

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062490.D
 Acq On : 10 Jul 2020 13:54
 Operator : JC/MD
 Sample : L3216-08 1PPB L00
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 03:22:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 11 03:18:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	195888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	338949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	303633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	148949	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	7.55	113	104955	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	10.06	98	403050	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	12.38	95	134418	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	1909	0.957	ug/l 87
3) Chloromethane	2.04	50	3426	1.070	ug/l 99
4) Vinyl Chloride	2.16	62	2975	1.134	ug/l 94
5) Bromomethane	2.54	94	1539	1.092	ug/l # 73
6) Chloroethane	2.67	64	1749	1.145	ug/l 94
7) Trichlorofluoromethane	2.98	101	3795	1.139	ug/l 98
8) Diethyl Ether	3.38	74	1345	0.903	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1960	0.993	ug/l # 75
10) Methyl Iodide	3.91	142	1887	0.724	ug/l # 80
11) Tert butyl alcohol	4.73	59	2854	5.710	ug/l # 74
12) 1,1-Dichloroethene	3.69	96	2262	1.125	ug/l # 70
13) Acrolein	3.58	56	1408	3.905	ug/l 98
14) Allyl chloride	4.27	41	2819	0.596	ug/l # 89
15) Acrylonitrile	4.95	53	5892	4.495	ug/l 98
16) Acetone	3.79	43	6545	5.117	ug/l 97
17) Carbon Disulfide	4.01	76	7494	1.189	ug/l 98
18) Methyl Acetate	4.28	43	3803	1.191	ug/l 94
19) Methyl tert-butyl Ether	4.99	73	7520	0.987	ug/l 93
20) Methylene Chloride	4.51	84	3650	1.335	ug/l # 88
21) trans-1,2-Dichloroethene	4.98	96	2220	1.019	ug/l # 60
22) Diisopropyl ether	5.91	45	8812	0.943	ug/l # 75
23) Vinyl Acetate	5.85	43	33568	4.337	ug/l 99
24) 1,1-Dichloroethane	5.80	63	4778	0.990	ug/l # 85
25) 2-Butanone	6.80	43	8492	4.546	ug/l 94
26) 2,2-Dichloropropane	6.78	77	4283	1.157	ug/l # 72
27) cis-1,2-Dichloroethene	6.79	96	2629	1.042	ug/l 97
28) Bromochloromethane	7.15	49	2319	0.884	ug/l # 64
29) Tetrahydrofuran	7.17	42	6117	4.863	ug/l 94
30) Chloroform	7.33	83	4797	1.101	ug/l 88
31) Cyclohexane	7.62	56	8703	1.902	ug/l # 20
32) 1,1,1-Trichloroethane	7.53	97	3637	1.003	ug/l # 55
36) 1,1-Dichloropropene	7.75	75	3399	0.995	ug/l # 79
37) Ethyl Acetate	6.88	43	1158	0.290	ug/l # 94
38) Carbon Tetrachloride	7.73	117	1792	0.584	ug/l 88

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 Quant Title : SW846 8260
 QLast Update : Sat Jul 11 03:18:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	3518	0.965	ug/l	95
40) Benzene	8.00	78	10809	1.074	ug/l	98
41) Methacrylonitrile	7.13	41	1359	0.815	ug/l #	85
42) 1,2-Dichloroethane	8.09	62	4107	1.114	ug/l	80
43) Isopropyl Acetate	8.12	43	6243	0.990	ug/l #	88
44) Trichloroethene	8.80	130	2260	1.012	ug/l	92
45) 1,2-Dichloropropane	9.08	63	2996	1.025	ug/l	91
46) Dibromomethane	9.18	93	1733	1.051	ug/l	94
47) Bromodichloromethane	9.37	83	3544	1.005	ug/l #	92
48) Methyl methacrylate	9.17	41	2725	0.881	ug/l	99
49) 1,4-Dioxane	9.17	88	753	16.720	ug/l #	74
51) 4-Methyl-2-Pentanone	9.95	43	17006	4.514	ug/l	98
52) Toluene	10.13	92	6028	1.037	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	3457	0.875	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	3880	0.890	ug/l #	86
55) 1,1,2-Trichloroethane	10.54	97	2205	0.964	ug/l	99
56) Ethyl methacrylate	10.40	69	3279	0.858	ug/l	91
57) 1,3-Dichloropropane	10.68	76	3914	0.927	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.67	63	4044	2.981	ug/l	94
59) 2-Hexanone	10.73	43	12092	4.421	ug/l	91
60) Dibromochloromethane	10.88	129	2288	0.923	ug/l	99
61) 1,2-Dibromoethane	10.98	107	2273	0.985	ug/l	98
64) Tetrachloroethene	10.61	164	1636	0.908	ug/l	92
65) Chlorobenzene	11.41	112	5908	1.001	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	2207	1.014	ug/l #	65
67) Ethyl Benzene	11.48	91	10613	0.958	ug/l	98
68) m/p-Xylenes	11.60	106	7384	1.883	ug/l	99
69) o-Xylene	11.92	106	3126	0.819	ug/l	75
70) Styrene	11.94	104	5481	0.869	ug/l	94
71) Bromoform	12.09	173	1611	1.010	ug/l #	78
73) Isopropylbenzene	12.22	105	8954	0.993	ug/l	99
74) N-amyl acetate	12.05	43	4113	0.937	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.48	83	3572	1.178	ug/l #	93
76) 1,2,3-Trichloropropane	12.53	75	4361	1.525	ug/l #	100
77) Bromobenzene	12.50	156	2487	1.213	ug/l	93
78) n-propylbenzene	12.57	91	10983	1.043	ug/l	97
79) 2-Chlorotoluene	12.65	91	7376	1.154	ug/l	92
80) 1,3,5-Trimethylbenzene	12.71	105	7089	0.959	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.38	75	70471	65.966	ug/l #	10
82) 4-Chlorotoluene	12.75	91	6723	1.036	ug/l	99
83) tert-Butylbenzene	12.97	119	6151	0.980	ug/l	95
84) 1,2,4-Trimethylbenzene	13.02	105	6607	0.899	ug/l	95
85) sec-Butylbenzene	13.15	105	7999	0.962	ug/l	98
86) p-Isopropyltoluene	13.26	119	5777	0.805	ug/l	94
87) 1,3-Dichlorobenzene	13.26	146	3762	1.064	ug/l	93
88) 1,4-Dichlorobenzene	13.26	146	3762	1.034	ug/l	95
89) n-Butylbenzene	13.59	91	5332	0.842	ug/l	98
90) Hexachloroethane	13.85	117	1440	1.020	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	3721	1.088	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.25	75	547	0.989	ug/l #	61

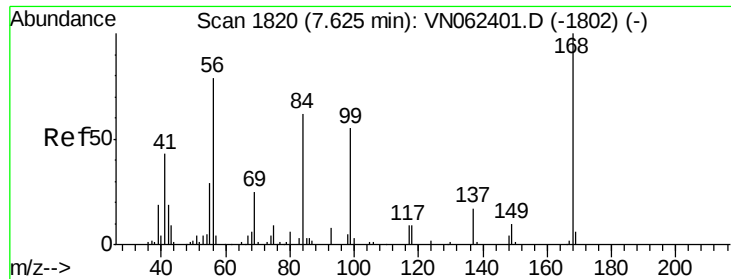
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Quant Title : SW846 8260
QLast Update : Sat Jul 11 03:18:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	1080	0.701	ug/l	92
94) Hexachlorobutadiene	14.98	225	977	1.076	ug/l	90
95) Naphthalene	15.11	128	3634	0.836	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.29	180	1334	0.832	ug/l	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

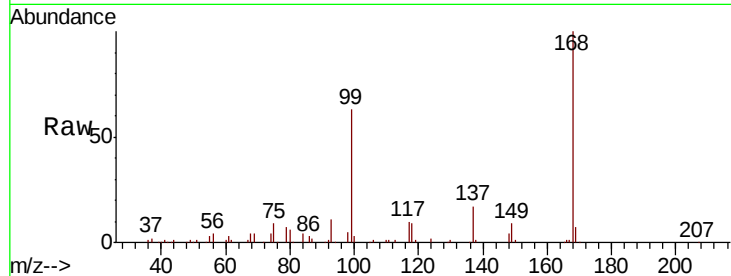
ClientSampleId :

Tot Ion:168 Resp: 195888

Ion Ratio Lower Upper

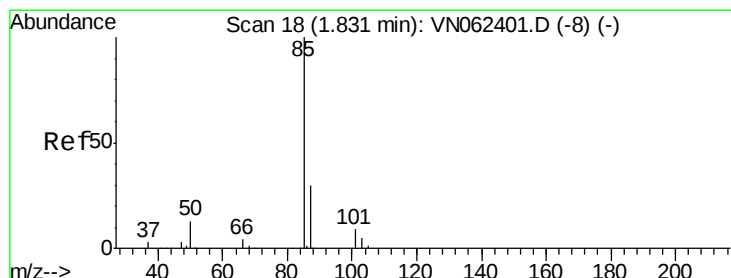
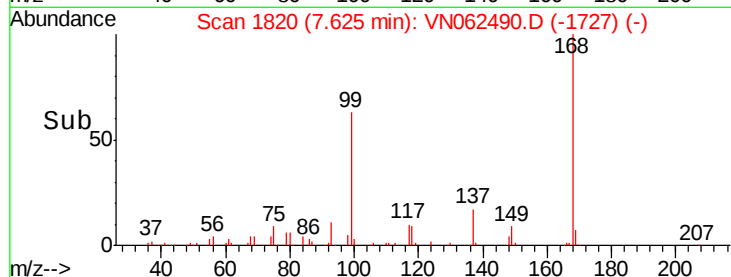
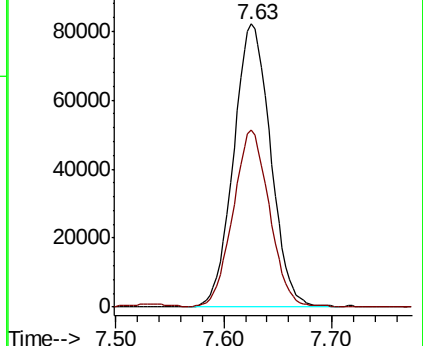
168 100

99 62.4 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.957 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062490.D

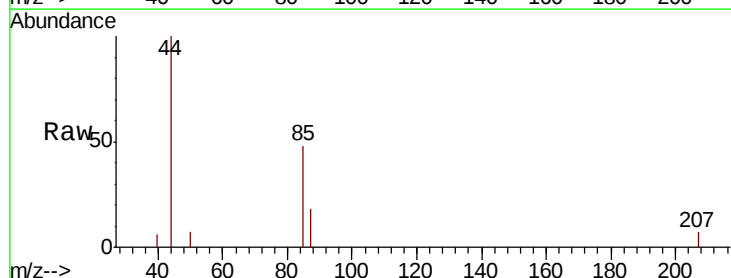
Acq: 10 Jul 2020 13:54

Tgt Ion: 85 Resp: 1909

Ion Ratio Lower Upper

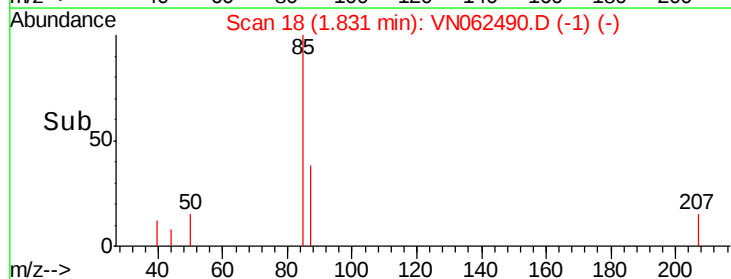
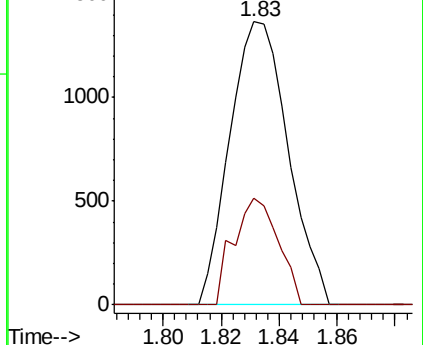
85 100

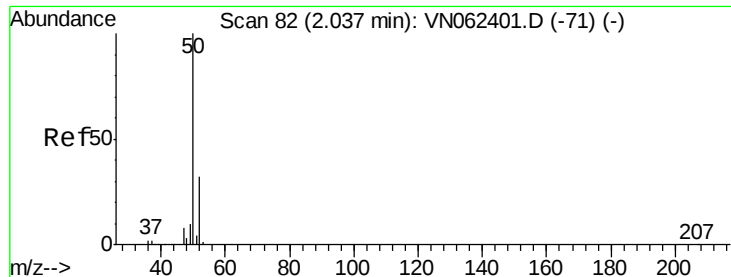
87 37.5 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 1.070 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

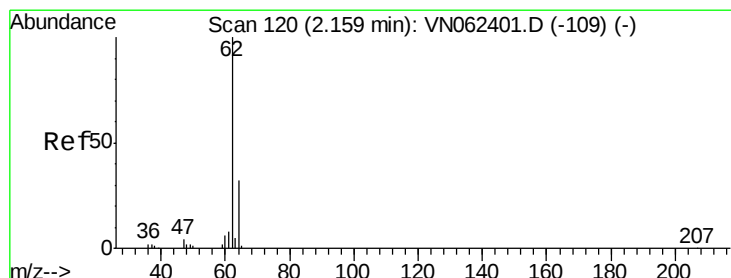
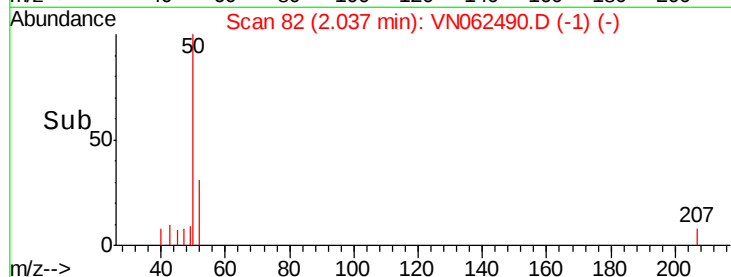
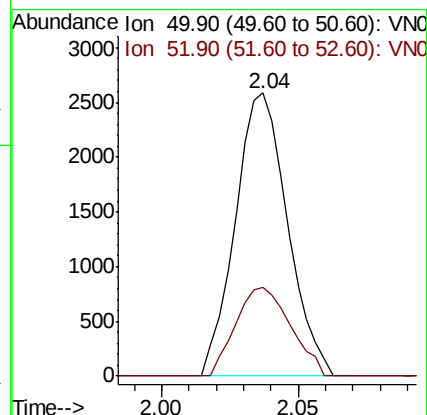
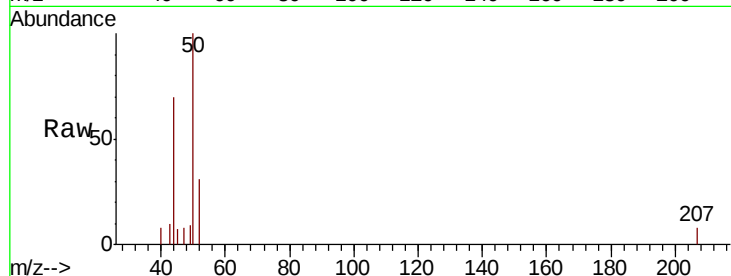
ClientSampled :

Tot Ion: 50 Resp: 3426

Ion Ratio Lower Upper

50 100

52 31.2 25.5 38.3



#4

Vinyl Chloride

Concen: 1.134 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062490.D

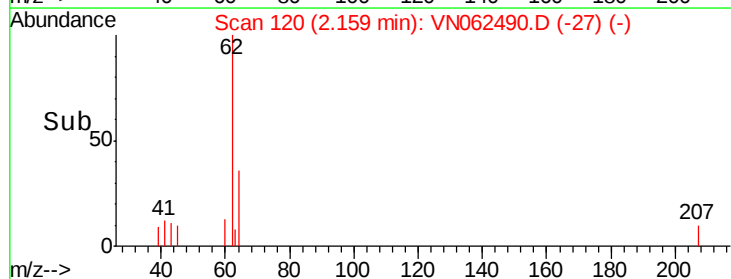
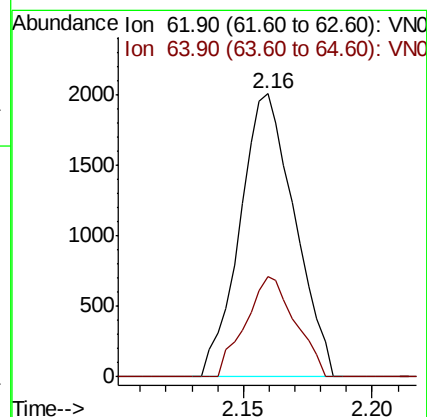
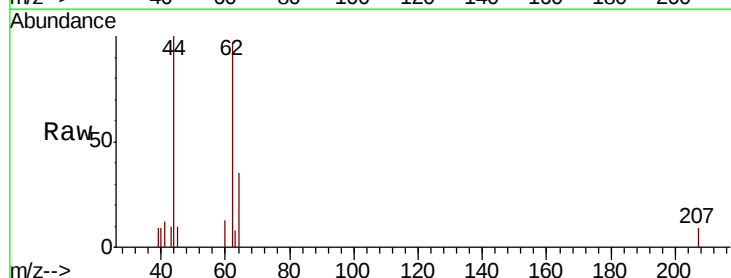
Acq: 10 Jul 2020 13:54

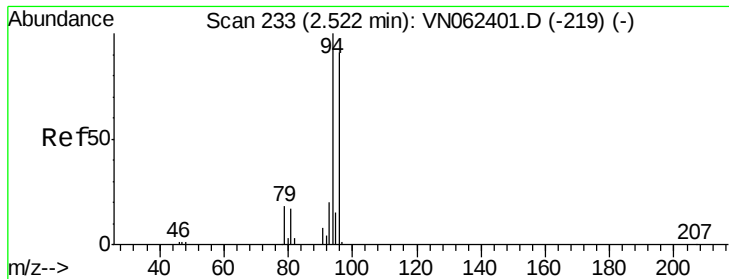
Tgt Ion: 62 Resp: 2975

Ion Ratio Lower Upper

62 100

64 35.6 25.7 38.5





#5

Bromomethane

Concen: 1.092 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.01 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

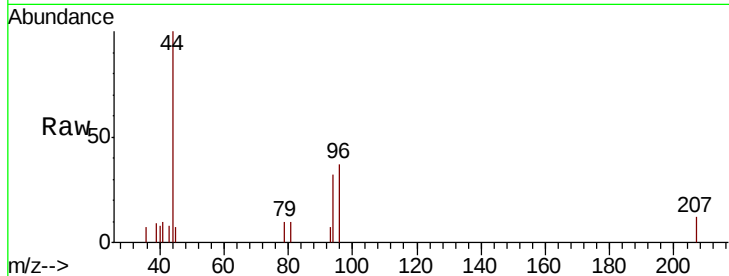
ClientSampleId :

Tot Ion: 94 Resp: 1539

Ion Ratio Lower Upper

94 100

96 117.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VN062490.D (-140) (-)

Ion 95.90 (95.60 to 96.60): VN062490.D (-140) (-)

1000

800

600

400

200

0

2.50

2.55

2.60

2.65

2.70

2.75

2.80

2.85

2.90

2.95

3.00

3.05

3.06

3.07

3.08

3.09

3.10

3.11

3.12

3.13

3.14

3.15

3.16

3.17

3.18

3.19

3.20

3.21

3.22

3.23

3.24

3.25

3.26

3.27

3.28

3.29

3.30

3.31

3.32

3.33

3.34

3.35

3.36

3.37

3.38

3.39

3.40

3.41

3.42

3.43

3.44

3.45

3.46

3.47

3.48

3.49

3.50

3.51

3.52

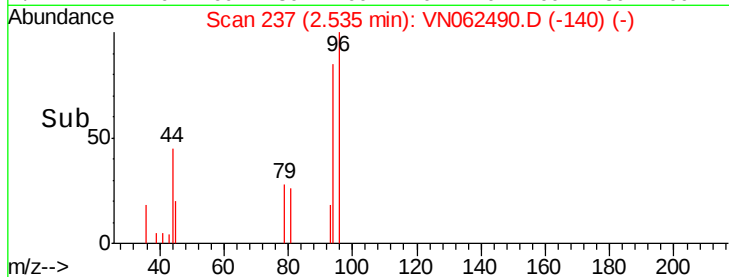
3.53

3.54

3.55

3.56

3.57



#6

Chloroethane

Concen: 1.145 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.01 min

Lab File: VN062490.D

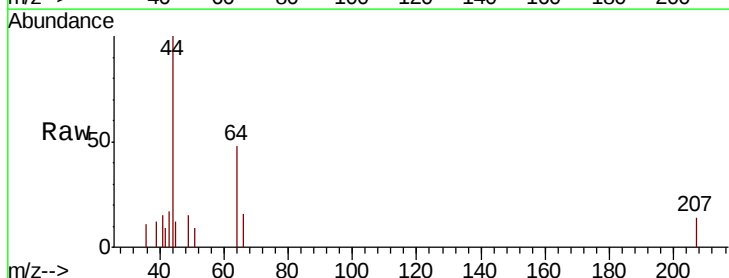
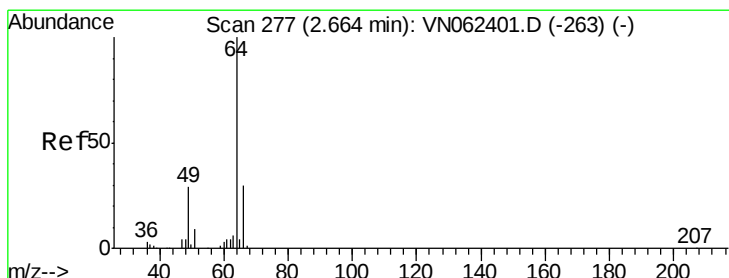
Acq: 10 Jul 2020 13:54

Tgt Ion: 64 Resp: 1749

Ion Ratio Lower Upper

64 100

66 33.4 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN062490.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062490.D (-184) (-)

1000

800

600

400

200

0

2.65

2.70

2.75

2.80

2.85

2.90

2.95

3.00

3.05

3.10

3.15

3.20

3.25

3.30

3.35

3.40

3.45

3.50

3.55

3.60

3.65

3.70

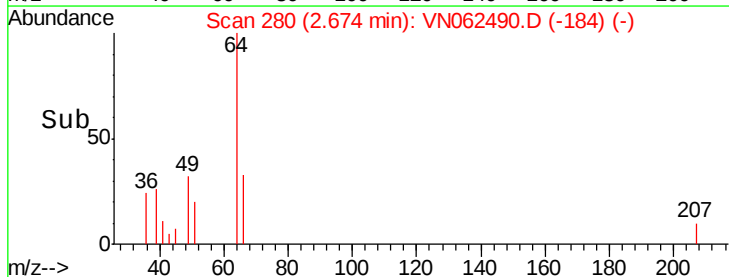
3.75

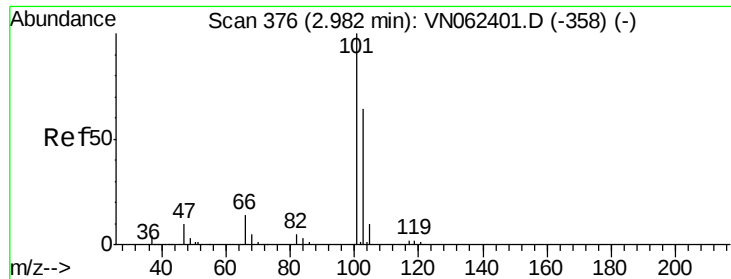
3.80

3.85

3.90

3.95



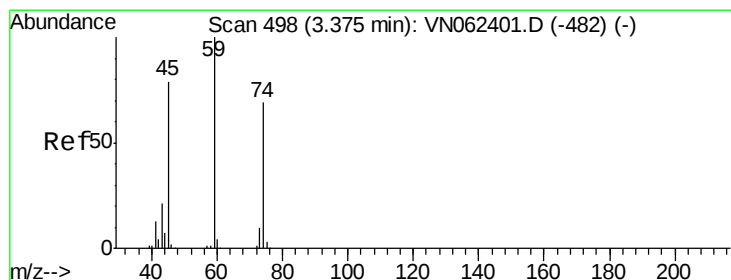
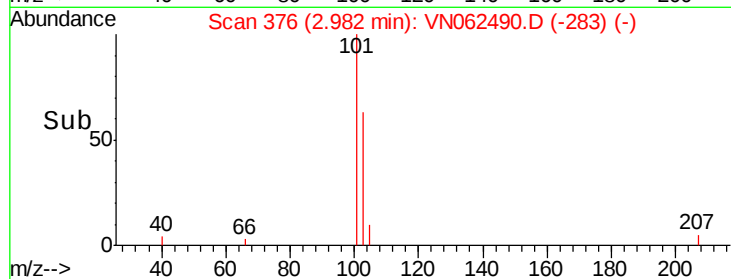
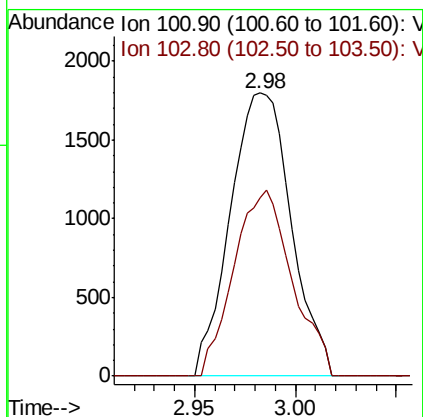
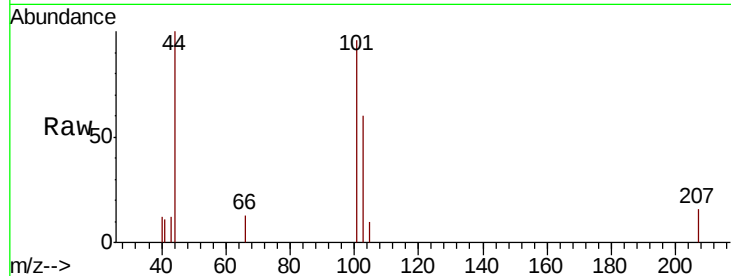


#7

Trichlorofluoromethane
 Concen: 1.139 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Instrument :
 MSVOA_N
 ClientSampled :

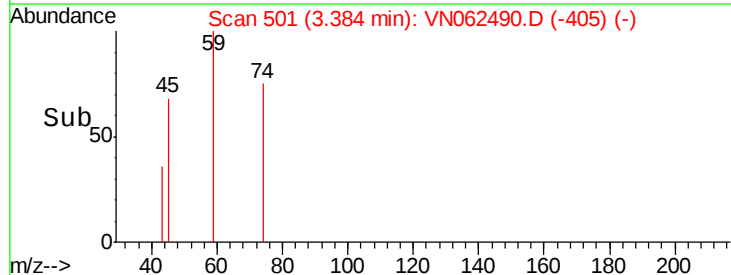
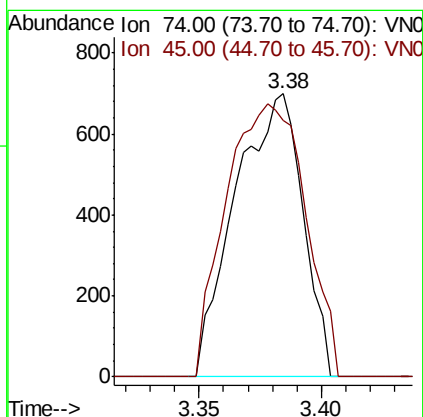
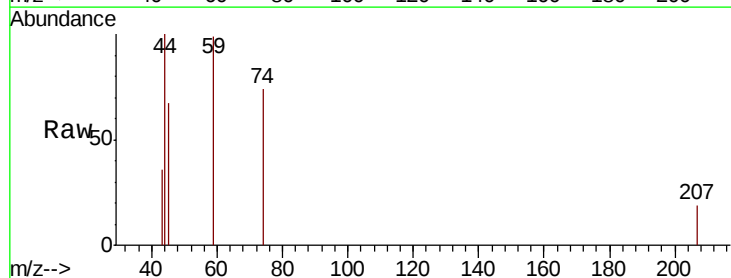
Tot Ion:101 Resp: 3795
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.6 77.4

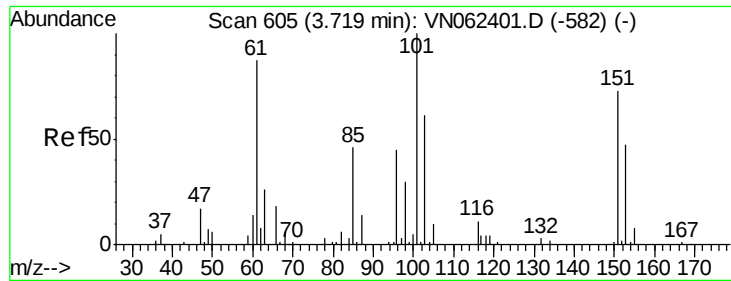


#8

Diethyl Ether
 Concen: 0.903 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.01 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Tgt Ion: 74 Resp: 1345
 Ion Ratio Lower Upper
 74 100
 45 113.3 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.993 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampled :

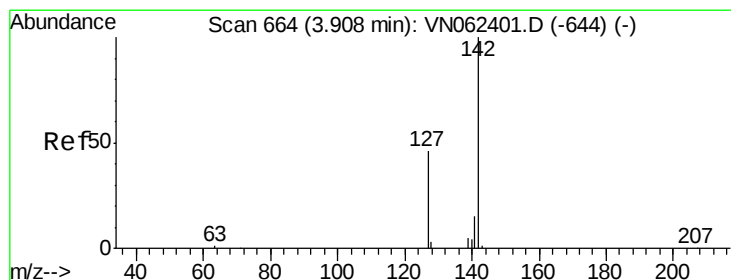
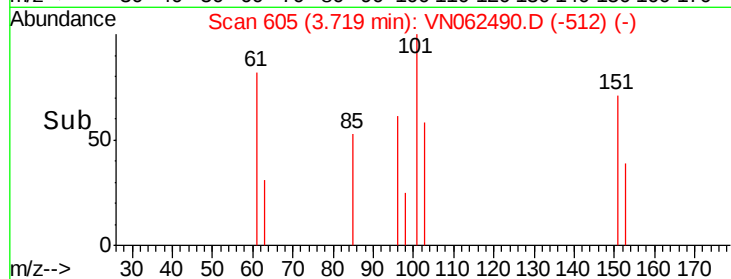
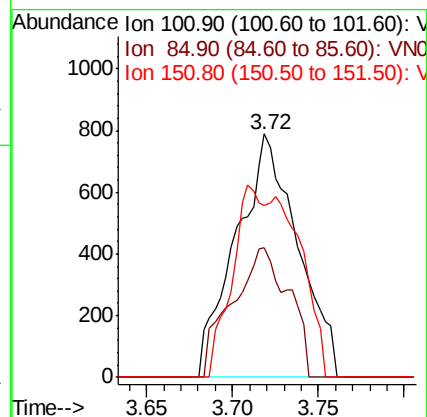
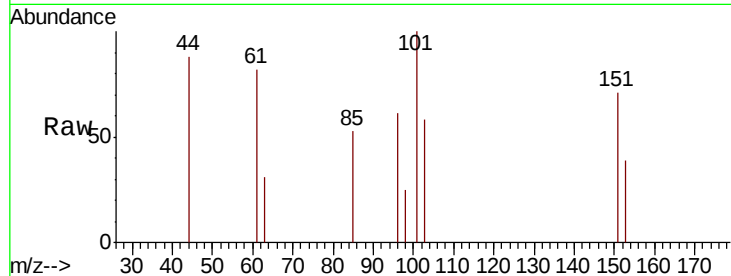
Tot Ion:101 Resp: 1960

Ion Ratio Lower Upper

101 100

85 48.9 36.7 55.1

151 41.1 58.3 87.5#



#10

Methyl Iodide

Concen: 0.724 ug/l

RT: 3.91 min Scan# 666

Delta R.T. 0.01 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

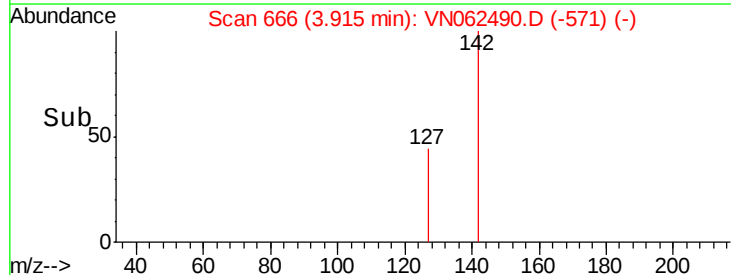
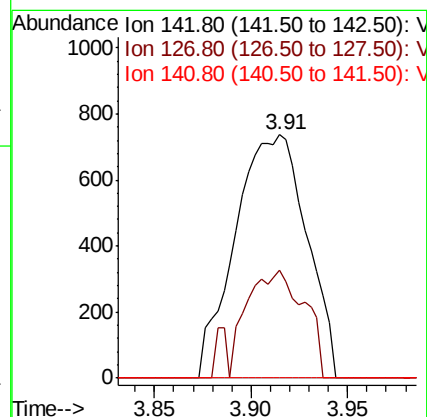
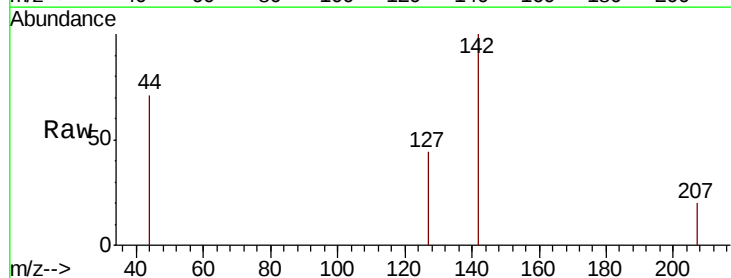
Tgt Ion:142 Resp: 1887

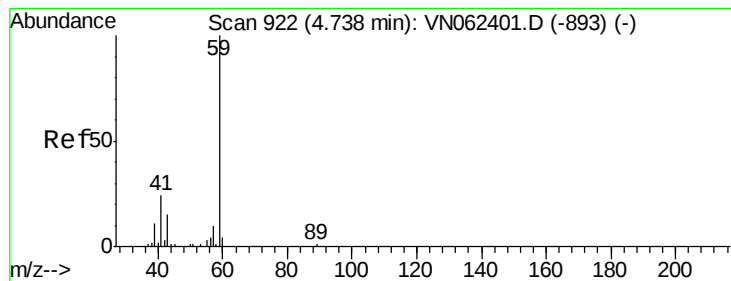
Ion Ratio Lower Upper

142 100

127 35.5 36.1 54.1#

141 0.0 11.4 17.0#



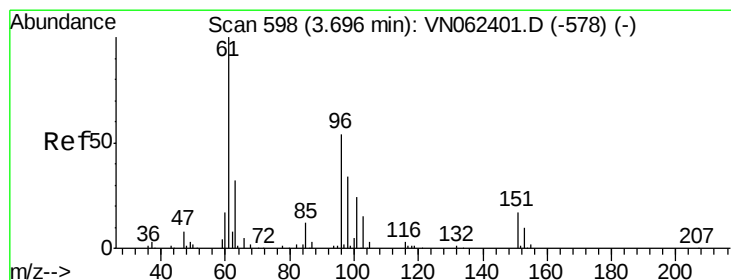
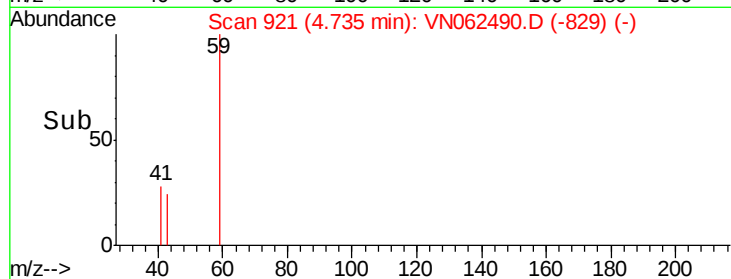
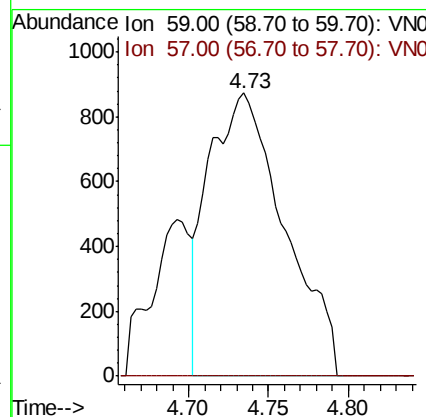
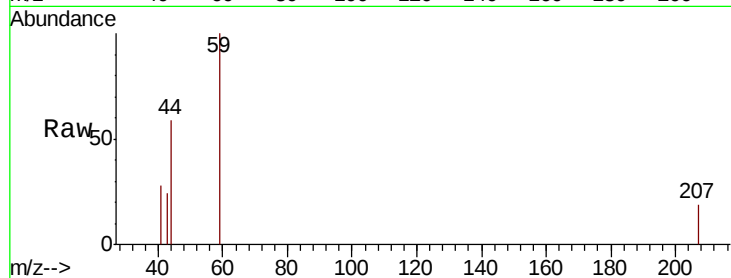


#11

Tert butyl alcohol
 Concen: 5.710 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Instrument :
 MSVOA_N
 ClientSampleId :

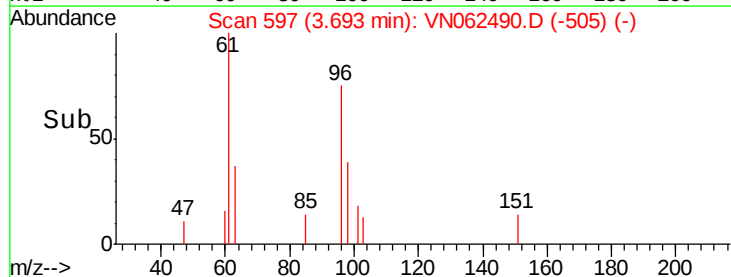
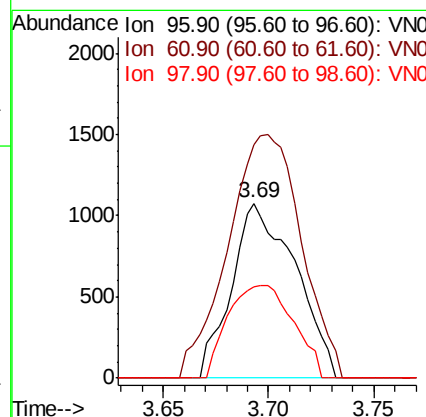
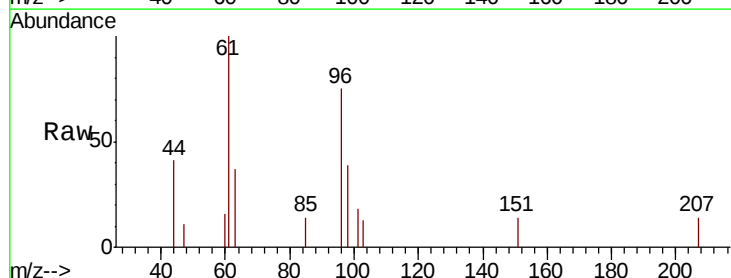
Tot Ion: 59 Resp: 2854
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

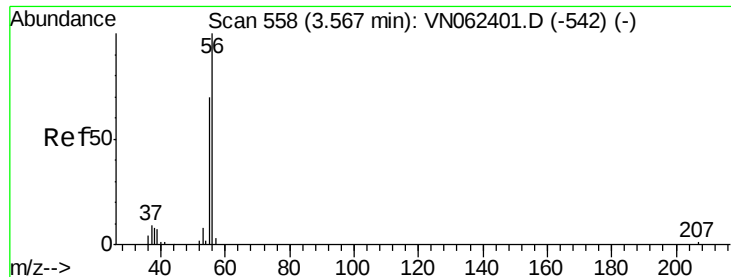


#12

1,1-Dichloroethene
 Concen: 1.125 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Tgt Ion: 96 Resp: 2262
 Ion Ratio Lower Upper
 96 100
 61 133.8 147.4 221.0#
 98 52.2 50.4 75.6





#13

Acrolein

Concen: 3.905 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.01 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

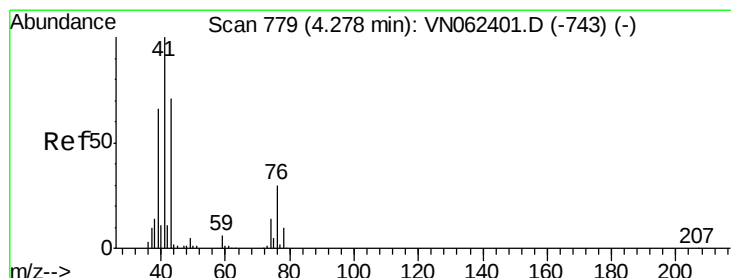
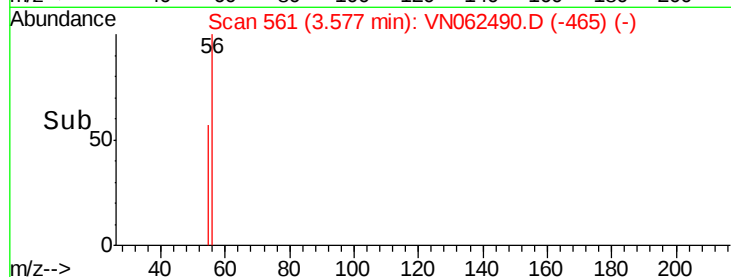
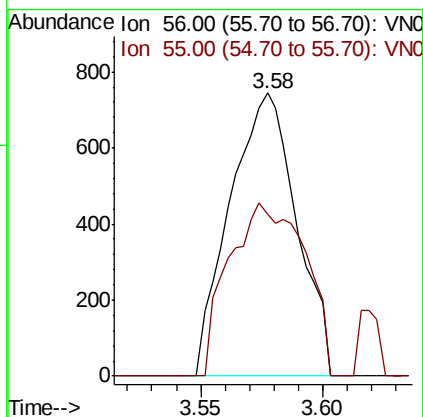
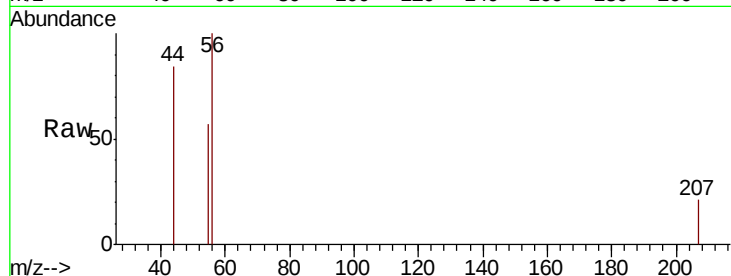
ClientSampleId :

Tot Ion: 56 Resp: 1408

Ion Ratio Lower Upper

56 100

55 70.1 57.2 85.8



#14

Allyl chloride

Concen: 0.596 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

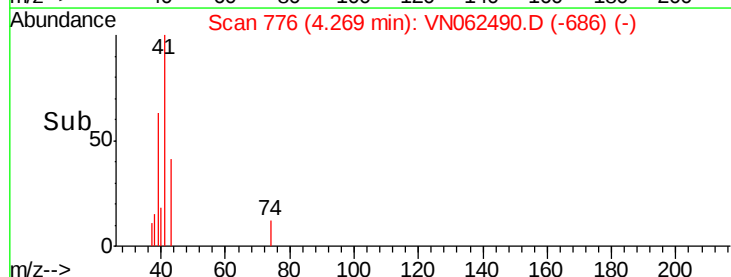
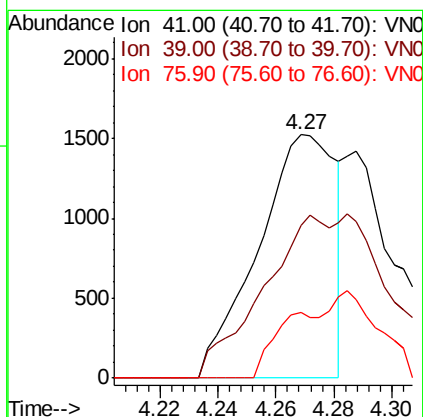
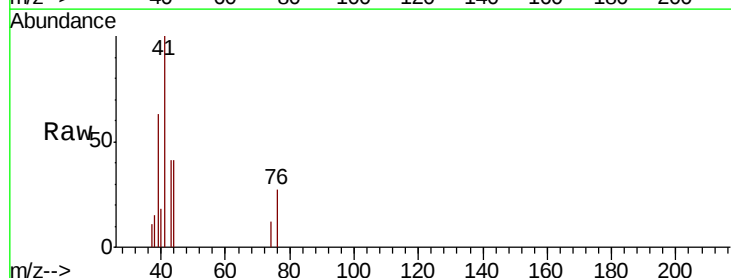
Tgt Ion: 41 Resp: 2819

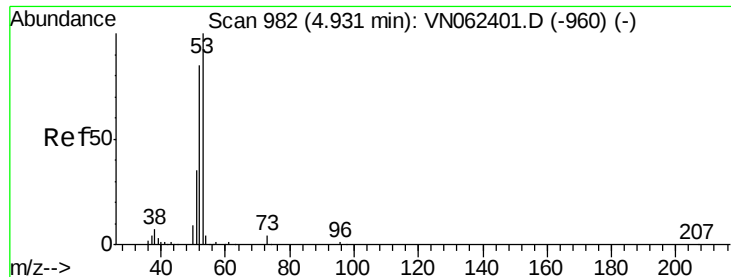
Ion Ratio Lower Upper

41 100

39 57.4 49.6 74.4

76 15.9 22.2 33.4#





#15

Acrylonitrile

Concen: 4.495 ug/l

RT: 4.95 min Scan# 988

Delta R.T. 0.02 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

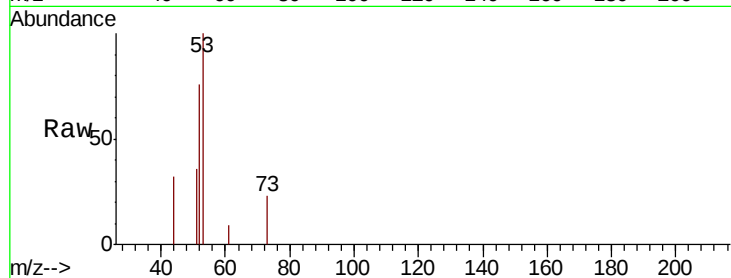
Tot Ion: 53 Resp: 5892

Ion Ratio Lower Upper

53 100

52 80.8 66.2 99.4

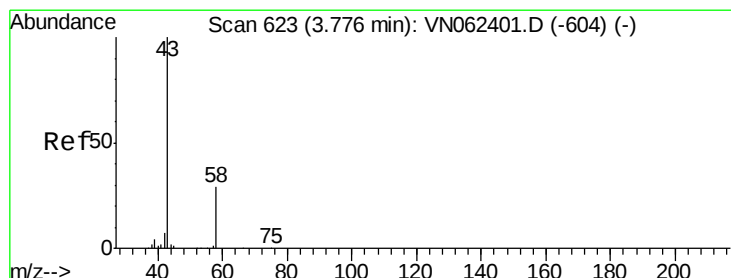
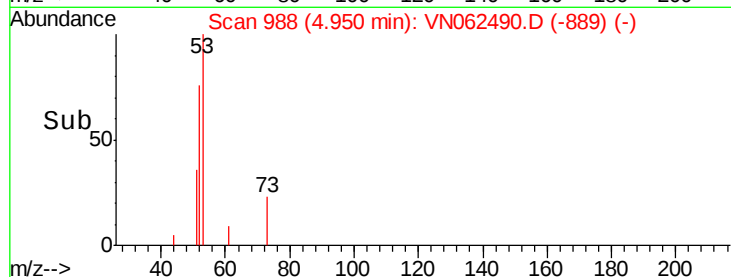
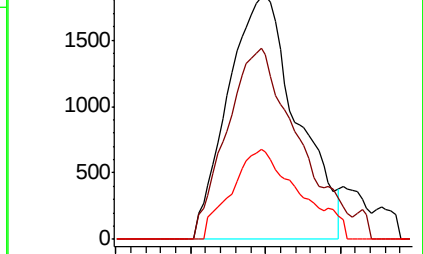
51 36.3 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN062490.D (-889) (-)

Ion 52.00 (51.70 to 52.70): VN062490.D (-889) (-)

Ion 51.00 (50.70 to 51.70): VN062490.D (-889) (-)



#16

Acetone

Concen: 5.117 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062490.D

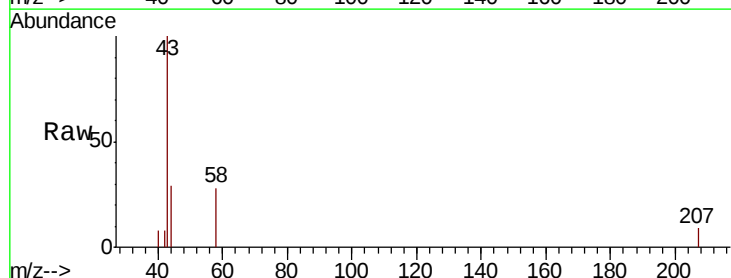
Acq: 10 Jul 2020 13:54

Tgt Ion: 43 Resp: 6545

Ion Ratio Lower Upper

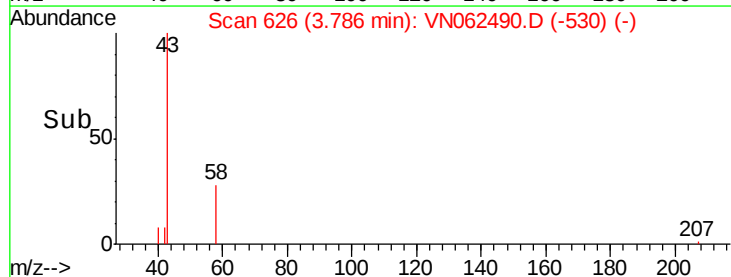
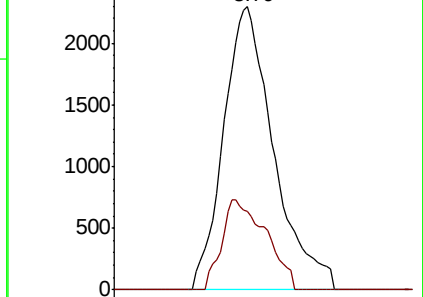
43 100

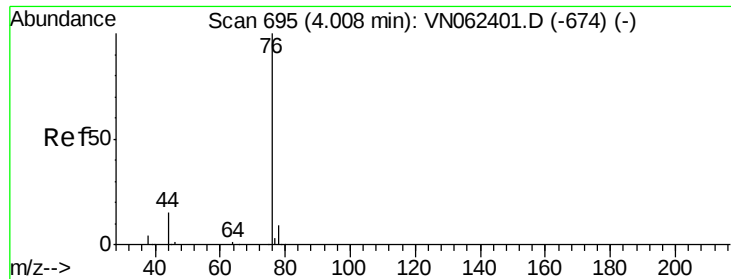
58 27.6 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN062490.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN062490.D (-530) (-)





#17

Carbon Disulfide

Concen: 1.189 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

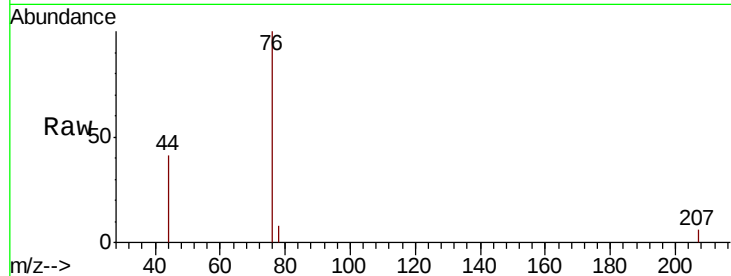
ClientSampled :

Tot Ion: 76 Resp: 7494

Ion Ratio Lower Upper

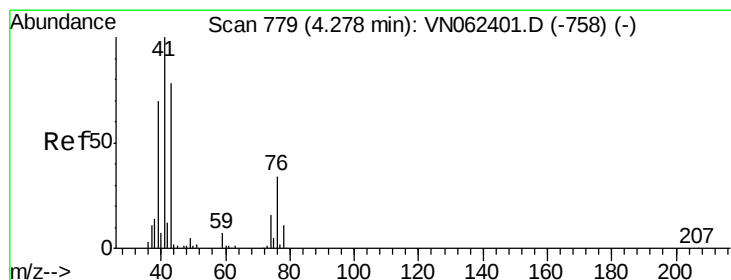
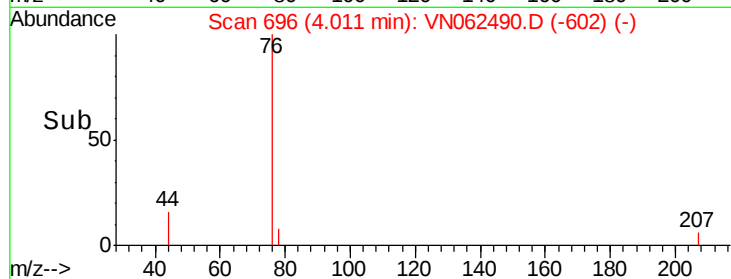
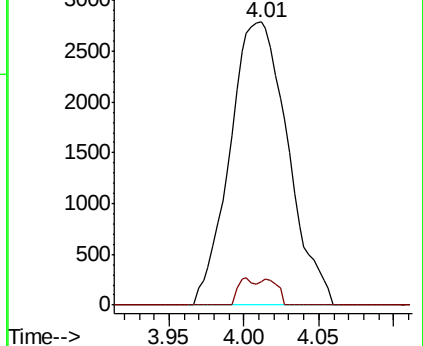
76 100

78 8.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN062490.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN062490.D (-674) (-)



#18

Methyl Acetate

Concen: 1.191 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN062490.D

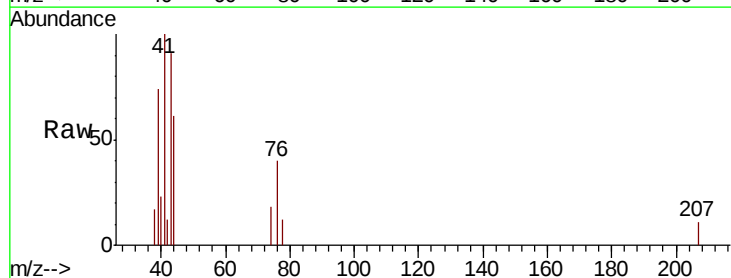
Acq: 10 Jul 2020 13:54

Tgt Ion: 43 Resp: 3803

Ion Ratio Lower Upper

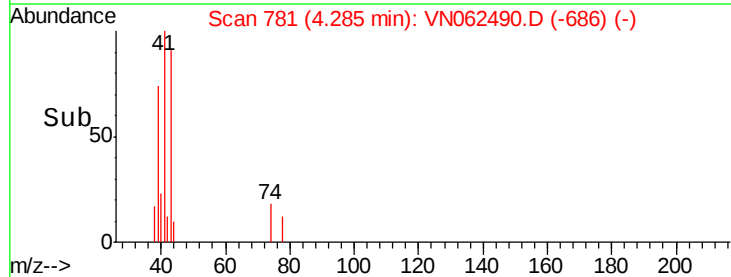
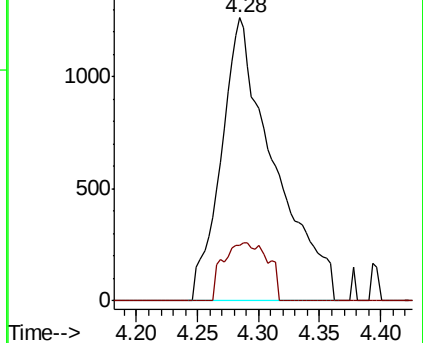
43 100

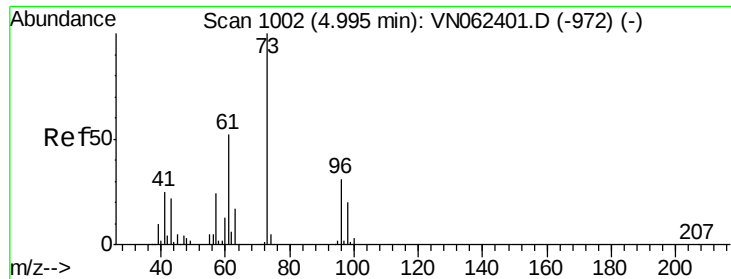
74 17.3 16.0 24.0



Abundance Ion 43.00 (42.70 to 43.70): VN062490.D (-686) (-)

Ion 74.00 (73.70 to 74.70): VN062490.D (-686) (-)

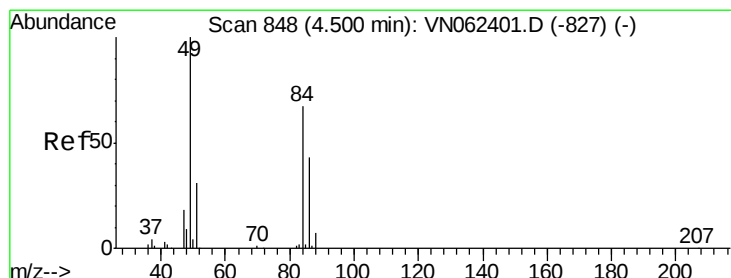
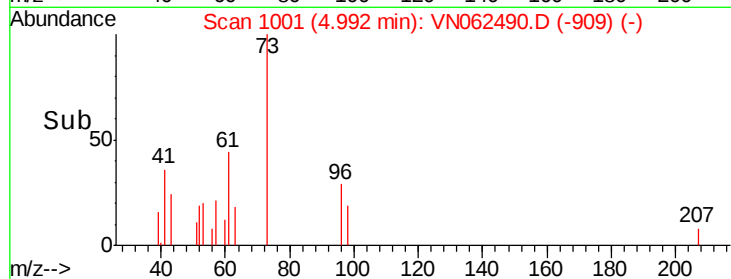
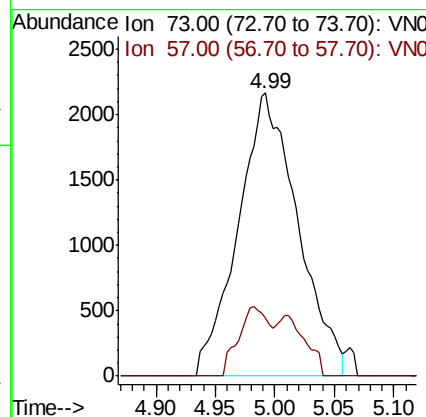
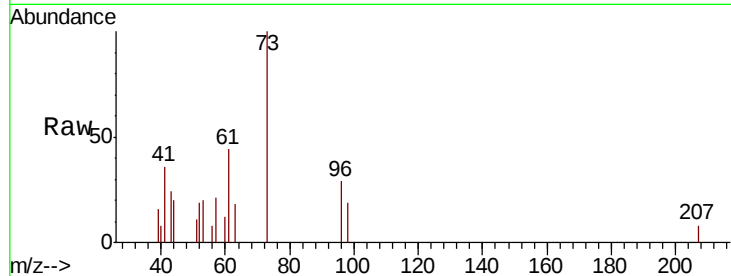




#19
Methvl tert-butvl Ether
Concen: 0.987 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

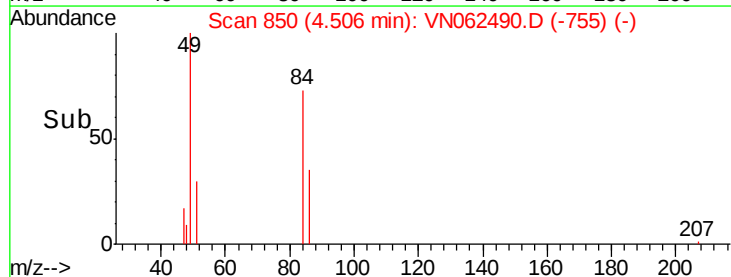
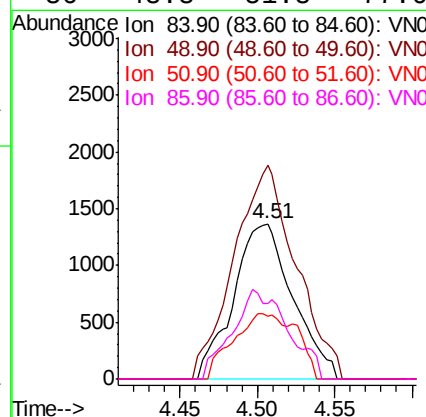
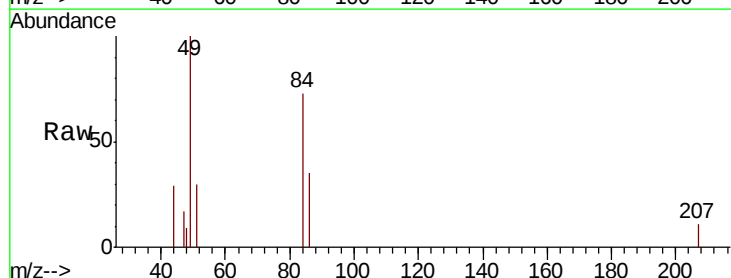
Instrument :
MSVOA_N
ClientSampled :

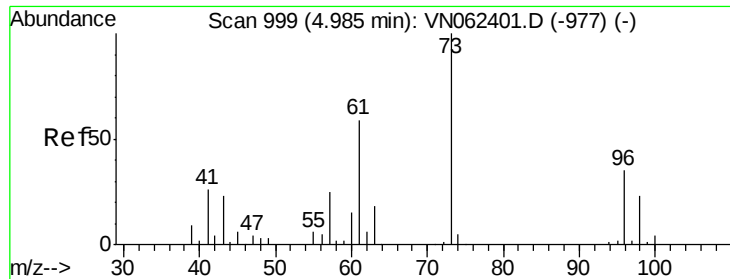
Tot Ion: 73 Resp: 7520
Ion Ratio Lower Upper
73 100
57 20.5 19.4 29.0



#20
Methylene Chloride
Concen: 1.335 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Tgt Ion: 84 Resp: 3650
Ion Ratio Lower Upper
84 100
49 137.7 120.0 180.0
51 40.8 37.0 55.6
86 48.8 51.8 77.6#





#21

trans-1,2-Dichloroethene

Concen: 1.019 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

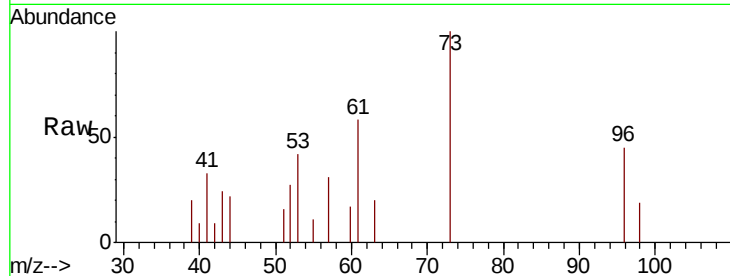
Tot Ion: 96 Resp: 2220

Ion Ratio Lower Upper

96 100

61 107.8 133.5 200.3#

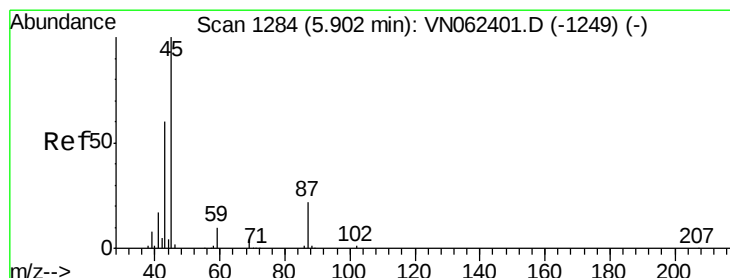
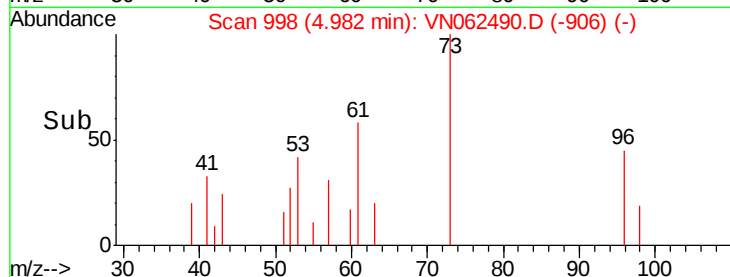
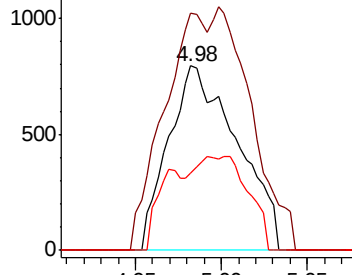
98 42.0 51.9 77.9#



Abundance Ion 95.90 (95.60 to 96.60): VN062490.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062490.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062490.D (-906) (-)



#22

Diisopropyl ether

Concen: 0.943 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Tgt Ion: 45 Resp: 8812

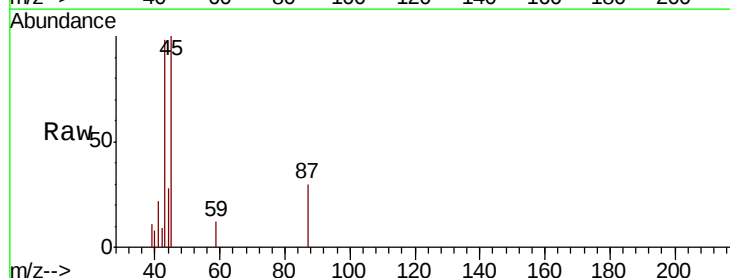
Ion Ratio Lower Upper

45 100

43 87.4 50.1 75.1#

87 30.1 18.2 27.4#

59 11.5 8.2 12.2

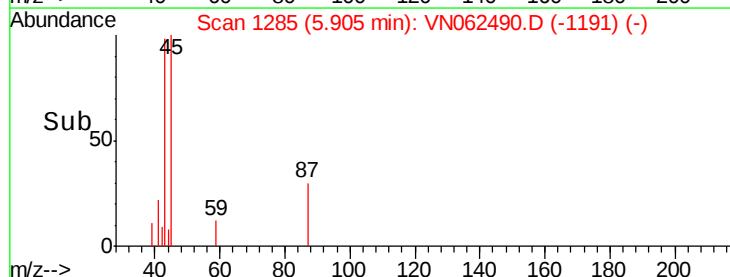
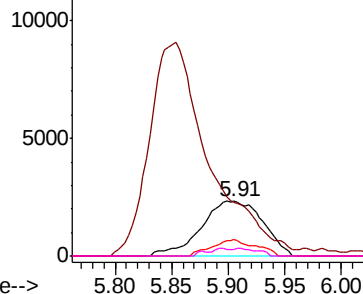


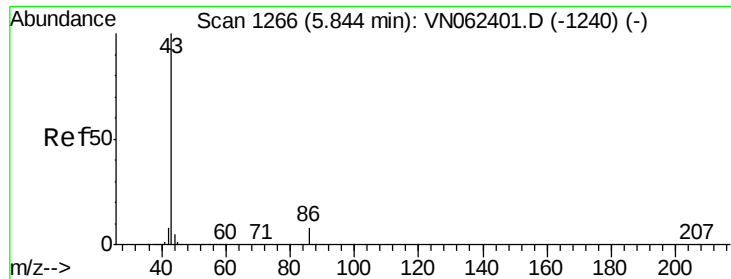
Abundance Ion 45.00 (44.70 to 45.70): VN062490.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062490.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062490.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062490.D (-1191) (-)

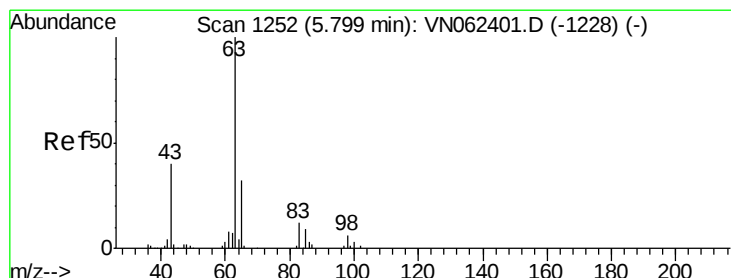
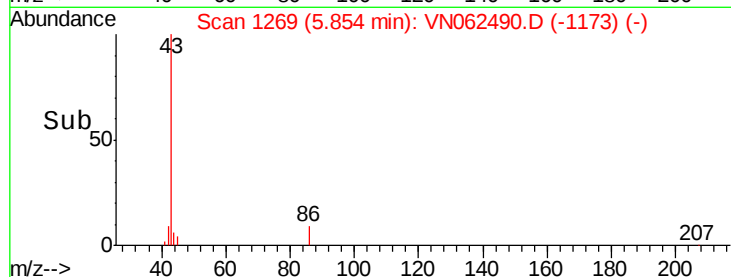
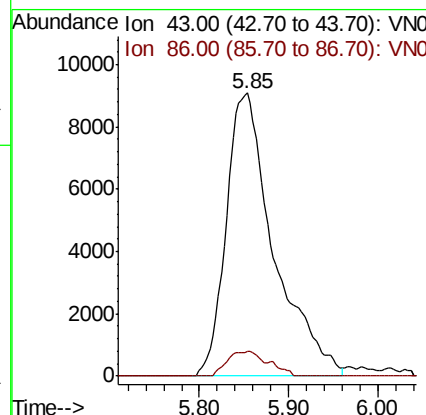
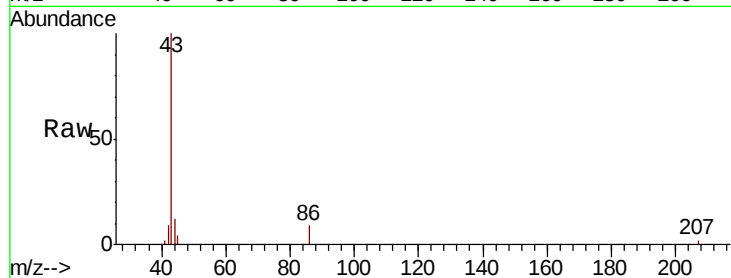




#23
 Vinyl Acetate
 Concen: 4.337 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

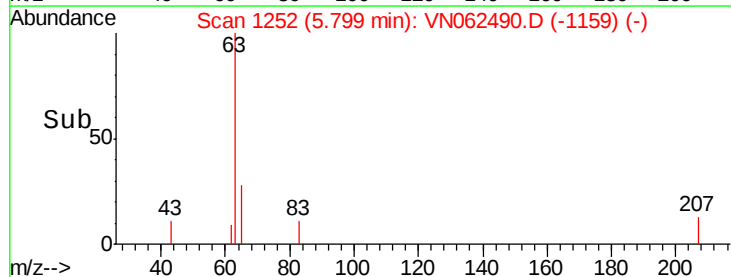
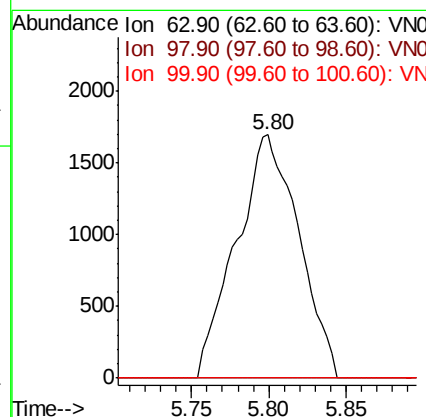
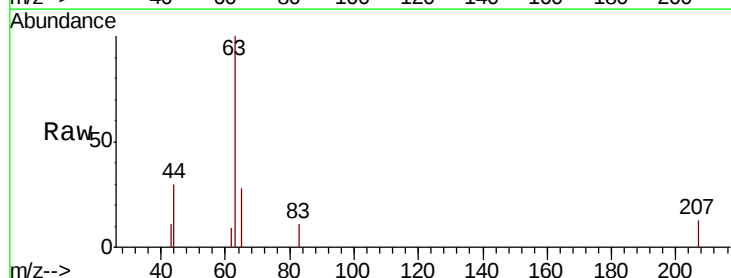
Instrument :
 MSVOA_N
 ClientSampled :

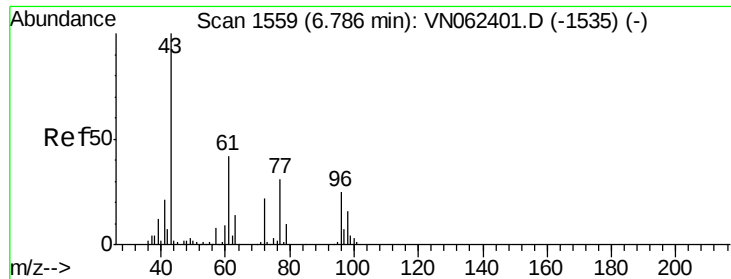
Tot Ion: 43 Resp: 33568
 Ion Ratio Lower Upper
 43 100
 86 8.9 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 0.990 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Tgt Ion: 63 Resp: 4778
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.8#
 100 0.0 1.8 5.3#

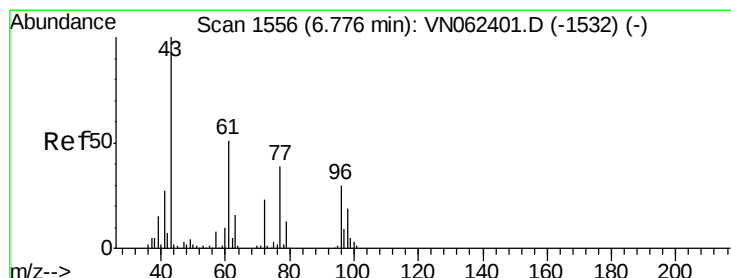
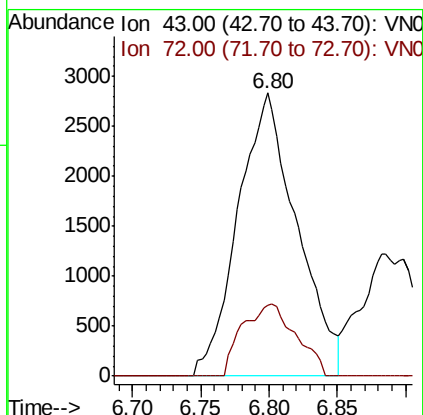
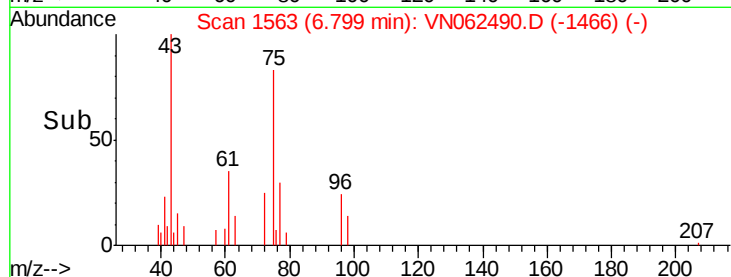
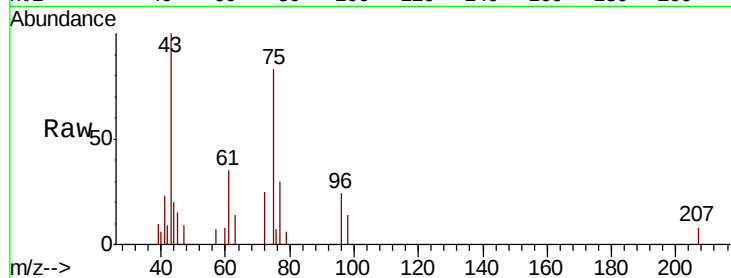




#25
2-Butanone
Concen: 4.546 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

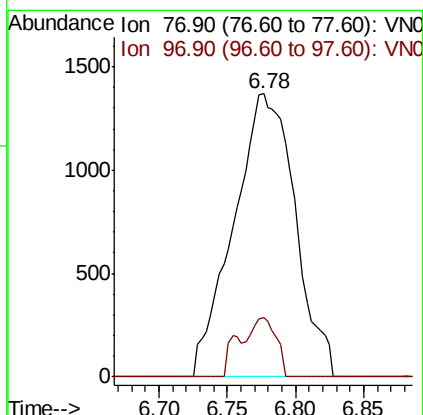
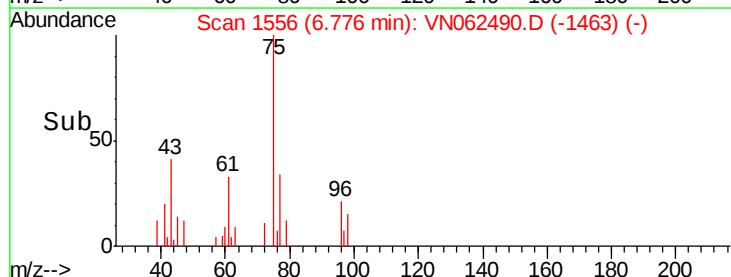
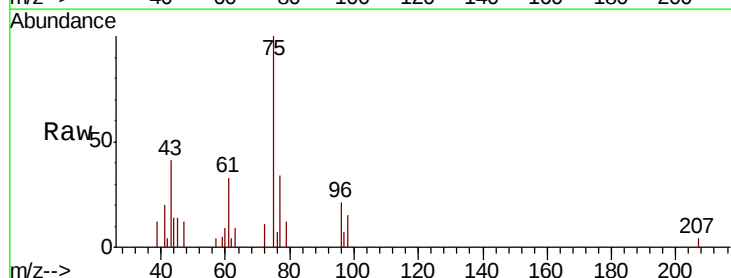
Instrument :
MSVOA_N
ClientSampled :

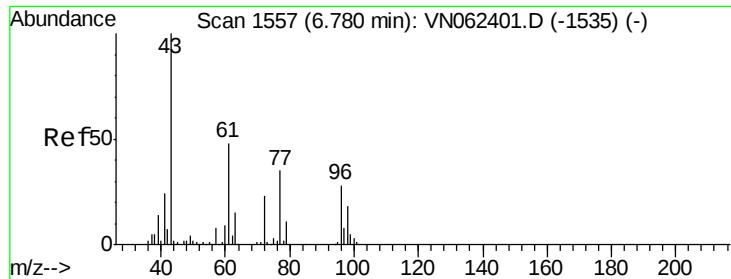
Tot Ion: 43 Resp: 8492
Ion Ratio Lower Upper
43 100
72 25.1 17.9 26.9



#26
2,2-Dichloropropane
Concen: 1.157 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Tgt Ion: 77 Resp: 4283
Ion Ratio Lower Upper
77 100
97 8.4 10.9 32.9#





#27

cis-1,2-Dichloroethene

Concen: 1.042 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

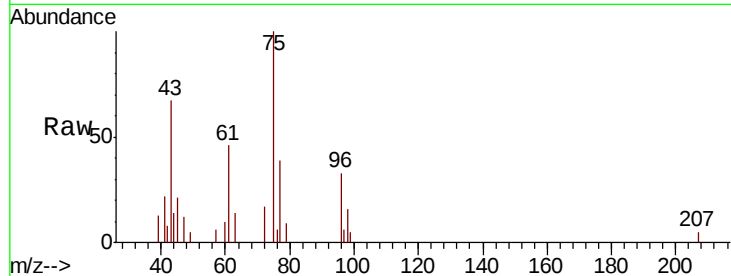
Tot Ion: 96 Resp: 2629

Ion Ratio Lower Upper

96 100

61 167.6 0.0 343.4

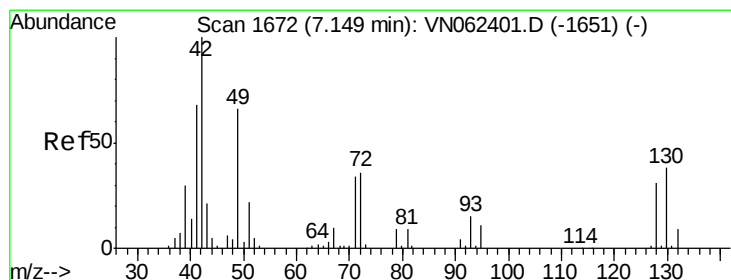
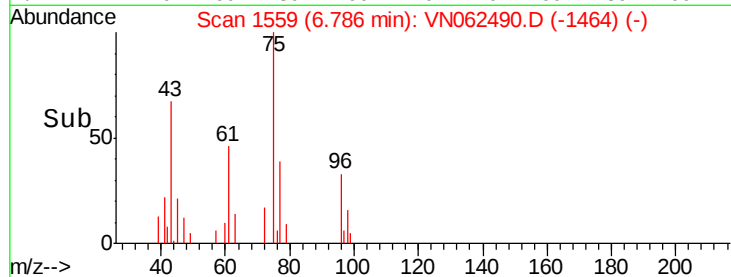
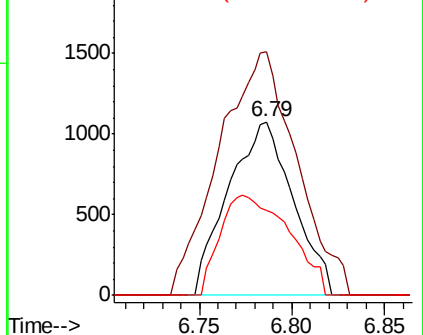
98 61.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN062490.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062490.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062490.D (-1464) (-)



#28

Bromochloromethane

Concen: 0.884 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

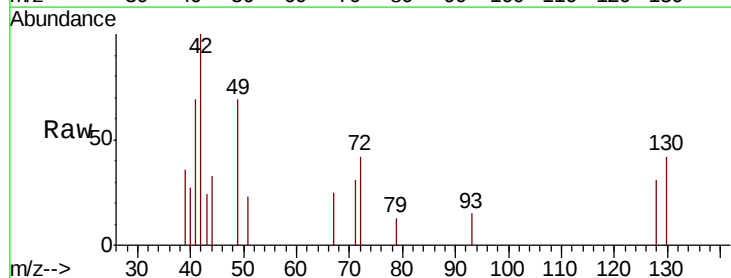
Tgt Ion: 49 Resp: 2319

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.8

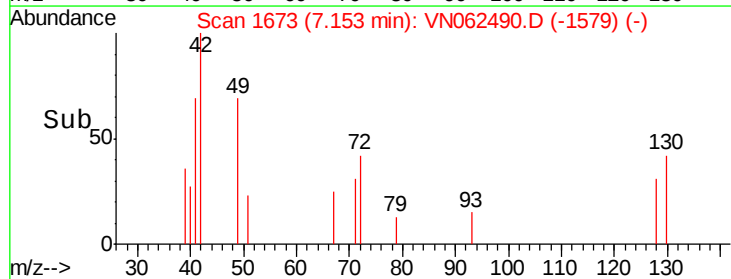
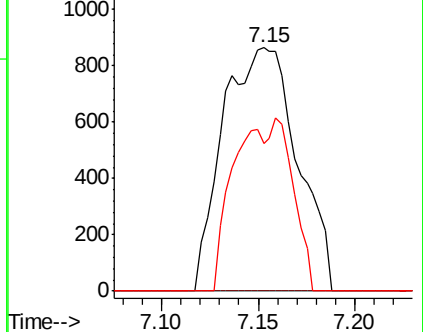
130 31.0 46.5 69.7#

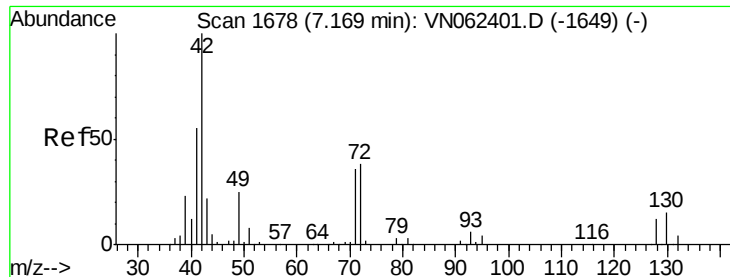


Abundance Ion 48.90 (48.60 to 49.60): VN062490.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062490.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062490.D (-1579) (-)





#29

Tetrahydrofuran

Concen: 4.863 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :
MSVOA_N
ClientSampled :

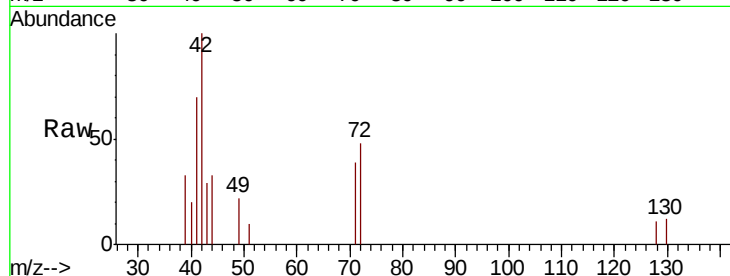
Tot Ion: 42 Resp: 6117

Ion Ratio Lower Upper

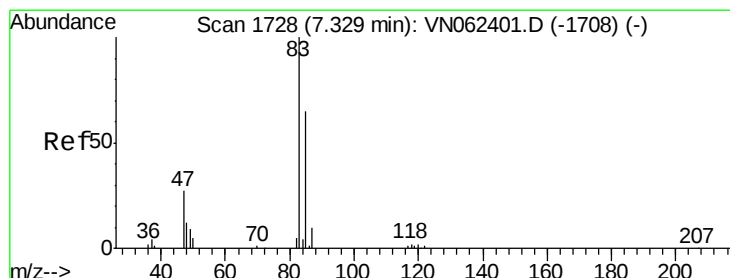
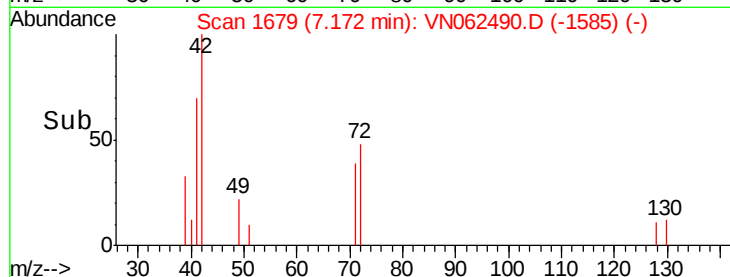
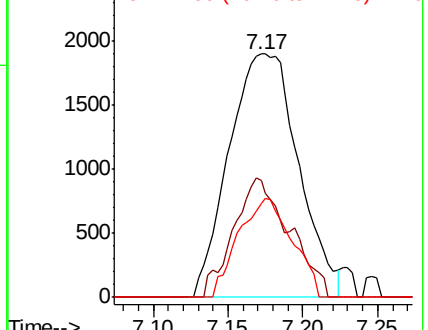
42 100

72 39.4 29.1 43.7

71 31.5 28.1 42.1



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 1.101 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062490.D

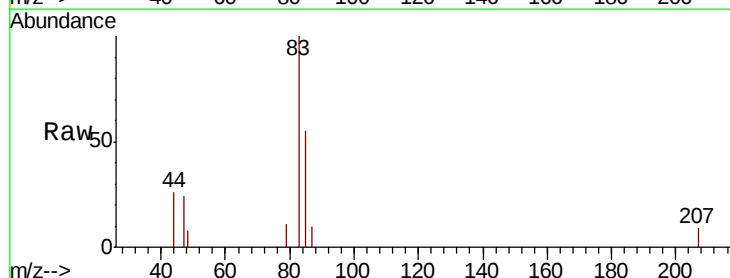
Acq: 10 Jul 2020 13:54

Tgt Ion: 83 Resp: 4797

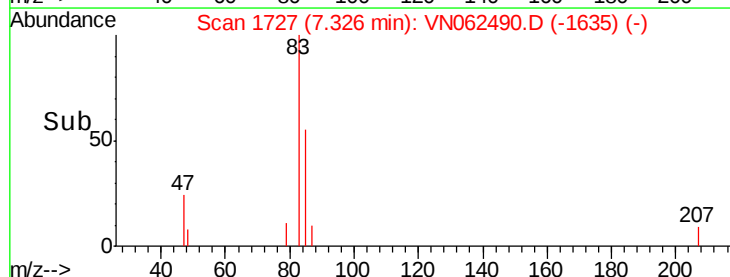
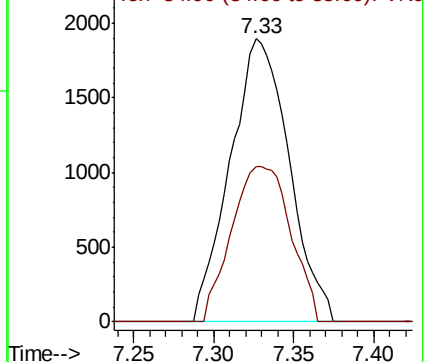
Ion Ratio Lower Upper

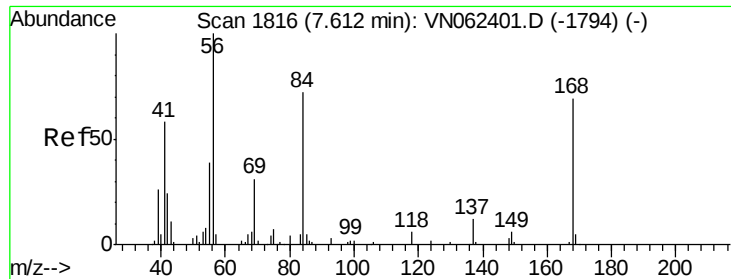
83 100

85 55.0 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

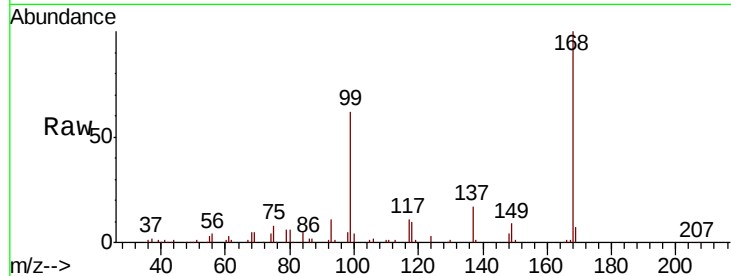




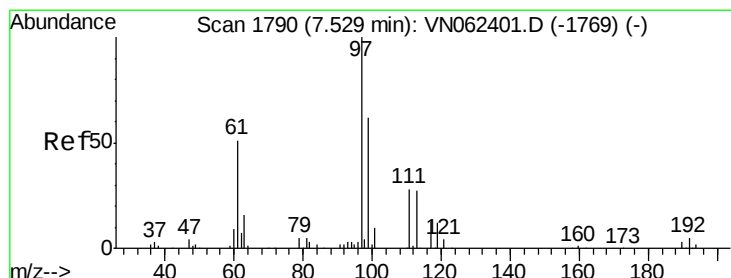
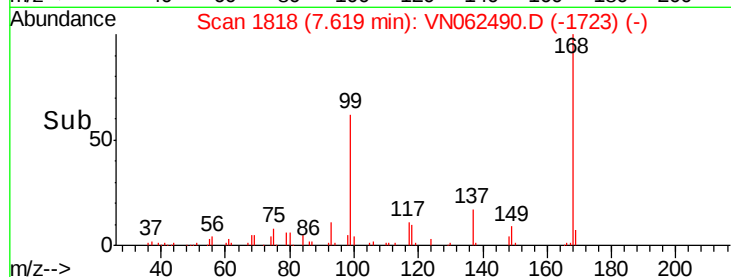
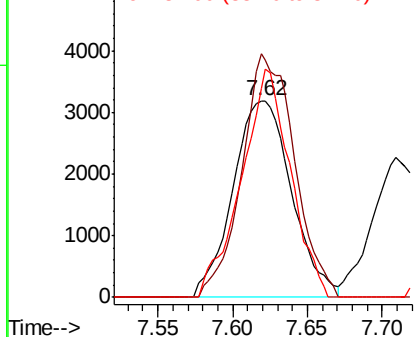
#31
Cyclohexane
Concen: 1.902 ug/l
RT: 7.62 min Scan# 1816
Delta R.T. 0.01 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 8703
Ion Ratio Lower Upper
56 100
69 123.7 24.5 36.7#
84 106.2 57.4 86.2#

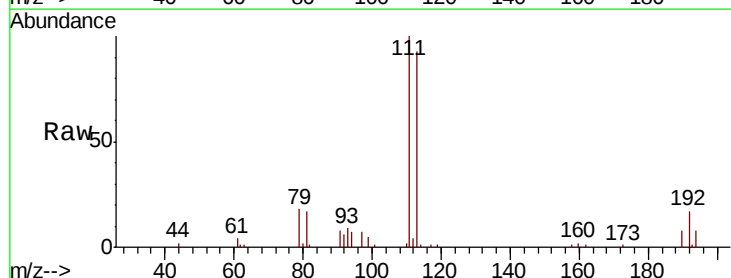


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

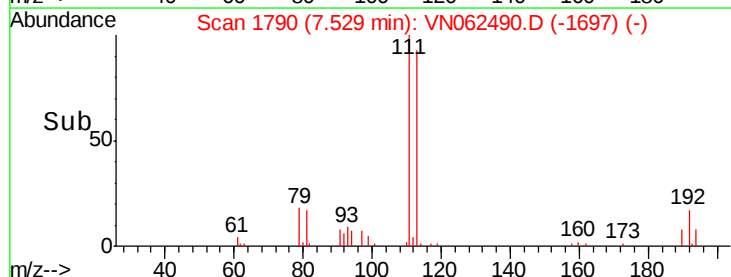
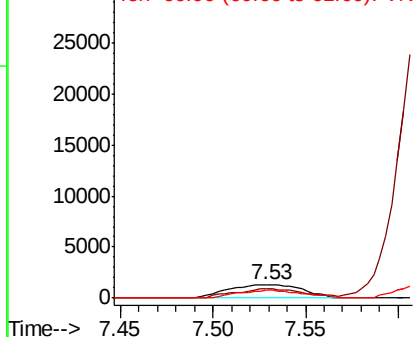


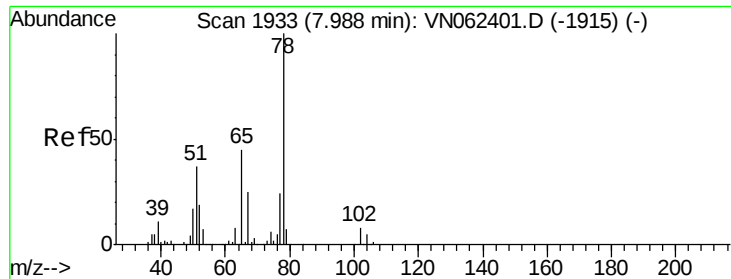
#32
1,1,1-Trichloroethane
Concen: 1.003 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Tgt Ion: 97 Resp: 3637
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 49.7 39.9 59.9



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

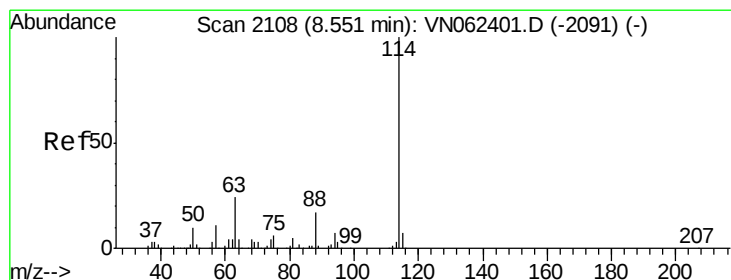
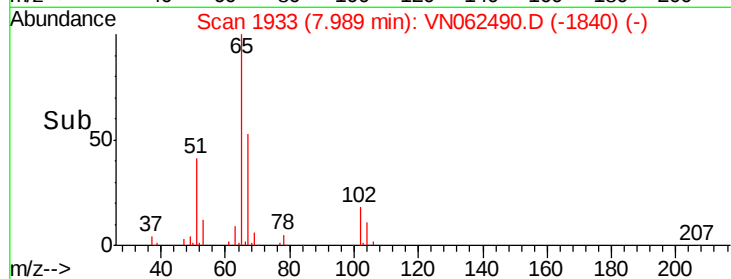
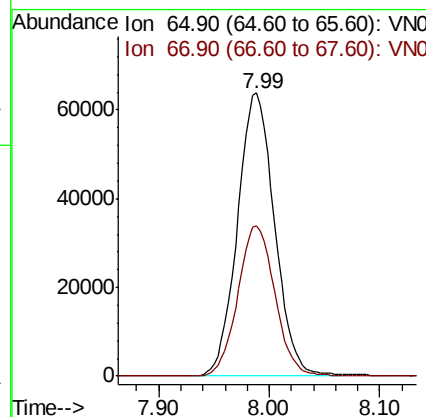
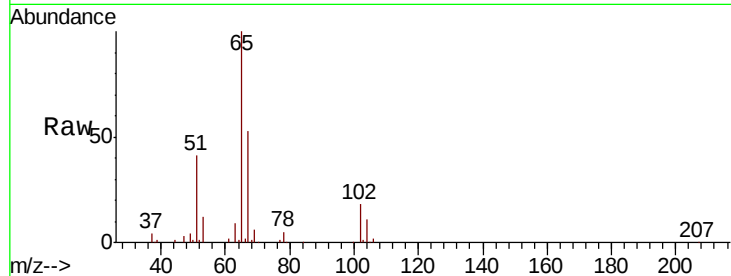




#33
 1,2-Dichloroethane-d4
 Concen: 49.435 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

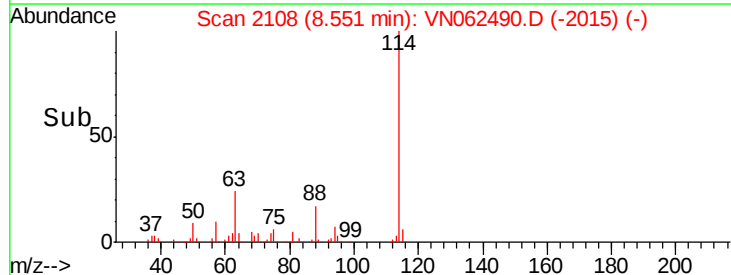
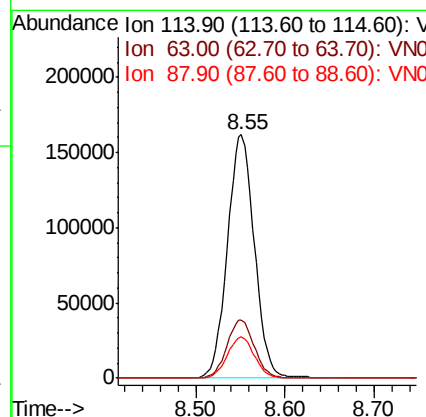
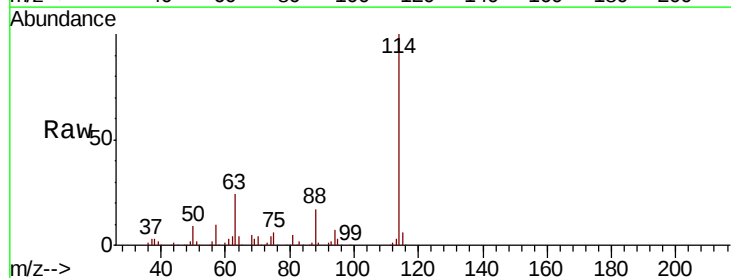
Instrument :
 MSVOA_N
 ClientSampleId :

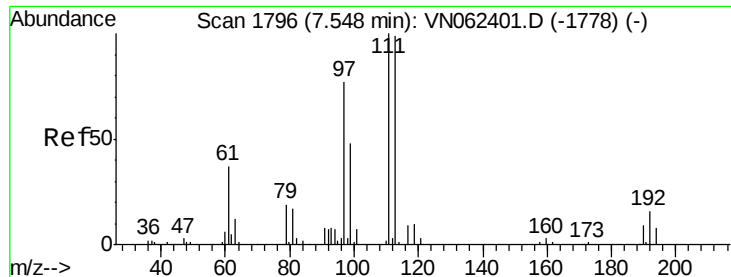
Tot Ion: 65 Resp: 148949
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Tgt Ion: 114 Resp: 338949
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.4
 88 16.7 0.0 33.8

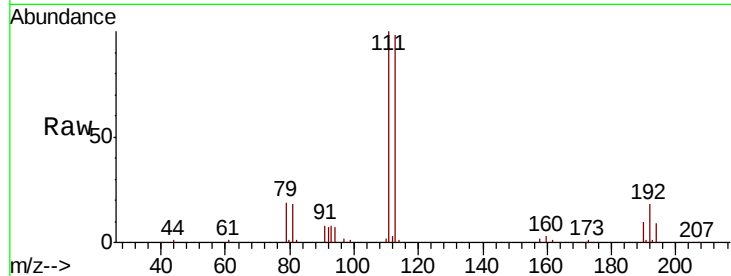




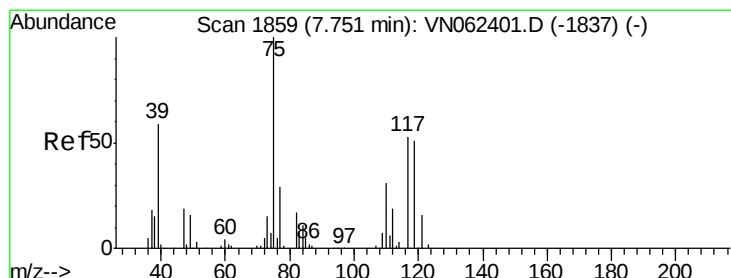
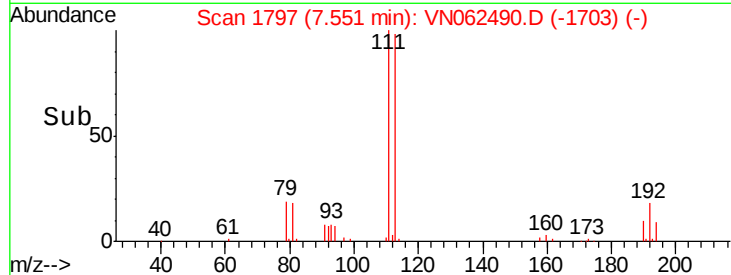
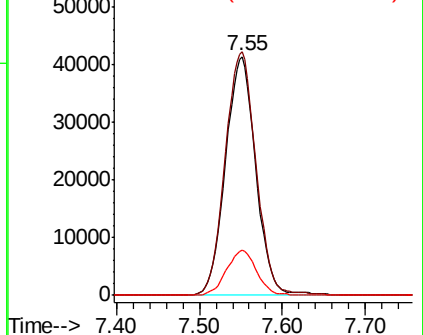
#35
 Dibromofluoromethane
 Concen: 50.094 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 104955
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.1 124.7
 192 18.7 14.1 21.1

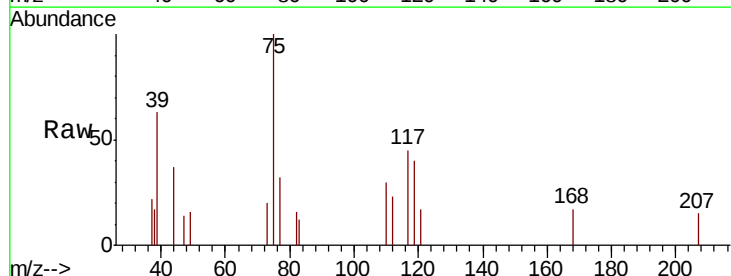


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

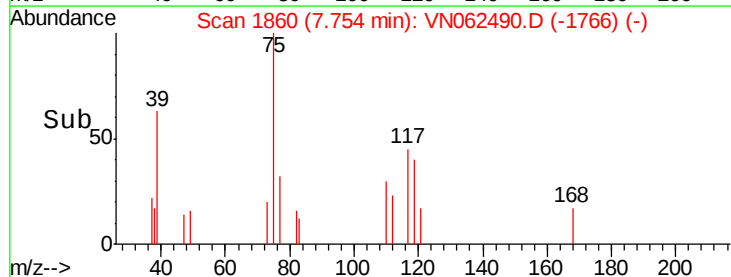
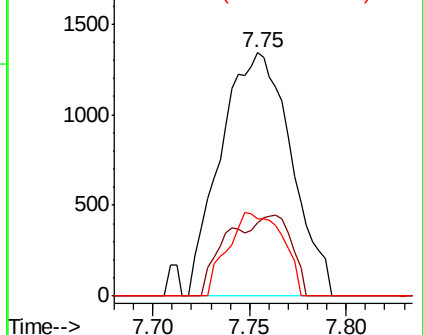


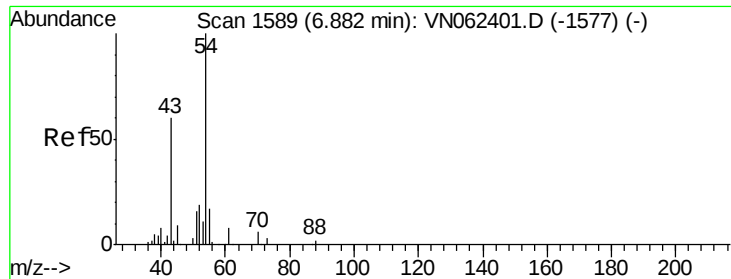
#36
 1,1-Dichloropropene
 Concen: 0.995 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Tgt Ion: 75 Resp: 3399
 Ion Ratio Lower Upper
 75 100
 110 11.8 15.4 46.2#
 77 26.5 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

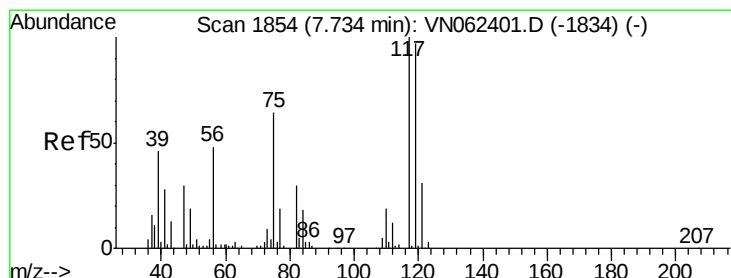
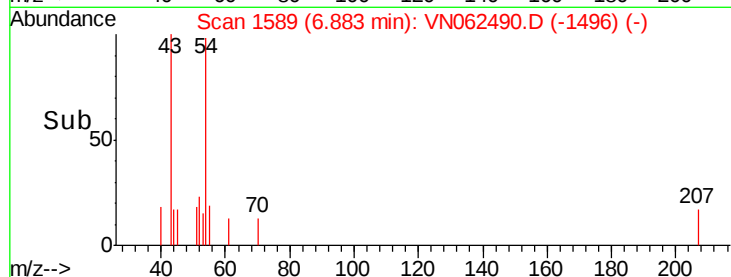
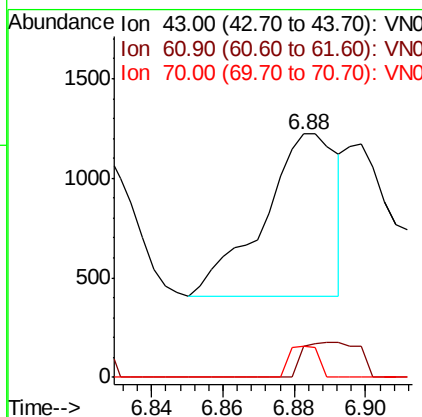
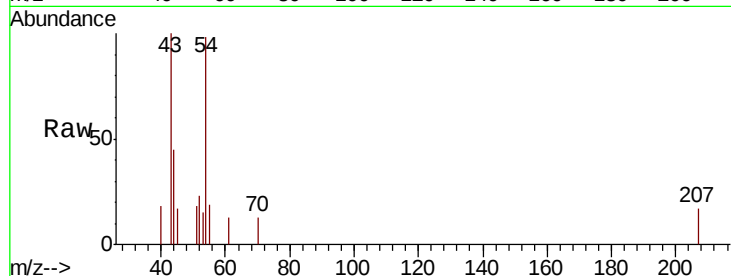




#37
Ethyl Acetate
Concen: 0.290 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

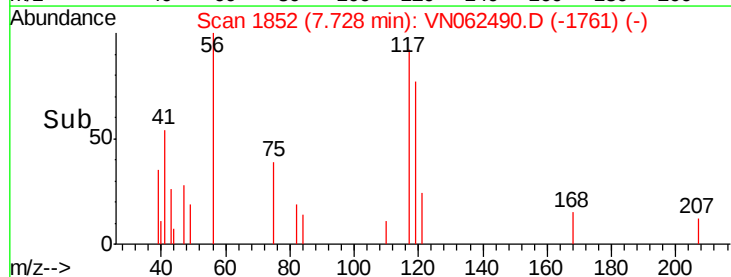
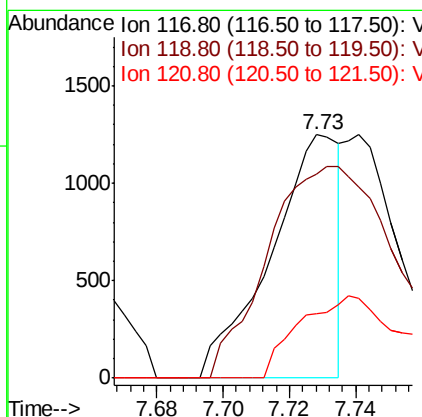
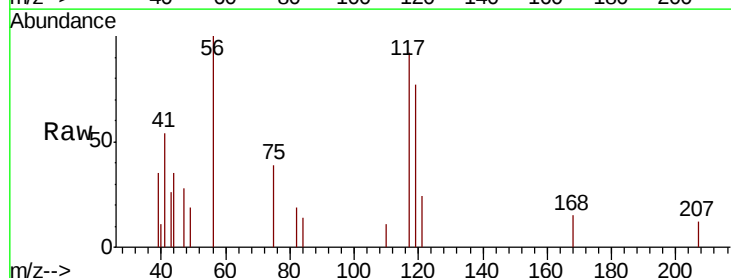
Instrument :
MSVOA_N
ClientSampleId :

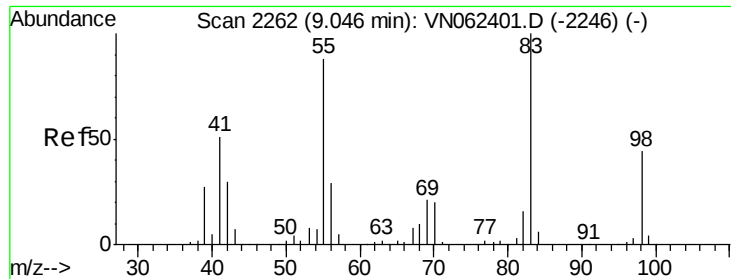
Tot Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
61 16.4 10.7 16.1#
70 7.6 7.2 10.8



#38
Carbon Tetrachloride
Concen: 0.584 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Tgt Ion: 117 Resp: 1792
Ion Ratio Lower Upper
117 100
119 83.7 77.2 115.8
121 26.6 24.8 37.2

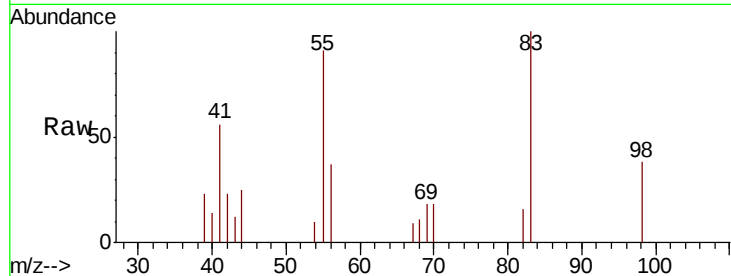




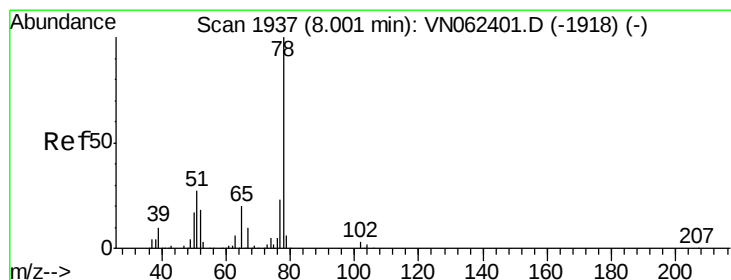
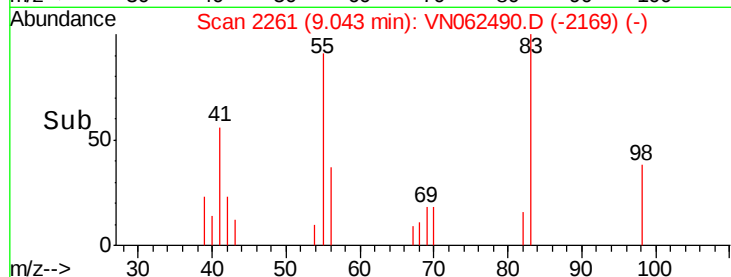
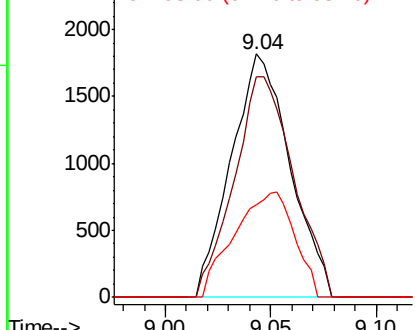
#39
Methvlcvclohexane
Concen: 0.965 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 3518
Ion Ratio Lower Upper
83 100
55 90.8 70.5 105.7
98 38.2 35.5 53.3

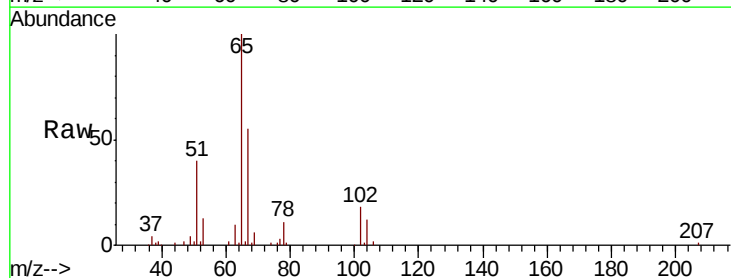


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

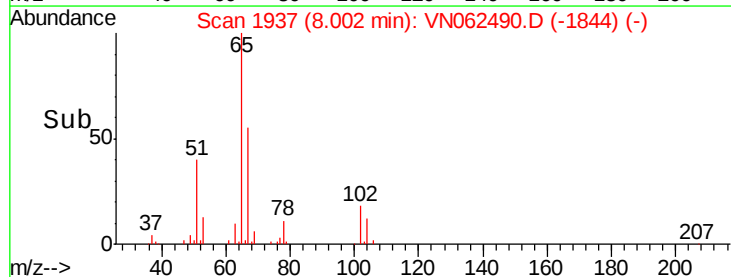
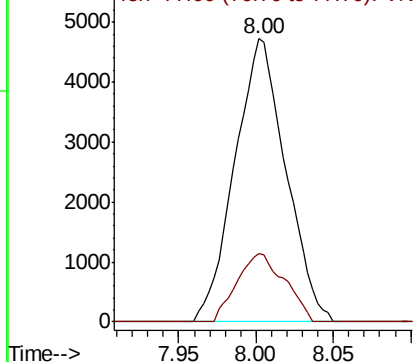


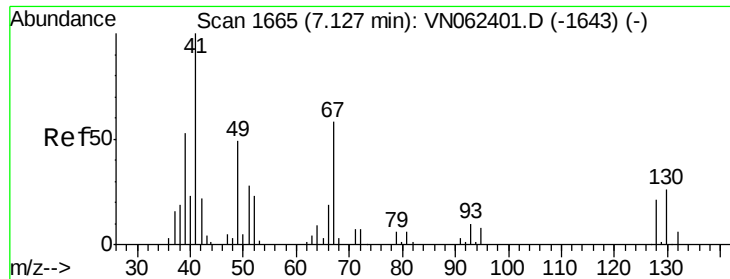
#40
Benzene
Concen: 1.074 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Tgt Ion: 78 Resp: 10809
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

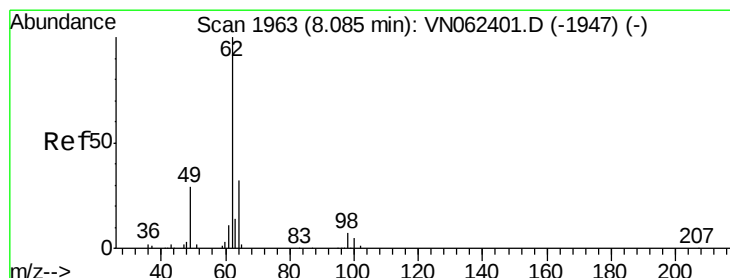
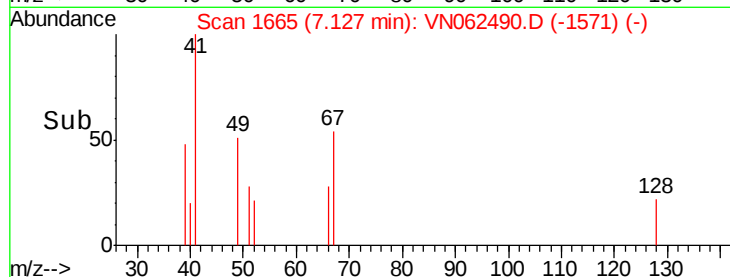
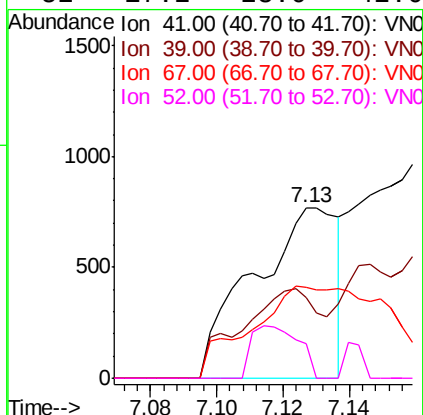
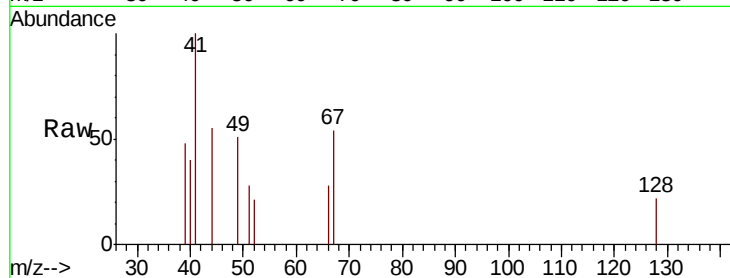




#41
Methacrylonitrile
Concen: 0.815 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

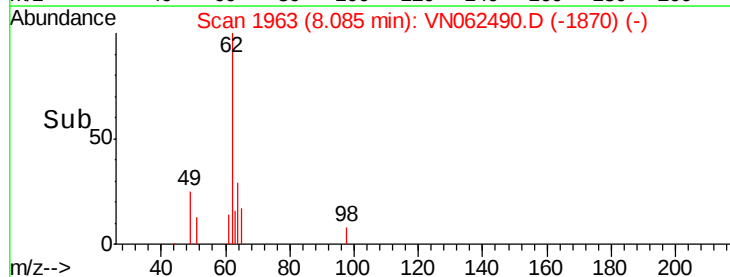
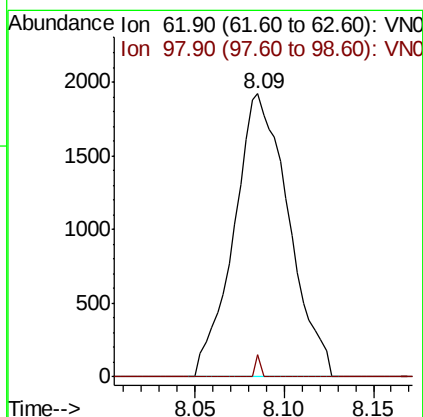
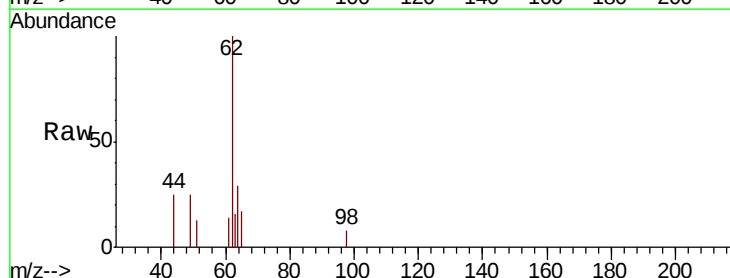
Instrument :
MSVOA_N
ClientSampleId :

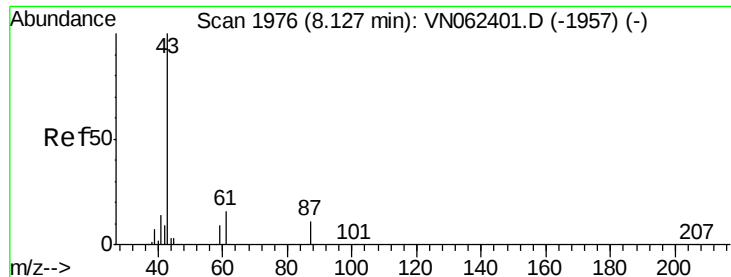
Tot Ion: 41 Resp: 1359
Ion Ratio Lower Upper
41 100
39 49.0 50.2 75.2#
67 85.7 64.2 96.2
52 17.2 28.0 42.0#



#42
1,2-Dichloroethane
Concen: 1.114 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Tgt Ion: 62 Resp: 4107
Ion Ratio Lower Upper
62 100
98 0.7 0.0 15.8





#43

Isopropyl Acetate

Concen: 0.990 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

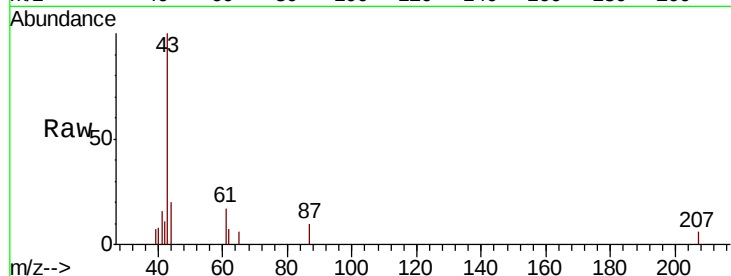
Tot Ion: 43 Resp: 6243

Ion Ratio Lower Upper

43 100

61 17.7 19.3 28.9#

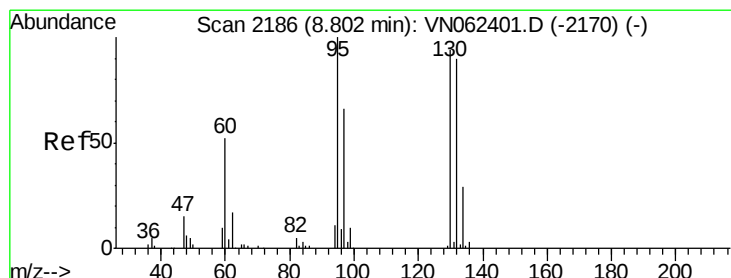
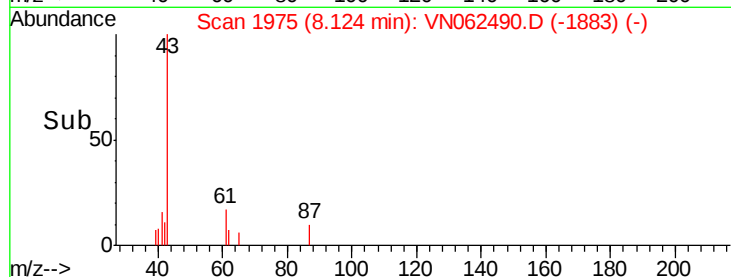
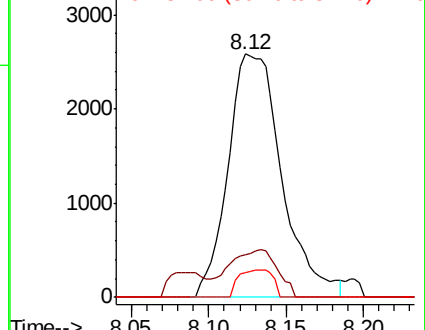
87 7.1 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN062490.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062490.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062490.D (-1957) (-)



#44

Trichloroethene

Concen: 1.012 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062490.D

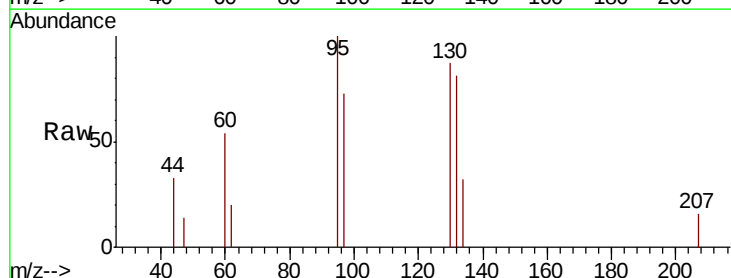
Acq: 10 Jul 2020 13:54

Tgt Ion: 130 Resp: 2260

Ion Ratio Lower Upper

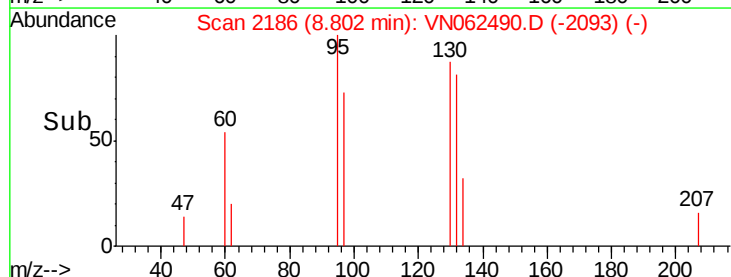
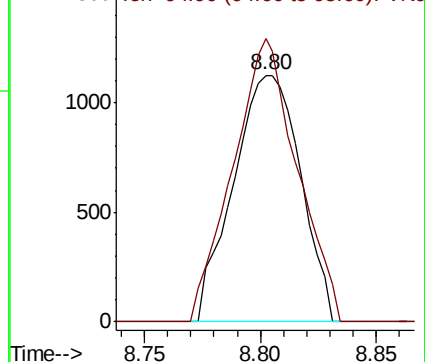
130 100

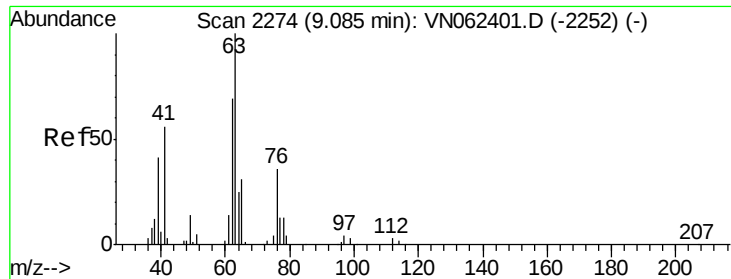
95 114.8 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062490.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062490.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 1.025 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.01 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

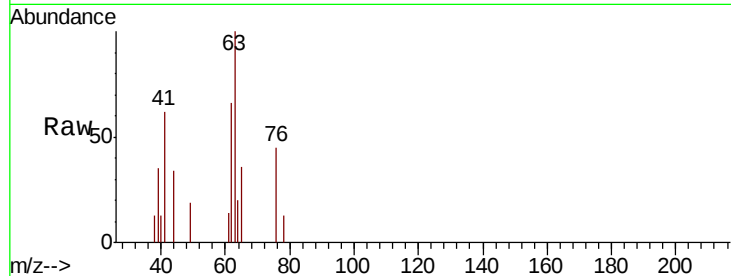
ClientSampled :

Tot Ion: 63 Resp: 2996

Ion Ratio Lower Upper

63 100

65 35.6 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN062490.D (-2272) (-)

Ion 64.90 (64.60 to 65.60): VN062490.D (-2272) (-)

9.08

1500

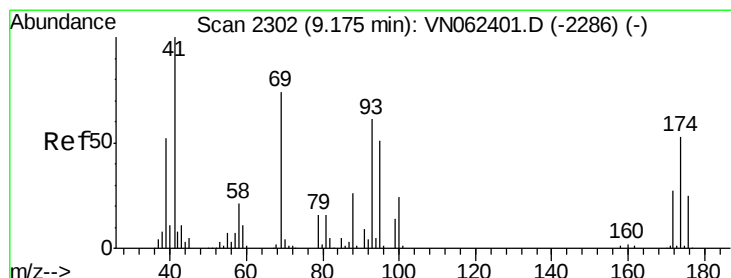
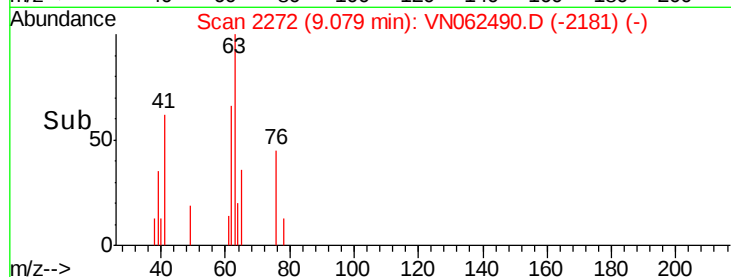
1000

500

0

9.05 9.10

Time-->



#46

Dibromomethane

Concen: 1.051 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

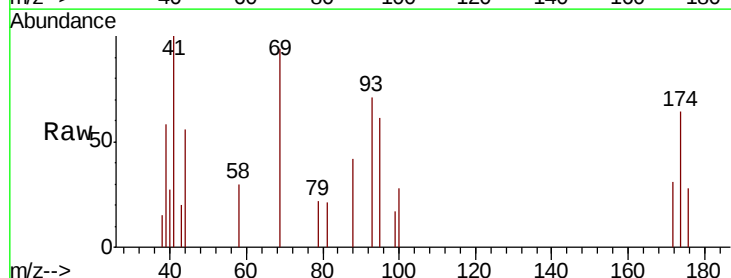
Tgt Ion: 93 Resp: 1733

Ion Ratio Lower Upper

93 100

95 81.3 67.1 100.7

174 80.4 70.4 105.6



Abundance Ion 92.80 (92.50 to 93.50): VN062490.D (-2299) (-)

Ion 94.80 (94.50 to 95.50): VN062490.D (-2299) (-)

Ion 173.70 (173.40 to 174.40): VN062490.D (-2299) (-)

9.18

1000

800

600

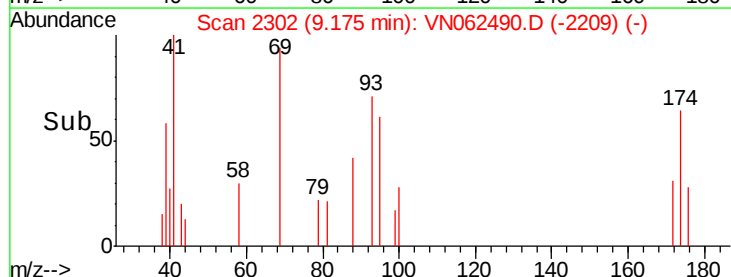
400

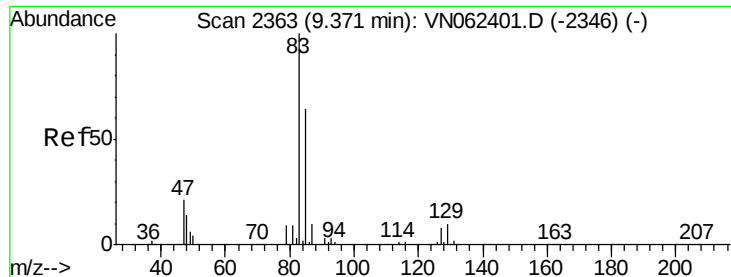
200

0

9.15 9.20

Time-->





#47

Bromodichloromethane

Concen: 1.005 ug/l

RT: 9.37 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

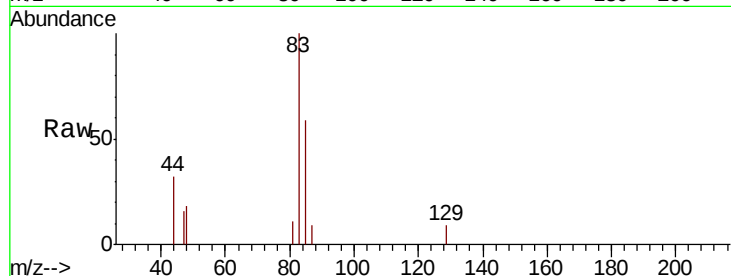
Tot Ion: 83 Resp: 3544

Ion Ratio Lower Upper

83 100

85 59.0 51.2 76.8

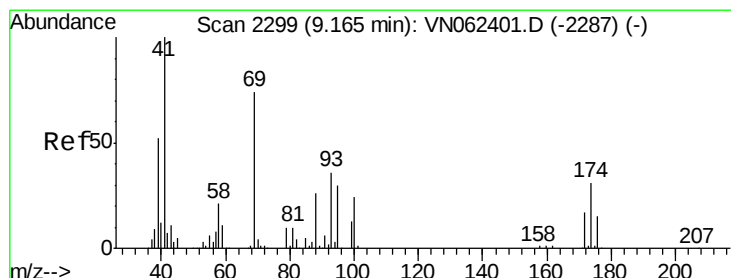
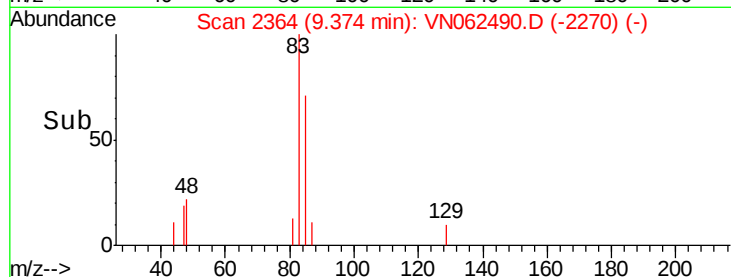
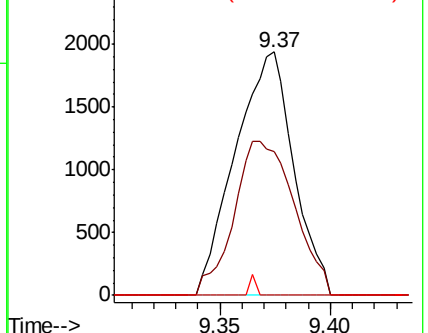
127 0.0 6.2 9.2#



Abundance Ion 82.90 (82.60 to 83.60): VN062490.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062490.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062490.D (-2270) (-)



#48

Methyl methacrylate

Concen: 0.881 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

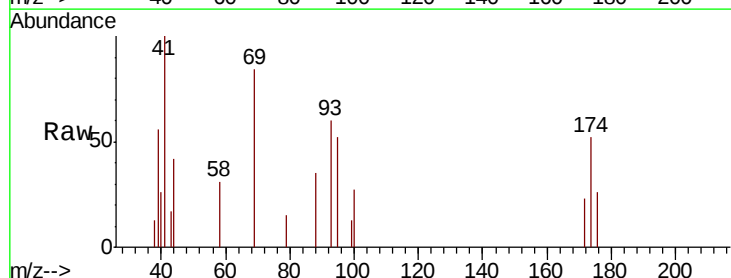
Tgt Ion: 41 Resp: 2725

Ion Ratio Lower Upper

41 100

69 77.8 60.8 91.2

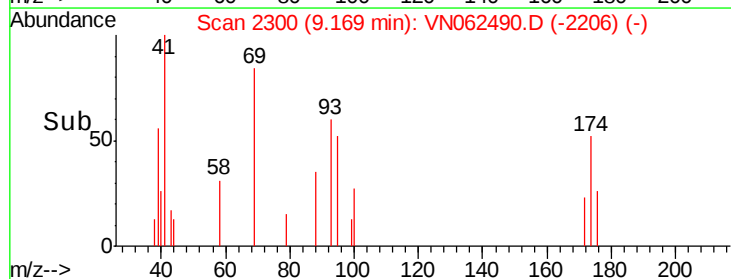
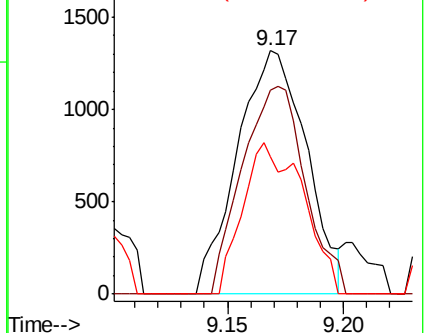
39 54.4 43.5 65.3

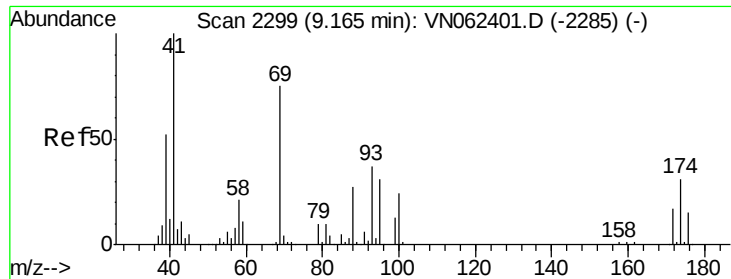


Abundance Ion 41.00 (40.70 to 41.70): VN062490.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062490.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062490.D (-2206) (-)

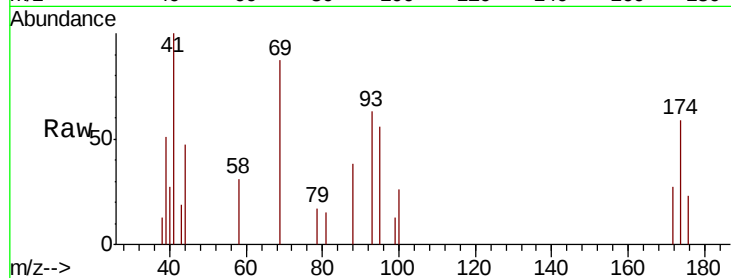




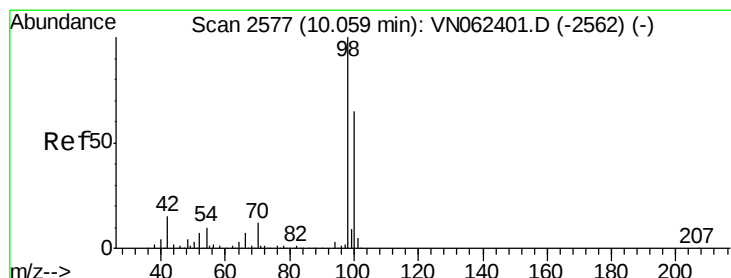
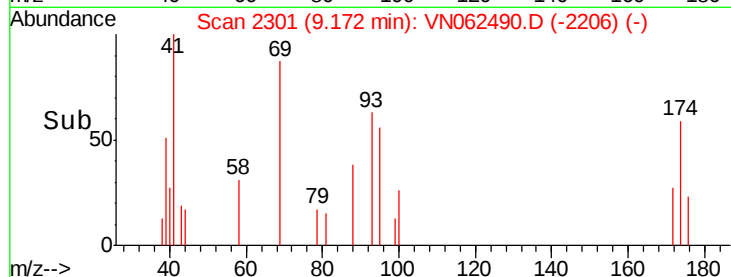
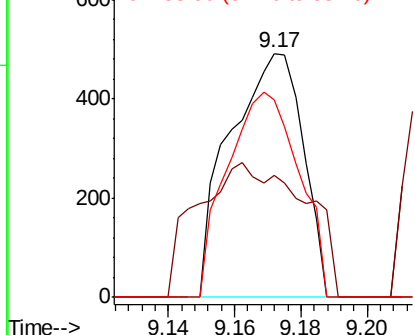
#49
1,4-Dioxane
Concen: 16.720 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 753
Ion Ratio Lower Upper
88 100
43 81.3 31.0 46.4#
58 82.9 63.3 94.9

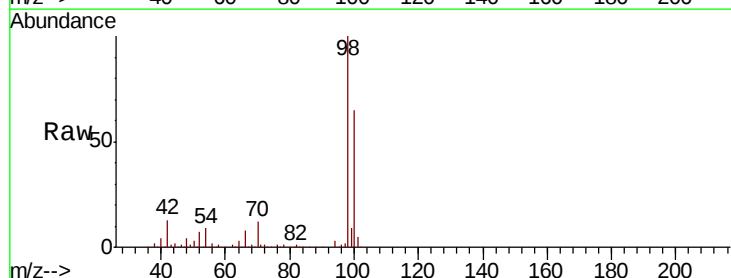


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

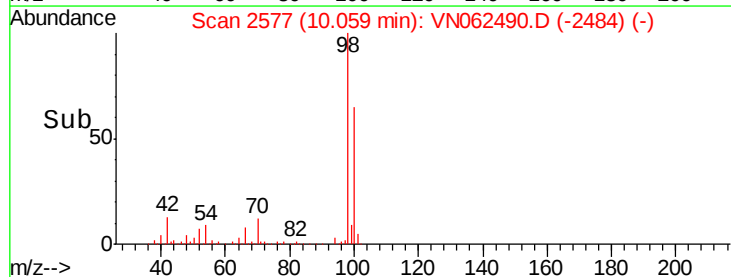
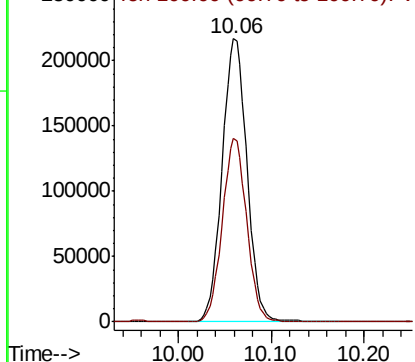


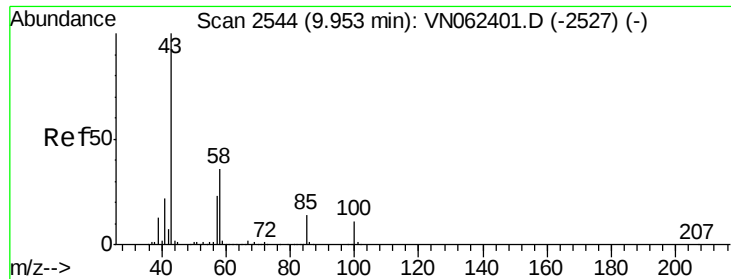
#50
Toluene-d8
Concen: 48.730 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Tgt Ion: 98 Resp: 403050
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 4.514 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

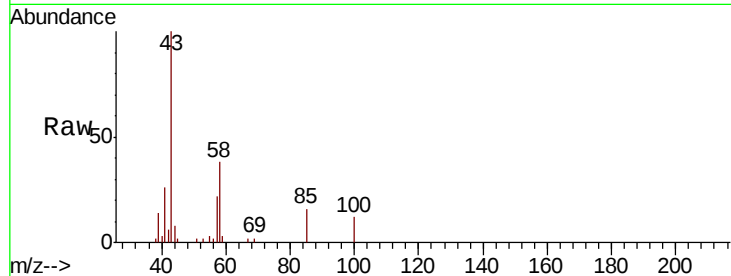
ClientSampled :

Tot Ion: 43 Resp: 17006

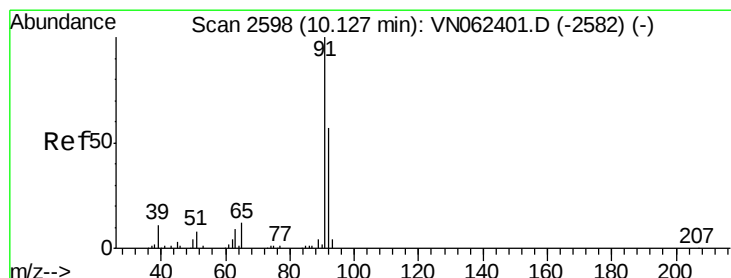
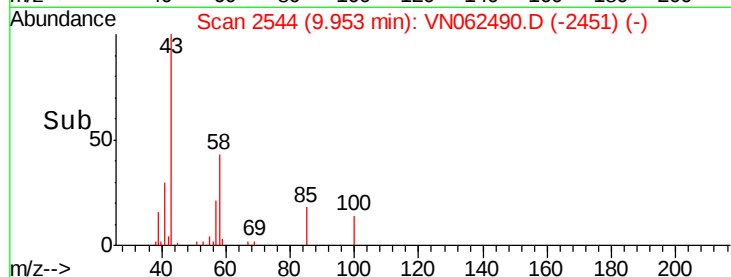
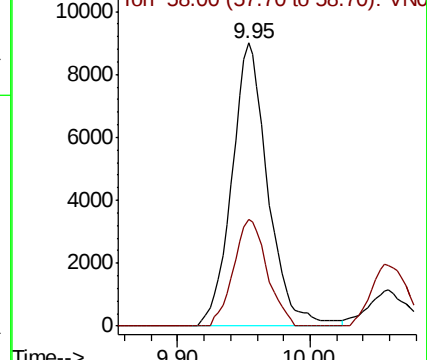
Ion Ratio Lower Upper

43 100

58 34.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-2527) (-)



#52

Toluene

Concen: 1.037 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062490.D

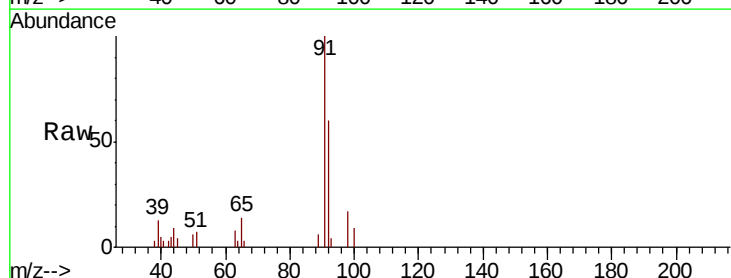
Acq: 10 Jul 2020 13:54

Tgt Ion: 92 Resp: 6028

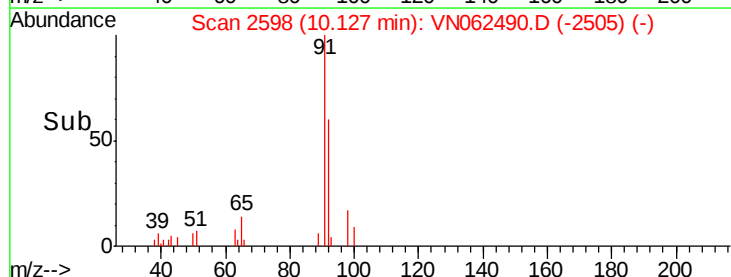
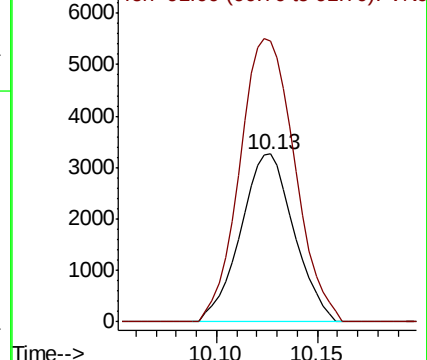
Ion Ratio Lower Upper

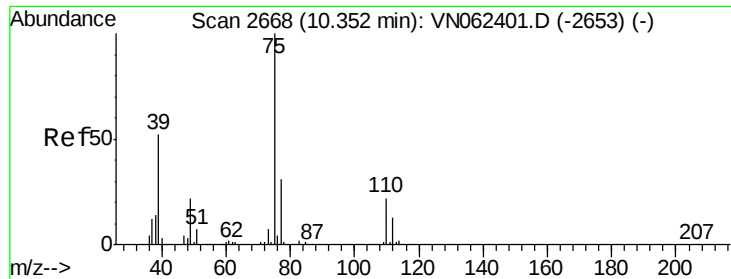
92 100

91 174.2 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN062401.D (-2582) (-)





#53

t-1,3-Dichloropropene

Concen: 0.875 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

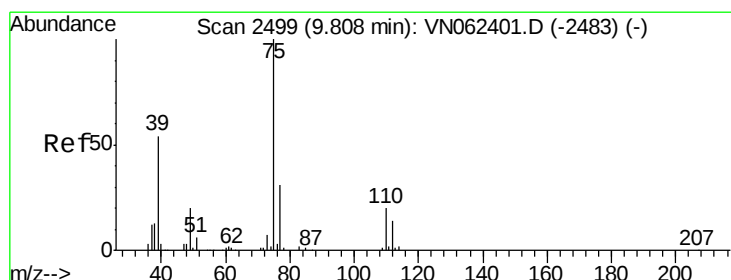
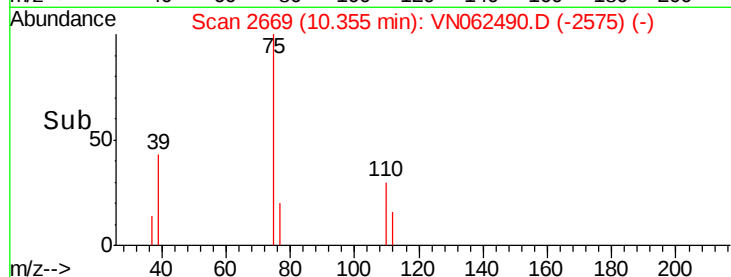
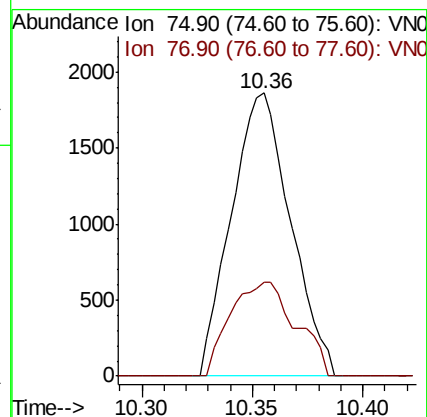
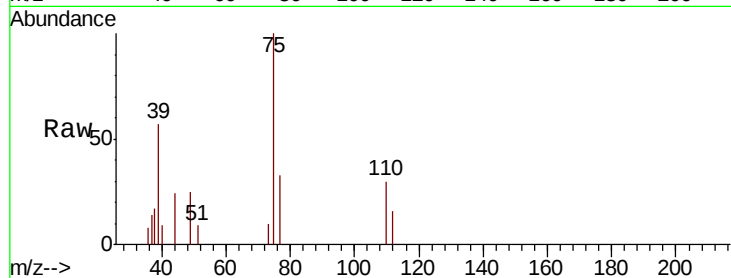
ClientSampled :

Tot Ion: 75 Resp: 3457

Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 0.890 ug/l

RT: 9.81 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

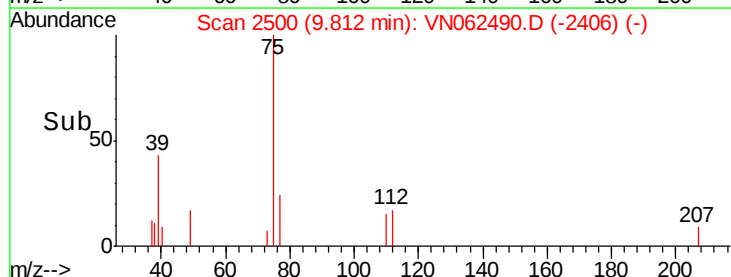
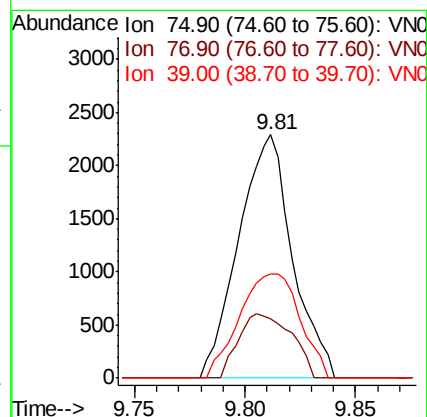
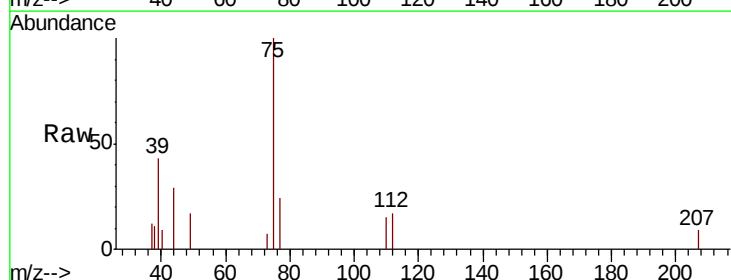
Tgt Ion: 75 Resp: 3880

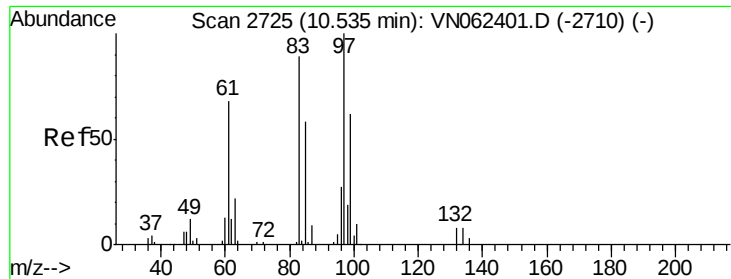
Ion Ratio Lower Upper

75 100

77 24.3 24.5 36.7#

39 42.9 43.4 65.0#

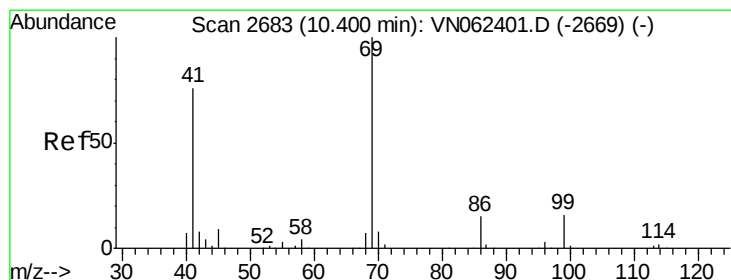
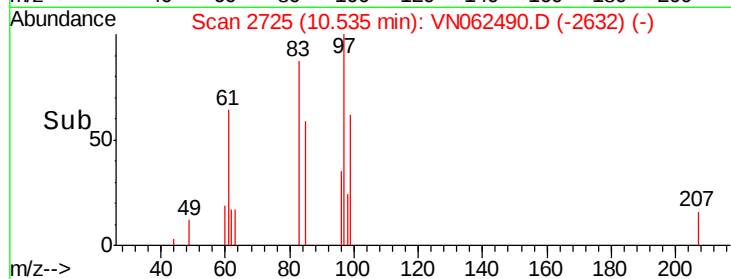
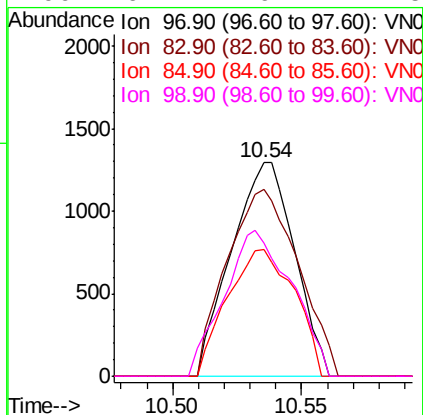
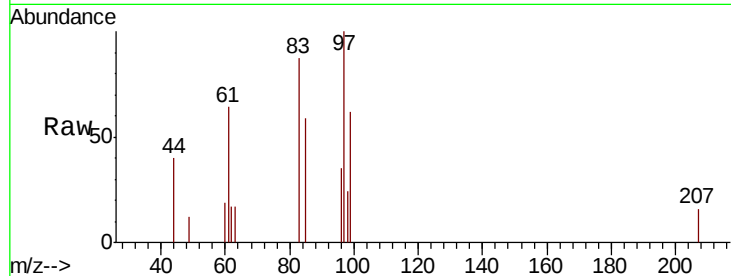




#55
 1,1,2-Trichloroethane
 Concen: 0.964 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

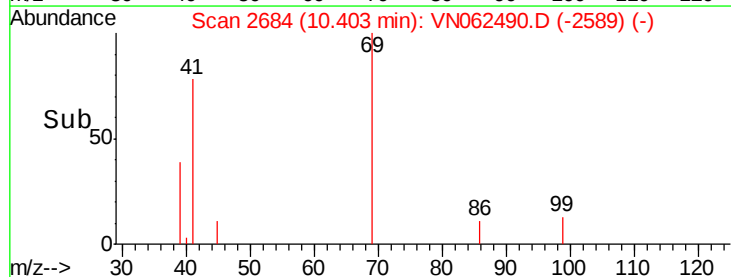
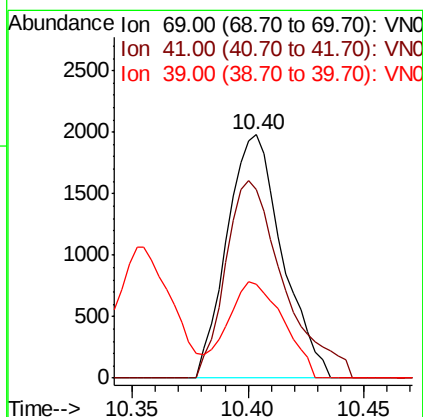
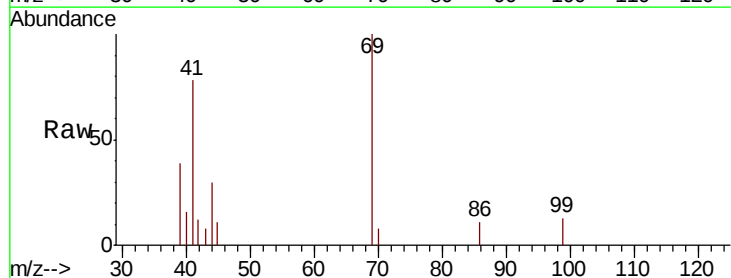
Instrument :
 MSVOA_N
 ClientSampleId :

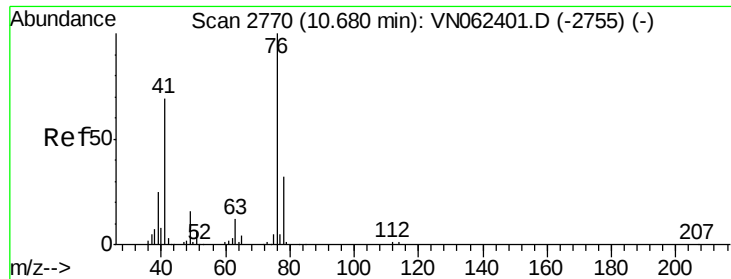
Tot Ion:	97	Resp:	2205
Ion	Ratio	Lower	Upper
97	100		
83	87.5	71.0	106.4
85	59.1	46.2	69.4
99	62.2	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 0.858 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Tgt Ion:	69	Resp:	3279
Ion	Ratio	Lower	Upper
69	100		
41	85.4	59.7	89.5
39	40.1	30.6	45.8





#57

1,3-Dichloropropane

Concen: 0.927 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

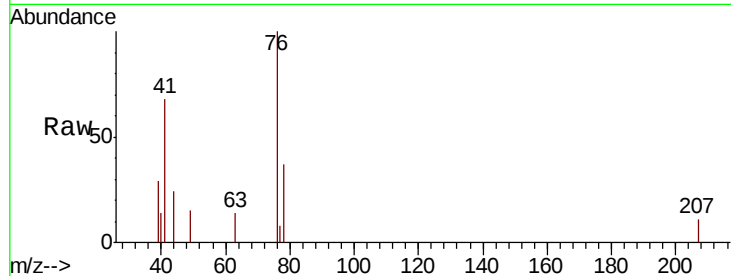
ClientSampleId :

Tot Ion: 76 Resp: 3914

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN062490.D (-2677) (-)

Ion 77.90 (77.60 to 78.60): VN062490.D (-2677) (-)

10.68

2500

2000

1500

1000

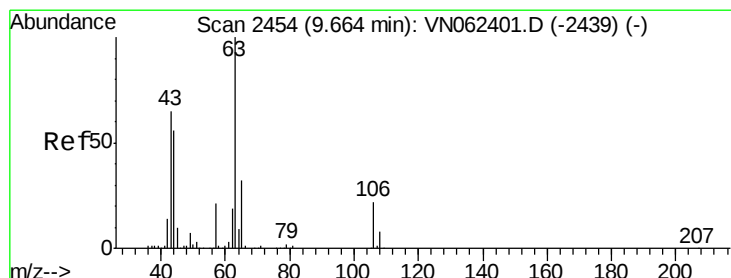
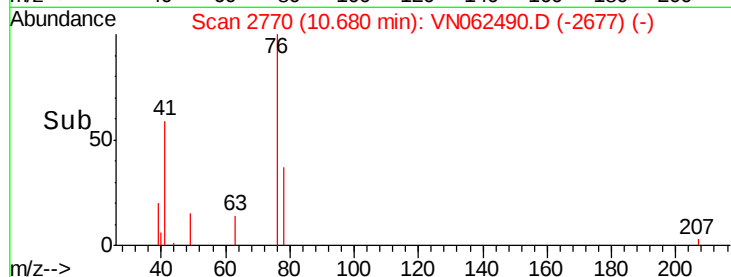
500

0

10.65

10.70

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 2.981 ug/l

RT: 9.67 min Scan# 2455

Delta R.T. 0.00 min

Lab File: VN062490.D

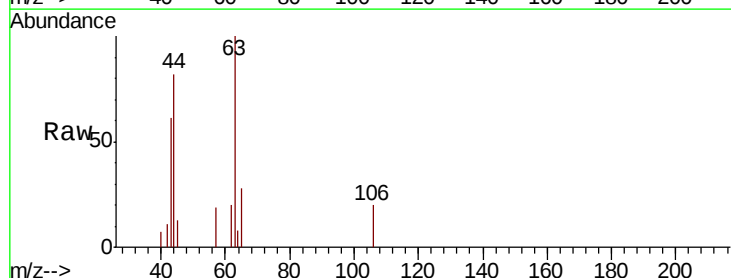
Acq: 10 Jul 2020 13:54

Tgt Ion: 63 Resp: 4044

Ion Ratio Lower Upper

63 100

106 19.1 17.6 26.4



Abundance Ion 62.90 (62.60 to 63.60): VN062490.D (-2361) (-)

Ion 105.90 (105.60 to 106.60): VN062490.D (-2361) (-)

9.67

2500

2000

1500

1000

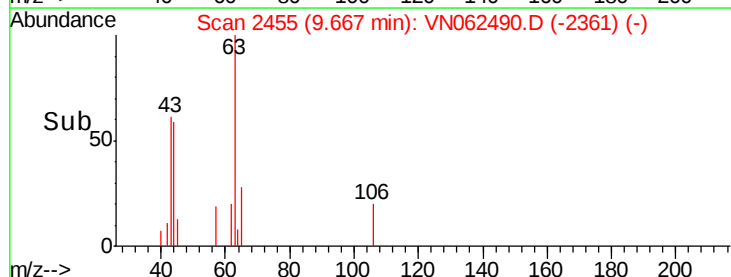
500

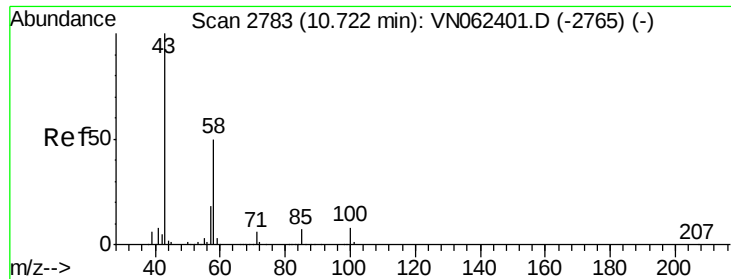
0

9.65

9.70

Time-->

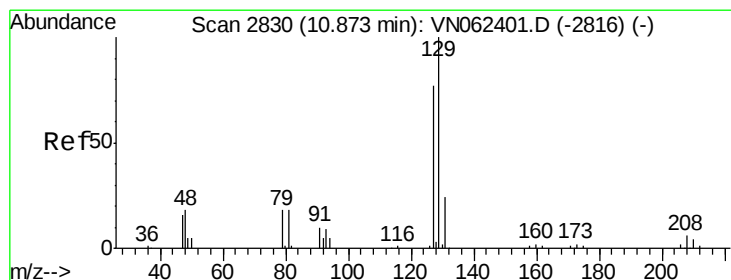
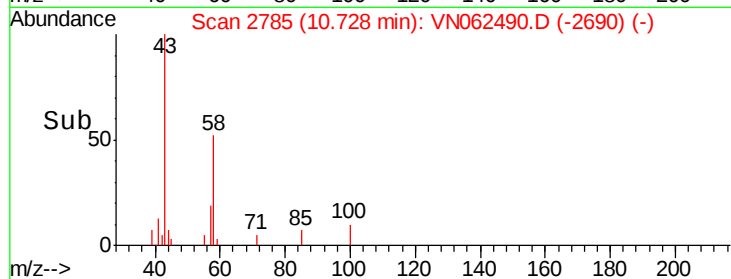
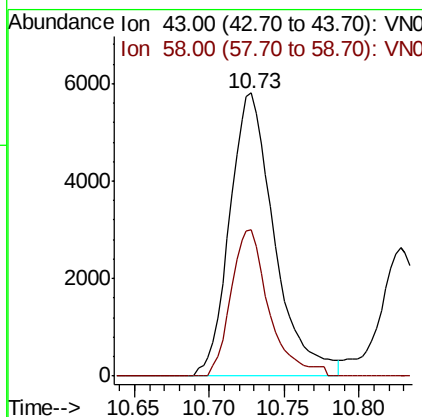
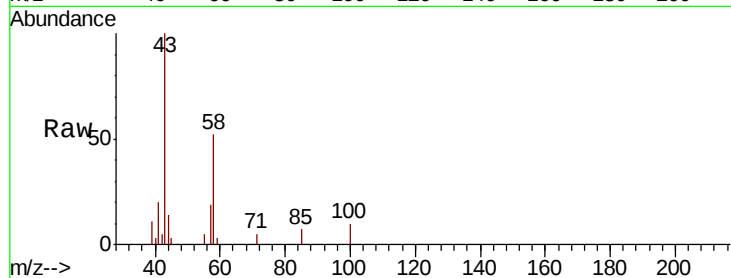




#59
2-Hexanone
Concen: 4.421 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.01 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

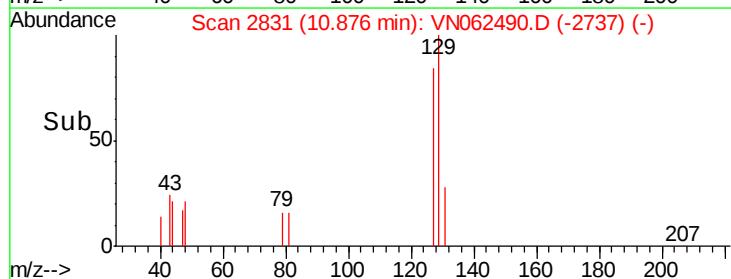
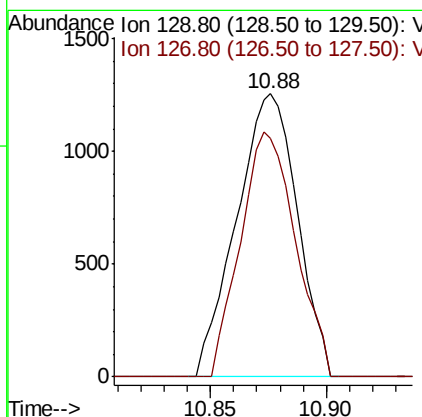
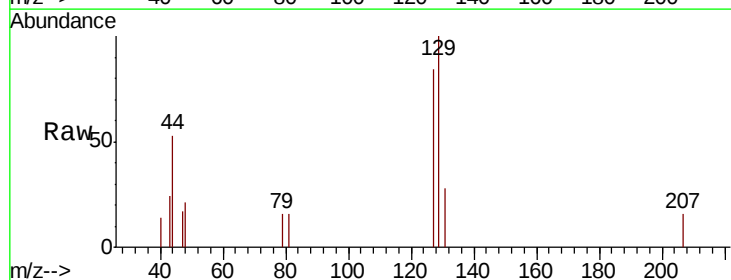
Instrument :
MSVOA_N
ClientSampled :

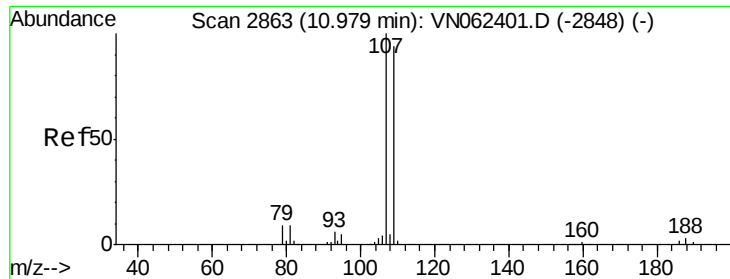
Tot Ion: 43 Resp: 12092
Ion Ratio Lower Upper
43 100
58 43.8 25.1 75.2



#60
Dibromochloromethane
Concen: 0.923 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Tgt Ion: 129 Resp: 2288
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.8

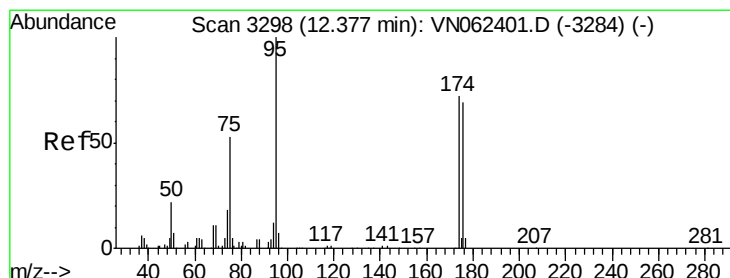
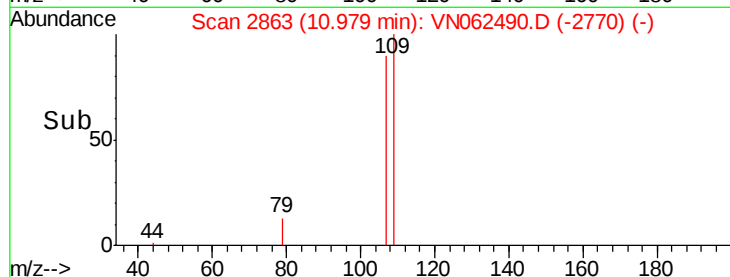
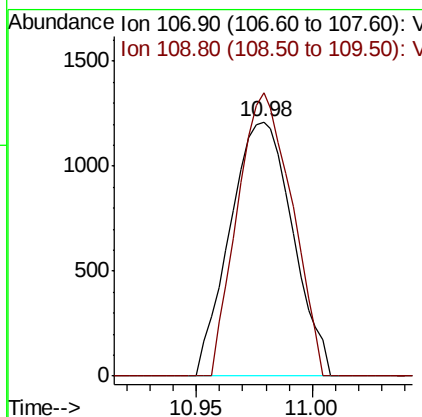
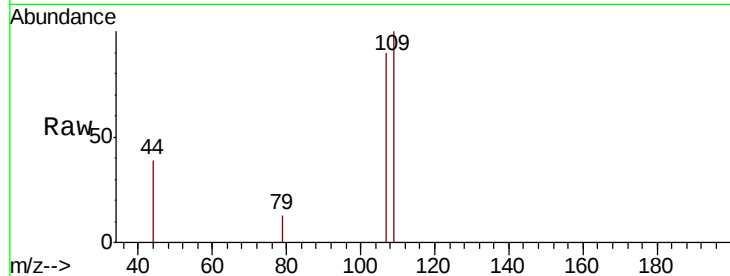




#61
 1,2-Dibromoethane
 Concen: 0.985 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

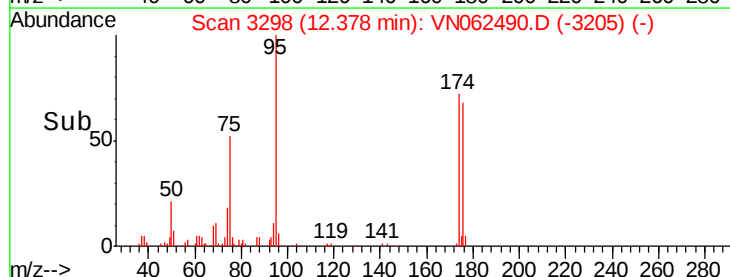
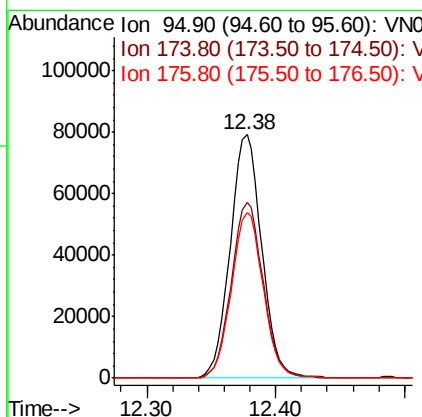
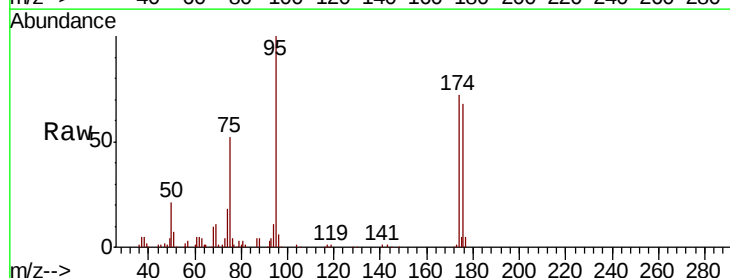
Instrument :
 MSVOA_N
 ClientSampled :

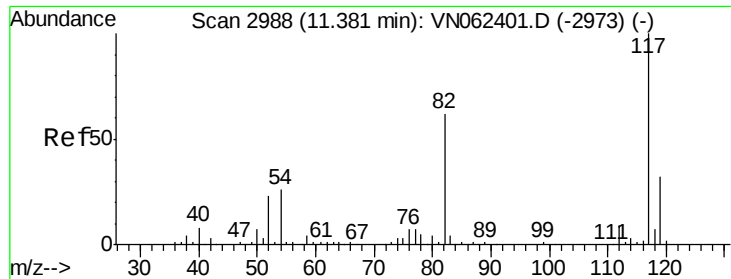
Tot Ion: 107 Resp: 2273
 Ion Ratio Lower Upper
 107 100
 109 96.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 44.472 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Tgt Ion: 95 Resp: 134418
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 141.6
 176 68.7 0.0 137.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

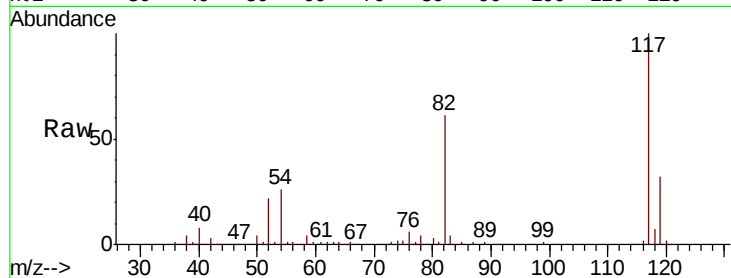
Tot Ion:117 Resp: 303633

Ion Ratio Lower Upper

117 100

82 61.1 49.6 74.4

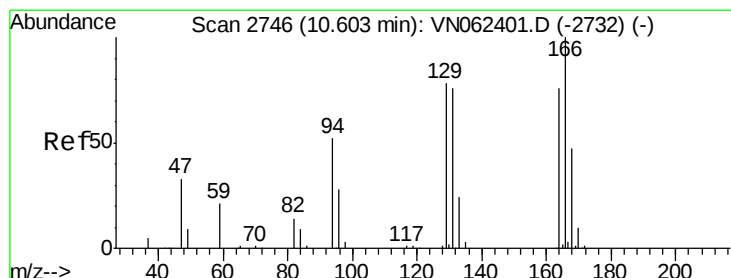
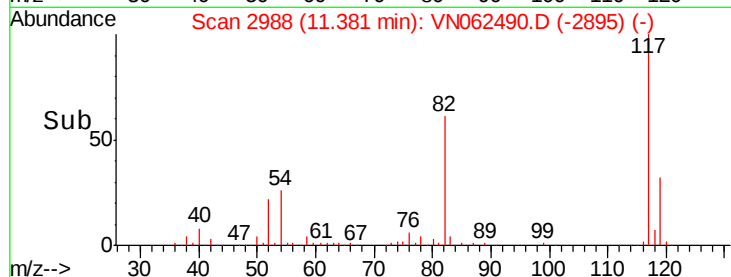
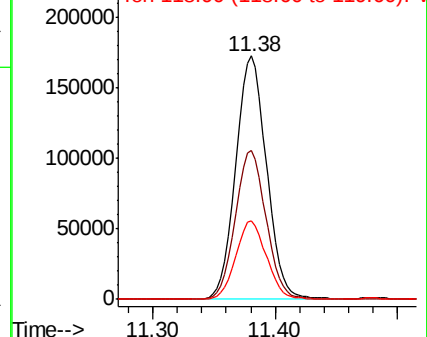
119 32.3 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.908 ug/l

RT: 10.61 min Scan# 2747

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Tgt Ion:164 Resp: 1636

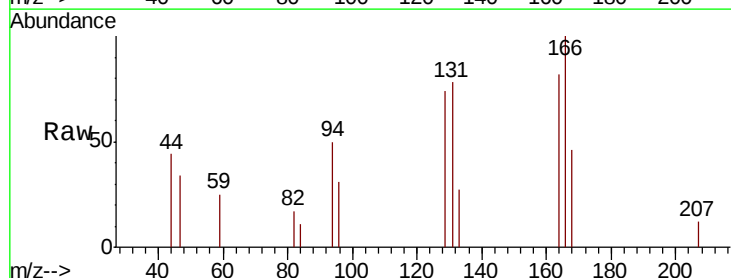
Ion Ratio Lower Upper

164 100

166 121.4 104.9 157.3

129 90.0 81.8 122.6

131 94.3 79.3 118.9

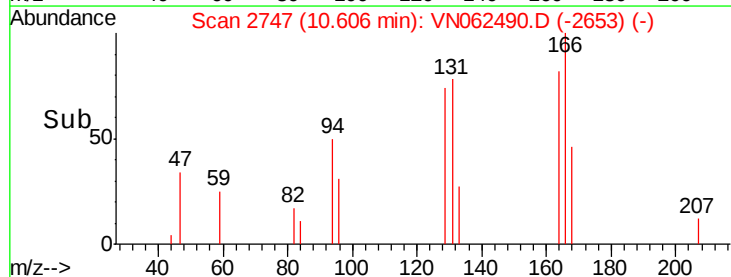
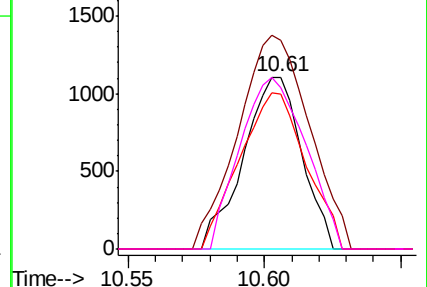


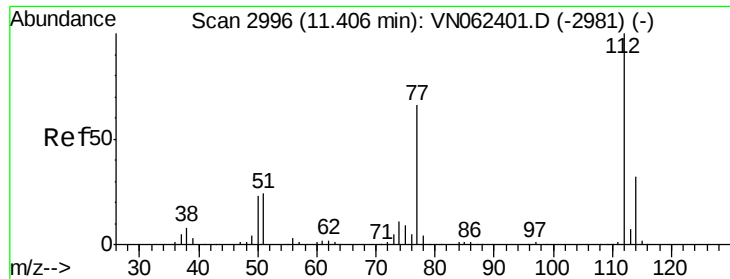
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

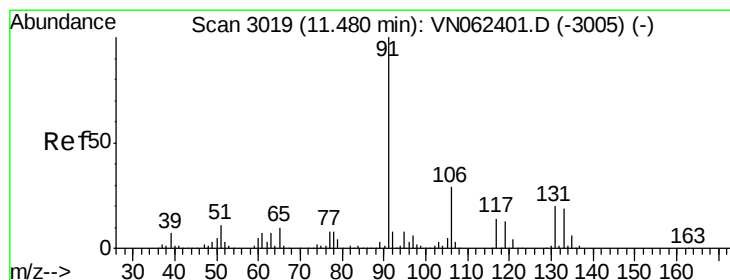
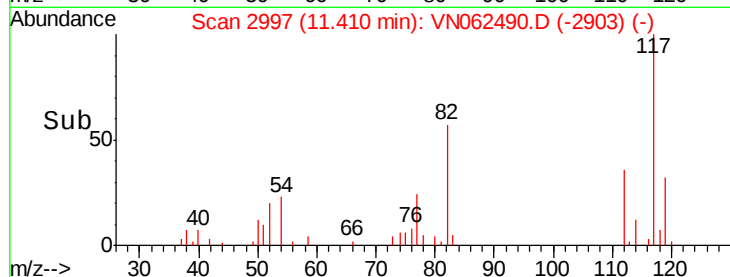
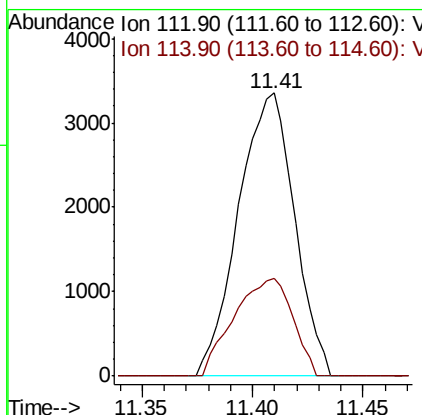
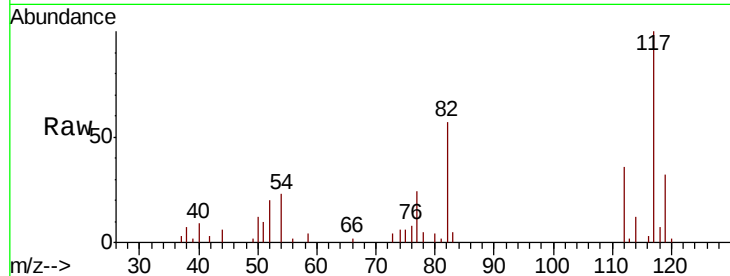




#65
Chlorobenzene
Concen: 1.001 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

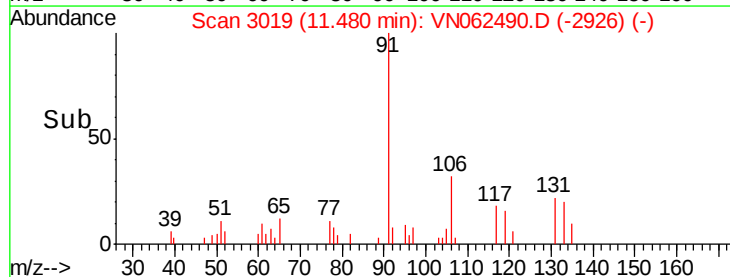
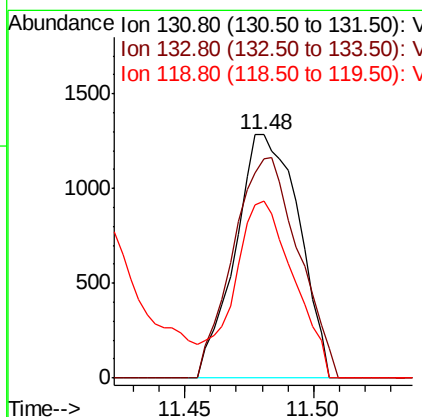
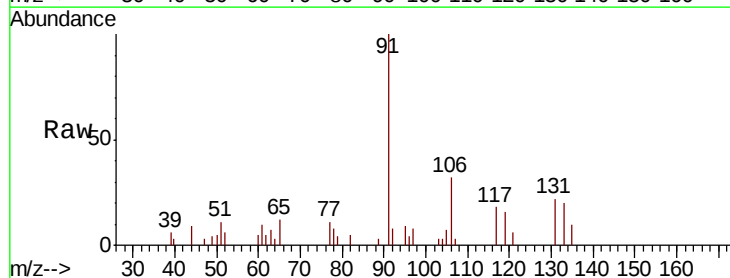
Instrument :
MSVOA_N
ClientSampled :

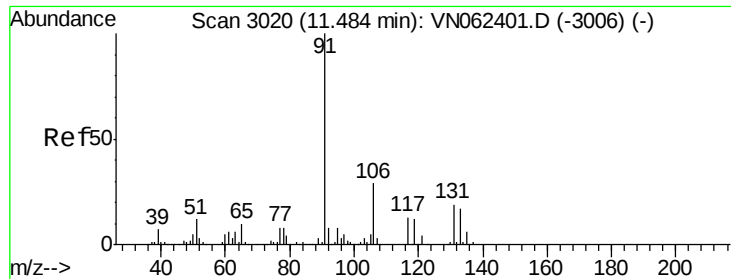
Tot Ion:112 Resp: 5908
Ion Ratio Lower Upper
112 100
114 34.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 1.014 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Tgt Ion:131 Resp: 2207
Ion Ratio Lower Upper
131 100
133 93.8 46.9 140.8
119 0.0 33.2 99.6#

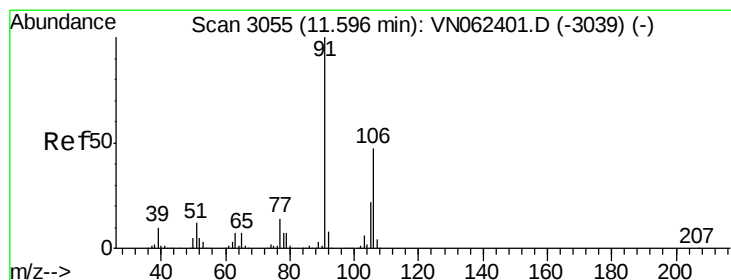
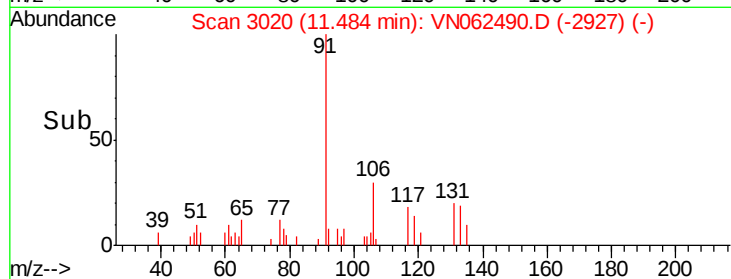
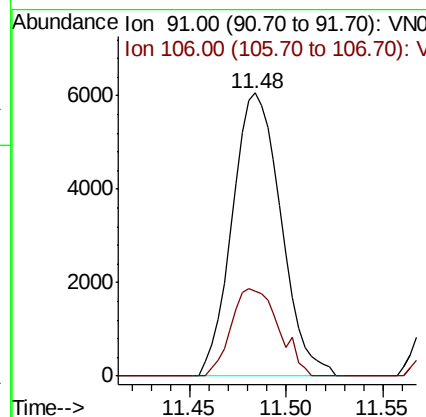
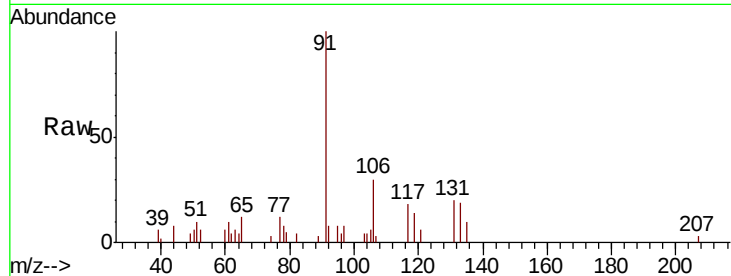




#67
Ethyl Benzene
Concen: 0.958 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

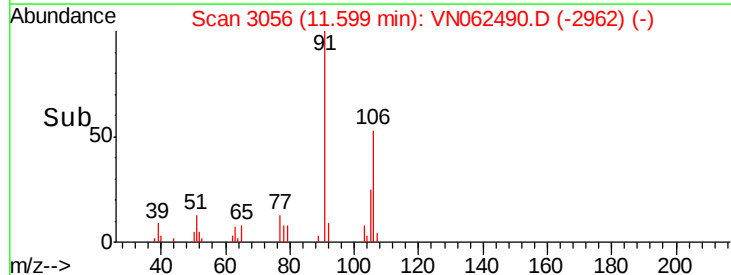
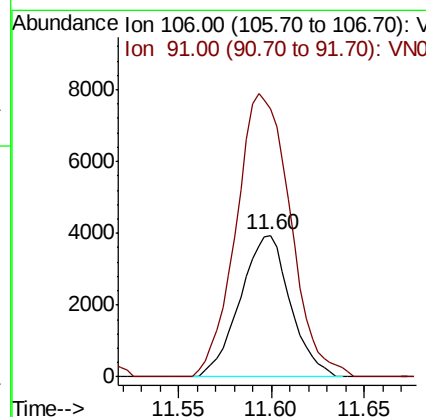
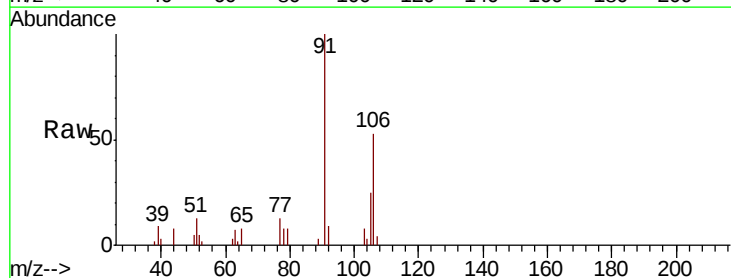
Instrument :
MSVOA_N
ClientSampled :

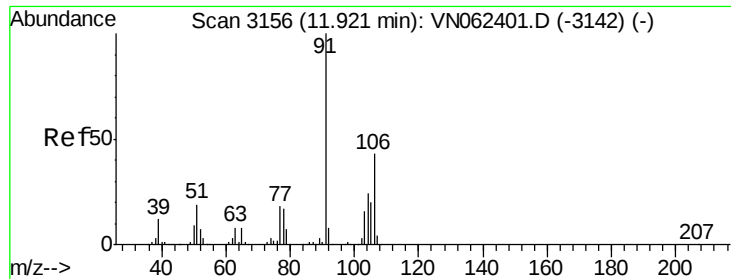
Tot Ion: 91 Resp: 10613
Ion Ratio Lower Upper
91 100
106 30.2 23.4 35.2



#68
m/p-Xylenes
Concen: 1.883 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Tgt Ion: 106 Resp: 7384
Ion Ratio Lower Upper
106 100
91 217.1 172.4 258.6

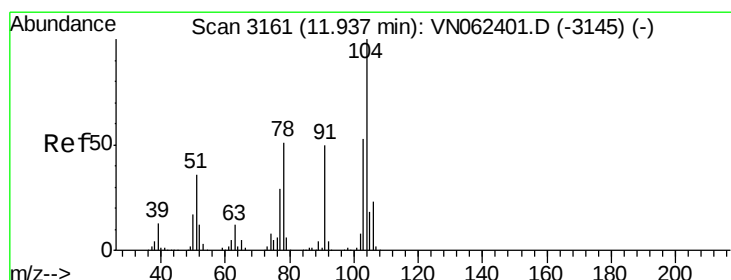
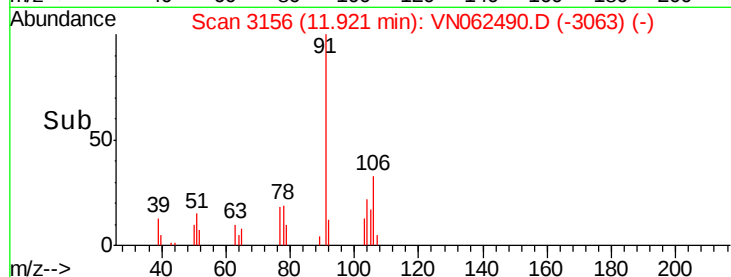
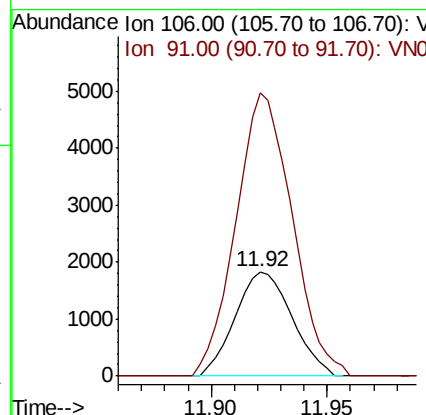
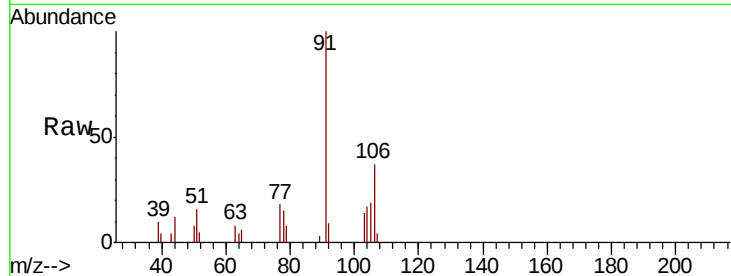




#69
o-Xylene
Concen: 0.819 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

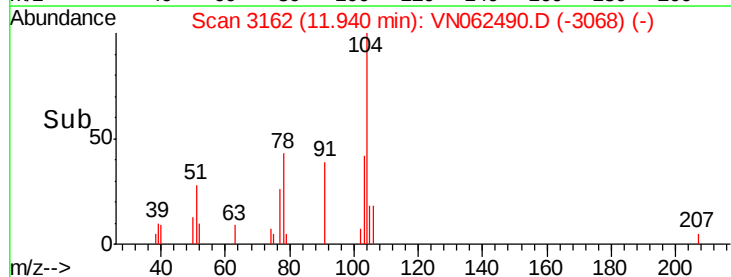
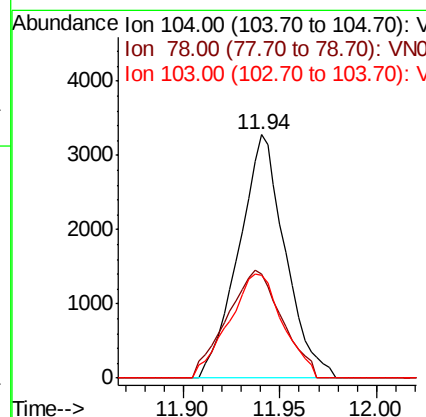
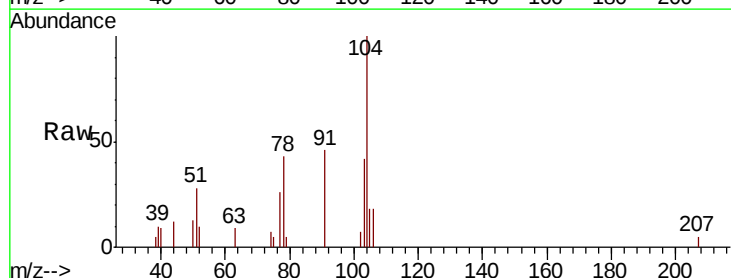
Instrument :
MSVOA_N
ClientSampled :

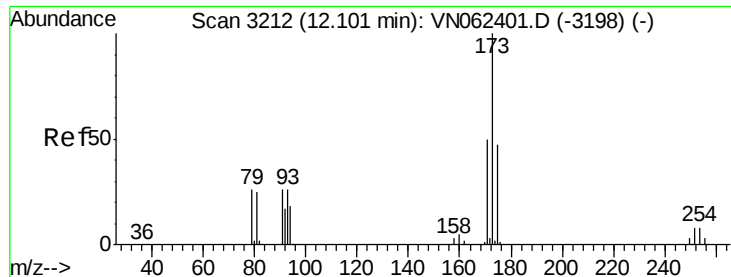
Tot Ion:106 Resp: 3126
Ion Ratio Lower Upper
106 100
91 268.3 113.8 341.4



#70
Styrene
Concen: 0.869 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062490.D
Acq: 10 Jul 2020 13:54

Tgt Ion:104 Resp: 5481
Ion Ratio Lower Upper
104 100
78 52.5 44.2 66.4
103 49.3 44.4 66.6





#71

Bromoform

Concen: 1.010 ug/l

RT: 12.09 min Scan# 3210

Delta R.T. -0.01 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

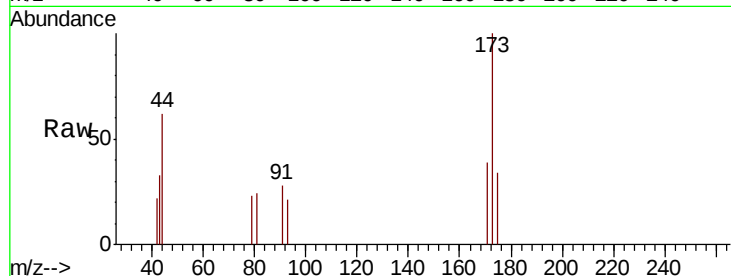
Tot Ion:173 Resp: 1611

Ion Ratio Lower Upper

173 100

175 32.8 23.7 71.1

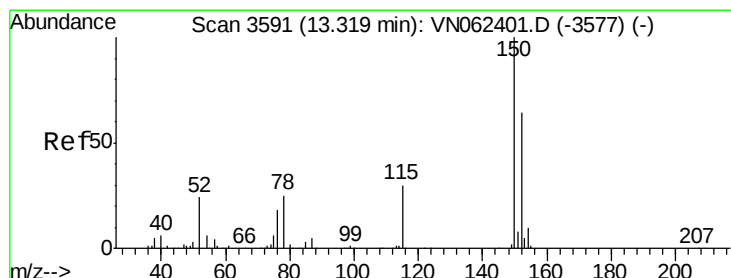
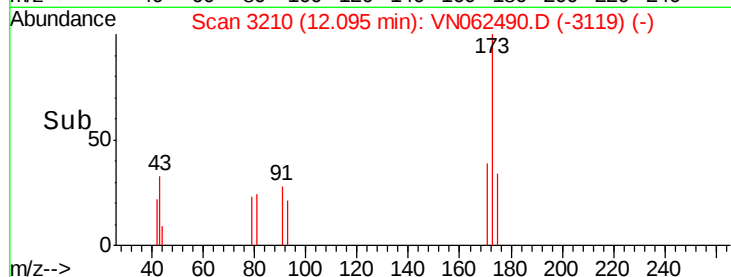
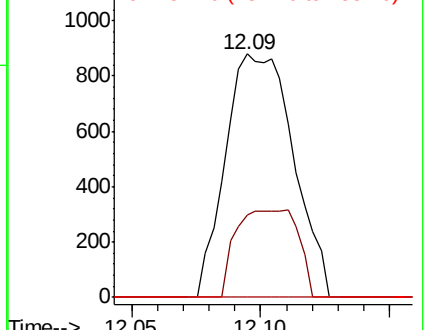
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

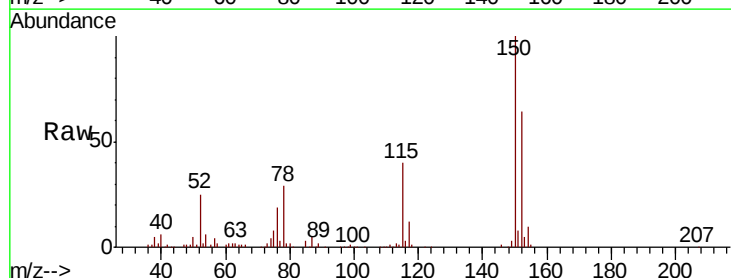
Tgt Ion:152 Resp: 116536

Ion Ratio Lower Upper

152 100

115 62.3 31.4 94.2

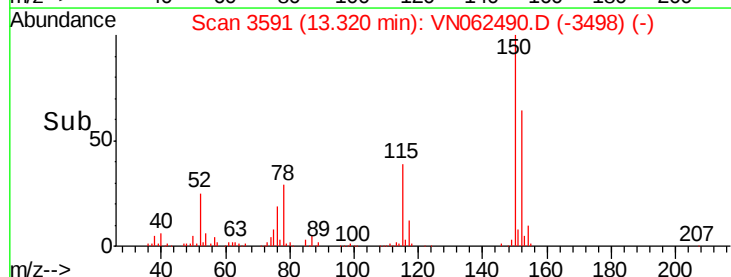
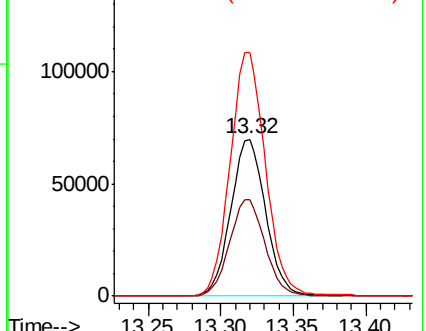
150 156.9 0.0 347.4

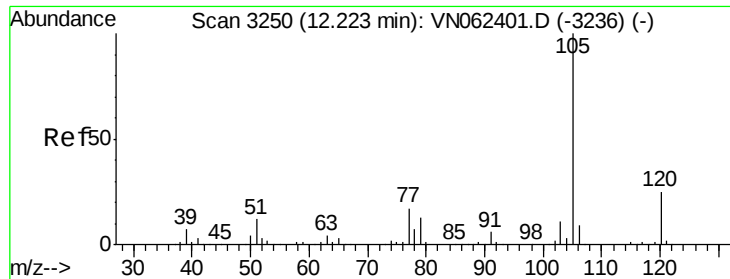


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.993 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

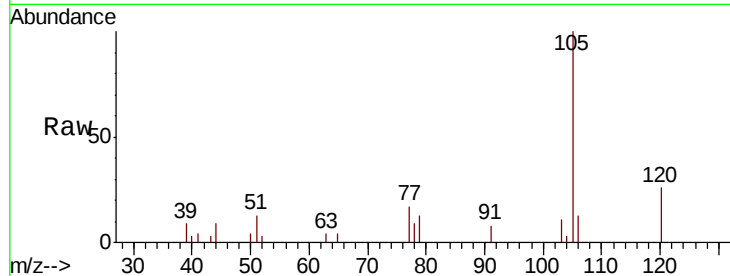
ClientSampleId :

Tot Ion:105 Resp: 8954

Ion Ratio Lower Upper

105 100

120 26.0 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

6000

5000

4000

3000

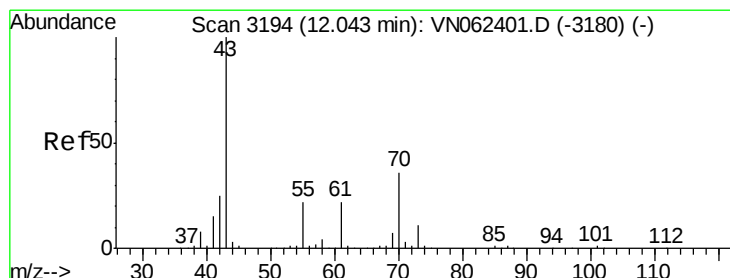
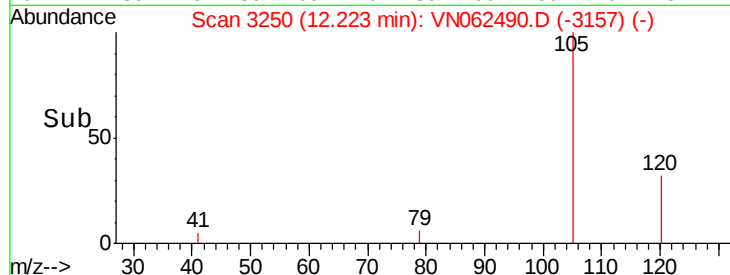
2000

1000

0

Time-->

12.20 12.25



#74

N-ethyl acetate

Concen: 0.937 ug/l

RT: 12.05 min Scan# 3197

Delta R.T. 0.01 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Tgt Ion: 43 Resp: 4113

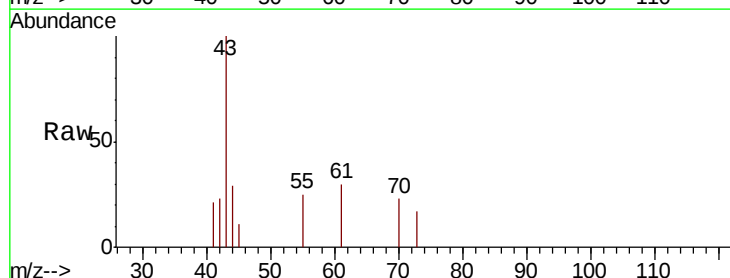
Ion Ratio Lower Upper

43 100

70 21.1 30.0 45.0#

55 19.3 18.2 27.4

61 19.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

2500

2000

1500

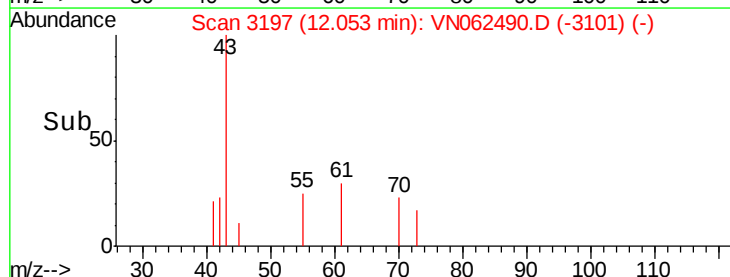
1000

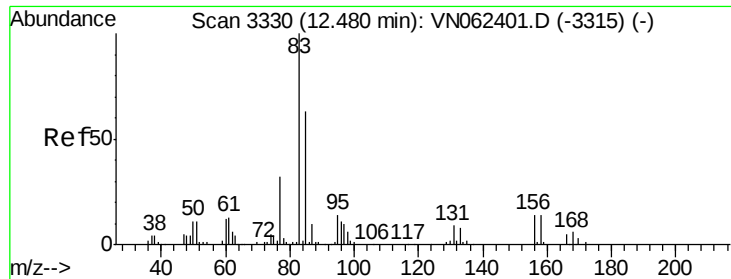
500

0

Time-->

12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 1.178 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampled :

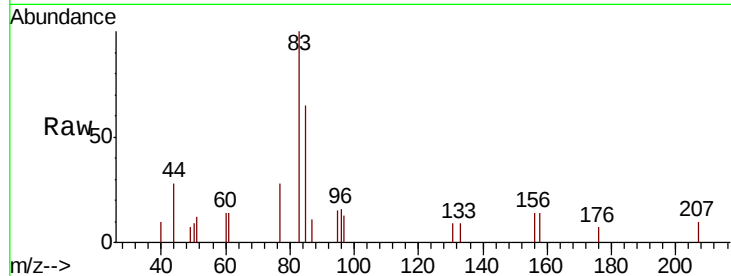
Tot Ion: 83 Resp: 3572

Ion Ratio Lower Upper

83 100

131 4.1 4.5 13.5#

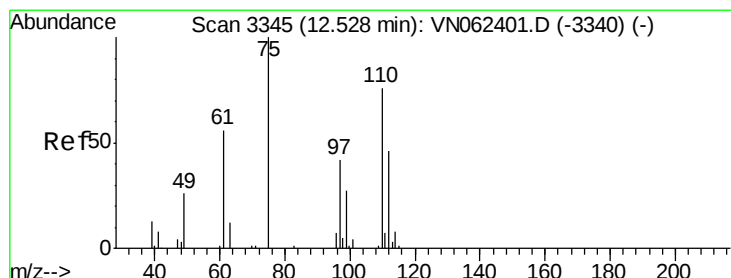
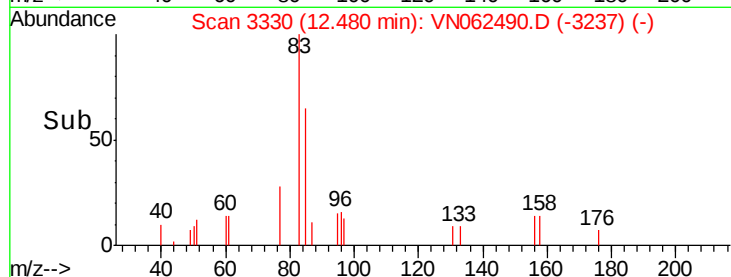
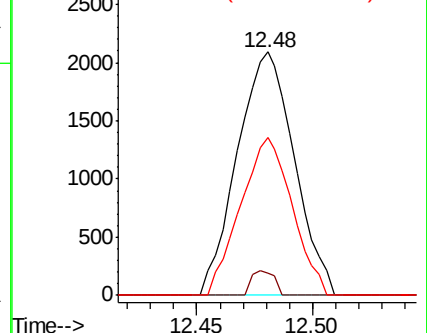
85 58.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062490.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062490.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062490.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 1.525 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062490.D

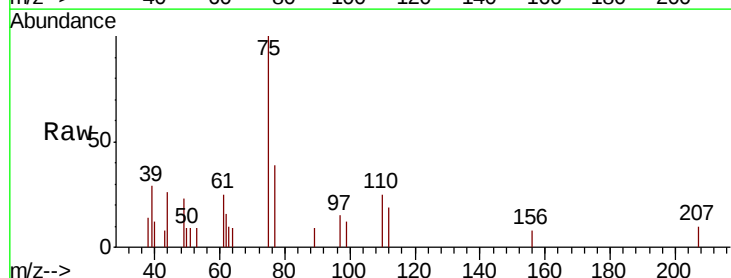
Acq: 10 Jul 2020 13:54

Tgt Ion: 75 Resp: 4361

Ion Ratio Lower Upper

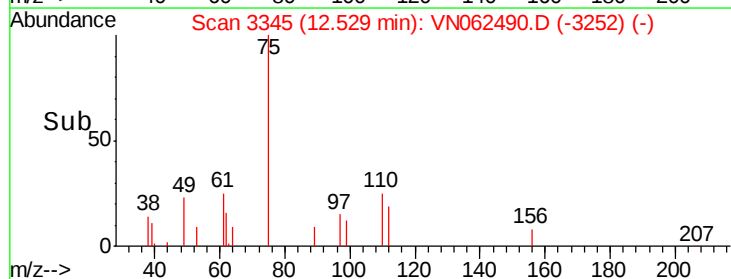
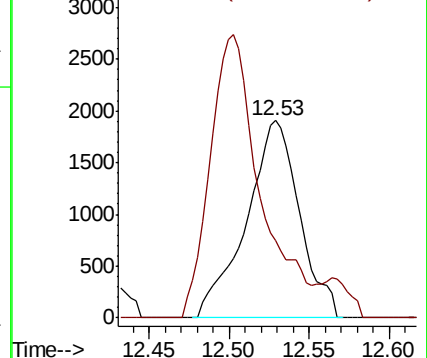
75 100

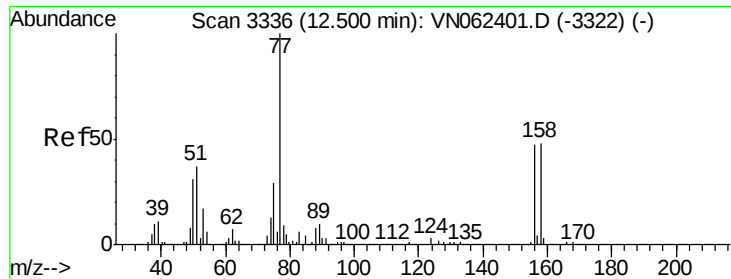
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062490.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062490.D (-3252) (-)





#77

Bromobenzene

Concen: 1.213 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

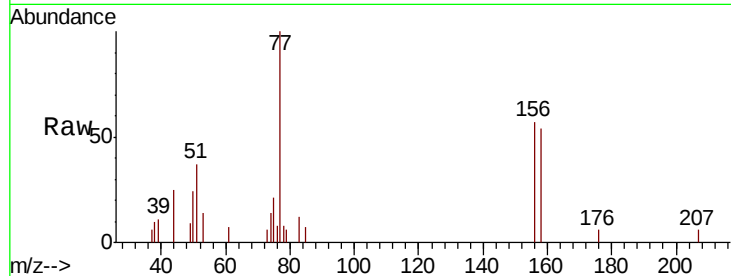
Tot Ion:156 Resp: 2487

Ion Ratio Lower Upper

156 100

77 237.8 126.4 379.3

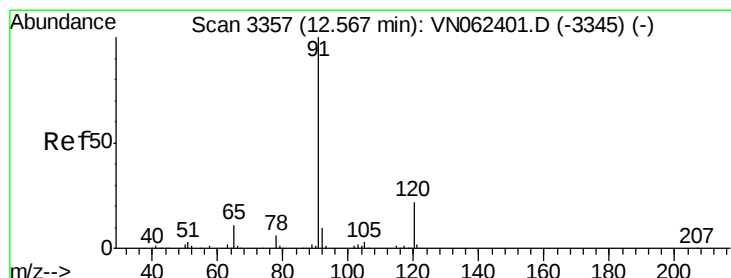
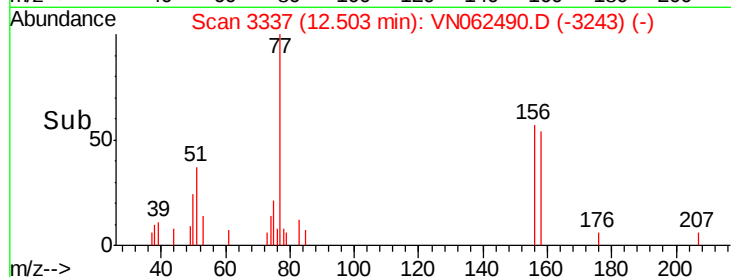
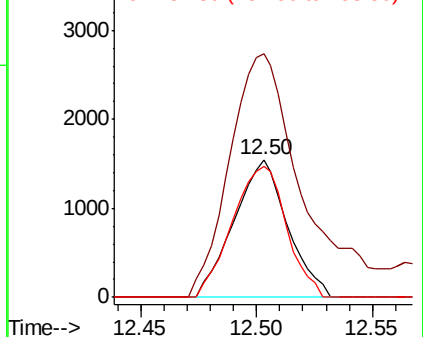
158 95.9 49.8 149.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.043 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062490.D

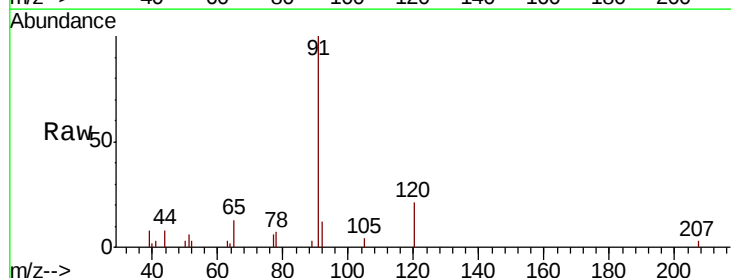
Acq: 10 Jul 2020 13:54

Tgt Ion: 91 Resp: 10983

Ion Ratio Lower Upper

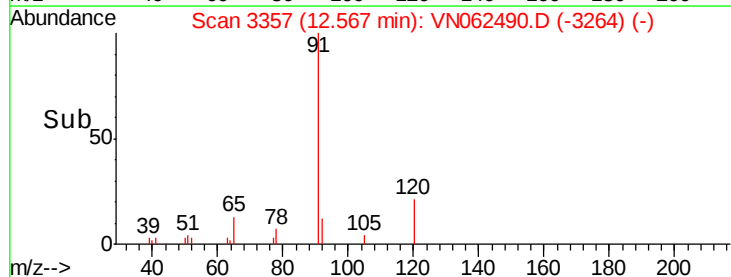
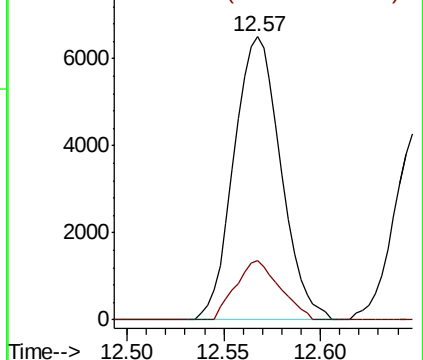
91 100

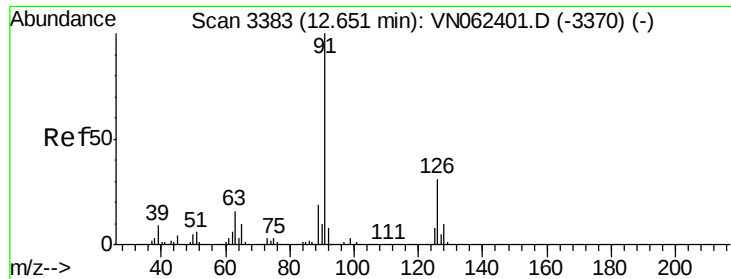
120 19.8 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.154 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

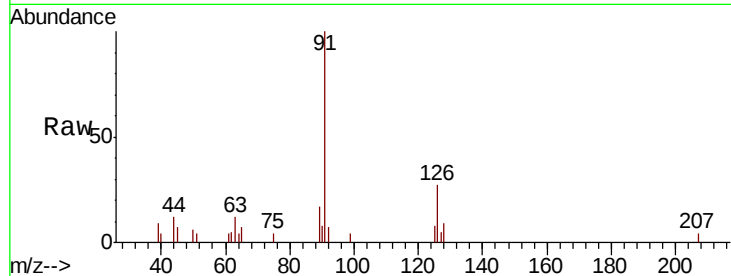
ClientSampled :

Tot Ion: 91 Resp: 7376

Ion Ratio Lower Upper

91 100

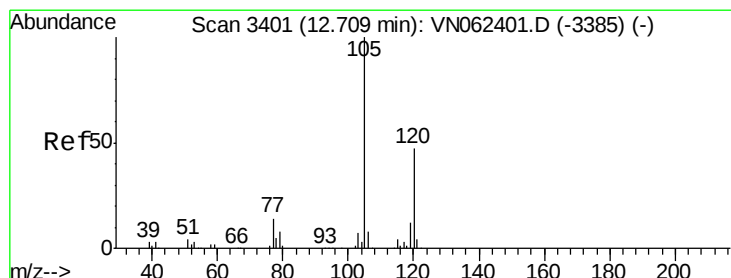
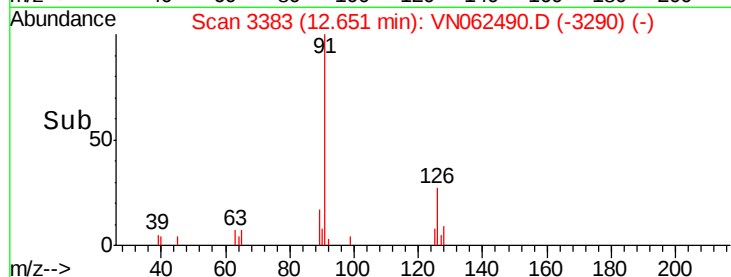
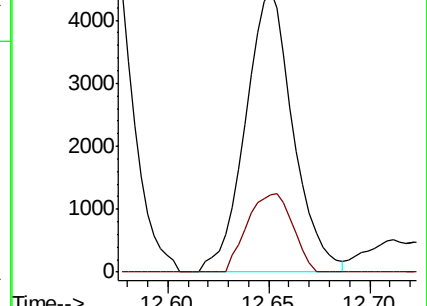
126 26.5 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062401.D (-3370) (-)

12.65



#80

1,3,5-Trimethylbenzene

Concen: 0.959 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062490.D

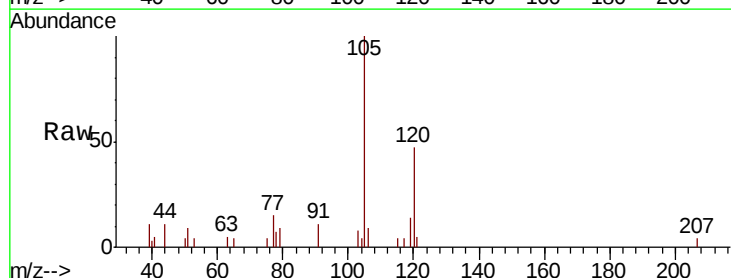
Acq: 10 Jul 2020 13:54

Tgt Ion: 105 Resp: 7089

Ion Ratio Lower Upper

105 100

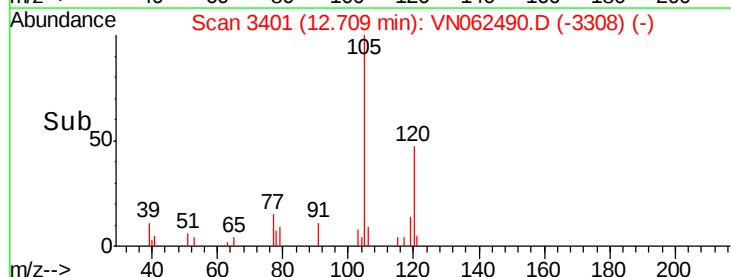
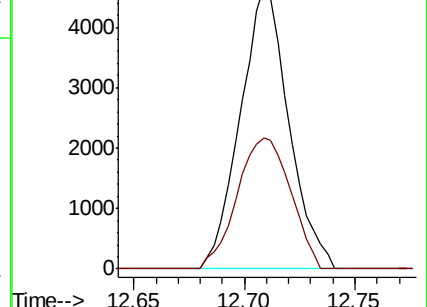
120 51.3 23.4 70.2

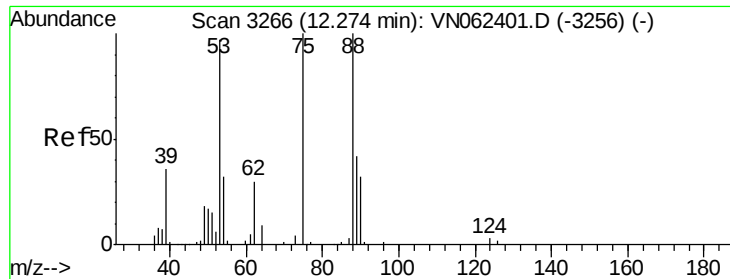


Abundance Ion 105.00 (104.70 to 105.70): VN062401.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062401.D (-3385) (-)

12.71





#81

trans-1,4-Dichloro-2-butene

Concen: 65.966 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

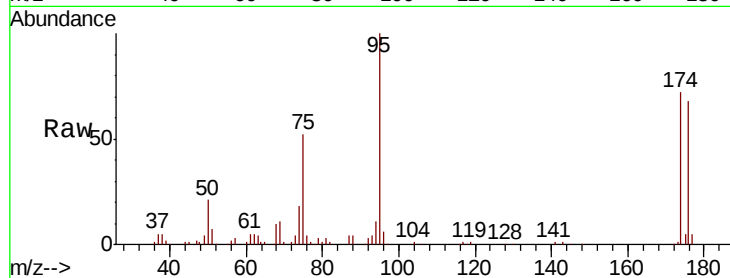
Tot Ion: 75 Resp: 70471

Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

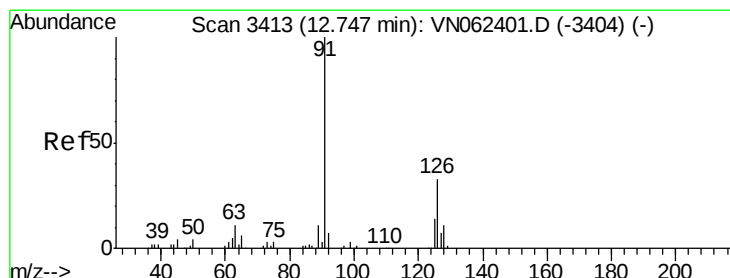
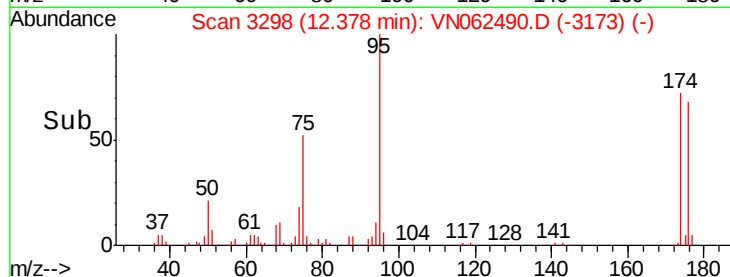
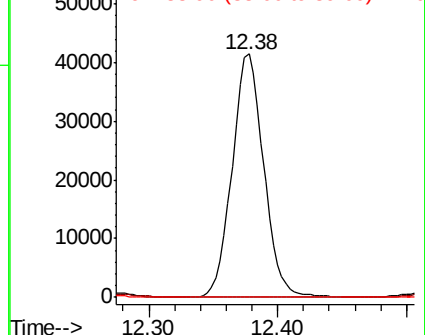
89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VN062490.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062490.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062490.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 1.036 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062490.D

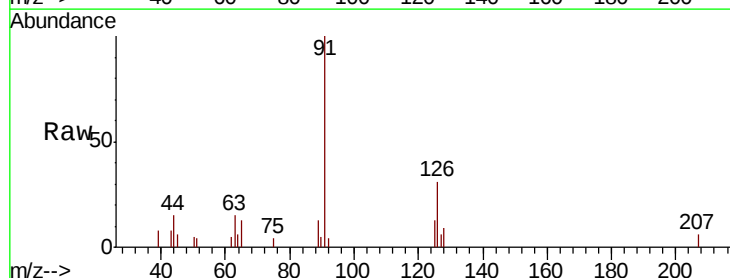
Acq: 10 Jul 2020 13:54

Tgt Ion: 91 Resp: 6723

Ion Ratio Lower Upper

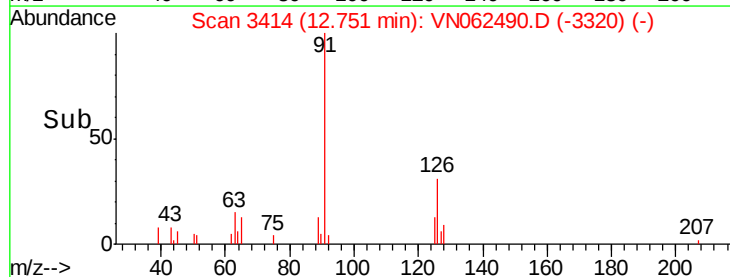
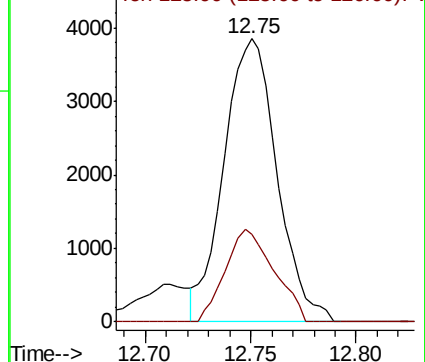
91 100

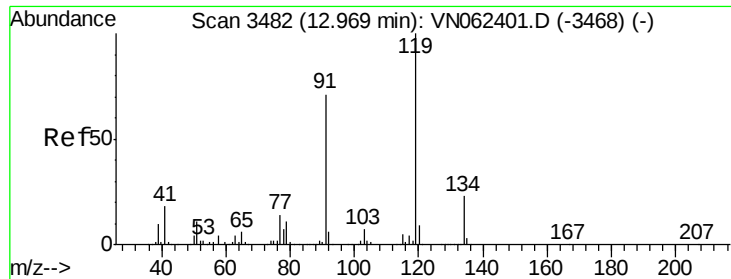
126 30.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN062490.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062490.D (-3320) (-)





#83

tert-Butylbenzene

Concen: 0.980 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampled :

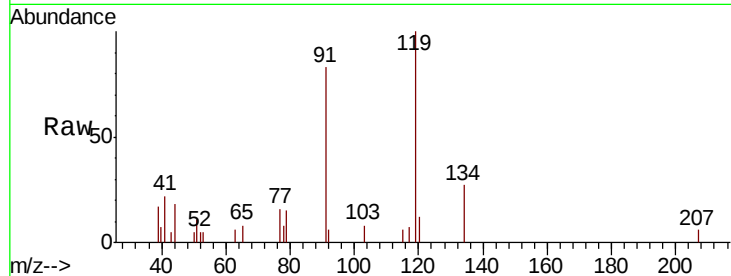
Tot Ion:119 Resp: 6151

Ion Ratio Lower Upper

119 100

91 74.4 34.8 104.3

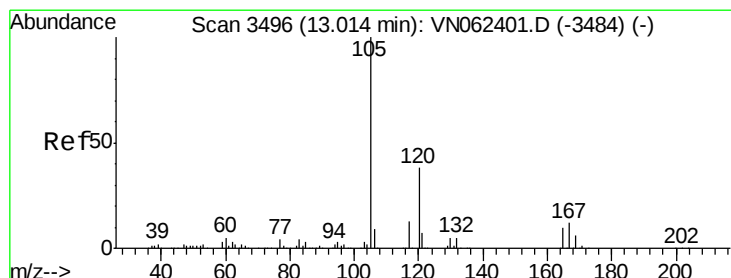
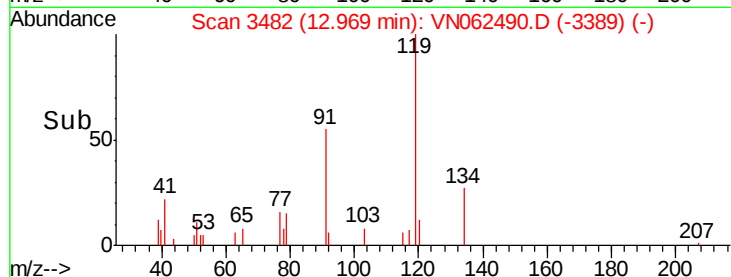
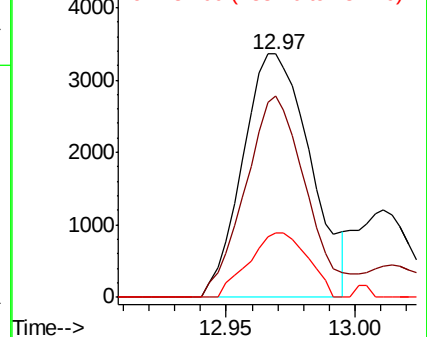
134 23.0 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.899 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.00 min

Lab File: VN062490.D

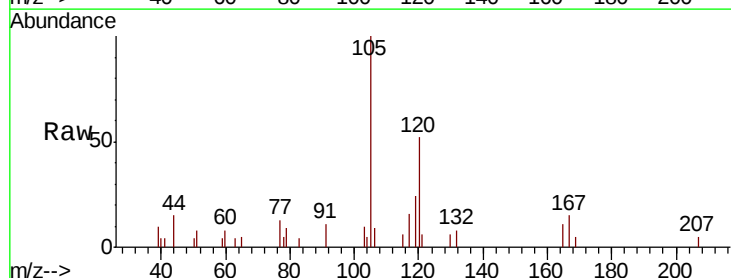
Acq: 10 Jul 2020 13:54

Tgt Ion:105 Resp: 6607

Ion Ratio Lower Upper

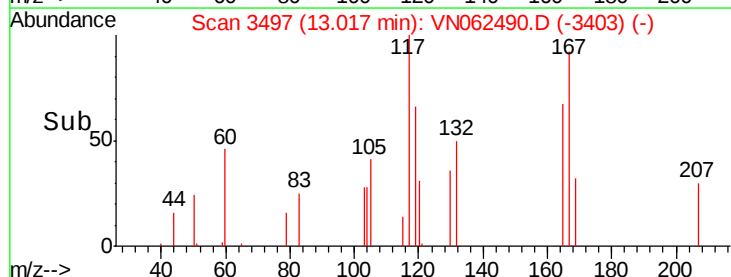
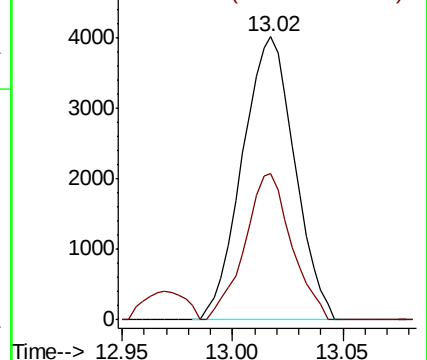
105 100

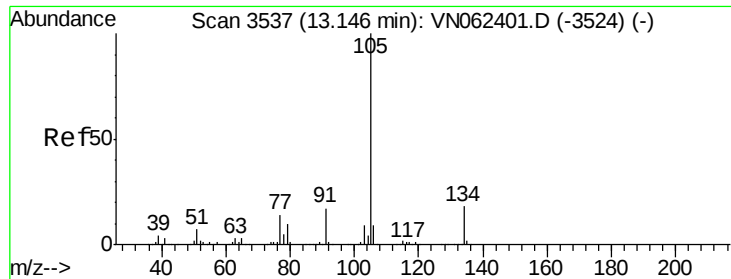
120 46.3 21.6 64.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

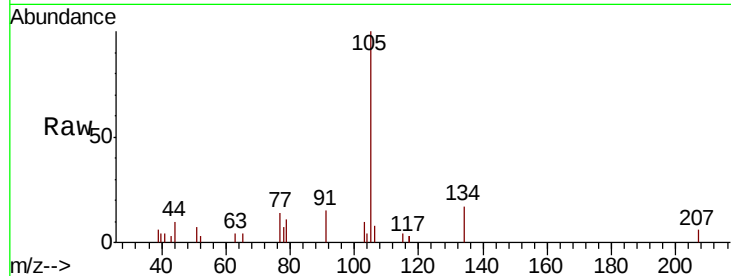




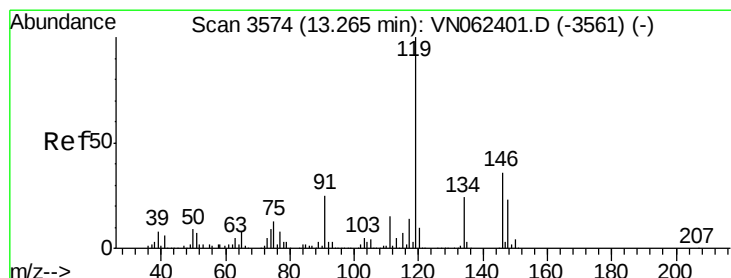
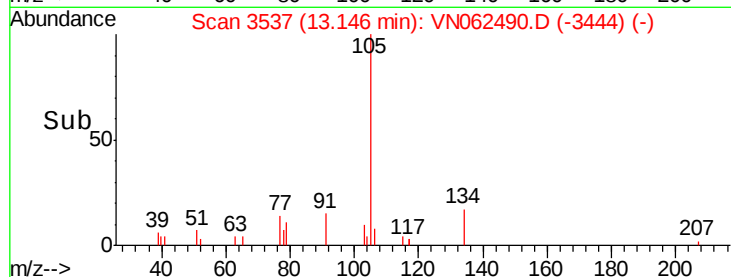
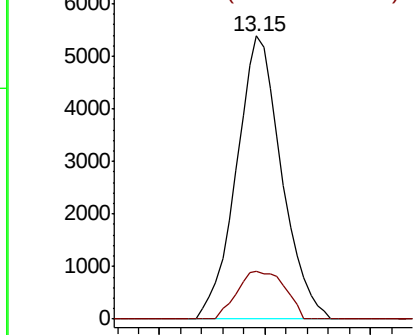
#85
 sec-Butylbenzene
 Concen: 0.962 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:105 Resp: 7999
 Ion Ratio Lower Upper
 105 100
 134 17.9 9.3 28.0

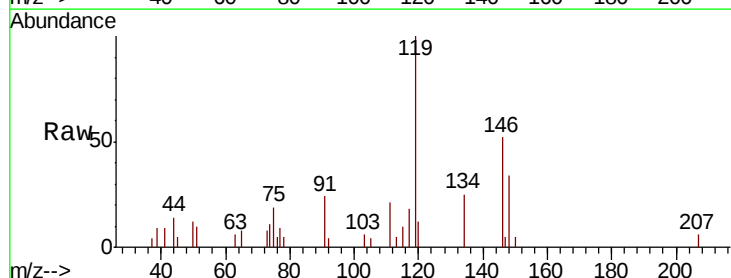


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

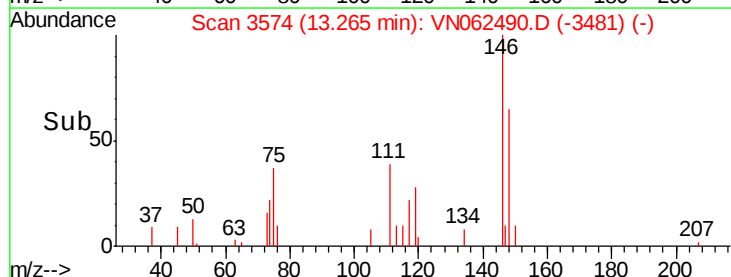
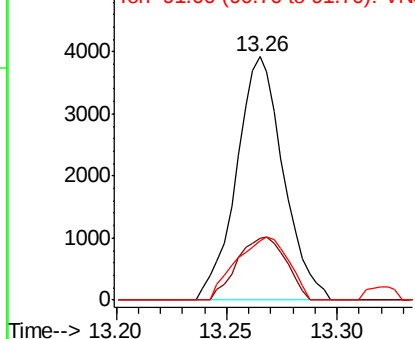


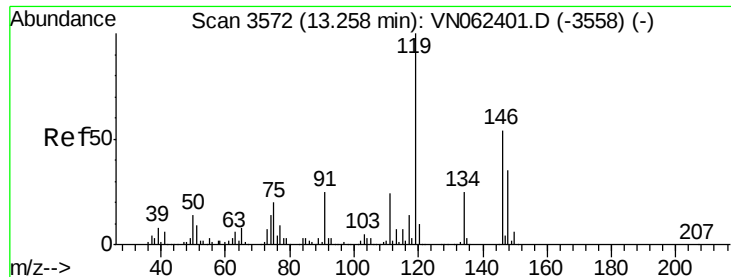
#86
 p-Isopropyltoluene
 Concen: 0.805 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Tgt Ion:119 Resp: 5777
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.4 37.0
 91 28.8 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 1.064 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampleId :

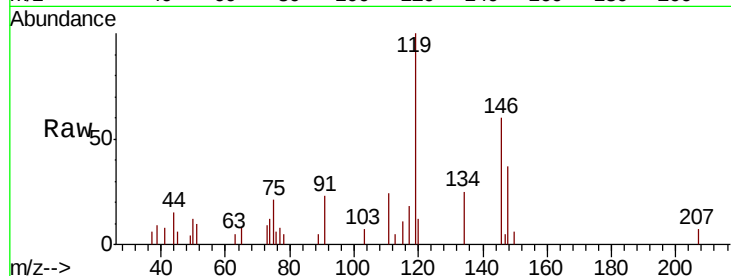
Tot Ion:146 Resp: 3762

Ion Ratio Lower Upper

146 100

111 40.8 21.6 64.6

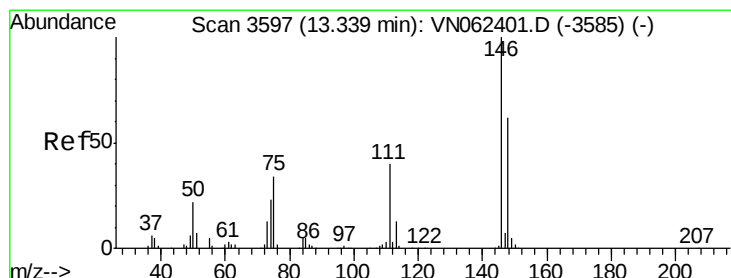
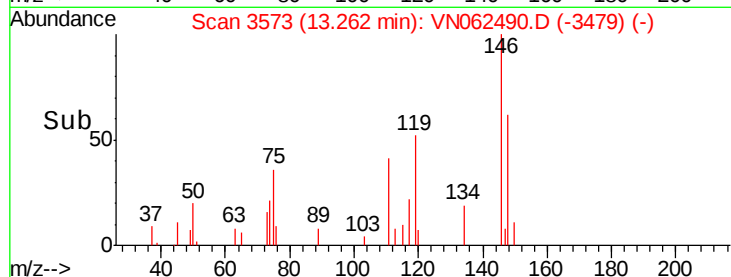
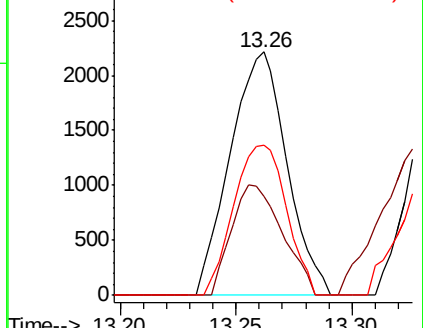
148 57.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.034 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.08 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

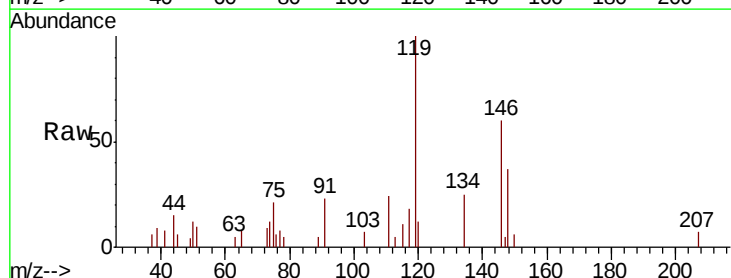
Tgt Ion:146 Resp: 3762

Ion Ratio Lower Upper

146 100

111 40.8 21.1 63.1

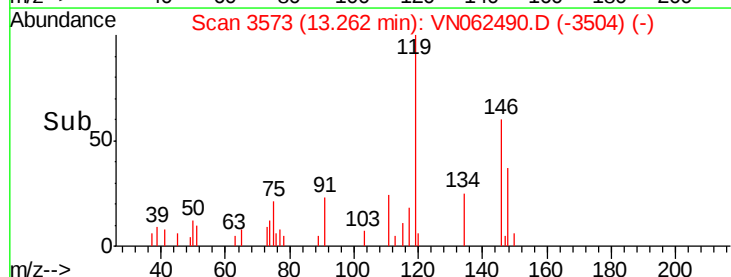
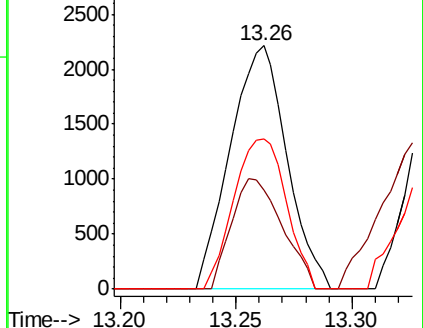
148 57.4 31.4 94.2

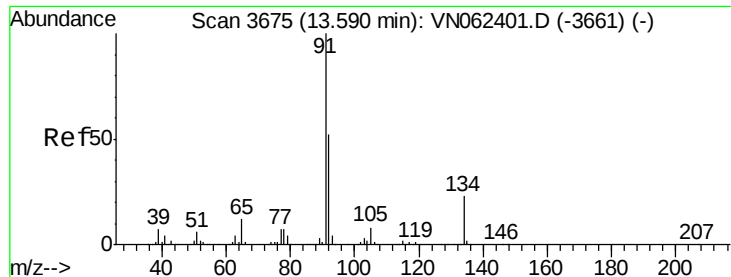


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.842 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampled :

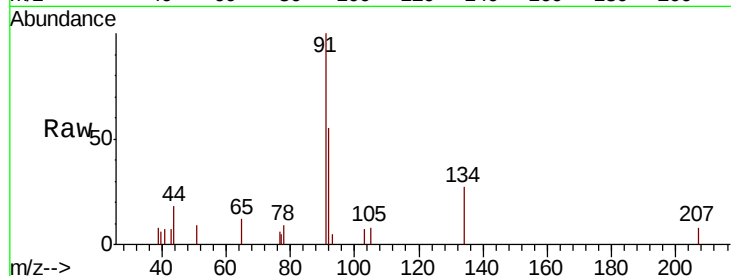
Tot Ion: 91 Resp: 5332

Ion Ratio Lower Upper

91 100

92 53.1 25.9 77.7

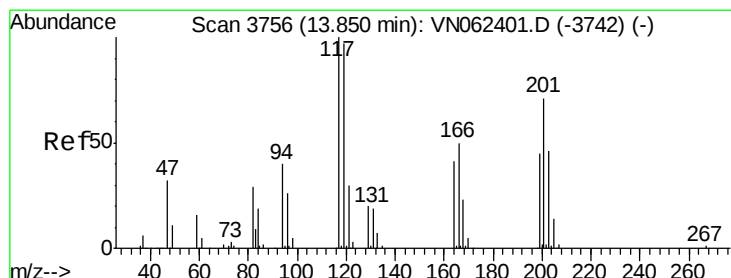
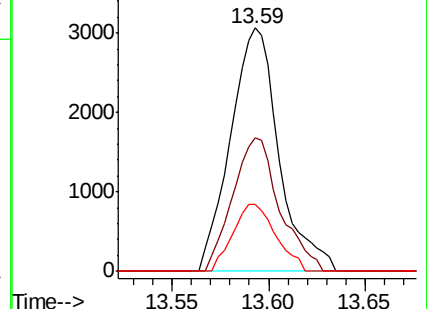
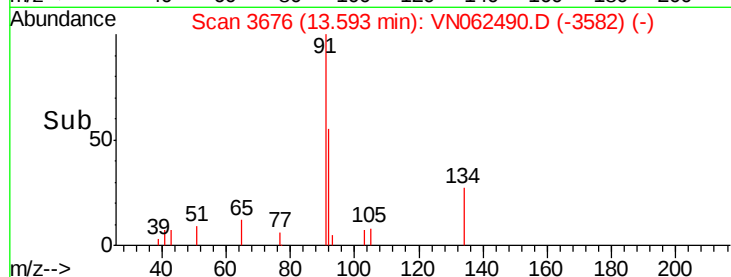
134 24.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062401.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062401.D (-3661) (-)



#90

Hexachloroethane

Concen: 1.020 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062490.D

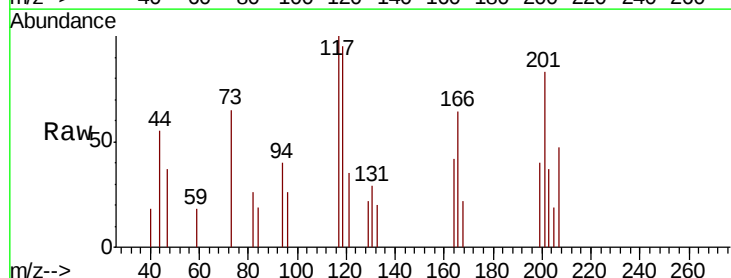
Acq: 10 Jul 2020 13:54

Tgt Ion: 117 Resp: 1440

Ion Ratio Lower Upper

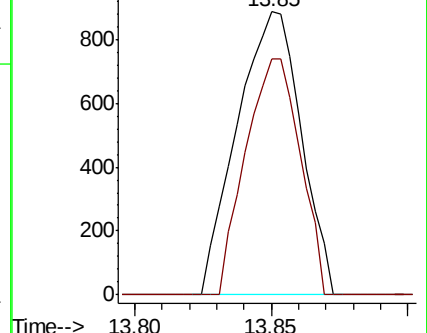
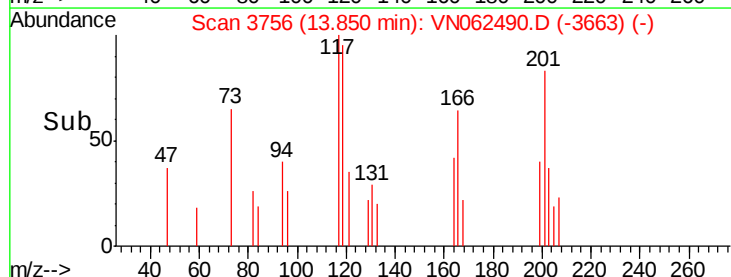
117 100

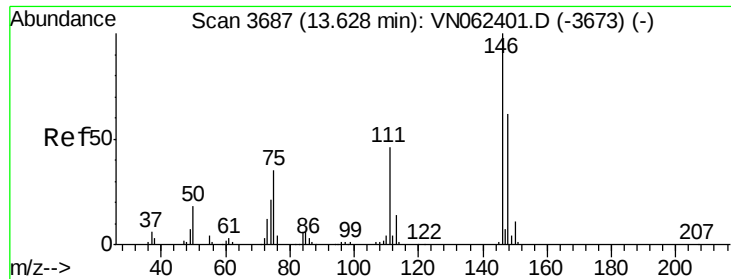
201 71.0 35.4 106.2



Abundance Ion 116.80 (116.50 to 117.50): VN062401.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062401.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 1.088 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampled :

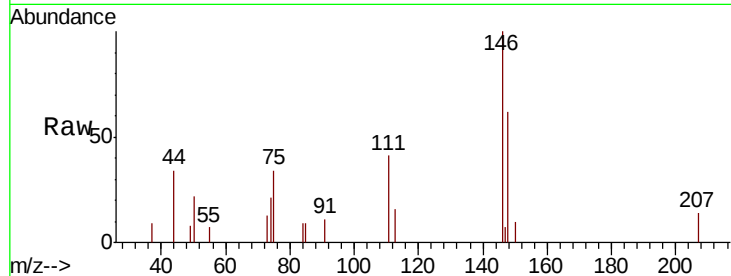
Tot Ion:146 Resp: 3721

Ion Ratio Lower Upper

146 100

111 37.9 22.5 67.5

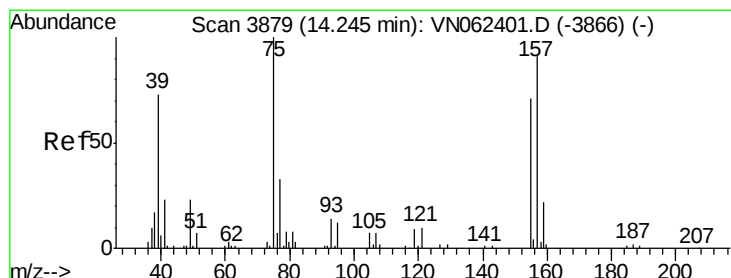
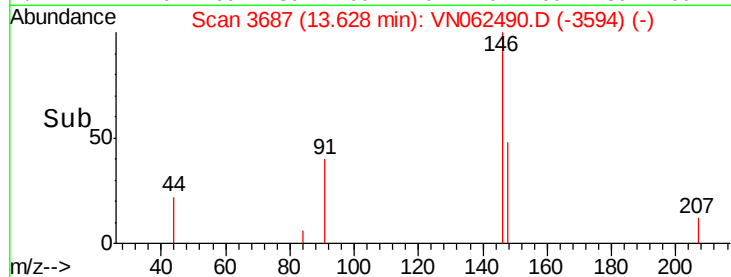
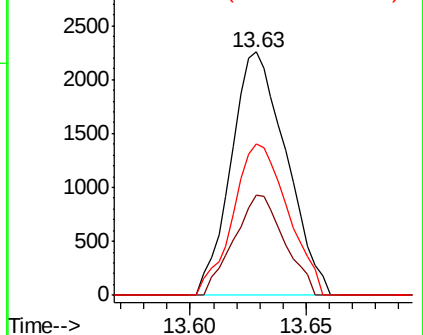
148 61.9 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.989 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

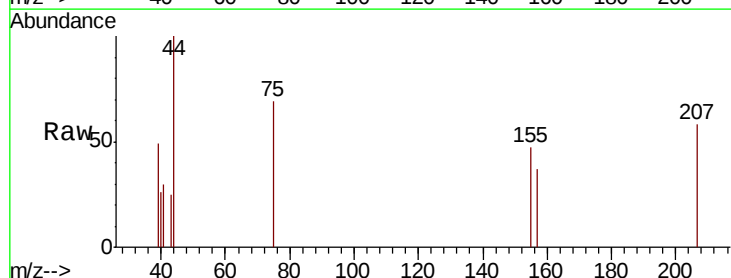
Tgt Ion: 75 Resp: 547

Ion Ratio Lower Upper

75 100

155 51.0 35.2 105.6

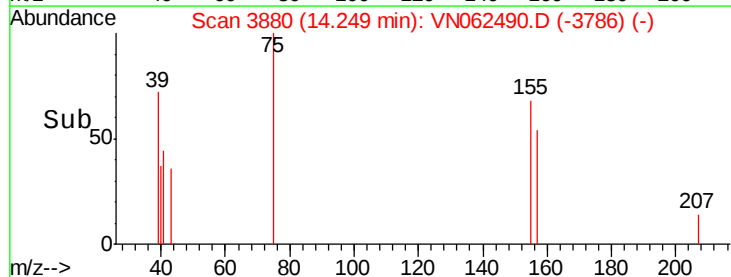
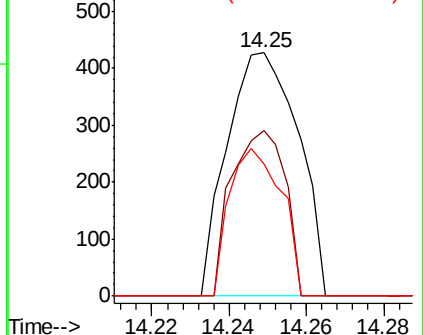
157 43.9 45.8 137.3#

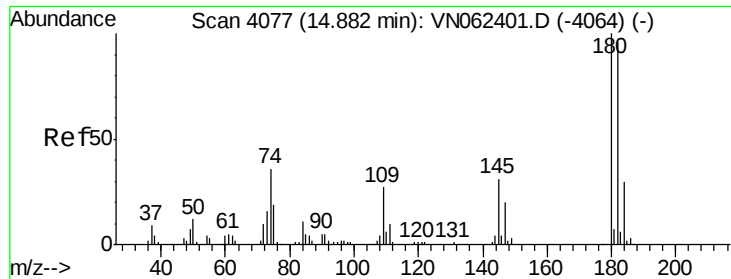


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

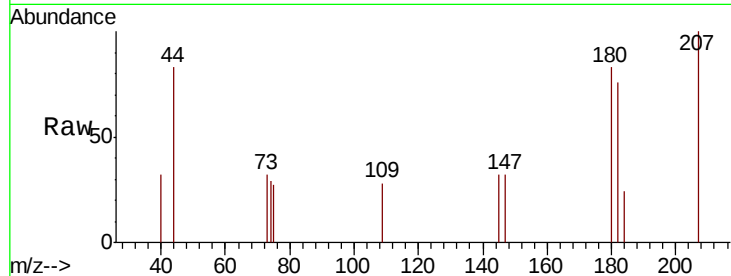




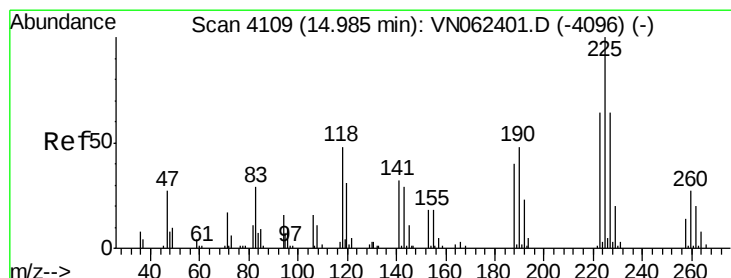
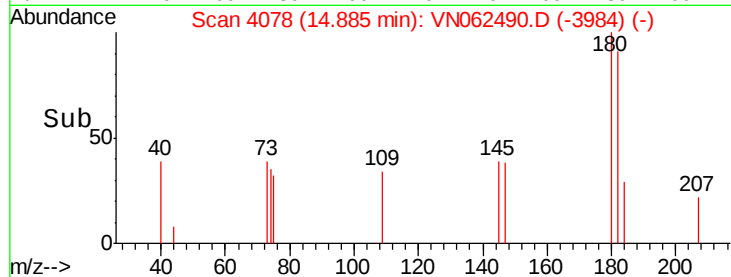
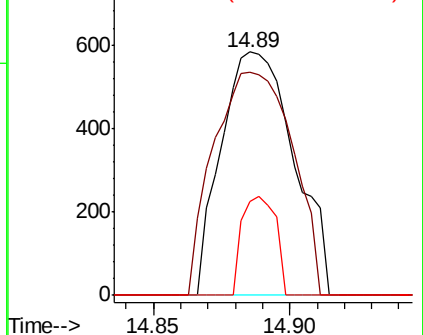
#93
 1,2,4-Trichlorobenzene
 Concen: 0.701 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 1080
 Ion Ratio Lower Upper
 180 100
 182 99.5 48.4 145.2
 145 18.7 15.5 46.5

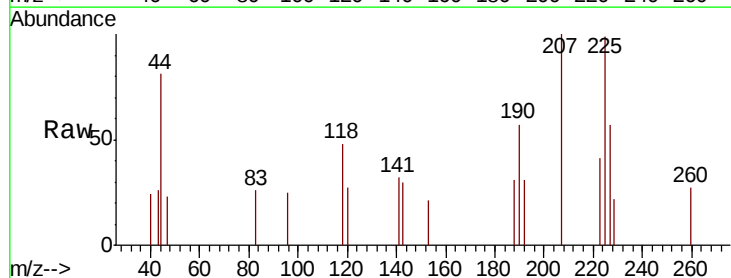


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

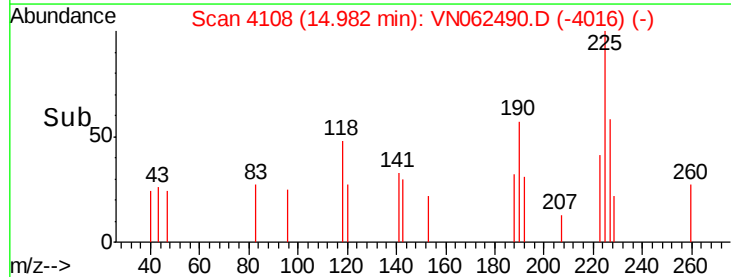
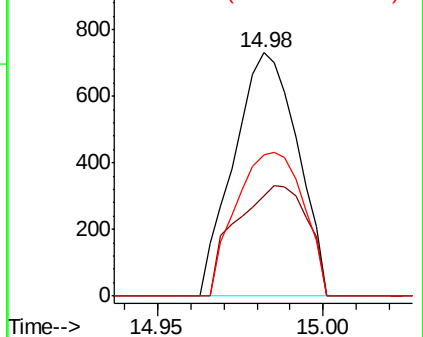


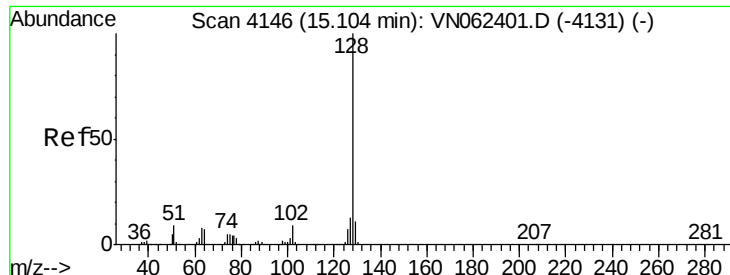
#94
 Hexachlorobutadiene
 Concen: 1.076 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062490.D
 Acq: 10 Jul 2020 13:54

Tgt Ion:225 Resp: 977
 Ion Ratio Lower Upper
 225 100
 223 50.9 32.3 96.8
 227 62.4 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.836 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

Instrument :

MSVOA_N

ClientSampled :

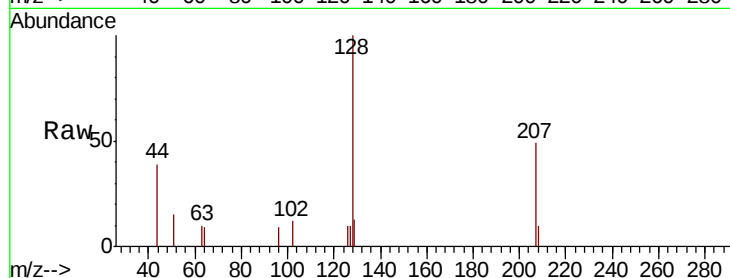
Tot Ion:128 Resp: 3634

Ion Ratio Lower Upper

128 100

127 7.0 10.2 15.2#

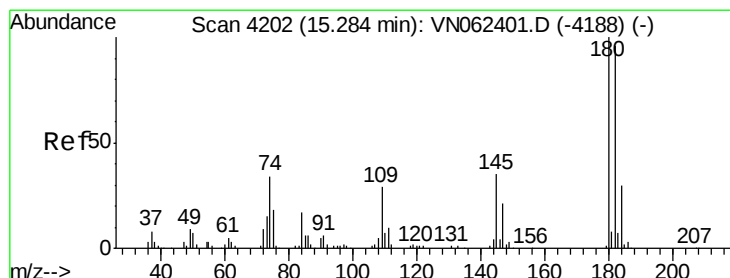
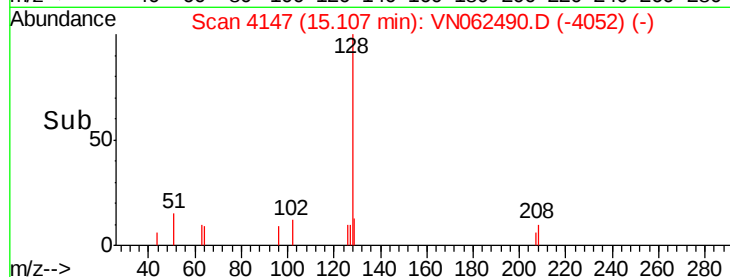
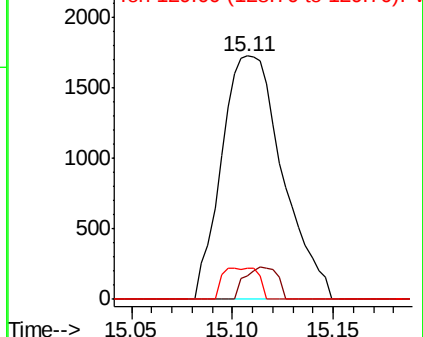
129 7.6 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.832 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062490.D

Acq: 10 Jul 2020 13:54

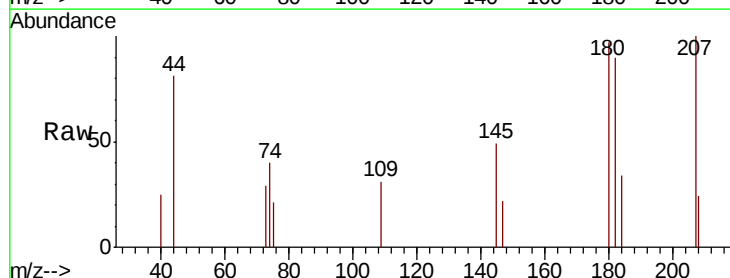
Tgt Ion:180 Resp: 1334

Ion Ratio Lower Upper

180 100

182 82.6 47.8 143.4

145 29.5 17.0 50.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

