

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062491.D
 Acq On : 10 Jul 2020 14:18
 Operator : JC/MD
 Sample : L3216-08 5PPB L00
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 03:22:57 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	189435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	326762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	292180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117801	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	141153	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
35) Dibromofluoromethane	7.55	113	100714	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	10.06	98	382448	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.38	95	132985	45.64	ug/l	0.00
Spiked Amount			Recovery	=	91.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	10555	5.470	ug/l	88
3) Chloromethane	2.03	50	16619	5.368	ug/l	98
4) Vinyl Chloride	2.16	62	13905	5.482	ug/l	95
5) Bromomethane	2.52	94	7504	5.508	ug/l	98
6) Chloroethane	2.66	64	8592	5.816	ug/l	98
7) Trichlorofluoromethane	2.98	101	18153	5.635	ug/l	99
8) Diethyl Ether	3.37	74	7988	5.545	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	10737	5.622	ug/l	97
10) Methyl Iodide	3.91	142	10738	4.258	ug/l	99
11) Tert butyl alcohol	4.74	59	13695	28.334	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	10877	5.594	ug/l	95
13) Acrolein	3.57	56	8460	24.264	ug/l	97
14) Allyl chloride	4.28	41	23455	5.129	ug/l	98
15) Acrylonitrile	4.94	53	33446	26.384	ug/l	100
16) Acetone	3.78	43	30055	24.296	ug/l	100
17) Carbon Disulfide	4.01	76	33672	5.527	ug/l	100
18) Methyl Acetate	4.28	43	16953	5.491	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	39692	5.384	ug/l	99
20) Methylene Chloride	4.50	84	14736	5.571	ug/l	86
21) trans-1,2-Dichloroethene	4.99	96	11830	5.616	ug/l	81
22) Diisopropyl ether	5.90	45	48157	5.330	ug/l #	85
23) Vinyl Acetate	5.85	43	192326	25.698	ug/l	99
24) 1,1-Dichloroethane	5.80	63	25337	5.427	ug/l	97
25) 2-Butanone	6.79	43	46156	25.548	ug/l	99
26) 2,2-Dichloropropane	6.78	77	18918	5.285	ug/l	100
27) cis-1,2-Dichloroethene	6.79	96	13458	5.516	ug/l	97
28) Bromochloromethane	7.15	49	11988	4.726	ug/l #	94
29) Tetrahydrofuran	7.17	42	31605	25.984	ug/l	99
30) Chloroform	7.33	83	23791	5.644	ug/l	96
31) Cyclohexane	7.62	56	25464	5.754	ug/l #	75
32) 1,1,1-Trichloroethane	7.53	97	19389	5.530	ug/l	98
36) 1,1-Dichloropropene	7.75	75	17200	5.225	ug/l	99
37) Ethyl Acetate	6.89	43	19853	5.157	ug/l #	93
38) Carbon Tetrachloride	7.73	117	16616	5.614	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062491.D
 Acq On : 10 Jul 2020 14:18
 Operator : JC/MD
 Sample : L3216-08 5PPB L00
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 03:22:57 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)
39) Methylcyclohexane	9.05	83	18847	5.362	ug/l	97
40) Benzene	8.00	78	54982	5.667	ug/l	99
41) Methacrylonitrile	7.13	41	8428	5.240	ug/l	93
42) 1,2-Dichloroethane	8.09	62	20213	5.690	ug/l	99
43) Isopropyl Acetate	8.13	43	31914	5.248	ug/l	95
44) Trichloroethene	8.80	130	11447	5.317	ug/l	95
45) 1,2-Dichloropropane	9.09	63	14535	5.160	ug/l	96
46) Dibromomethane	9.17	93	8793	5.532	ug/l	98
47) Bromodichloromethane	9.37	83	18304	5.386	ug/l	98
48) Methyl methacrylate	9.17	41	15283	5.123	ug/l	98
49) 1,4-Dioxane	9.17	88	4693	108.090	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	93897	25.852	ug/l	100
52) Toluene	10.12	92	30946	5.522	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	19355	5.084	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	21435	5.103	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	12389	5.621	ug/l	96
56) Ethyl methacrylate	10.40	69	18223	4.947	ug/l	98
57) 1,3-Dichloropropane	10.68	76	22529	5.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	28717	21.961	ug/l	98
59) 2-Hexanone	10.72	43	66119	25.075	ug/l	97
60) Dibromochloromethane	10.87	129	12933	5.411	ug/l	96
61) 1,2-Dibromoethane	10.98	107	12604	5.665	ug/l	95
64) Tetrachloroethene	10.60	164	9814	5.660	ug/l	95
65) Chlorobenzene	11.41	112	31960	5.628	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	11532	5.507	ug/l	97
67) Ethyl Benzene	11.48	91	55775	5.233	ug/l	99
68) m/p-Xylenes	11.59	106	39313	10.418	ug/l	99
69) o-Xylene	11.92	106	18971	5.164	ug/l	97
70) Styrene	11.94	104	31532	5.193	ug/l	97
71) Bromoform	12.10	173	8403	5.474	ug/l #	99
73) Isopropylbenzene	12.22	105	51689	5.670	ug/l	99
74) N-amyl acetate	12.05	43	22947	5.172	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	19416	6.335	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	24207	8.375	ug/l #	100
77) Bromobenzene	12.50	156	12694	6.125	ug/l	92
78) n-propylbenzene	12.57	91	59559	5.593	ug/l	99
79) 2-Chlorotoluene	12.65	91	37489	5.801	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	41832	5.598	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	5505	5.098	ug/l	99
82) 4-Chlorotoluene	12.75	91	36249	5.525	ug/l	99
83) tert-Butylbenzene	12.97	119	36664	5.781	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	40502	5.453	ug/l	99
85) sec-Butylbenzene	13.15	105	46804	5.570	ug/l	99
86) p-Isopropyltoluene	13.26	119	38596	5.321	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	20590	5.759	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	20330	5.526	ug/l	93
89) n-Butylbenzene	13.59	91	31359	4.897	ug/l	99
90) Hexachloroethane	13.85	117	8253	5.785	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	19973	5.778	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	3040	5.435	ug/l	97

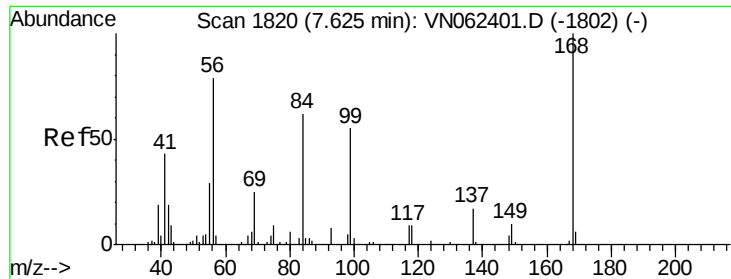
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
Data File : VN062491.D
Acq On : 10 Jul 2020 14:18
Operator : JC/MD
Sample : L3216-08 5PPB L00
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 11 03:22:57 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)
93) 1,2,4-Trichlorobenzene	14.89	180	6771	4.345	ug/l	97
94) Hexachlorobutadiene	14.99	225	5326	5.803	ug/l	99
95) Naphthalene	15.10	128	16941	3.855	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	6995	4.316	ug/l	98

(#) = 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: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

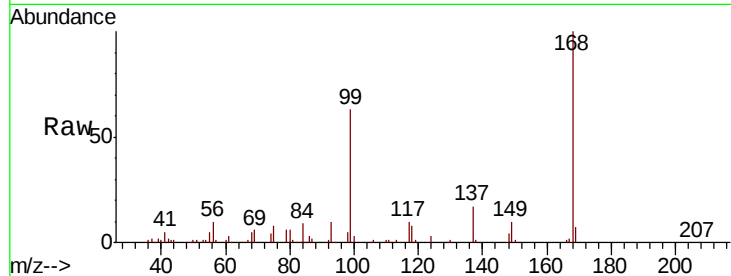
ClientSampled :

Tot Ion:168 Resp: 189435

Ion Ratio Lower Upper

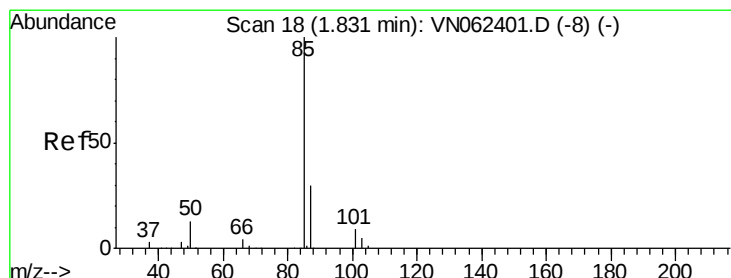
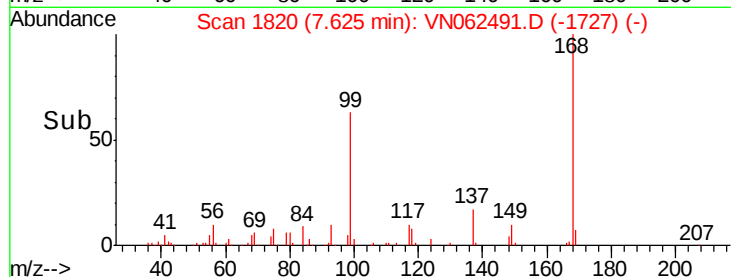
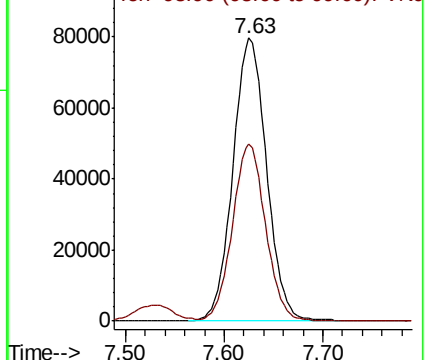
168 100

99 62.3 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 5.470 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062491.D

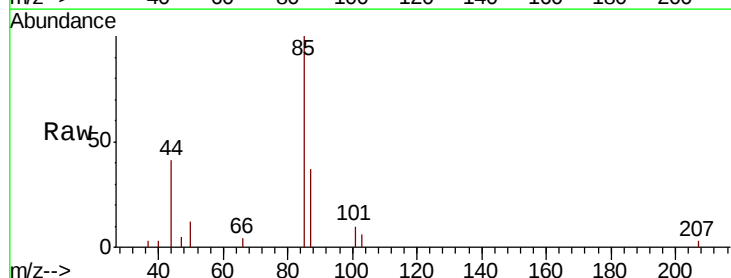
Acq: 10 Jul 2020 14:18

Tgt Ion: 85 Resp: 10555

Ion Ratio Lower Upper

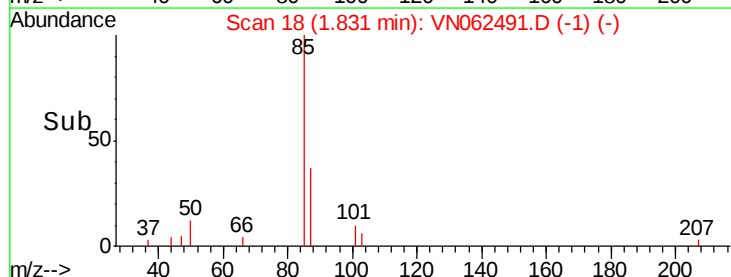
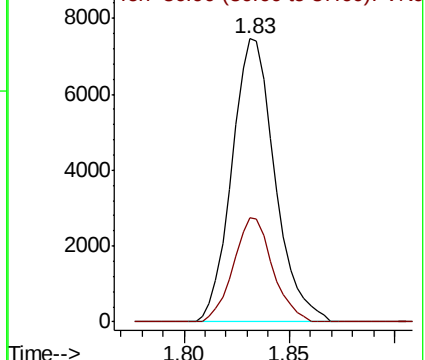
85 100

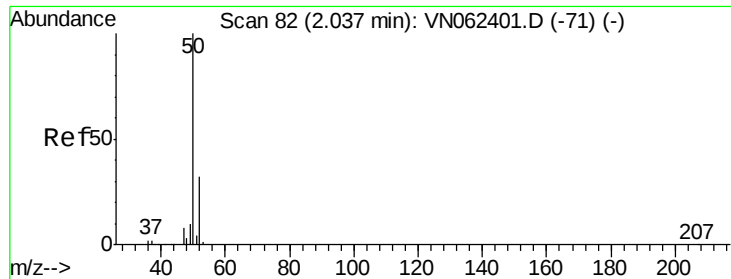
87 36.8 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 5.368 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

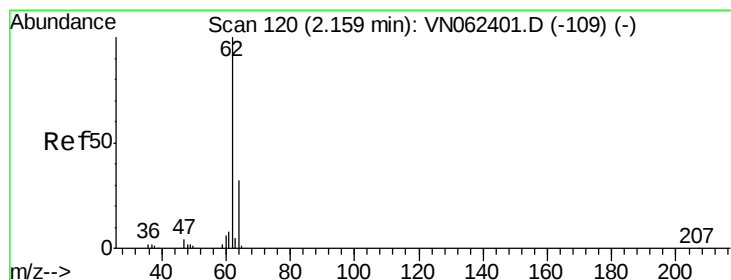
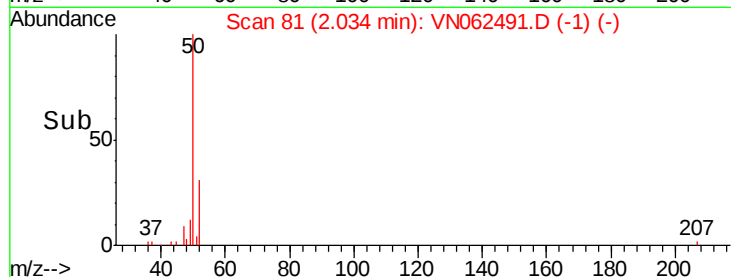
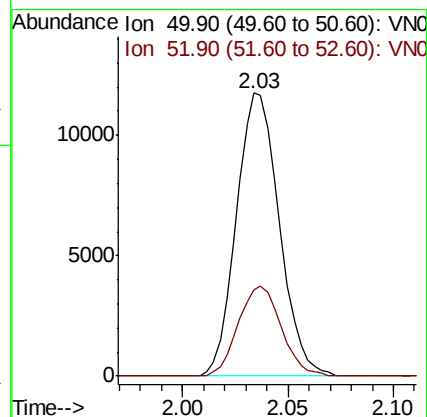
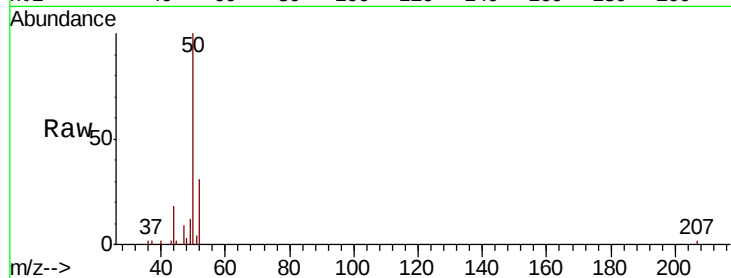
ClientSampled :

Tot Ion: 50 Resp: 16619

Ion Ratio Lower Upper

50 100

52 30.6 25.5 38.3



#4

Vinyl Chloride

Concen: 5.482 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062491.D

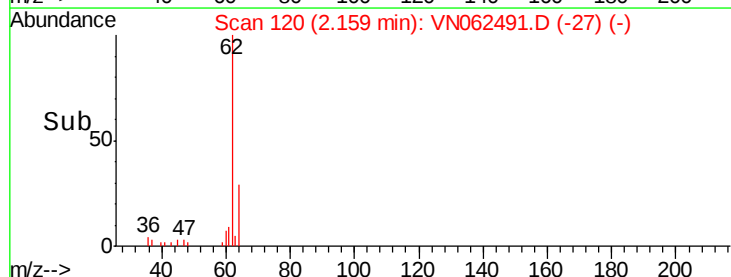
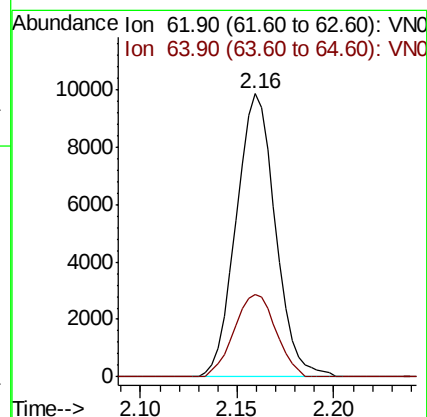
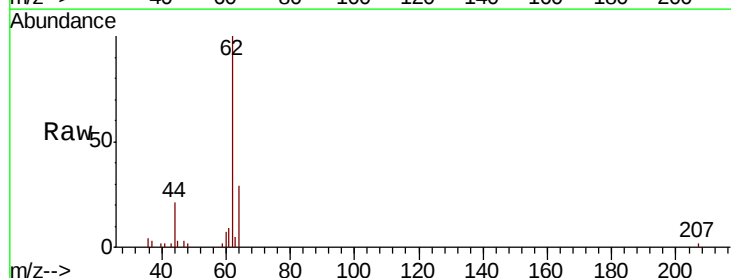
Acq: 10 Jul 2020 14:18

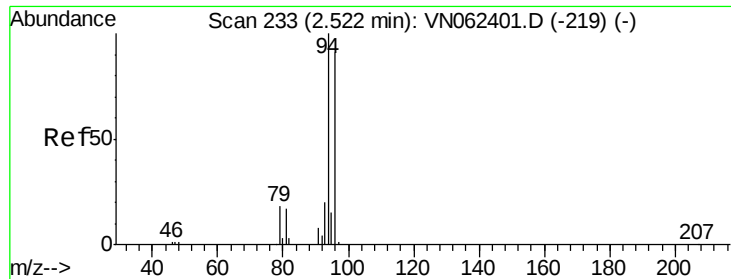
Tgt Ion: 62 Resp: 13905

Ion Ratio Lower Upper

62 100

64 29.2 25.7 38.5





#5

Bromomethane

Concen: 5.508 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

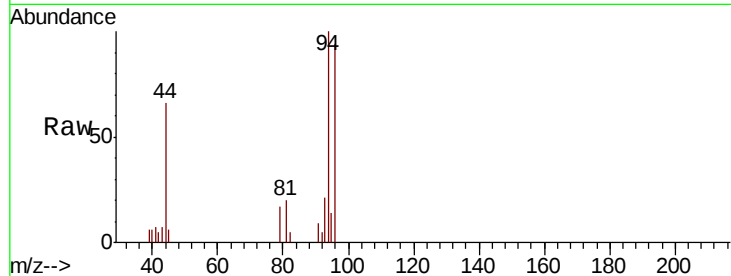
ClientSampleId :

Tot Ion: 94 Resp: 7504

Ion Ratio Lower Upper

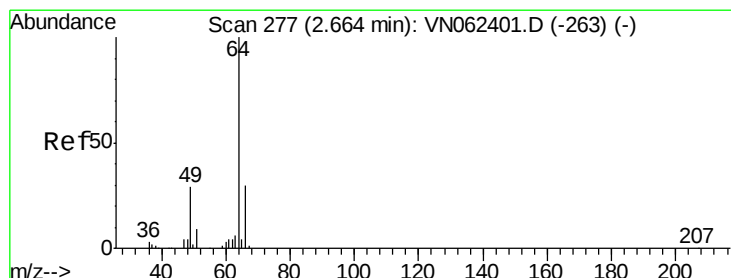
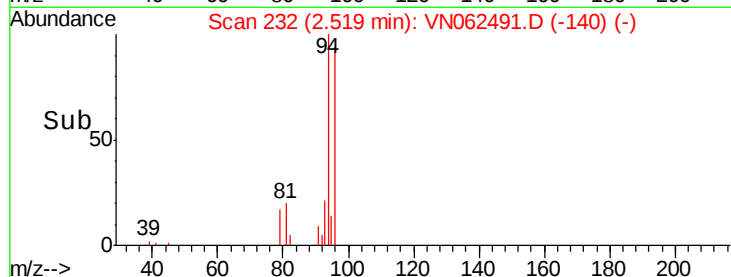
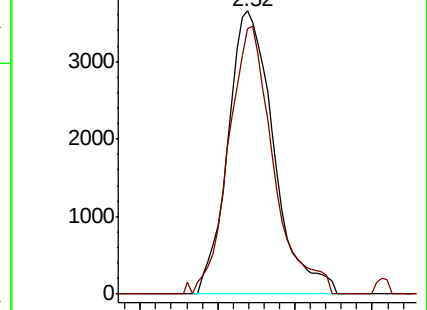
94 100

96 93.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN062491.D (-140) (-)

Ion 95.90 (95.60 to 96.60): VN062491.D (-140) (-)



#6

Chloroethane

Concen: 5.816 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062491.D

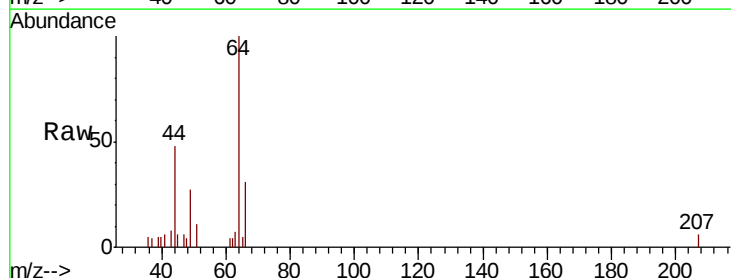
Acq: 10 Jul 2020 14:18

Tgt Ion: 64 Resp: 8592

Ion Ratio Lower Upper

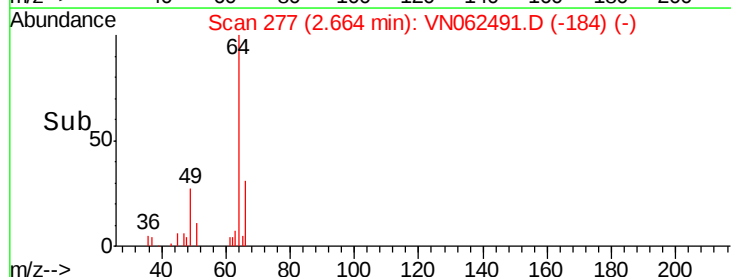
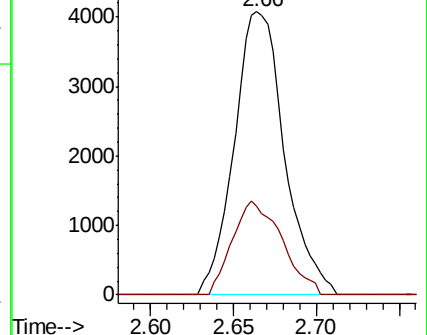
64 100

66 31.5 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN062491.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062491.D (-184) (-)



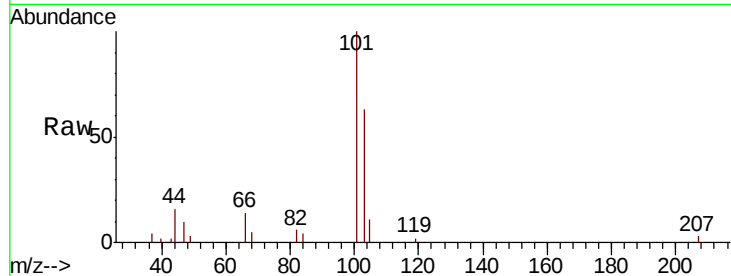


#7

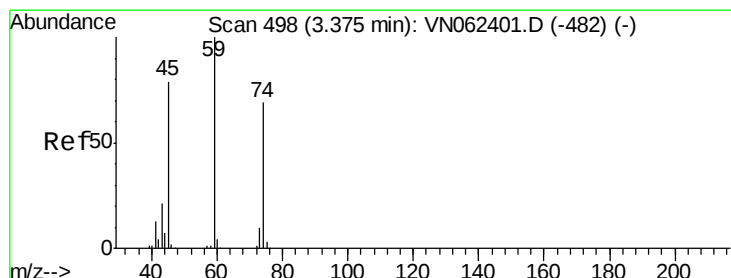
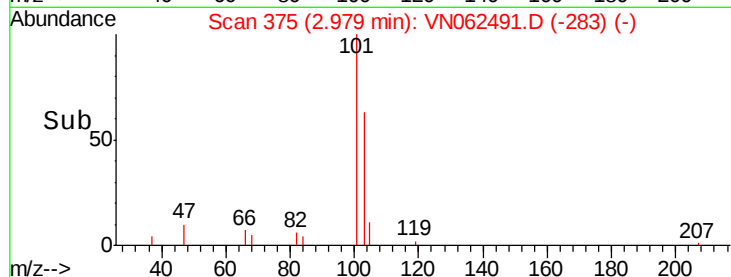
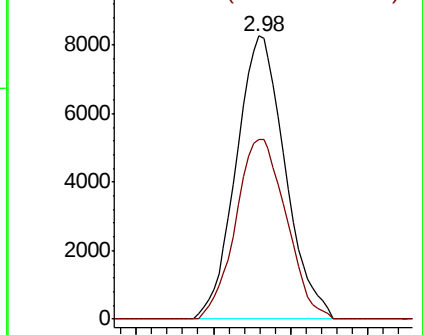
Trichlorofluoromethane
 Concen: 5.635 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 18153
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.6 77.4



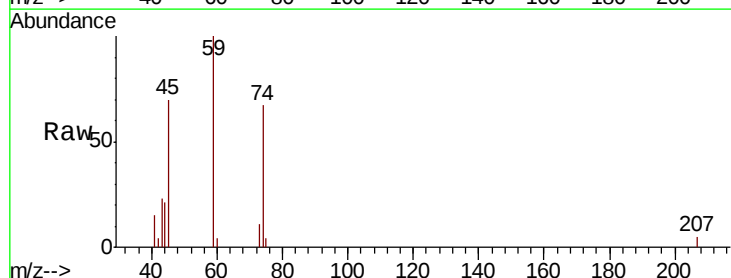
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



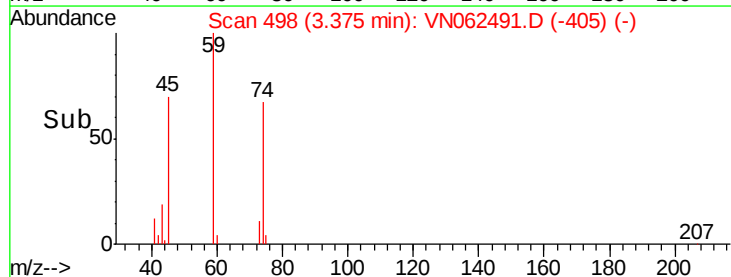
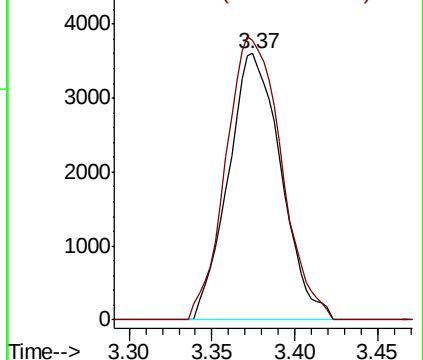
#8

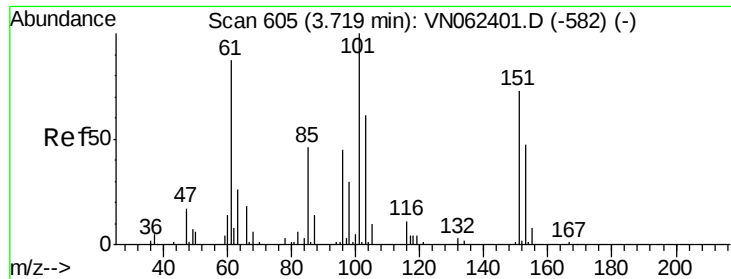
Diethyl Ether
 Concen: 5.545 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Tgt Ion: 74 Resp: 7988
 Ion Ratio Lower Upper
 74 100
 45 111.3 58.5 175.3



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.622 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

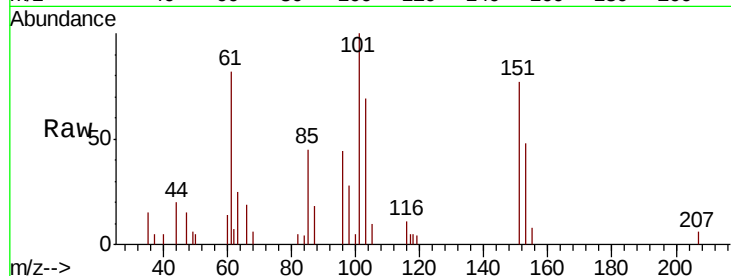
Tot Ion:101 Resp: 10737

Ion Ratio Lower Upper

101 100

85 48.5 36.7 55.1

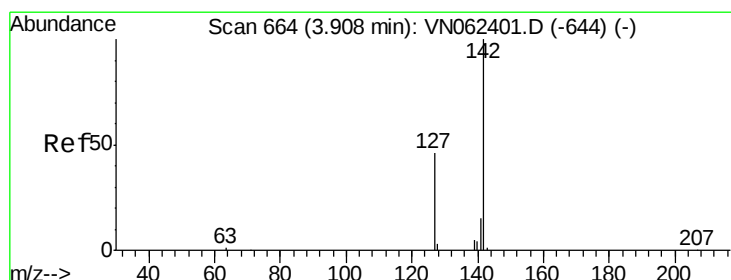
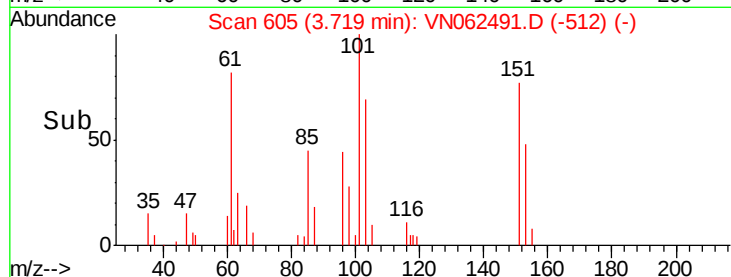
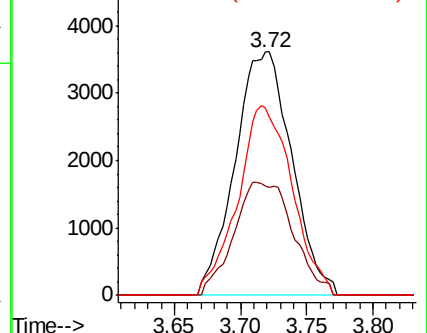
151 74.8 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.258 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

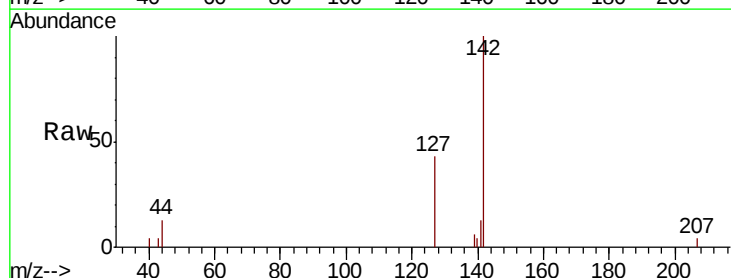
Tgt Ion:142 Resp: 10738

Ion Ratio Lower Upper

142 100

127 45.0 36.1 54.1

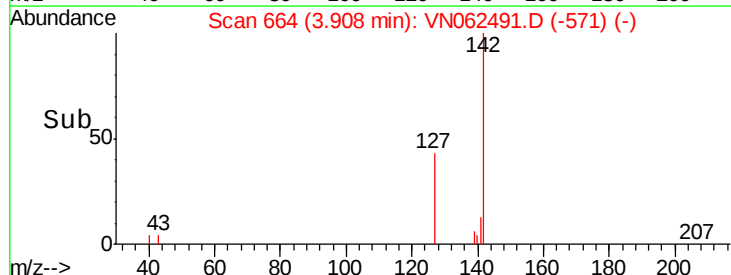
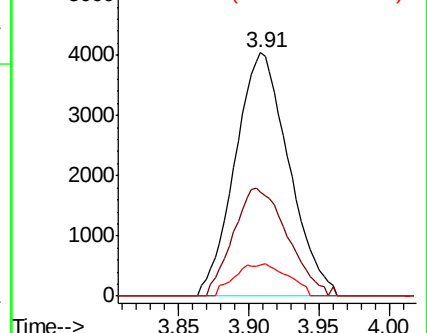
141 13.2 11.4 17.0

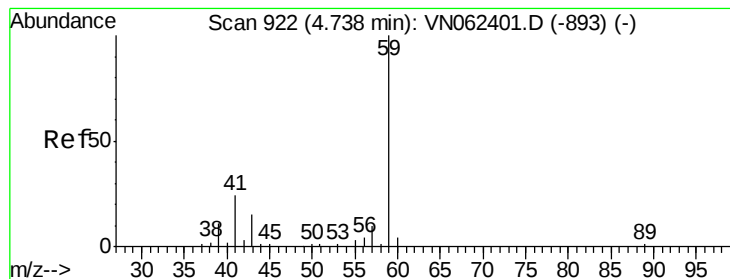


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



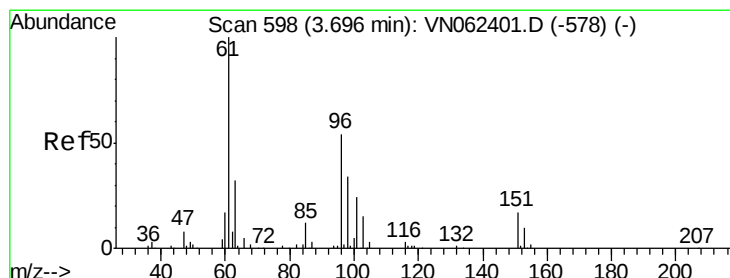
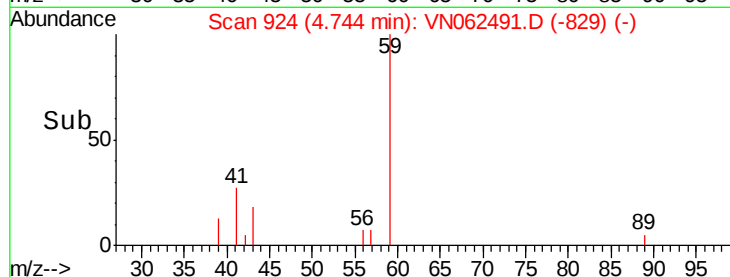
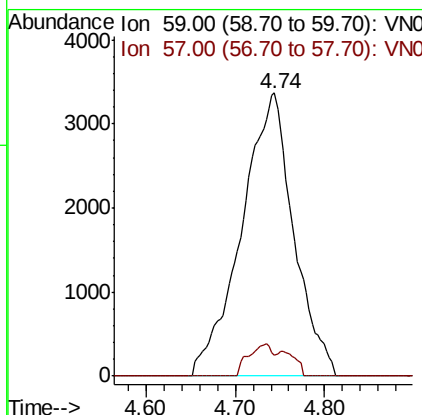
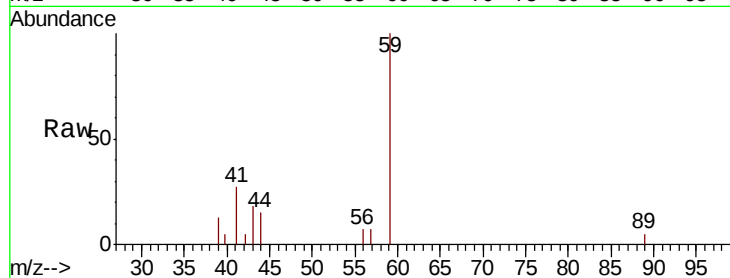


#11

Tert butyl alcohol
 Concen: 28.334 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :

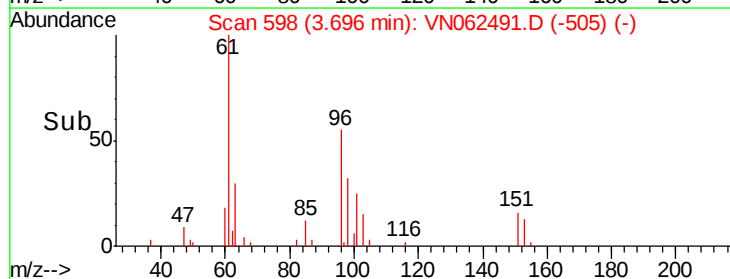
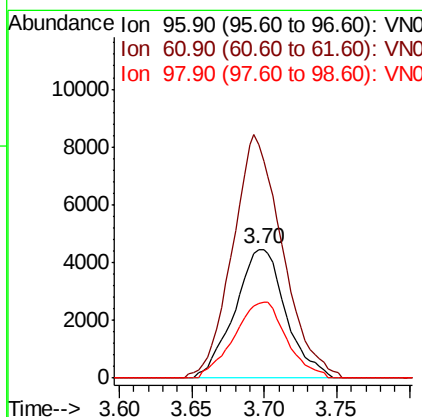
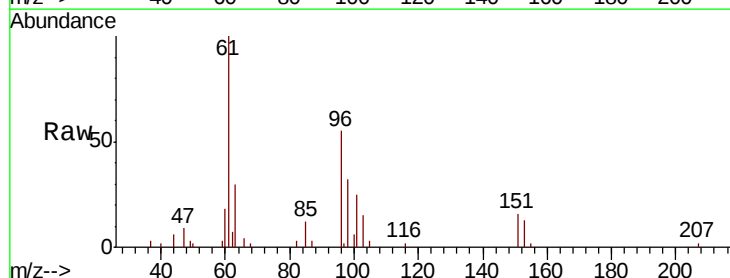
Tot Ion: 59 Resp: 13695
 Ion Ratio Lower Upper
 59 100
 57 5.3 7.8 11.6#

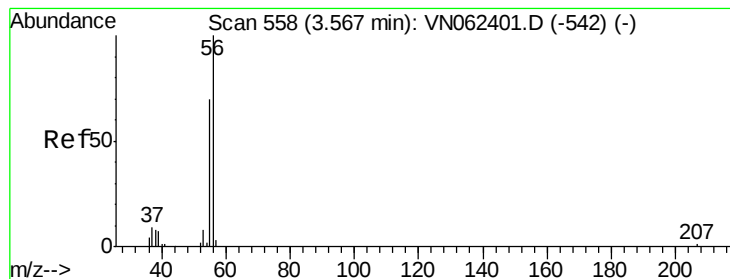


#12

1,1-Dichloroethene
 Concen: 5.594 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Tgt Ion: 96 Resp: 10877
 Ion Ratio Lower Upper
 96 100
 61 177.2 147.4 221.0
 98 57.9 50.4 75.6





#13

Acrolein

Concen: 24.264 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

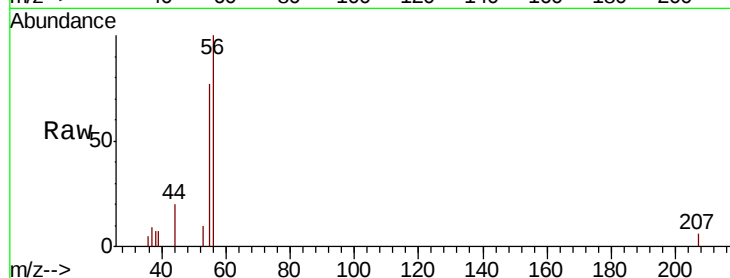
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 8460

Ion Ratio Lower Upper

56 100

55 73.8 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VN062491.D (-542) (-)

Ion 55.00 (54.70 to 55.70): VN062491.D (-542) (-)

3.57

3000

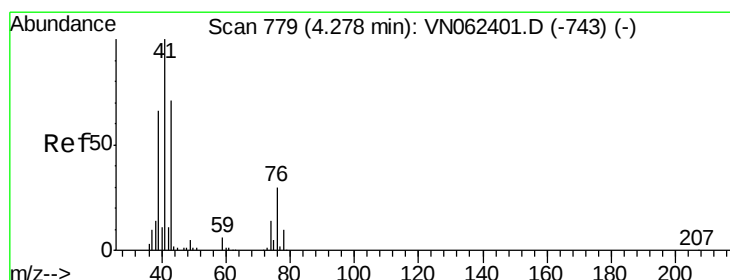
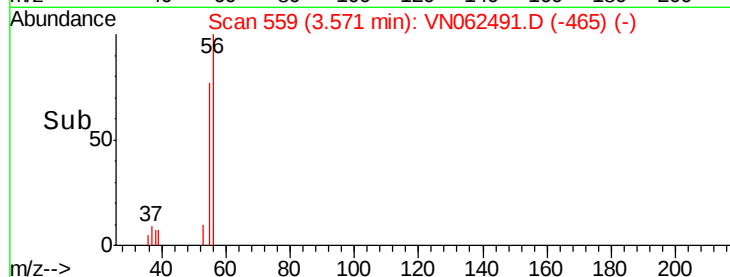
2000

1000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 5.129 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

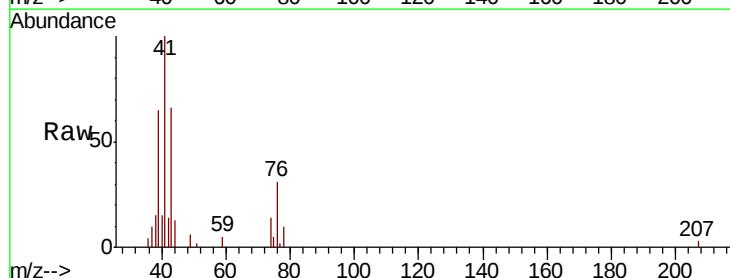
Tgt Ion: 41 Resp: 23455

Ion Ratio Lower Upper

41 100

39 63.4 49.6 74.4

76 28.3 22.2 33.4



Abundance Ion 41.00 (40.70 to 41.70): VN062491.D (-686) (-)

Ion 39.00 (38.70 to 39.70): VN062491.D (-686) (-)

Ion 75.90 (75.60 to 76.60): VN062491.D (-686) (-)

4.28

10000

8000

6000

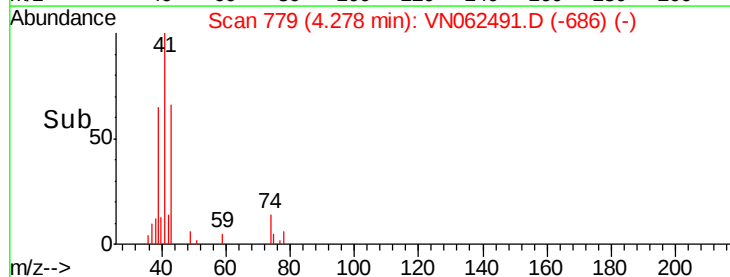
4000

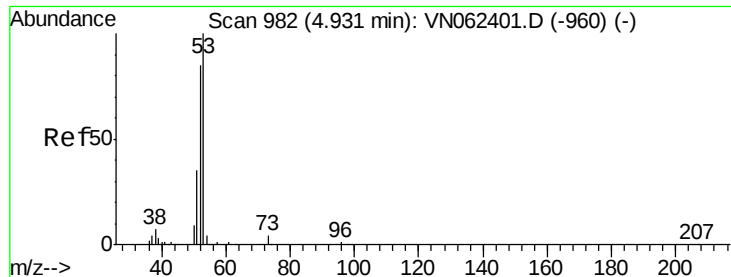
2000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 26.384 ug/l

RT: 4.94 min Scan# 984

Delta R.T. 0.01 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

ClientSampled :

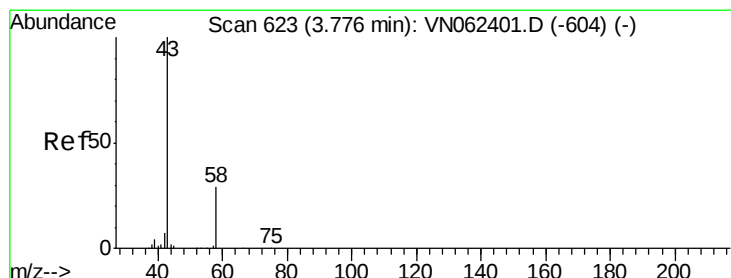
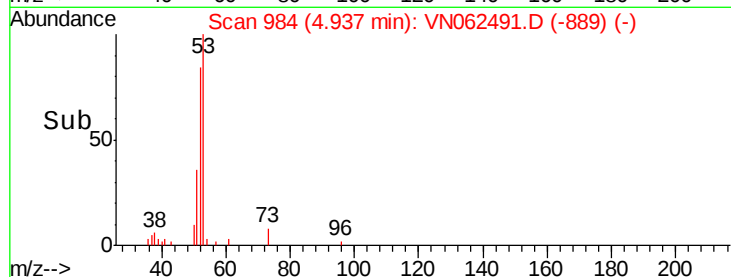
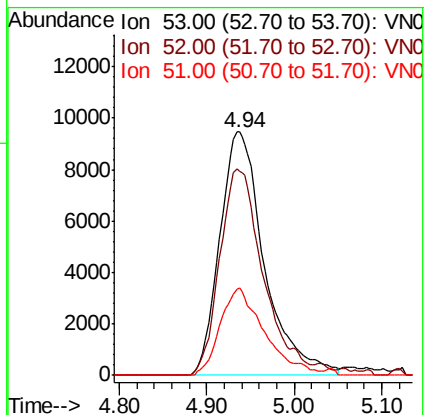
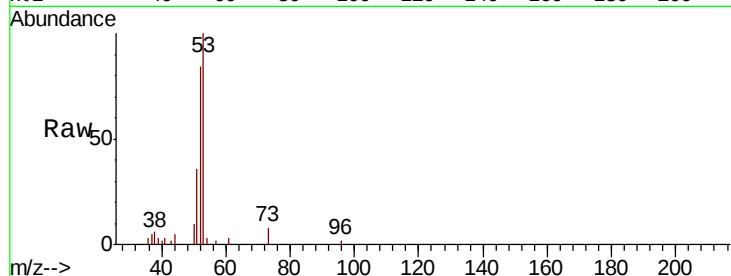
Tot Ion: 53 Resp: 33446

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.4

51 35.7 28.7 43.1



#16

Acetone

Concen: 24.296 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062491.D

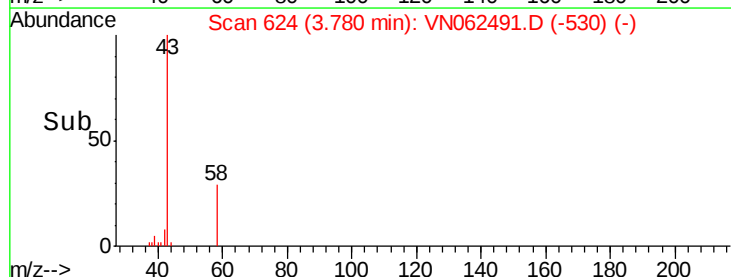
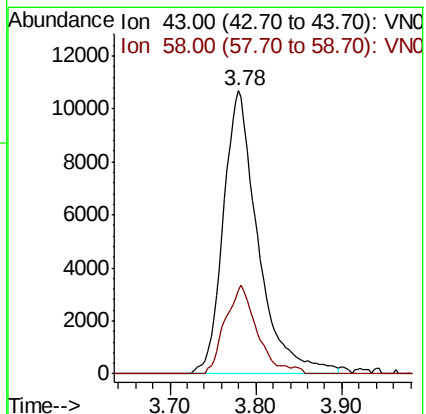
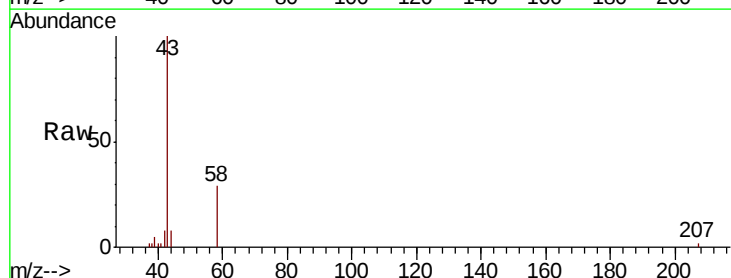
Acq: 10 Jul 2020 14:18

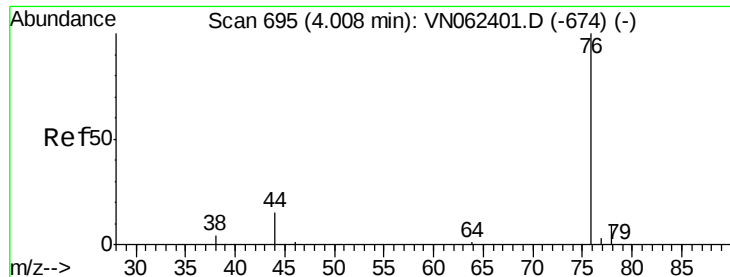
Tgt Ion: 43 Resp: 30055

Ion Ratio Lower Upper

43 100

58 29.5 23.5 35.3

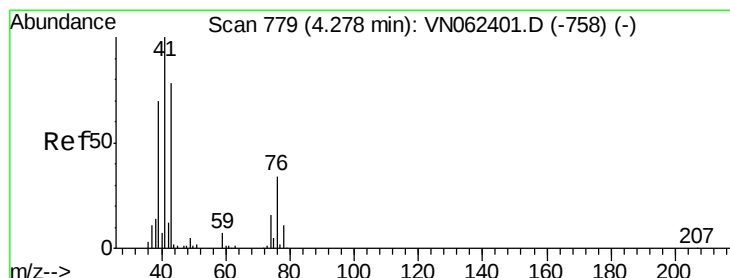
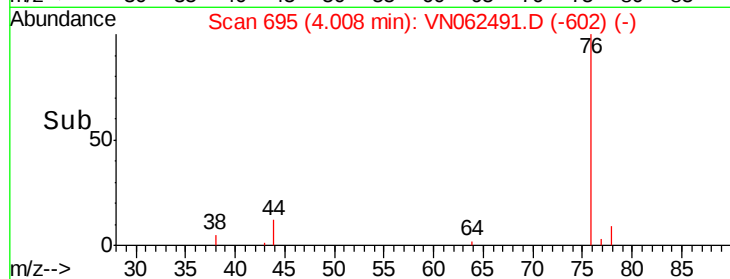
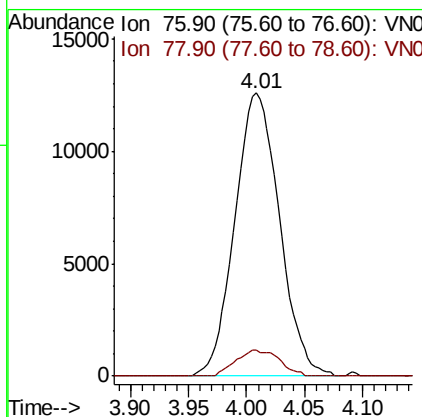
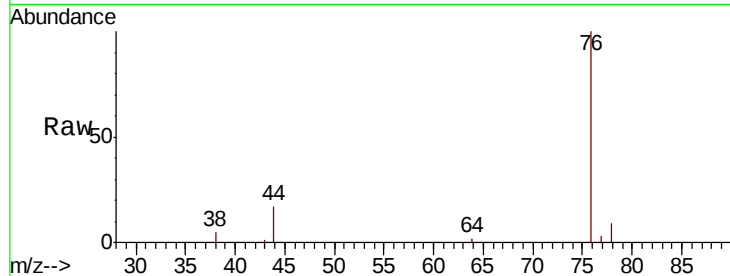




#17
Carbon Disulfide
Concen: 5.527 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

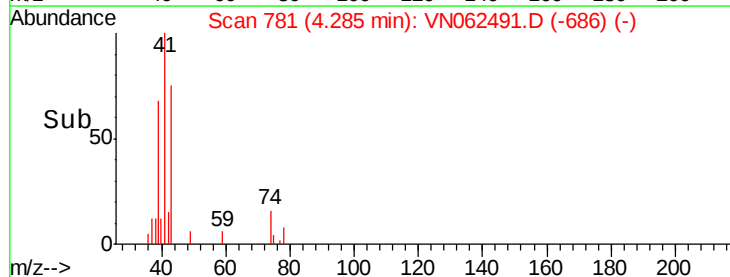
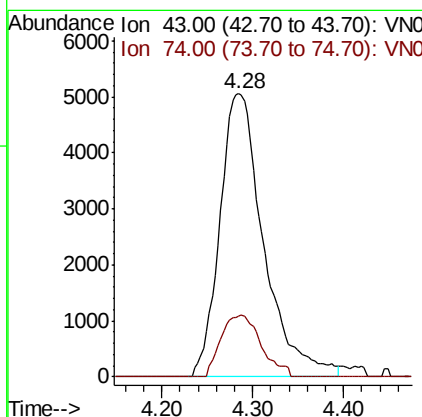
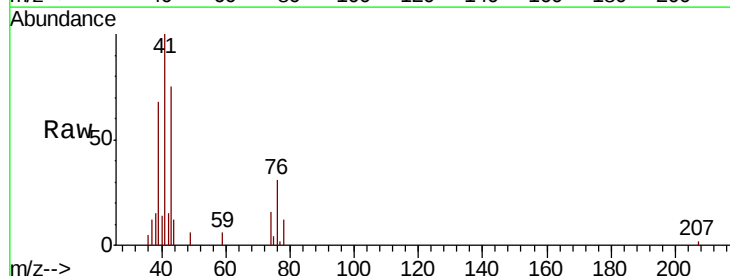
Instrument :
MSVOA_N
ClientSampled :

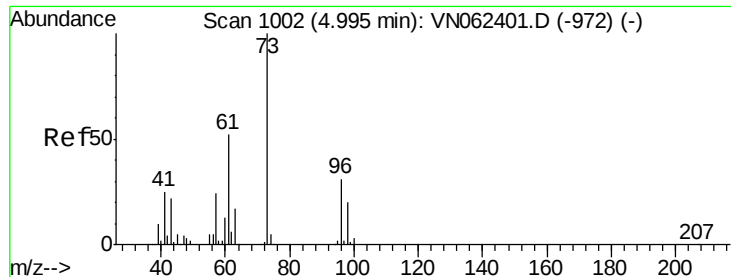
Tot Ion: 76 Resp: 33672
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 5.491 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Tgt Ion: 43 Resp: 16953
Ion Ratio Lower Upper
43 100
74 19.9 16.0 24.0

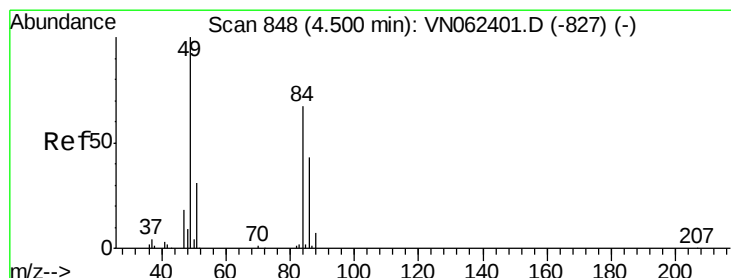
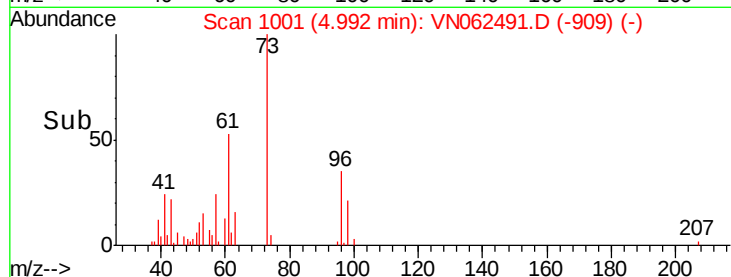
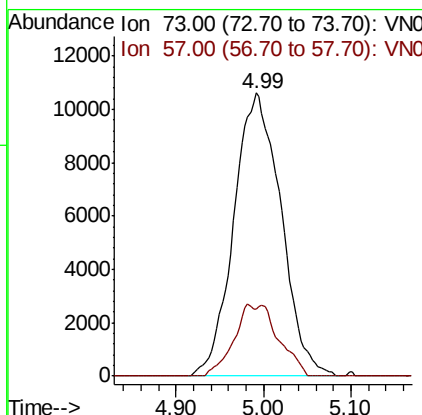
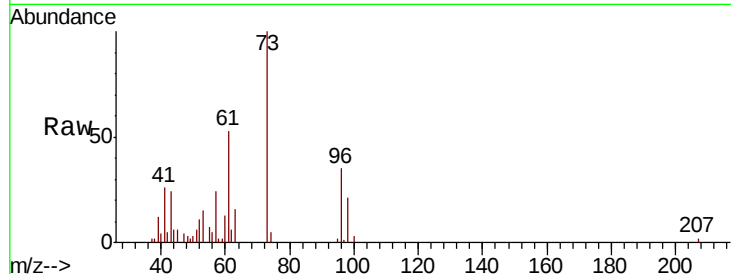




#19
Methyl tert-butyl Ether
Concen: 5.384 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

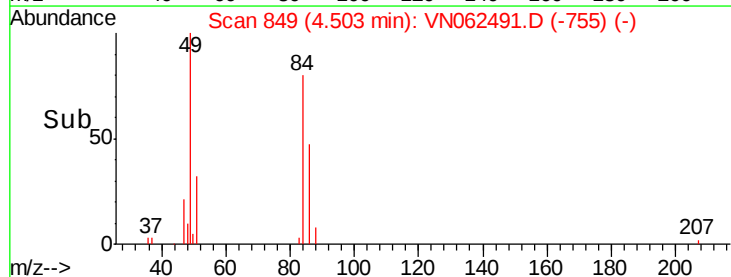
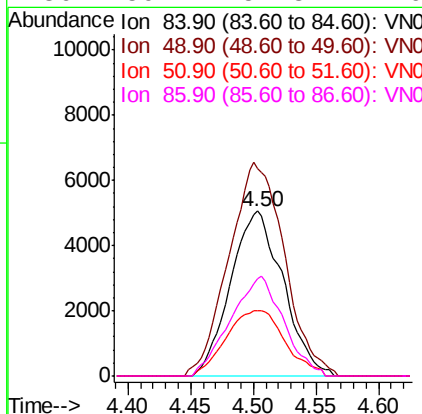
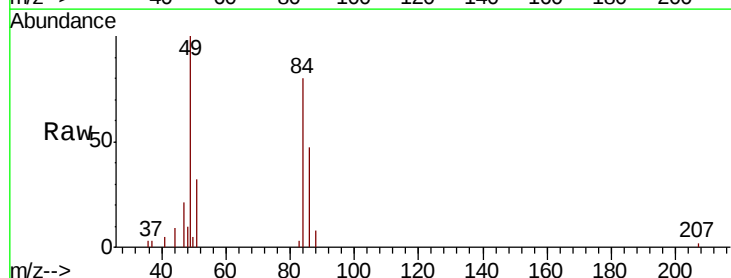
Instrument :
MSVOA_N
ClientSampleId :

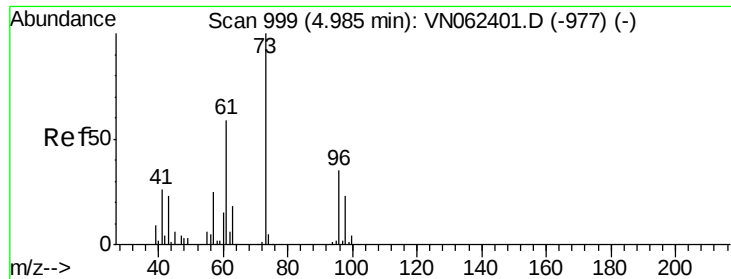
Tot Ion: 73 Resp: 39692
Ion Ratio Lower Upper
73 100
57 23.7 19.4 29.0



#20
Methylene Chloride
Concen: 5.571 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Tgt Ion: 84 Resp: 14736
Ion Ratio Lower Upper
84 100
49 125.7 120.0 180.0
51 39.8 37.0 55.6
86 59.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 5.616 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :

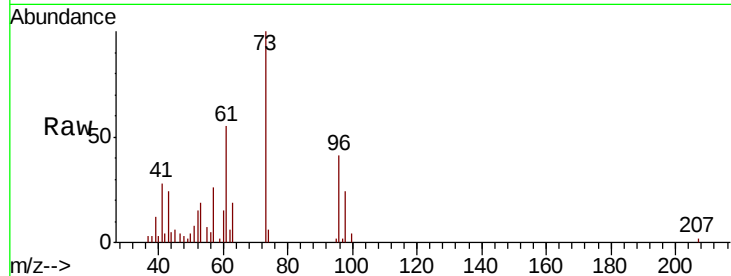
Tot Ion: 96 Resp: 11830

Ion Ratio Lower Upper

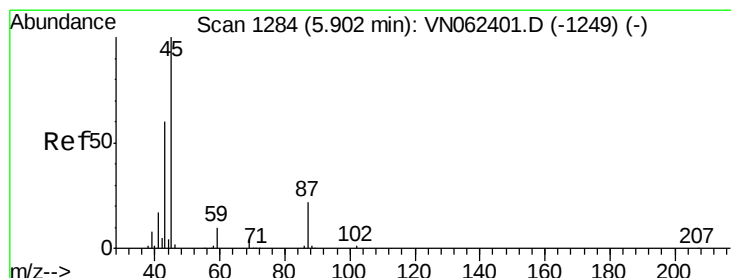
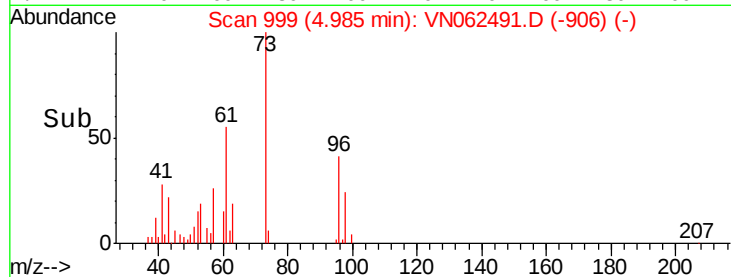
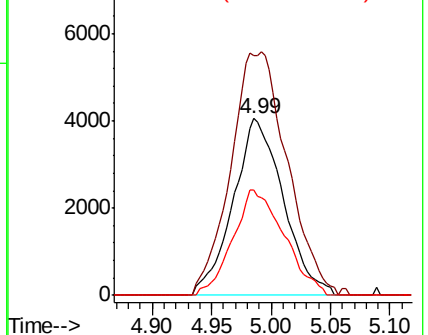
96 100

61 135.5 133.5 200.3

98 59.4 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 5.330 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Tgt Ion: 45 Resp: 48157

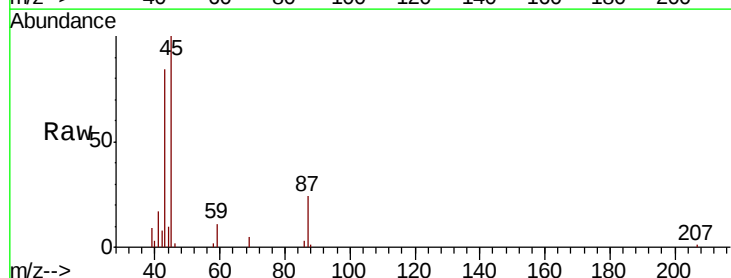
Ion Ratio Lower Upper

45 100

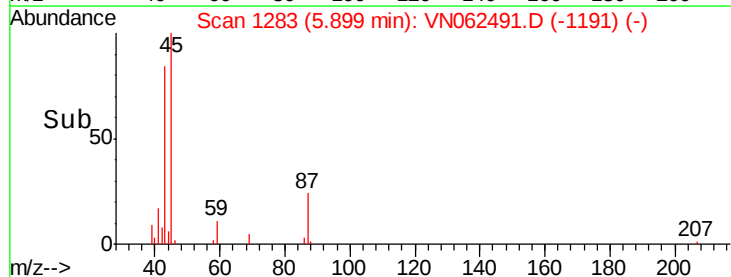
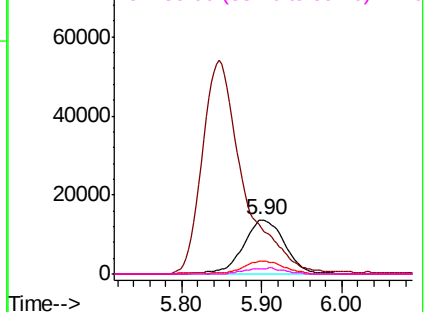
43 80.0 50.1 75.1#

87 23.8 18.2 27.4

59 10.6 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 25.698 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

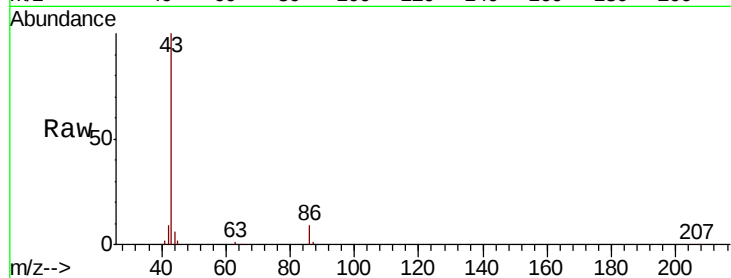
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 192326

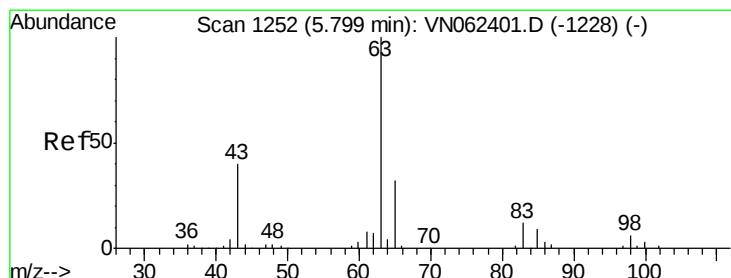
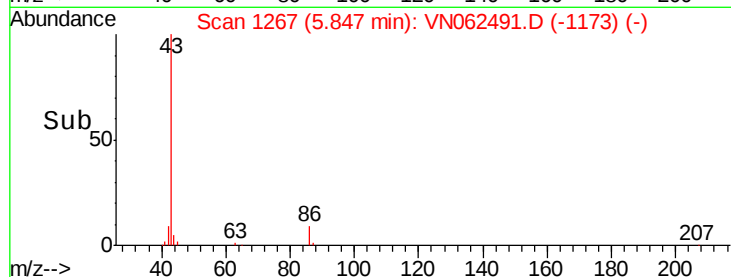
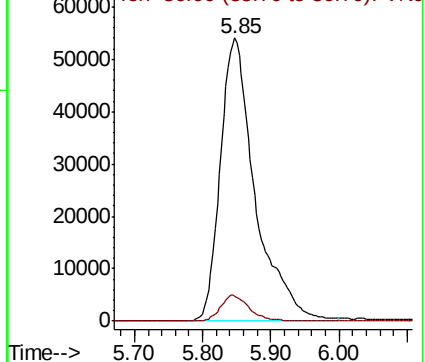
Ion Ratio Lower Upper

43 100

86 8.8 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 5.427 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

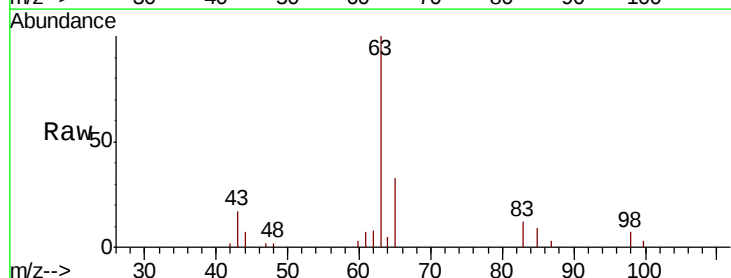
Tgt Ion: 63 Resp: 25337

Ion Ratio Lower Upper

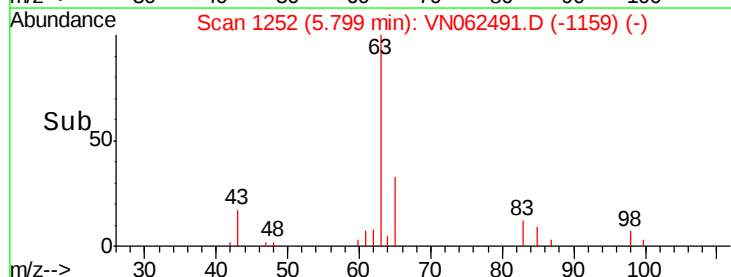
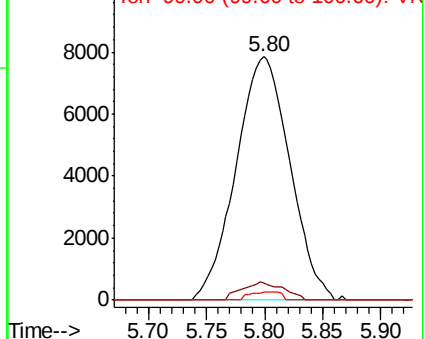
63 100

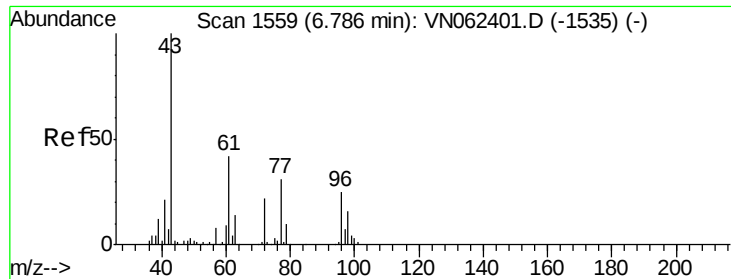
98 7.1 2.9 8.8

100 3.2 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 25.548 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

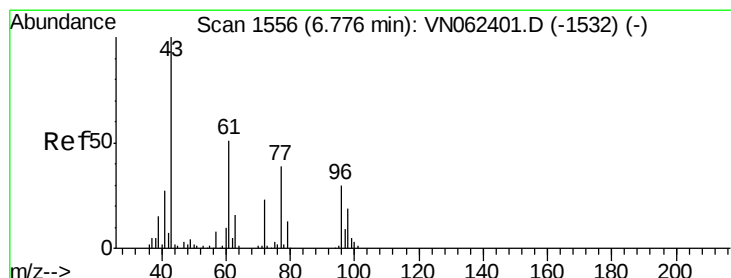
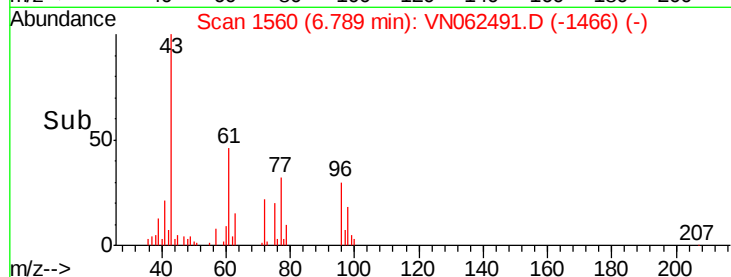
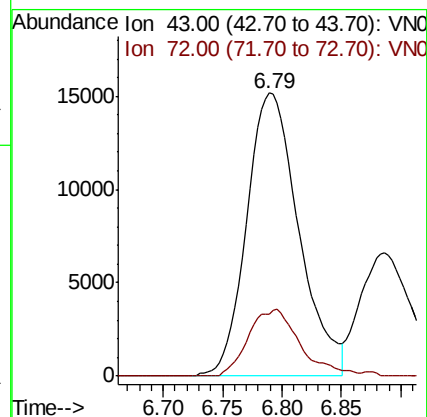
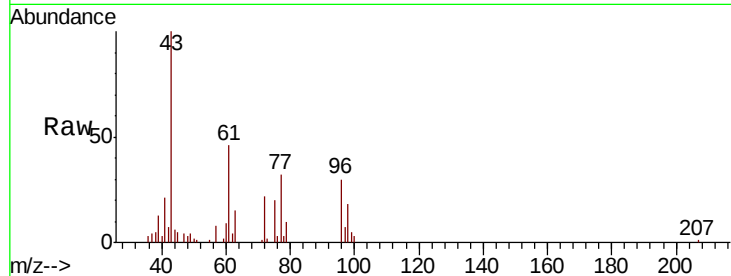
ClientSampled :

Tot Ion: 43 Resp: 46156

Ion Ratio Lower Upper

43 100

72 22.1 17.9 26.9



#26

2,2-Dichloropropane

Concen: 5.285 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062491.D

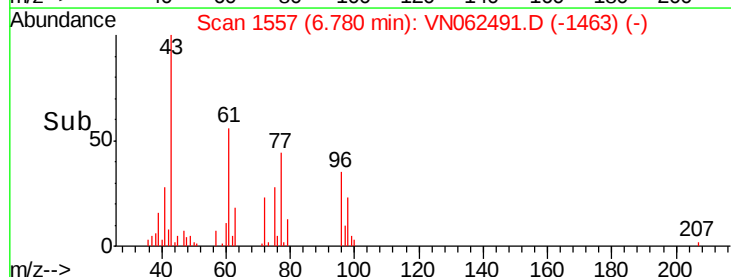
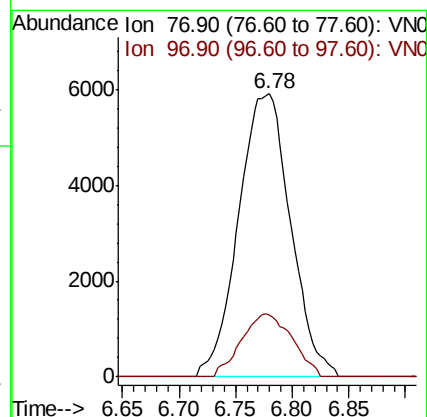
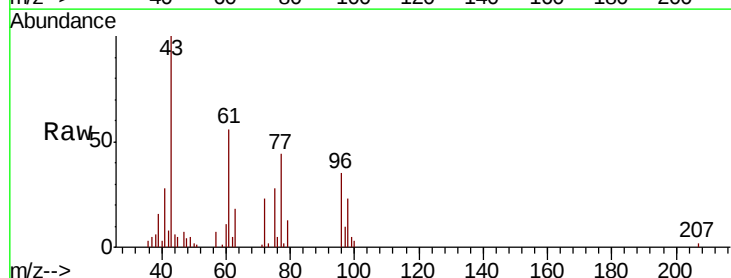
Acq: 10 Jul 2020 14:18

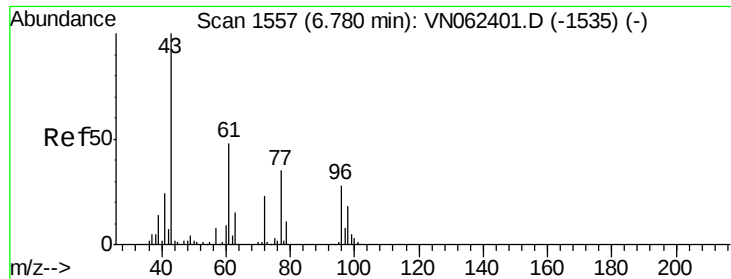
Tgt Ion: 77 Resp: 18918

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.9

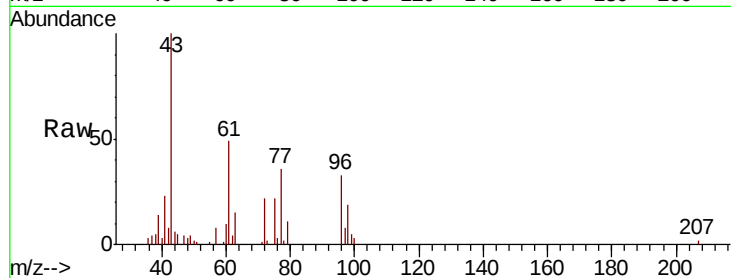




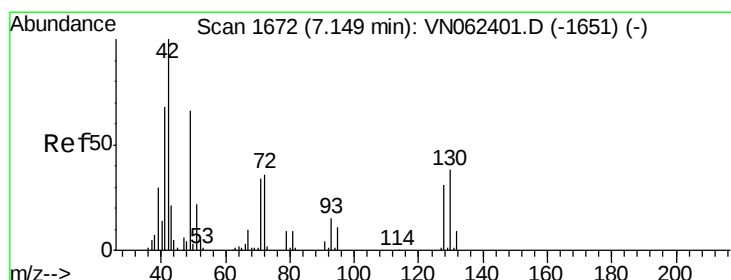
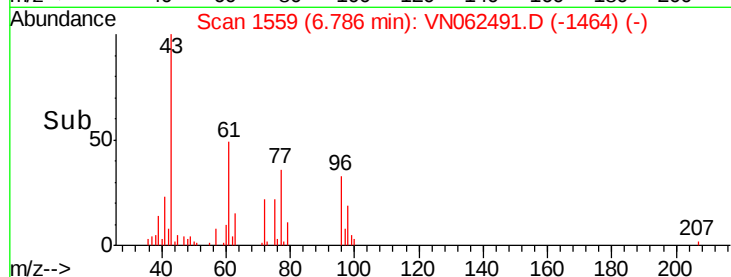
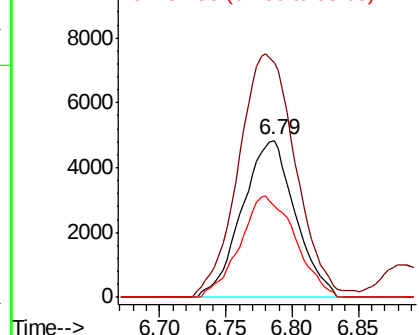
#27
 cis-1,2-Dichloroethene
 Concen: 5.516 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 96 Resp: 13458
 Ion Ratio Lower Upper
 96 100
 61 167.5 0.0 343.4
 98 67.3 0.0 128.4

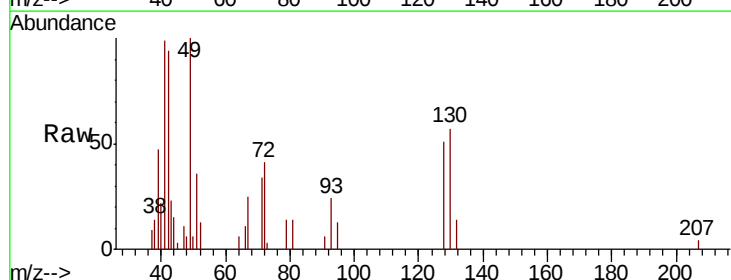


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

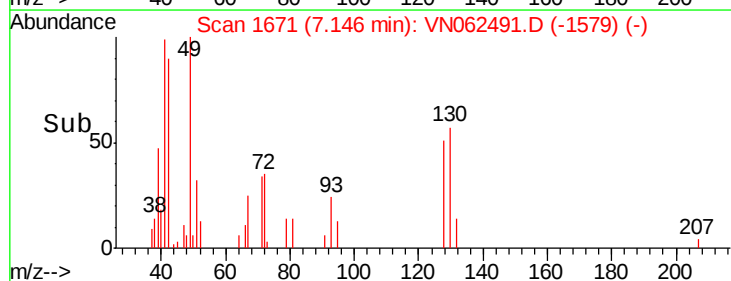
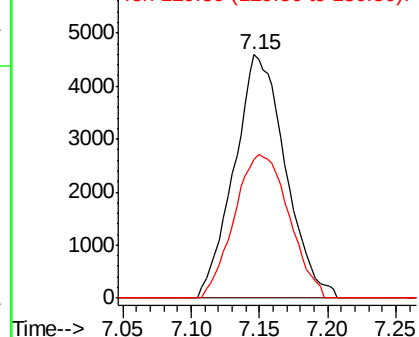


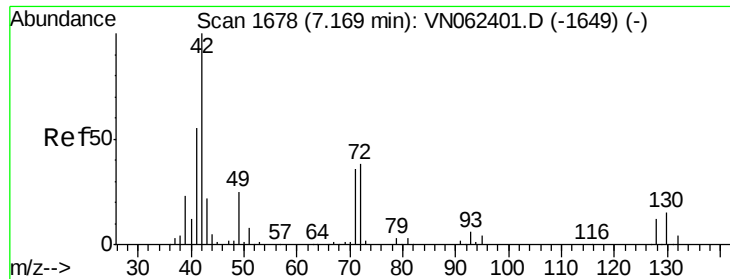
#28
 Bromochloromethane
 Concen: 4.726 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Tgt Ion: 49 Resp: 11988
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 2.8
 130 62.8 46.5 69.7



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

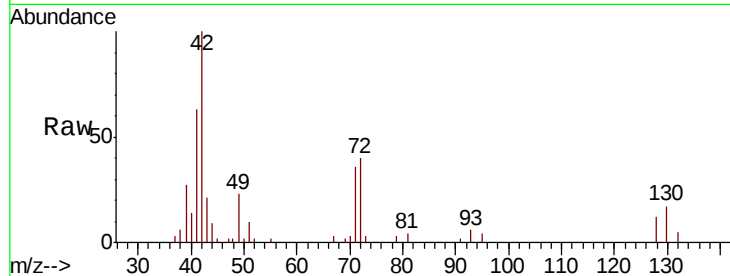




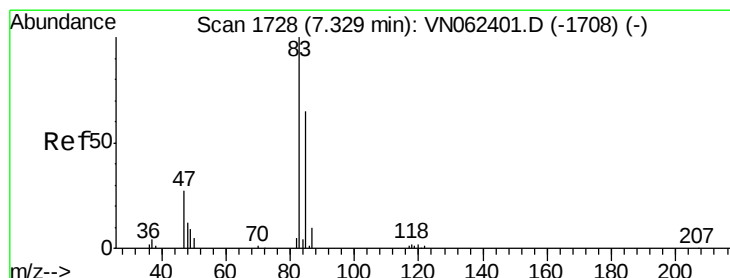
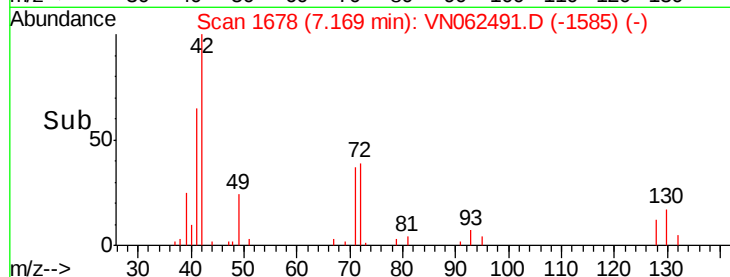
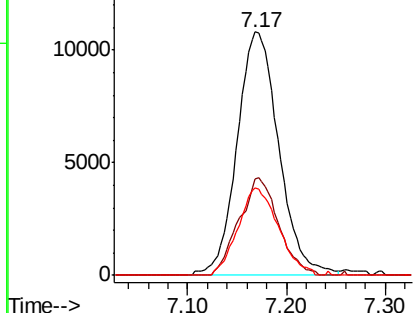
#29
Tetrahydrofuran
Concen: 25.984 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.8	29.1	43.7
71	34.8	28.1	42.1

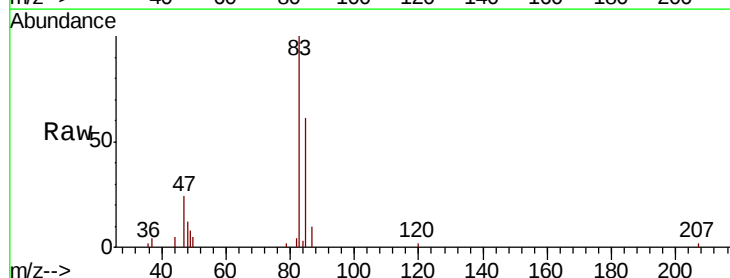


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

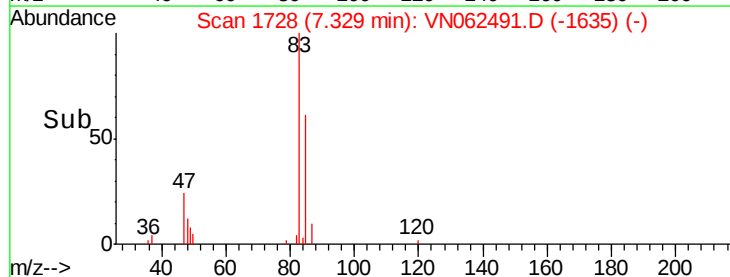
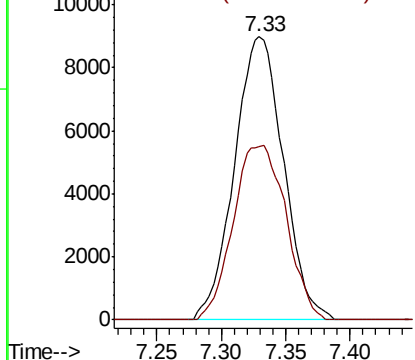


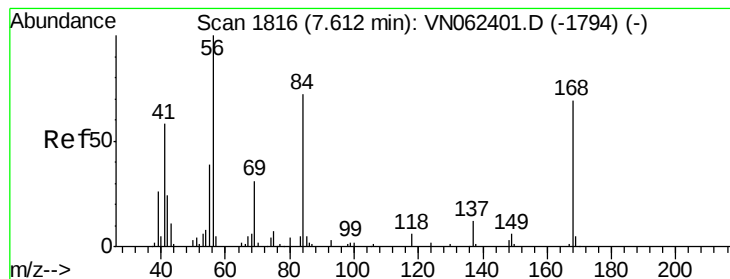
#30
Chloroform
Concen: 5.644 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	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: 5.754 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

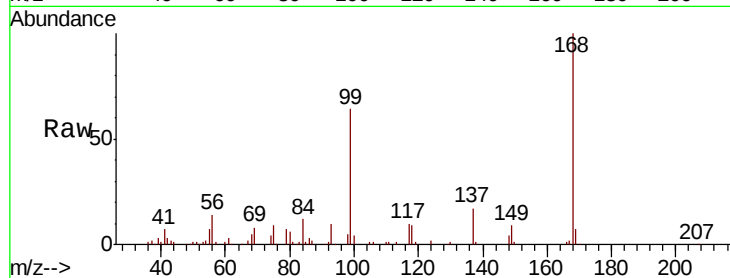
Tot Ion: 56 Resp: 25464

Ion Ratio Lower Upper

56 100

69 57.2 24.5 36.7#

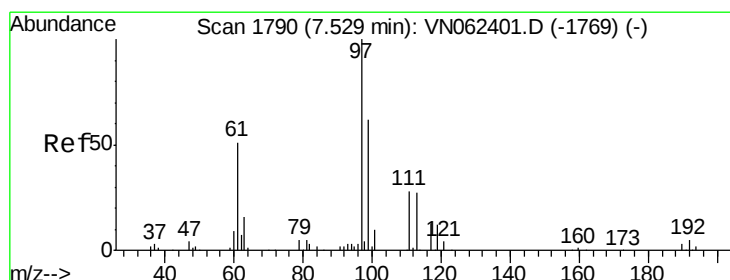
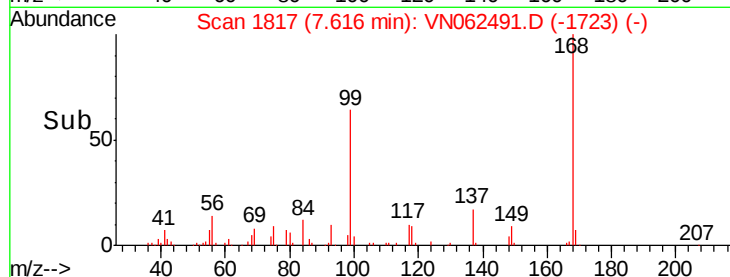
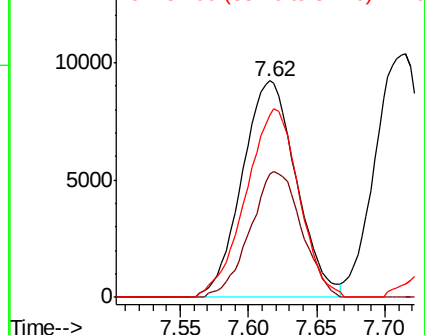
84 84.5 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN062491.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062491.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062491.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 5.530 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

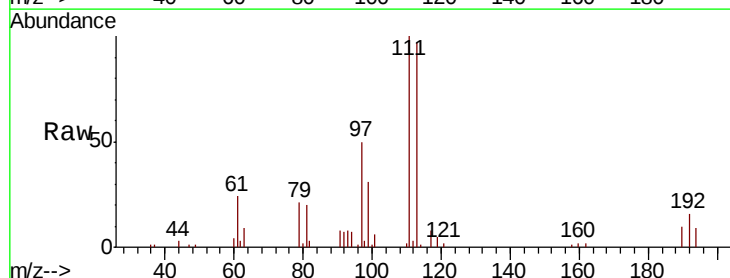
Tgt Ion: 97 Resp: 19389

Ion Ratio Lower Upper

97 100

99 65.3 50.4 75.6

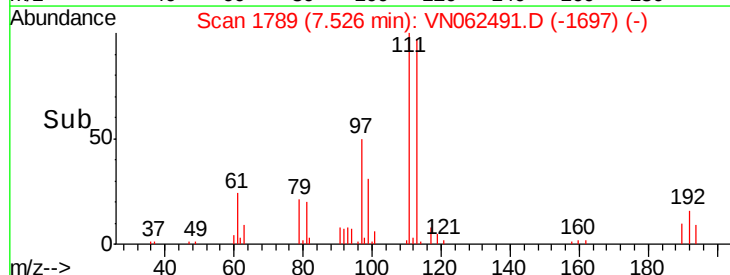
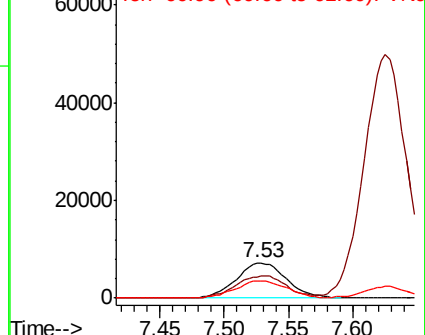
61 49.2 39.9 59.9

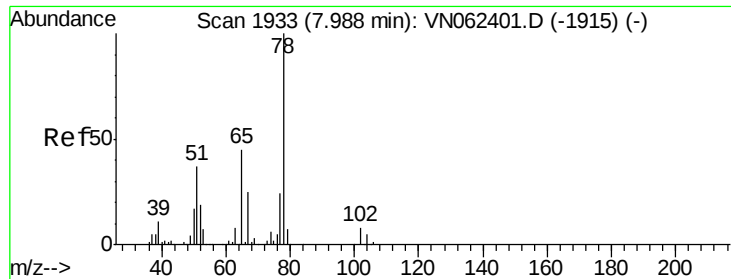


Abundance Ion 96.90 (96.60 to 97.60): VN062491.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062491.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062491.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.444 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

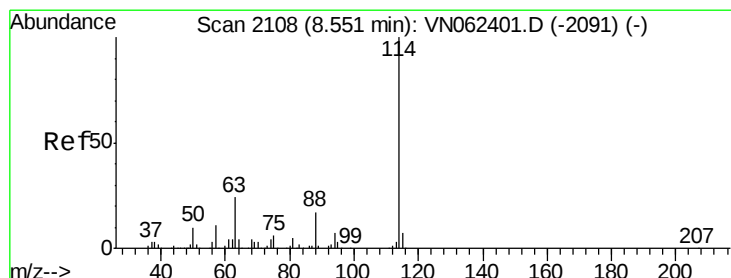
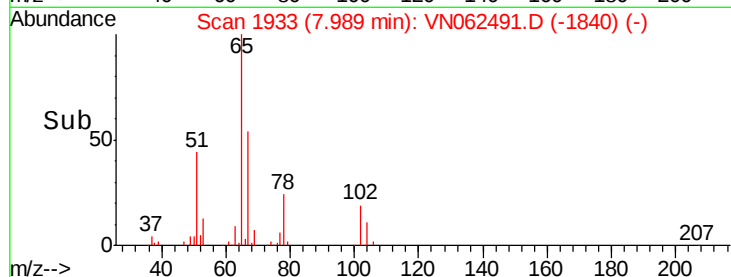
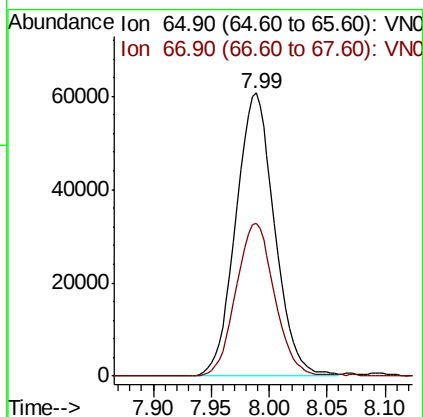
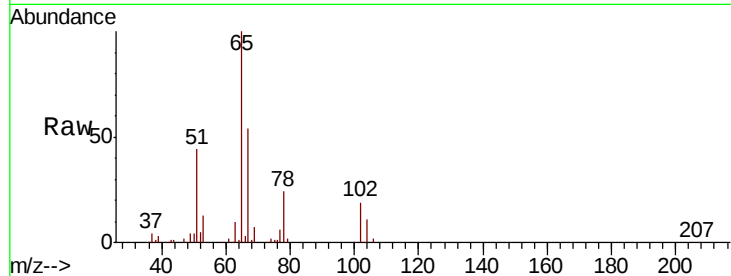
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 141153

Ion Ratio Lower Upper

65 100

67 53.8 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: VN062491.D

Acq: 10 Jul 2020 14:18

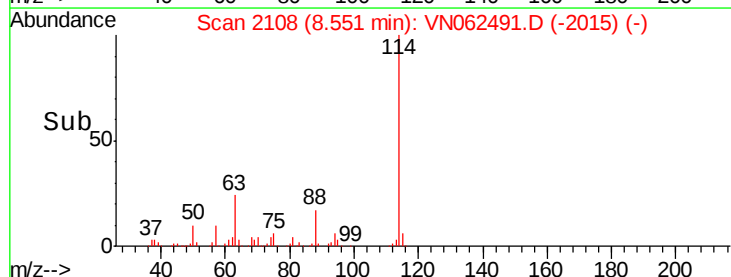
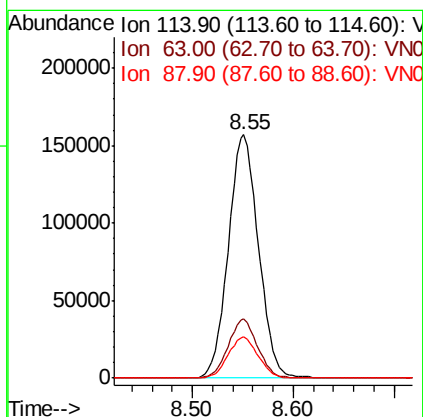
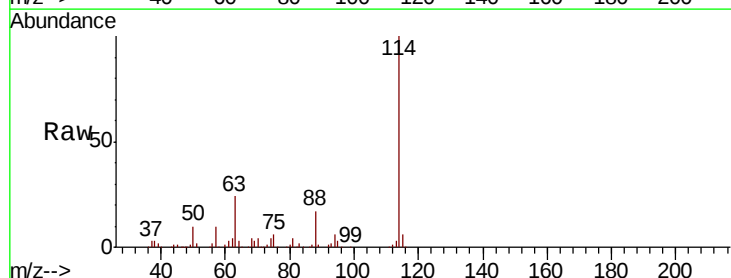
Tgt Ion: 114 Resp: 326762

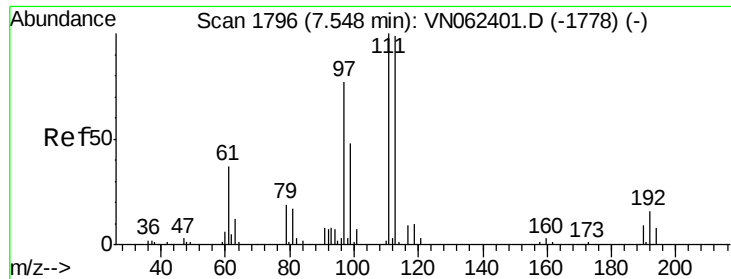
Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.4

88 16.8 0.0 33.8

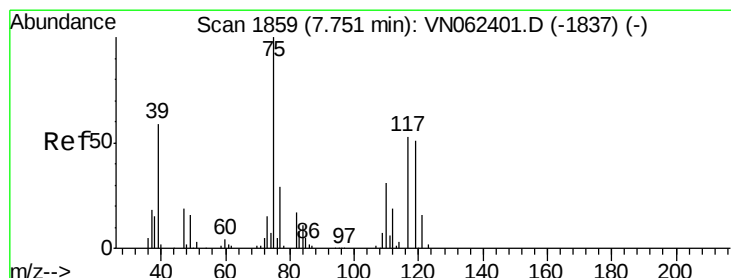
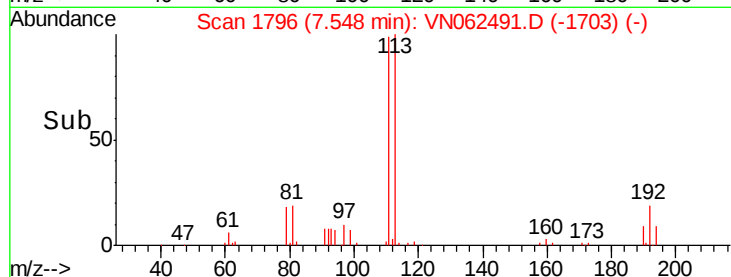
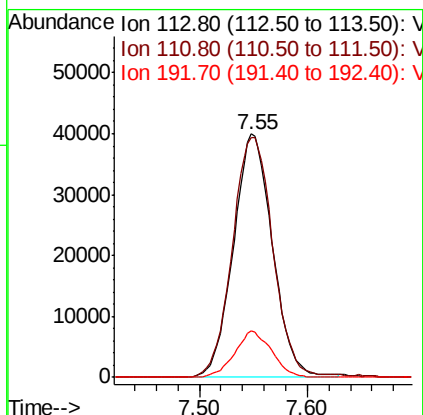
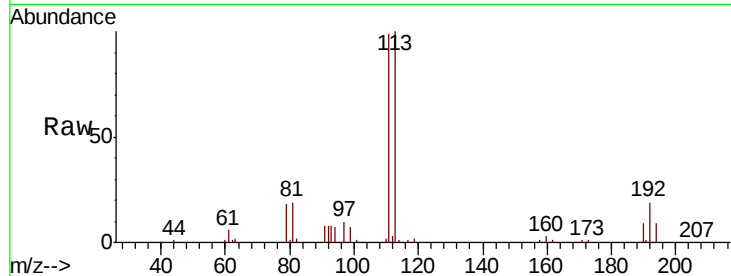




#35
 Dibromofluoromethane
 Concen: 49.863 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

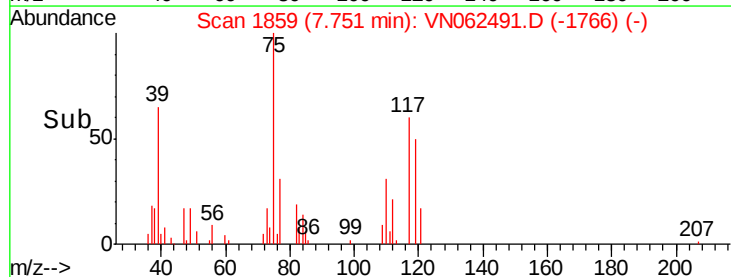
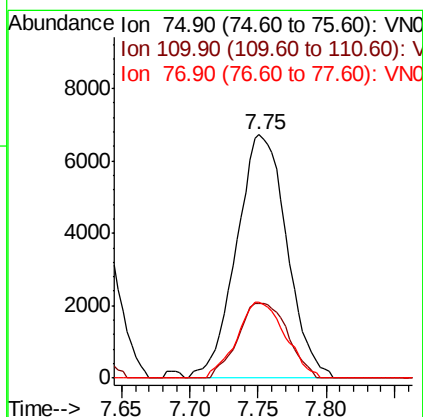
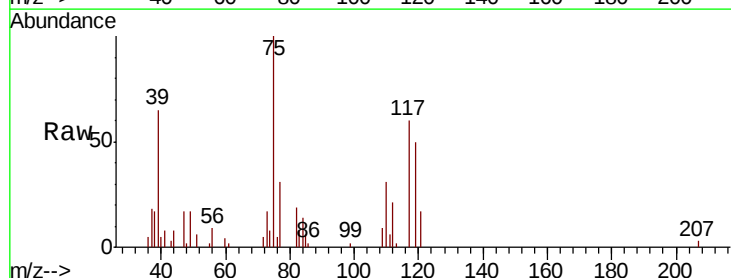
Instrument :
 MSVOA_N
 ClientSampled :

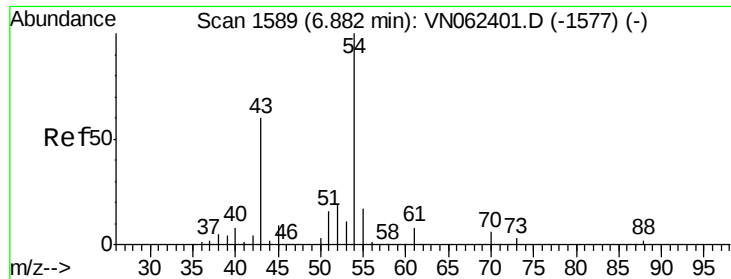
Tot Ion:113 Resp: 100714
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.1 124.7
 192 17.9 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 5.225 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Tgt Ion: 75 Resp: 17200
 Ion Ratio Lower Upper
 75 100
 110 30.4 15.4 46.2
 77 29.8 24.1 36.1

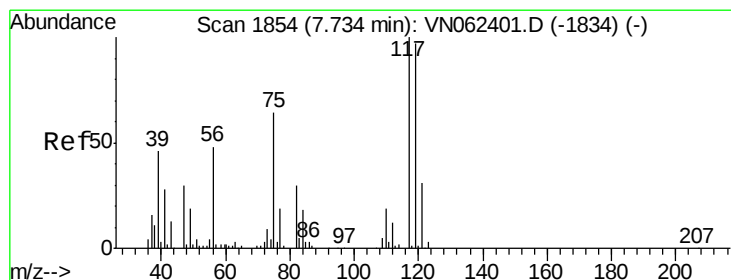
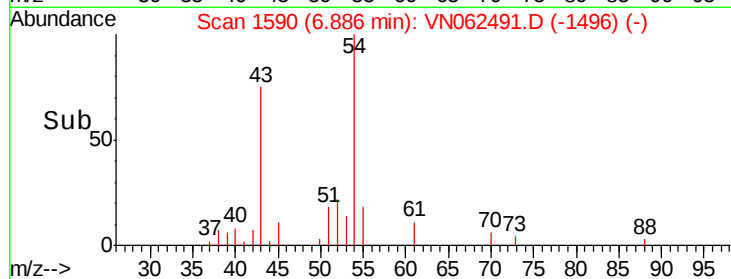
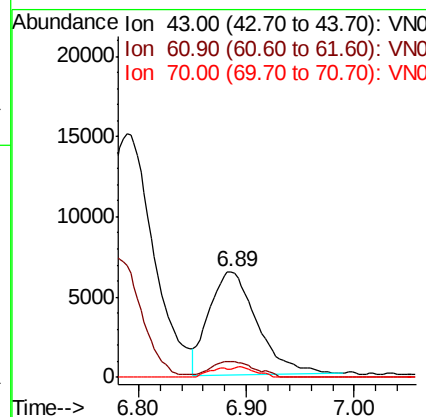
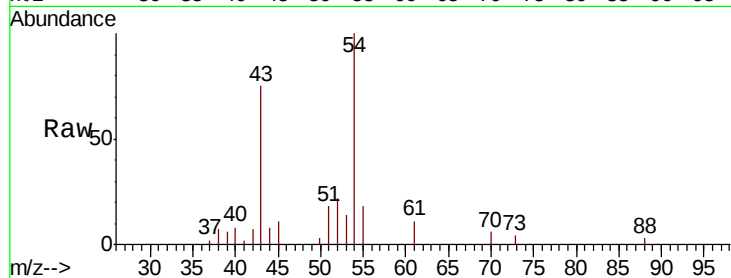




#37
Ethyl Acetate
Concen: 5.157 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

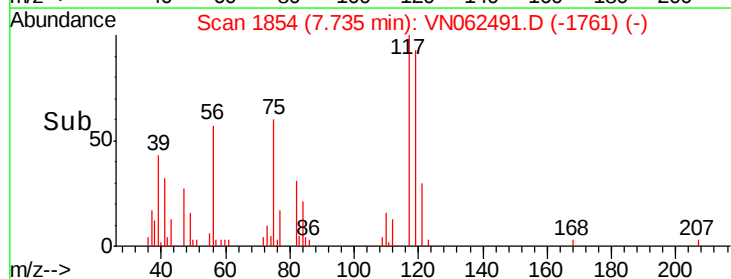
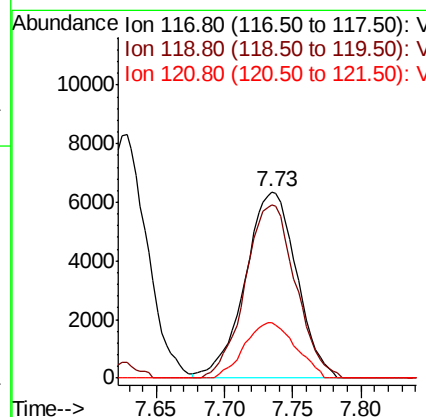
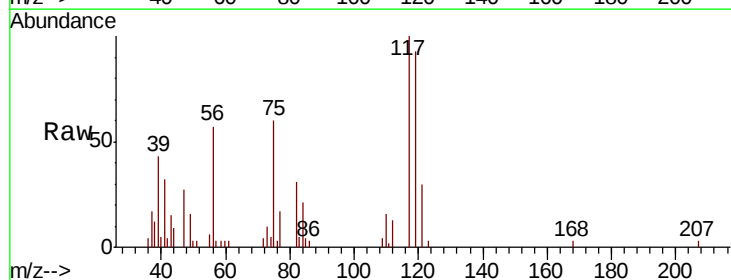
Instrument :
MSVOA_N
ClientSampleId :

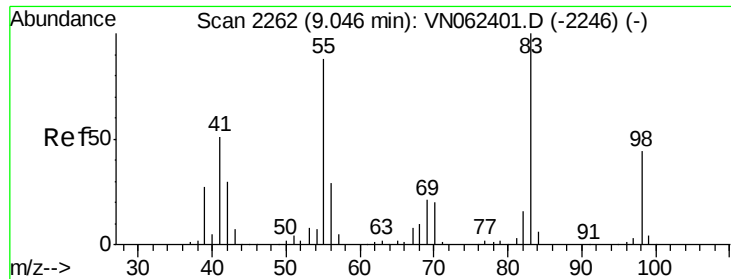
Tot Ion: 43 Resp: 19853
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 4.1 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 5.614 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Tgt Ion: 117 Resp: 16616
Ion Ratio Lower Upper
117 100
119 93.2 77.2 115.8
121 29.8 24.8 37.2

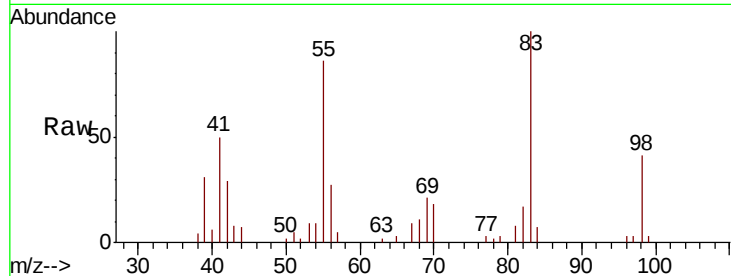




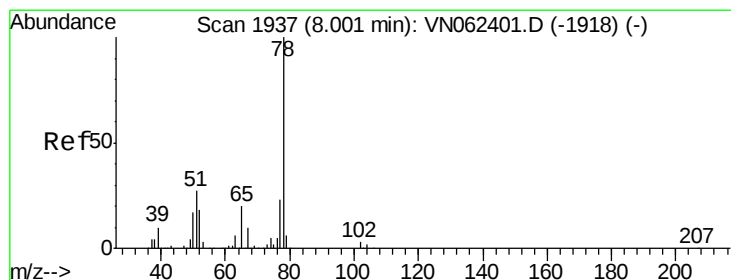
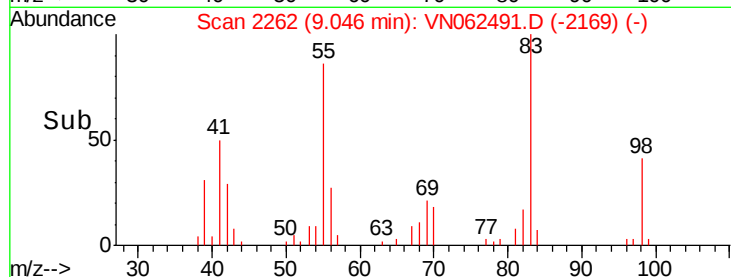
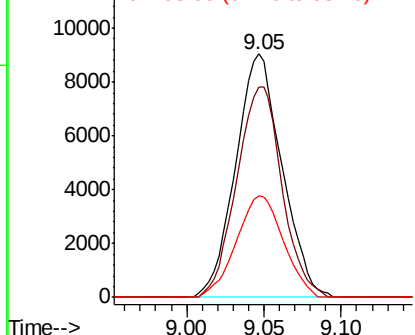
#39
Methvlcvclohexane
Concen: 5.362 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 18847
Ion Ratio Lower Upper
83 100
55 86.4 70.5 105.7
98 41.5 35.5 53.3

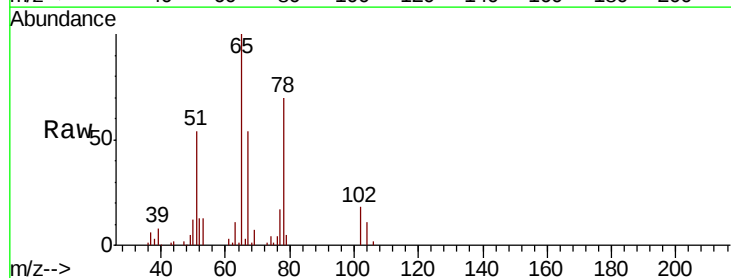


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

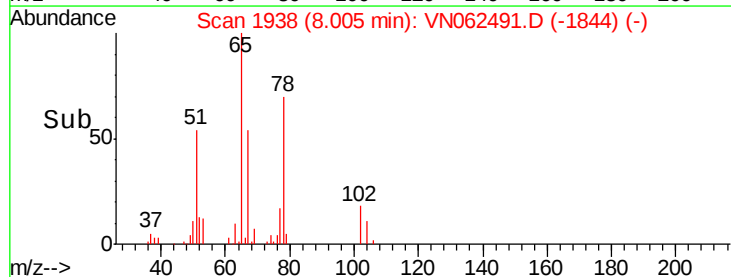
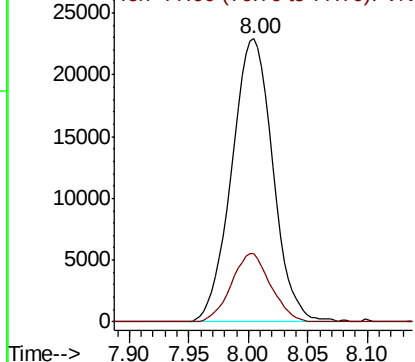


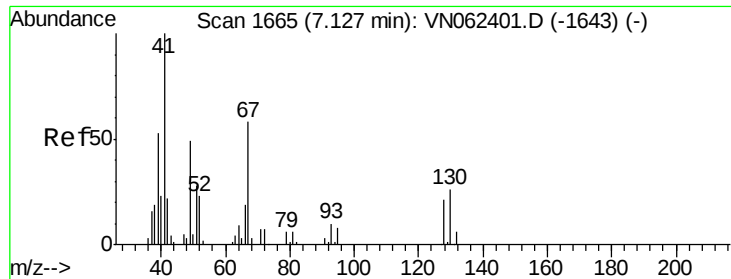
#40
Benzene
Concen: 5.667 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Tgt Ion: 78 Resp: 54982
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1



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

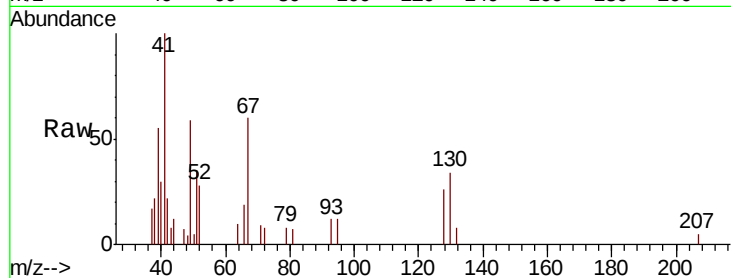




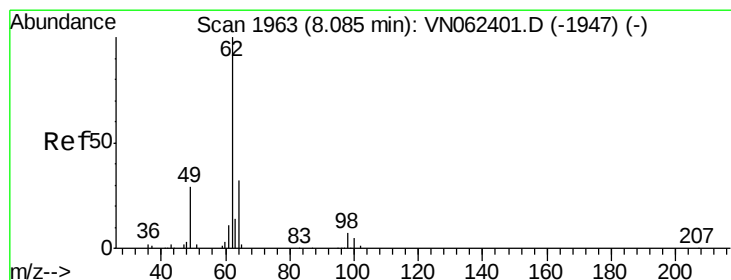
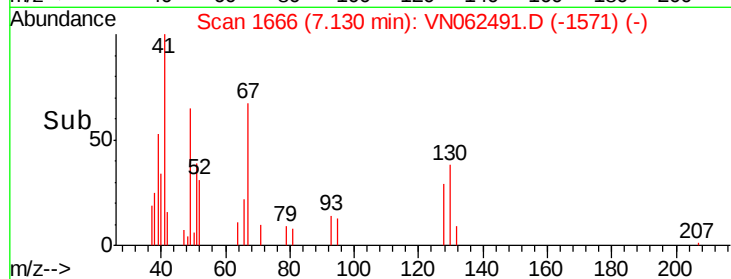
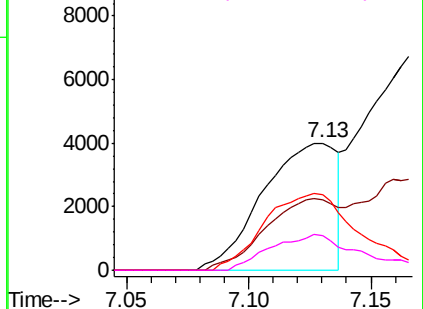
#41
Methacrylonitrile
Concen: 5.240 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 8428
Ion Ratio Lower Upper
41 100
39 53.3 50.2 75.2
67 75.7 64.2 96.2
52 33.8 28.0 42.0

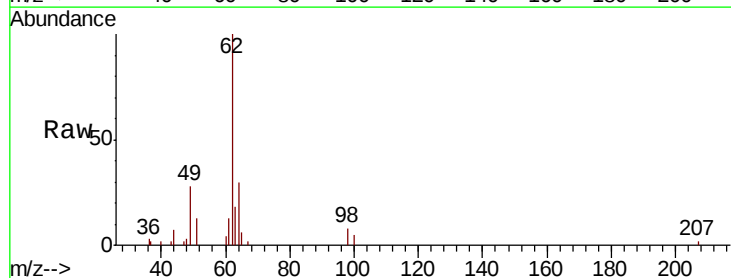


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

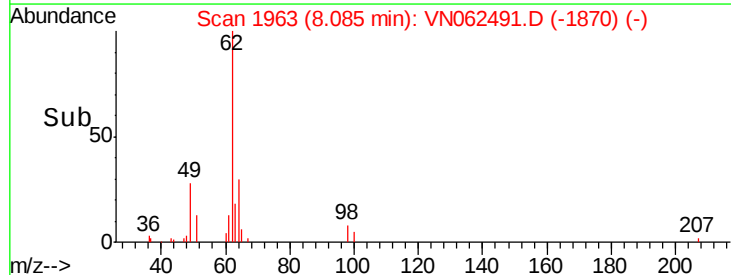
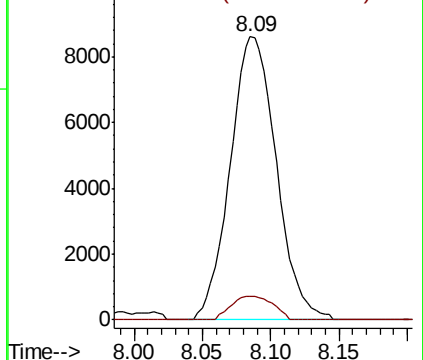


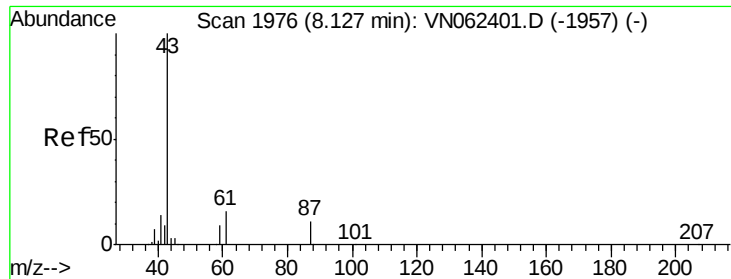
#42
1,2-Dichloroethane
Concen: 5.690 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Tgt Ion: 62 Resp: 20213
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 5.248 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

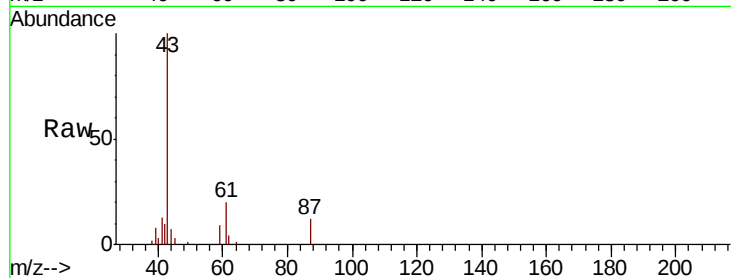
Tot Ion: 43 Resp: 31914

Ion Ratio Lower Upper

43 100

61 20.5 19.3 28.9

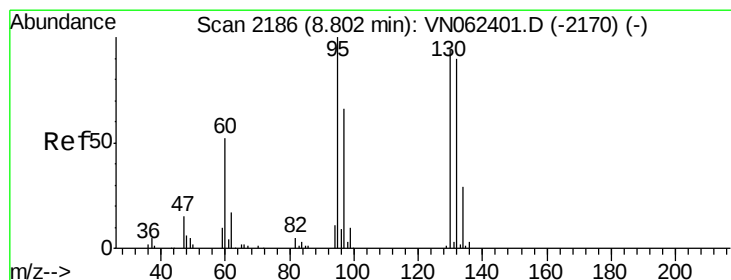
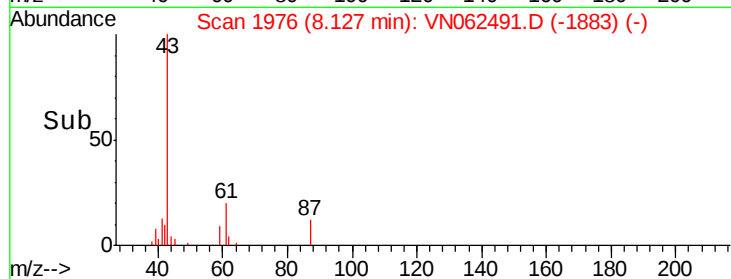
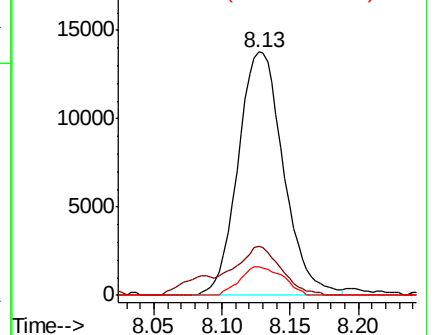
87 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



#44

Trichloroethene

Concen: 5.317 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062491.D

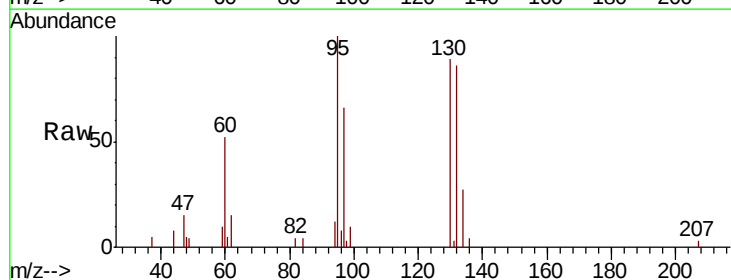
Acq: 10 Jul 2020 14:18

Tgt Ion: 130 Resp: 11447

Ion Ratio Lower Upper

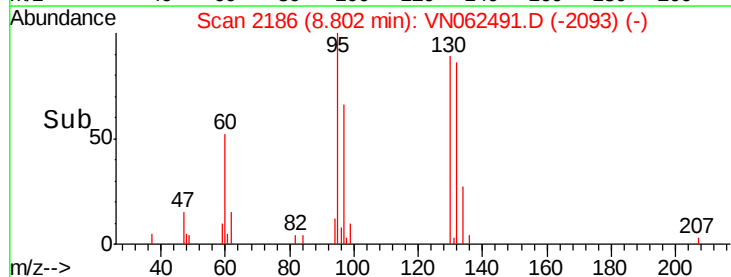
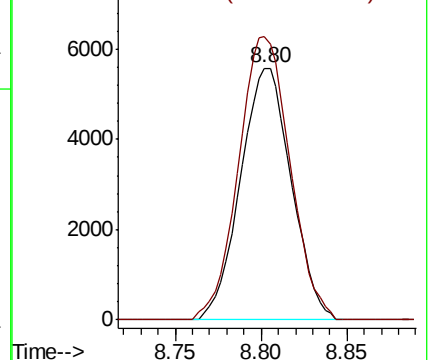
130 100

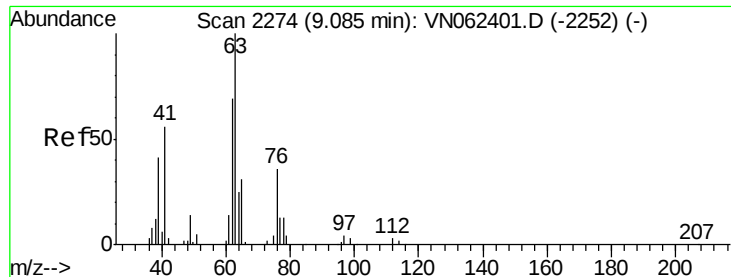
95 112.4 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062401.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062401.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 5.160 ug/l

RT: 9.09 min Scan# 2275

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

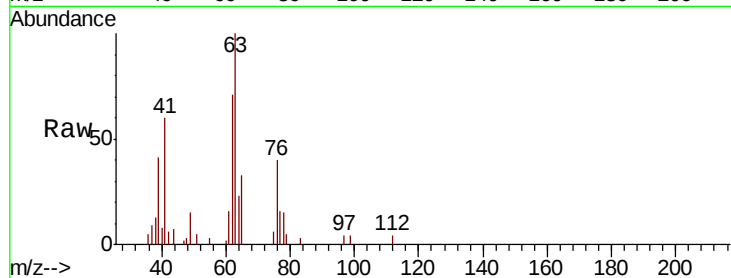
ClientSampleId :

Tot Ion: 63 Resp: 14535

Ion Ratio Lower Upper

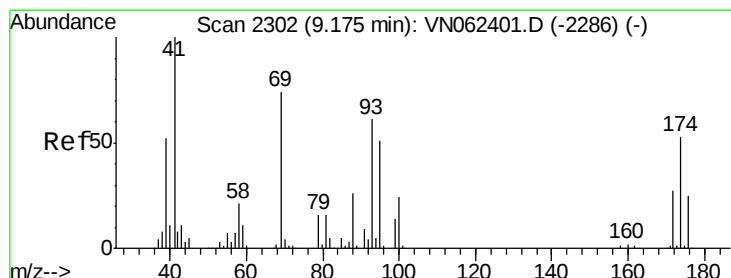
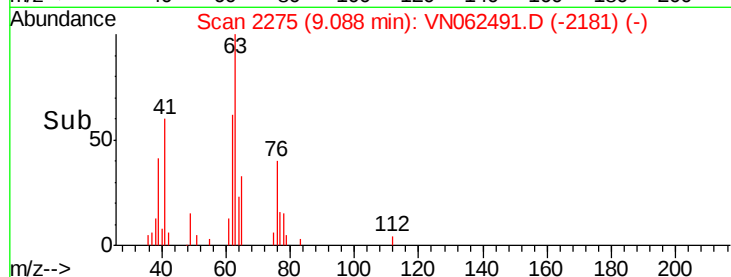
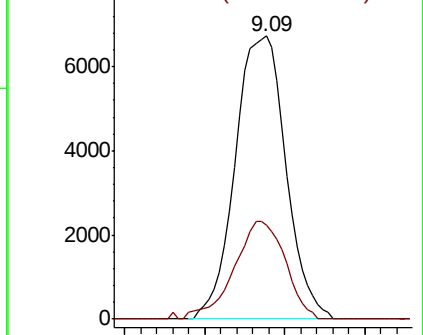
63 100

65 33.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 5.532 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

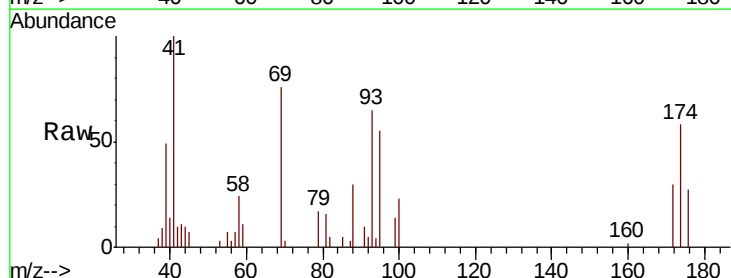
Tgt Ion: 93 Resp: 8793

Ion Ratio Lower Upper

93 100

95 81.6 67.1 100.7

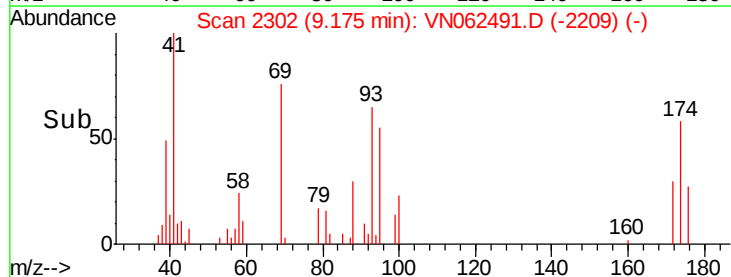
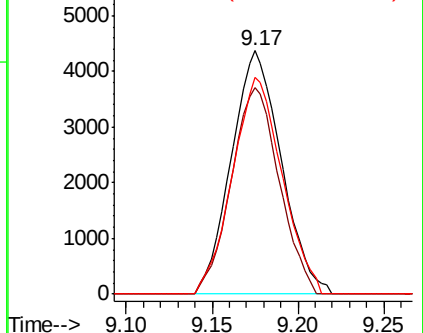
174 88.6 70.4 105.6

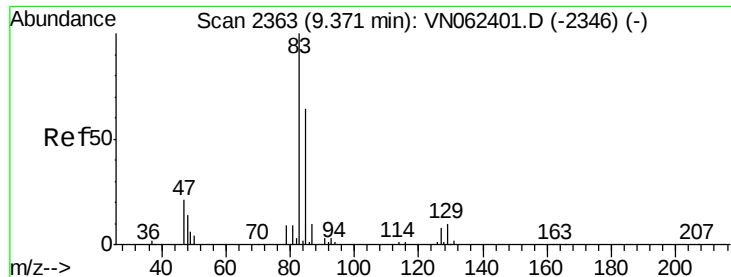


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 5.386 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :

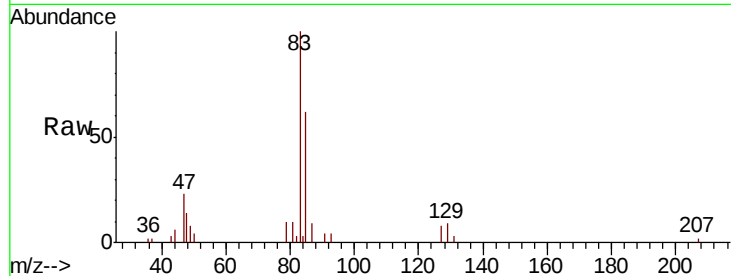
Tot Ion: 83 Resp: 18304

Ion Ratio Lower Upper

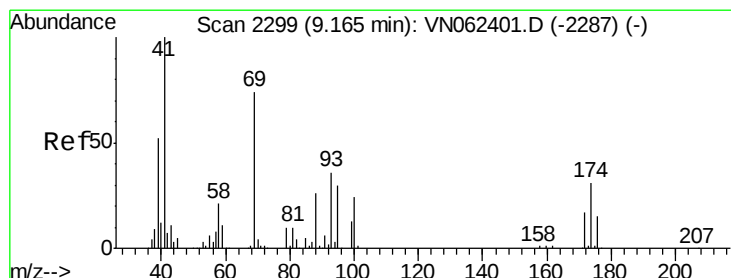
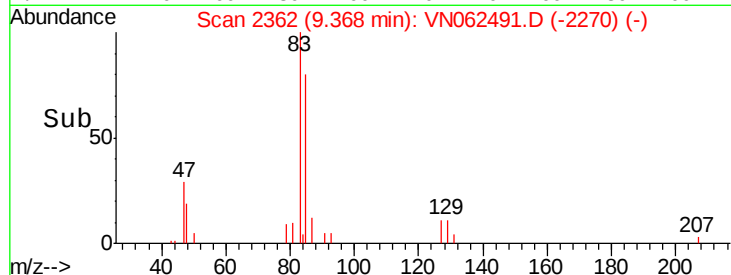
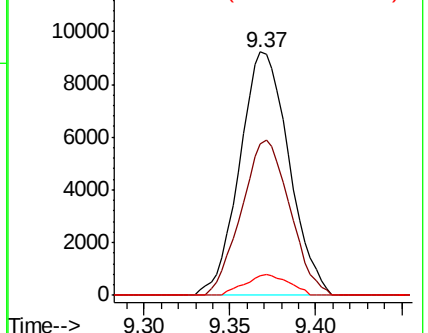
83 100

85 62.0 51.2 76.8

127 8.2 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 5.123 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

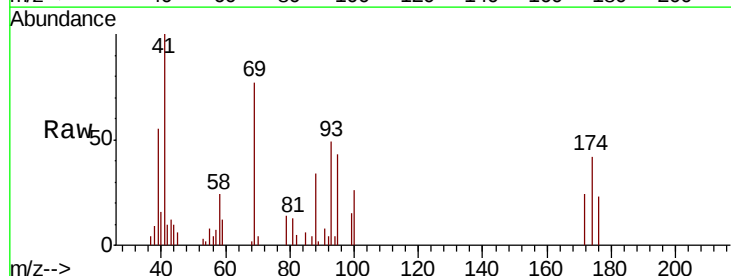
Tgt Ion: 41 Resp: 15283

Ion Ratio Lower Upper

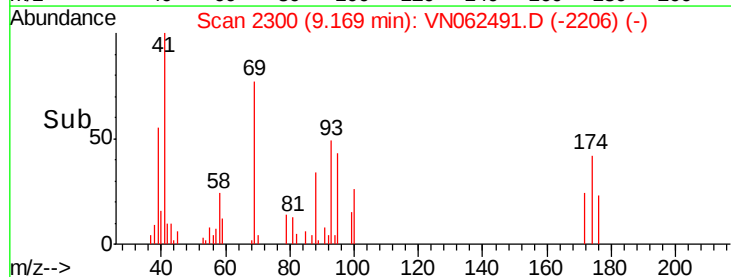
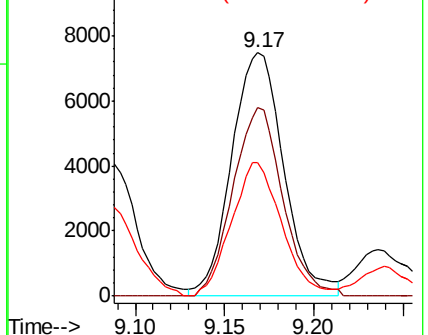
41 100

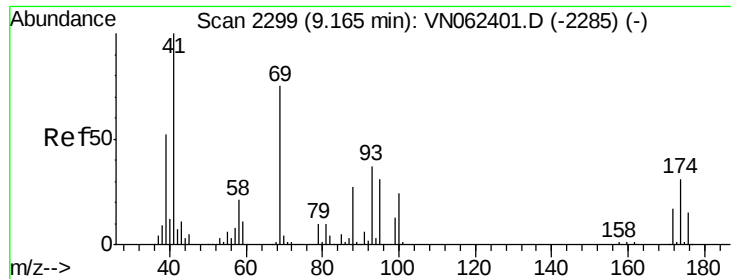
69 74.2 60.8 91.2

39 52.9 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

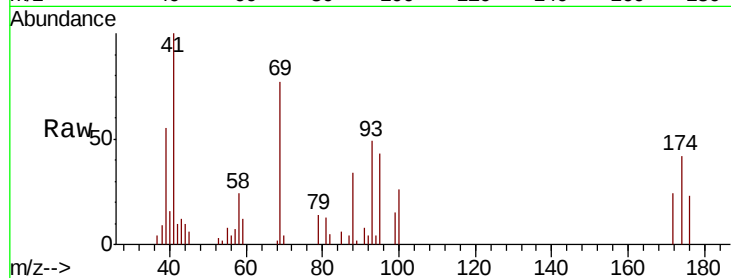




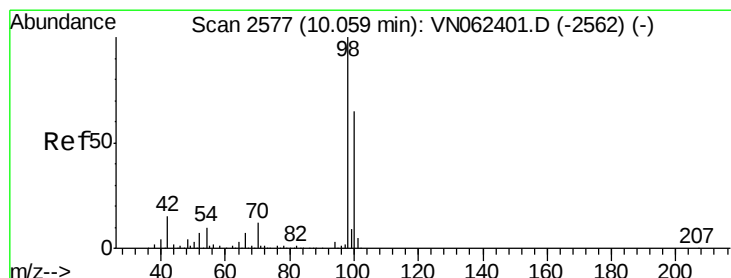
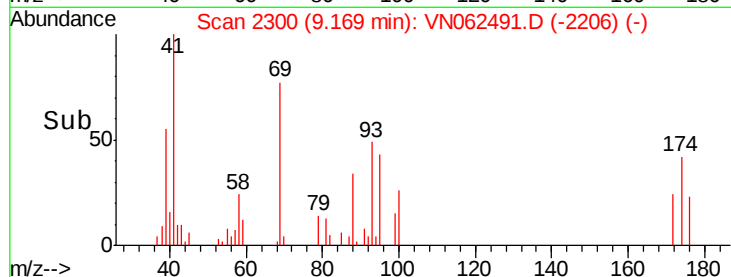
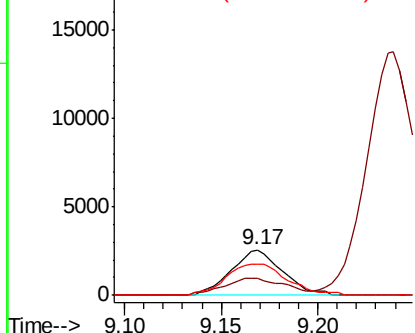
#49
1,4-Dioxane
Concen: 108.090 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 4693
Ion Ratio Lower Upper
88 100
43 44.6 31.0 46.4
58 82.9 63.3 94.9

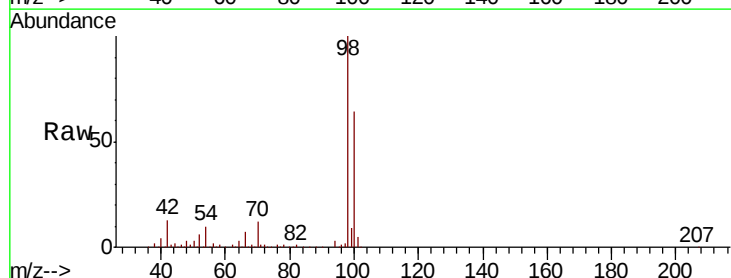


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

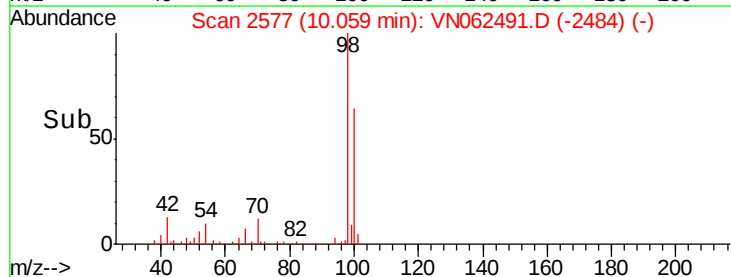
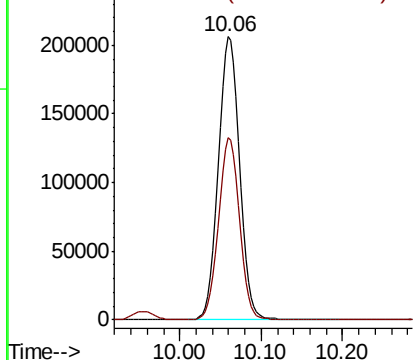


#50
Toluene-d8
Concen: 47.964 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Tgt Ion: 98 Resp: 382448
Ion Ratio Lower Upper
98 100
100 63.7 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: 25.852 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

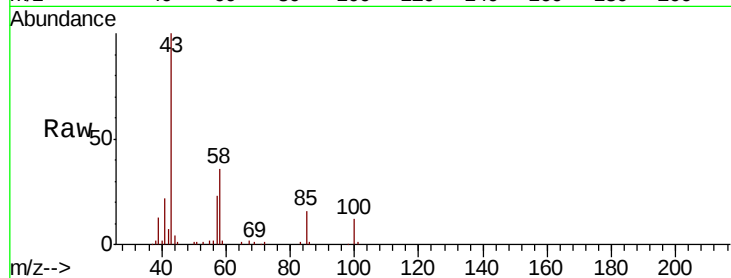
ClientSampleId :

Tot Ion: 43 Resp: 93897

Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.6



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

Ion 58.00 (57.70 to 58.70): VN062401.D (-2527) (-)

9.95

50000

40000

30000

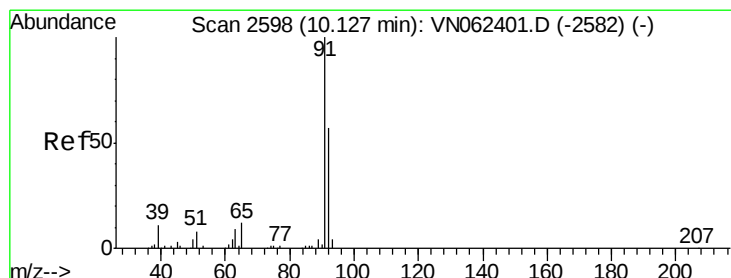
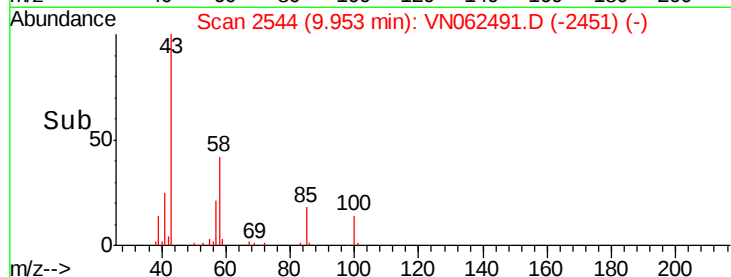
20000

10000

0

Time-->

9.90 10.00



#52

Toluene

Concen: 5.522 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062491.D

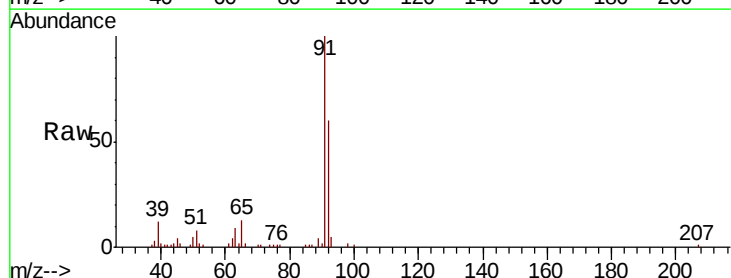
Acq: 10 Jul 2020 14:18

Tgt Ion: 92 Resp: 30946

Ion Ratio Lower Upper

92 100

91 174.9 141.0 211.6



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

Ion 91.00 (90.70 to 91.70): VN062401.D (-2582) (-)

10.12

30000

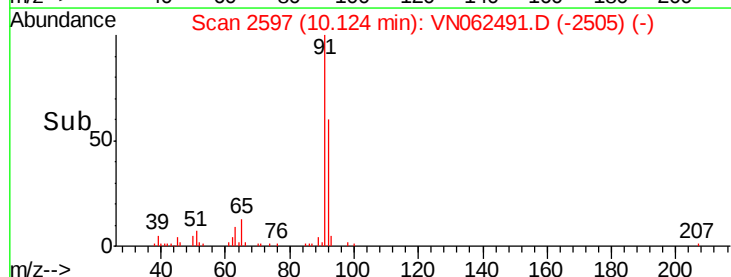
20000

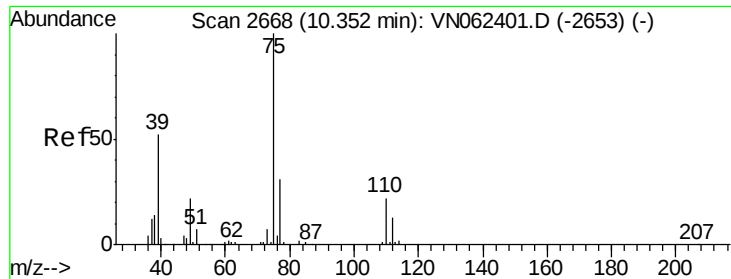
10000

0

Time-->

10.05 10.10 10.15 10.20





#53

t-1,3-Dichloropropene

Concen: 5.084 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

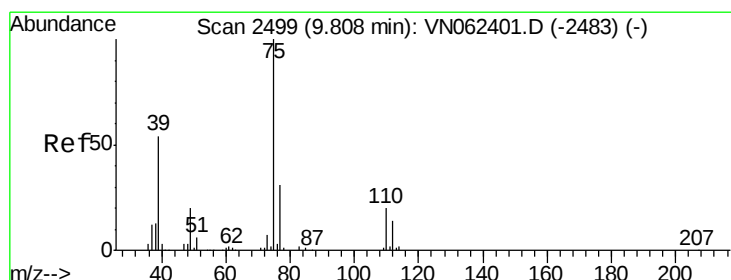
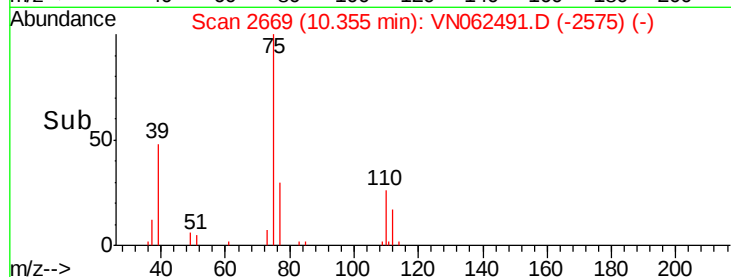
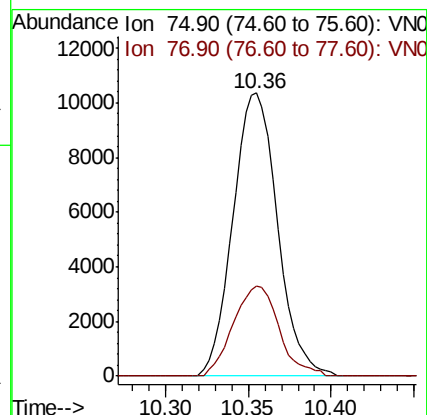
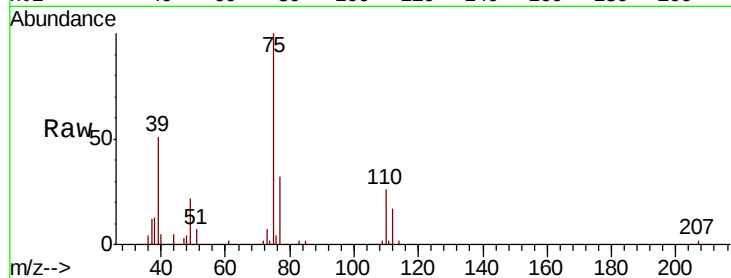
ClientSampleId :

Tot Ion: 75 Resp: 19355

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 5.103 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

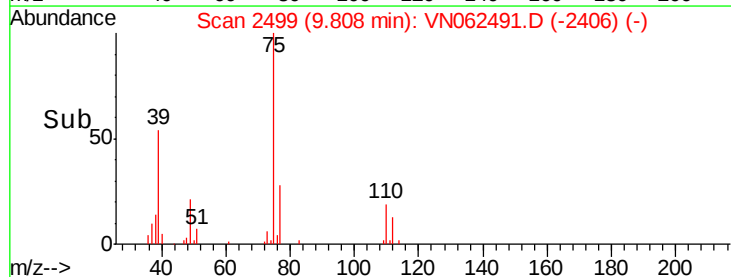
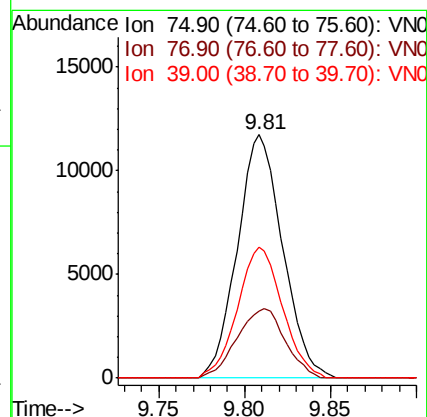
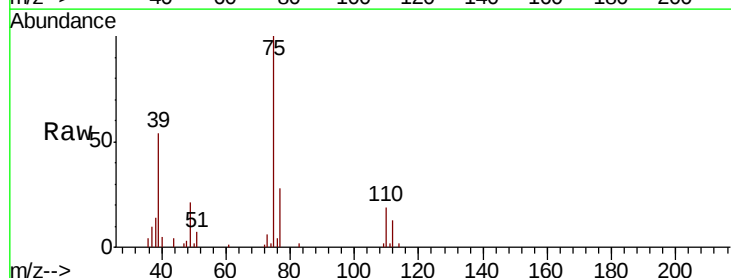
Tgt Ion: 75 Resp: 21435

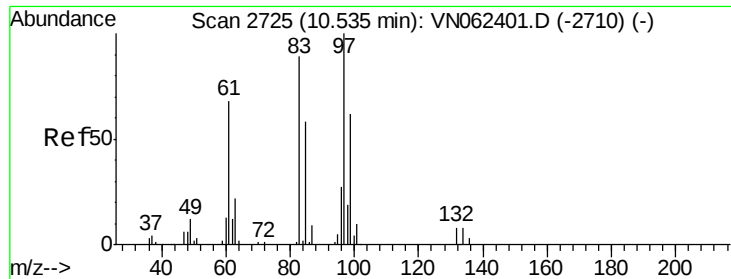
Ion Ratio Lower Upper

75 100

77 27.7 24.5 36.7

39 53.9 43.4 65.0

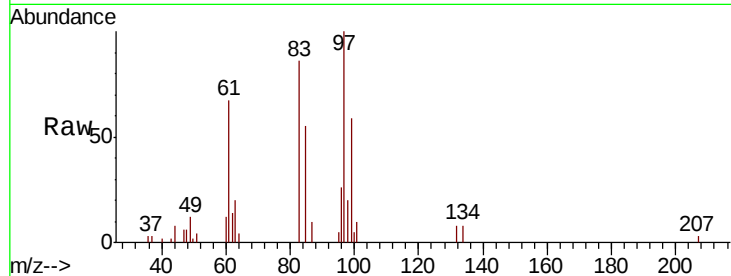




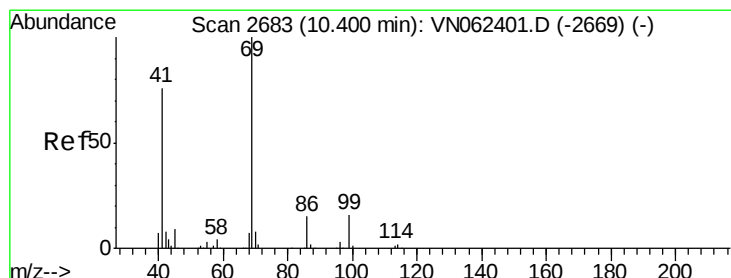
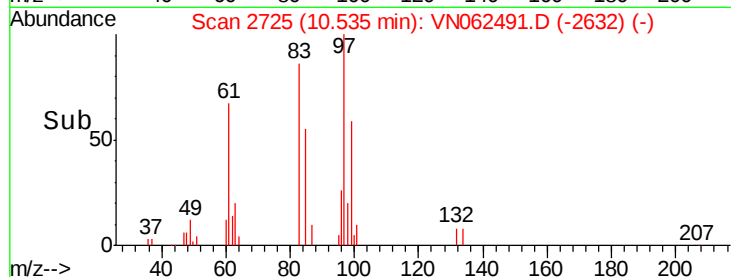
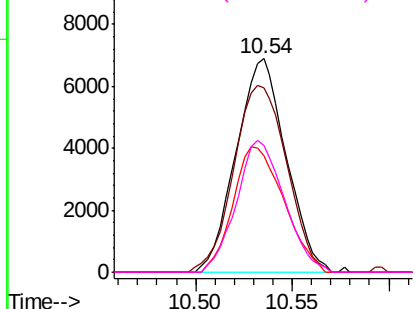
#55
 1,1,2-Trichloroethane
 Concen: 5.621 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	12389
Ion	Ratio	Lower	Upper
97	100		
83	86.0	71.0	106.4
85	54.5	46.2	69.4
99	59.3	49.7	74.5

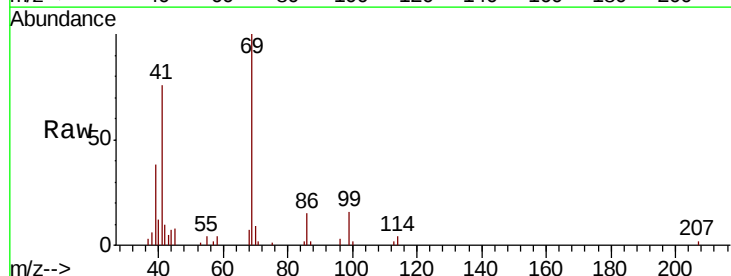


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

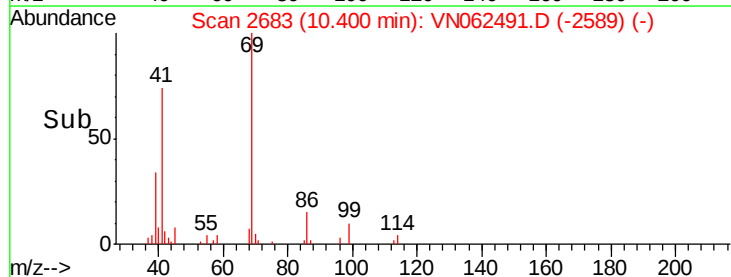
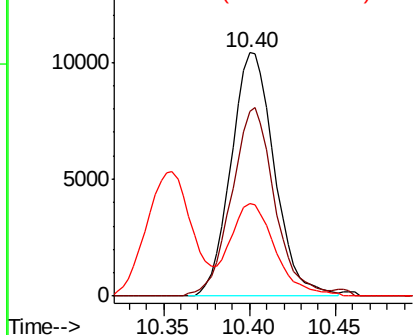


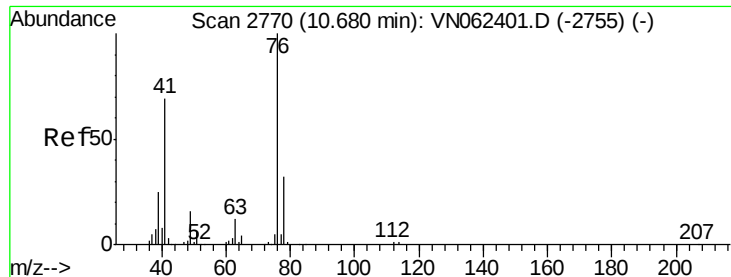
#56
 Ethyl methacrylate
 Concen: 4.947 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Tgt Ion:	69	Resp:	18223
Ion	Ratio	Lower	Upper
69	100		
41	76.7	59.7	89.5
39	39.2	30.6	45.8



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 5.532 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

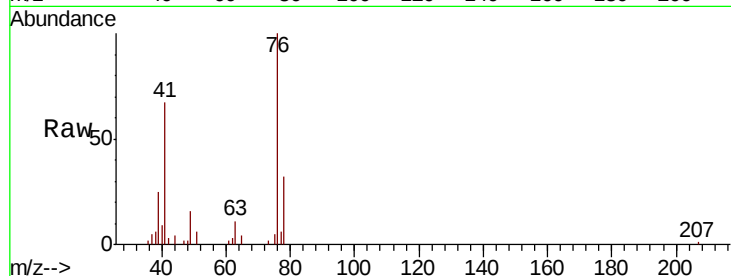
ClientSampled :

Tot Ion: 76 Resp: 22529

Ion Ratio Lower Upper

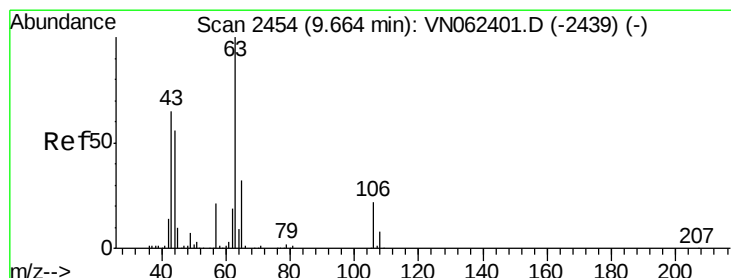
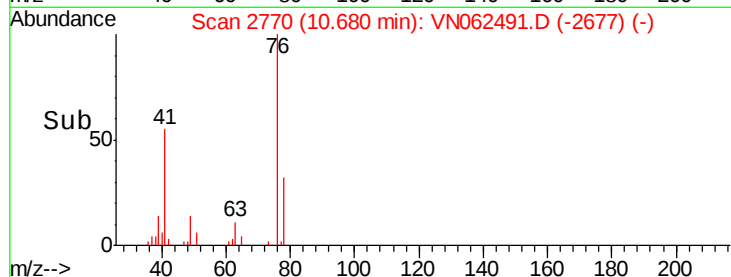
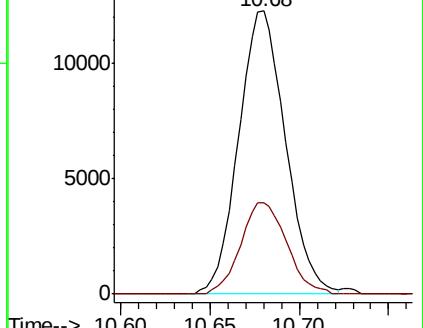
76 100

78 31.8 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN062491.D (-2677) (-)

Ion 77.90 (77.60 to 78.60): VN062491.D (-2677) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 21.961 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062491.D

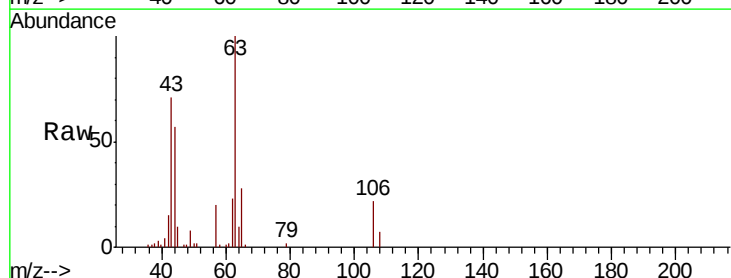
Acq: 10 Jul 2020 14:18

Tgt Ion: 63 Resp: 28717

Ion Ratio Lower Upper

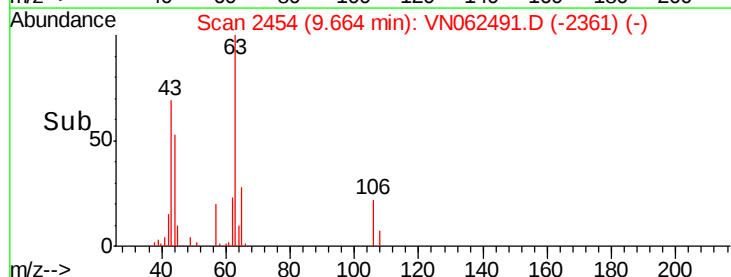
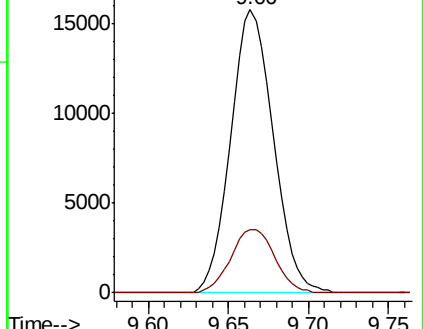
63 100

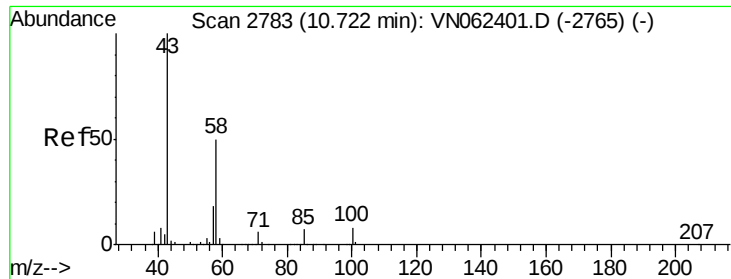
106 23.1 17.6 26.4



Abundance Ion 62.90 (62.60 to 63.60): VN062491.D (-2361) (-)

Ion 105.90 (105.60 to 106.60): VN062491.D (-2361) (-)

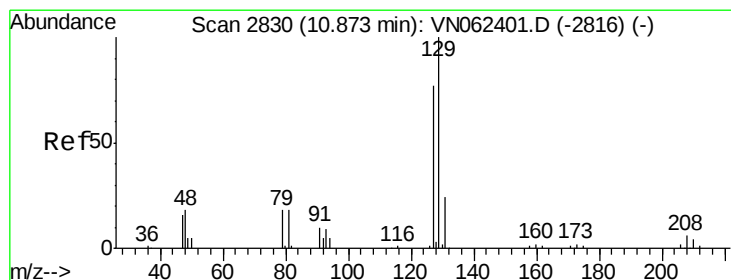
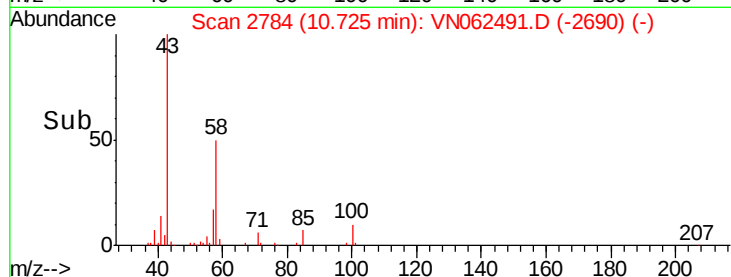
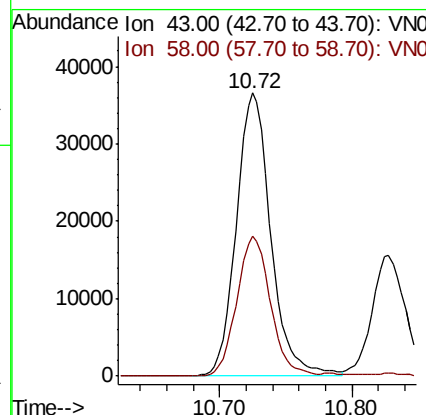
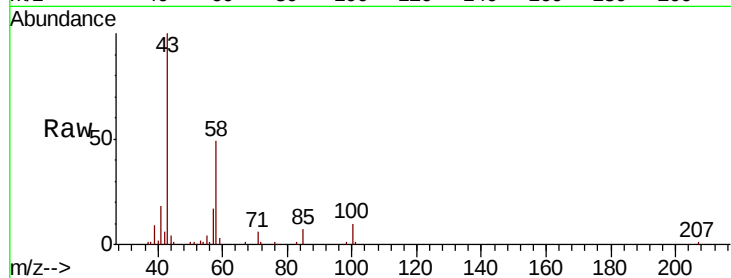




#59
2-Hexanone
Concen: 25.075 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

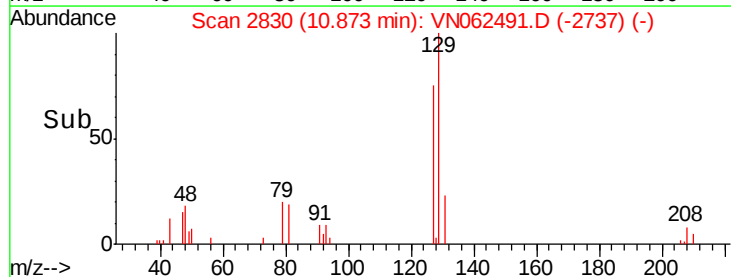
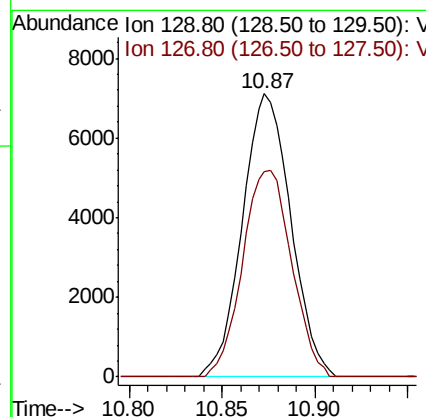
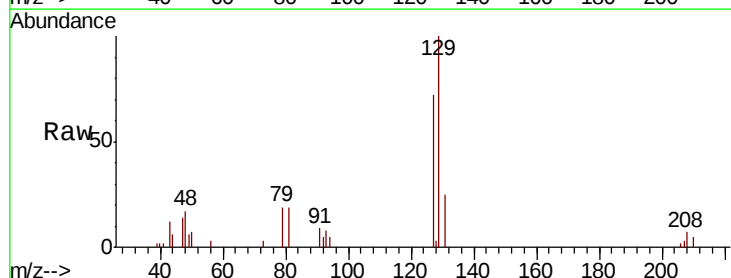
Instrument :
MSVOA_N
ClientSampleId :

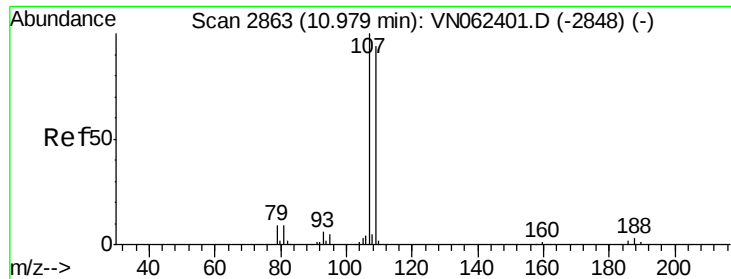
Tot Ion: 43 Resp: 66119
Ion Ratio Lower Upper
43 100
58 48.1 25.1 75.2



#60
Dibromochloromethane
Concen: 5.411 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Tgt Ion: 129 Resp: 12933
Ion Ratio Lower Upper
129 100
127 73.8 38.6 115.8

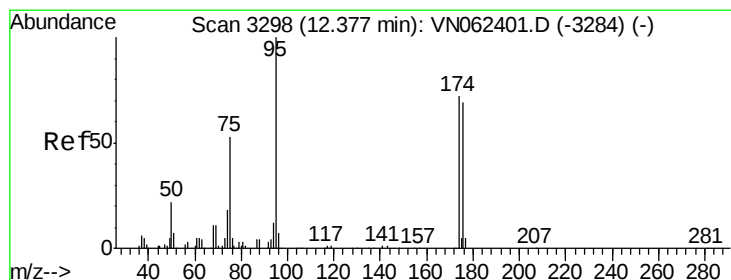
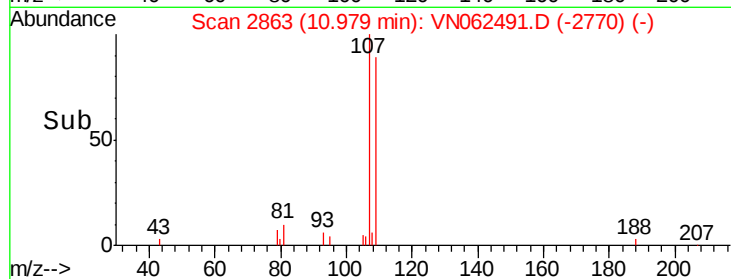
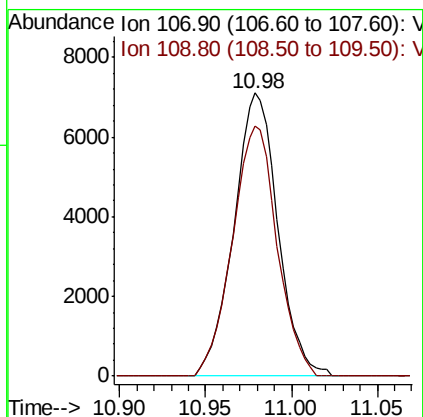
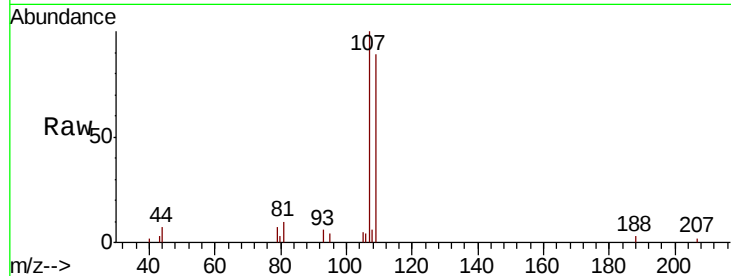




#61
 1,2-Dibromoethane
 Concen: 5.665 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

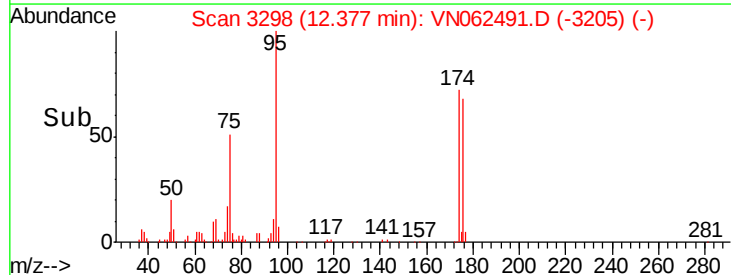
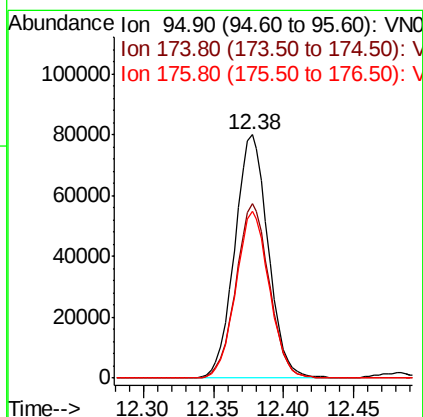
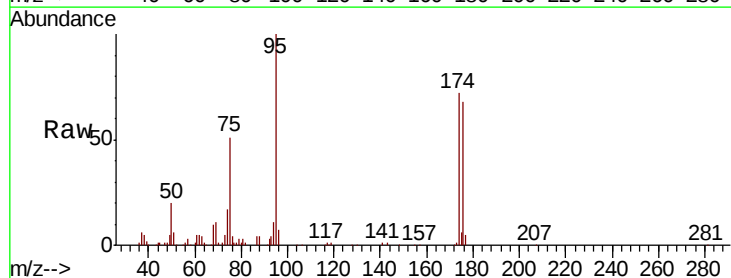
Instrument :
 MSVOA_N
 ClientSampleId :

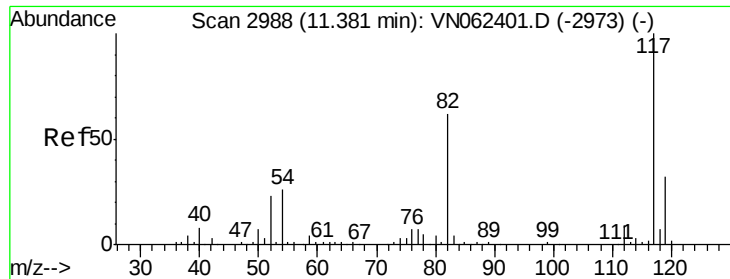
Tot Ion:107 Resp: 12604
 Ion Ratio Lower Upper
 107 100
 109 89.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 45.639 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Tgt Ion: 95 Resp: 132985
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 141.6
 176 68.8 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: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

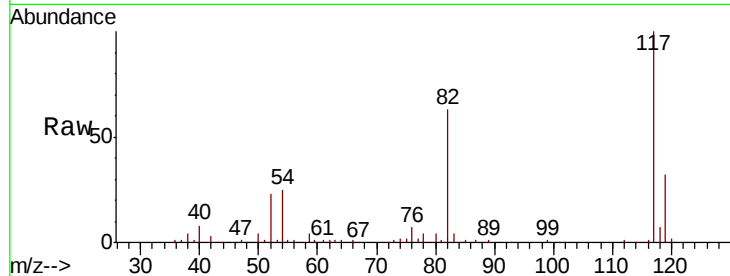
Tot Ion:117 Resp: 292180

Ion Ratio Lower Upper

117 100

82 62.6 49.6 74.4

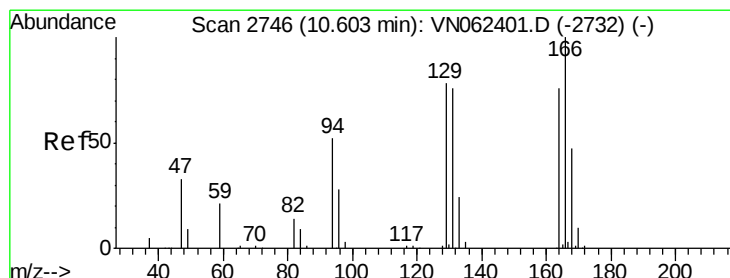
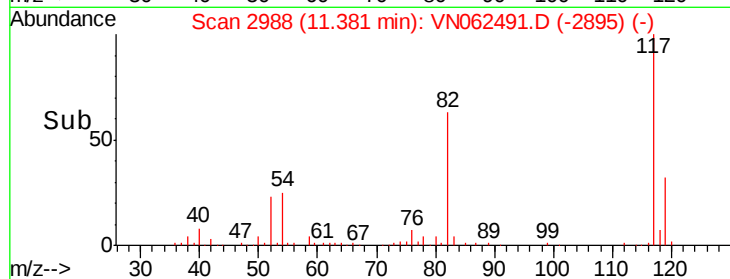
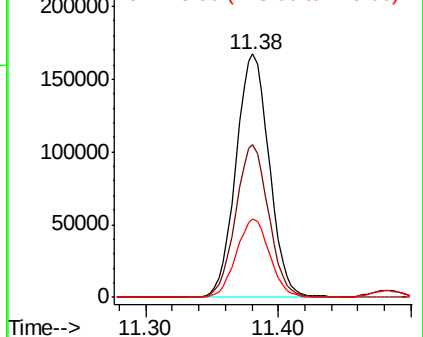
119 32.0 25.4 38.0



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: 5.660 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Tgt Ion:164 Resp: 9814

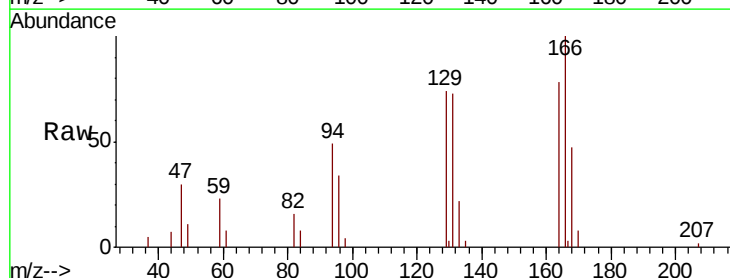
Ion Ratio Lower Upper

164 100

166 128.4 104.9 157.3

129 95.1 81.8 122.6

131 93.5 79.3 118.9

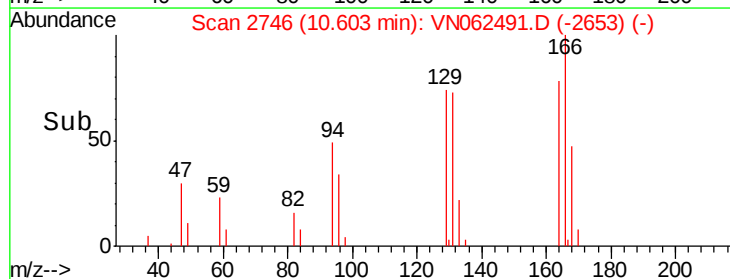
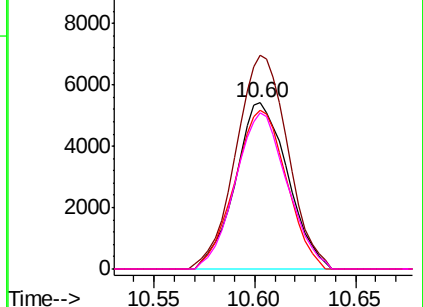


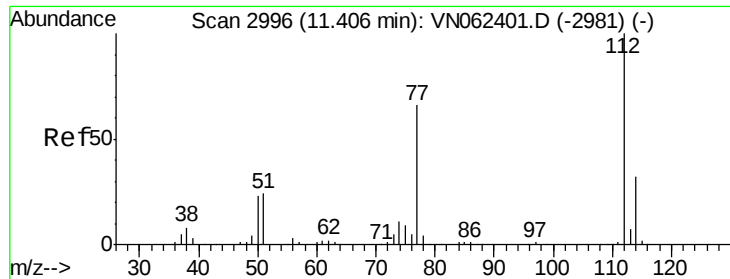
Abundance Ion 163.80 (163.50 to 164.50): V

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

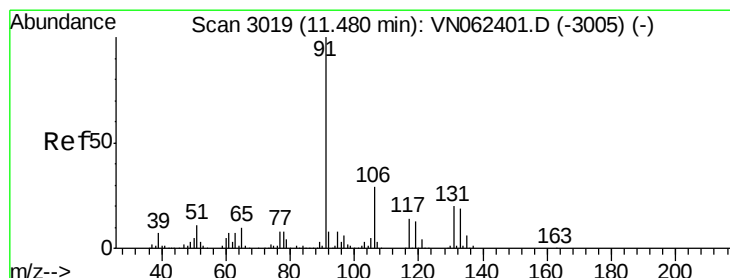
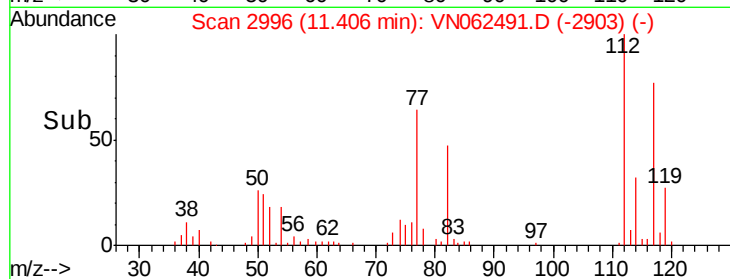
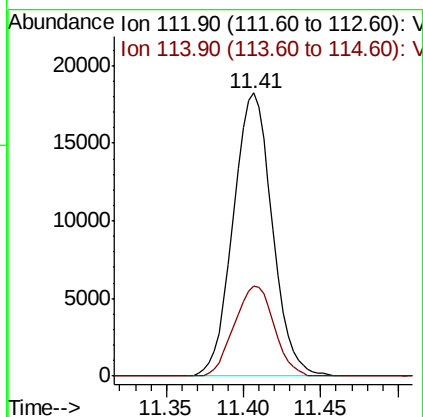
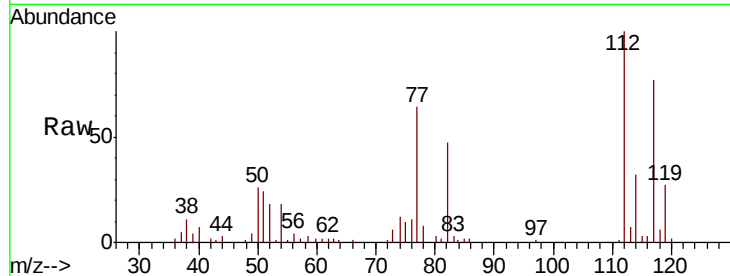




#65
Chlorobenzene
Concen: 5.628 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

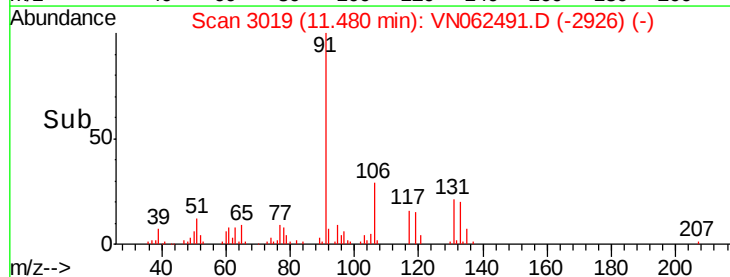
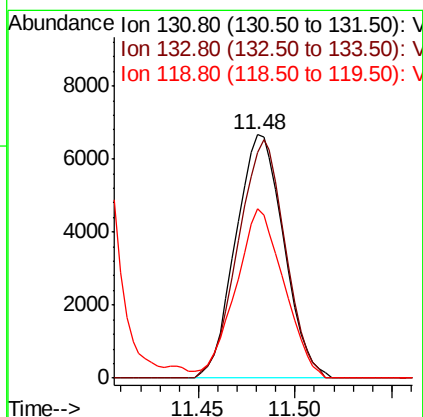
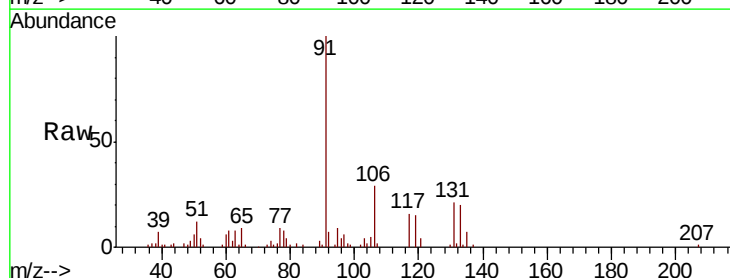
Instrument :
MSVOA_N
ClientSampled :

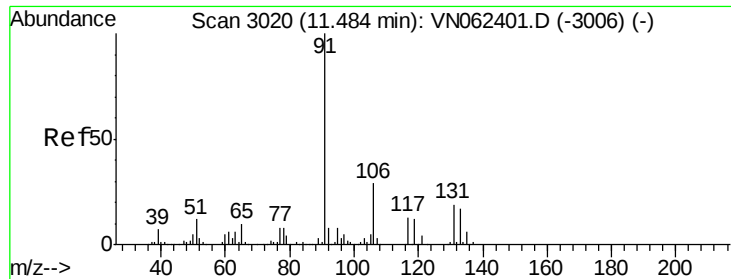
Tot Ion:112 Resp: 31960
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.507 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Tgt Ion:131 Resp: 11532
Ion Ratio Lower Upper
131 100
133 96.0 46.9 140.8
119 69.7 33.2 99.6

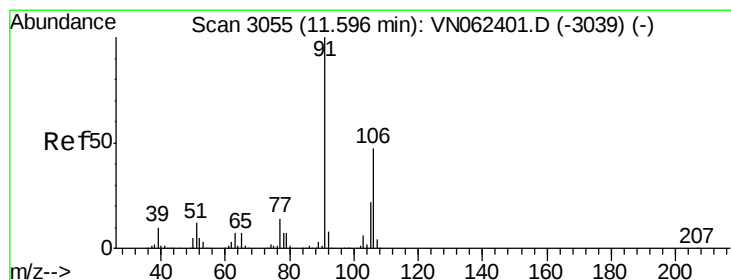
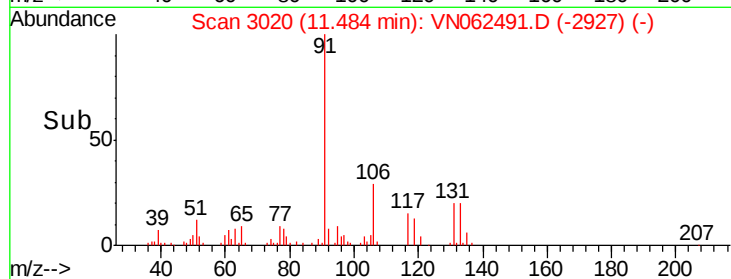
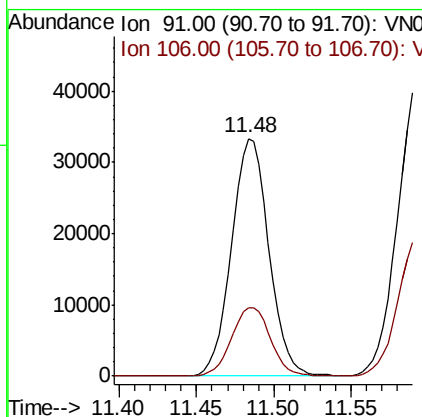
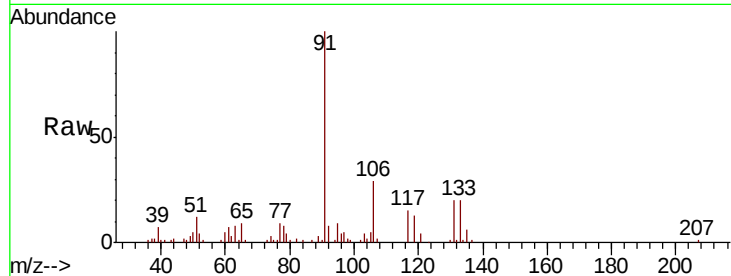




#67
Ethyl Benzene
Concen: 5.233 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

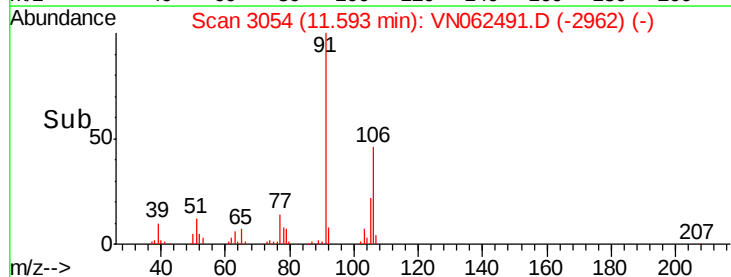
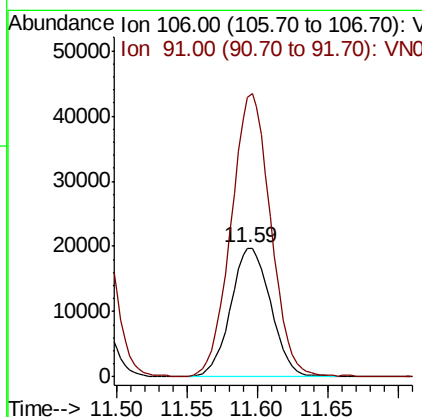
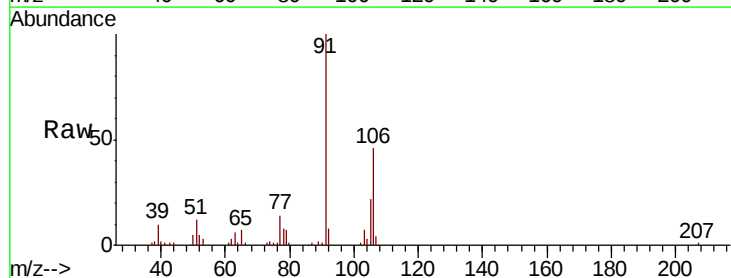
Instrument :
MSVOA_N
ClientSampled :

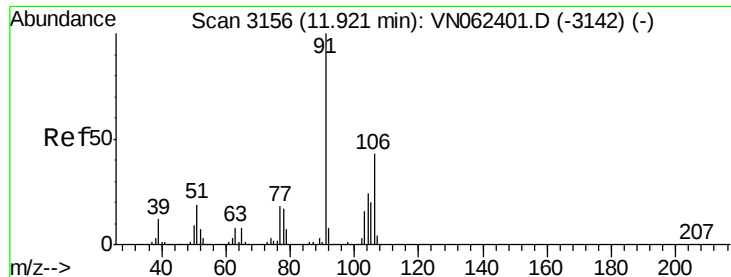
Tot Ion: 91 Resp: 55775
Ion Ratio Lower Upper
91 100
106 28.9 23.4 35.2



#68
m/p-Xylenes
Concen: 10.418 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Tgt Ion: 106 Resp: 39313
Ion Ratio Lower Upper
106 100
91 217.0 172.4 258.6

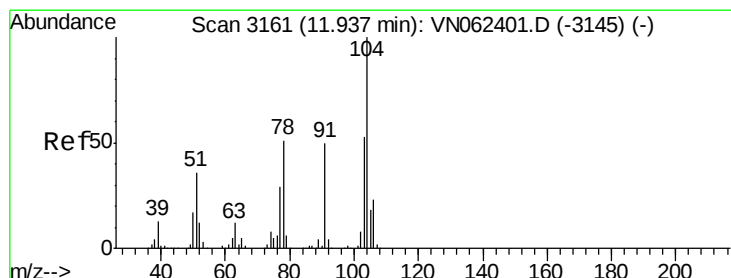
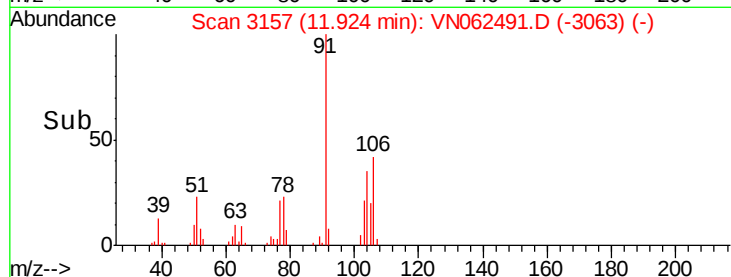
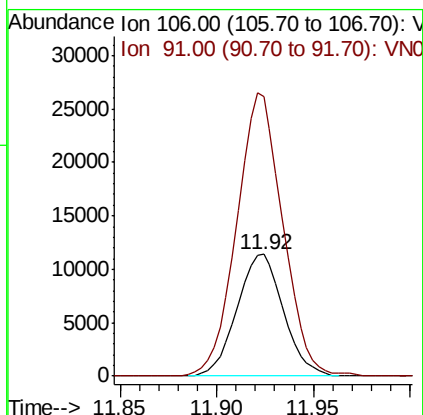
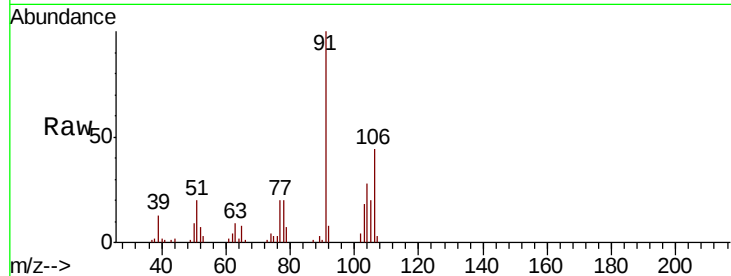




#69
o-Xylene
Concen: 5.164 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

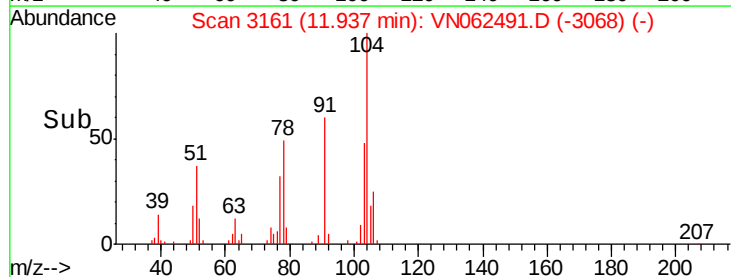
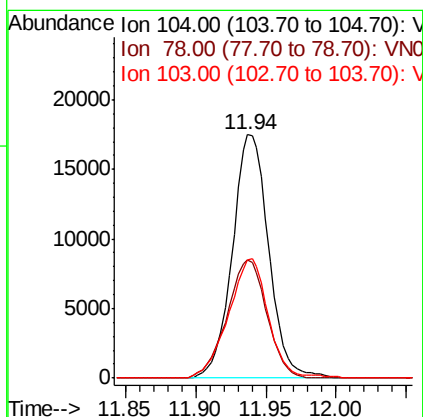
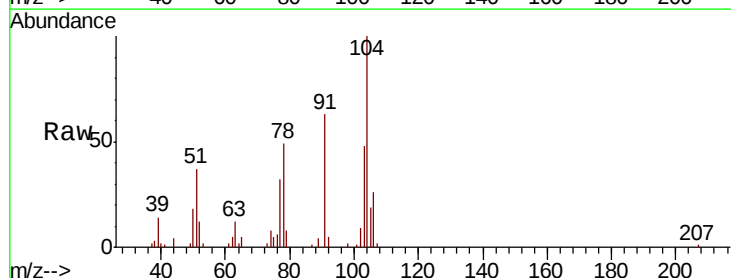
Instrument :
MSVOA_N
ClientSampled :

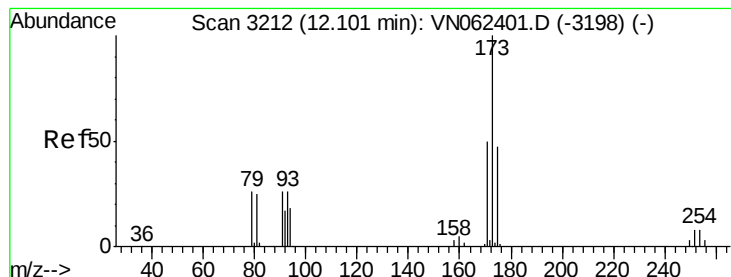
Tot Ion:106 Resp: 18971
Ion Ratio Lower Upper
106 100
91 231.8 113.8 341.4



#70
Styrene
Concen: 5.193 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Tgt Ion:104 Resp: 31532
Ion Ratio Lower Upper
104 100
78 53.3 44.2 66.4
103 53.7 44.4 66.6





#71

Bromoform

Concen: 5.474 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

ClientSampled :

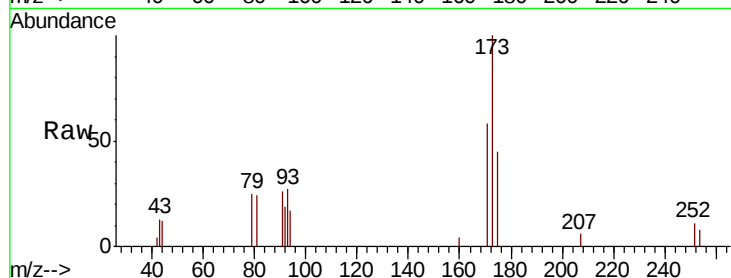
Tot Ion:173 Resp: 8403

Ion Ratio Lower Upper

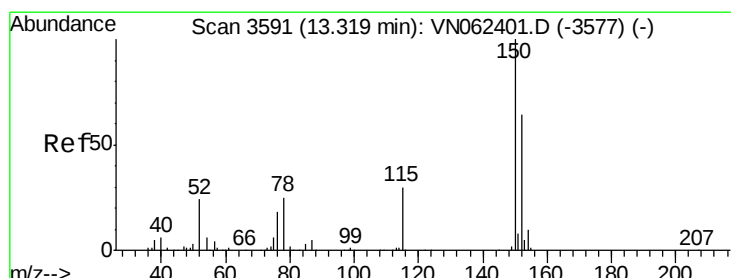
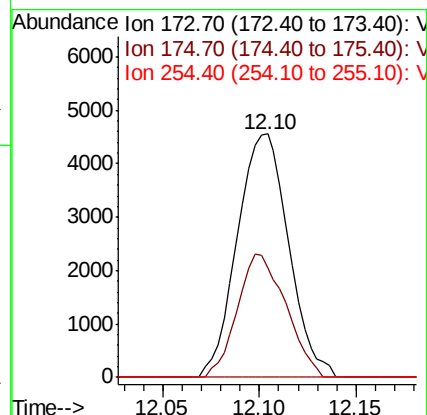
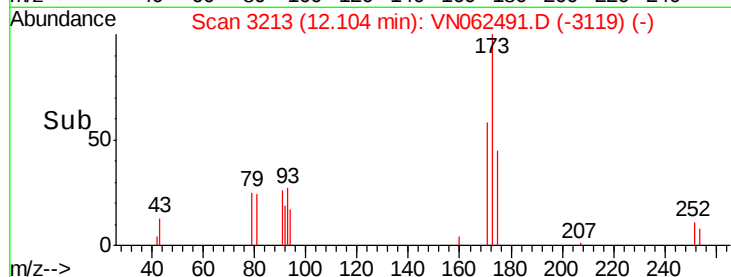
173 100

175 47.8 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: VN062491.D

Acq: 10 Jul 2020 14:18

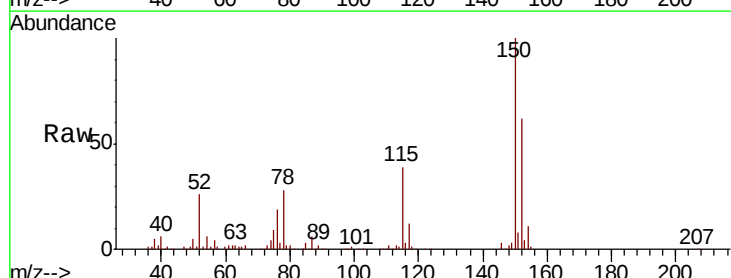
Tgt Ion:152 Resp: 117801

Ion Ratio Lower Upper

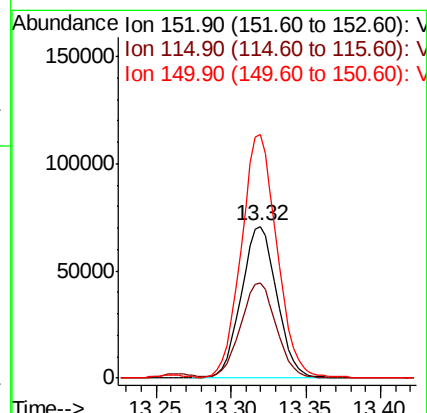
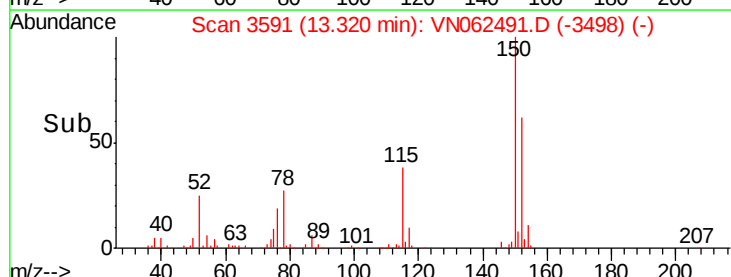
152 100

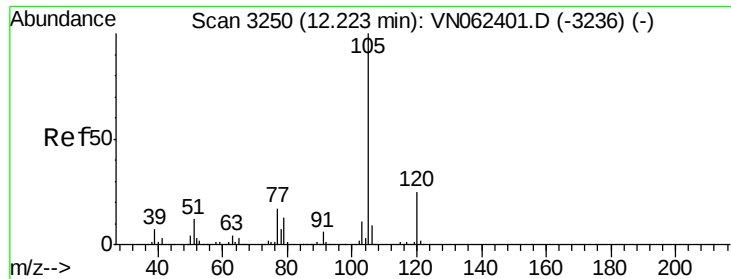
115 63.0 31.4 94.2

150 159.3 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: 5.670 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

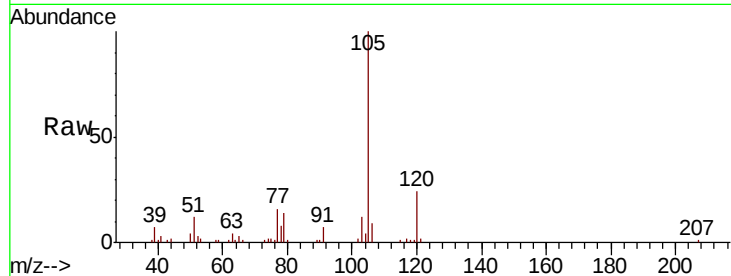
ClientSampleId :

Tot Ion:105 Resp: 51689

Ion Ratio Lower Upper

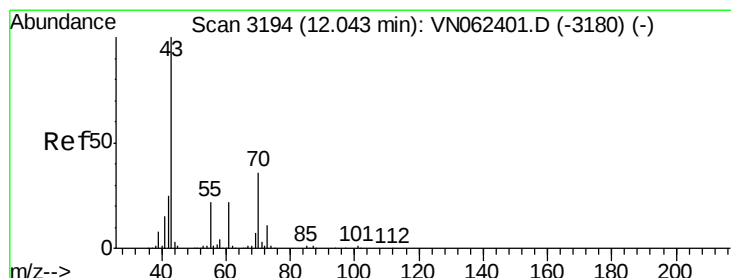
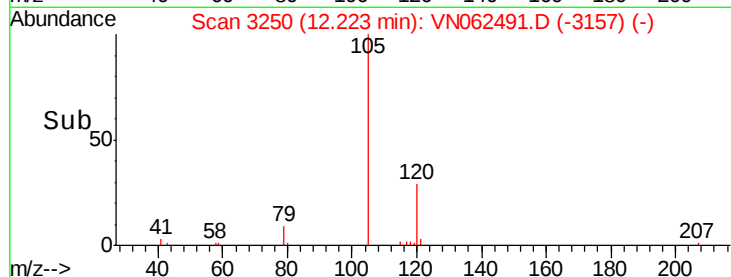
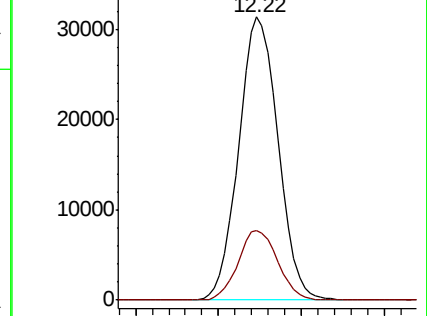
105 100

120 24.7 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.172 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Tgt Ion: 43 Resp: 22947

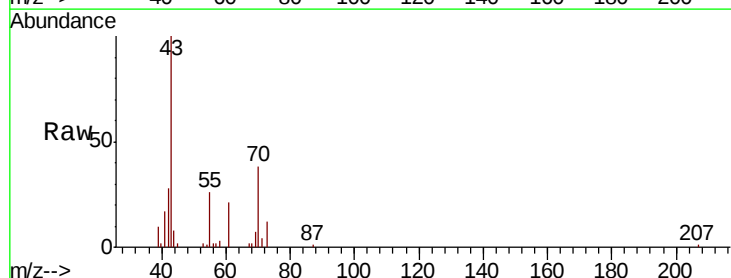
Ion Ratio Lower Upper

43 100

70 34.9 30.0 45.0

55 24.3 18.2 27.4

61 20.0 17.7 26.5

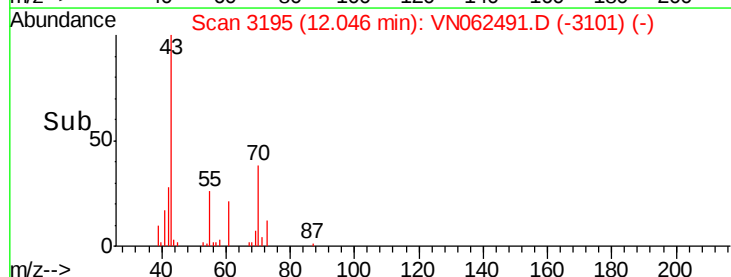
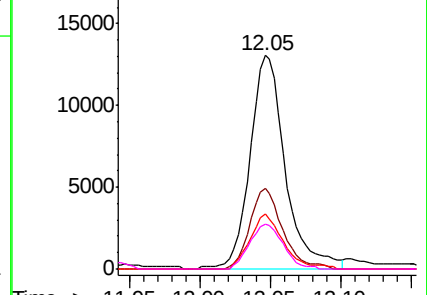


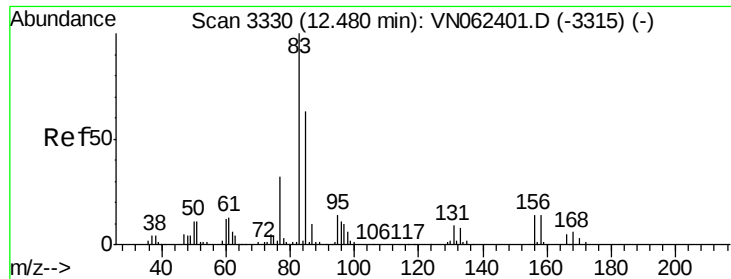
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 6.335 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

ClientSampled :

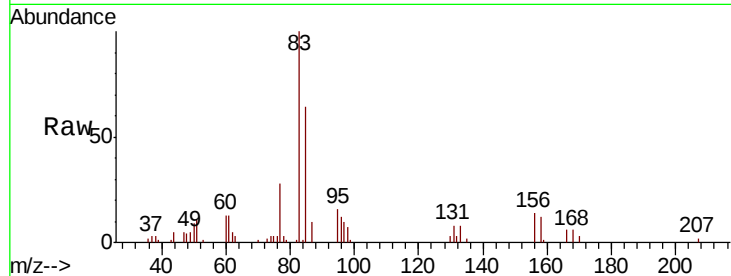
Tot Ion: 83 Resp: 19416

Ion Ratio Lower Upper

83 100

131 8.0 4.5 13.5

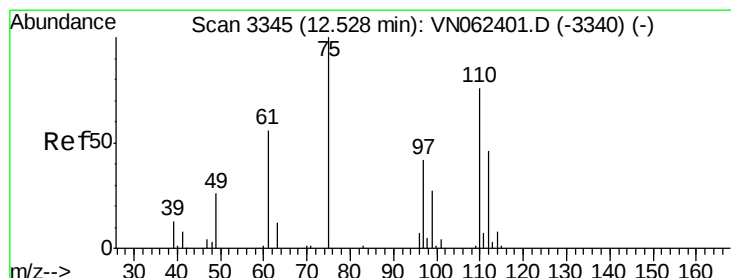
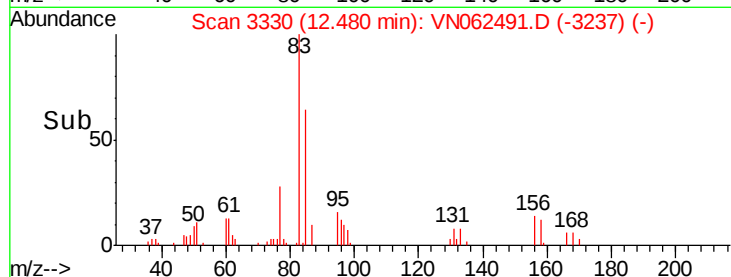
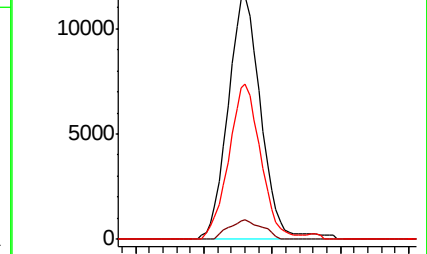
85 61.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062491.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062491.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062491.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 8.375 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062491.D

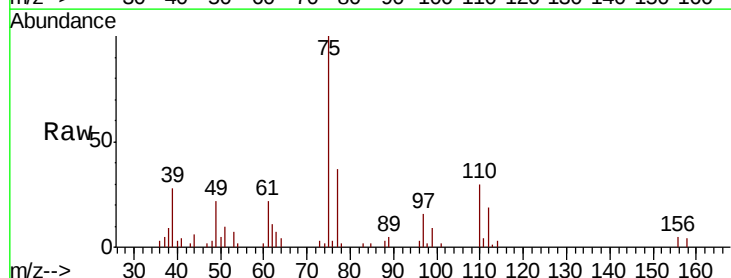
Acq: 10 Jul 2020 14:18

Tgt Ion: 75 Resp: 24207

Ion Ratio Lower Upper

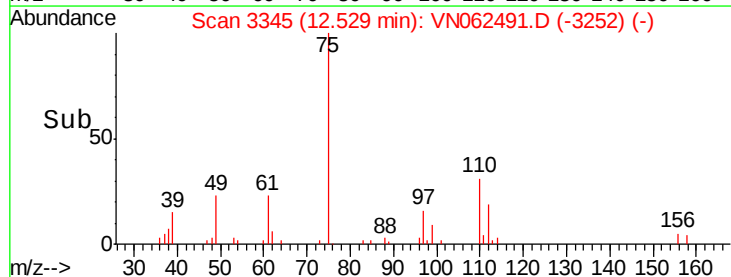
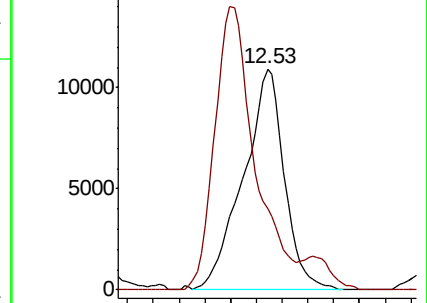
75 100

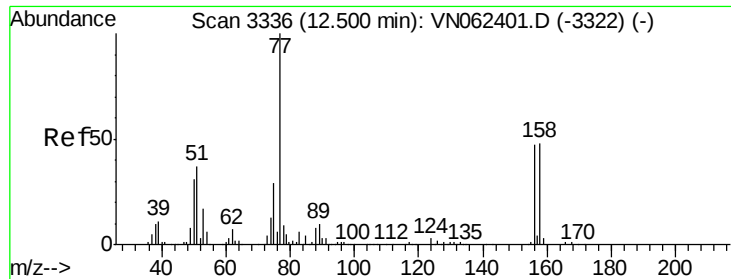
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062491.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062491.D (-3252) (-)





#77

Bromobenzene

Concen: 6.125 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

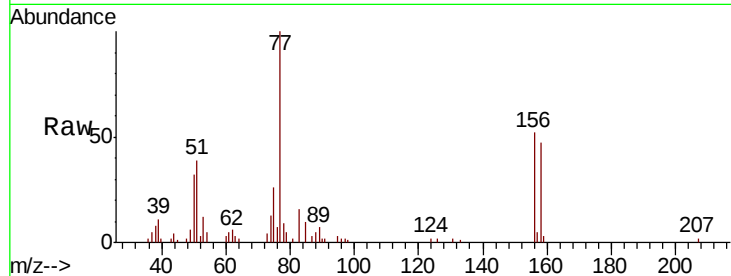
Tot Ion:156 Resp: 12694

Ion Ratio Lower Upper

156 100

77 238.0 126.4 379.3

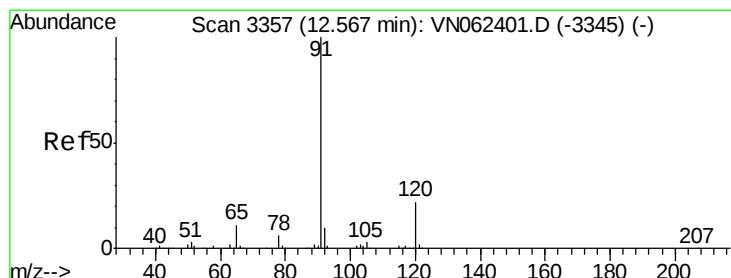
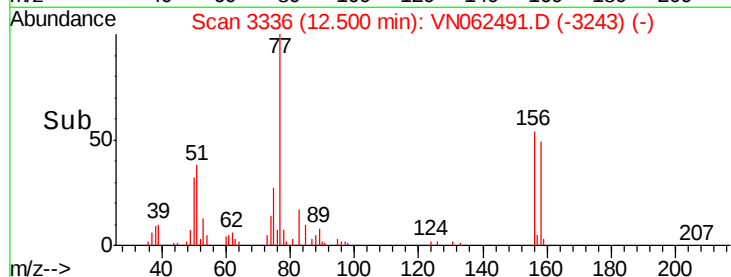
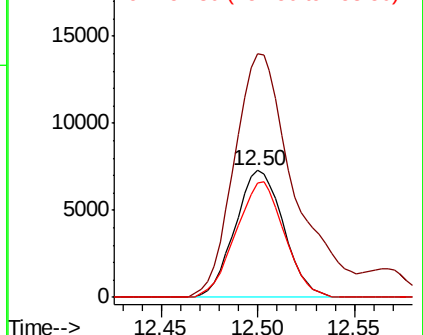
158 91.6 49.8 149.4



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: 5.593 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062491.D

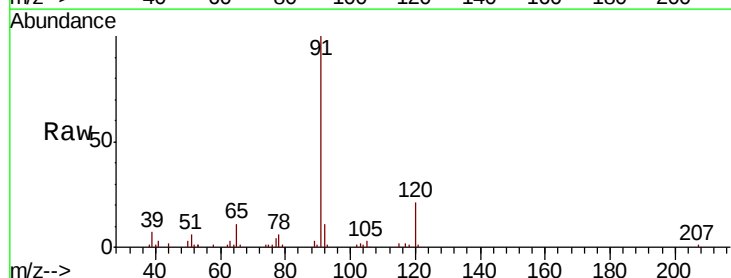
Acq: 10 Jul 2020 14:18

Tgt Ion: 91 Resp: 59559

Ion Ratio Lower Upper

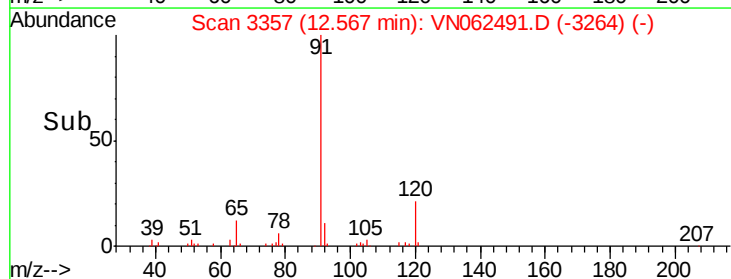
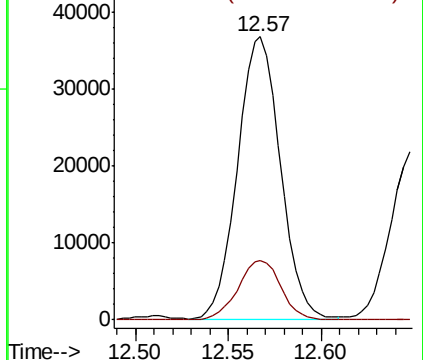
91 100

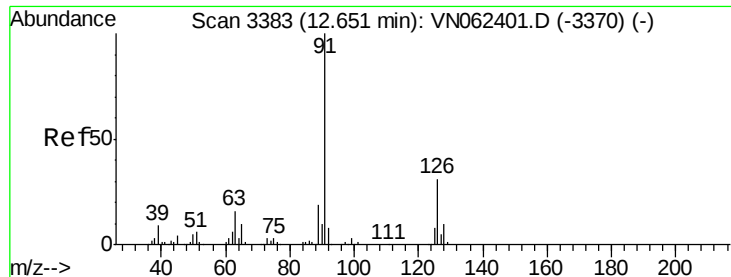
120 20.8 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.801 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

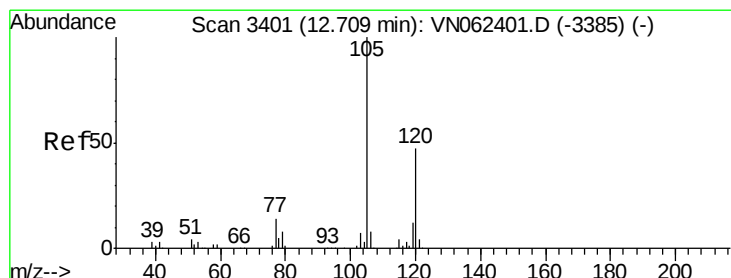
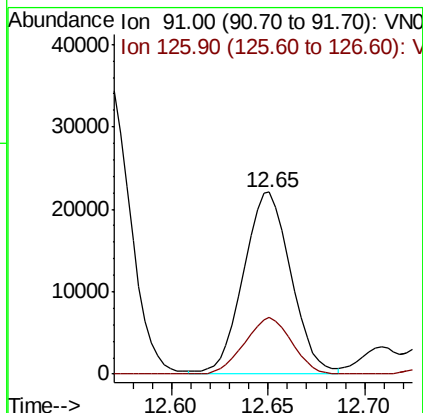
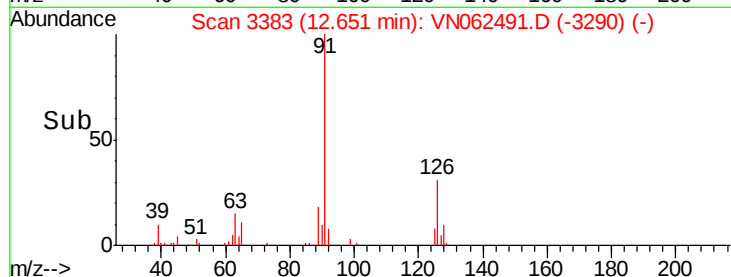
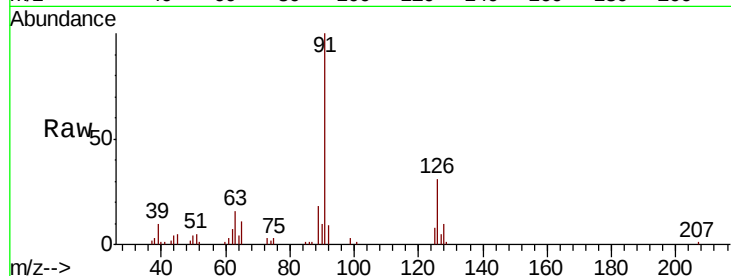
ClientSampleId :

Tot Ion: 91 Resp: 37489

Ion Ratio Lower Upper

91 100

126 30.9 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 5.598 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062491.D

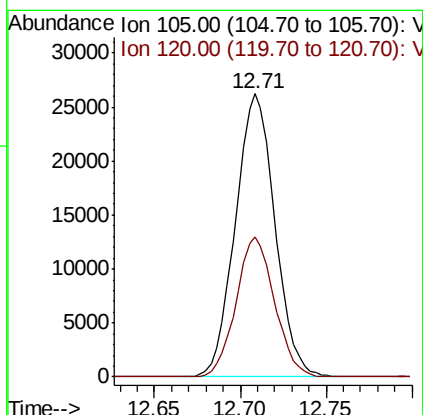
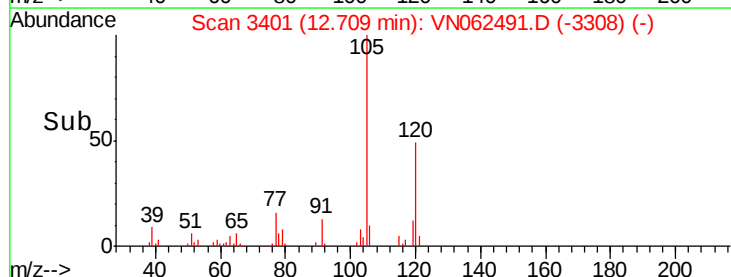
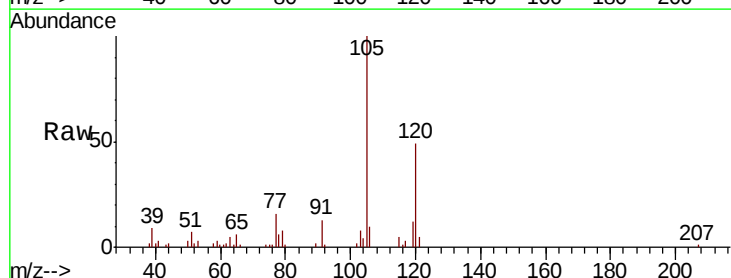
Acq: 10 Jul 2020 14:18

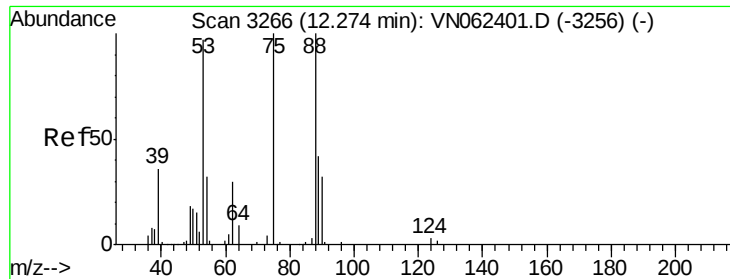
Tgt Ion: 105 Resp: 41832

Ion Ratio Lower Upper

105 100

120 47.8 23.4 70.2

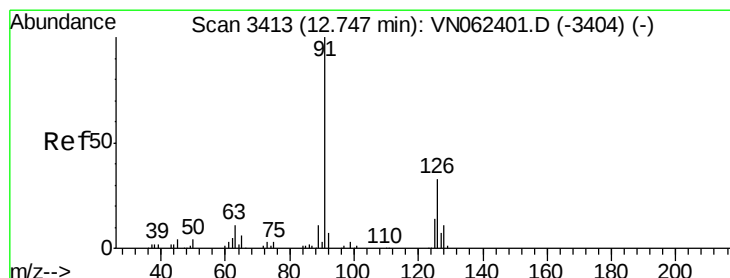
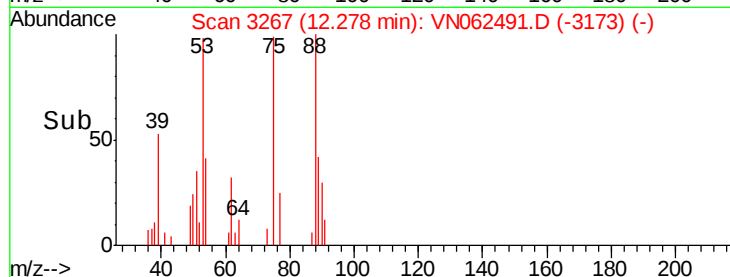
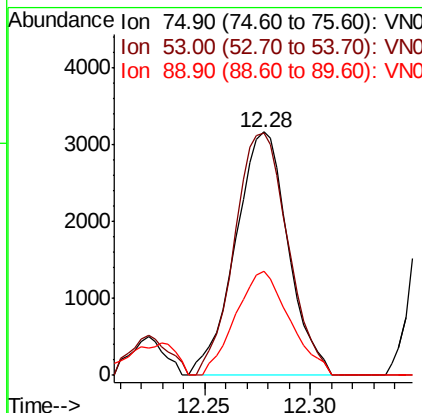
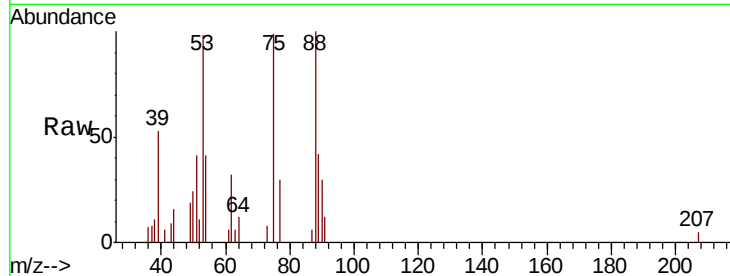




#81
trans-1,4-Dichloro-2-butene
Concen: 5.098 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

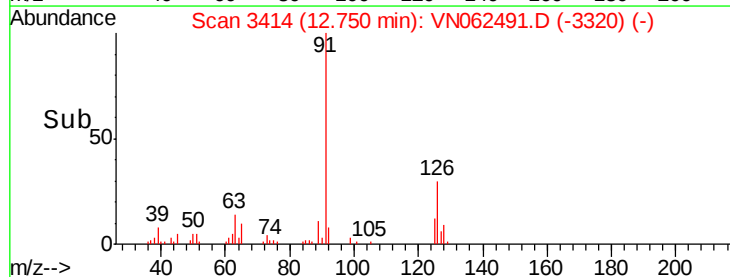
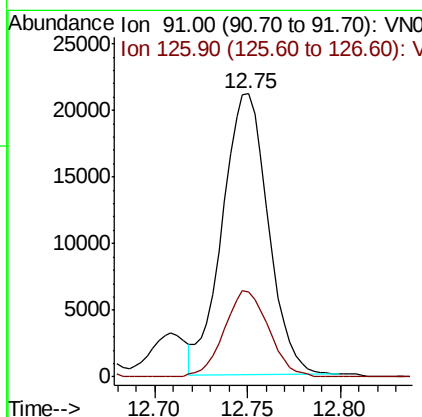
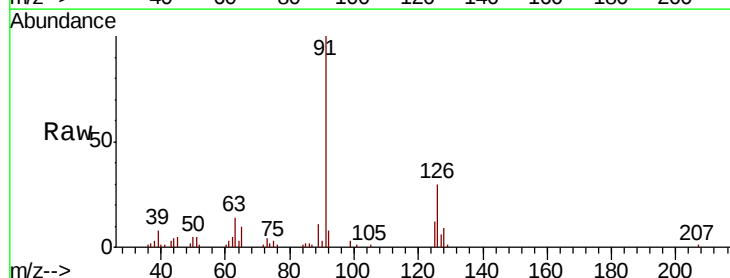
Instrument :
MSVOA_N
ClientSampleId :

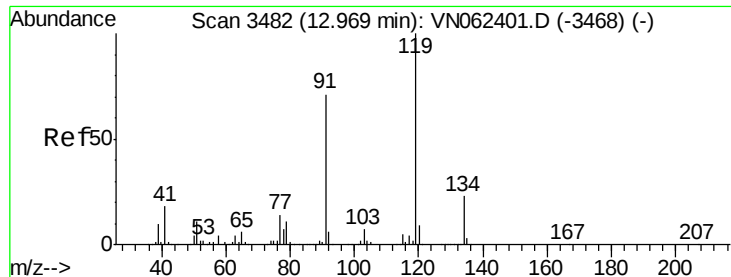
Tot Ion: 75 Resp: 5505
Ion Ratio Lower Upper
75 100
53 100.6 79.2 118.8
89 43.9 34.6 52.0



#82
4-Chlorotoluene
Concen: 5.525 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Tgt Ion: 91 Resp: 36249
Ion Ratio Lower Upper
91 100
126 29.7 15.2 45.6

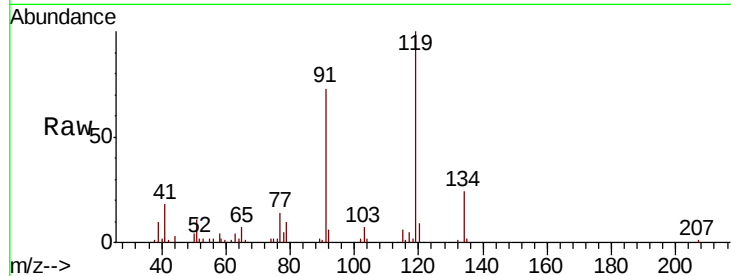




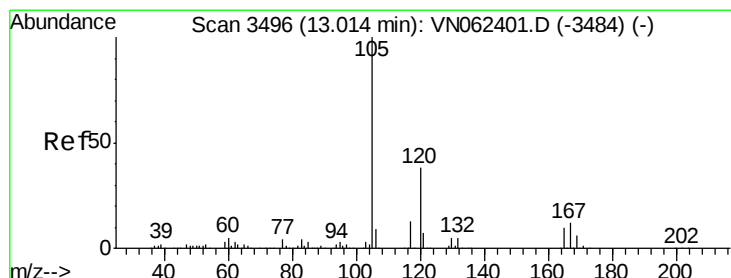
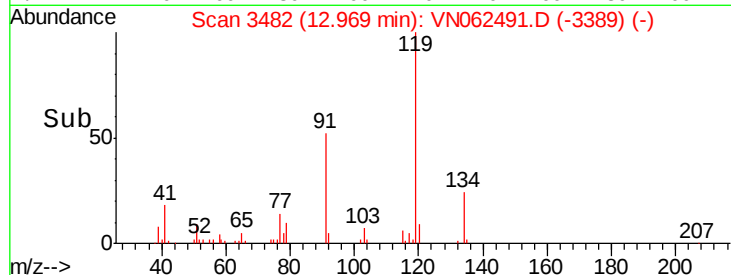
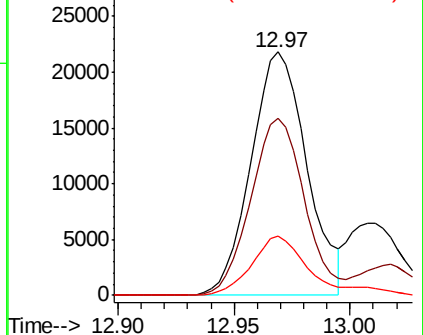
#83
tert-Butylbenzene
Concen: 5.781 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 36664
Ion Ratio Lower Upper
119 100
91 70.1 34.8 104.3
134 23.3 11.7 35.0

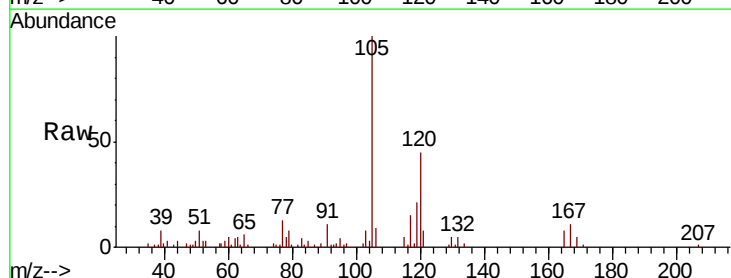


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

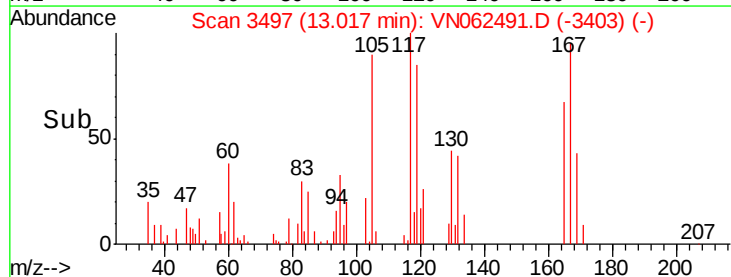
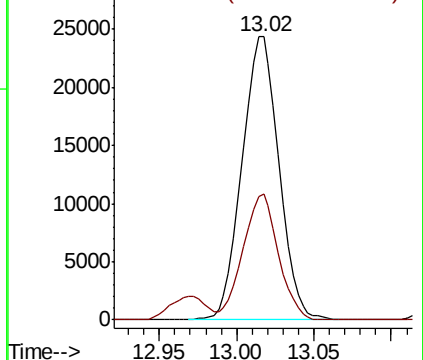


#84
1,2,4-Trimethylbenzene
Concen: 5.453 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN062491.D
Acq: 10 Jul 2020 14:18

Tgt Ion:105 Resp: 40502
Ion Ratio Lower Upper
105 100
120 42.4 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: 5.570 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

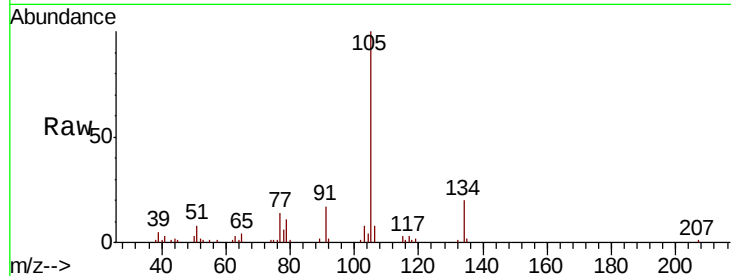
ClientSampleId :

Tot Ion:105 Resp: 46804

Ion Ratio Lower Upper

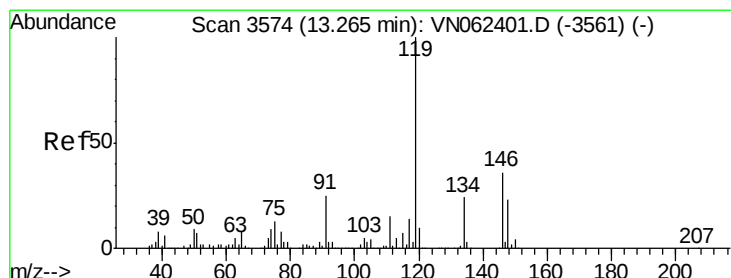
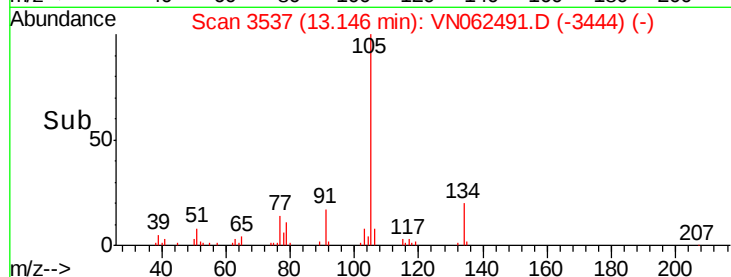
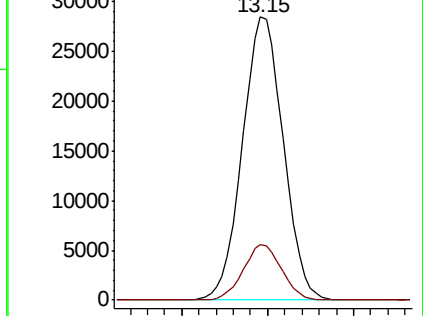
105 100

134 18.3 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: 5.321 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

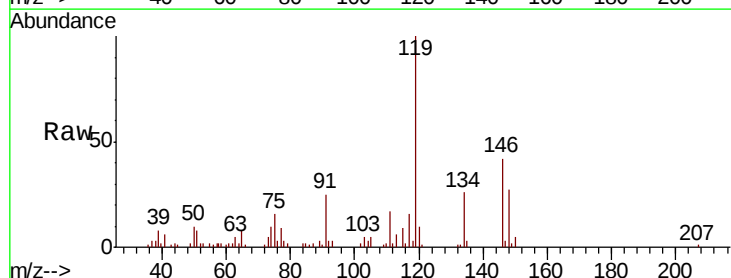
Tgt Ion:119 Resp: 38596

Ion Ratio Lower Upper

119 100

134 25.0 12.4 37.0

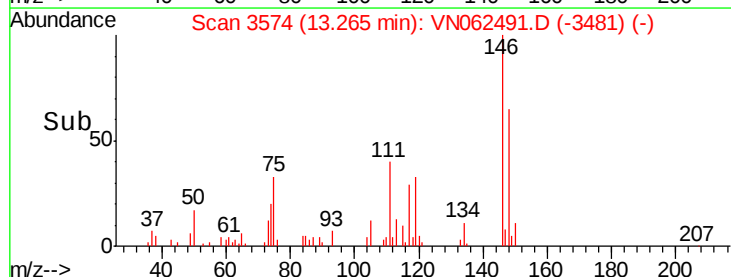
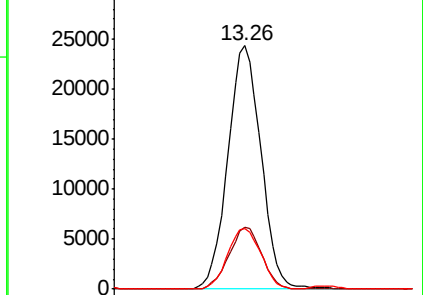
91 25.1 12.4 37.4

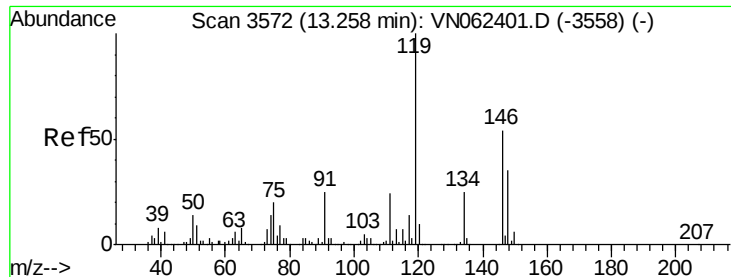


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

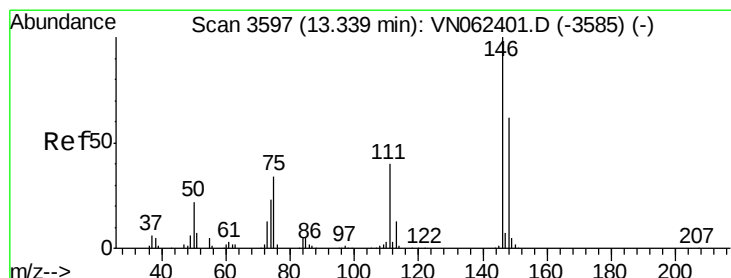
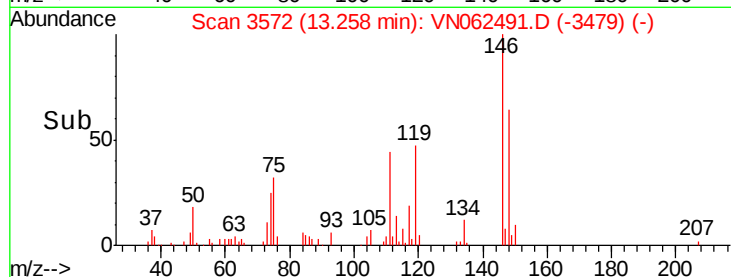
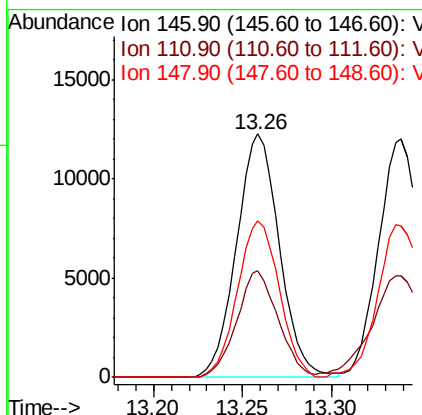
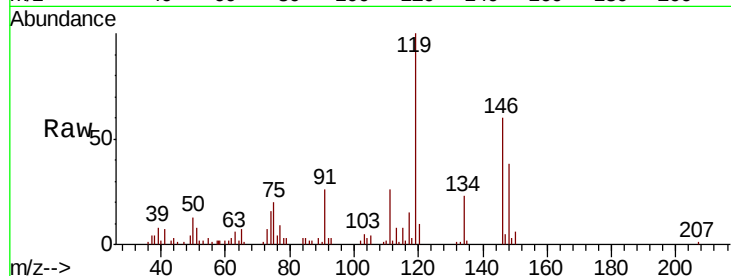




#87
 1,3-Dichlorobenzene
 Concen: 5.759 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

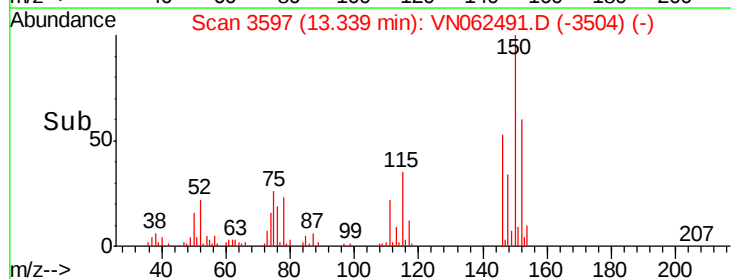
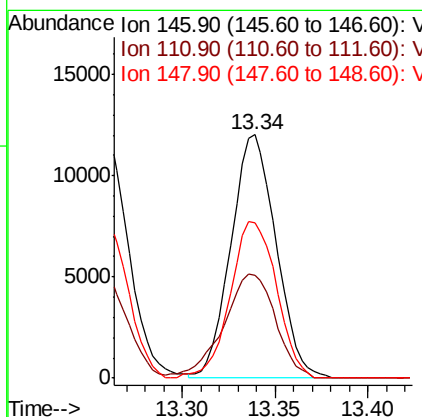
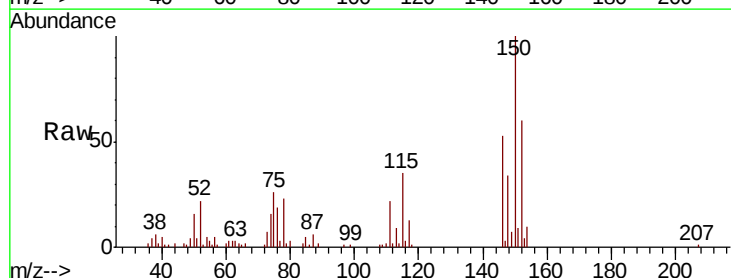
Instrument :
 MSVOA_N
 ClientSampled :

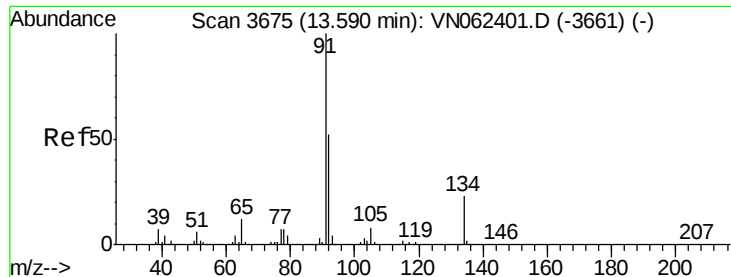
Tot Ion:146 Resp: 20590
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.6 64.6
 148 62.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 5.526 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Tgt Ion:146 Resp: 20330
 Ion Ratio Lower Upper
 146 100
 111 49.2 21.1 63.1
 148 65.8 31.4 94.2





#89

n-Butylbenzene

Concen: 4.897 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

ClientSampled :

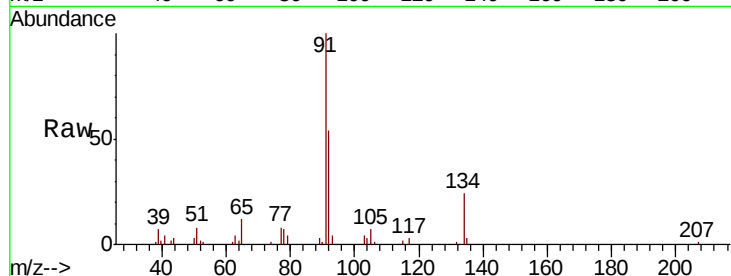
Tot Ion: 91 Resp: 31359

Ion Ratio Lower Upper

91 100

92 51.1 25.9 77.7

134 22.9 11.6 34.8

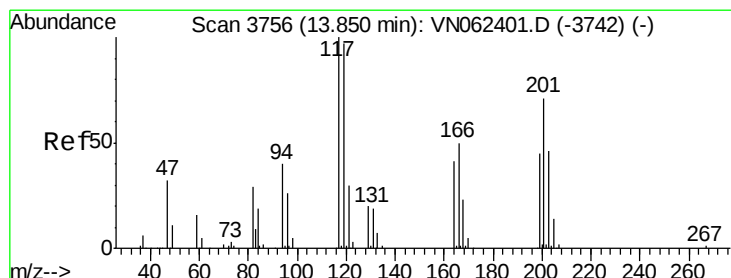
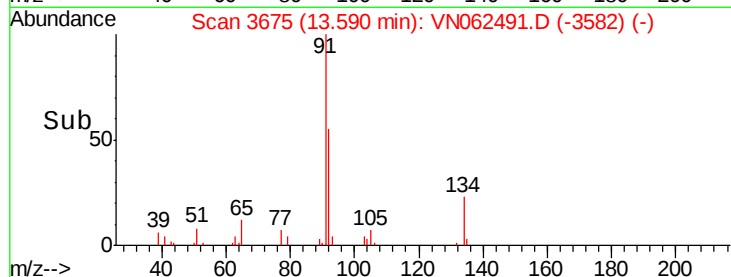


Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3661) (-)

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

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

Time-->



#90

Hexachloroethane

Concen: 5.785 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062491.D

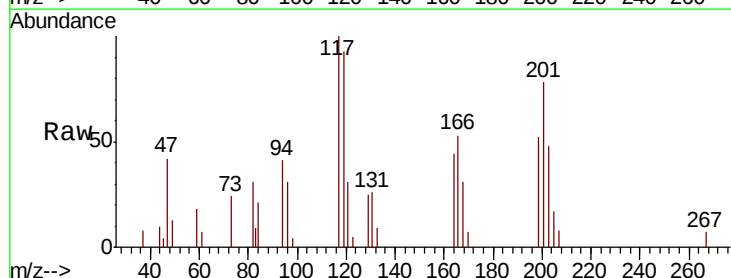
Acq: 10 Jul 2020 14:18

Tgt Ion: 117 Resp: 8253

Ion Ratio Lower Upper

117 100

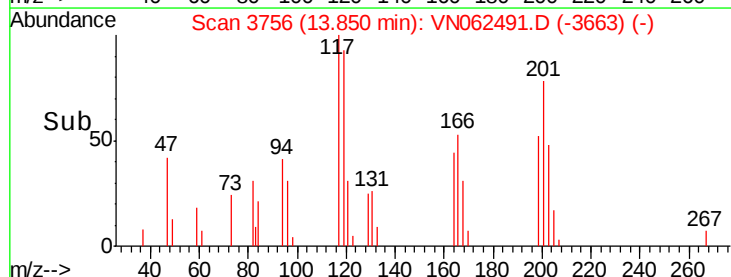
201 71.2 35.4 106.2

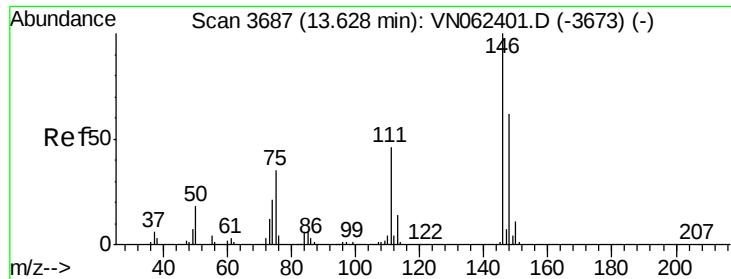


Abundance Ion 116.80 (116.50 to 117.50): VN062401.D (-3742) (-)

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

Time-->

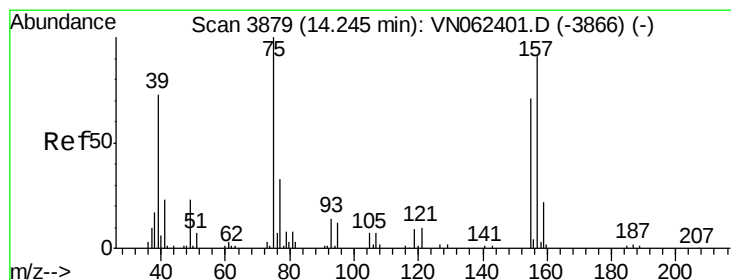
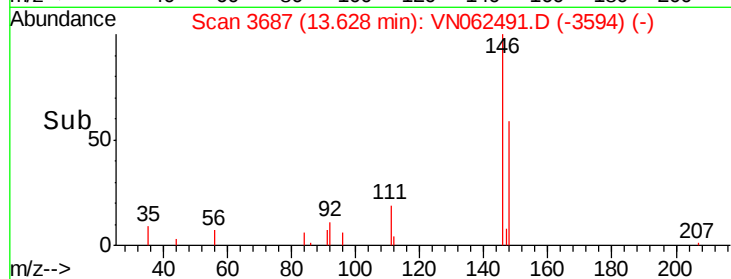
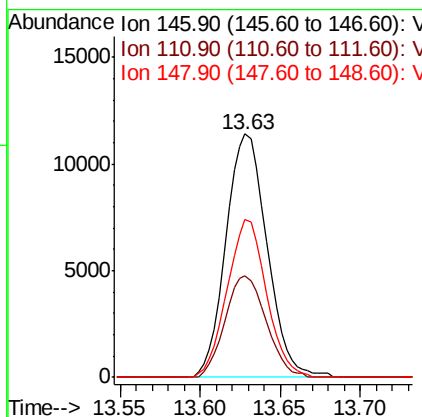
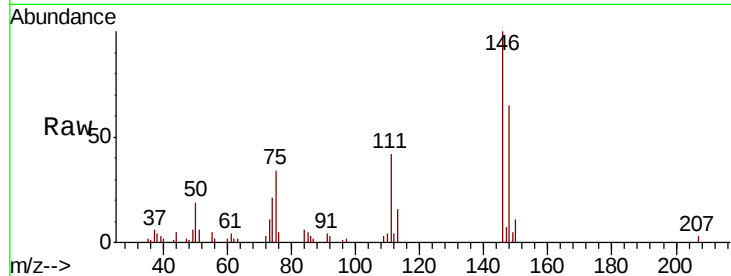




#91
 1,2-Dichlorobenzene
 Concen: 5.778 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

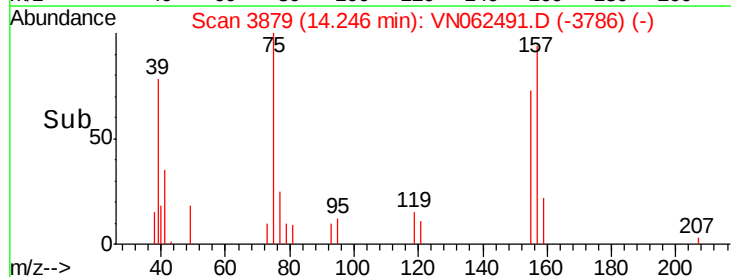
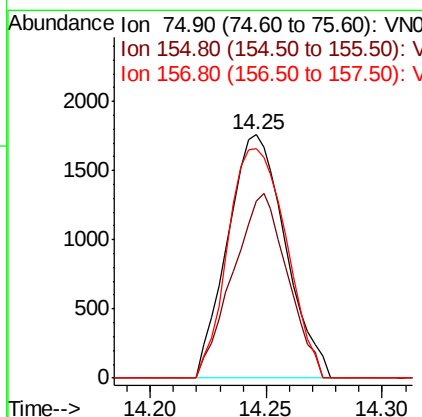
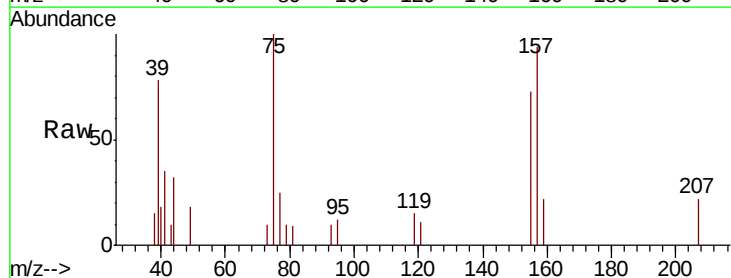
Instrument :
 MSVOA_N
 ClientSampleId :

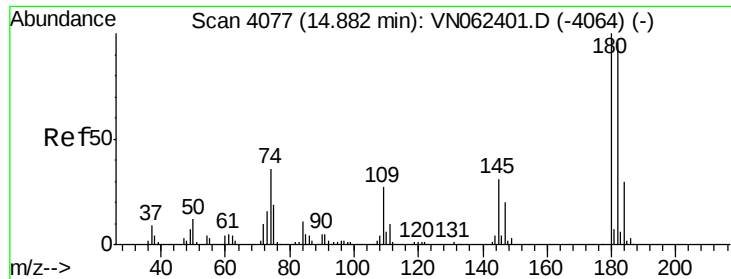
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	22.5	67.5
148	61.8	31.4	94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.435 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.0	35.2	105.6
157	95.1	45.8	137.3

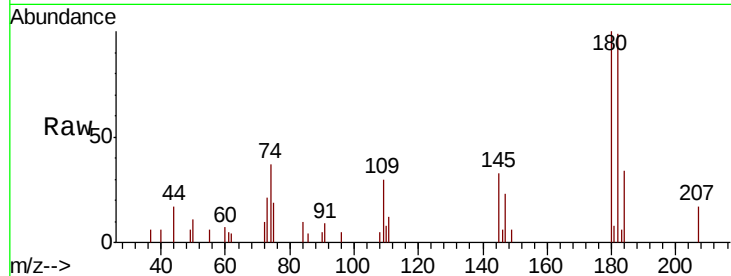




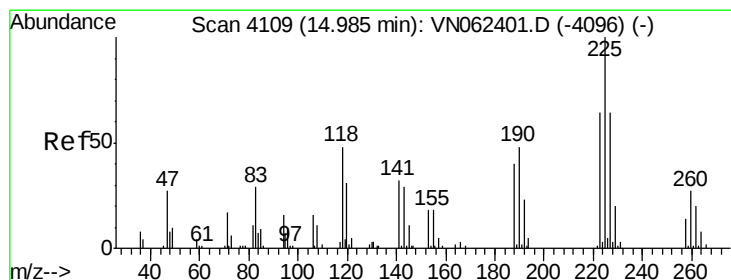
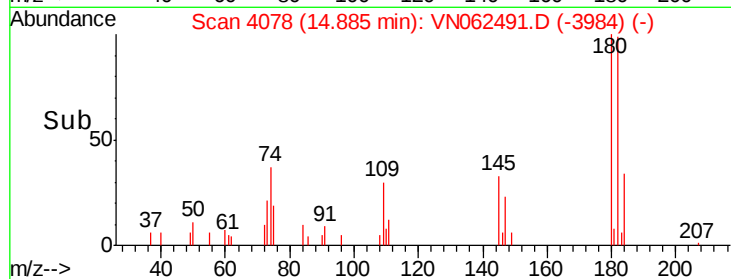
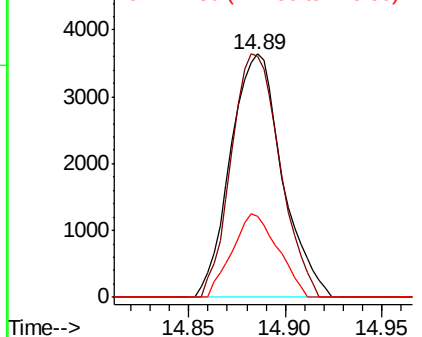
#93
 1,2,4-Trichlorobenzene
 Concen: 4.345 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 6771
 Ion Ratio Lower Upper
 180 100
 182 93.9 48.4 145.2
 145 30.3 15.5 46.5

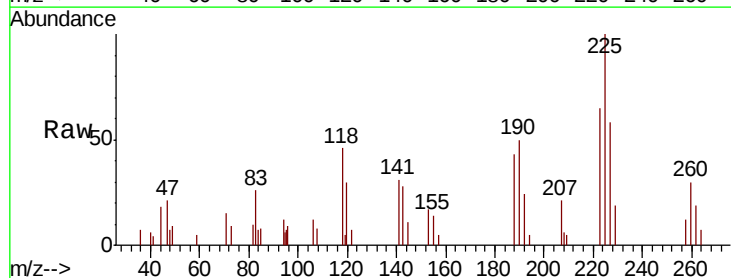


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

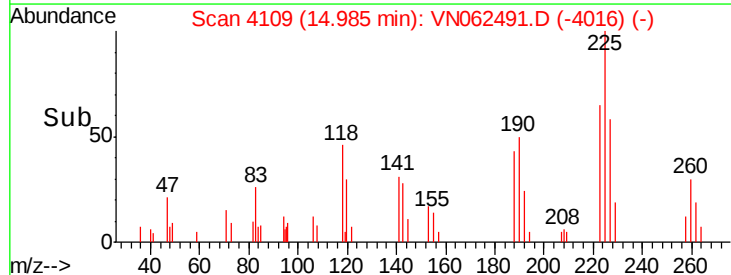
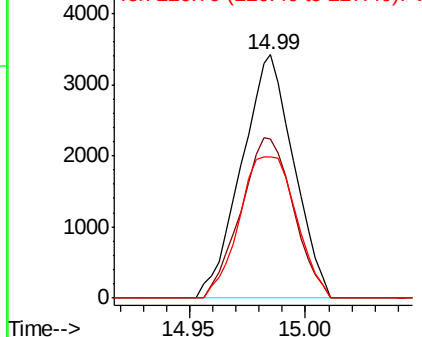


#94
 Hexachlorobutadiene
 Concen: 5.803 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062491.D
 Acq: 10 Jul 2020 14:18

Tgt Ion:225 Resp: 5326
 Ion Ratio Lower Upper
 225 100
 223 66.3 32.3 96.8
 227 63.4 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: 3.855 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

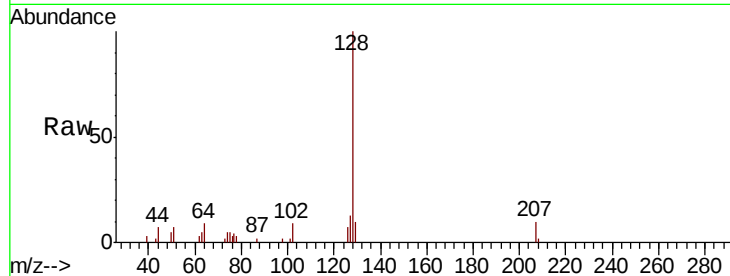
Tot Ion:128 Resp: 16941

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

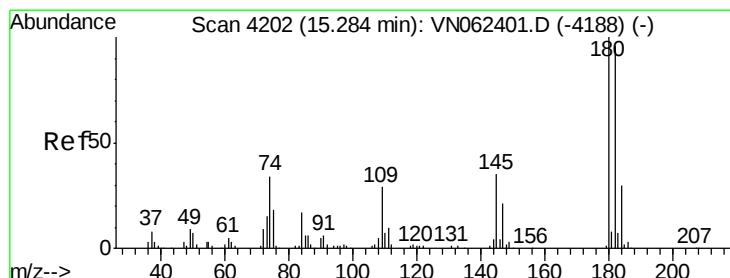
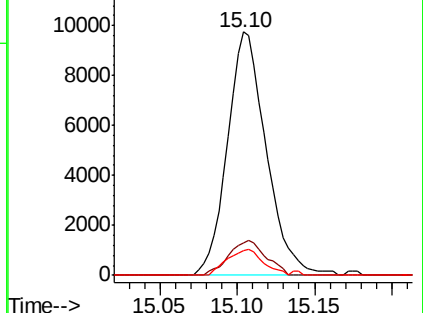
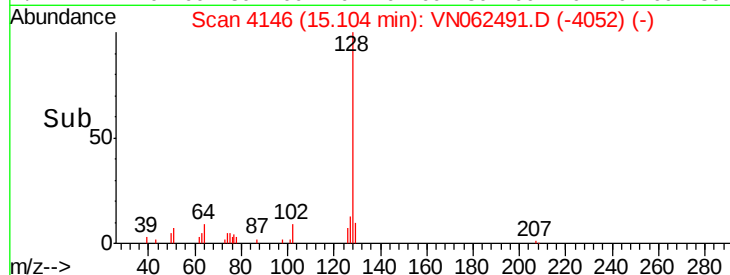
129 9.9 8.6 12.8



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: 4.316 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062491.D

Acq: 10 Jul 2020 14:18

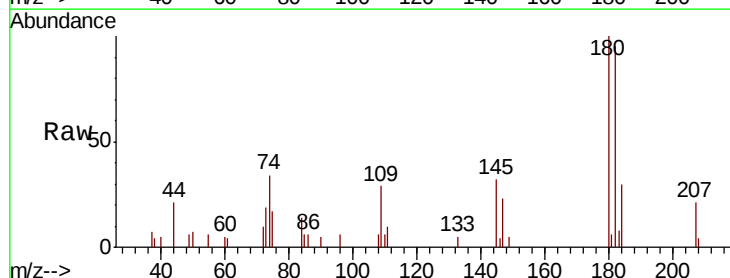
Tgt Ion:180 Resp: 6995

Ion Ratio Lower Upper

180 100

182 97.8 47.8 143.4

145 33.3 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

