

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062489.D
 Acq On : 10 Jul 2020 13:30
 Operator : JC/MD
 Sample : L3216-09 2.5PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 03:21:37 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	190978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	327910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	297026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116504	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	142718	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
35) Dibromofluoromethane	7.55	113	100757	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
50) Toluene-d8	10.06	98	391948	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.38	95	131602	45.01	ug/l	0.00
Spiked Amount			Recovery	=	90.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	5471	2.812	ug/l	97
3) Chloromethane	2.04	50	8819	2.825	ug/l	97
4) Vinyl Chloride	2.16	62	7050	2.757	ug/l	98
5) Bromomethane	2.53	94	3961	2.884	ug/l	98
6) Chloroethane	2.67	64	4217	2.831	ug/l	99
7) Trichlorofluoromethane	2.98	101	8888	2.737	ug/l	99
8) Diethyl Ether	3.37	74	3911	2.693	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	5739	2.981	ug/l #	73
10) Methyl Iodide	3.91	142	4674	1.839	ug/l #	96
11) Tert butyl alcohol	4.74	59	7365	15.115	ug/l #	83
12) 1,1-Dichloroethene	3.70	96	5496	2.804	ug/l	92
13) Acrolein	3.56	56	1779	5.061	ug/l #	1
14) Allyl chloride	4.28	41	11282	2.447	ug/l	98
15) Acrylonitrile	4.94	53	15778	12.346	ug/l	97
16) Acetone	3.78	43	15454	12.392	ug/l	93
17) Carbon Disulfide	4.01	76	17752	2.890	ug/l	99
18) Methyl Acetate	4.29	43	8633	2.774	ug/l #	73
19) Methyl tert-butyl Ether	4.99	73	19303	2.597	ug/l	99
20) Methylene Chloride	4.50	84	7529	2.824	ug/l	86
21) trans-1,2-Dichloroethene	5.00	96	5779	2.721	ug/l #	79
22) Diisopropyl ether	5.91	45	23557	2.586	ug/l #	94
23) Vinyl Acetate	5.85	43	91492	12.126	ug/l	99
24) 1,1-Dichloroethane	5.80	63	12576	2.672	ug/l	98
25) 2-Butanone	6.80	43	22573	12.394	ug/l	95
26) 2,2-Dichloropropane	6.77	77	9838	2.726	ug/l	81
27) cis-1,2-Dichloroethene	6.78	96	7013	2.851	ug/l	99
28) Bromochloromethane	7.15	49	5974	2.336	ug/l #	100
29) Tetrahydrofuran	7.17	42	15196	12.392	ug/l	97
30) Chloroform	7.33	83	11722	2.758	ug/l	94
31) Cyclohexane	7.62	56	15013	3.365	ug/l #	63
32) 1,1,1-Trichloroethane	7.53	97	9626	2.723	ug/l	99
36) 1,1-Dichloropropene	7.75	75	9067	2.745	ug/l	98
37) Ethyl Acetate	6.88	43	7018	1.817	ug/l	98
38) Carbon Tetrachloride	7.74	117	8471	2.852	ug/l	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	9105	2.582	ug/l	99
40) Benzene	8.00	78	27159	2.789	ug/l	96
41) Methacrylonitrile	7.13	41	3688	2.285	ug/l #	65
42) 1,2-Dichloroethane	8.09	62	9646	2.706	ug/l	96
43) Isopropyl Acetate	8.13	43	15873	2.601	ug/l #	90
44) Trichloroethene	8.80	130	6009	2.782	ug/l	99
45) 1,2-Dichloropropane	9.09	63	7641	2.703	ug/l	99
46) Dibromomethane	9.18	93	4528	2.839	ug/l	94
47) Bromodichloromethane	9.37	83	8684	2.546	ug/l	98
48) Methyl methacrylate	9.17	41	7909	2.642	ug/l	92
49) 1,4-Dioxane	9.17	88	2185	50.149	ug/l #	89
51) 4-Methyl-2-Pentanone	9.95	43	45397	12.455	ug/l	97
52) Toluene	10.13	92	15664	2.785	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	9468	2.478	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	10437	2.476	ug/l	94
55) 1,1,2-Trichloroethane	10.54	97	6316	2.855	ug/l	96
56) Ethyl methacrylate	10.40	69	8576	2.320	ug/l	96
57) 1,3-Dichloropropane	10.68	76	11159	2.731	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	12909	9.837	ug/l	97
59) 2-Hexanone	10.72	43	31496	11.903	ug/l	97
60) Dibromochloromethane	10.87	129	6129	2.556	ug/l	99
61) 1,2-Dibromoethane	10.98	107	6060	2.714	ug/l	96
64) Tetrachloroethene	10.60	164	4964	2.816	ug/l	90
65) Chlorobenzene	11.41	112	16120	2.792	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.48	131	5713	2.684	ug/l	97
67) Ethyl Benzene	11.48	91	27286	2.518	ug/l	99
68) m/p-Xylenes	11.60	106	18632	4.857	ug/l	95
69) o-Xylene	11.92	106	9642	2.582	ug/l	93
70) Styrene	11.94	104	14325	2.321	ug/l	99
71) Bromoform	12.10	173	4143	2.655	ug/l #	96
73) Isopropylbenzene	12.22	105	24924	2.765	ug/l	100
74) N-amyl acetate	12.05	43	10517	2.397	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.48	83	9235	3.047	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	11510	4.026	ug/l #	100
77) Bromobenzene	12.50	156	5916	2.886	ug/l	94
78) n-propylbenzene	12.57	91	29312	2.783	ug/l	98
79) 2-Chlorotoluene	12.65	91	18750	2.934	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	19338	2.617	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	2390	2.238	ug/l	90
82) 4-Chlorotoluene	12.75	91	17870	2.754	ug/l	98
83) tert-Butylbenzene	12.97	119	17359	2.768	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	18957	2.581	ug/l	98
85) sec-Butylbenzene	13.15	105	21457	2.582	ug/l	99
86) p-Isopropyltoluene	13.27	119	17593	2.453	ug/l	95
87) 1,3-Dichlorobenzene	13.26	146	9552	2.702	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	10075	2.769	ug/l	87
89) n-Butylbenzene	13.59	91	14956	2.361	ug/l	97
90) Hexachloroethane	13.85	117	3738	2.649	ug/l	88
91) 1,2-Dichlorobenzene	13.63	146	9304	2.722	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1523	2.753	ug/l	89

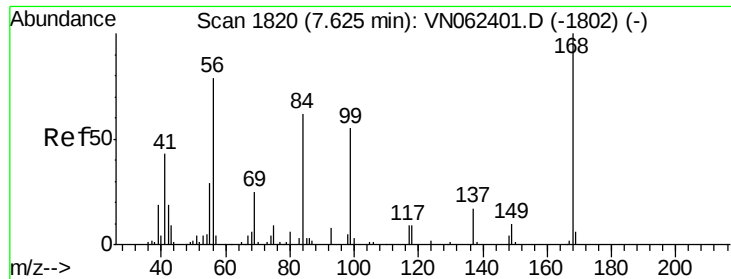
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	3137	2.035	ug/l	93
94) Hexachlorobutadiene	14.98	225	2654	2.924	ug/l	95
95) Naphthalene	15.11	128	8318	1.914	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.28	180	3441	2.147	ug/l	96

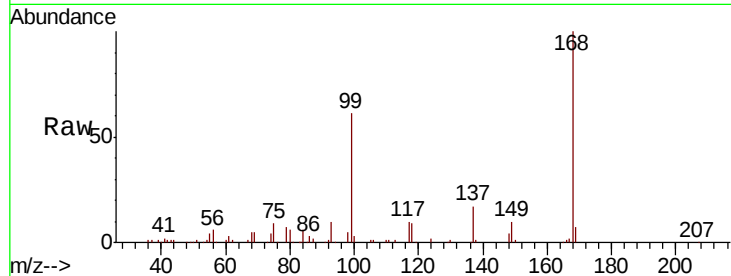
(#) = qualifier out of range (m) = manual integration (+) = signals summed



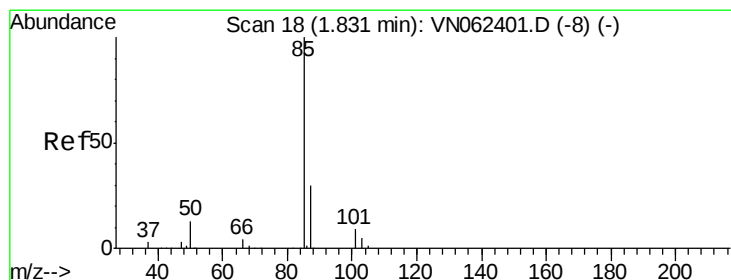
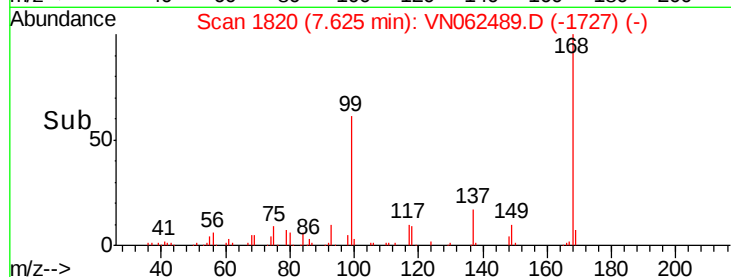
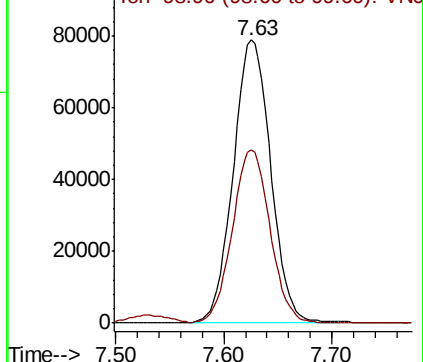
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 190978
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2

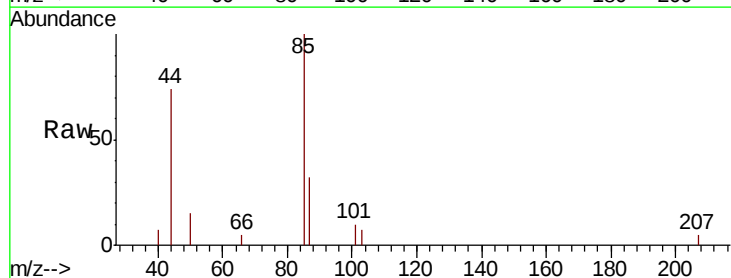


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VNO

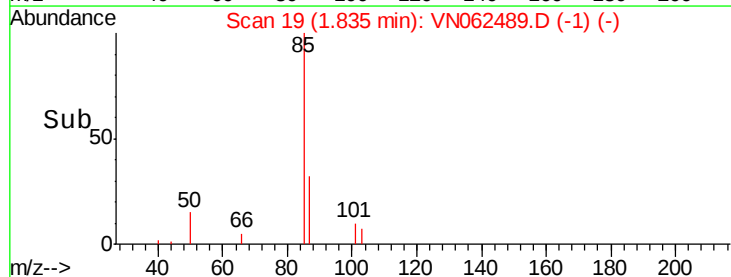
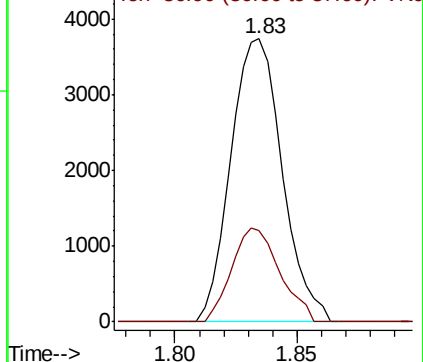


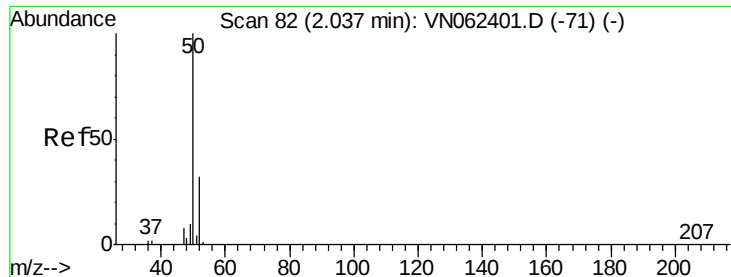
#2
Dichlorodifluoromethane
Concen: 2.812 ug/l
RT: 1.83 min Scan# 19
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 85 Resp: 5471
Ion Ratio Lower Upper
85 100
87 32.2 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VNO
Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 2.825 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

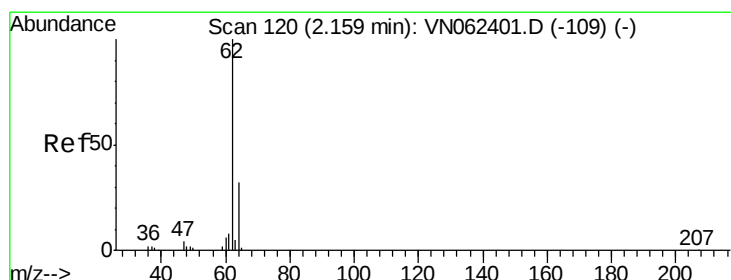
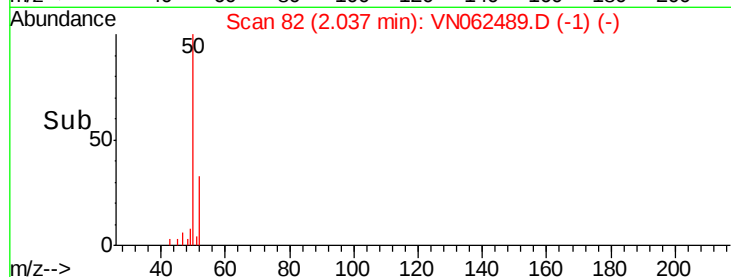
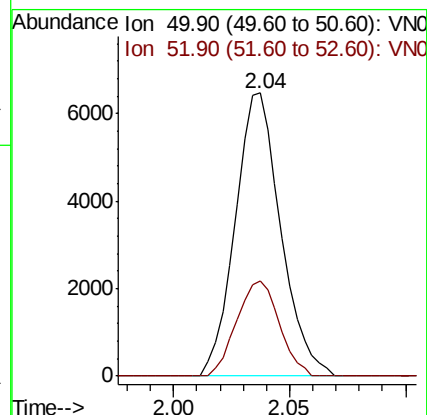
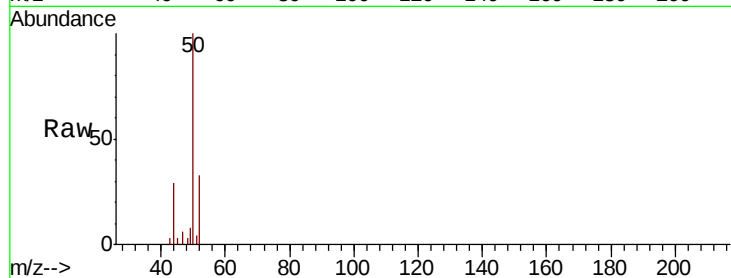
ClientSampleId :

Tot Ion: 50 Resp: 8819

Ion Ratio Lower Upper

50 100

52 33.5 25.5 38.3



#4

Vinyl Chloride

Concen: 2.757 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062489.D

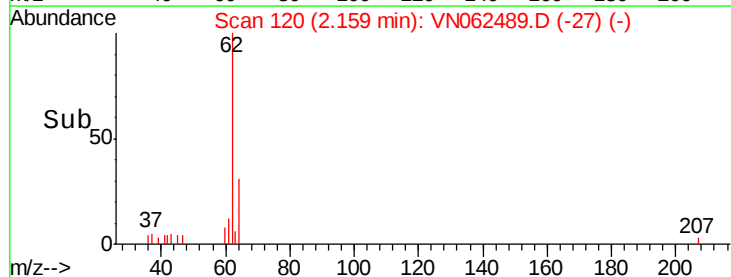
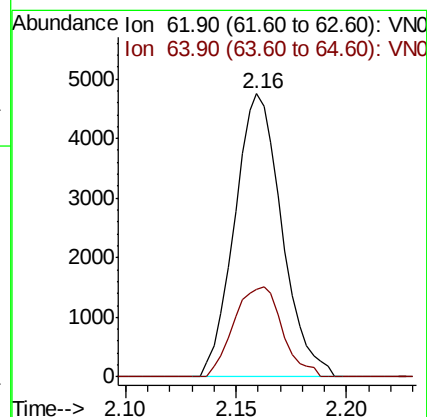
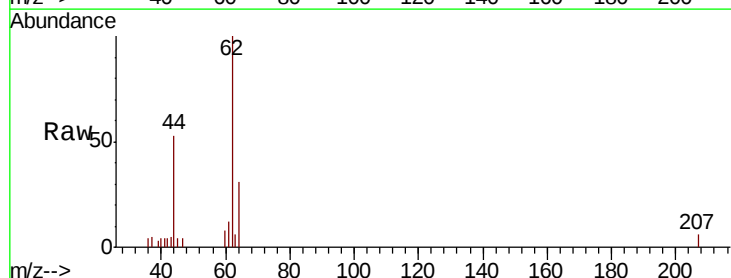
Acq: 10 Jul 2020 13:30

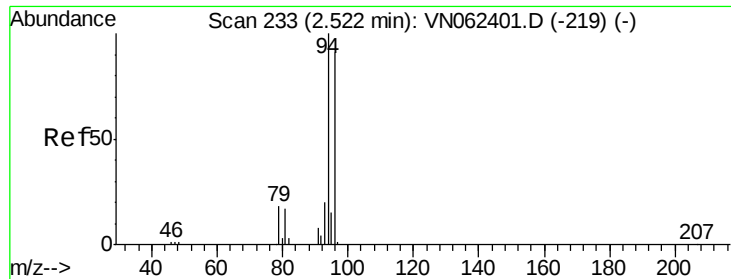
Tgt Ion: 62 Resp: 7050

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5





#5

Bromomethane

Concen: 2.884 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

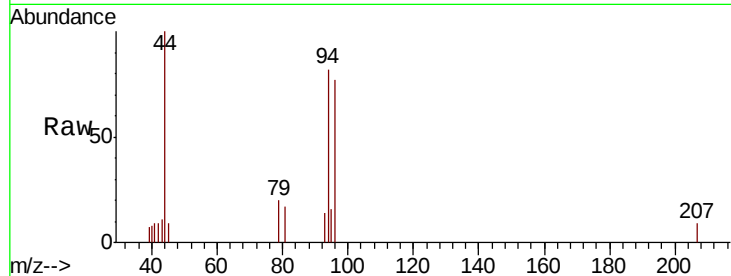
ClientSampleId :

Tot Ion: 94 Resp: 3961

Ion Ratio Lower Upper

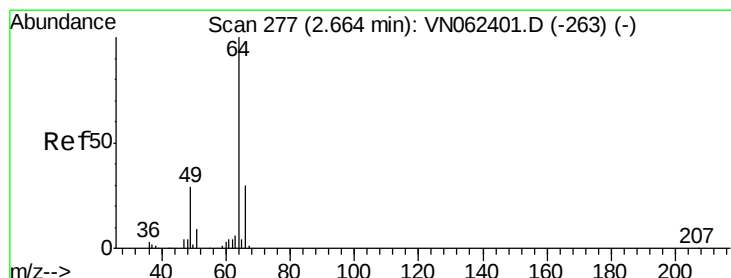
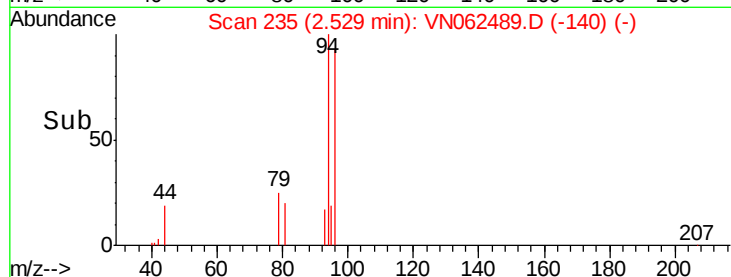
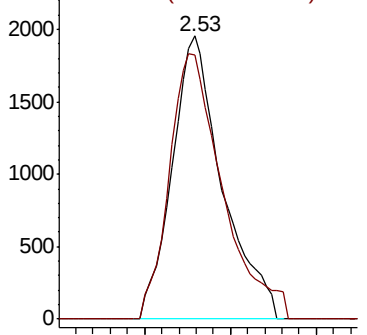
94 100

96 93.2 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN062401.D (-219) (-)

Ion 95.90 (95.60 to 96.60): VN062401.D (-219) (-)



#6

Chloroethane

Concen: 2.831 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062489.D

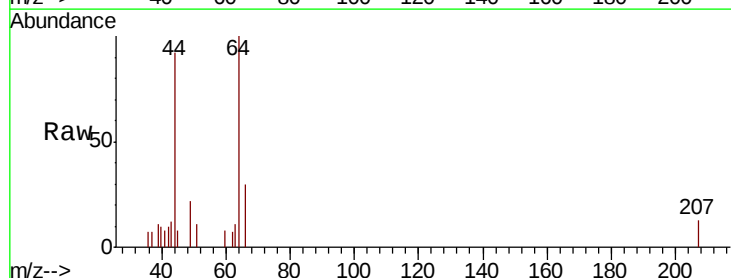
Acq: 10 Jul 2020 13:30

Tgt Ion: 64 Resp: 4217

Ion Ratio Lower Upper

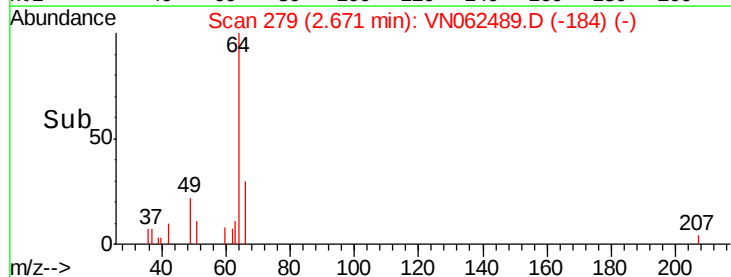
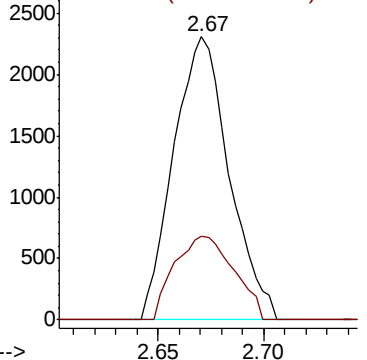
64 100

66 29.7 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN062401.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN062401.D (-263) (-)



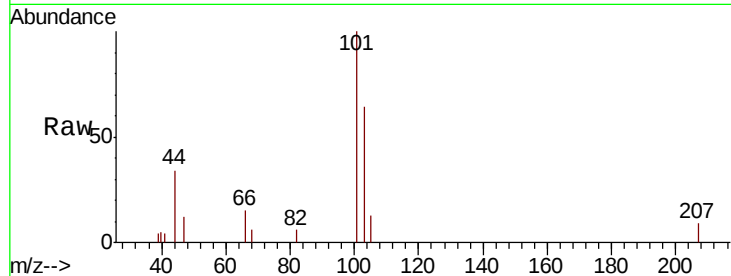


#7

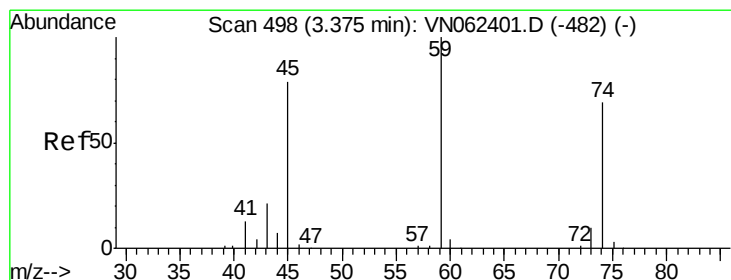
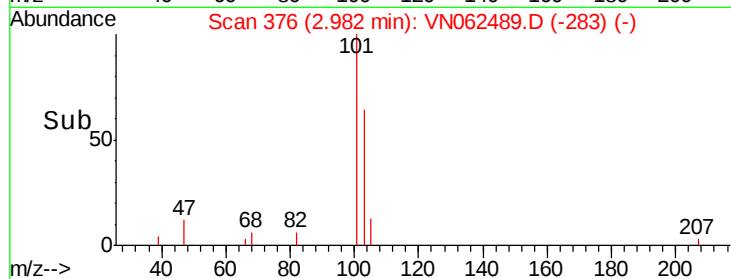
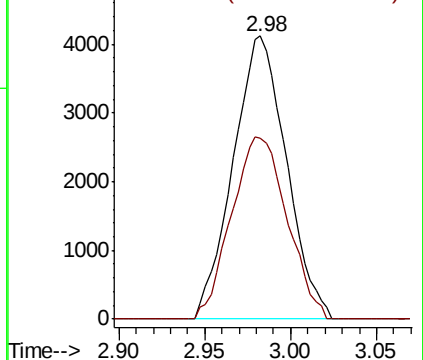
Trichlorofluoromethane
 Concen: 2.737 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 8888
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.6 77.4



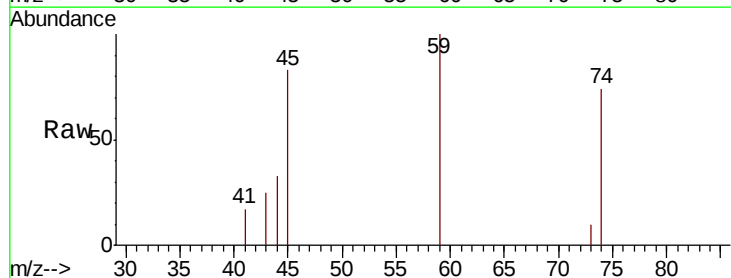
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



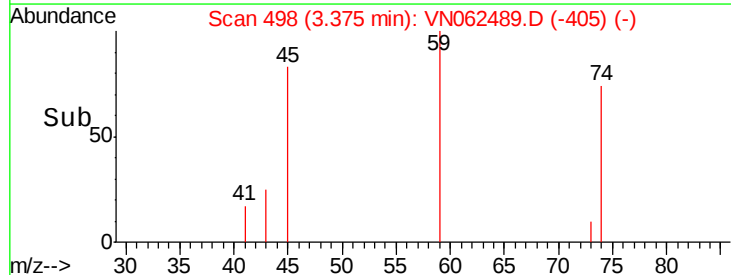
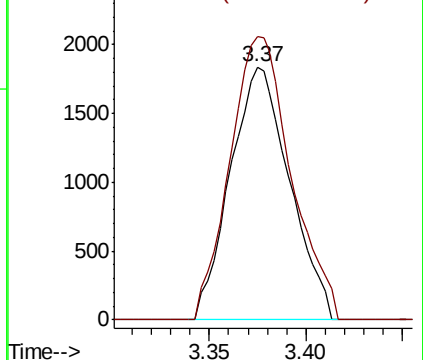
#8

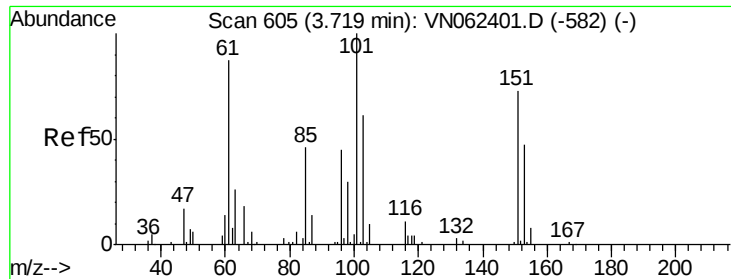
Diethyl Ether
 Concen: 2.693 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Tgt Ion: 74 Resp: 3911
 Ion Ratio Lower Upper
 74 100
 45 115.8 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: 2.981 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

ClientSampled :

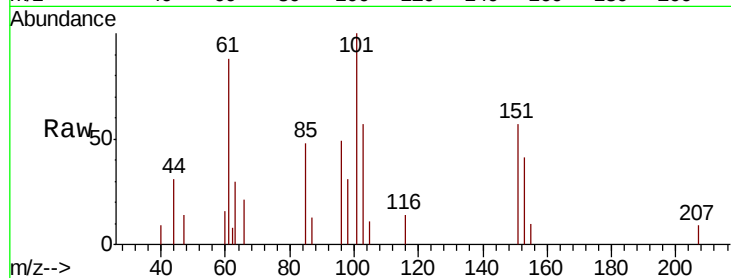
Tot Ion:101 Resp: 5739

Ion Ratio Lower Upper

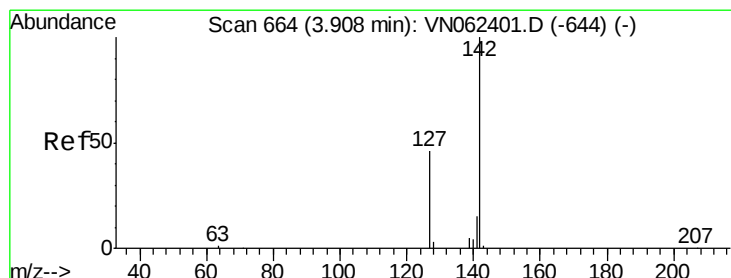
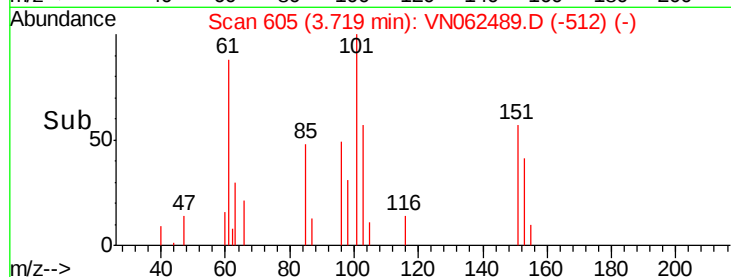
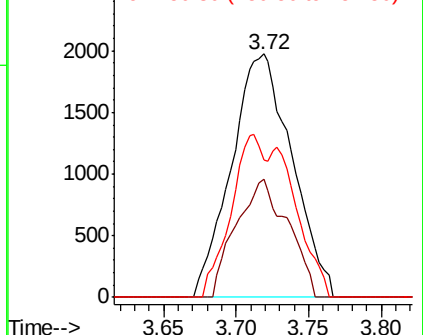
101 100

85 41.5 36.7 55.1

151 39.0 58.3 87.5#



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.839 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

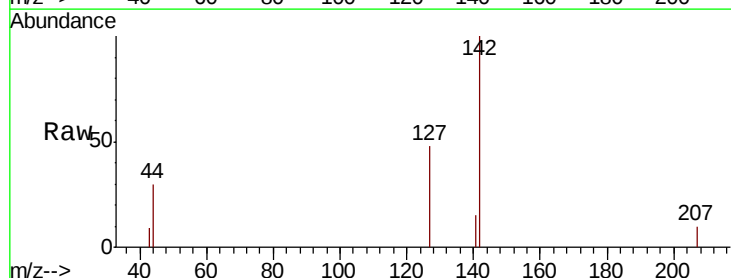
Tgt Ion:142 Resp: 4674

Ion Ratio Lower Upper

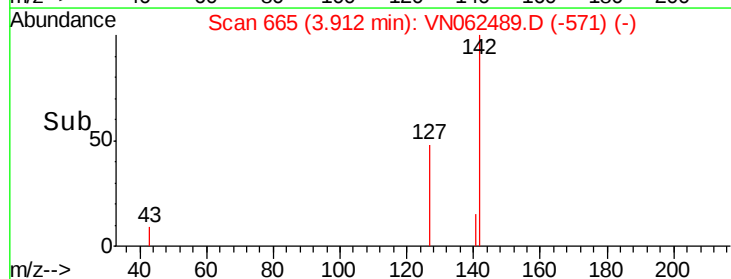
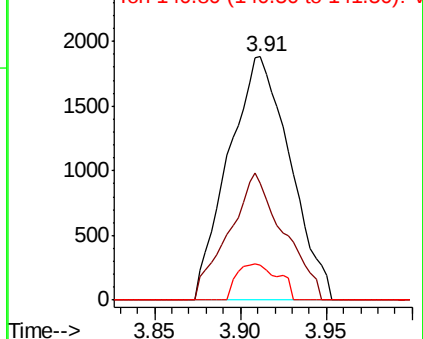
142 100

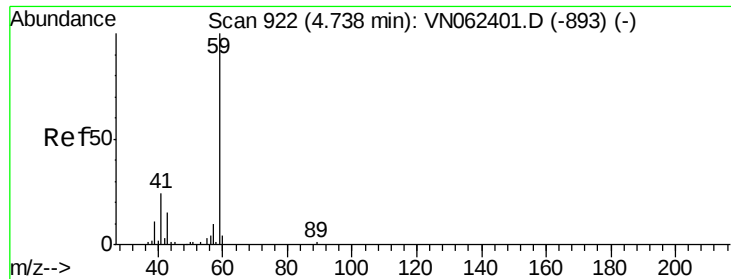
127 46.3 36.1 54.1

141 10.1 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

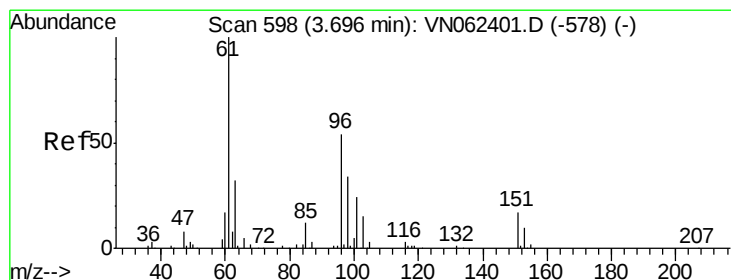
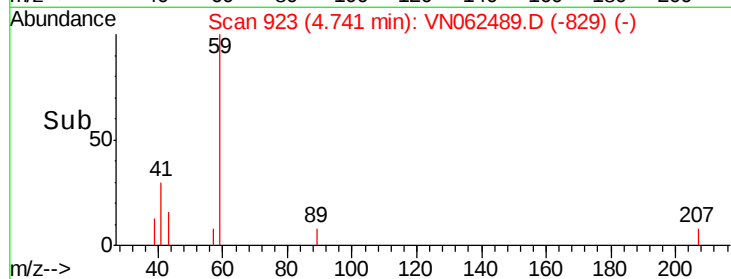
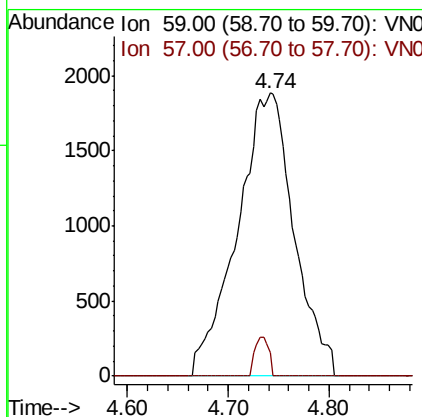
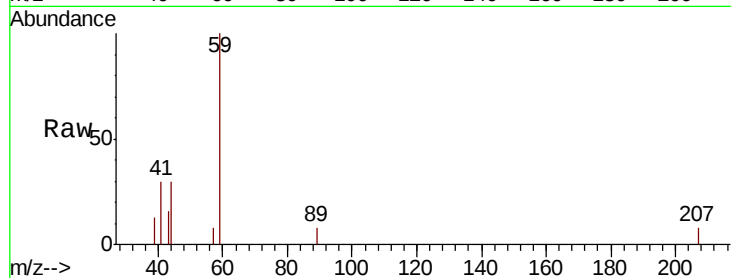




#11
Tert butyl alcohol
Concen: 15.115 ug/l
RT: 4.74 min Scan# 923
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

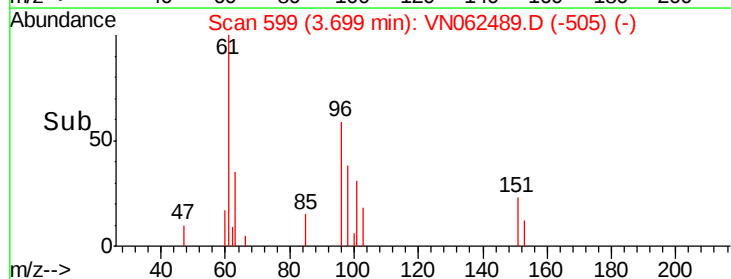
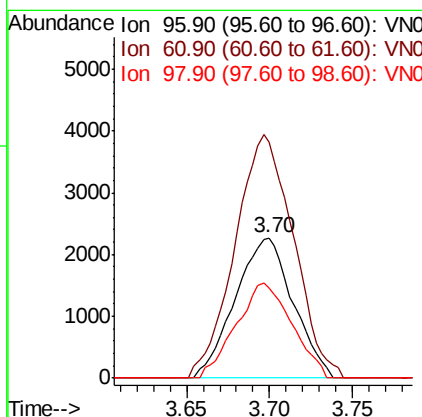
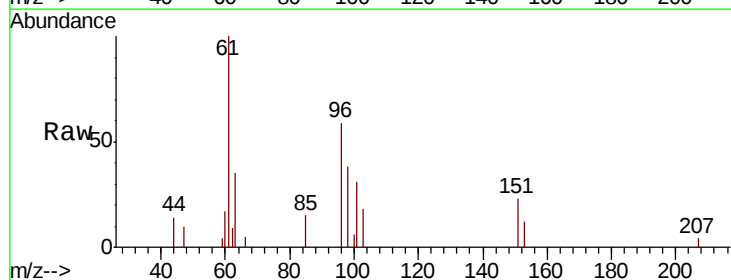
Instrument :
MSVOA_N
ClientSampleId :

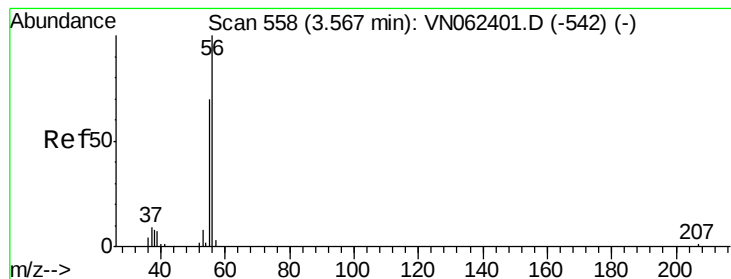
Tot Ion: 59 Resp: 7365
Ion Ratio Lower Upper
59 100
57 3.3 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 2.804 ug/l
RT: 3.70 min Scan# 599
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 96 Resp: 5496
Ion Ratio Lower Upper
96 100
61 168.8 147.4 221.0
98 64.3 50.4 75.6





#13

Acrolein

Concen: 5.061 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.01 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

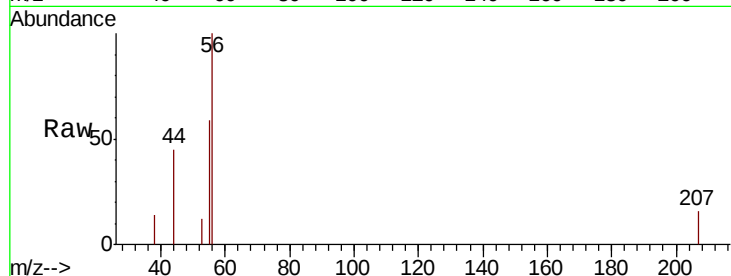
ClientSampleId :

Tot Ion: 56 Resp: 1779

Ion Ratio Lower Upper

56 100

55 161.4 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VN062401.D (-542) (-)

Ion 55.00 (54.70 to 55.70): VN062401.D (-542) (-)

1500

1000

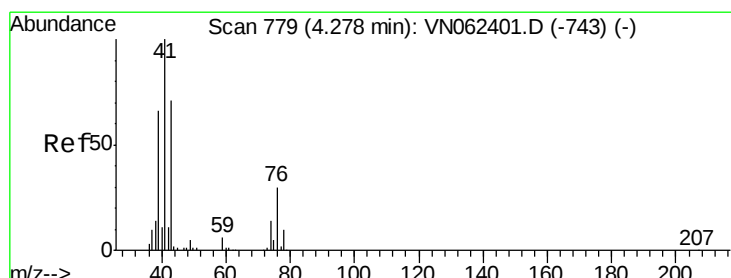
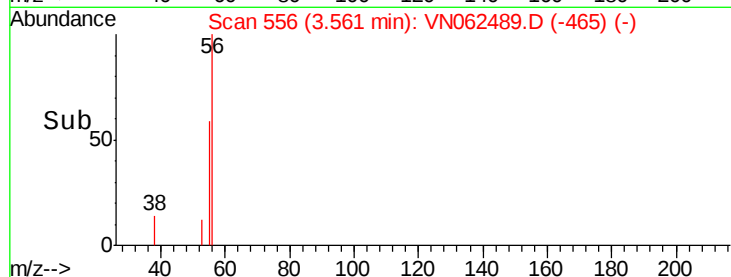
500

0

3.56

3.58

Time-->



#14

Allyl chloride

Concen: 2.447 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

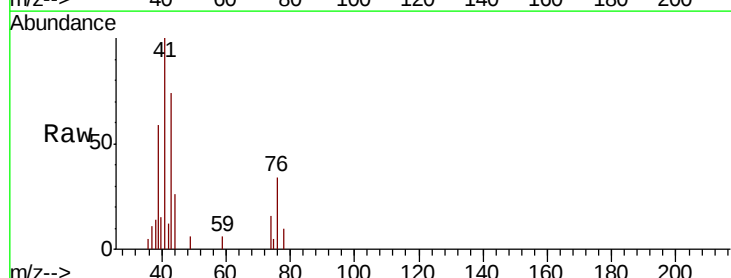
Tgt Ion: 41 Resp: 11282

Ion Ratio Lower Upper

41 100

39 63.5 49.6 74.4

76 28.9 22.2 33.4



Abundance Ion 41.00 (40.70 to 41.70): VN062401.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062401.D (-743) (-)

Ion 75.90 (75.60 to 76.60): VN062401.D (-743) (-)

5000

4000

3000

2000

1000

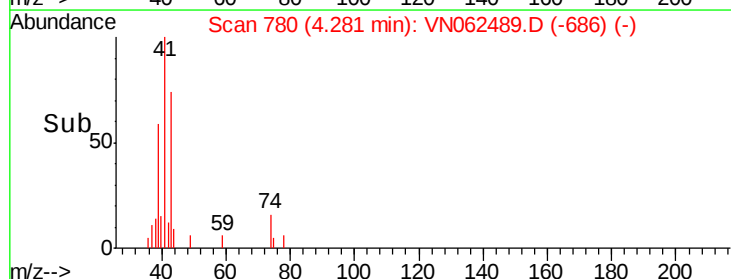
0

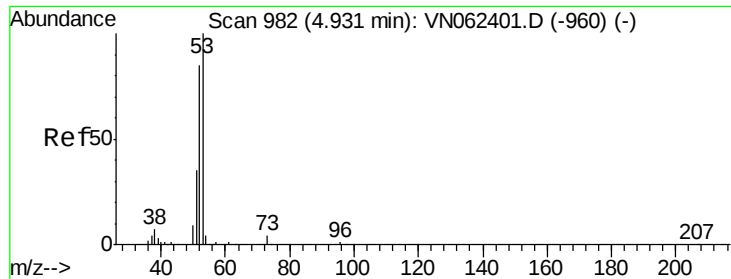
4.28

4.30

4.35

Time-->





#15

Acrylonitrile

Concen: 12.346 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.01 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

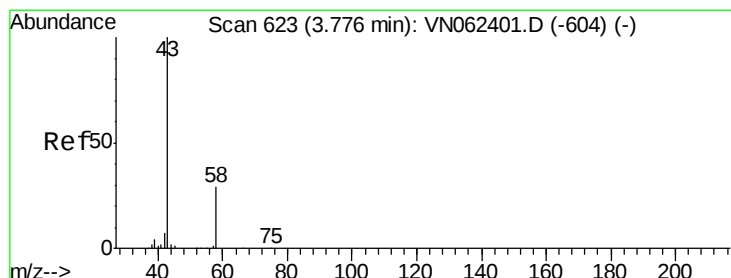
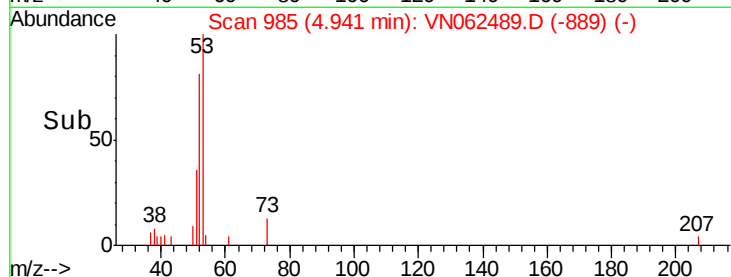
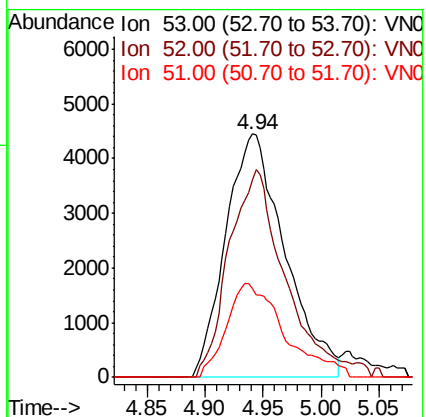
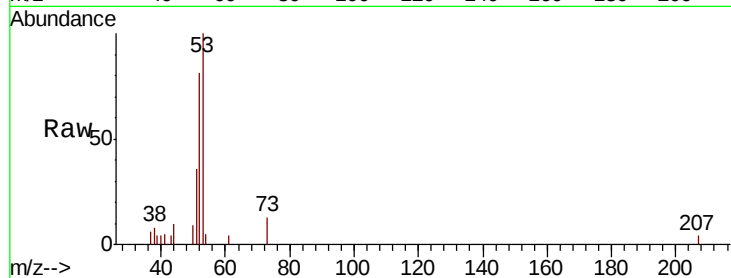
Tot Ion: 53 Resp: 15778

Ion Ratio Lower Upper

53 100

52 80.5 66.2 99.4

51 37.8 28.7 43.1



#16

Acetone

Concen: 12.392 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062489.D

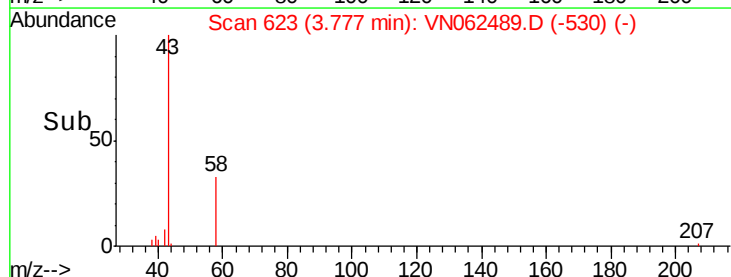
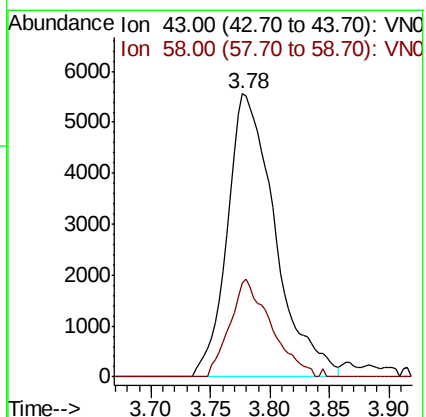
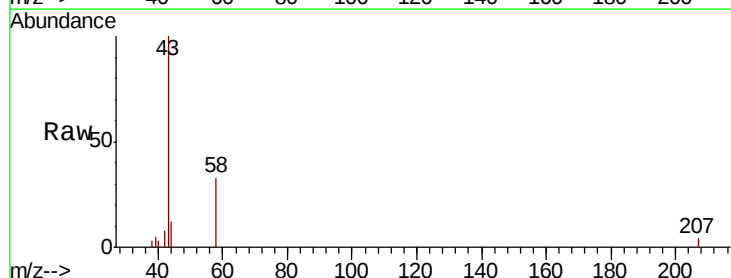
Acq: 10 Jul 2020 13:30

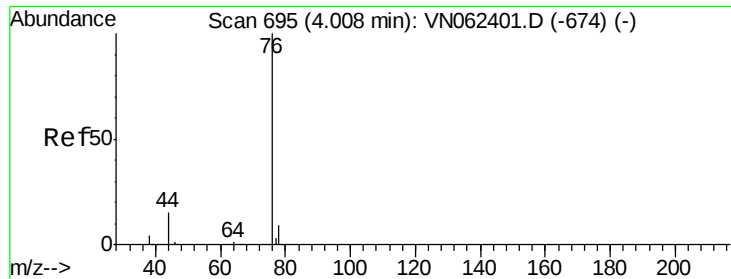
Tgt Ion: 43 Resp: 15454

Ion Ratio Lower Upper

43 100

58 33.2 23.5 35.3

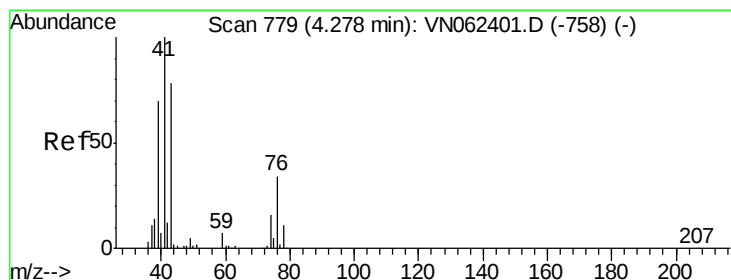
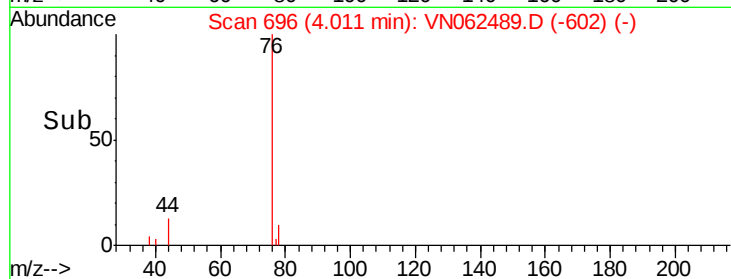
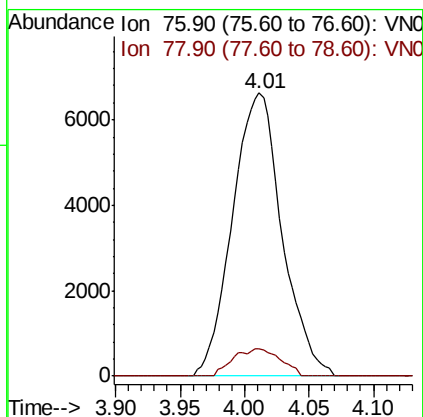
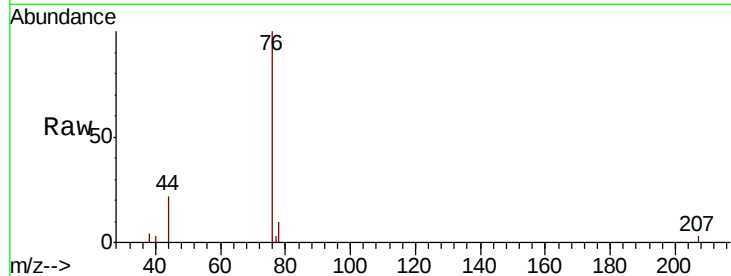




#17
Carbon Disulfide
Concen: 2.890 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

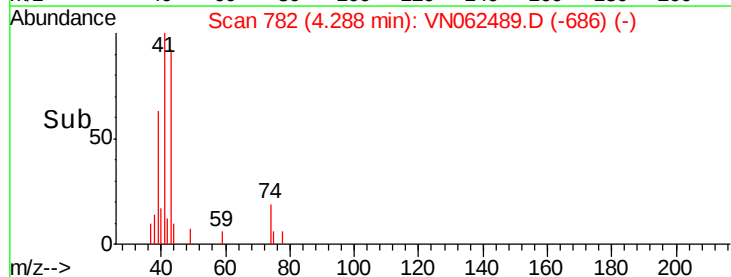
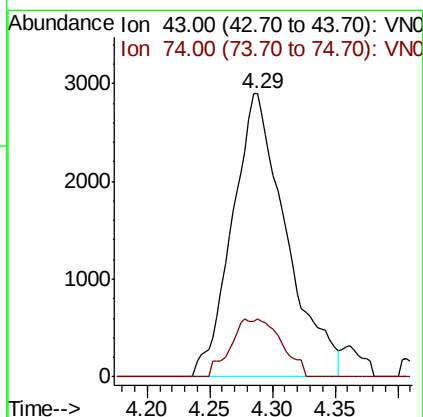
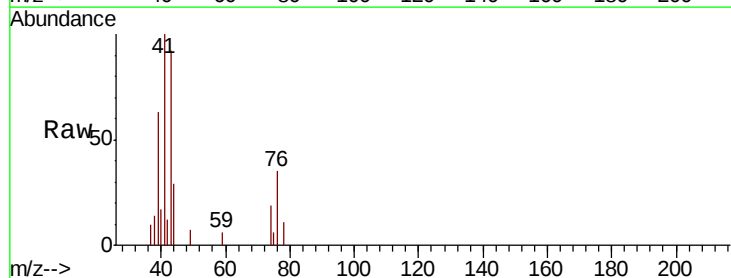
Instrument :
MSVOA_N
ClientSampled :

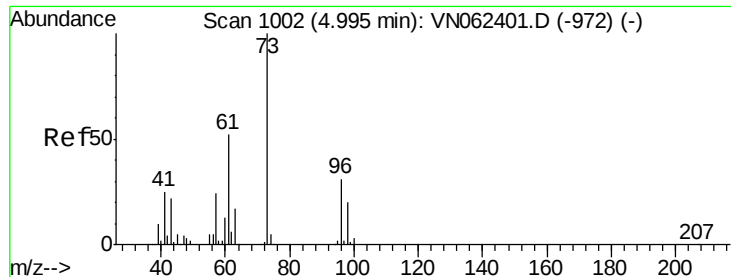
Tot Ion: 76 Resp: 17752
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 2.774 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 43 Resp: 8633
Ion Ratio Lower Upper
43 100
74 7.8 16.0 24.0#



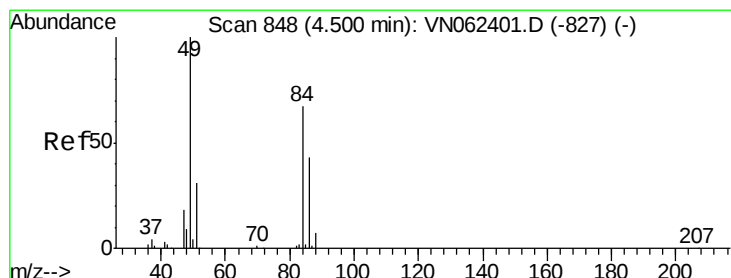
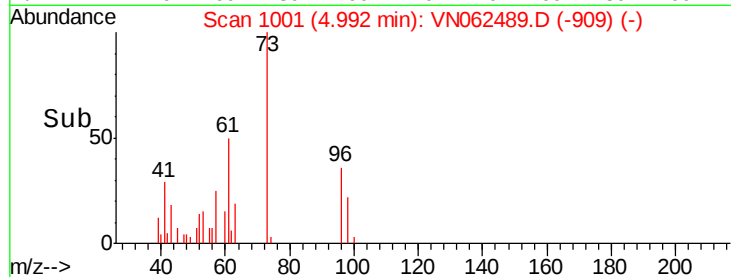
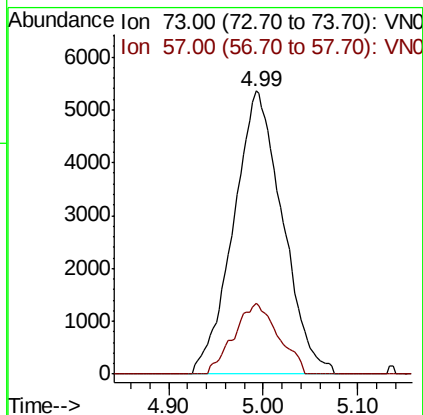
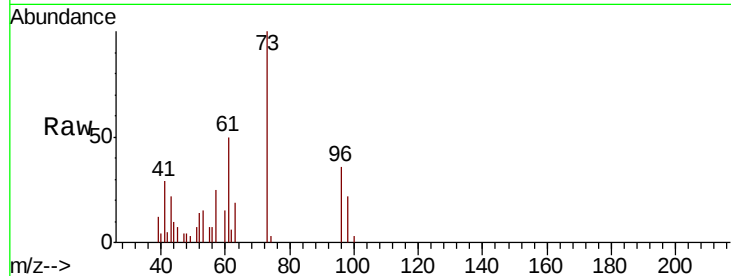


#19

Methyl tert-butyl Ether
 Concen: 2.597 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Instrument :
 MSVOA_N
 ClientSampleId :

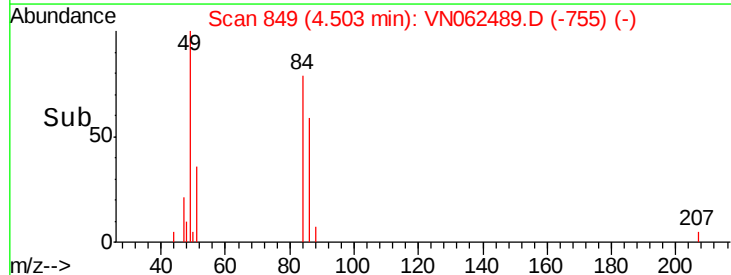
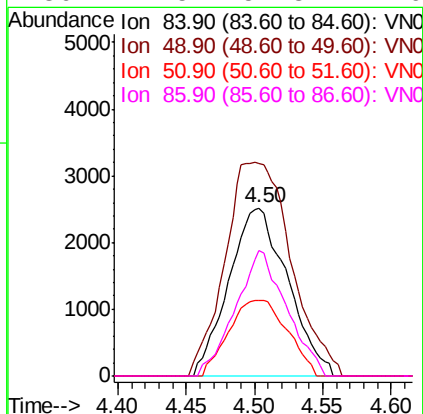
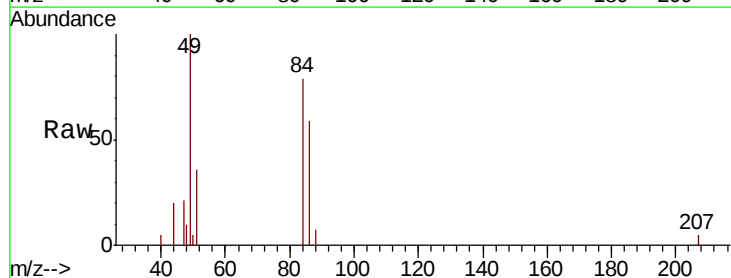
Tot Ion: 73 Resp: 19303
 Ion Ratio Lower Upper
 73 100
 57 24.9 19.4 29.0

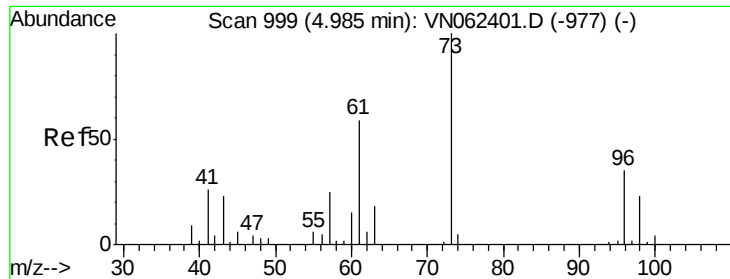


#20

Methylene Chloride
 Concen: 2.824 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Tgt Ion: 84 Resp: 7529
 Ion Ratio Lower Upper
 84 100
 49 126.5 120.0 180.0
 51 45.0 37.0 55.6
 86 74.5 51.8 77.6

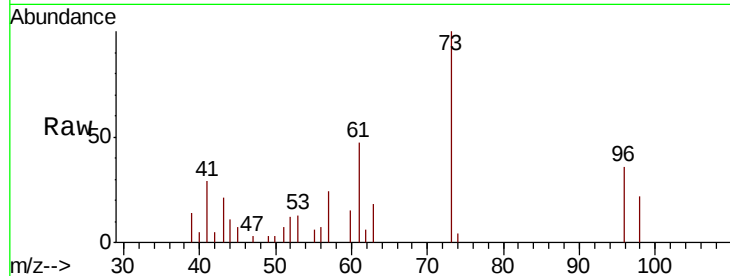




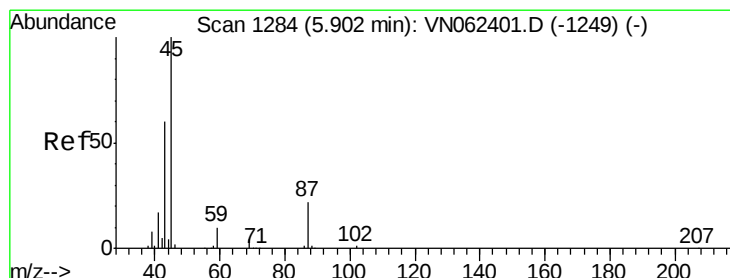
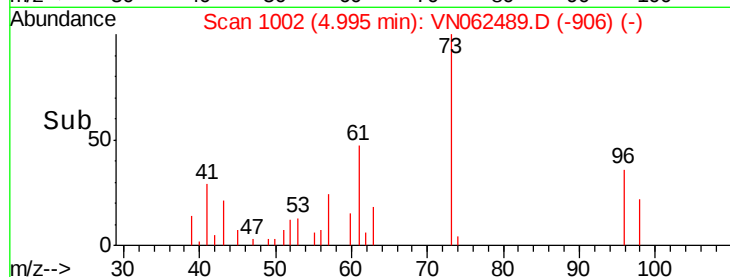
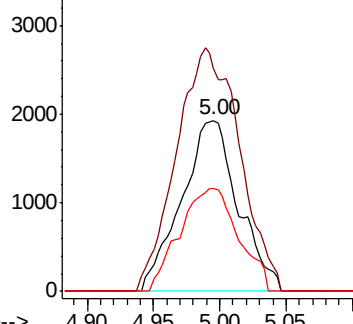
#21
trans-1,2-Dichloroethene
Concen: 2.721 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 5779
Ion Ratio Lower Upper
96 100
61 130.1 133.5 200.3#
98 60.4 51.9 77.9

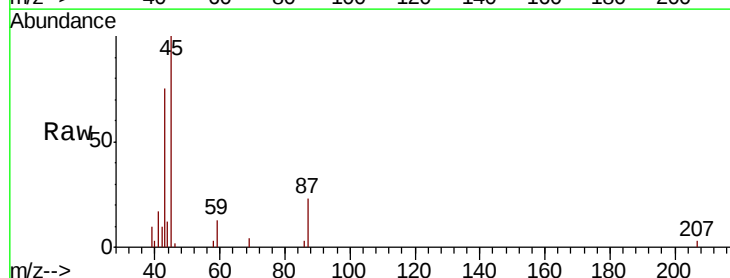


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

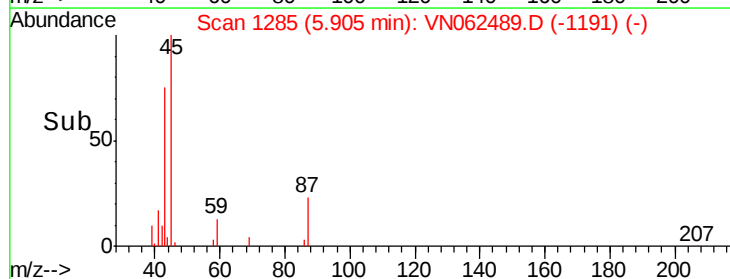
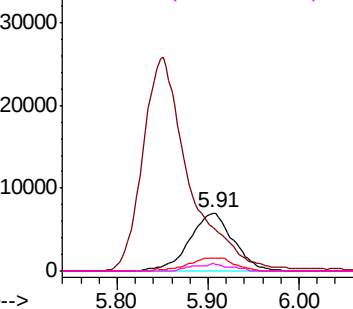


#22
Diisopropyl ether
Concen: 2.586 ug/l
RT: 5.91 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 45 Resp: 23557
Ion Ratio Lower Upper
45 100
43 68.6 50.1 75.1
87 23.2 18.2 27.4
59 13.0 8.2 12.2#



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

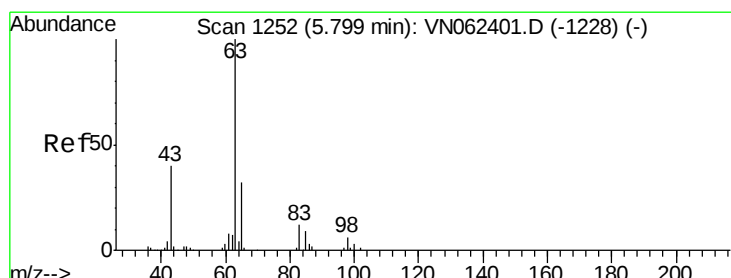
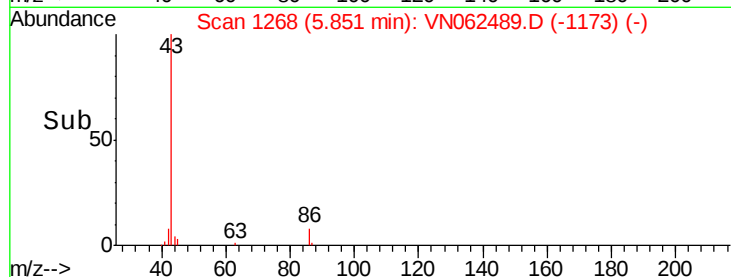
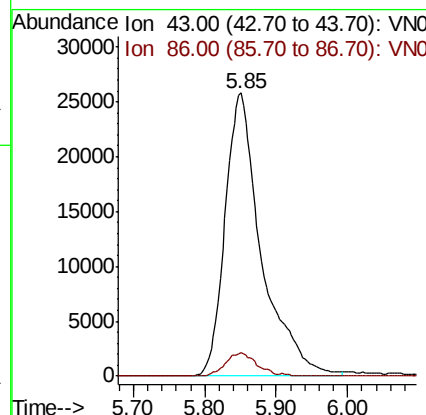
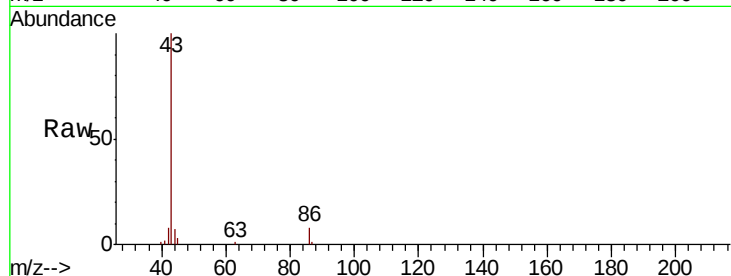




#23
 Vinyl Acetate
 Concen: 12.126 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

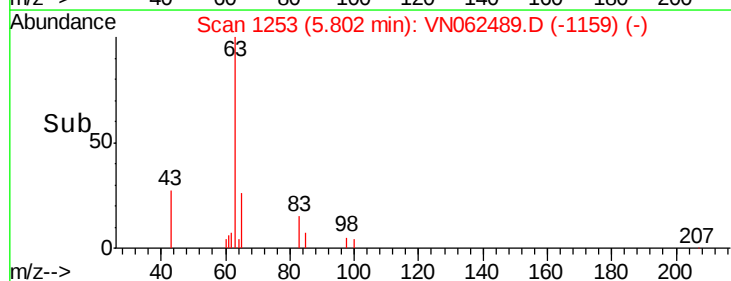
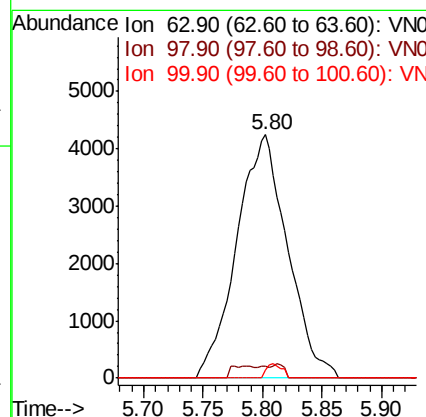
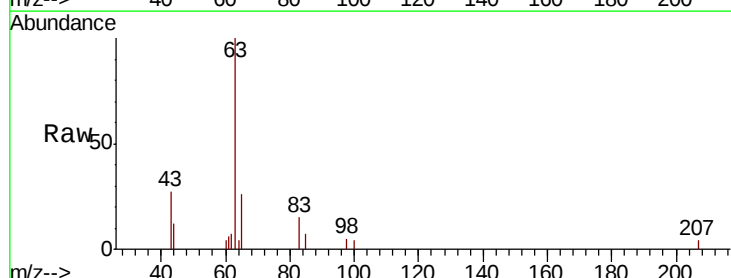
Instrument :
 MSVOA_N
 ClientSampled :

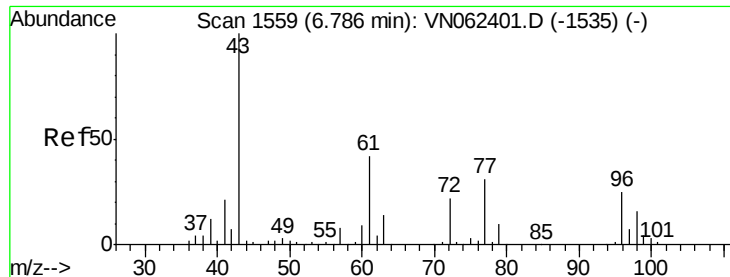
Tot Ion: 43 Resp: 91492
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 2.672 ug/l
 RT: 5.80 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Tgt Ion: 63 Resp: 12576
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.9 8.8
 100 3.6 1.8 5.3

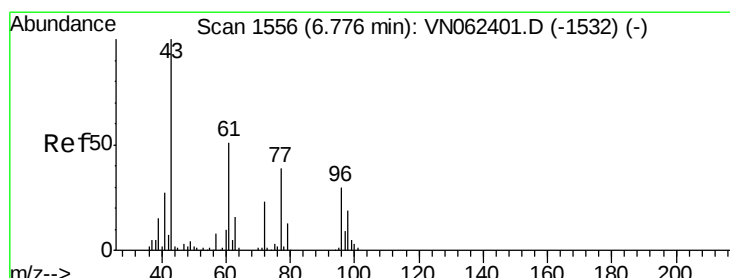
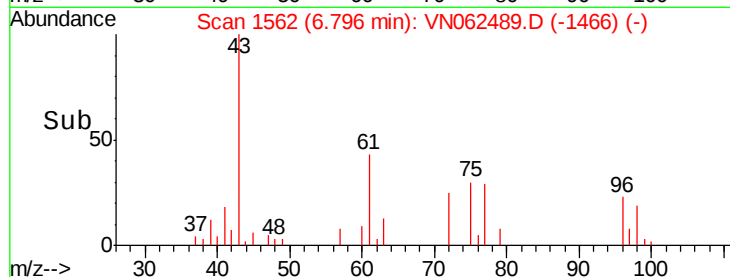
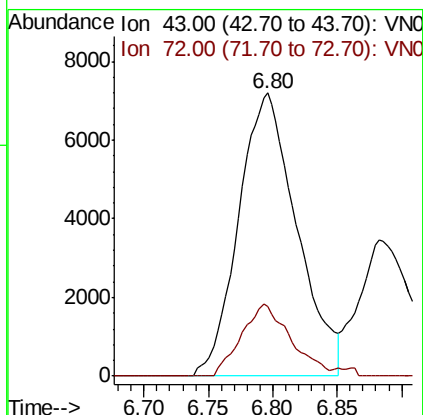
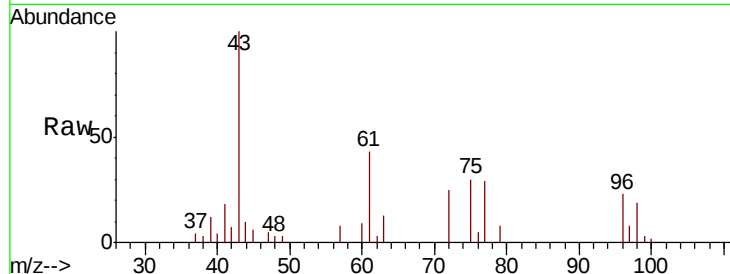




#25
2-Butanone
Concen: 12.394 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

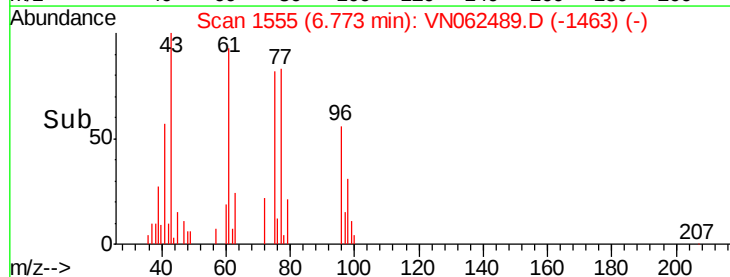
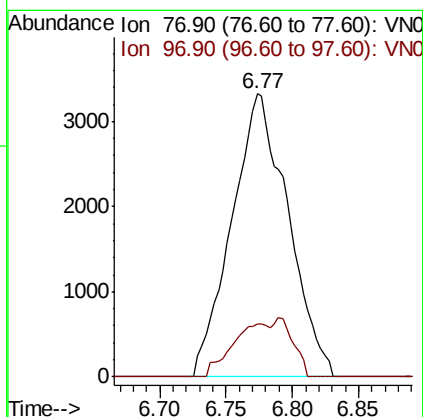
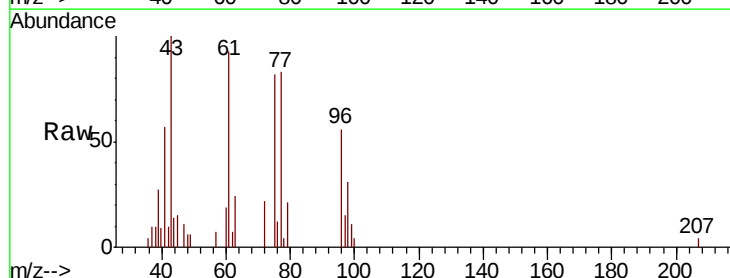
Instrument :
MSVOA_N
ClientSampled :

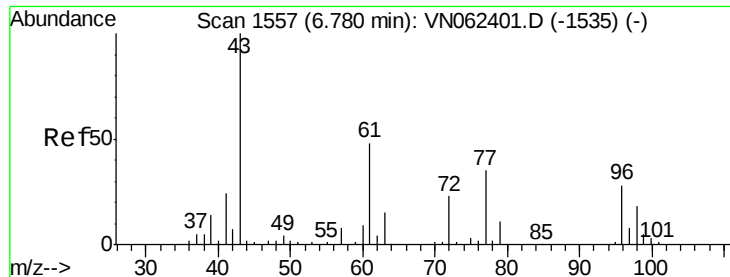
Tot Ion: 43 Resp: 22573
Ion Ratio Lower Upper
43 100
72 24.6 17.9 26.9



#26
2,2-Dichloropropane
Concen: 2.726 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 77 Resp: 9838
Ion Ratio Lower Upper
77 100
97 12.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 2.851 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

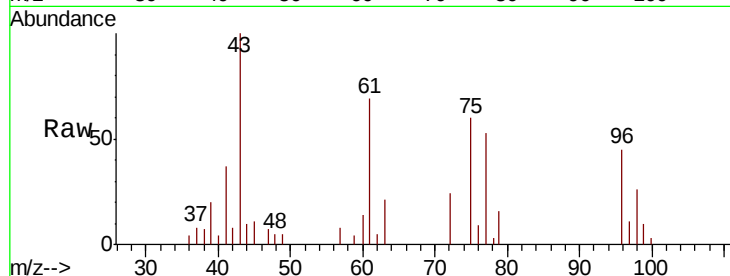
Tot Ion: 96 Resp: 7013

Ion Ratio Lower Upper

96 100

61 169.2 0.0 343.4

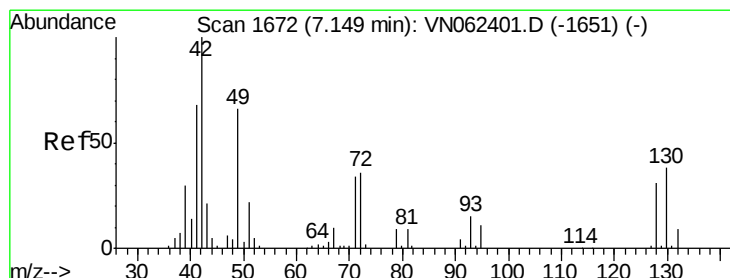
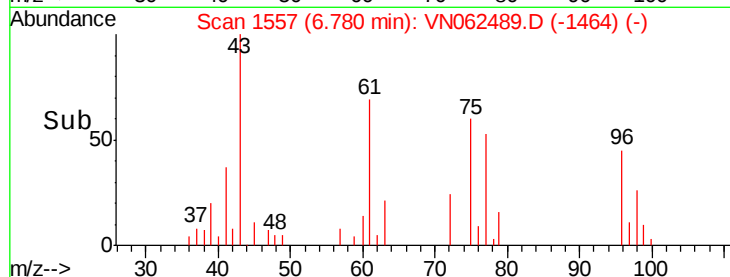
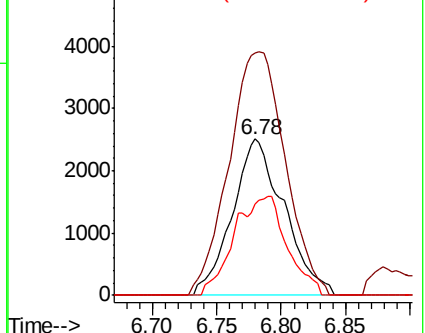
98 64.5 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN062401.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN062401.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN062401.D (-1535) (-)



#28

Bromochloromethane

Concen: 2.336 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

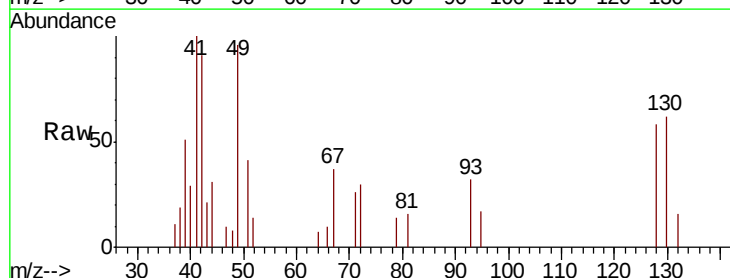
Tgt Ion: 49 Resp: 5974

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.8

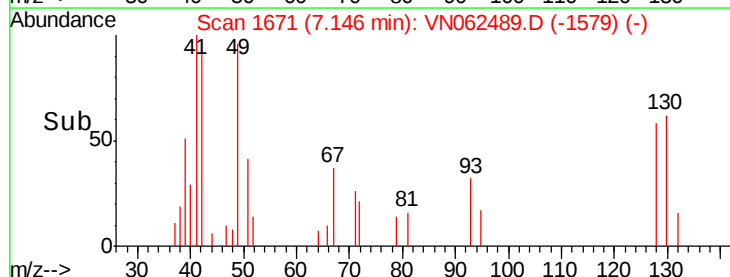
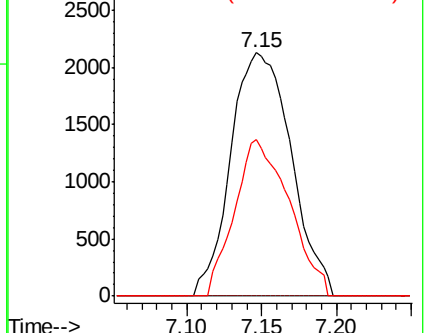
130 58.3 46.5 69.7

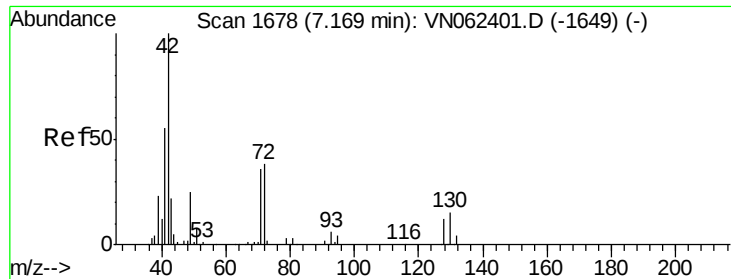


Abundance Ion 48.90 (48.60 to 49.60): VN062401.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN062401.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN062401.D (-1651) (-)

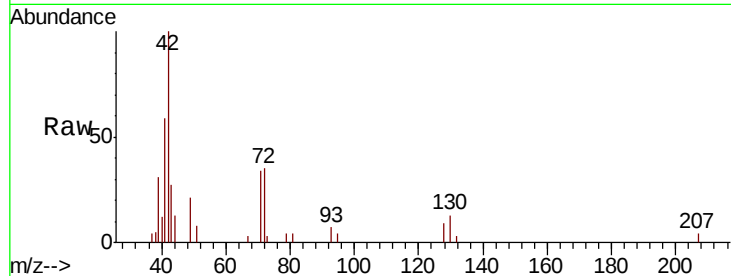




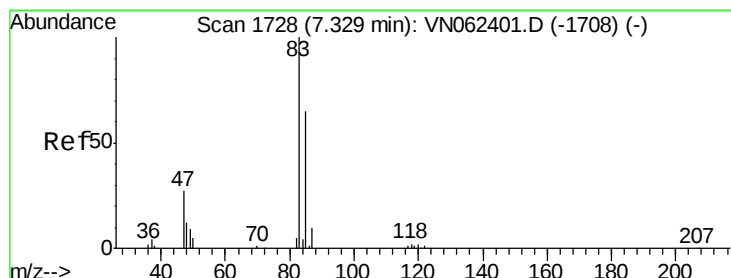
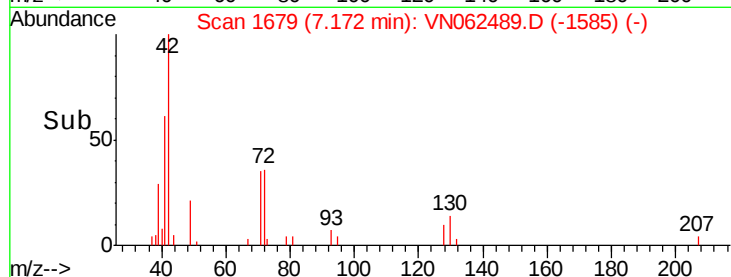
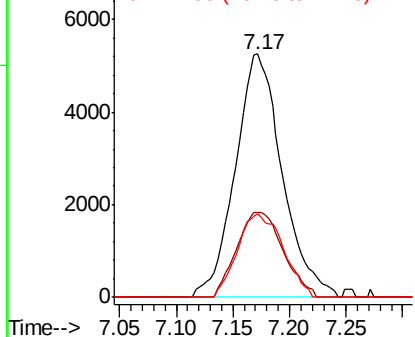
#29
Tetrahydrofuran
Concen: 12.392 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 15196
Ion Ratio Lower Upper
42 100
72 34.4 29.1 43.7
71 33.3 28.1 42.1

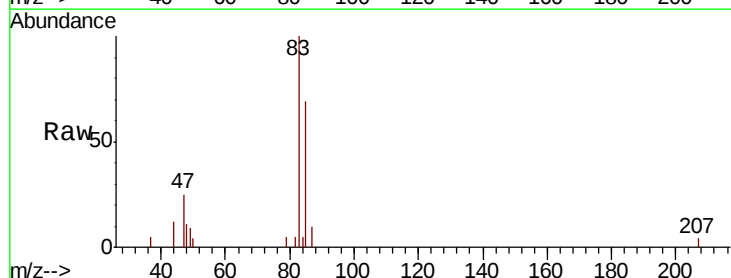


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

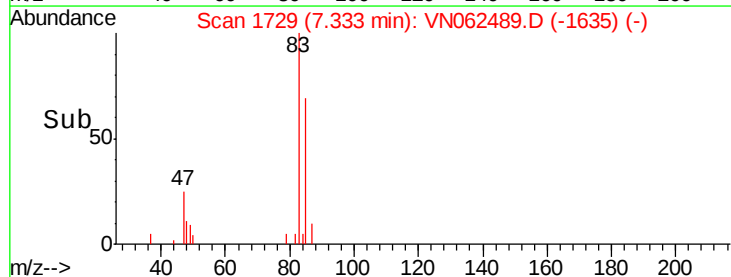
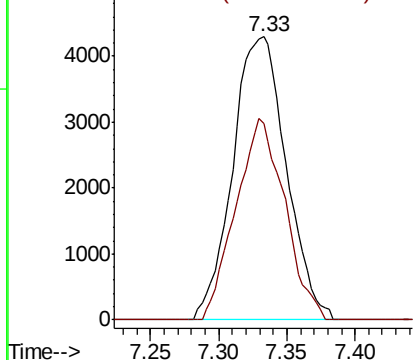


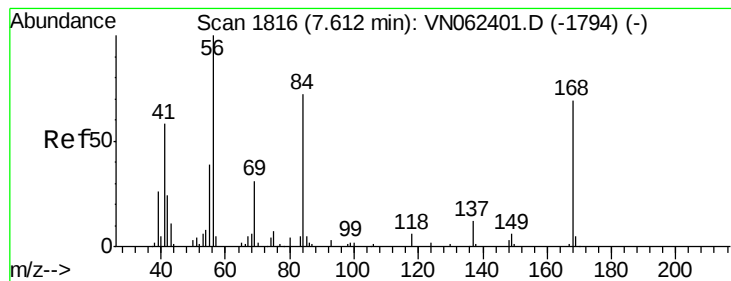
#30
Chloroform
Concen: 2.758 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 83 Resp: 11722
Ion Ratio Lower Upper
83 100
85 69.5 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: 3.365 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

ClientSampled :

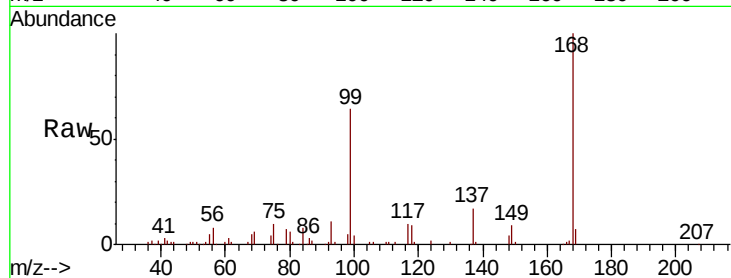
Tot Ion: 56 Resp: 15013

Ion Ratio Lower Upper

56 100

69 71.8 24.5 36.7#

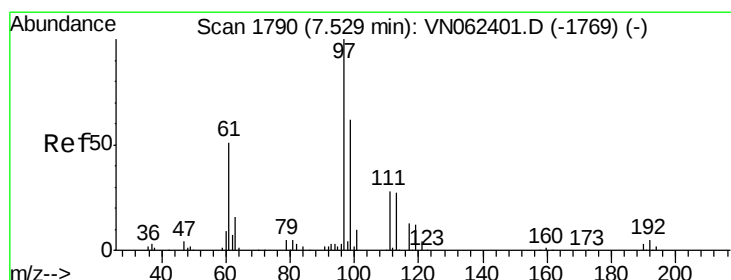
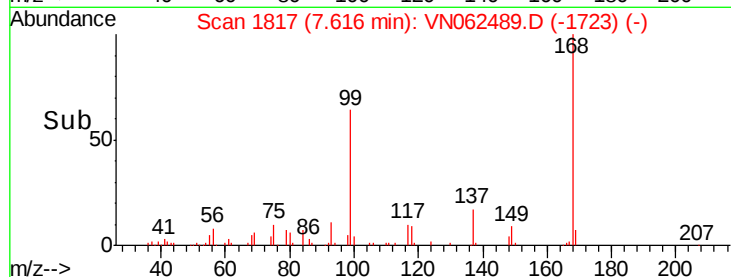
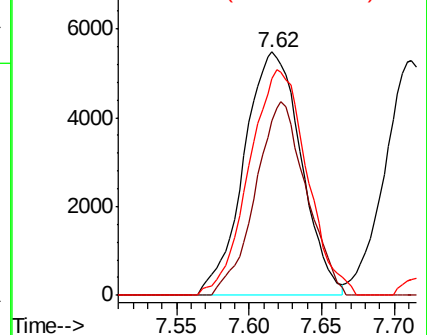
84 88.9 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VN062401.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062401.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062401.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 2.723 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

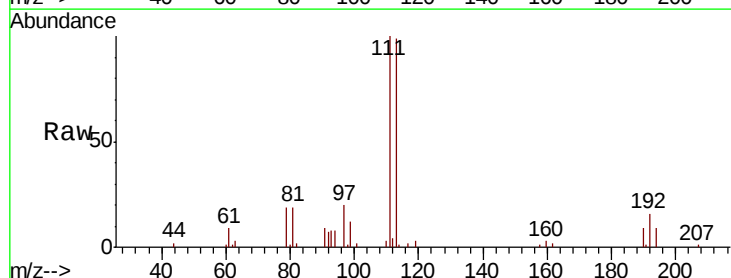
Tgt Ion: 97 Resp: 9626

Ion Ratio Lower Upper

97 100

99 63.3 50.4 75.6

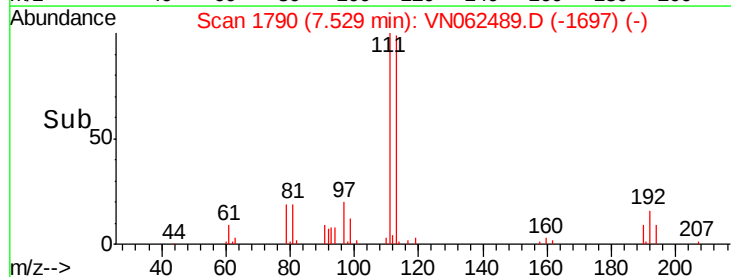
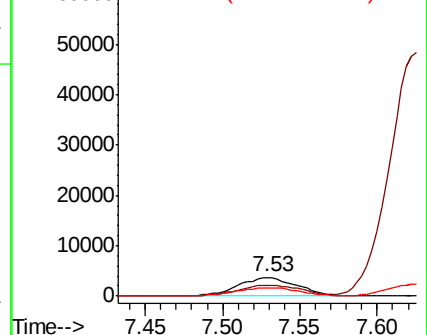
61 49.3 39.9 59.9

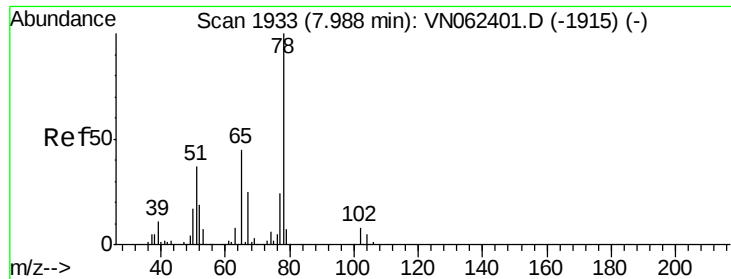


Abundance Ion 96.90 (96.60 to 97.60): VN062401.D (-1769) (-)

Ion 98.90 (98.60 to 99.60): VN062401.D (-1769) (-)

Ion 60.90 (60.60 to 61.60): VN062401.D (-1769) (-)

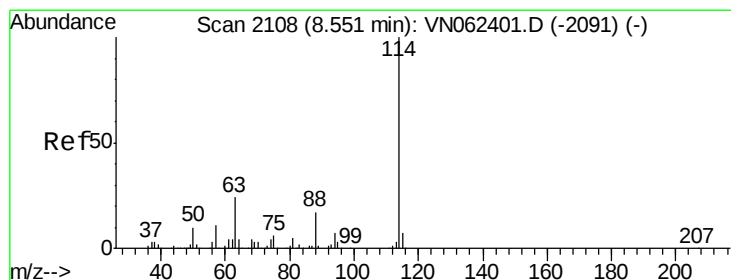
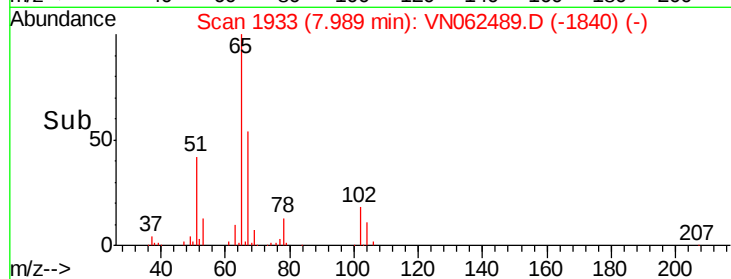
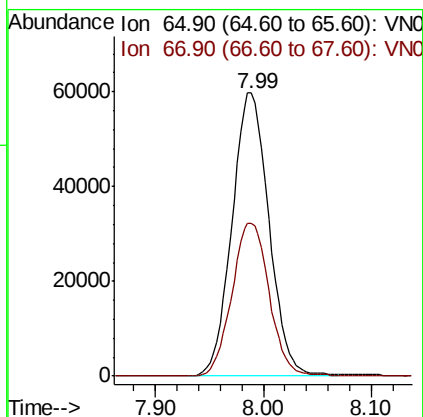
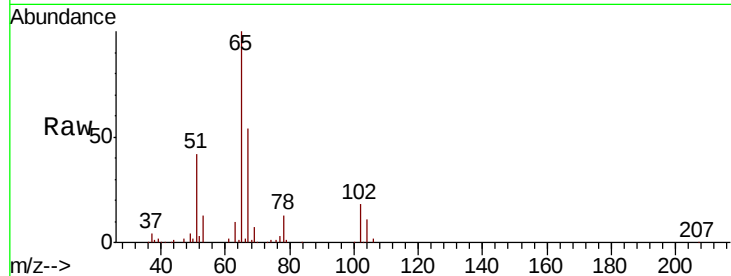




#33
 1,2-Dichloroethane-d4
 Concen: 48.585 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

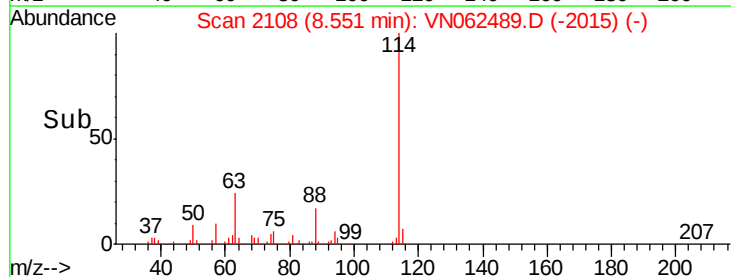
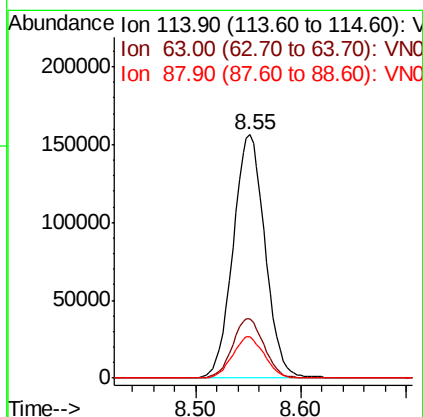
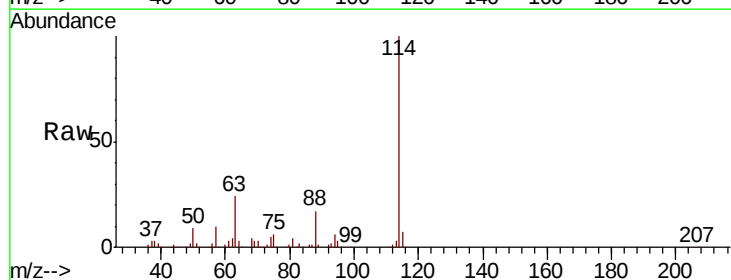
Instrument :
 MSVOA_N
 ClientSampleId :

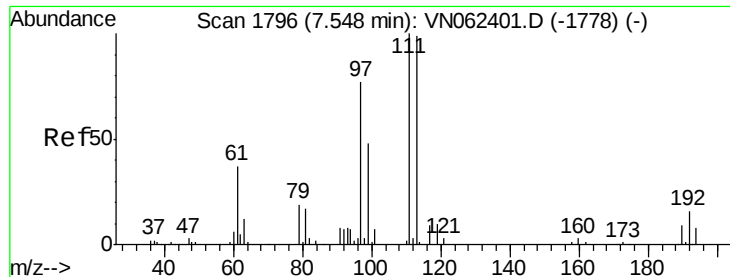
Tot Ion: 65 Resp: 142718
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Tgt Ion: 114 Resp: 327910
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 48.4
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.709 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :
MSVOA_N
ClientSampled :

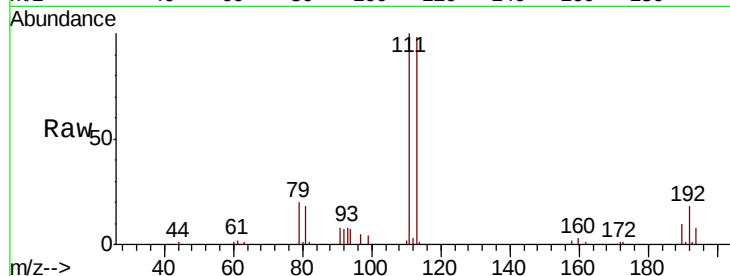
Tot Ion:113 Resp: 100757

Ion Ratio Lower Upper

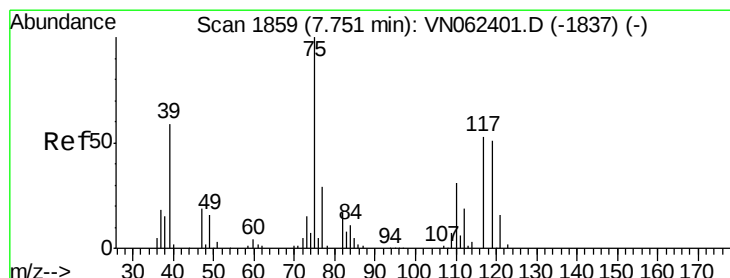
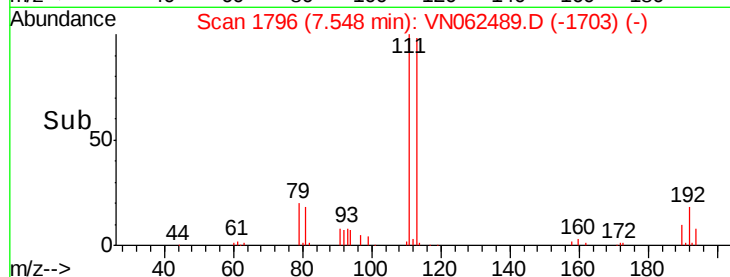
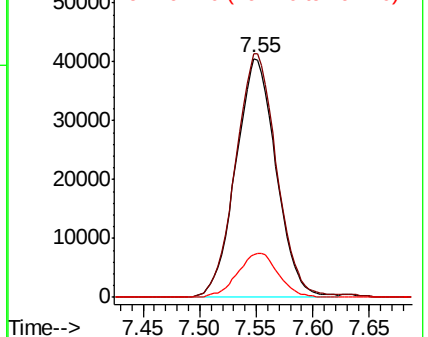
113 100

111 103.8 83.1 124.7

192 18.6 14.1 21.1



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



#36

1,1-Dichloropropene

Concen: 2.745 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

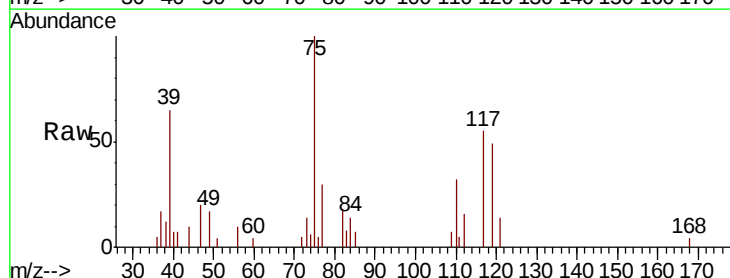
Tgt Ion: 75 Resp: 9067

Ion Ratio Lower Upper

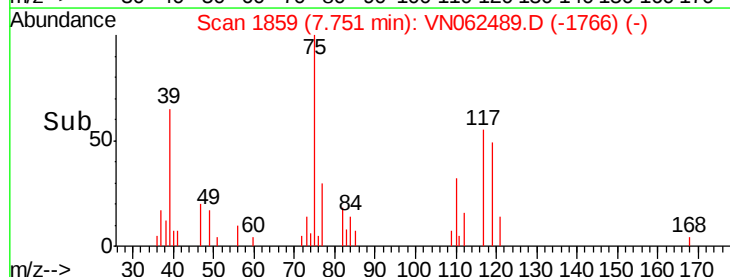
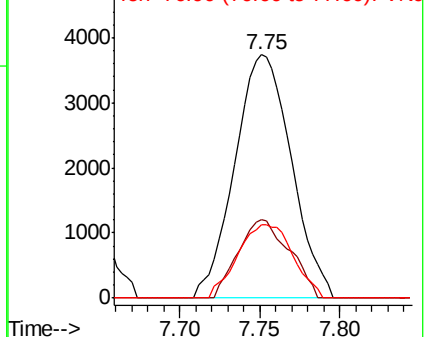
75 100

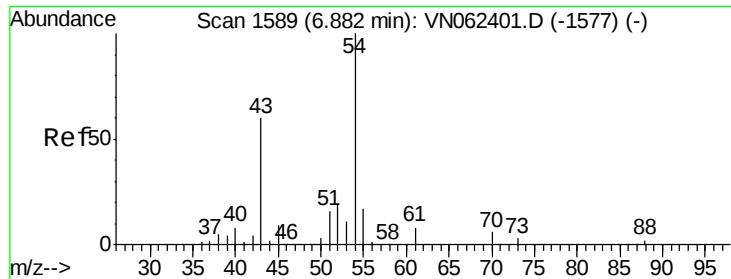
110 29.2 15.4 46.2

77 29.5 24.1 36.1



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

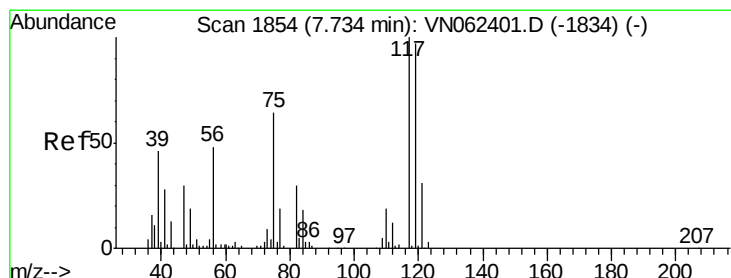
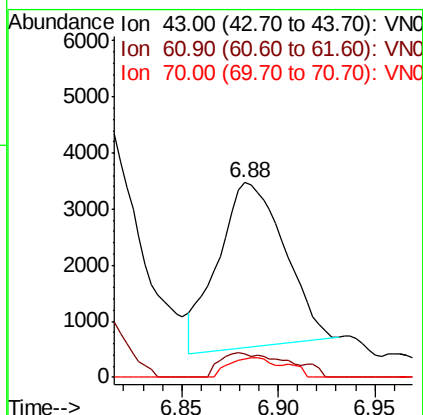
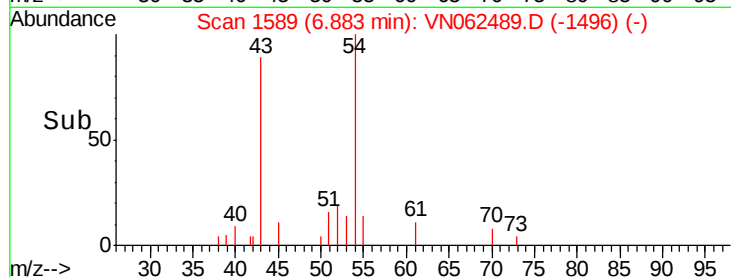
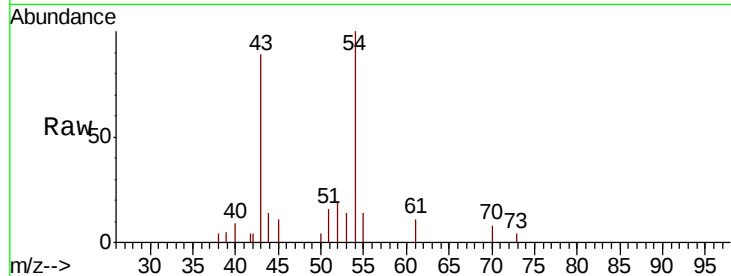




#37
Ethyl Acetate
Concen: 1.817 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

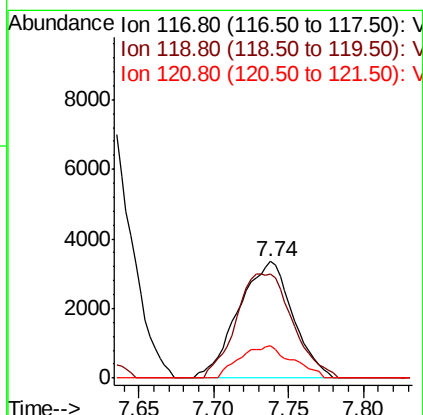
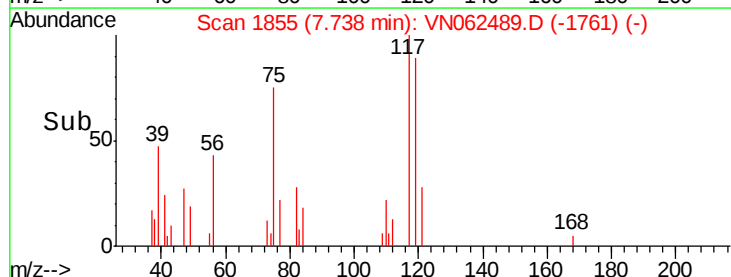
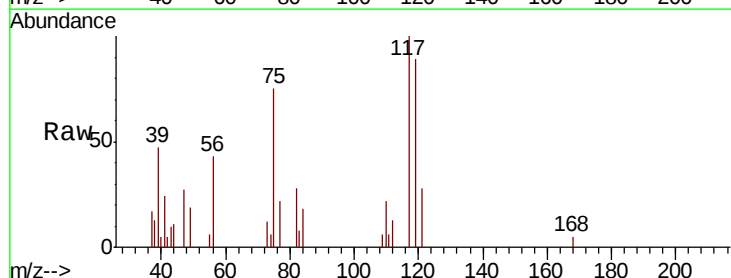
Instrument :
MSVOA_N
ClientSampled :

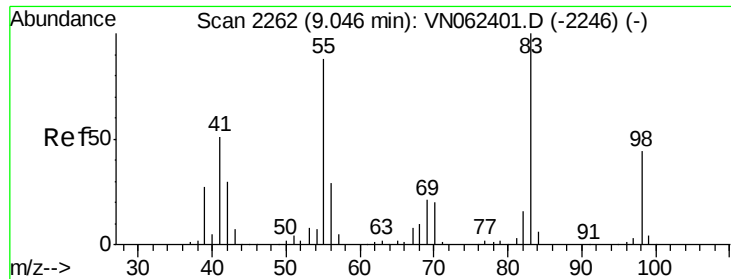
Tot Ion: 43 Resp: 7018
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 10.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 2.852 ug/l
RT: 7.74 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 117 Resp: 8471
Ion Ratio Lower Upper
117 100
119 88.9 77.2 115.8
121 27.5 24.8 37.2

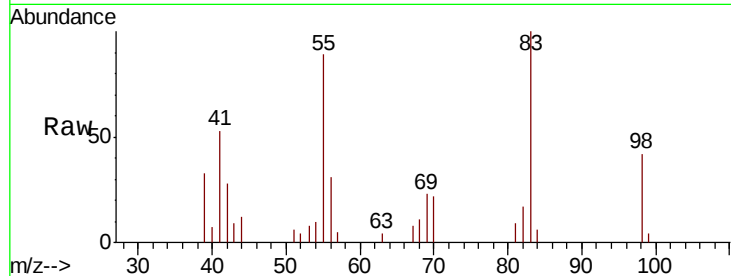




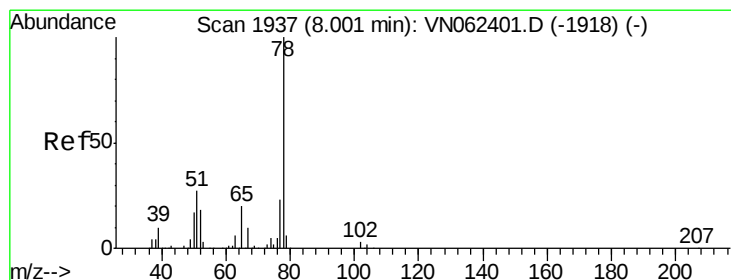
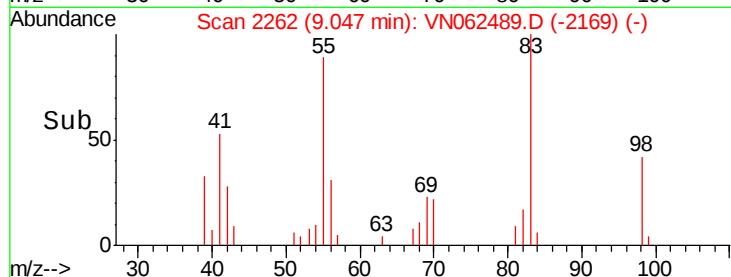
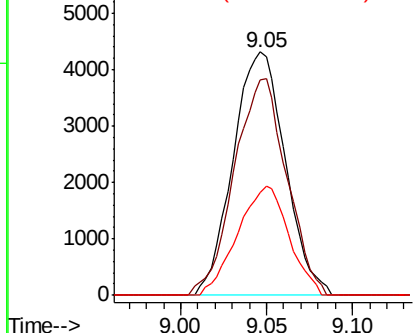
#39
Methvlcvclohexane
Concen: 2.582 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 9105
Ion Ratio Lower Upper
83 100
55 88.6 70.5 105.7
98 42.3 35.5 53.3

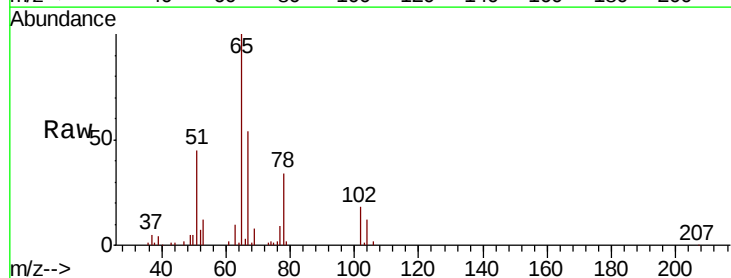


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

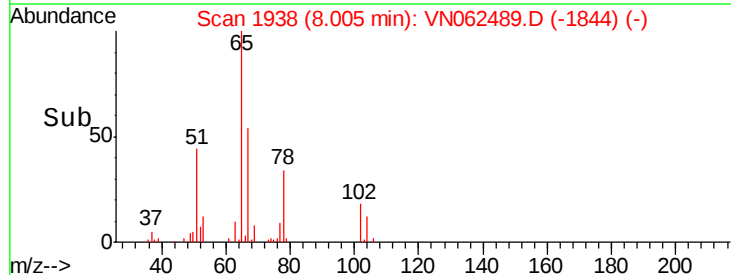
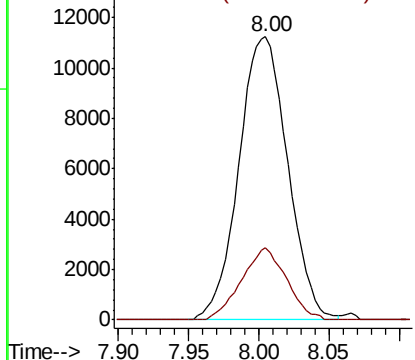


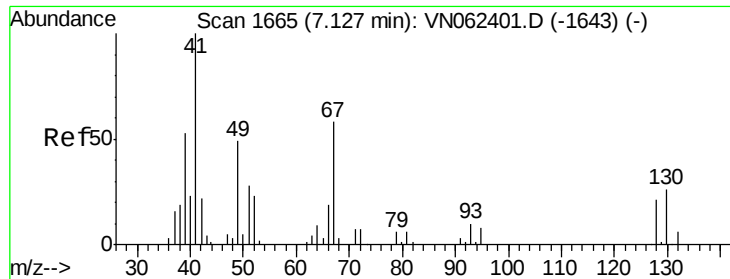
#40
Benzene
Concen: 2.789 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 78 Resp: 27159
Ion Ratio Lower Upper
78 100
77 25.6 18.7 28.1



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

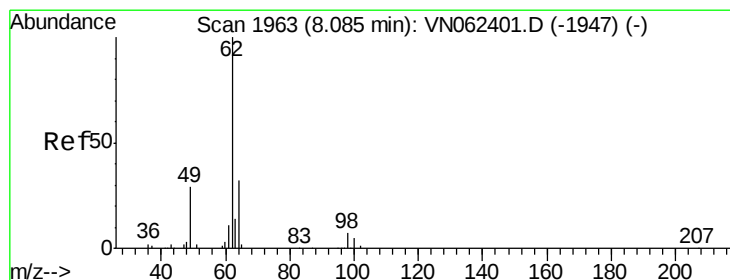
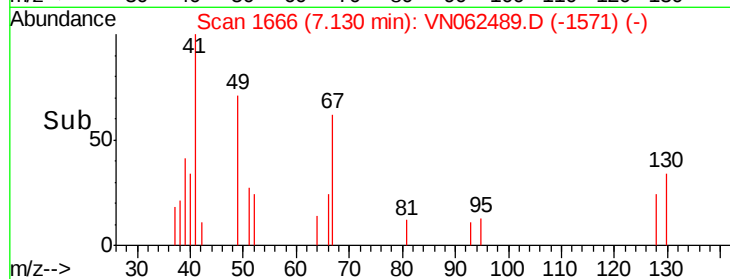
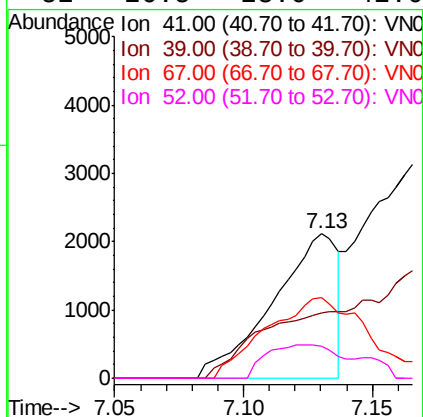
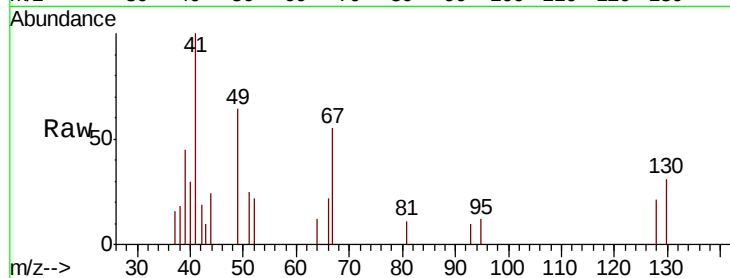




#41
Methacrylonitrile
Concen: 2.285 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

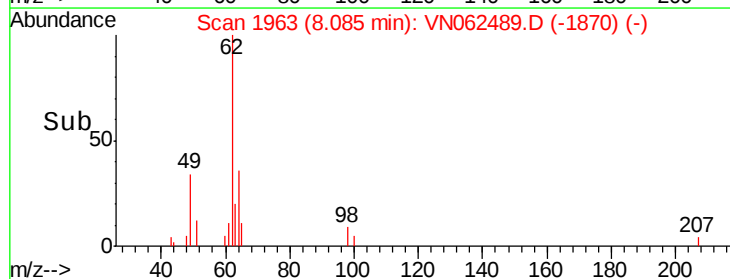
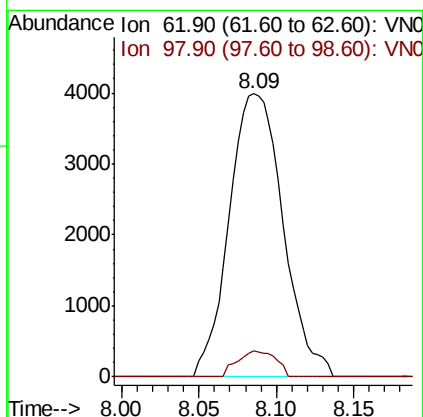
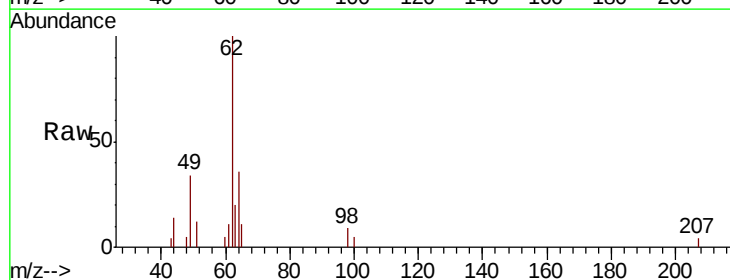
Instrument :
MSVOA_N
ClientSampled :

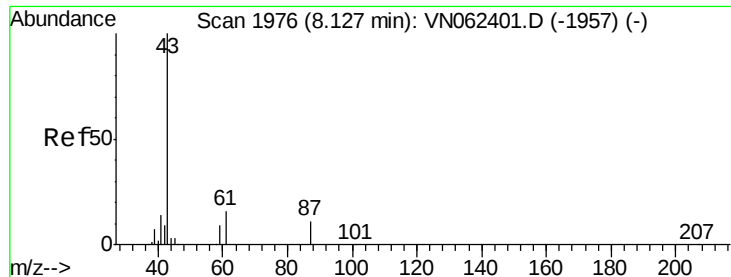
Tot Ion: 41 Resp: 3688
Ion Ratio Lower Upper
41 100
39 0.0 50.2 75.2#
67 87.6 64.2 96.2
52 26.5 28.0 42.0#



#42
1,2-Dichloroethane
Concen: 2.706 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 62 Resp: 9646
Ion Ratio Lower Upper
62 100
98 6.5 0.0 15.8





#43

Isopropyl Acetate

Concen: 2.601 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

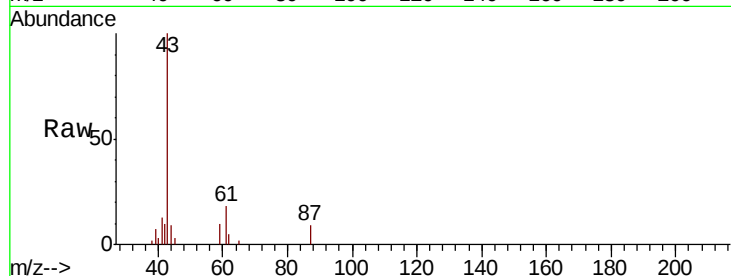
Tot Ion: 43 Resp: 15873

Ion Ratio Lower Upper

43 100

61 17.2 19.3 28.9#

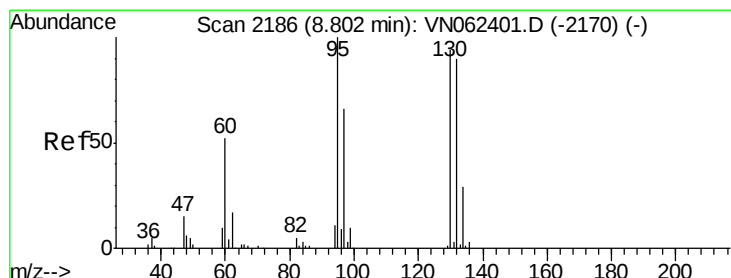
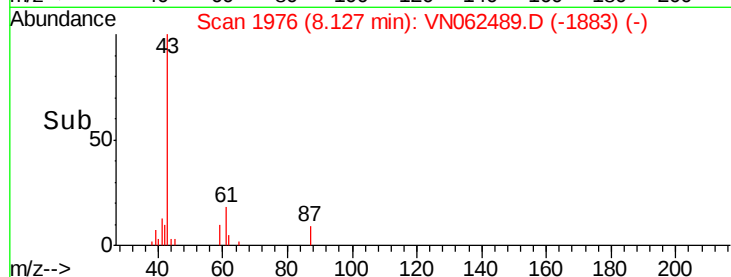
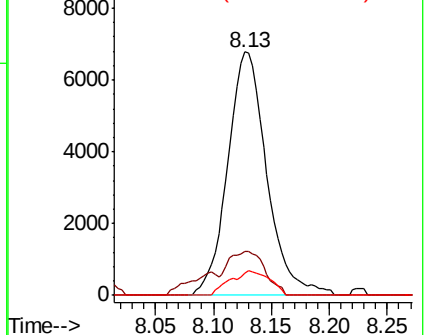
87 10.0 8.6 13.0



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: 2.782 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062489.D

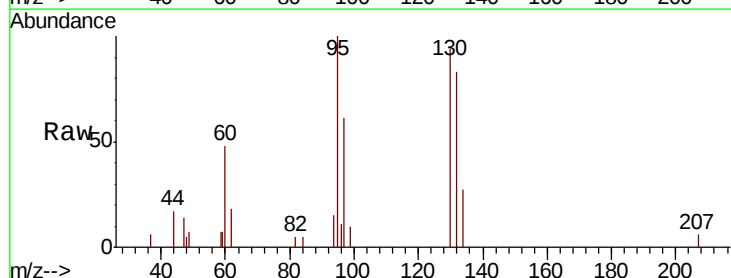
Acq: 10 Jul 2020 13:30

Tgt Ion: 130 Resp: 6009

Ion Ratio Lower Upper

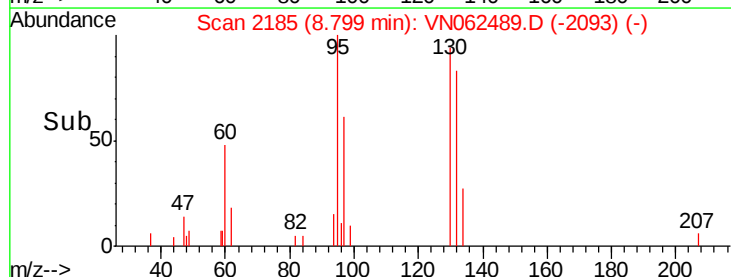
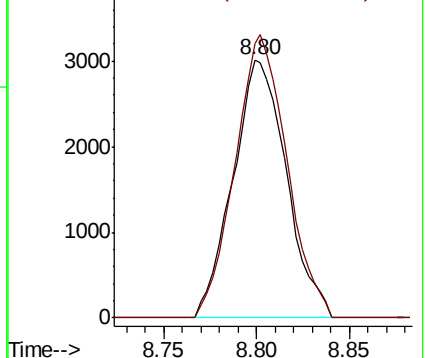
130 100

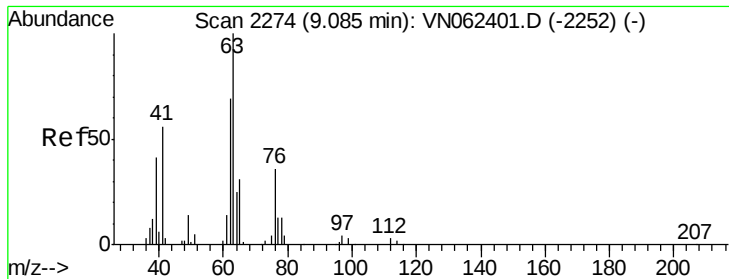
95 106.2 0.0 213.8



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: 2.703 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

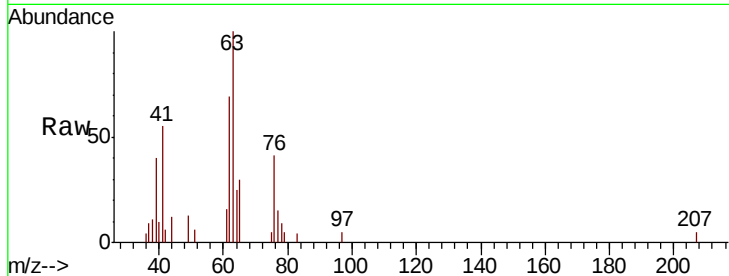
ClientSampled :

Tot Ion: 63 Resp: 7641

Ion Ratio Lower Upper

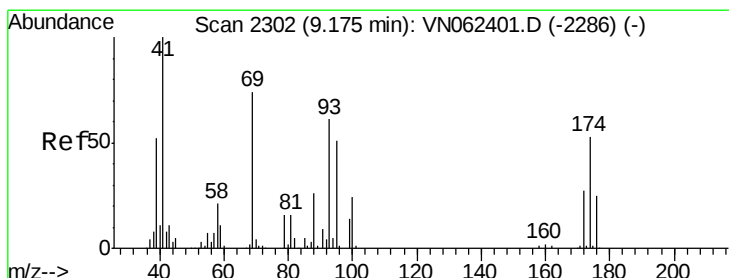
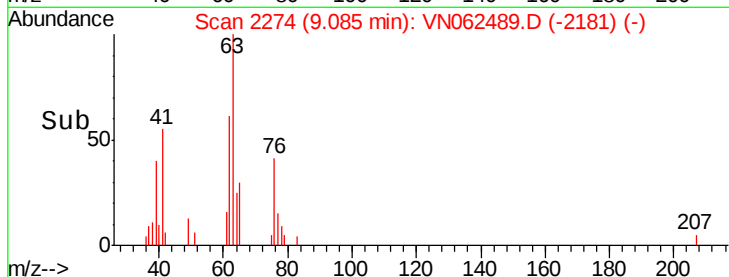
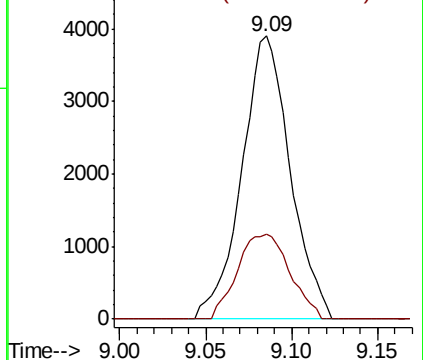
63 100

65 29.9 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: 2.839 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

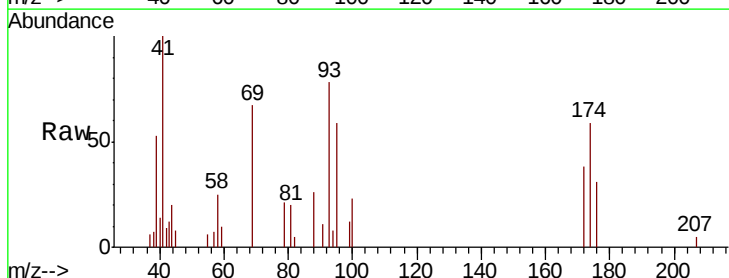
Tgt Ion: 93 Resp: 4528

Ion Ratio Lower Upper

93 100

95 79.9 67.1 100.7

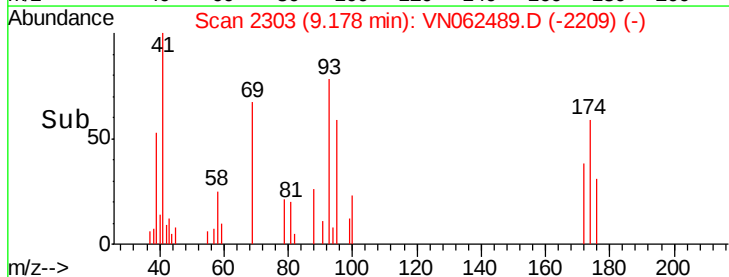
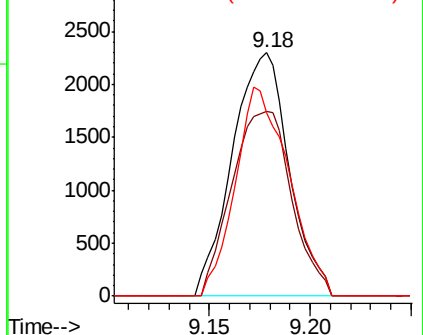
174 81.0 70.4 105.6

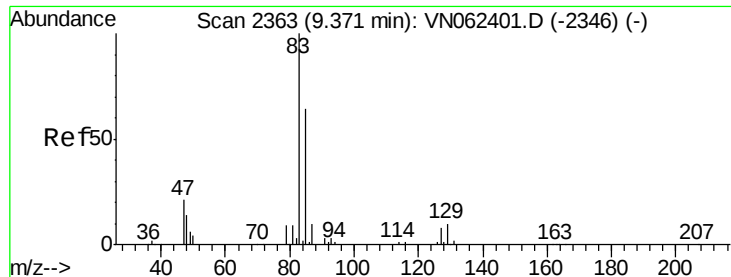


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

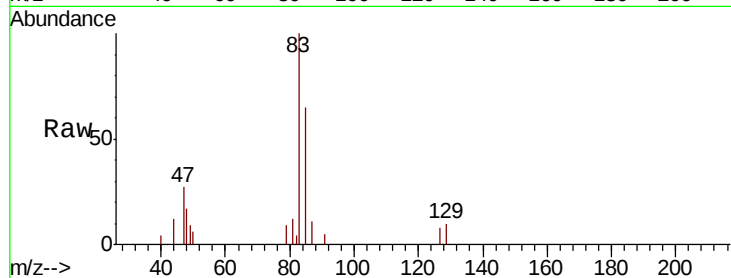




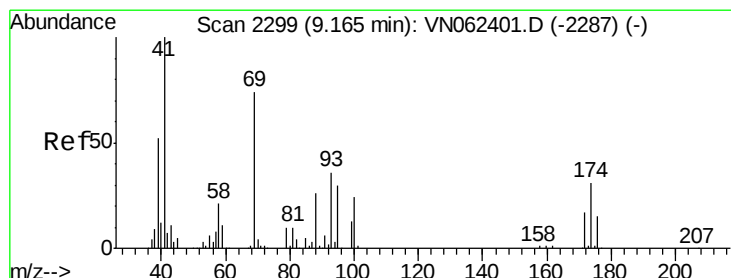
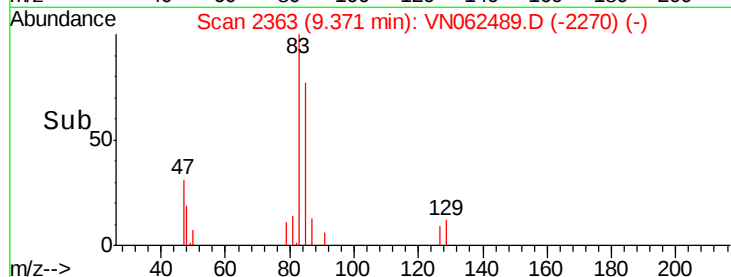
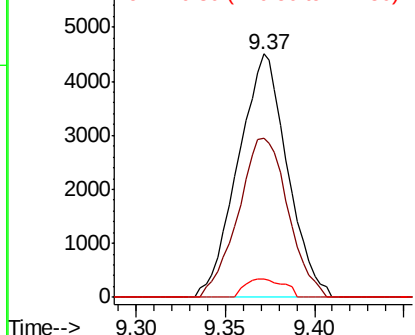
#47
 Bromodichloromethane
 Concen: 2.546 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 83 Resp: 8684
 Ion Ratio Lower Upper
 83 100
 85 65.3 51.2 76.8
 127 7.7 6.2 9.2

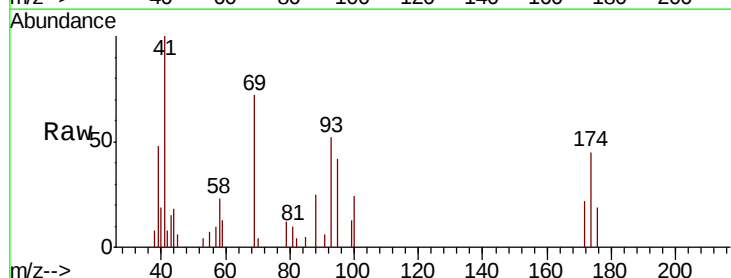


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

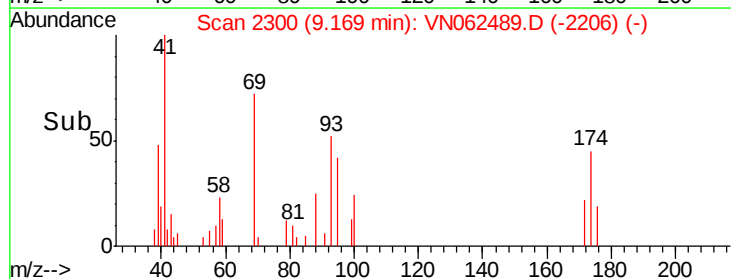
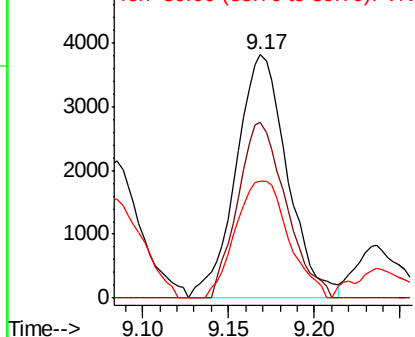


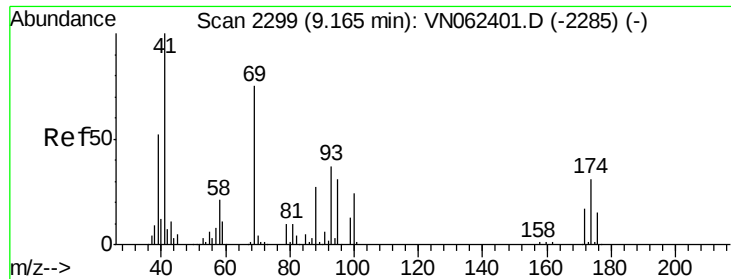
#48
 Methyl methacrylate
 Concen: 2.642 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Tgt Ion: 41 Resp: 7909
 Ion Ratio Lower Upper
 41 100
 69 68.1 60.8 91.2
 39 49.6 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

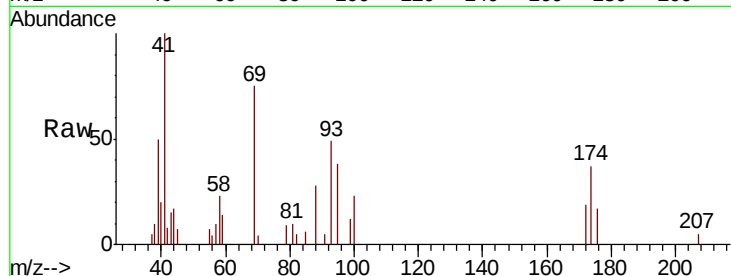




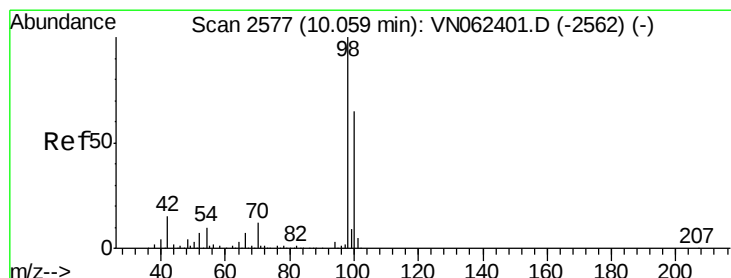
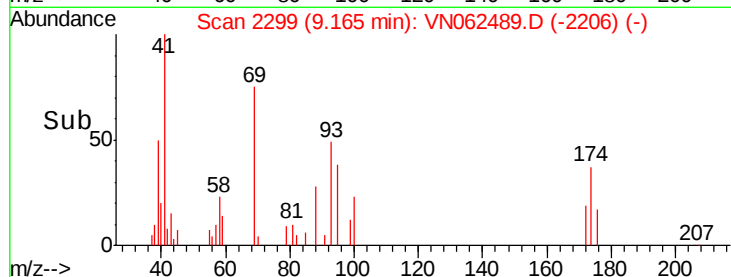
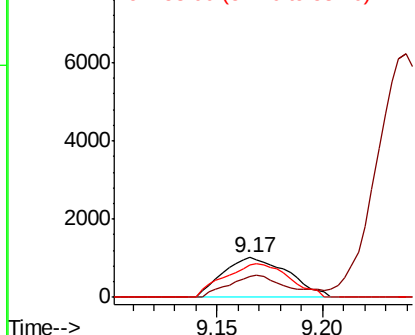
#49
1,4-Dioxane
Concen: 50.149 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 2185
Ion Ratio Lower Upper
88 100
43 51.4 31.0 46.4#
58 84.3 63.3 94.9

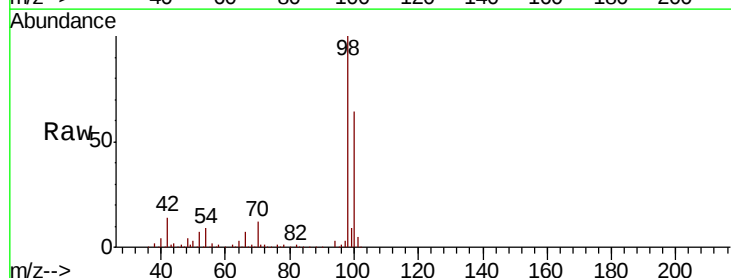


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

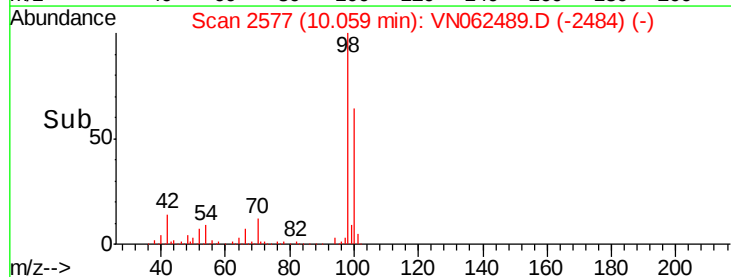
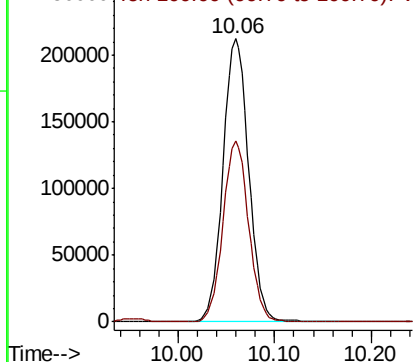


#50
Toluene-d8
Concen: 48.983 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 98 Resp: 391948
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

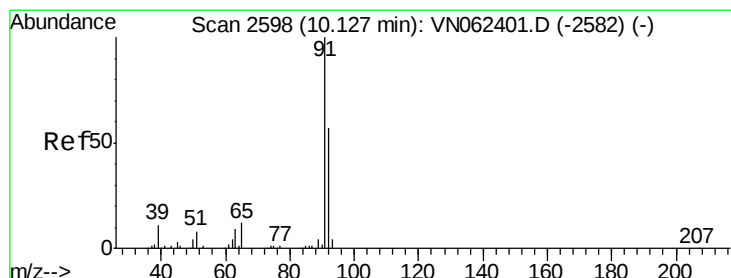
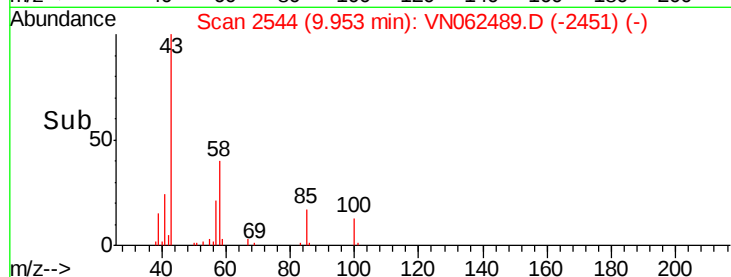
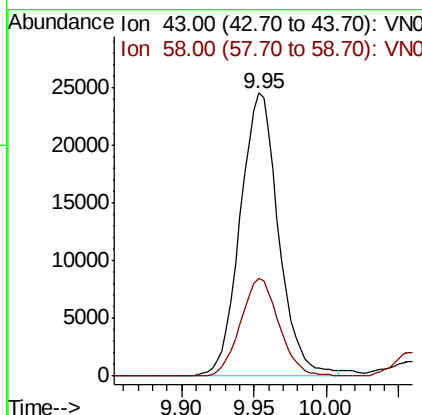
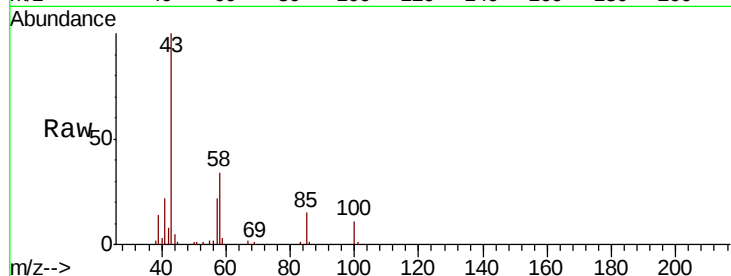




#51
 4-Methyl-2-Pentanone
 Concen: 12.455 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

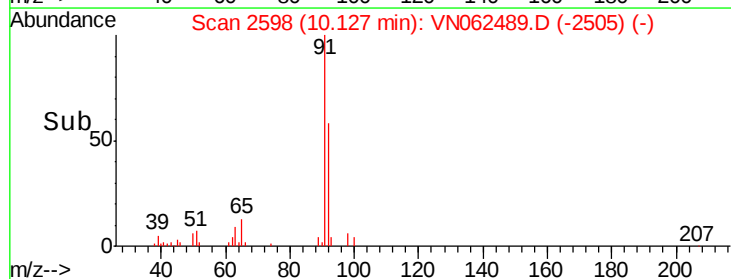
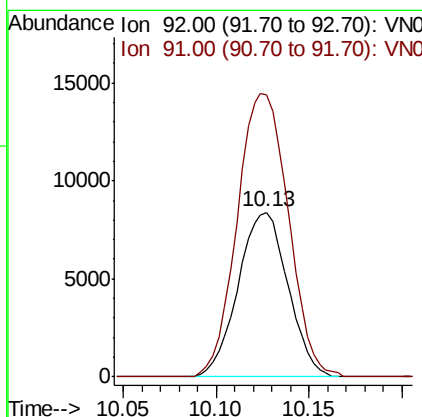
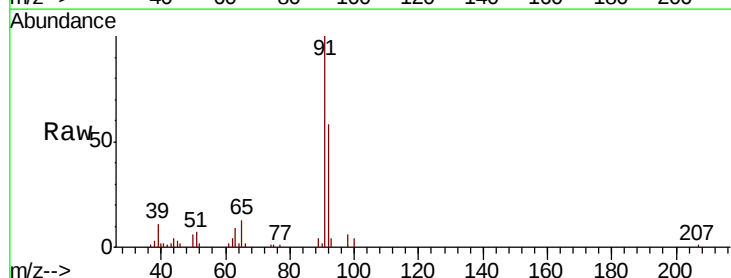
Instrument :
 MSVOA_N
 ClientSampled :

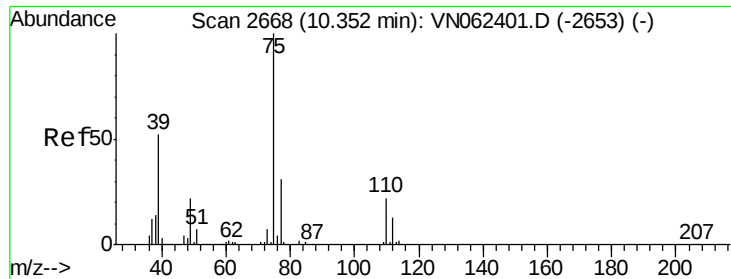
Tot Ion: 43 Resp: 45397
 Ion Ratio Lower Upper
 43 100
 58 34.4 29.0 43.6



#52
 Toluene
 Concen: 2.785 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Tgt Ion: 92 Resp: 15664
 Ion Ratio Lower Upper
 92 100
 91 176.6 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 2.478 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

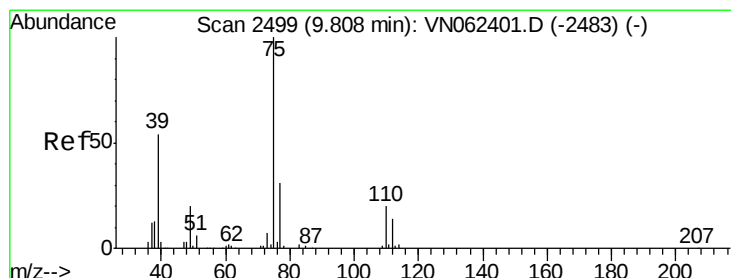
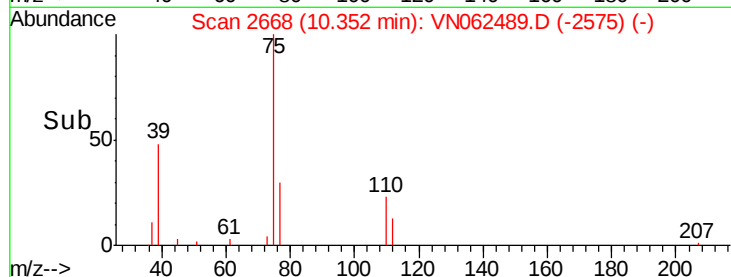
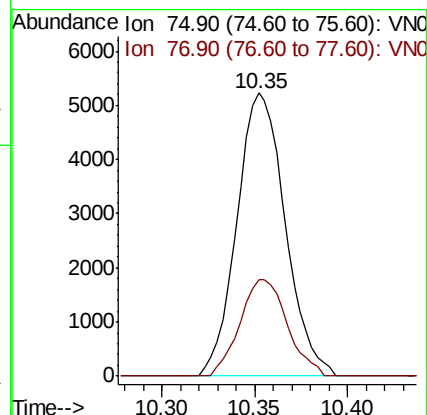
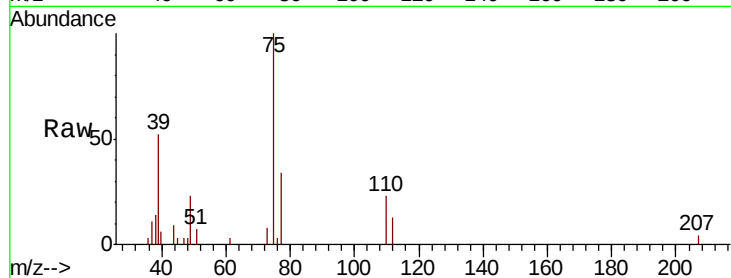
ClientSampleId :

Tot Ion: 75 Resp: 9468

Ion Ratio Lower Upper

75 100

77 33.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 2.476 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

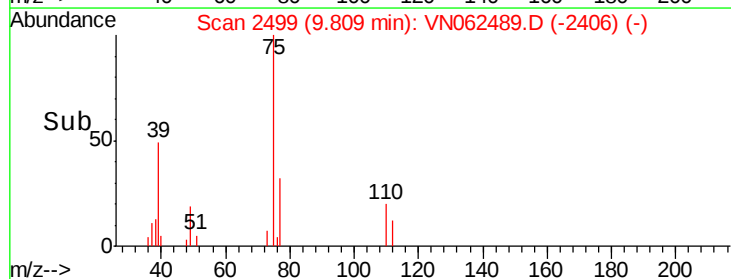
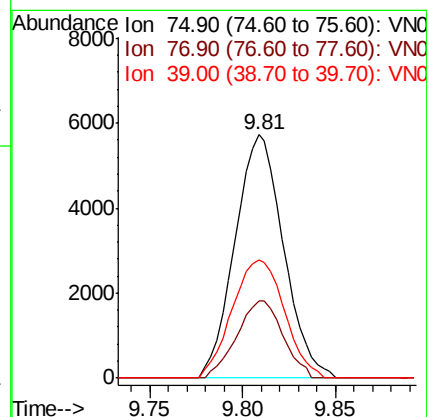
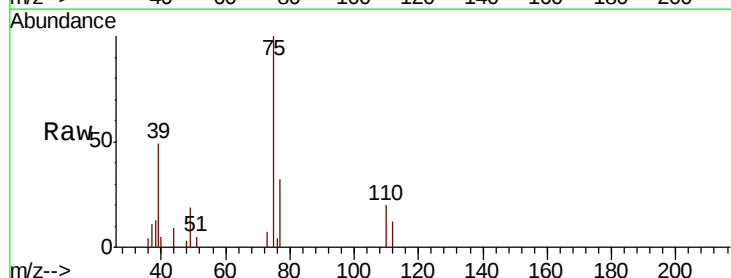
Tgt Ion: 75 Resp: 10437

Ion Ratio Lower Upper

75 100

77 31.8 24.5 36.7

39 48.8 43.4 65.0

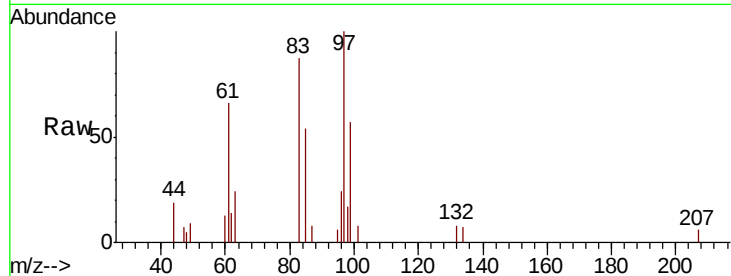




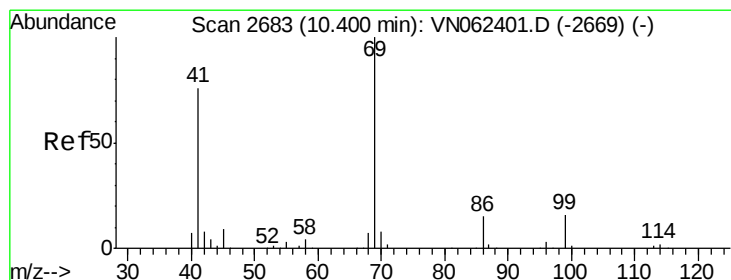
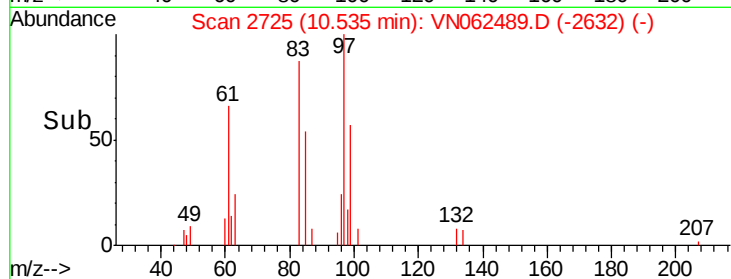
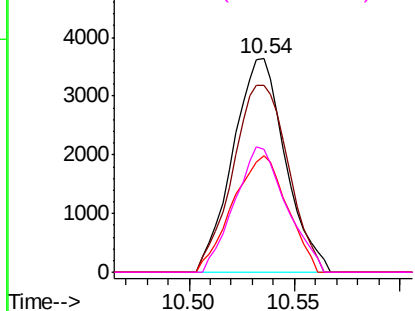
#55
 1,1,2-Trichloroethane
 Concen: 2.855 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 6316
 Ion Ratio Lower Upper
 97 100
 83 87.4 71.0 106.4
 85 54.4 46.2 69.4
 99 57.4 49.7 74.5

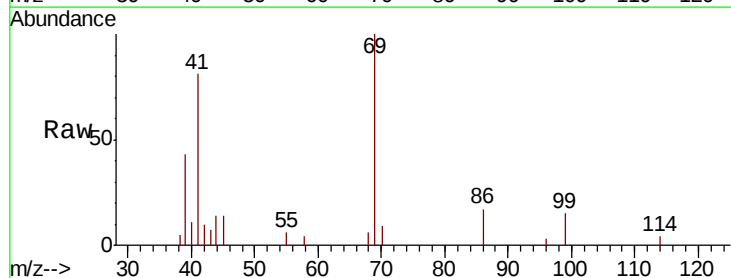


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

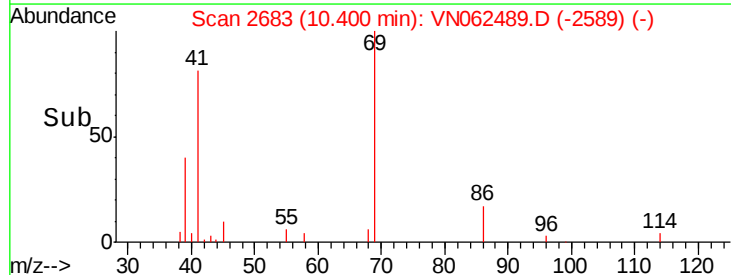
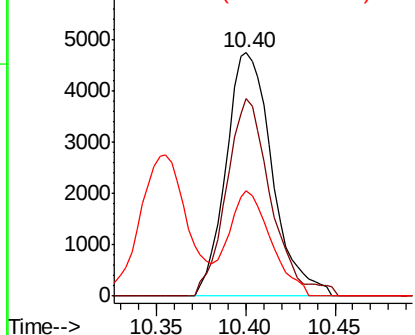


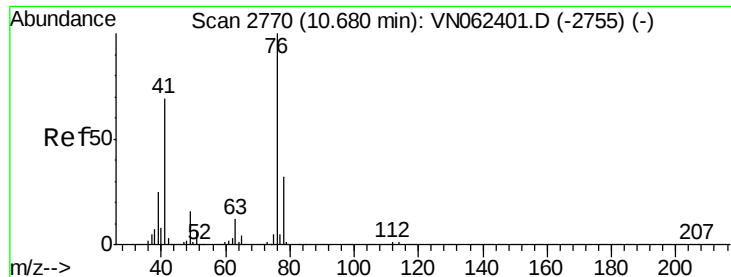
#56
 Ethyl methacrylate
 Concen: 2.320 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Tgt Ion: 69 Resp: 8576
 Ion Ratio Lower Upper
 69 100
 41 78.1 59.7 89.5
 39 40.0 30.6 45.8



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

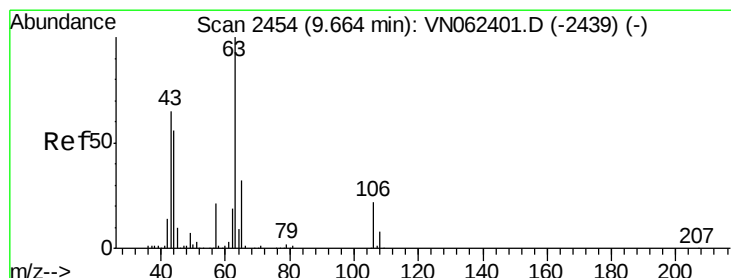
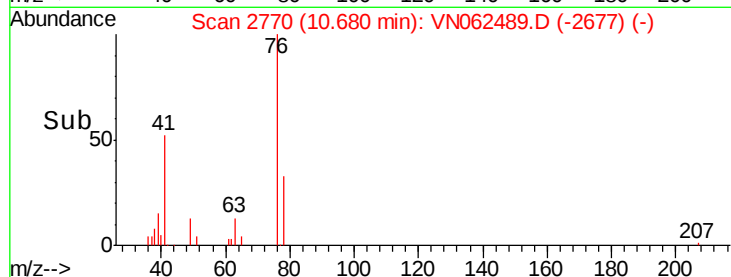
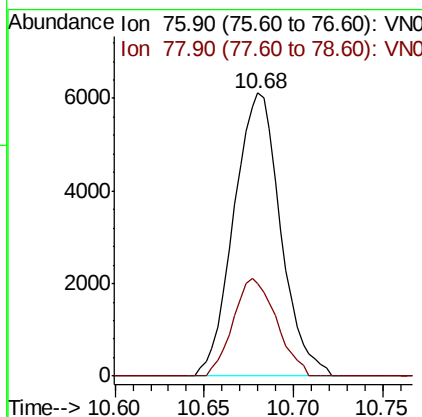
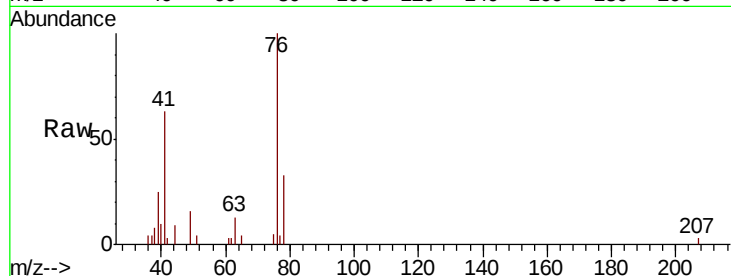




#57
 1,3-Dichloropropane
 Concen: 2.731 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

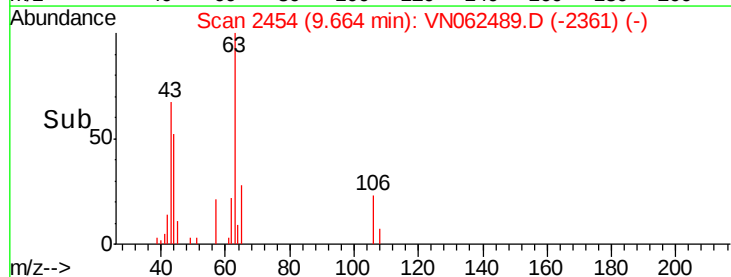
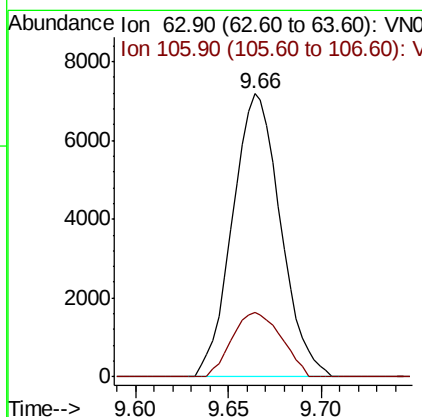
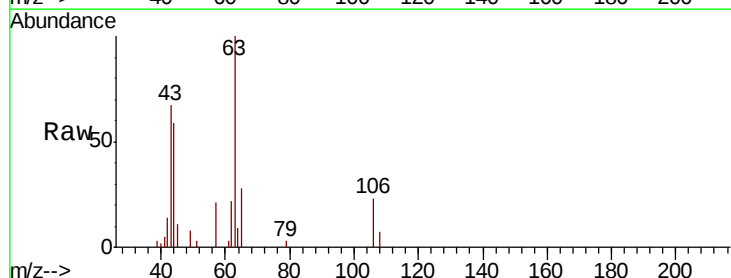
Instrument :
 MSVOA_N
 ClientSampled :

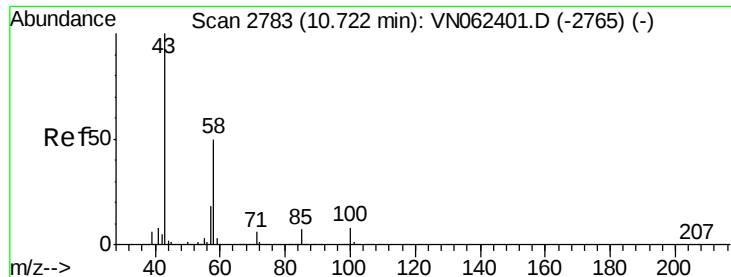
Tot Ion: 76 Resp: 11159
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 9.837 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Tgt Ion: 63 Resp: 12909
 Ion Ratio Lower Upper
 63 100
 106 23.3 17.6 26.4

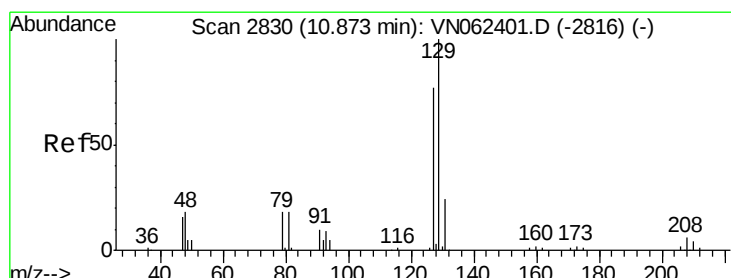
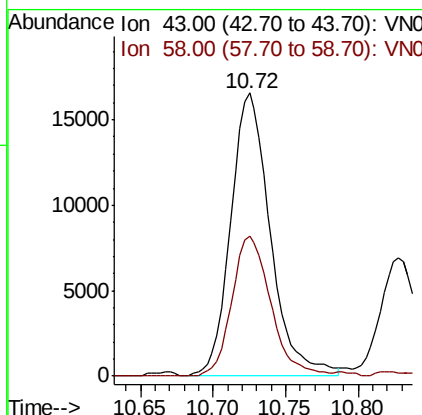
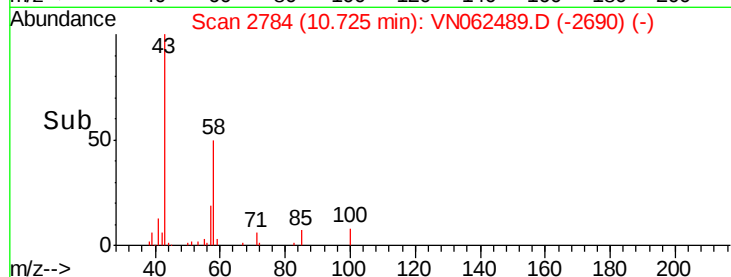
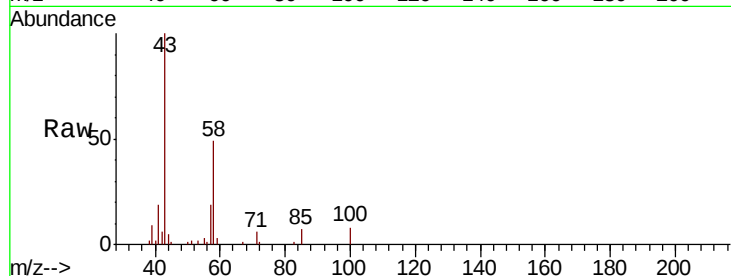




#59
2-Hexanone
Concen: 11.903 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

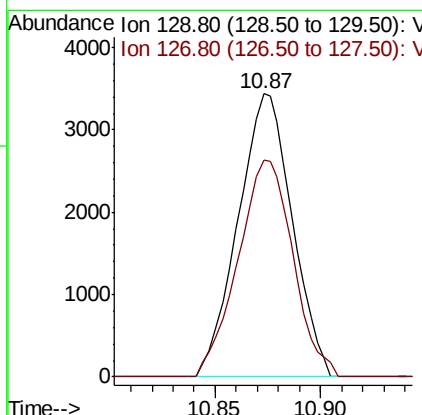
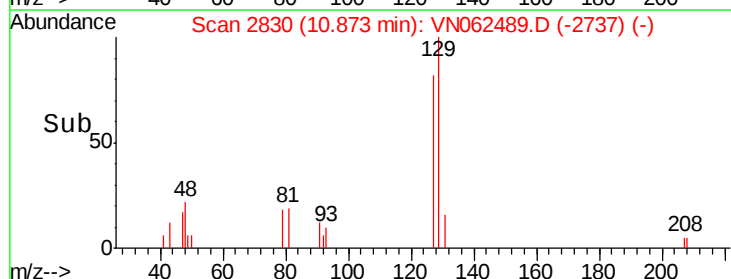
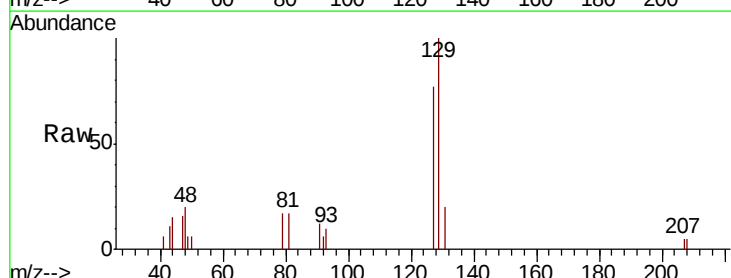
Instrument :
MSVOA_N
ClientSampled :

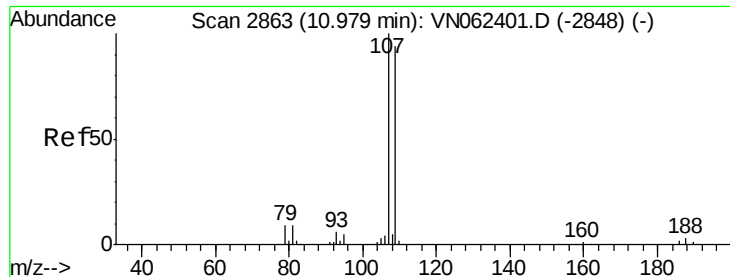
Tot Ion: 43 Resp: 31496
Ion Ratio Lower Upper
43 100
58 48.2 25.1 75.2



#60
Dibromochloromethane
Concen: 2.556 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 129 Resp: 6129
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 2.714 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

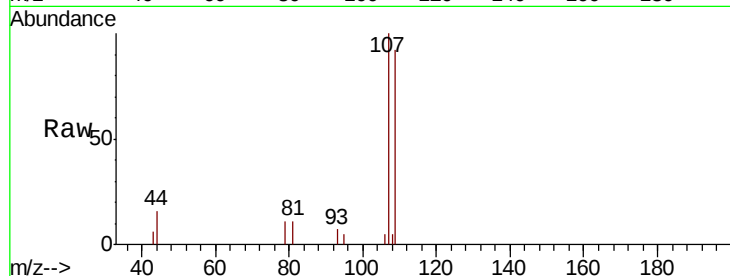
ClientSampled :

Tot Ion:107 Resp: 6060

Ion Ratio Lower Upper

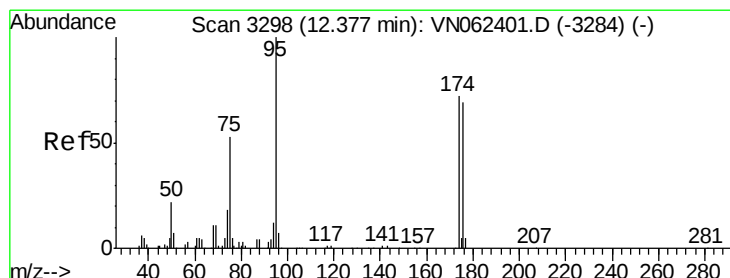
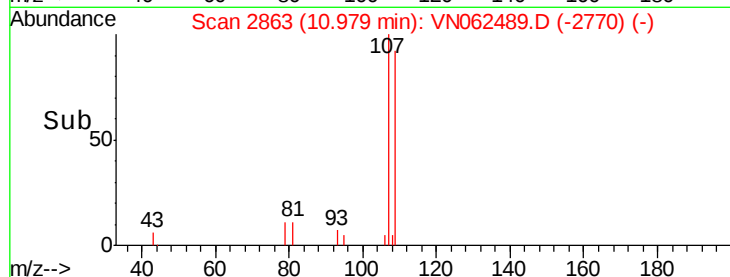
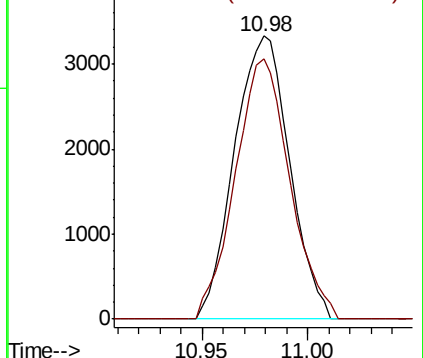
107 100

109 91.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.006 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

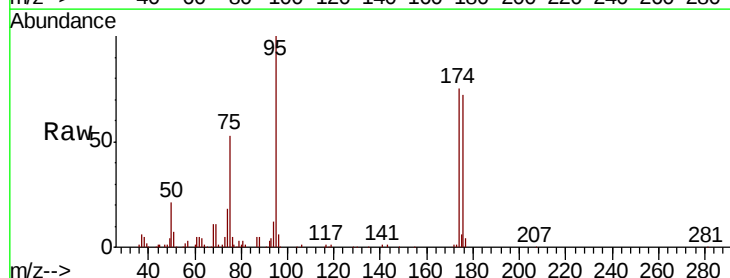
Tgt Ion: 95 Resp: 131602

Ion Ratio Lower Upper

95 100

174 72.6 0.0 141.6

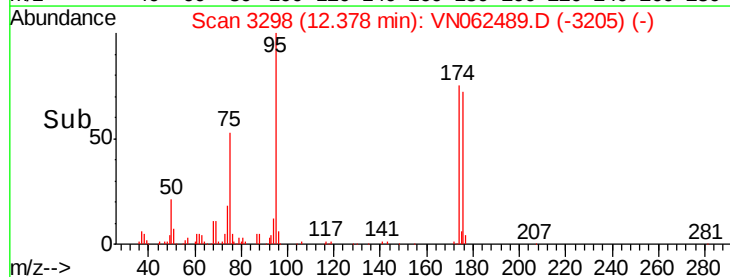
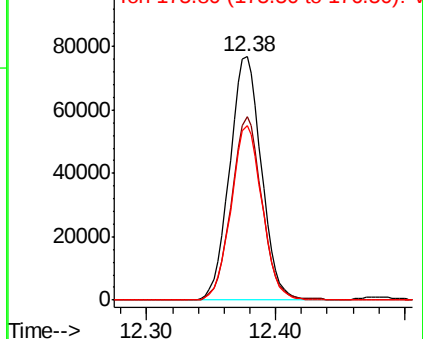
176 70.2 0.0 137.2

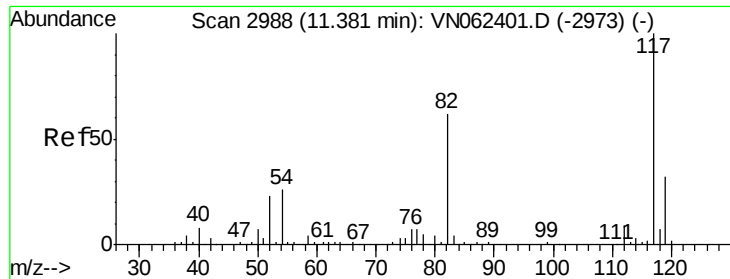


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

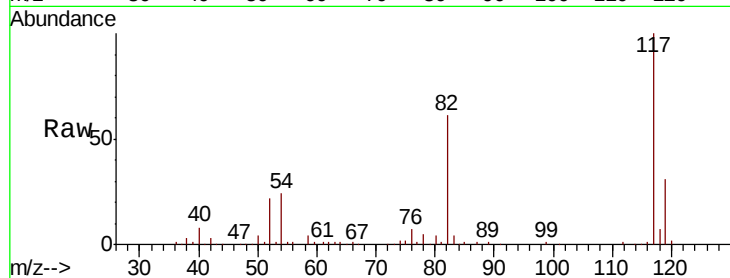
Tot Ion:117 Resp: 297026

Ion Ratio Lower Upper

117 100

82 61.4 49.6 74.4

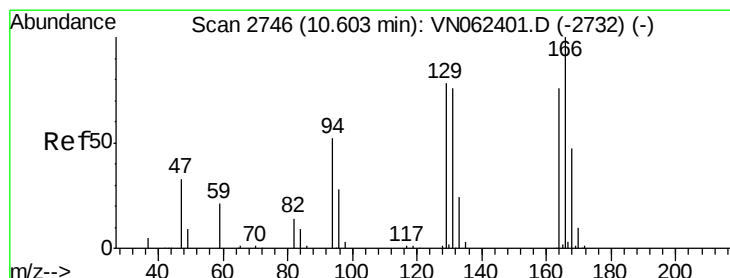
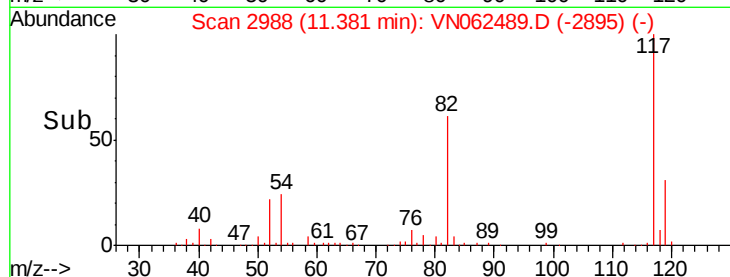
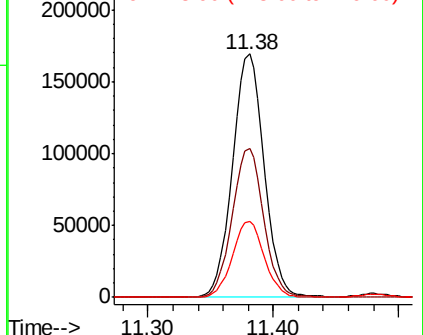
119 31.2 25.4 38.0



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: 2.816 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Tgt Ion:164 Resp: 4964

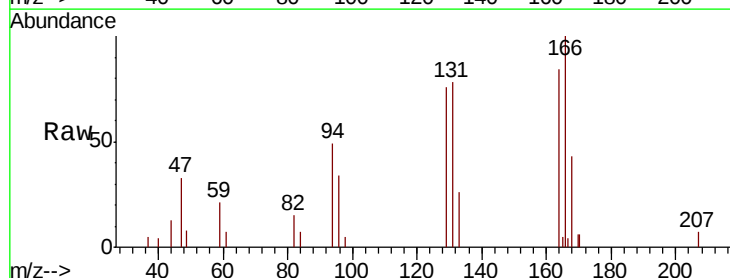
Ion Ratio Lower Upper

164 100

166 118.7 104.9 157.3

129 90.4 81.8 122.6

131 92.3 79.3 118.9

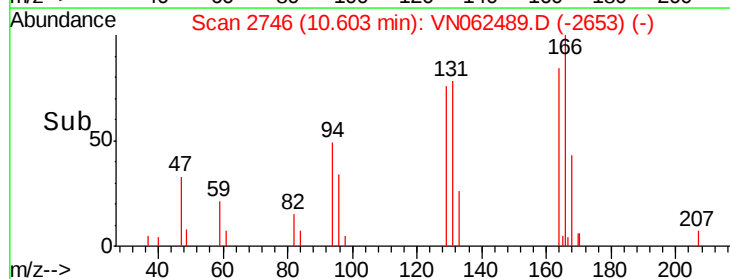
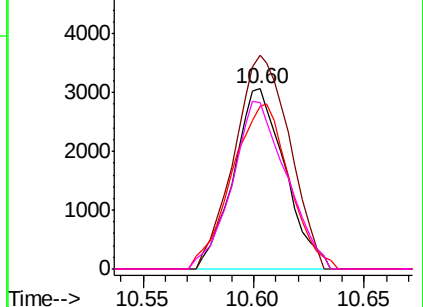


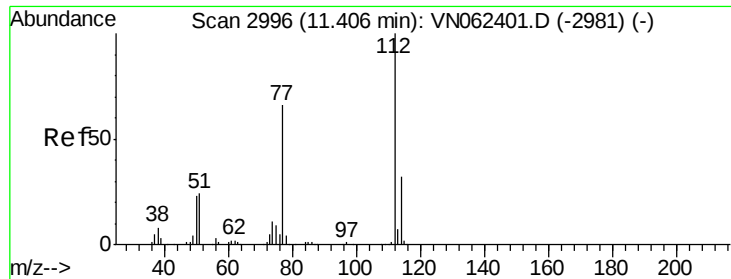
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 2.792 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

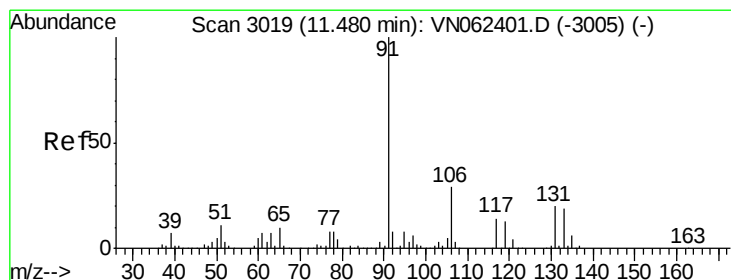
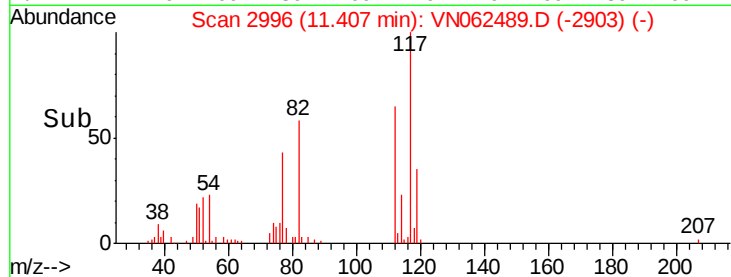
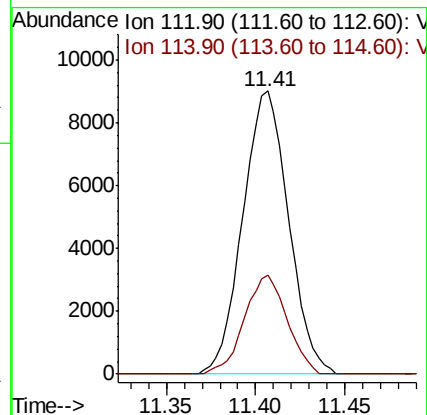
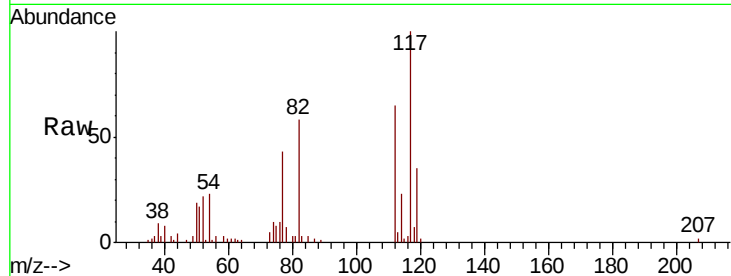
ClientSampleId :

Tot Ion:112 Resp: 16120

Ion Ratio Lower Upper

112 100

114 35.0 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 2.684 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

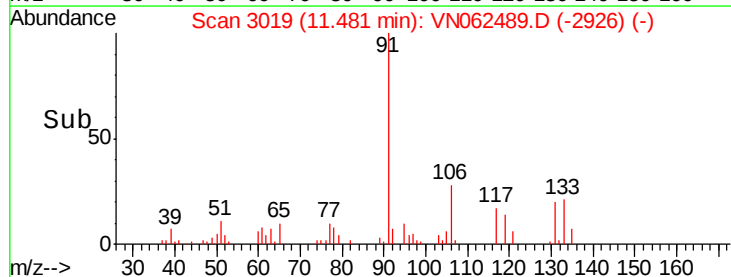
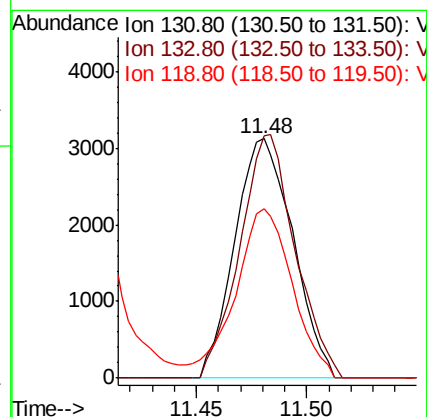
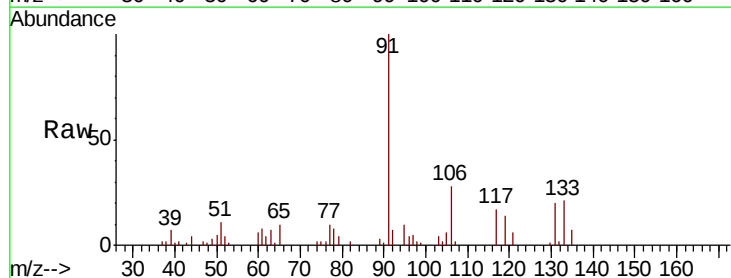
Tgt Ion:131 Resp: 5713

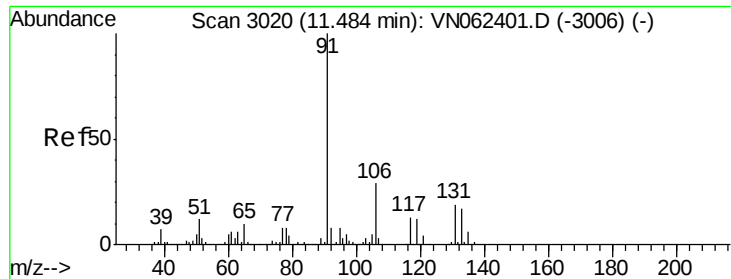
Ion Ratio Lower Upper

131 100

133 96.9 46.9 140.8

119 69.5 33.2 99.6

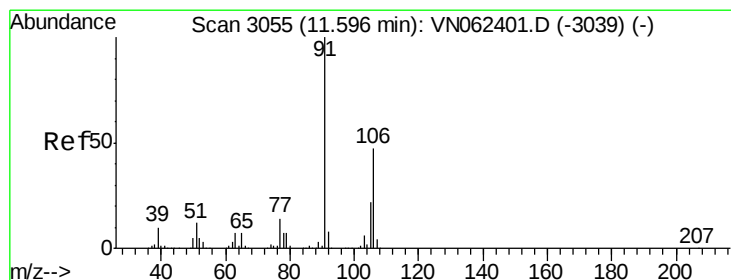
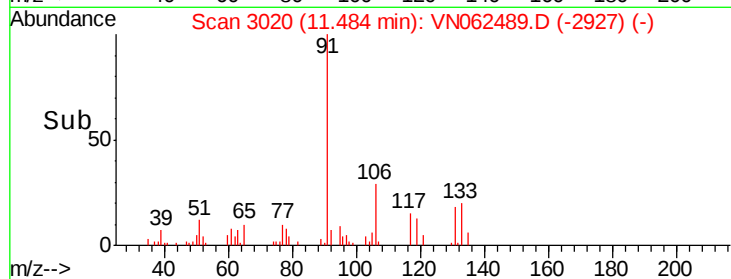
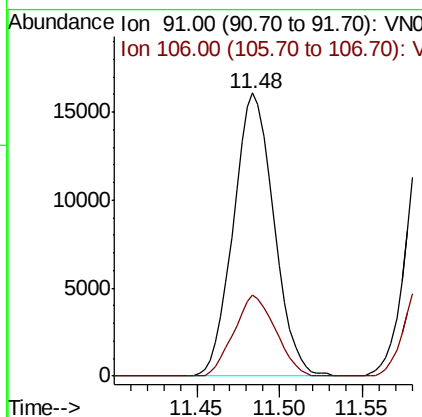
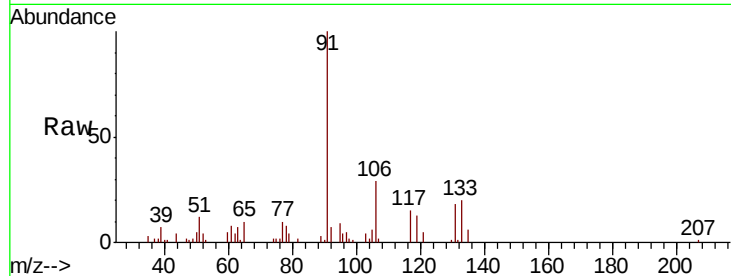




#67
Ethyl Benzene
Concen: 2.518 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

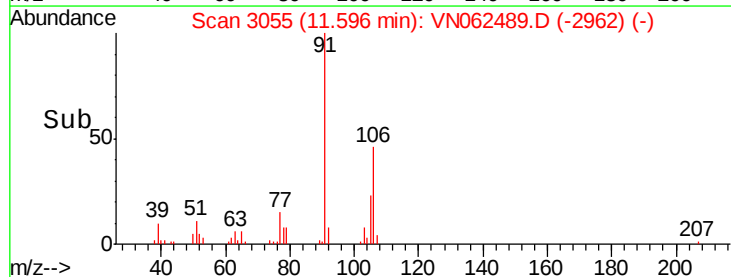
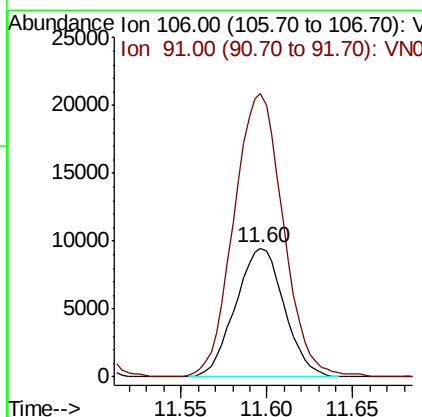
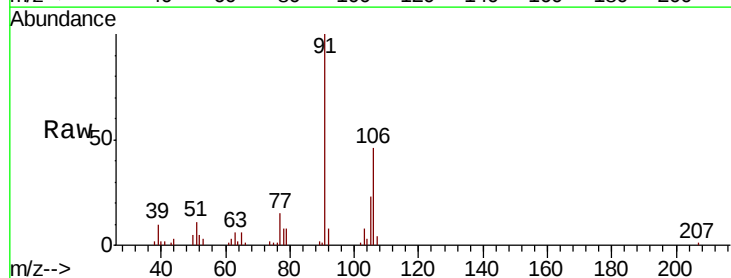
Instrument :
MSVOA_N
ClientSampled :

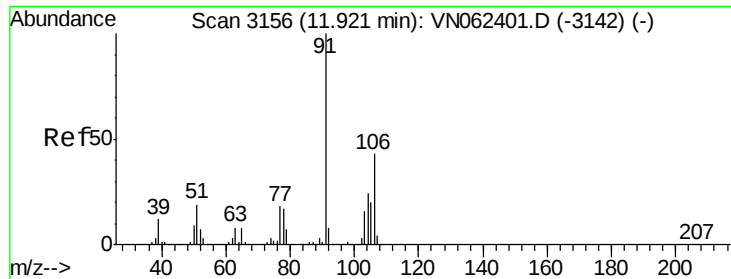
Tot Ion: 91 Resp: 27286
Ion Ratio Lower Upper
91 100
106 28.8 23.4 35.2



#68
m/p-Xylenes
Concen: 4.857 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 106 Resp: 18632
Ion Ratio Lower Upper
106 100
91 223.3 172.4 258.6

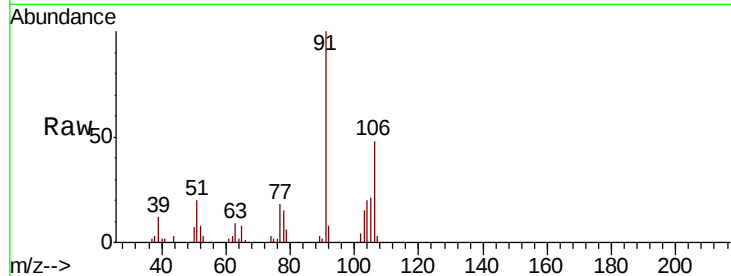




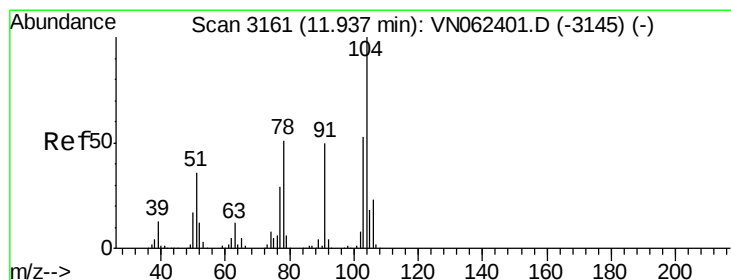
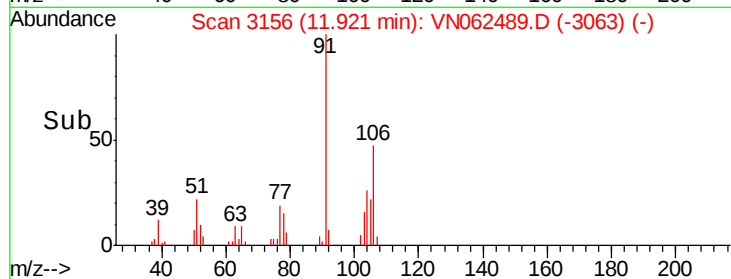
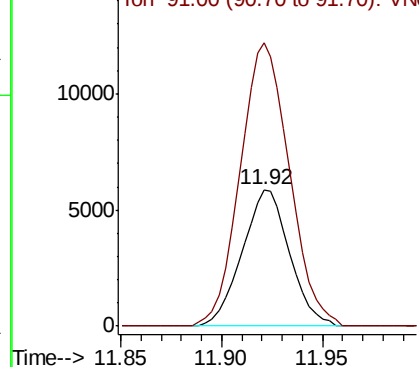
#69
o-Xylene
Concen: 2.582 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 9642
Ion Ratio Lower Upper
106 100
91 215.5 113.8 341.4

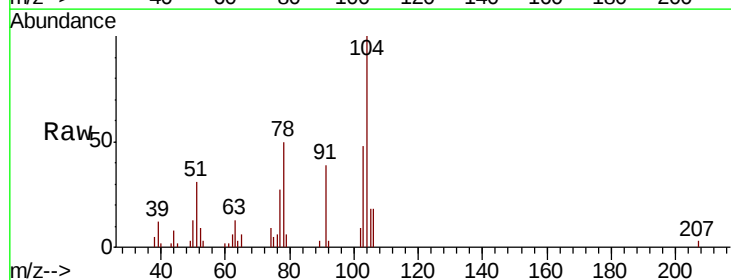


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

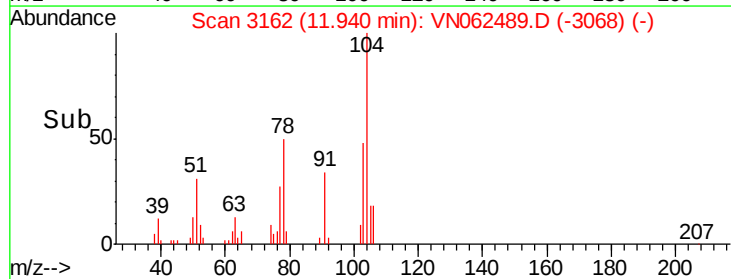
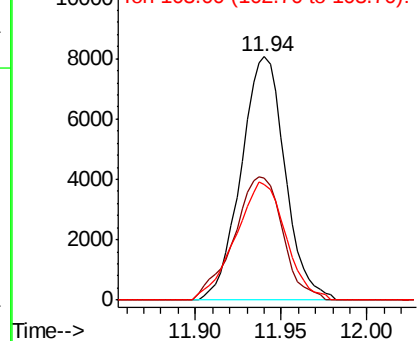


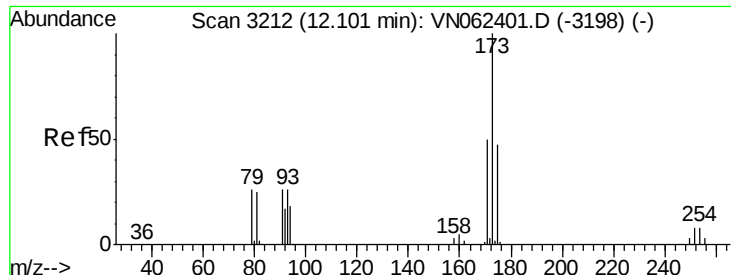
#70
Styrene
Concen: 2.321 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion:104 Resp: 14325
Ion Ratio Lower Upper
104 100
78 56.0 44.2 66.4
103 55.2 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

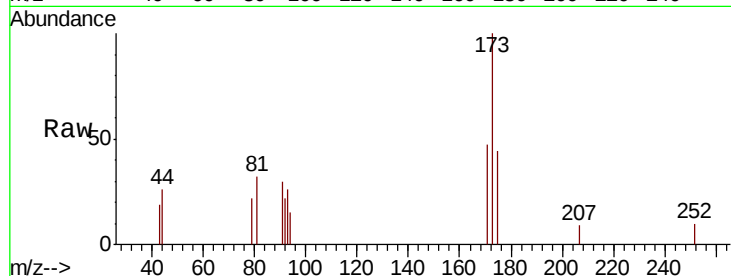




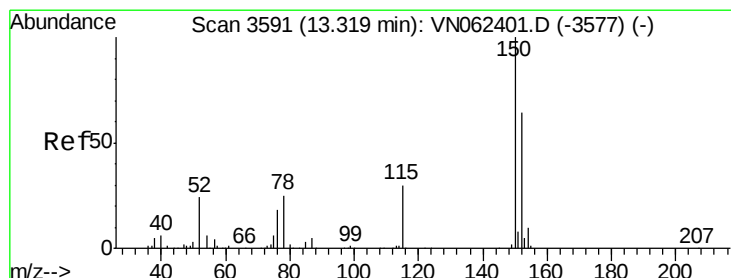
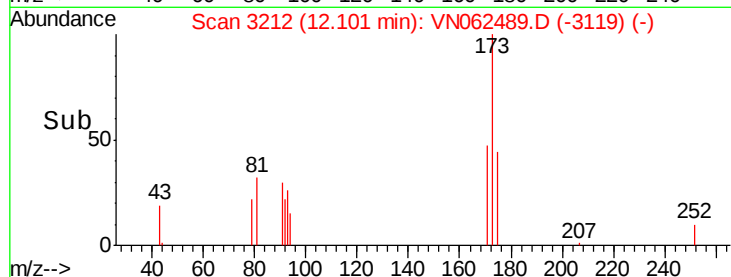
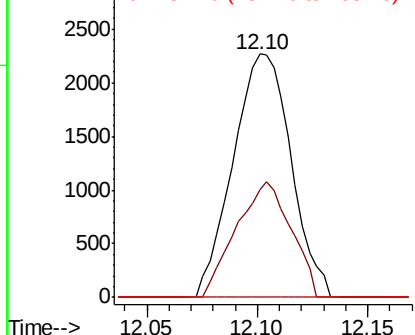
#71
Bromoform
Concen: 2.655 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 4143
Ion Ratio Lower Upper
173 100
175 45.0 23.7 71.1
254 0.0 0.0 0.0

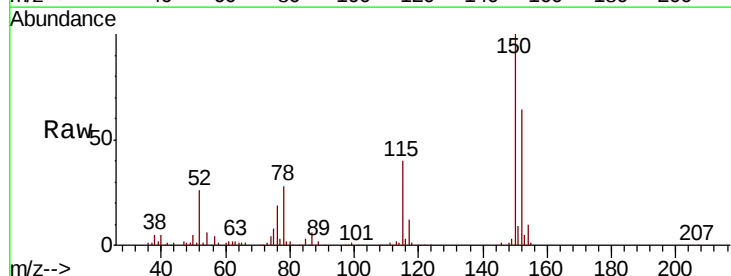


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

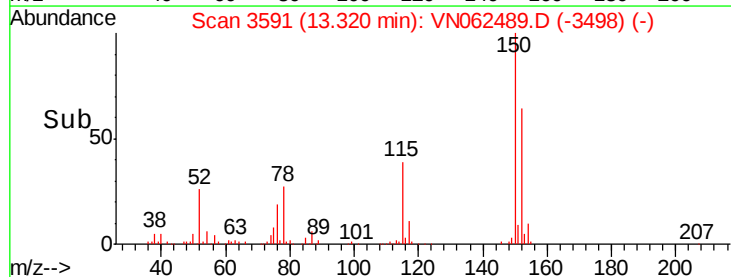
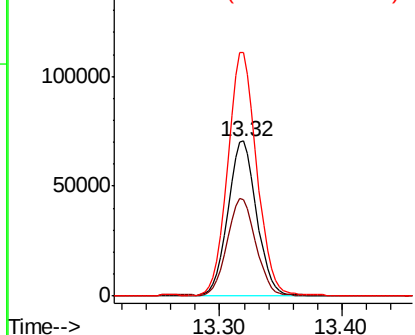


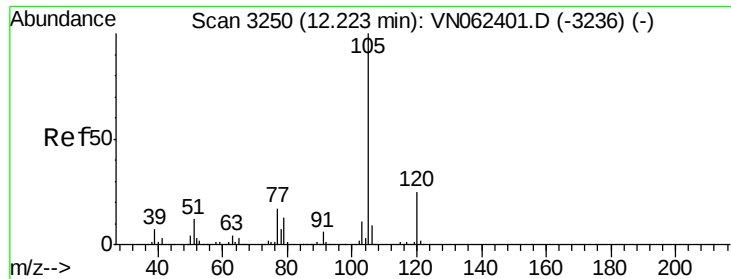
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion:152 Resp: 116504
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.2
150 157.2 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

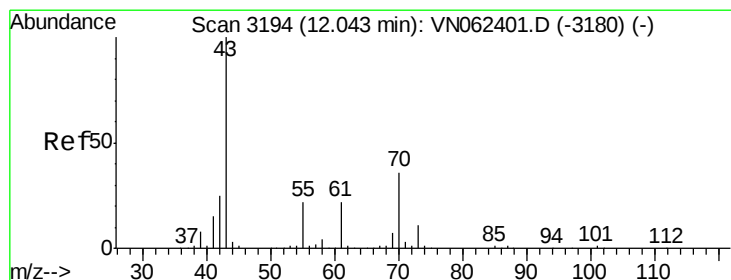
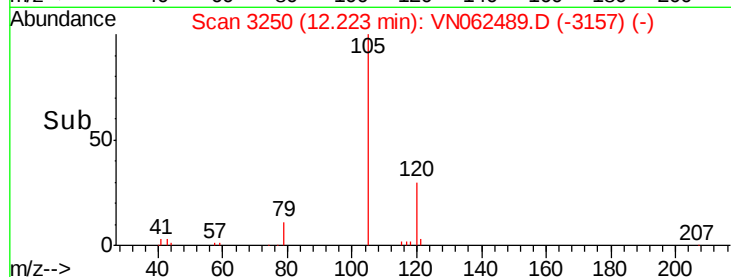
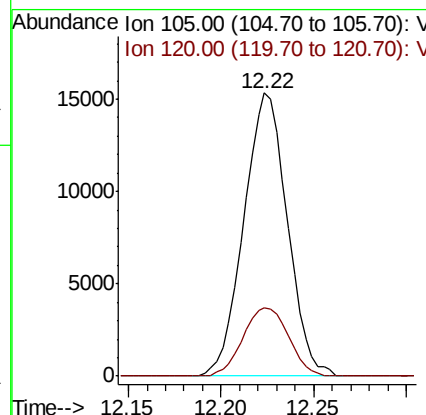
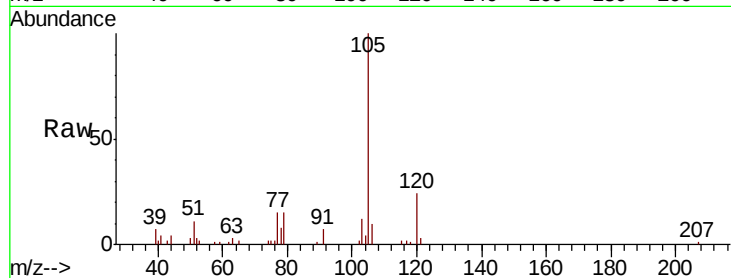




#73
Isopropylbenzene
Concen: 2.765 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

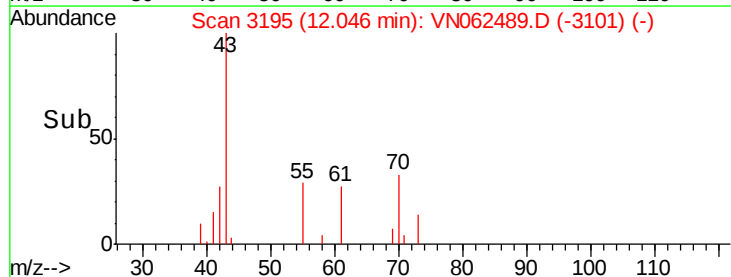
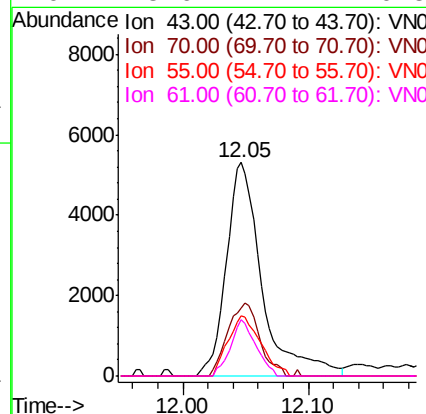
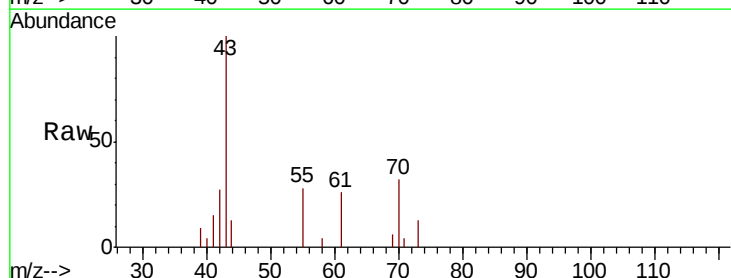
Instrument :
MSVOA_N
ClientSampled :

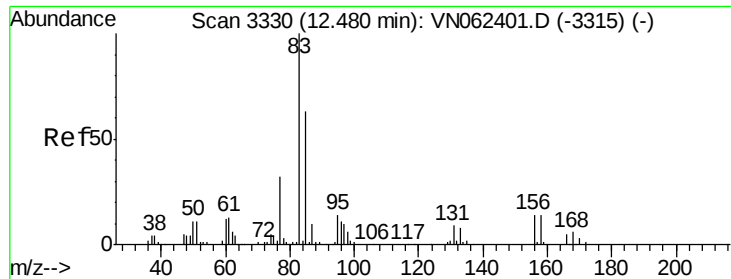
Tot Ion:105 Resp: 24924
Ion Ratio Lower Upper
105 100
120 25.4 12.7 38.1



#74
N-ethyl acetate
Concen: 2.397 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 43 Resp: 10517
Ion Ratio Lower Upper
43 100
70 30.1 30.0 45.0
55 25.4 18.2 27.4
61 18.6 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 3.047 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

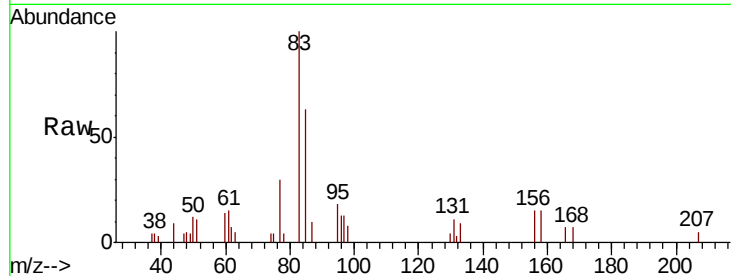
Tot Ion: 83 Resp: 9235

Ion Ratio Lower Upper

83 100

131 9.6 4.5 13.5

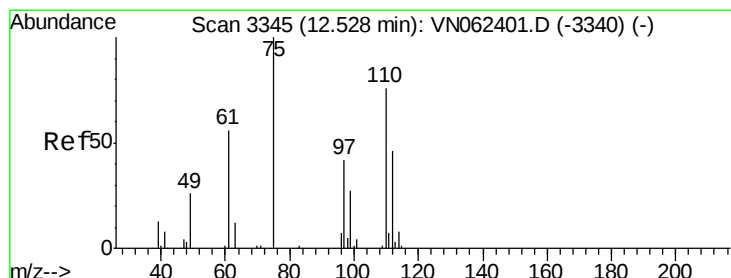
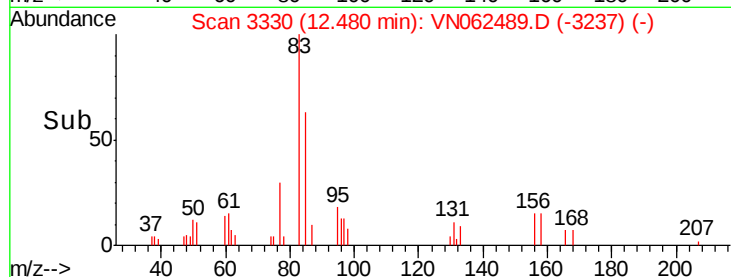
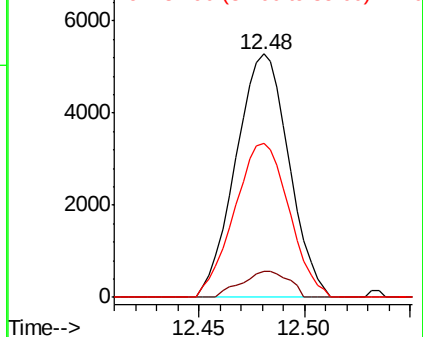
85 65.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 4.026 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062489.D

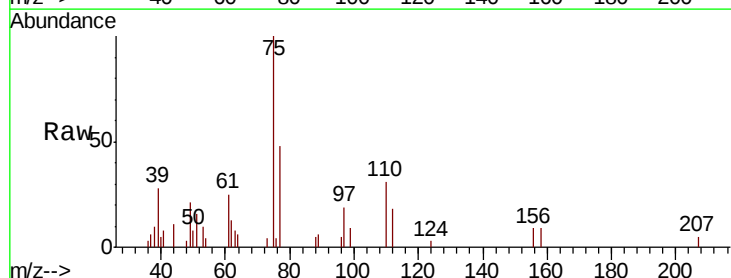
Acq: 10 Jul 2020 13:30

Tgt Ion: 75 Resp: 11510

Ion Ratio Lower Upper

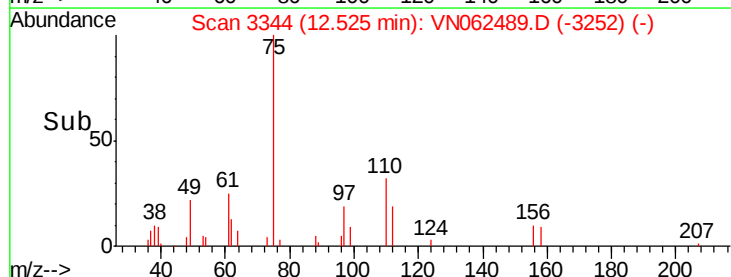
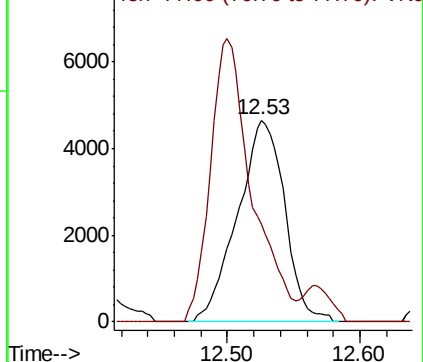
75 100

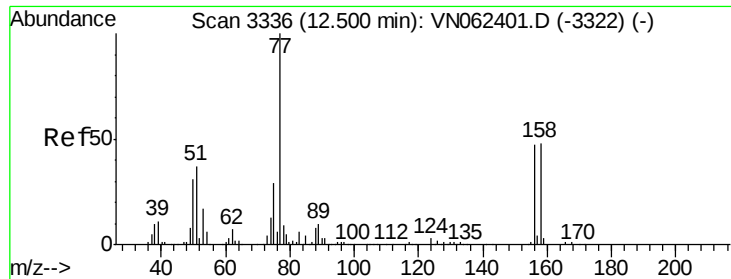
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 2.886 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

ClientSampled :

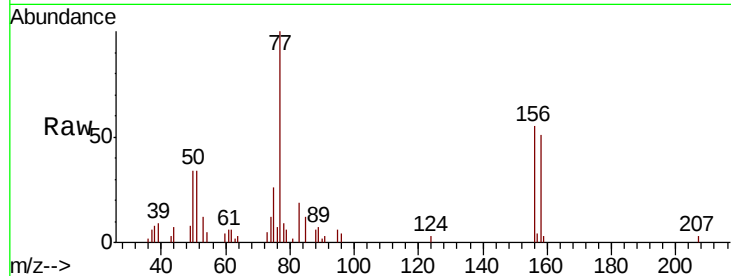
Tot Ion:156 Resp: 5916

Ion Ratio Lower Upper

156 100

77 239.1 126.4 379.3

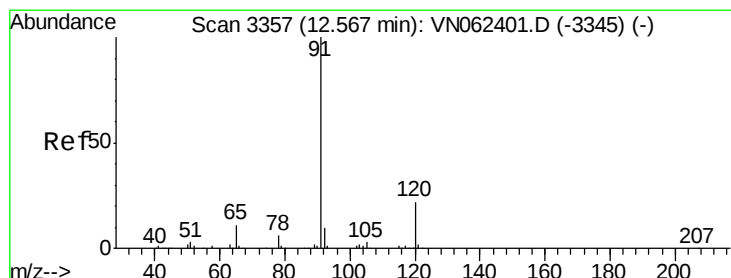
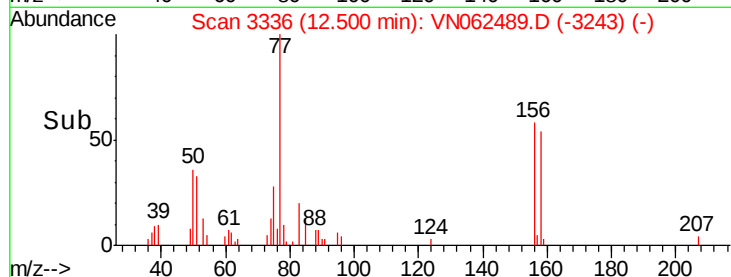
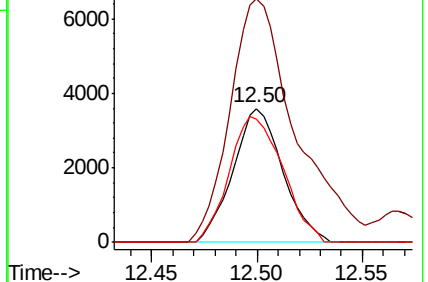
158 100.4 49.8 149.4



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: 2.783 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062489.D

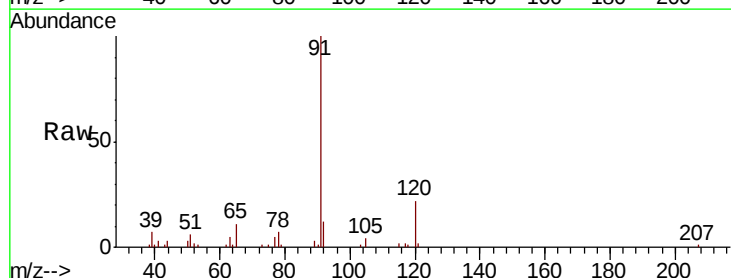
Acq: 10 Jul 2020 13:30

Tgt Ion: 91 Resp: 29312

Ion Ratio Lower Upper

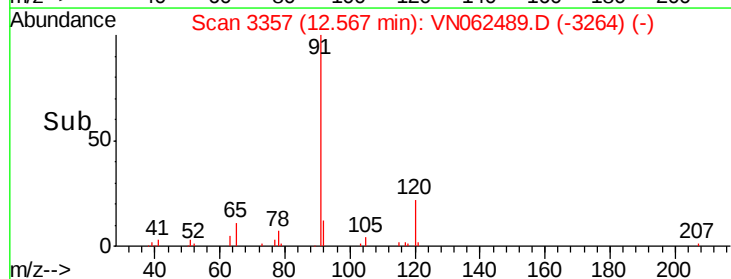
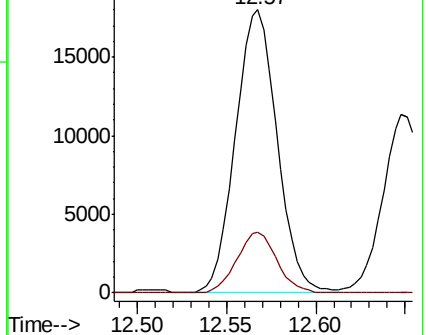
91 100

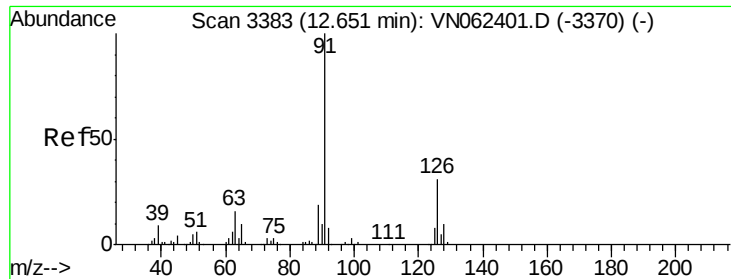
120 20.5 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

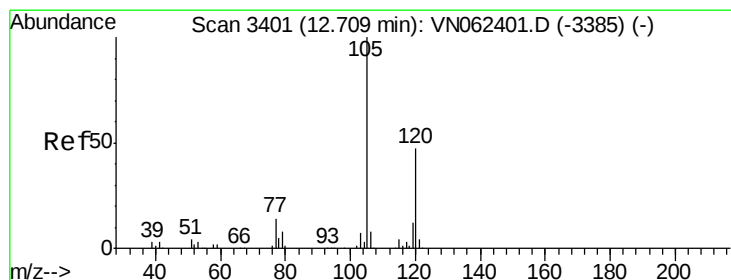
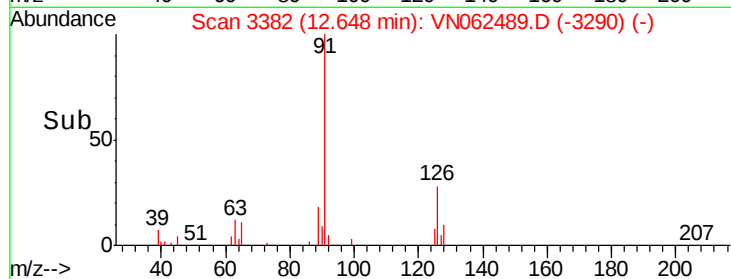
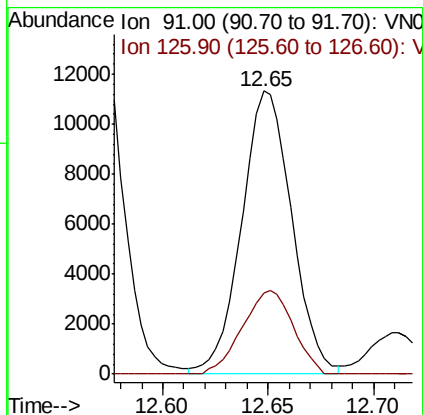
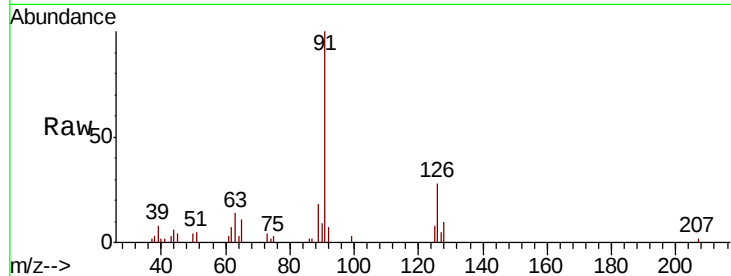




#79
 2-Chlorotoluene
 Concen: 2.934 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

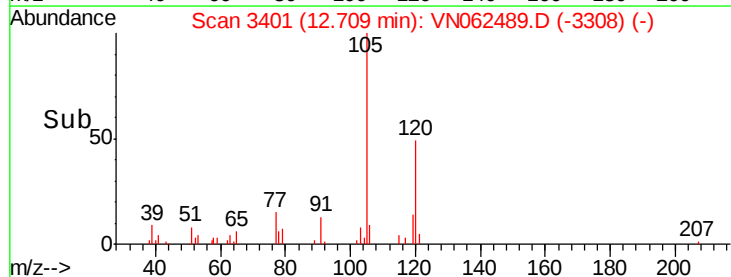
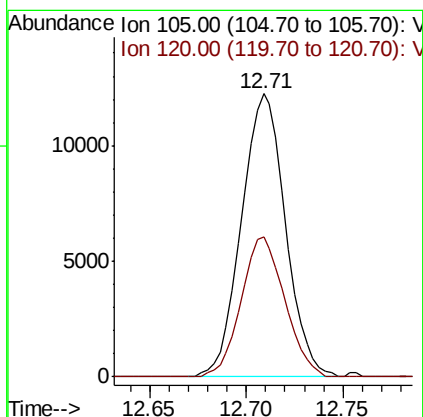
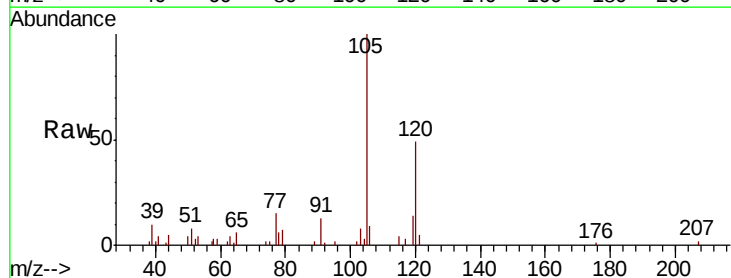
Instrument :
 MSVOA_N
 ClientSampleId :

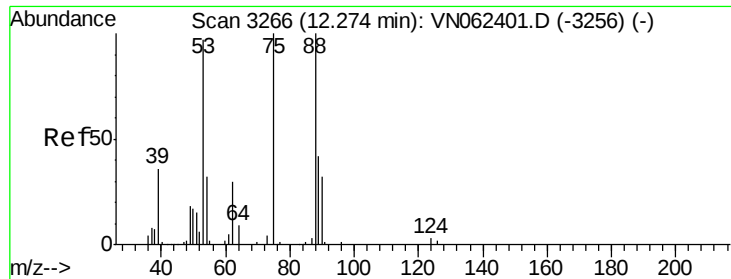
Tot Ion: 91 Resp: 18750
 Ion Ratio Lower Upper
 91 100
 126 29.7 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 2.617 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Tgt Ion: 105 Resp: 19338
 Ion Ratio Lower Upper
 105 100
 120 49.1 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 2.238 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

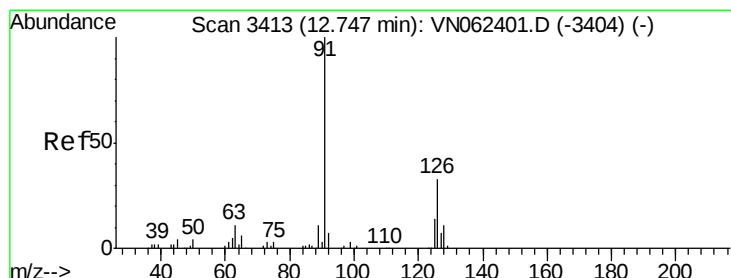
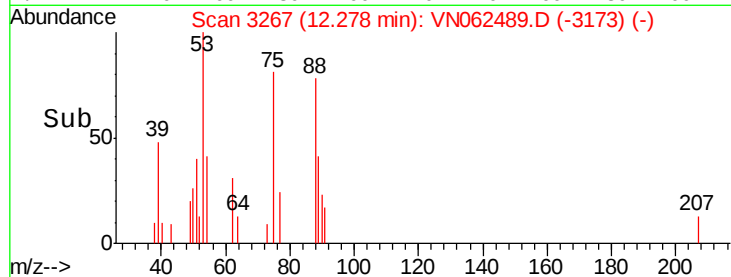
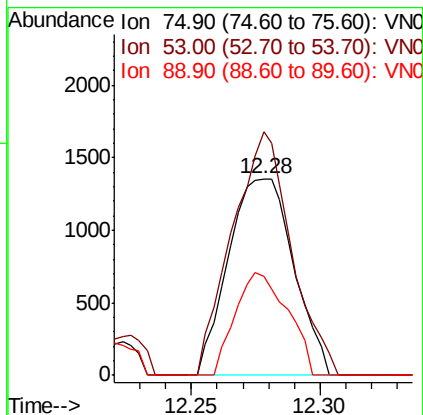
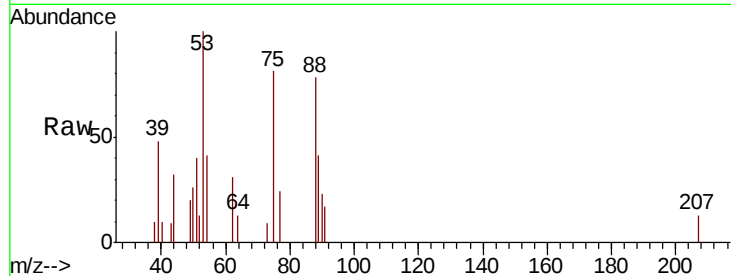
Tot Ion: 75 Resp: 2390

Ion Ratio Lower Upper

75 100

53 112.5 79.2 118.8

89 42.0 34.6 52.0



#82

4-Chlorotoluene

Concen: 2.754 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062489.D

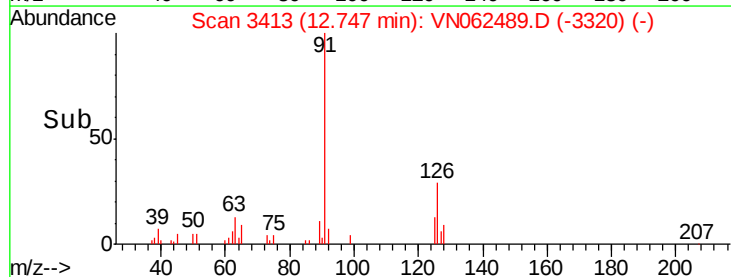
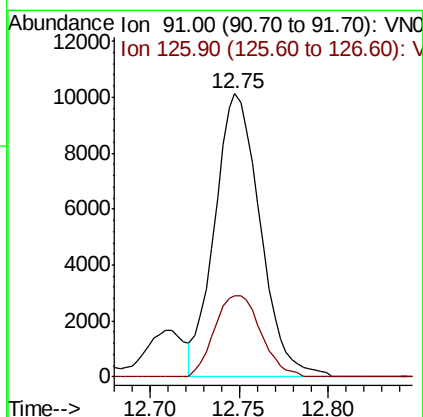
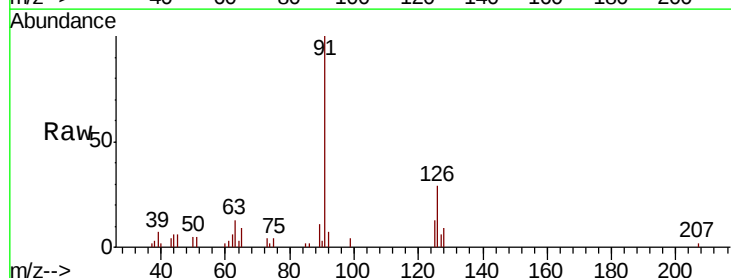
Acq: 10 Jul 2020 13:30

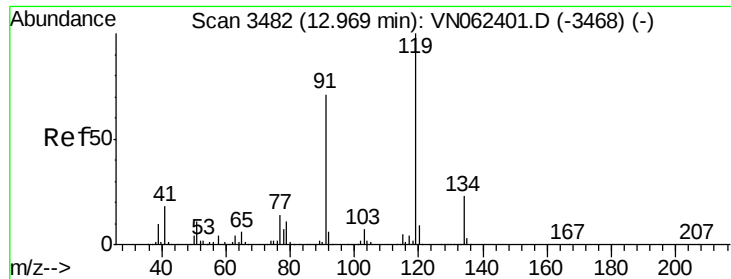
Tgt Ion: 91 Resp: 17870

Ion Ratio Lower Upper

91 100

126 29.4 15.2 45.6





#83

tert-Butylbenzene

Concen: 2.768 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

ClientSampled :

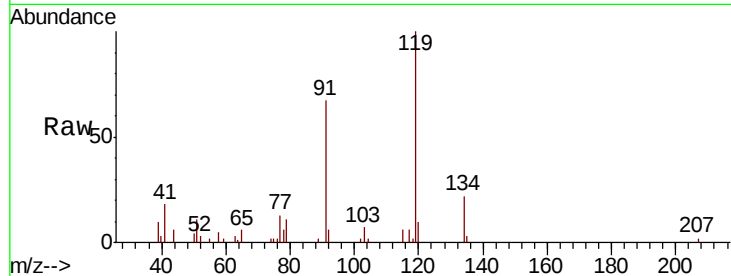
Tot Ion:119 Resp: 17359

Ion Ratio Lower Upper

119 100

91 68.5 34.8 104.3

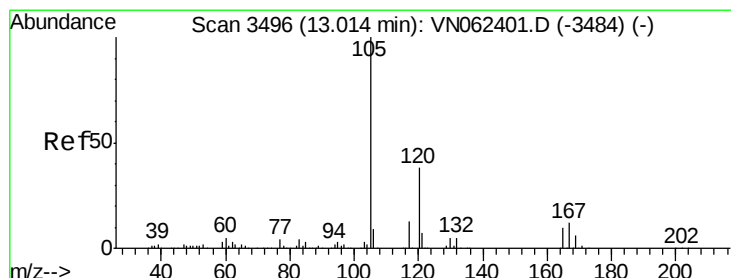
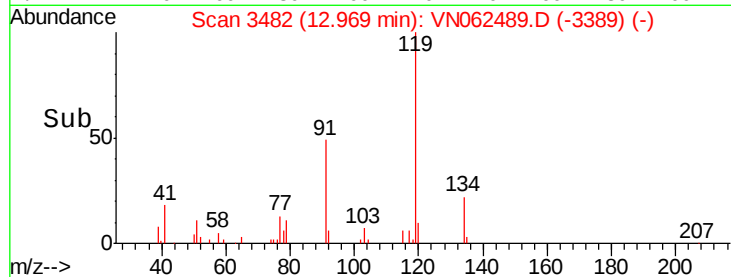
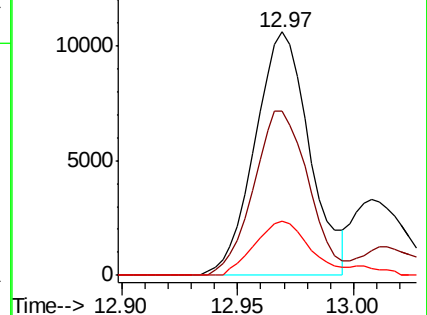
134 22.0 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.581 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.00 min

Lab File: VN062489.D

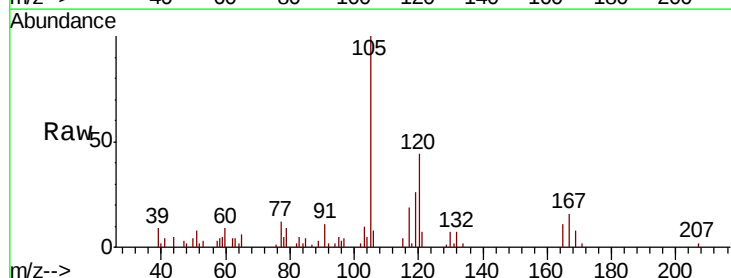
Acq: 10 Jul 2020 13:30

Tgt Ion:105 Resp: 18957

Ion Ratio Lower Upper

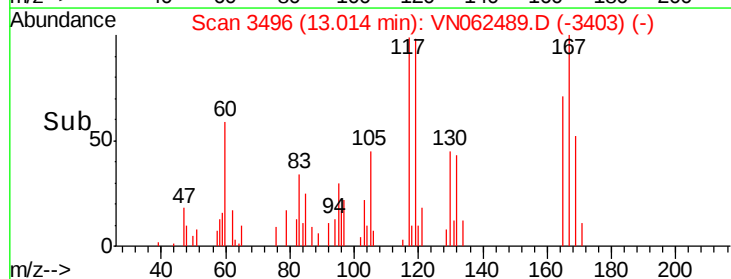
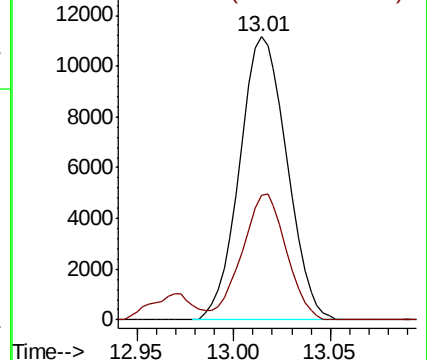
105 100

120 41.9 21.6 64.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

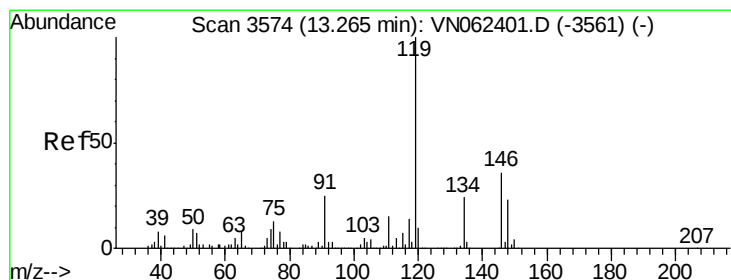
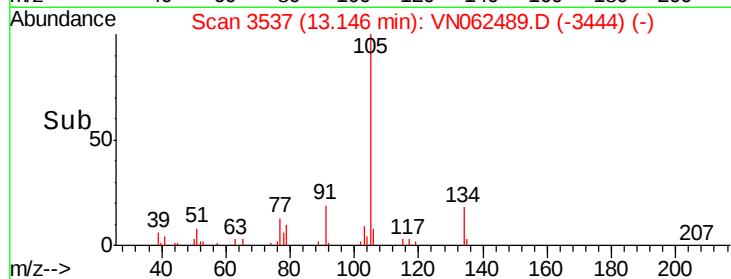
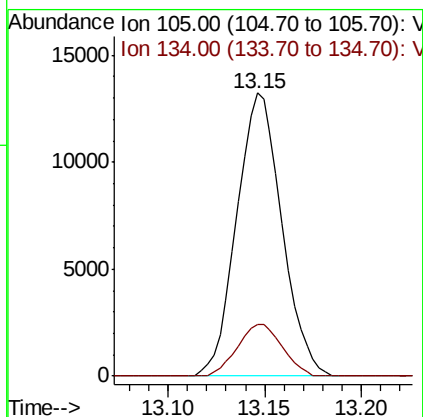
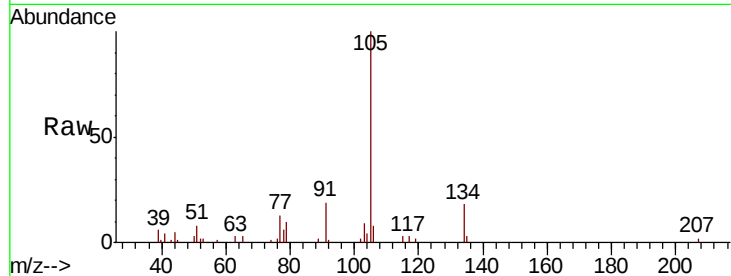




#85
 sec-Butylbenzene
 Concen: 2.582 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

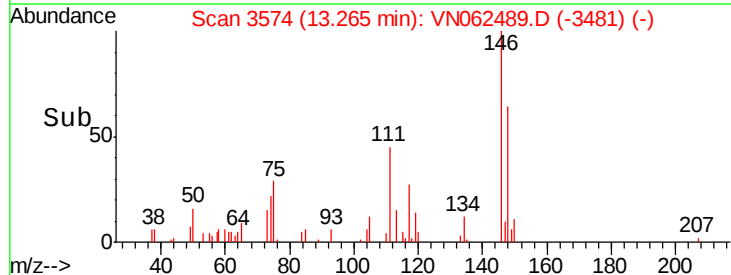
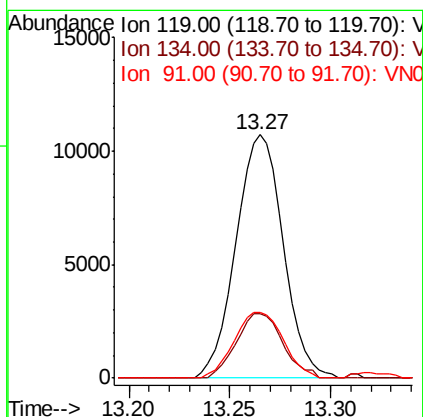
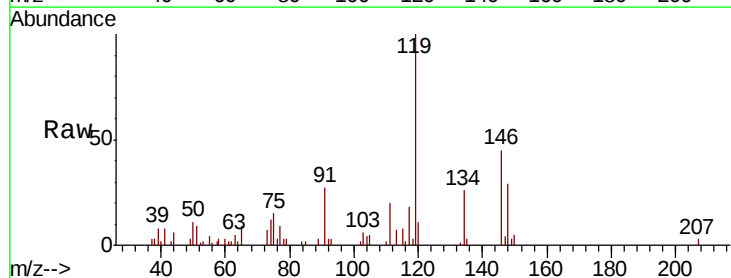
Instrument :
 MSVOA_N
 ClientSampled :

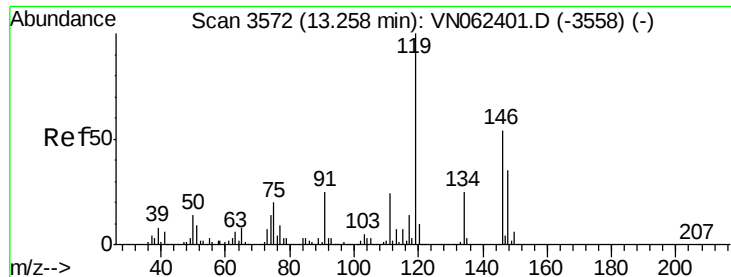
Tot Ion:105 Resp: 21457
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 2.453 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Tgt Ion:119 Resp: 17593
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.4 37.0
 91 28.1 12.4 37.4

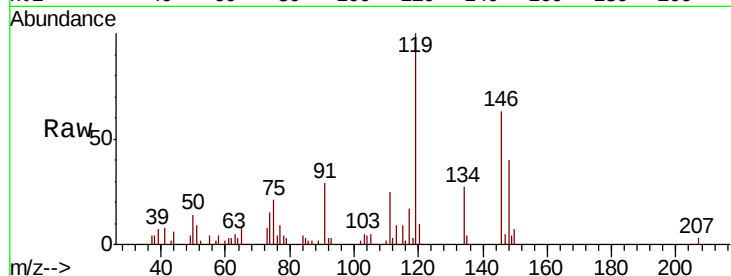




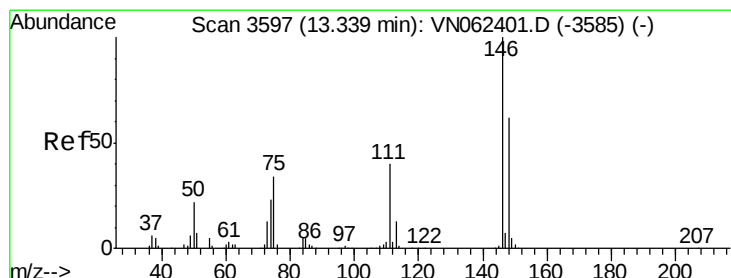
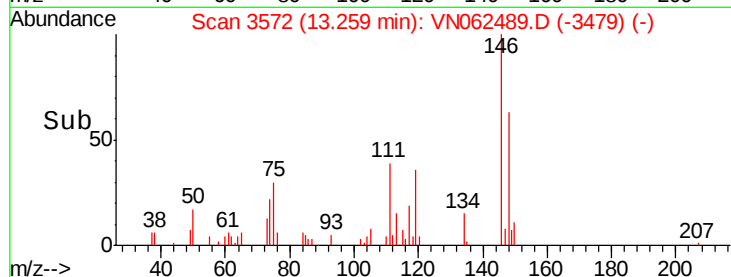
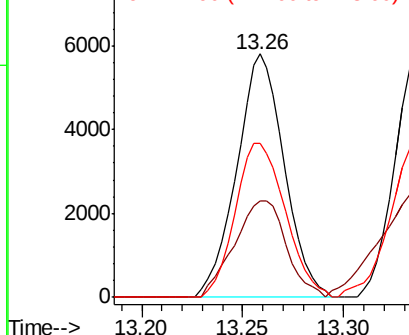
#87
 1,3-Dichlorobenzene
 Concen: 2.702 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 9552
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.6 64.6
 148 66.7 32.2 96.6

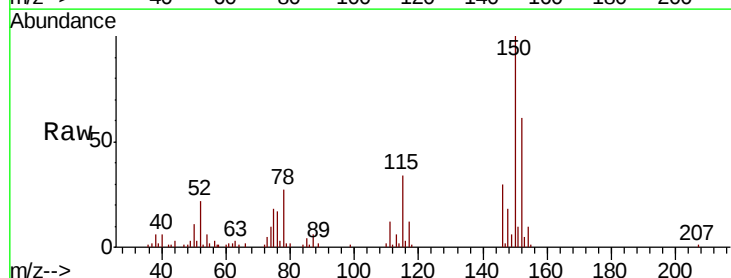


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

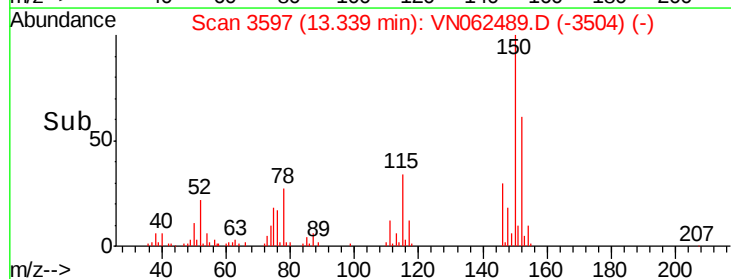
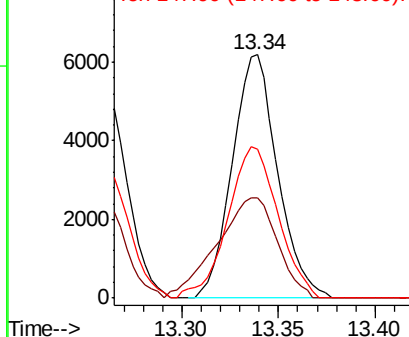


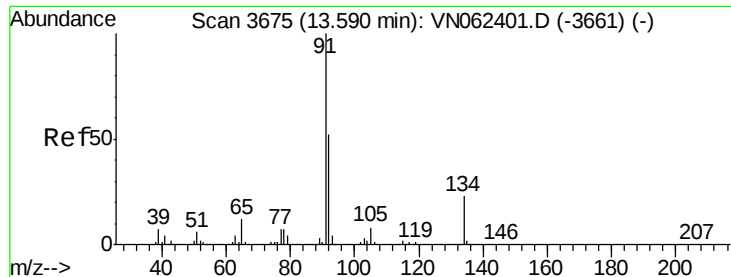
#88
 1,4-Dichlorobenzene
 Concen: 2.769 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Tgt Ion:146 Resp: 10075
 Ion Ratio Lower Upper
 146 100
 111 54.8 21.1 63.1
 148 69.0 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

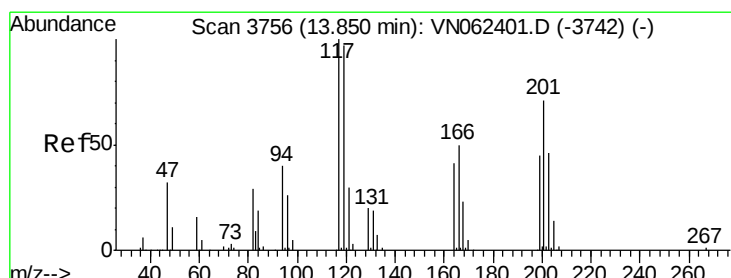
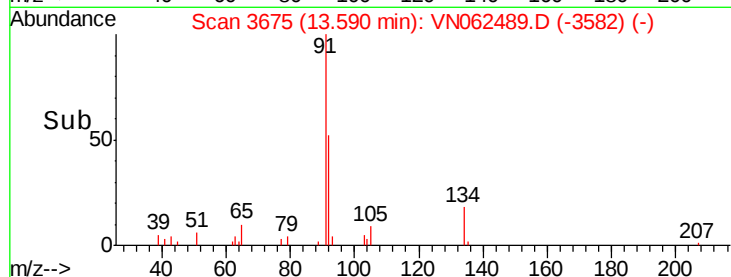
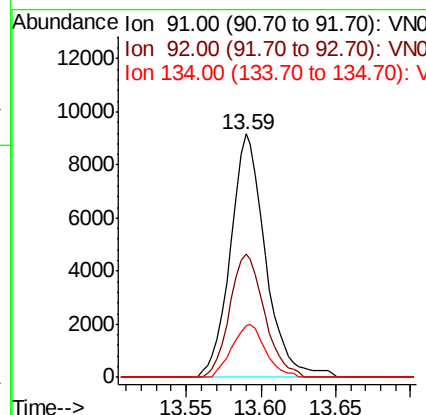
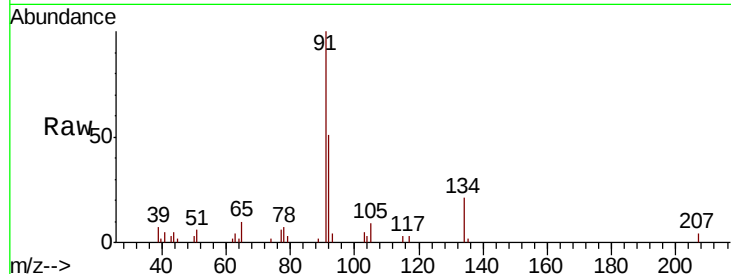




#89
n-Butylbenzene
Concen: 2.361 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

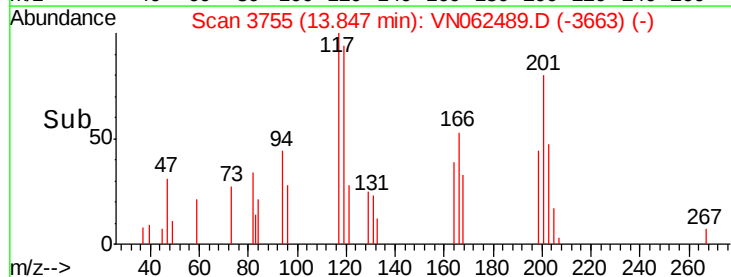
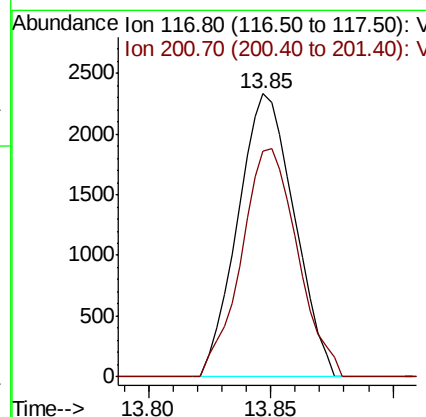
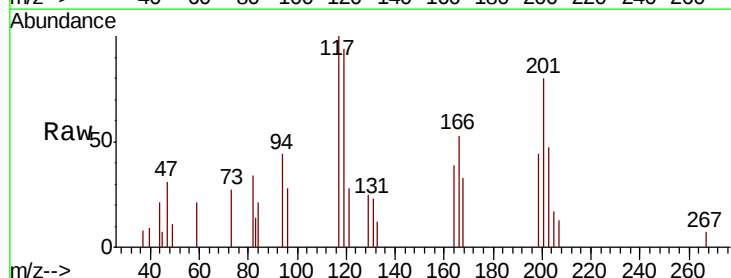
Instrument :
MSVOA_N
ClientSampled :

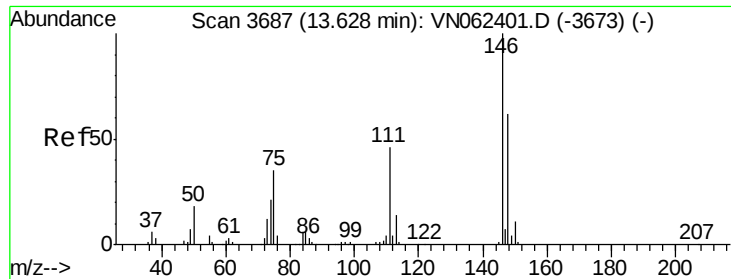
Tot Ion: 91 Resp: 14956
Ion Ratio Lower Upper
91 100
92 50.1 25.9 77.7
134 20.6 11.6 34.8



#90
Hexachloroethane
Concen: 2.649 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062489.D
Acq: 10 Jul 2020 13:30

Tgt Ion: 117 Resp: 3738
Ion Ratio Lower Upper
117 100
201 80.3 35.4 106.2

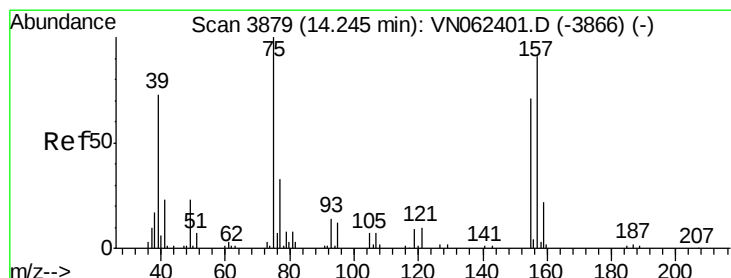
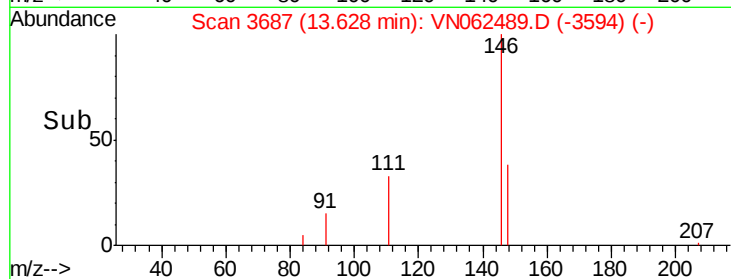
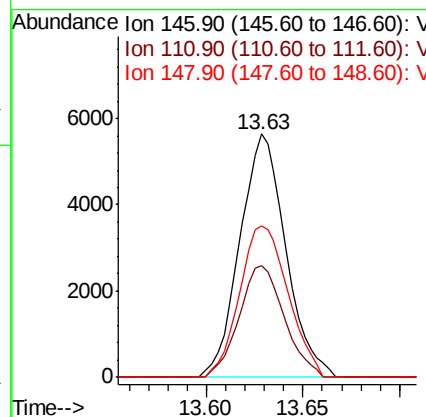
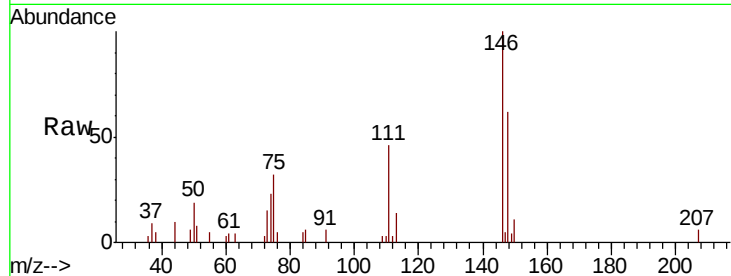




#91
 1,2-Dichlorobenzene
 Concen: 2.722 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

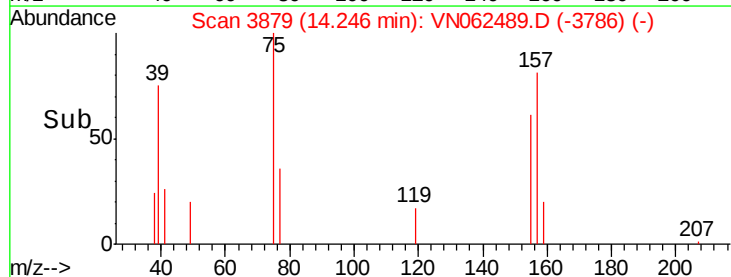
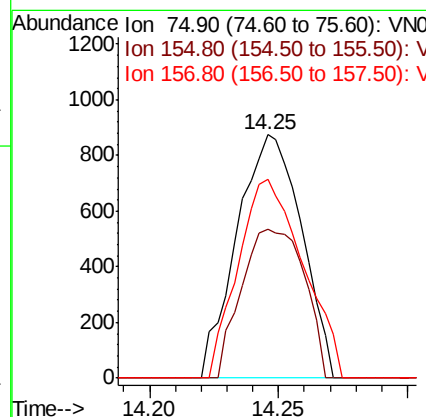
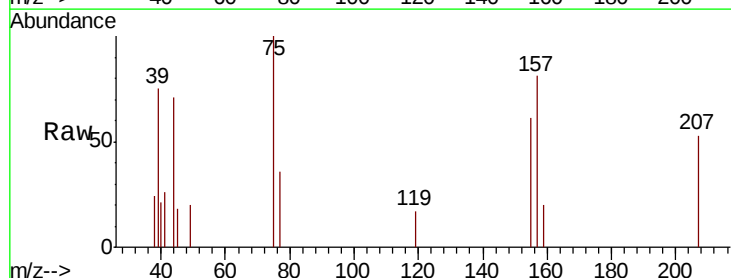
Instrument :
 MSVOA_N
 ClientSampleId :

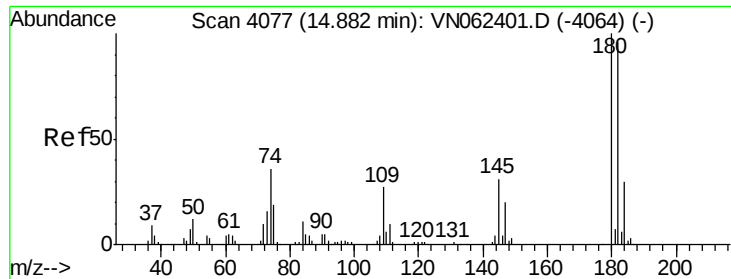
Tot Ion:146 Resp: 9304
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.5 67.5
 148 65.6 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.753 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Tgt Ion: 75 Resp: 1523
 Ion Ratio Lower Upper
 75 100
 155 59.7 35.2 105.6
 157 82.3 45.8 137.3

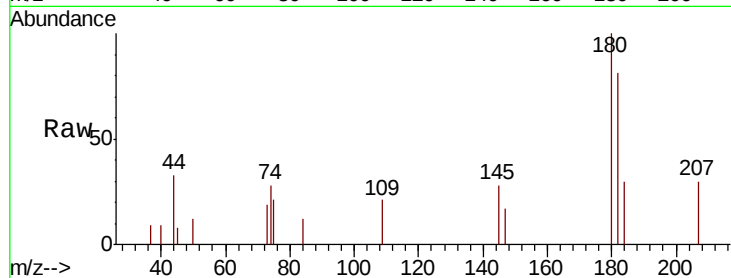




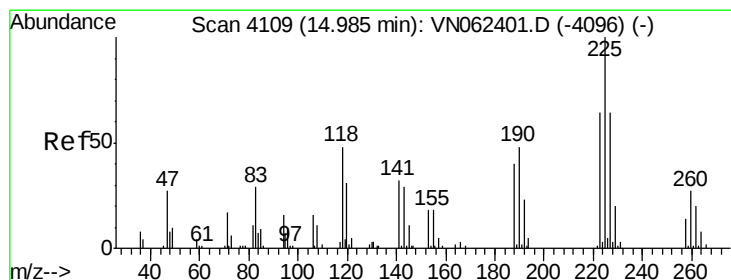
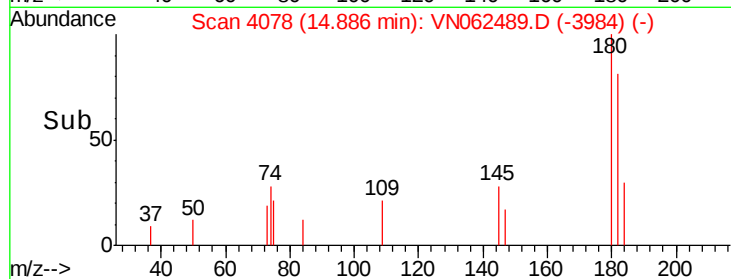
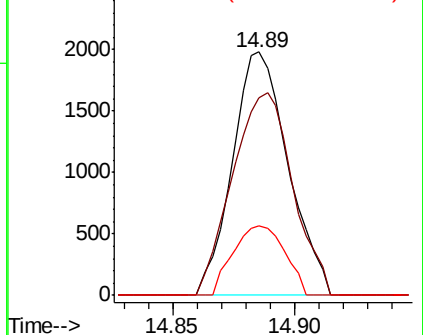
#93
 1,2,4-Trichlorobenzene
 Concen: 2.035 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 3137
 Ion Ratio Lower Upper
 180 100
 182 90.3 48.4 145.2
 145 26.5 15.5 46.5

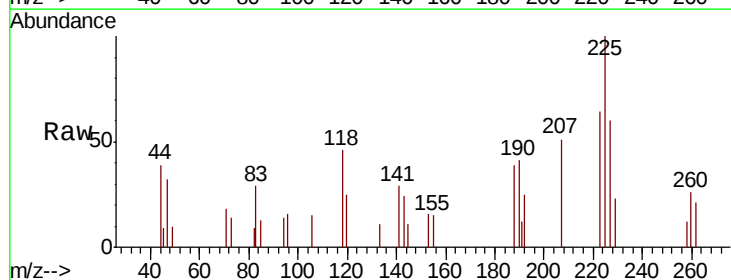


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

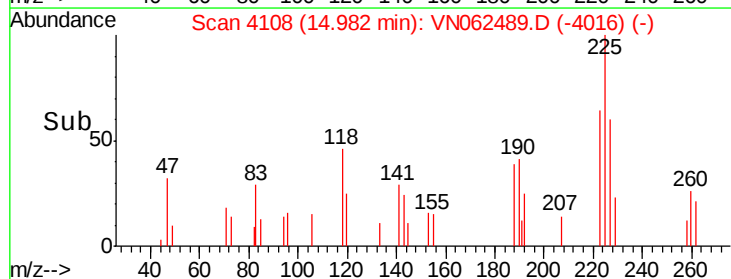
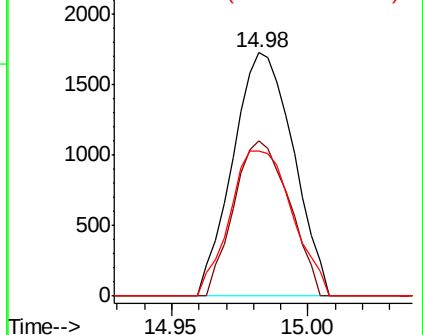


#94
 Hexachlorobutadiene
 Concen: 2.924 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062489.D
 Acq: 10 Jul 2020 13:30

Tgt Ion:225 Resp: 2654
 Ion Ratio Lower Upper
 225 100
 223 58.6 32.3 96.8
 227 61.7 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: 1.914 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

Instrument :

MSVOA_N

ClientSampled :

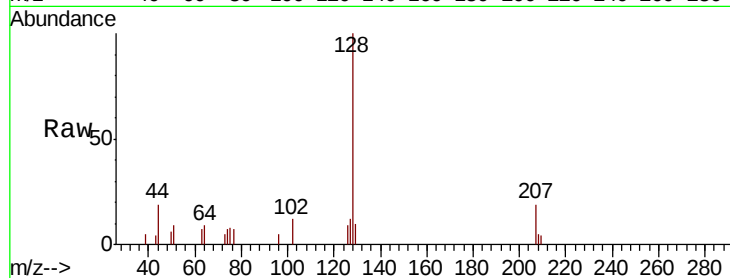
Tot Ion:128 Resp: 8318

Ion Ratio Lower Upper

128 100

127 10.1 10.2 15.2#

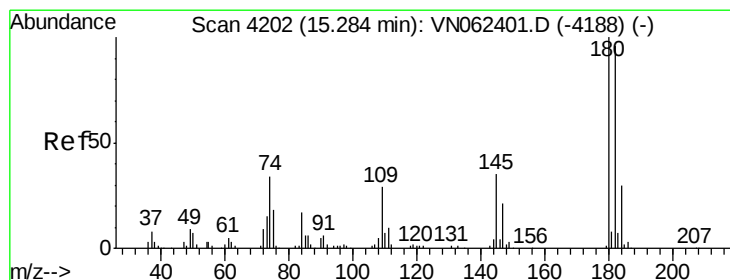
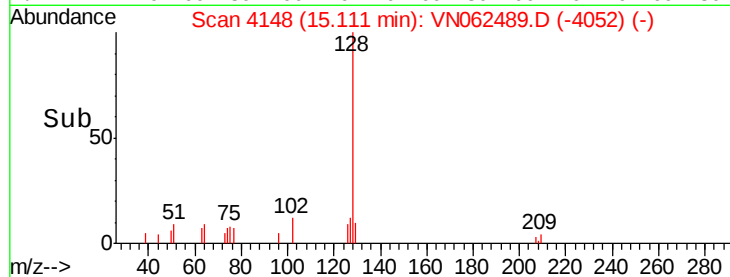
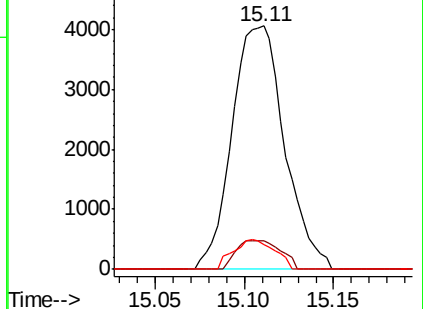
129 9.7 8.6 12.8



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: 2.147 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062489.D

Acq: 10 Jul 2020 13:30

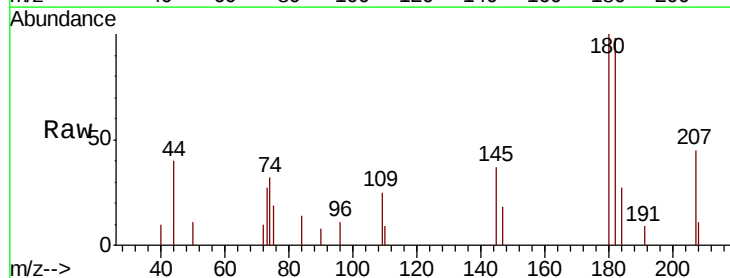
Tgt Ion:180 Resp: 3441

Ion Ratio Lower Upper

180 100

182 90.6 47.8 143.4

145 32.7 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

