

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061242.D
 Acq On : 1 May 2020 19:46
 Operator : JC/MD
 Sample : L2468-06MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 04 00:57:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	111150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	189834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	180119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	86115	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.55	113	53466	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	10.06	98	238262	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.38	95	89242	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57833	49.067	ug/l	100
3) Chloromethane	2.03	50	85849	60.139	ug/l	99
4) Vinyl Chloride	2.16	62	85234	52.569	ug/l	98
5) Bromomethane	2.53	94	34830	43.458	ug/l	100
6) Chloroethane	2.67	64	50560	49.198	ug/l	97
7) Trichlorofluoromethane	2.98	101	103513	56.588	ug/l	99
8) Diethyl Ether	3.37	74	44602	58.456	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	61242	51.968	ug/l	100
10) Methyl Iodide	3.91	142	70374	46.467	ug/l	98
11) Tert butyl alcohol	4.73	59	61954	262.967	ug/l	99
12) 1,1-Dichloroethene	3.70	96	61519	52.458	ug/l	99
13) Acrolein	3.56	56	40185	255.952	ug/l	100
14) Allyl chloride	4.28	41	135090	62.127	ug/l	94
15) Acrylonitrile	4.93	53	210135	290.555	ug/l	99
16) Acetone	3.77	43	180816	266.190	ug/l	98
17) Carbon Disulfide	4.01	76	157342	48.570	ug/l	100
18) Methyl Acetate	4.27	43	104923	47.298	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	230251	51.383	ug/l	98
20) Methylene Chloride	4.50	84	73201	53.377	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	67942	53.205	ug/l	99
22) Diisopropyl ether	5.90	45	281845	55.896	ug/l	97
23) Vinyl Acetate	5.84	43	1025412	252.565	ug/l	99
24) 1,1-Dichloroethane	5.80	63	141964	53.886	ug/l	98
25) 2-Butanone	6.79	43	286809	275.592	ug/l	99
26) 2,2-Dichloropropane	6.78	77	101110	45.565	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	78776	52.568	ug/l	100
28) Bromochloromethane	7.15	49	68810	55.105	ug/l	94
29) Tetrahydrofuran	7.17	42	197086	281.134	ug/l	96
30) Chloroform	7.33	83	134355	50.324	ug/l	99
31) Cyclohexane	7.62	56	124991	48.853	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	114600	49.294	ug/l	99
36) 1,1-Dichloropropene	7.75	75	100819	53.054	ug/l	99
37) Ethyl Acetate	6.88	43	114345	51.326	ug/l	99
38) Carbon Tetrachloride	7.73	117	85433	49.307	ug/l	98

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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	107631	50.504	ug/l	98
40) Benzene	8.00	78	303056	53.529	ug/l	99
41) Methacrylonitrile	7.13	41	55930	60.466	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	109839	51.212	ug/l	99
43) Isopropyl Acetate	8.13	43	190724	51.584	ug/l	100
44) Trichloroethene	8.80	130	74533	48.699	ug/l	100
45) 1,2-Dichloropropane	9.08	63	83541	55.233	ug/l	97
46) Dibromomethane	9.17	93	49818	53.195	ug/l	99
47) Bromodichloromethane	9.37	83	106695	53.079	ug/l	98
48) Methyl methacrylate	9.17	41	92028	55.159	ug/l	97
49) 1,4-Dioxane	9.17	88	20528	1083.923	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	608111	279.425	ug/l	100
52) Toluene	10.12	92	182911	53.638	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	116322	51.357	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	121797	50.864	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	72214	53.091	ug/l	98
56) Ethyl methacrylate	10.40	69	115328	48.730	ug/l	98
57) 1,3-Dichloropropane	10.68	76	129138	54.013	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	569	0.517	ug/l #	49
59) 2-Hexanone	10.72	43	445606	281.442	ug/l	100
60) Dibromochloromethane	10.87	129	73467	51.570	ug/l	100
61) 1,2-Dibromoethane	10.98	107	71982	52.799	ug/l	99
64) Tetrachloroethene	10.60	164	74929	48.031	ug/l	99
65) Chlorobenzene	11.41	112	182594	51.104	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	66694	52.154	ug/l	98
67) Ethyl Benzene	11.49	91	351778	52.594	ug/l	100
68) m/p-Xylenes	11.60	106	256568	104.798	ug/l	98
69) o-Xylene	11.92	106	122971	52.291	ug/l	99
70) Styrene	11.94	104	209948	53.341	ug/l	99
71) Bromoform	12.10	173	49745	52.929	ug/l #	99
73) Isopropylbenzene	12.22	105	332564	50.988	ug/l	99
74) N-amyl acetate	12.05	43	162755	49.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	107326	52.772	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	143724	76.837	ug/l #	100
77) Bromobenzene	12.50	156	76742	50.969	ug/l	98
78) n-propylbenzene	12.57	91	400357	51.751	ug/l	100
79) 2-Chlorotoluene	12.65	91	233430	51.335	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	280936	52.042	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	36606	49.698	ug/l	98
82) 4-Chlorotoluene	12.75	91	249138	51.984	ug/l	98
83) tert-Butylbenzene	12.97	119	231960	50.959	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	281640	50.639	ug/l	100
85) sec-Butylbenzene	13.15	105	320592	51.659	ug/l	99
86) p-Isopropyltoluene	13.26	119	286009	51.151	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	139966	50.497	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	139928	49.409	ug/l	99
89) n-Butylbenzene	13.59	91	262291	51.169	ug/l	100
90) Hexachloroethane	13.85	117	31605	53.551	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	134755	50.704	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21467	49.978	ug/l	99

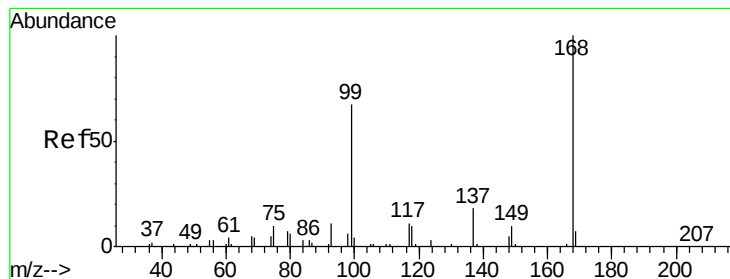
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	79377	49.047	ug/l	100
94) Hexachlorobutadiene	14.98	225	35476	52.470	ug/l	96
95) Naphthalene	15.11	128	253853	48.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	77946	48.782	ug/l	100

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

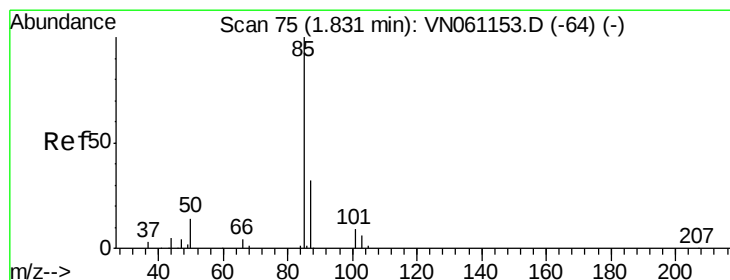
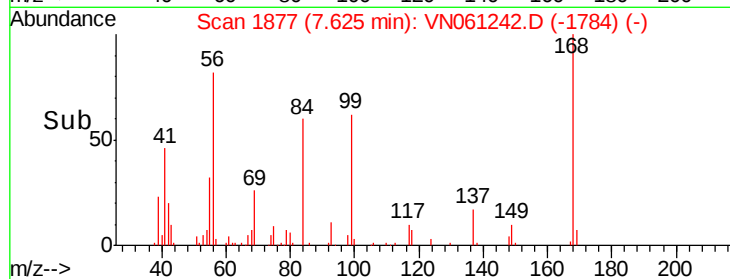
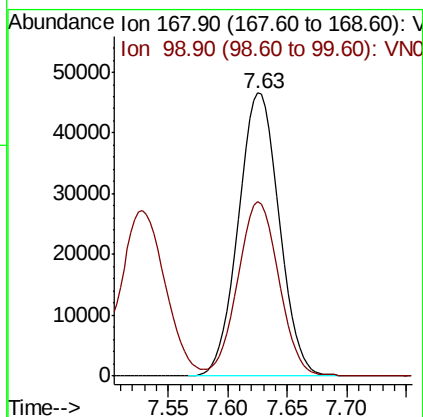
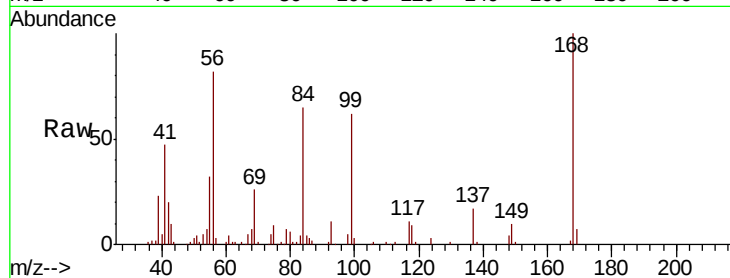


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Instrument :
 MSVOA_N
 ClientSampleId :

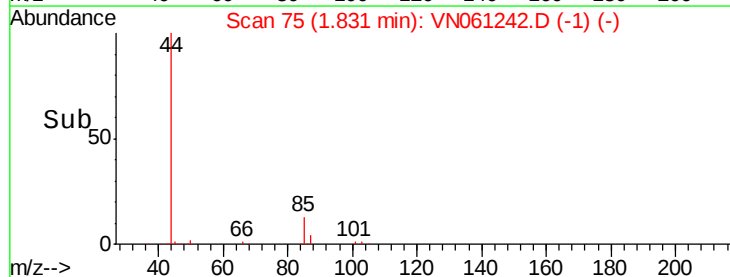
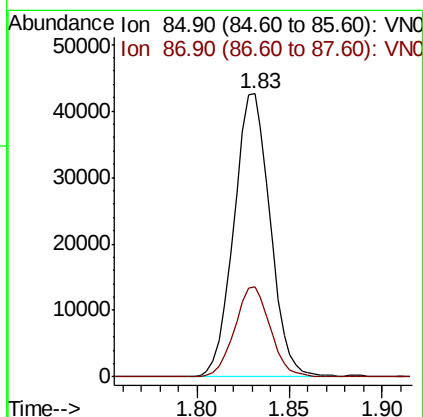
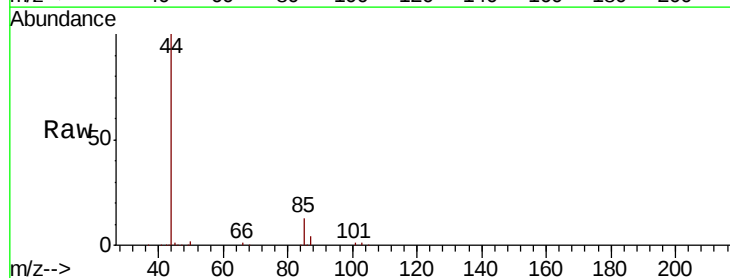
Tot Ion:168 Resp: 111150
 Ion Ratio Lower Upper
 168 100
 99 61.4 51.2 76.8

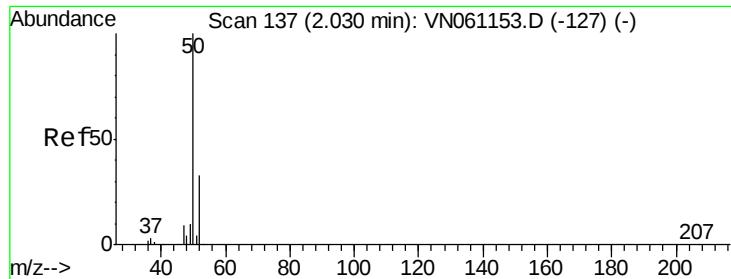


#2

Dichlorodifluoromethane
 Concen: 49.067 ug/l
 RT: 1.83 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Tgt Ion: 85 Resp: 57833
 Ion Ratio Lower Upper
 85 100
 87 32.0 16.1 48.2





#3

Chloromethane

Concen: 60.139 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

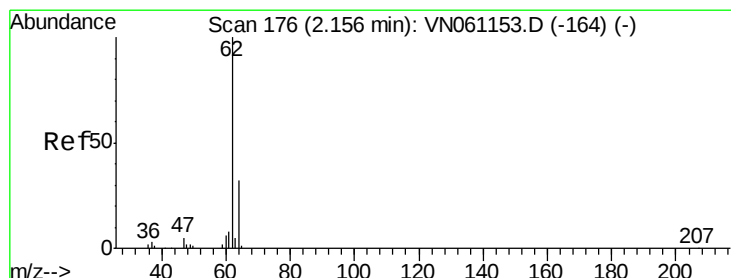
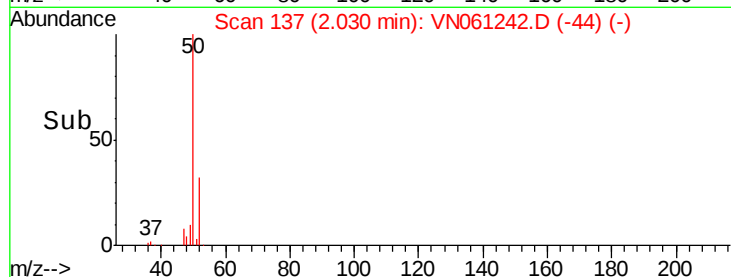
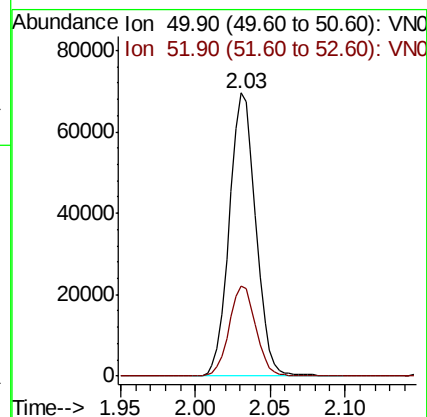
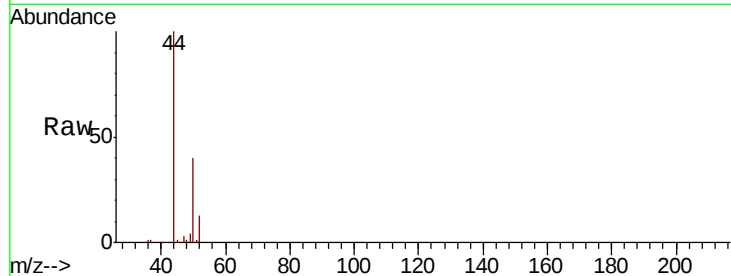
ClientSampleId :

Tot Ion: 50 Resp: 85849

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 52.569 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061242.D

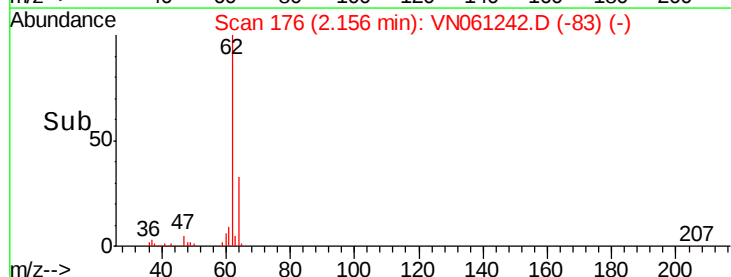
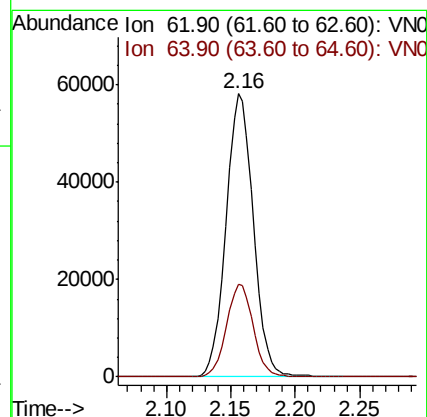
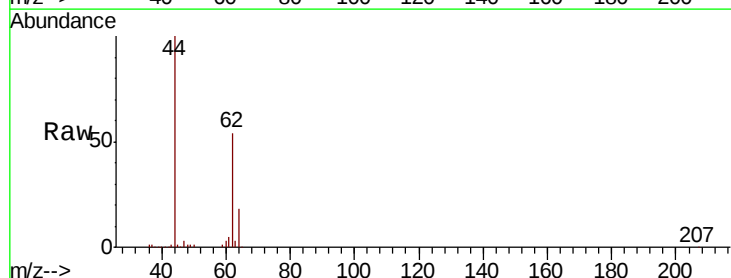
Acq: 1 May 2020 19:46

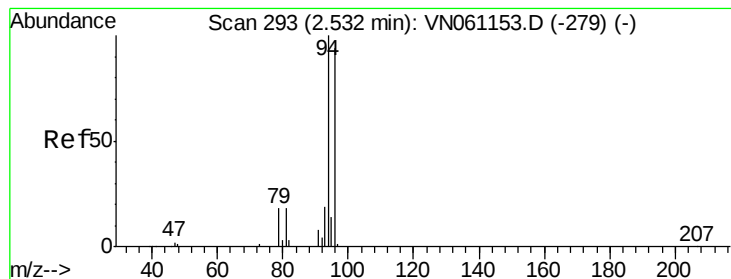
Tgt Ion: 62 Resp: 85234

Ion Ratio Lower Upper

62 100

64 32.6 25.2 37.8





#5

Bromomethane

Concen: 43.458 ug/l

RT: 2.53 min Scan# 293

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

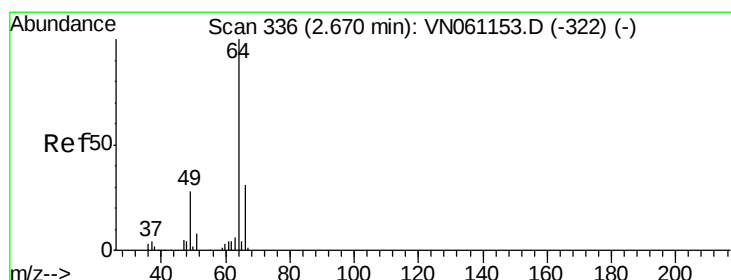
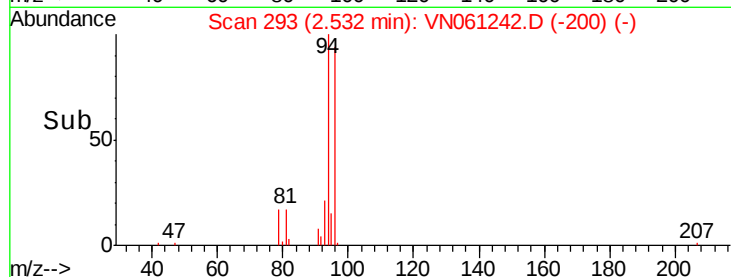
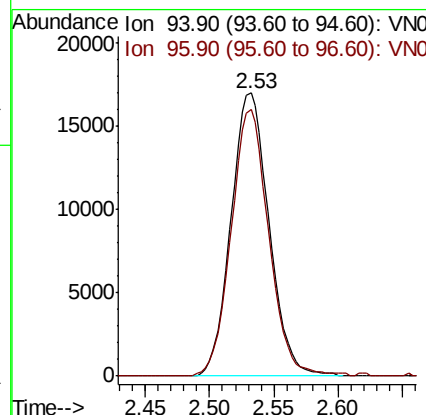
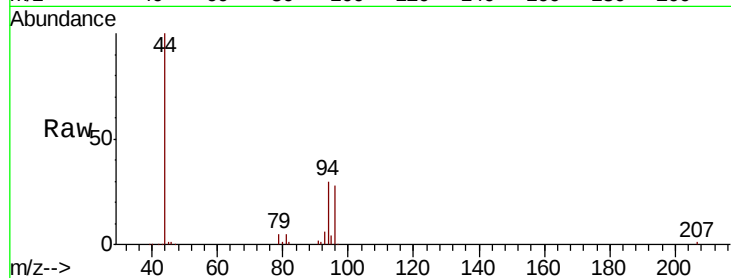
ClientSampleId :

Tot Ion: 94 Resp: 34830

Ion Ratio Lower Upper

94 100

96 94.3 75.1 112.7



#6

Chloroethane

Concen: 49.198 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061242.D

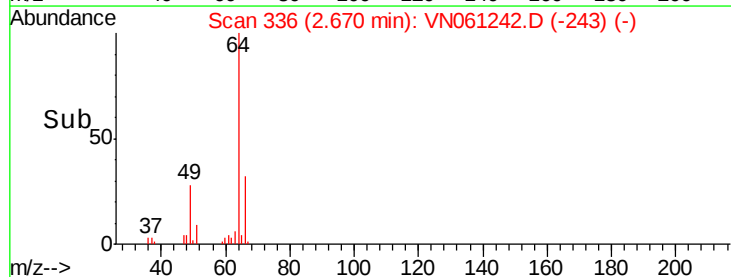
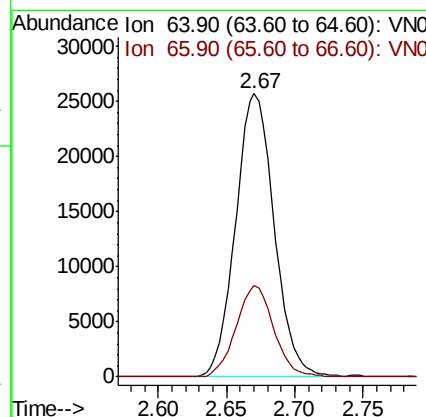
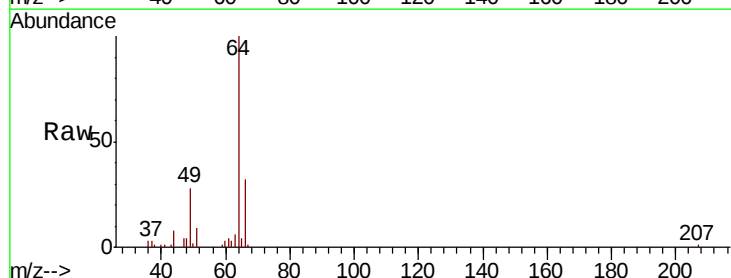
Acq: 1 May 2020 19:46

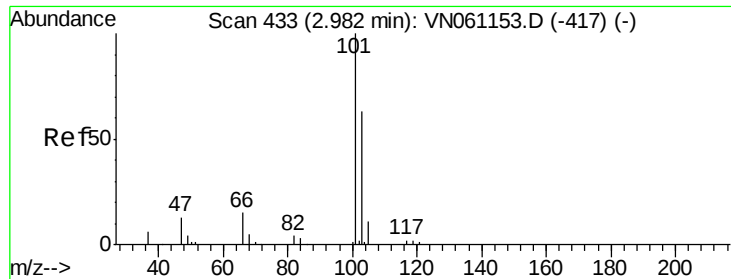
Tgt Ion: 64 Resp: 50560

Ion Ratio Lower Upper

64 100

66 32.1 24.6 36.8



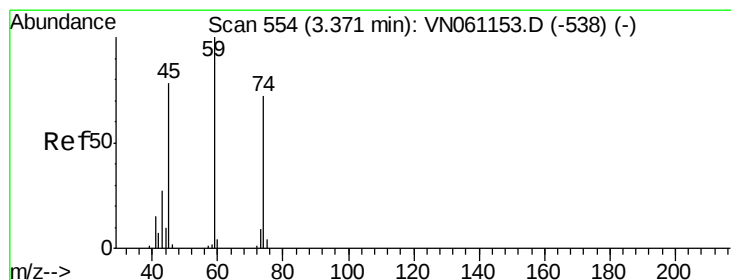
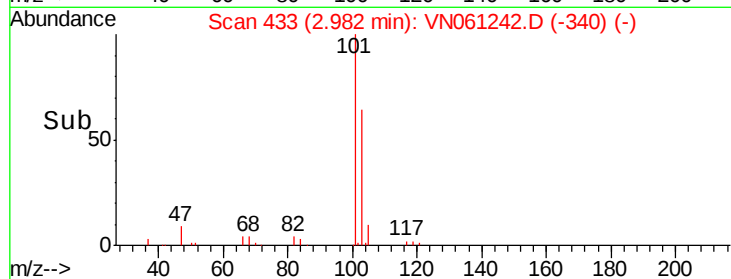
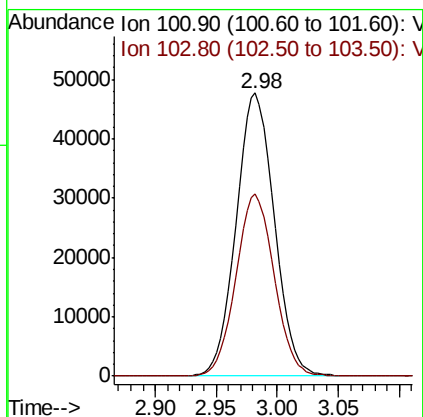
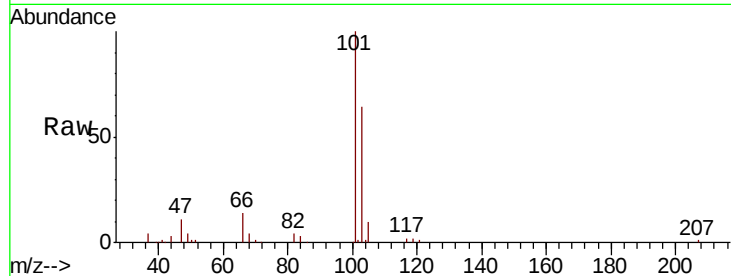


#7

Trichlorofluoromethane
 Concen: 56.588 ug/l
 RT: 2.98 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Instrument :
 MSVOA_N
 ClientSampleId :

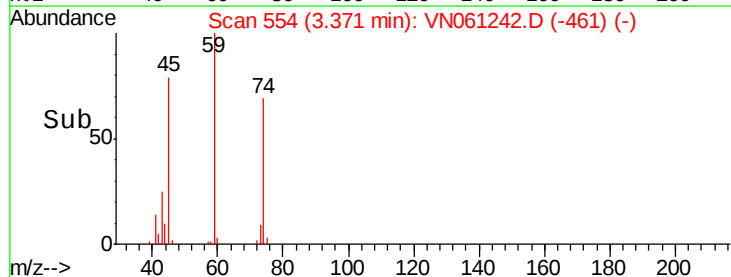
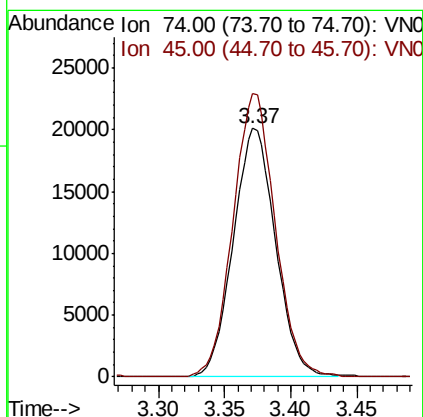
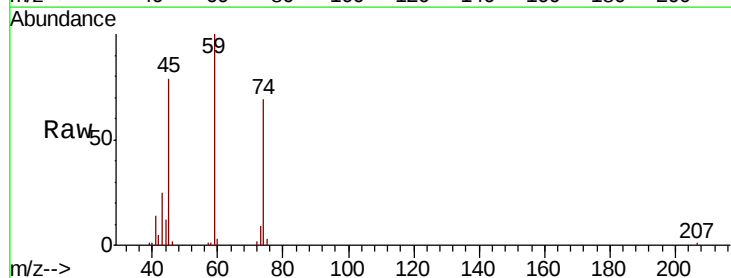
Tot Ion:101 Resp: 103513
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.6 76.0

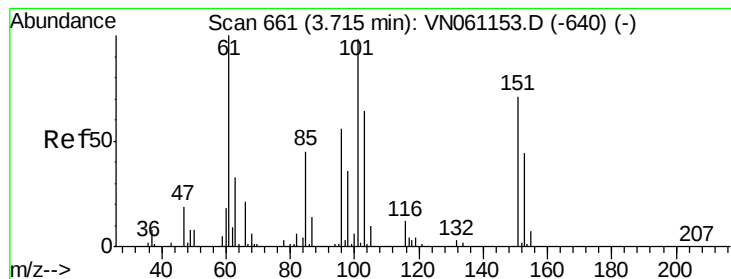


#8

Diethyl Ether
 Concen: 58.456 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Tgt Ion: 74 Resp: 44602
 Ion Ratio Lower Upper
 74 100
 45 113.7 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.968 ug/l

RT: 3.72 min Scan# 662

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

ClientSampleId :

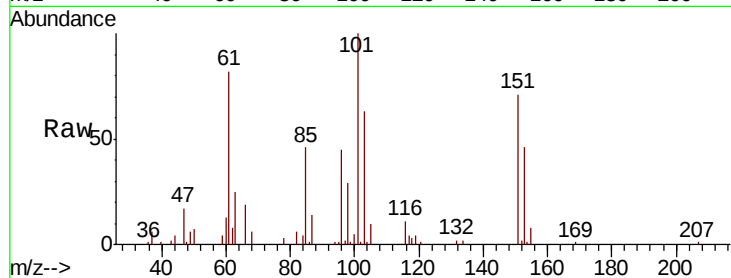
Tot Ion:101 Resp: 61242

Ion Ratio Lower Upper

101 100

85 46.3 37.2 55.8

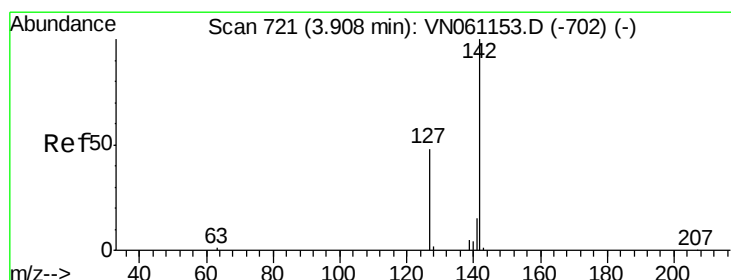
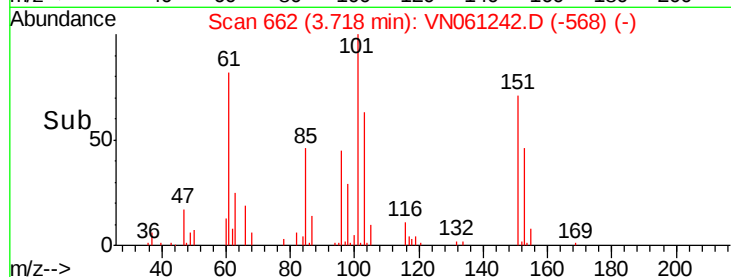
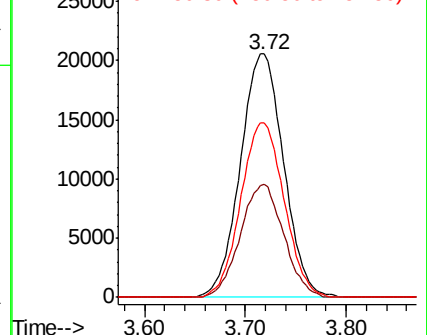
151 72.0 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.467 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

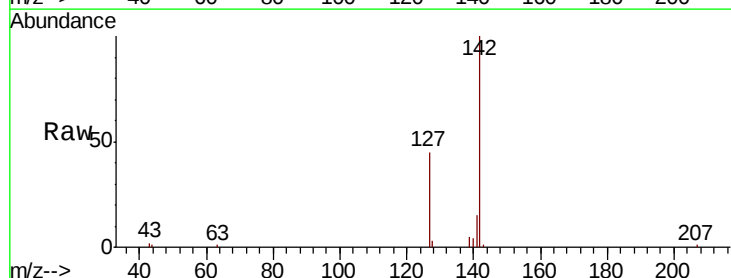
Tgt Ion:142 Resp: 70374

Ion Ratio Lower Upper

142 100

127 45.5 38.0 57.0

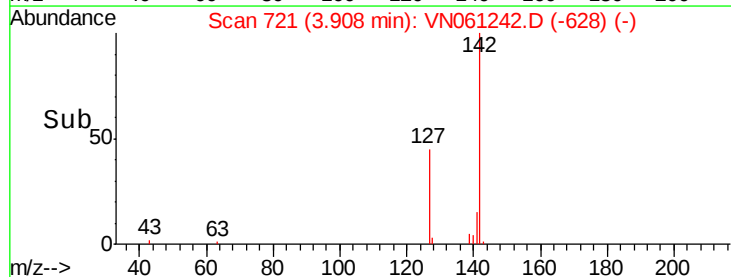
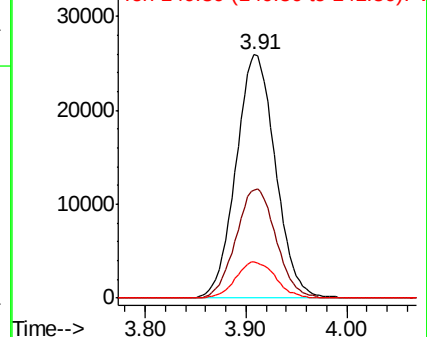
141 15.0 11.7 17.5

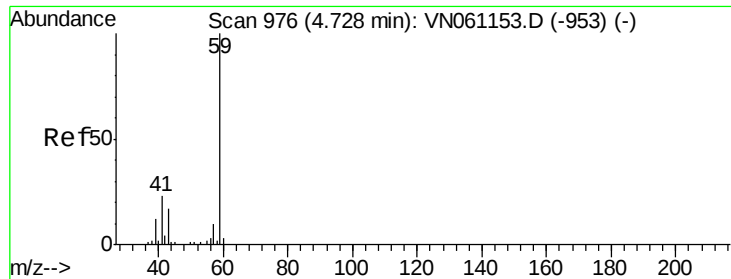


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



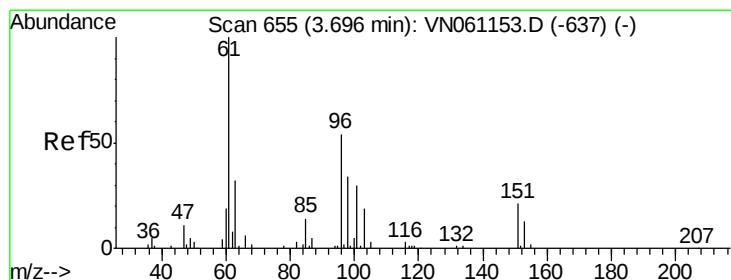
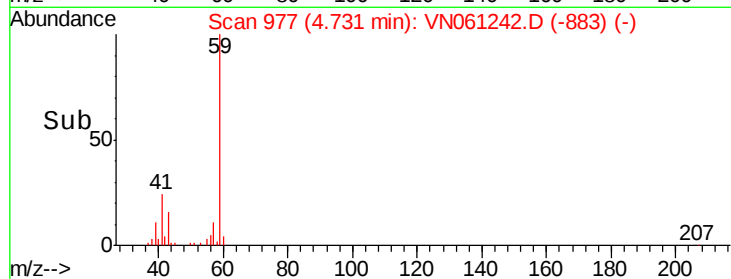
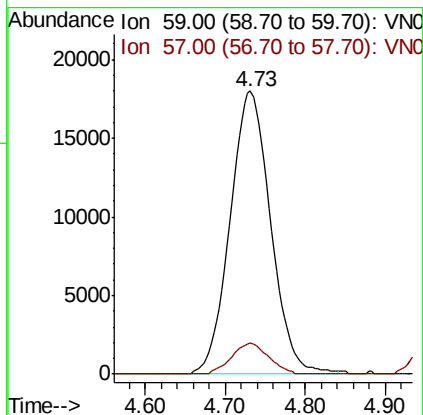
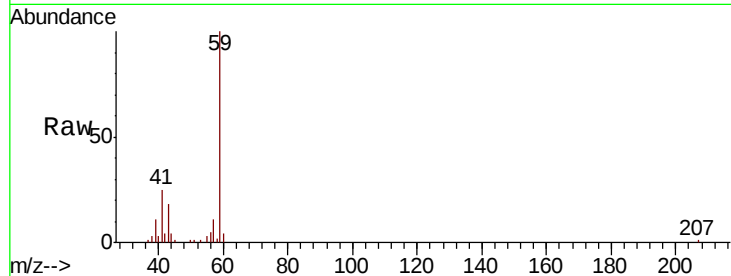


#11

Tert butyl alcohol
 Concen: 262.967 ug/l
 RT: 4.73 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Instrument :
 MSVOA_N
 ClientSampleId :

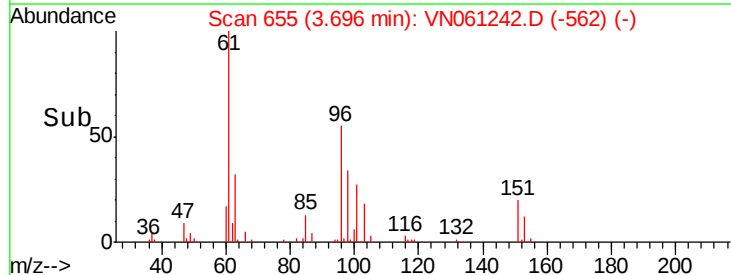
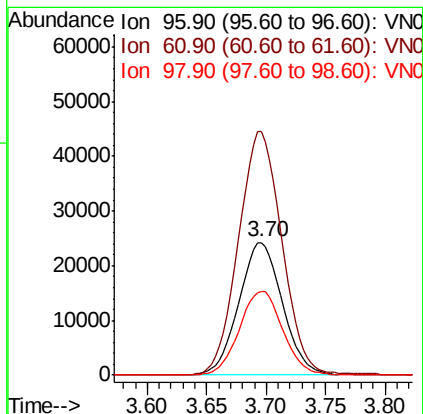
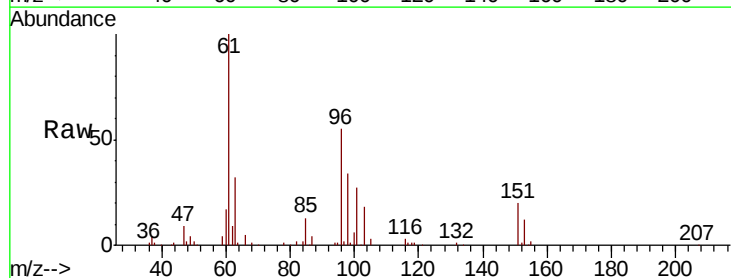
Tot Ion: 59 Resp: 61954
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

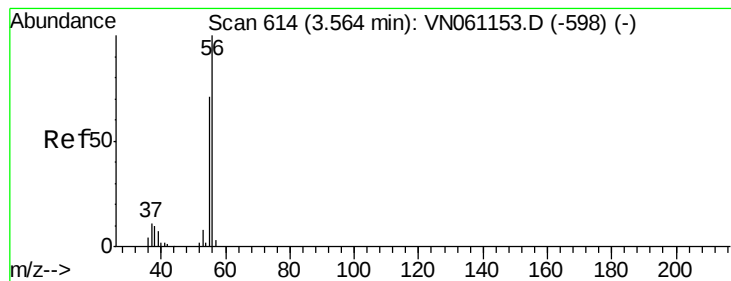


#12

1,1-Dichloroethene
 Concen: 52.458 ug/l
 RT: 3.70 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Tgt Ion: 96 Resp: 61519
 Ion Ratio Lower Upper
 96 100
 61 183.3 147.0 220.6
 98 62.9 49.8 74.6





#13

Acrolein

Concen: 255.952 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

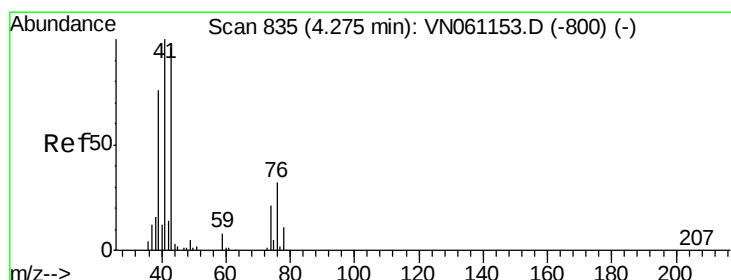
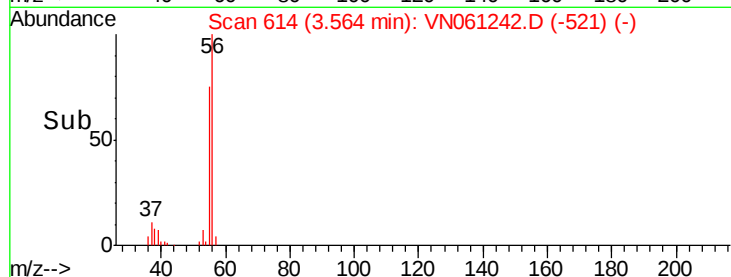
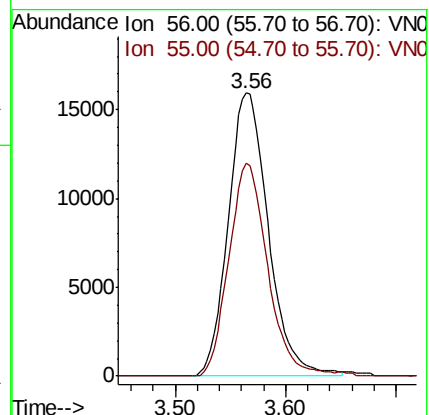
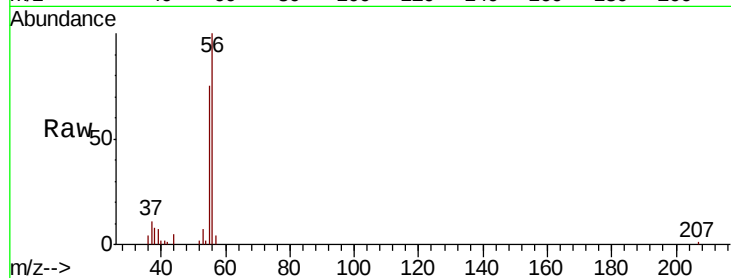
ClientSampleId :

Tot Ion: 56 Resp: 40185

Ion Ratio Lower Upper

56 100

55 72.8 58.5 87.7



#14

Allyl chloride

Concen: 62.127 ug/l

RT: 4.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

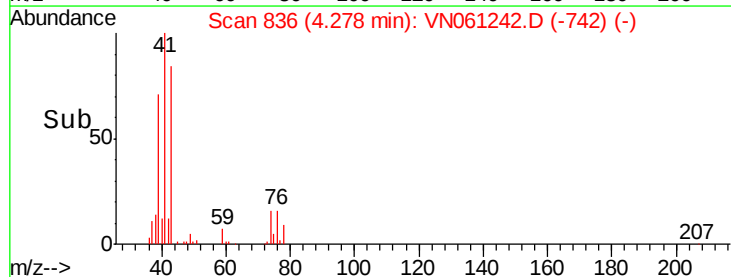
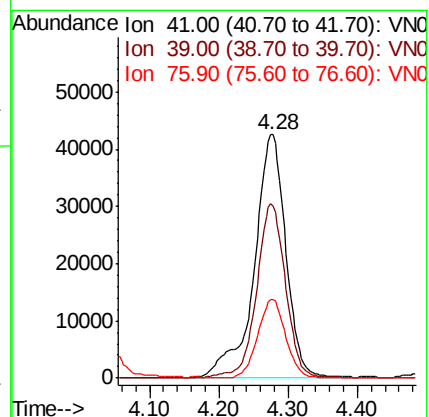
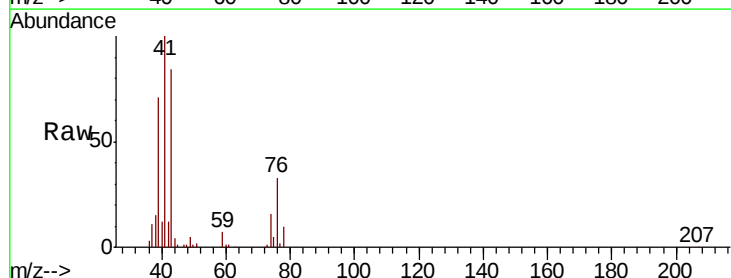
Tgt Ion: 41 Resp: 135090

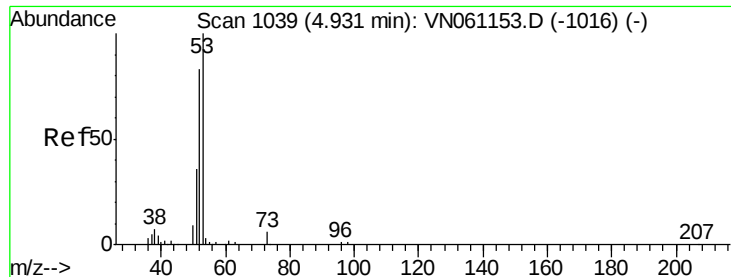
Ion Ratio Lower Upper

41 100

39 65.4 57.1 85.7

76 28.3 24.3 36.5





#15

Acrylonitrile

Concen: 290.555 ug/l

RT: 4.93 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

ClientSampled :

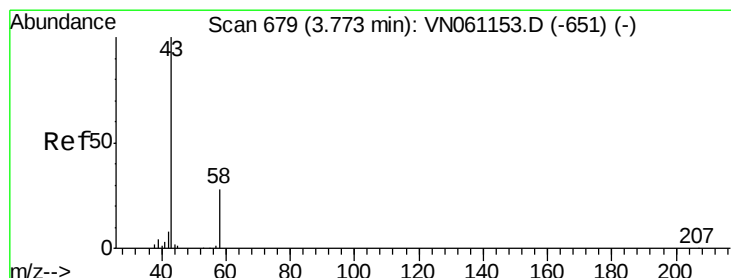
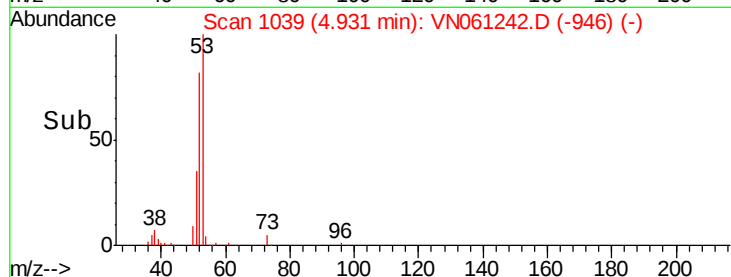
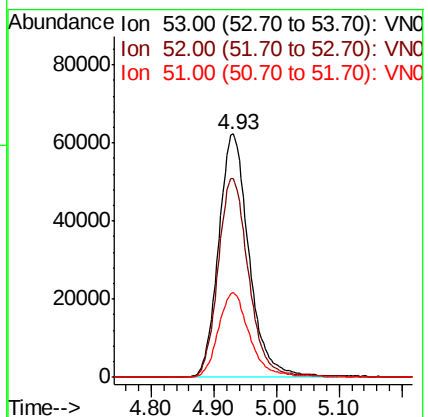
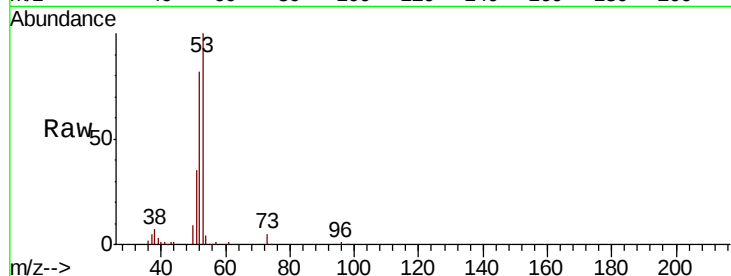
Tot Ion: 53 Resp: 210135

Ion Ratio Lower Upper

53 100

52 81.2 65.4 98.0

51 35.9 29.5 44.3



#16

Acetone

Concen: 266.190 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061242.D

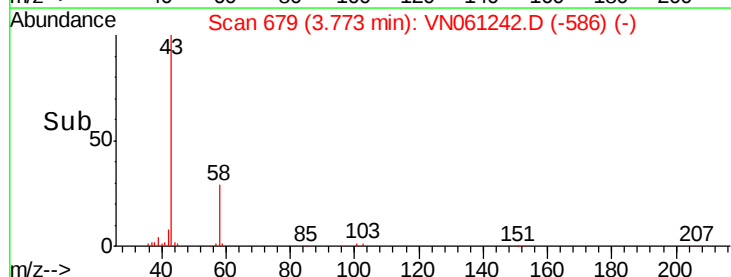
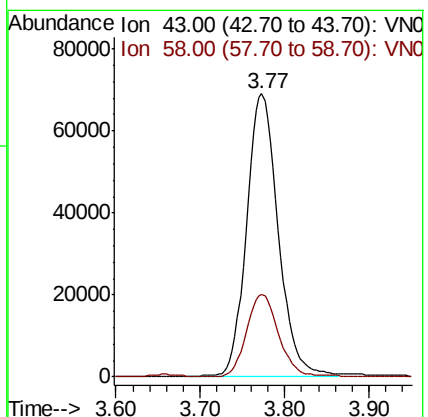
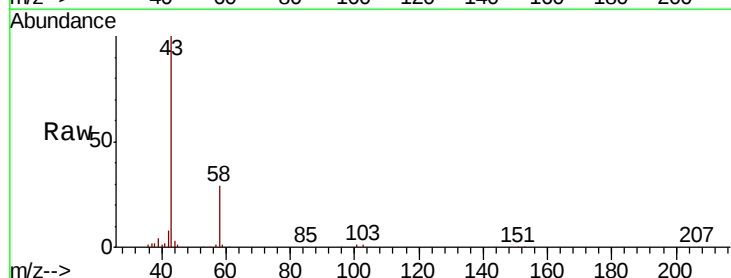
Acq: 1 May 2020 19:46

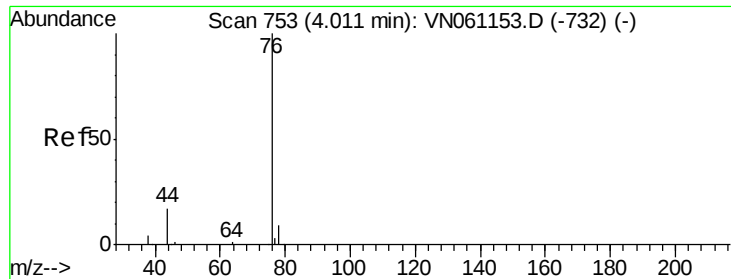
Tgt Ion: 43 Resp: 180816

Ion Ratio Lower Upper

43 100

58 28.9 22.2 33.2

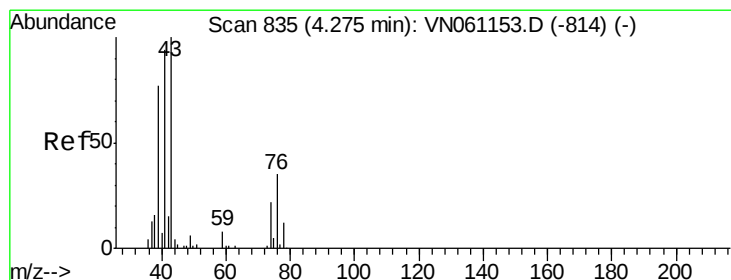
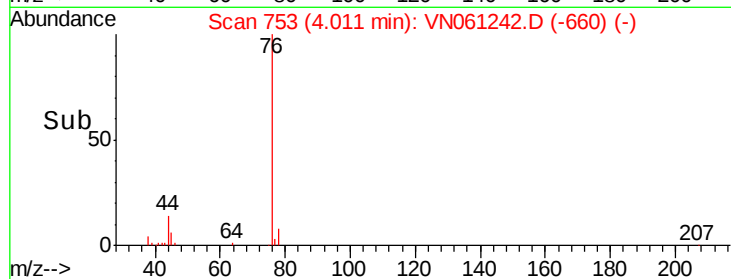
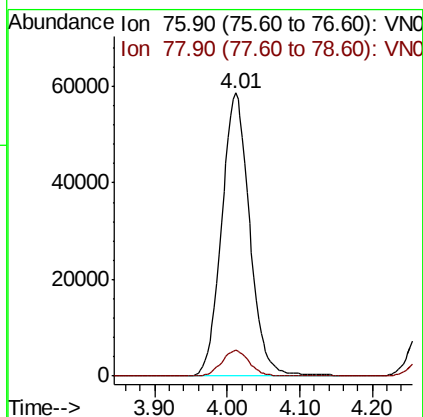
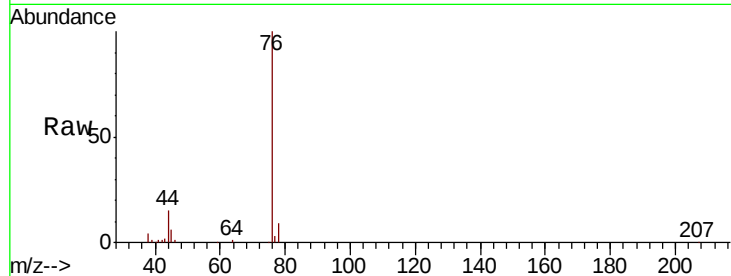




#17
Carbon Disulfide
Concen: 48.570 ug/l
RT: 4.01 min Scan# 753
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

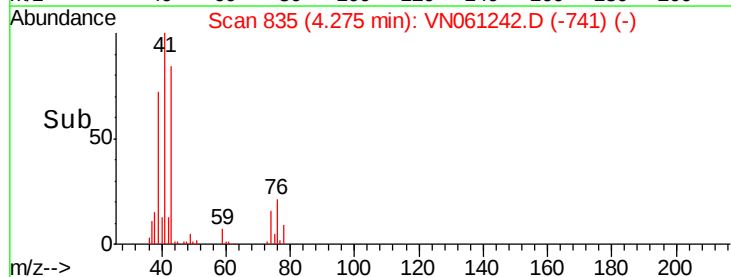
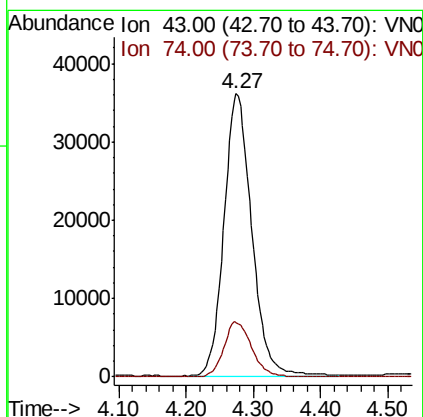
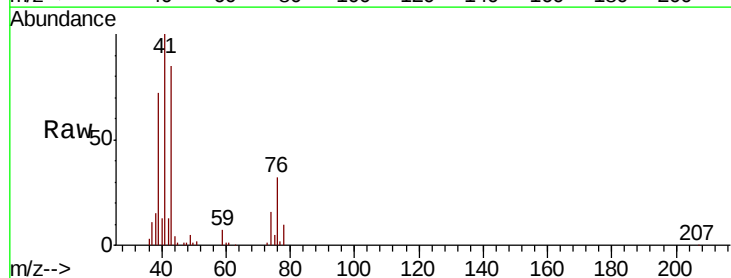
Instrument :
MSVOA_N
ClientSampleId :

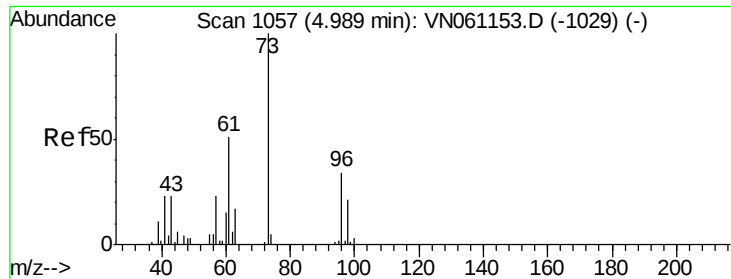
Tot Ion: 76 Resp: 157342
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 47.298 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion: 43 Resp: 104923
Ion Ratio Lower Upper
43 100
74 19.1 17.0 25.4

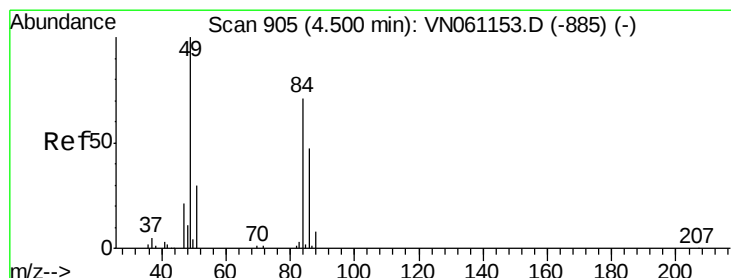
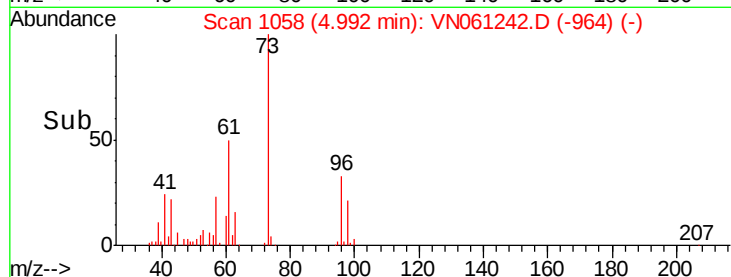
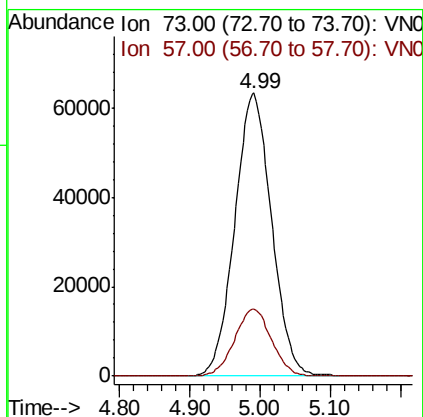
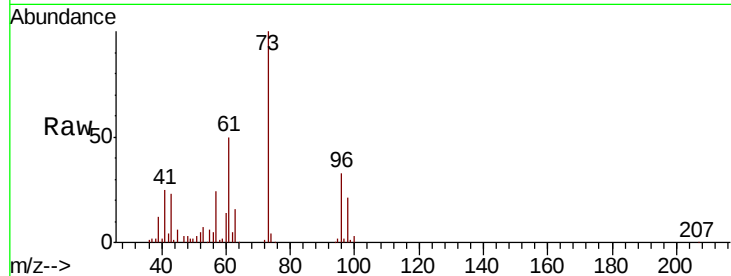




#19
Methvl tert-butvl Ether
Concen: 51.383 ug/l
RT: 4.99 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

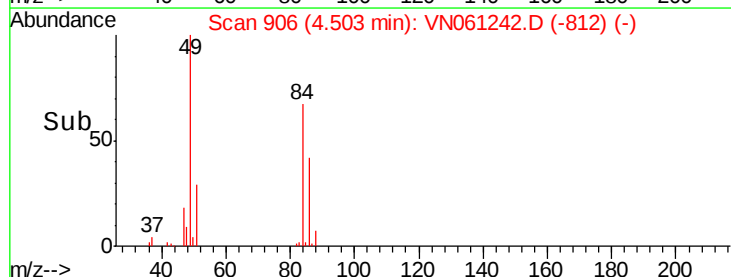
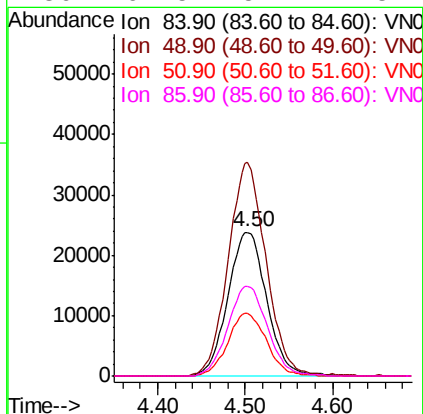
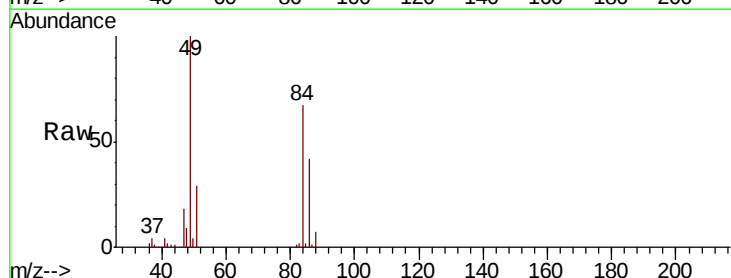
Instrument :
MSVOA_N
ClientSampleId :

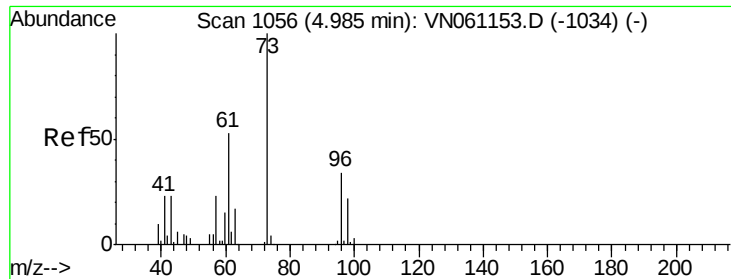
Tot Ion: 73 Resp: 230251
Ion Ratio Lower Upper
73 100
57 23.7 18.3 27.5



#20
Methylene Chloride
Concen: 53.377 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion: 84 Resp: 73201
Ion Ratio Lower Upper
84 100
49 148.9 112.0 168.0
51 43.5 33.6 50.4
86 62.5 52.1 78.1

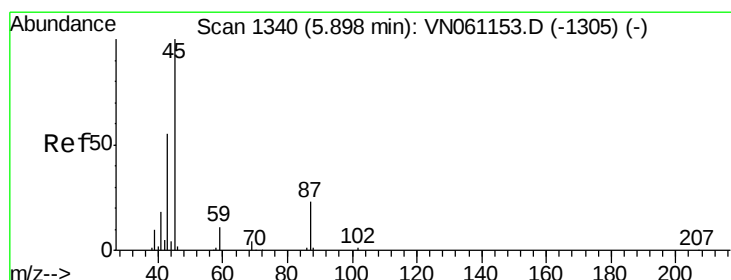
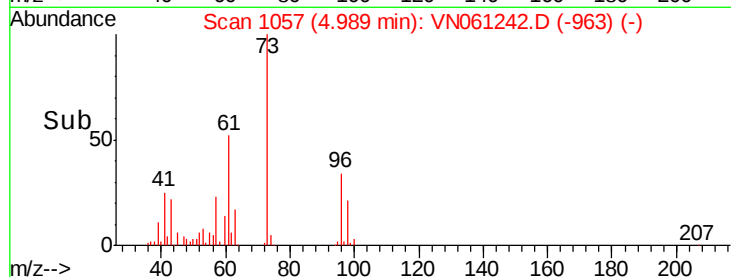
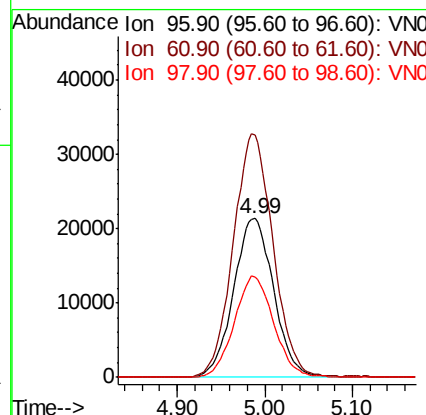
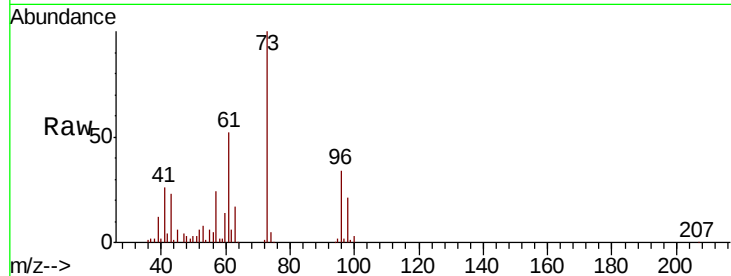




#21
trans-1,2-Dichloroethene
Concen: 53.205 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

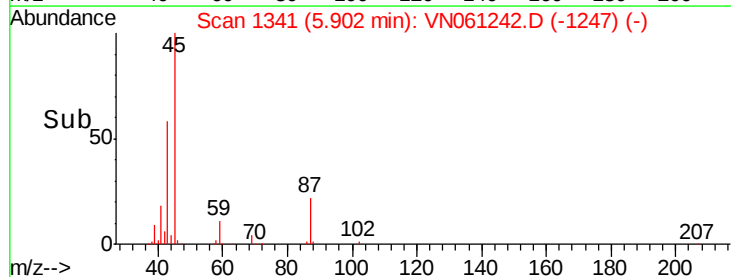
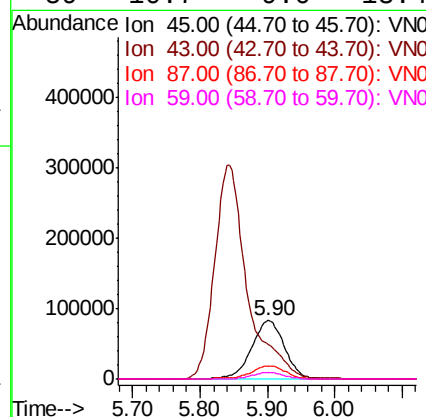
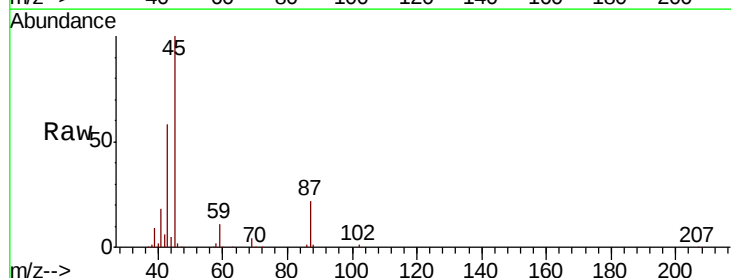
Instrument :
MSVOA_N
ClientSampled :

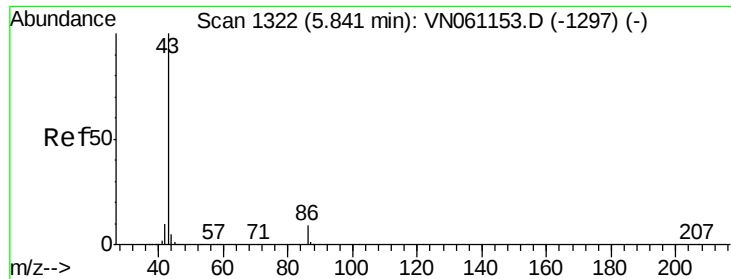
Tot Ion: 96 Resp: 67942
Ion Ratio Lower Upper
96 100
61 153.0 123.0 184.4
98 63.6 50.1 75.1



#22
Diisopropyl ether
Concen: 55.896 ug/l
RT: 5.90 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion: 45 Resp: 281845
Ion Ratio Lower Upper
45 100
43 57.3 47.9 71.9
87 22.4 19.2 28.8
59 10.7 9.0 13.4





#23

Vinyl Acetate

Concen: 252.565 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

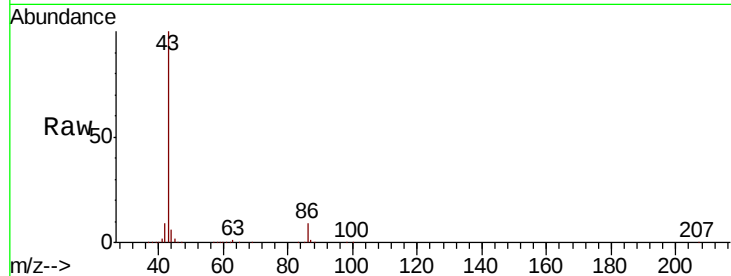
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1025412

Ion Ratio Lower Upper

43 100

86 8.7 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1297) (-)

Ion 86.00 (85.70 to 86.70): VN061153.D (-1297) (-)

5.84

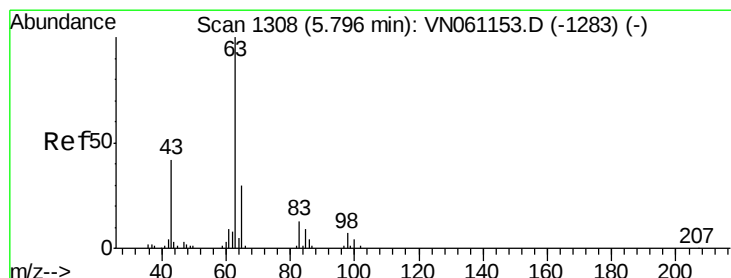
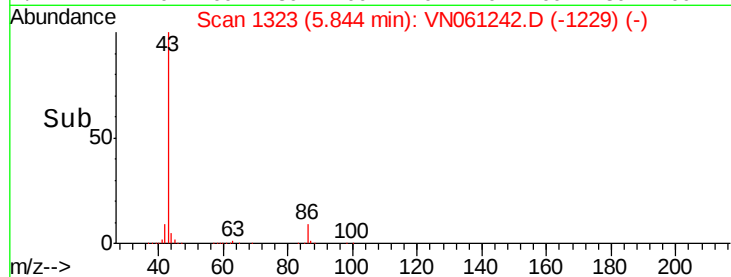
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.886 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

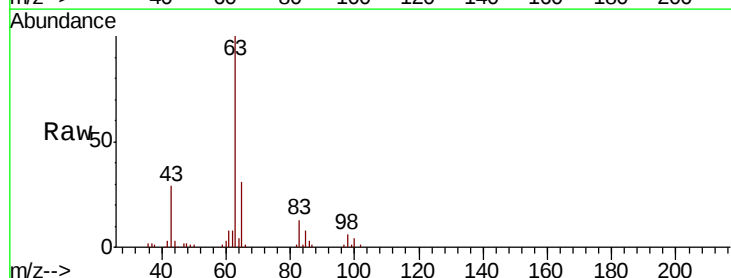
Tgt Ion: 63 Resp: 141964

Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.9

100 4.3 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-1283) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1283) (-)

Ion 99.90 (99.60 to 100.60): VN061153.D (-1283) (-)

5.80

60000

50000

40000

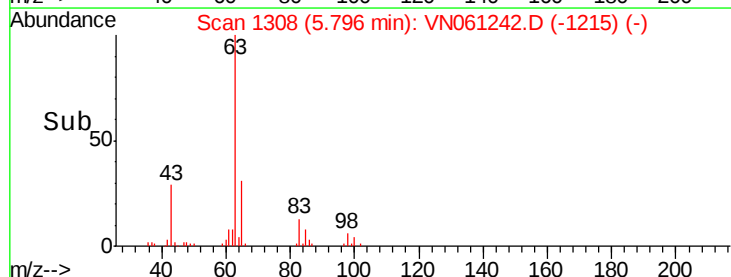
30000

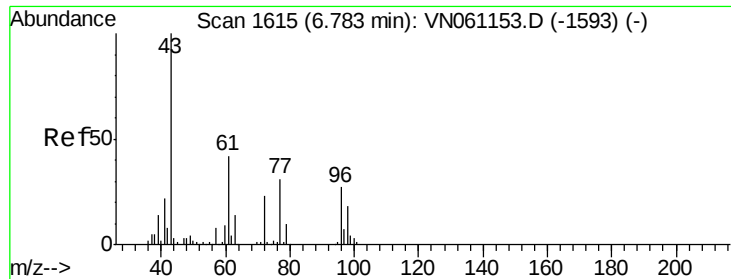
20000

10000

0

Time-->

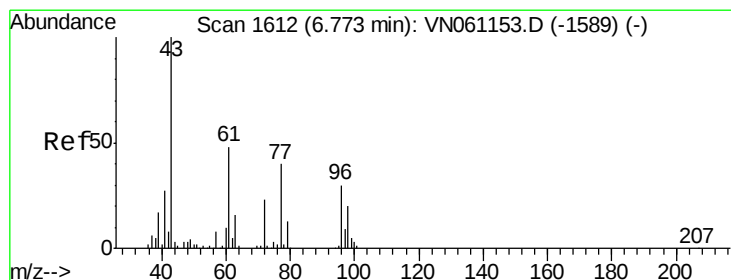
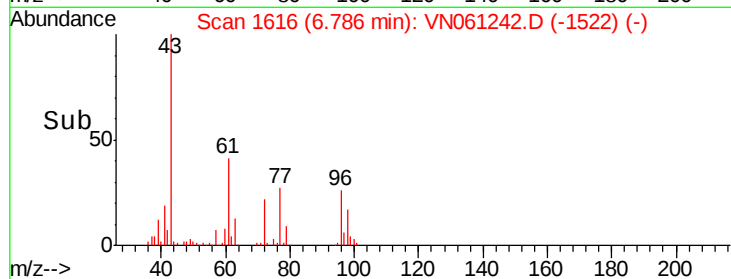
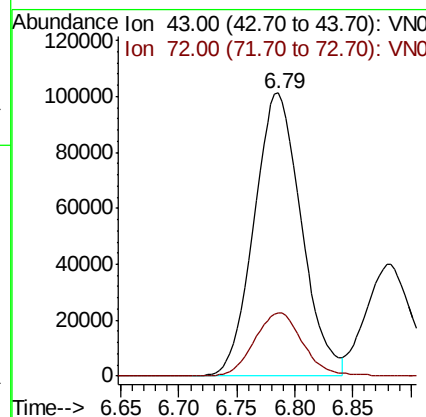
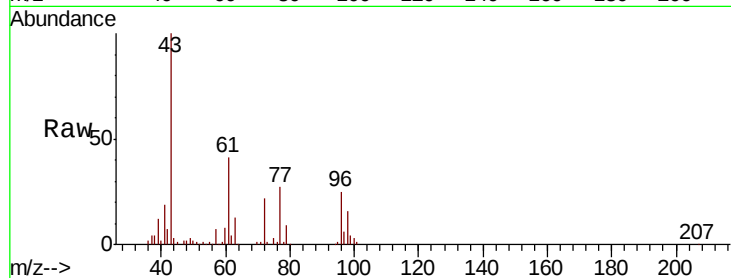




#25
2-Butanone
Concen: 275.592 ug/l
RT: 6.79 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

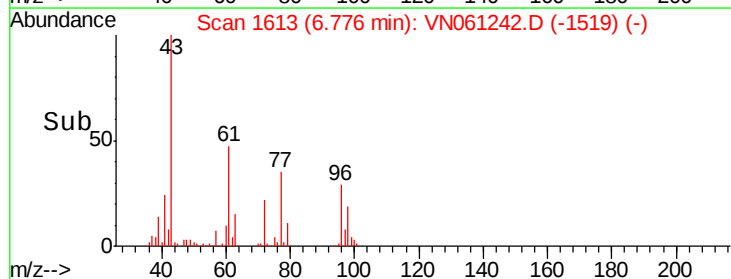
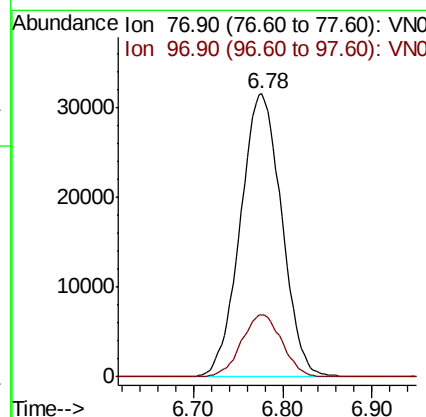
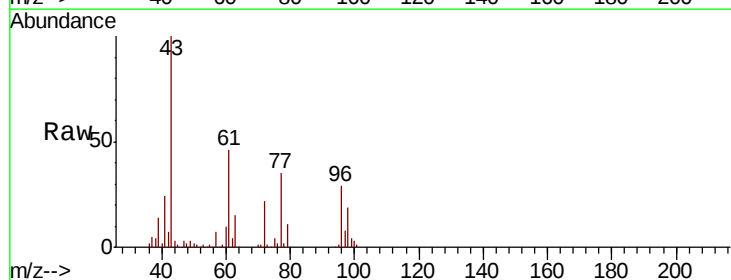
Instrument :
MSVOA_N
ClientSampled :

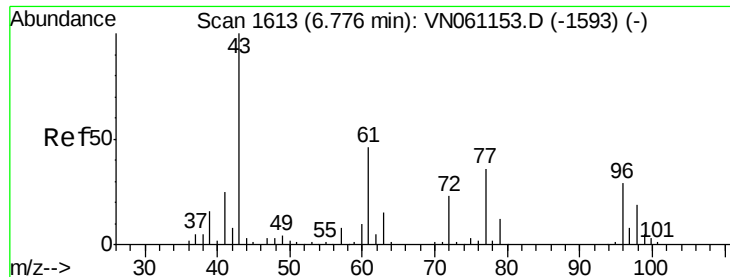
Tot Ion: 43 Resp: 286809
Ion Ratio Lower Upper
43 100
72 22.2 18.2 27.4



#26
2,2-Dichloropropane
Concen: 45.565 ug/l
RT: 6.78 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion: 77 Resp: 101110
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 52.568 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

ClientSampled :

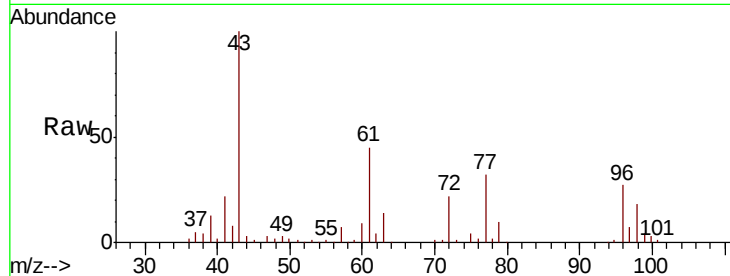
Tot Ion: 96 Resp: 78776

Ion Ratio Lower Upper

96 100

61 160.4 0.0 322.0

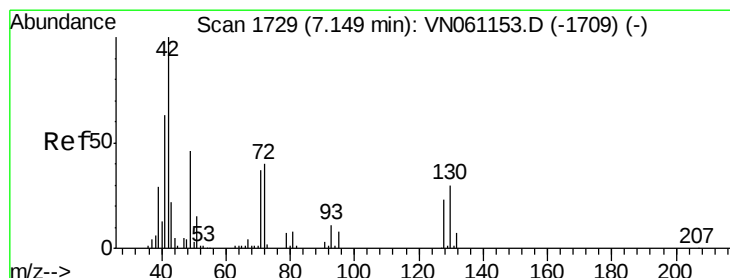
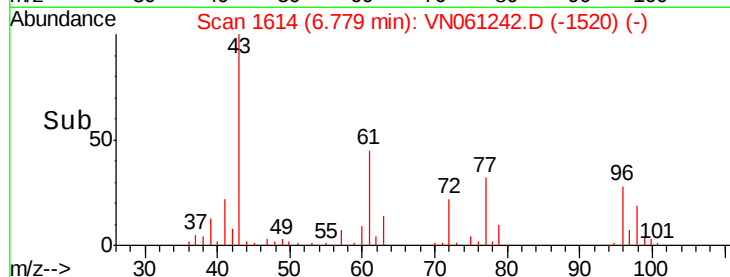
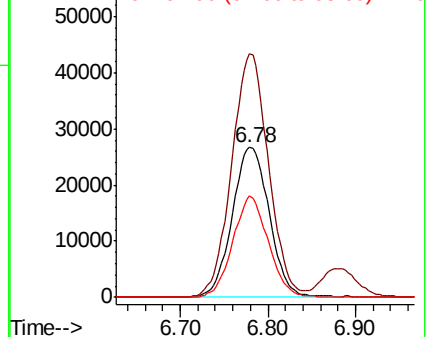
98 64.4 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN061153.D (-1593) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1593) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1593) (-)



#28

Bromochloromethane

Concen: 55.105 ug/l

RT: 7.15 min Scan# 1730

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

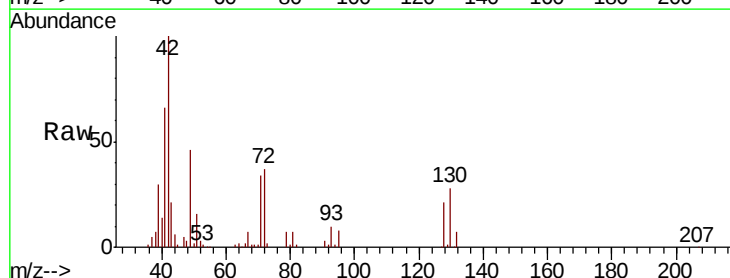
Tgt Ion: 49 Resp: 68810

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.0

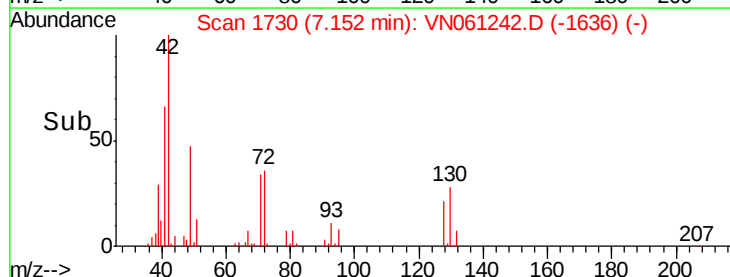
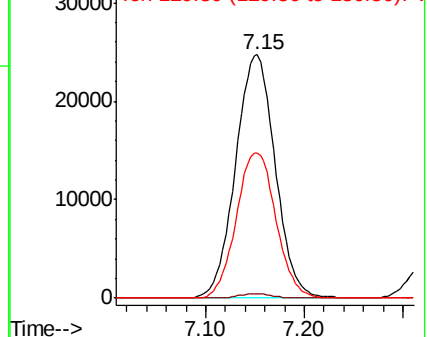
130 59.7 51.4 77.2

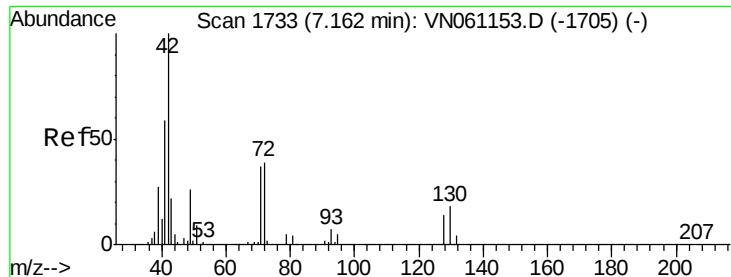


Abundance Ion 48.90 (48.60 to 49.60): VN061153.D (-1709) (-)

Ion 128.80 (128.50 to 129.50): VN061153.D (-1709) (-)

Ion 129.80 (129.50 to 130.50): VN061153.D (-1709) (-)

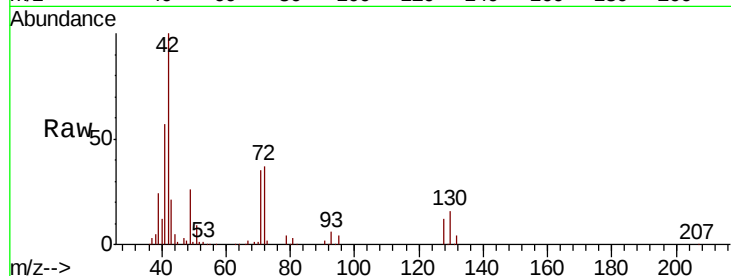




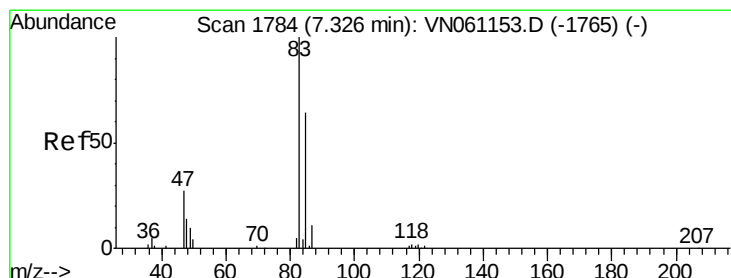
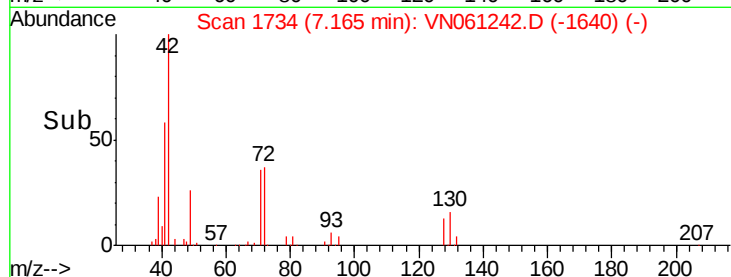
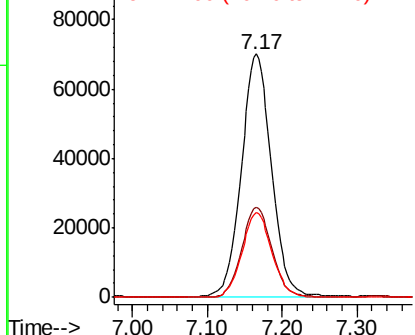
#29
Tetrahydrofuran
Concen: 281.134 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 197086
Ion Ratio Lower Upper
42 100
72 36.9 31.4 47.0
71 34.4 29.5 44.3

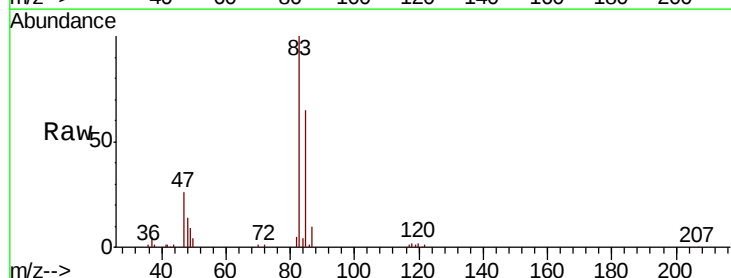


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

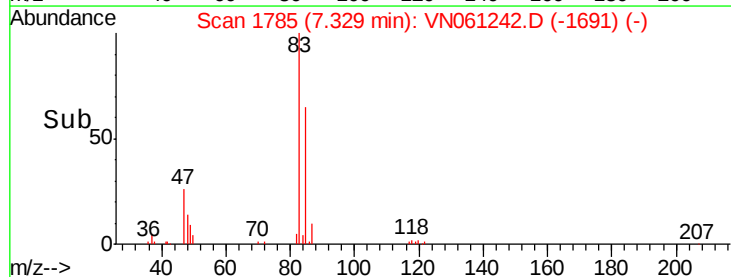
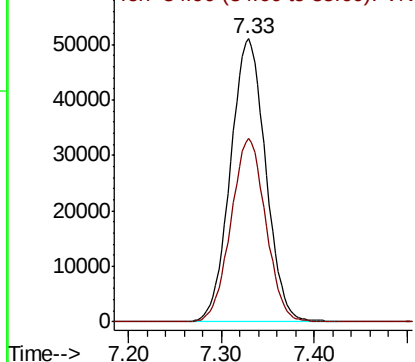


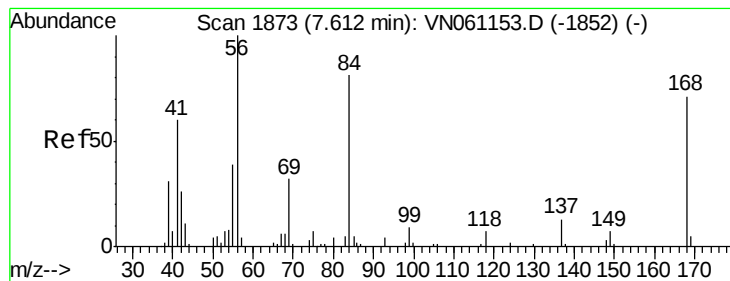
#30
Chloroform
Concen: 50.324 ug/l
RT: 7.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion: 83 Resp: 134355
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7



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





#31

Cyclohexane

Concen: 48.853 ug/l

RT: 7.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

ClientSampled :

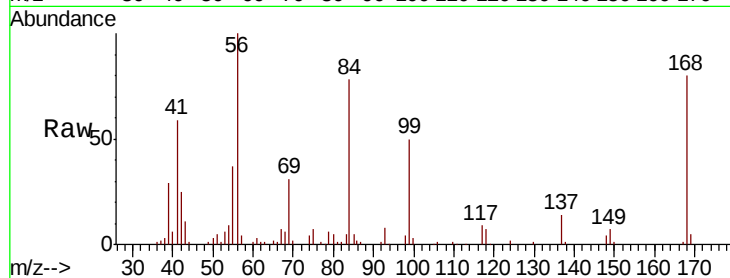
Tot Ion: 56 Resp: 124991

Ion Ratio Lower Upper

56 100

69 31.2 25.7 38.5

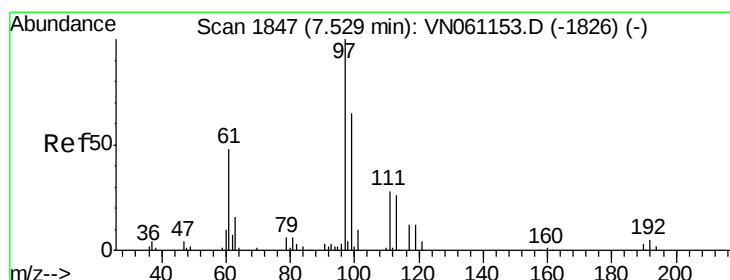
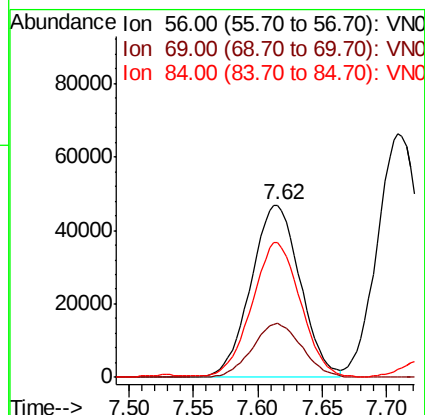
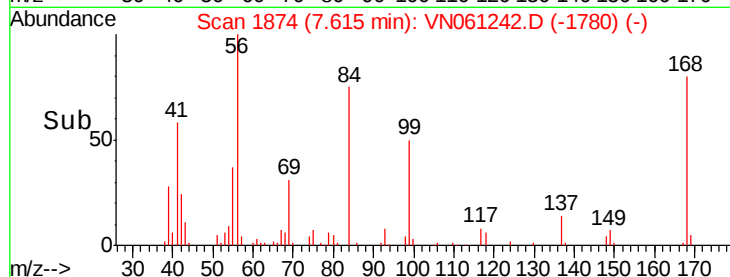
84 77.3 64.6 97.0



Abundance Ion 56.00 (55.70 to 56.70): VN061153.D (-1852) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-1852) (-)

Ion 84.00 (83.70 to 84.70): VN061153.D (-1852) (-)



#32

1,1,1-Trichloroethane

Concen: 49.294 ug/l

RT: 7.53 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

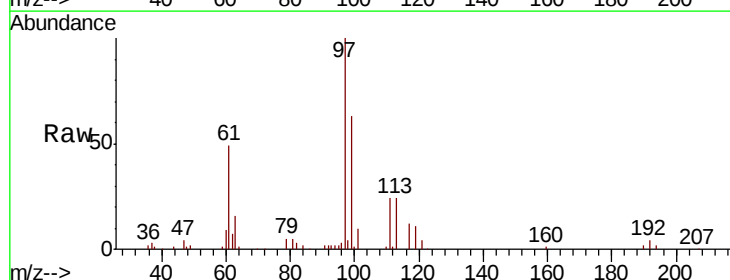
Tgt Ion: 97 Resp: 114600

Ion Ratio Lower Upper

97 100

99 63.5 51.3 76.9

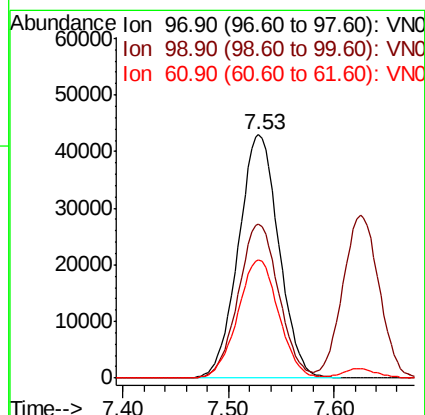
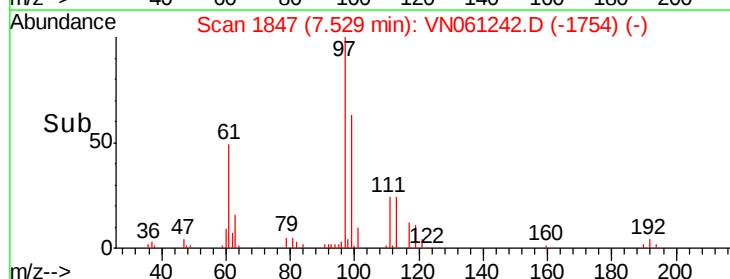
61 49.1 38.6 57.8

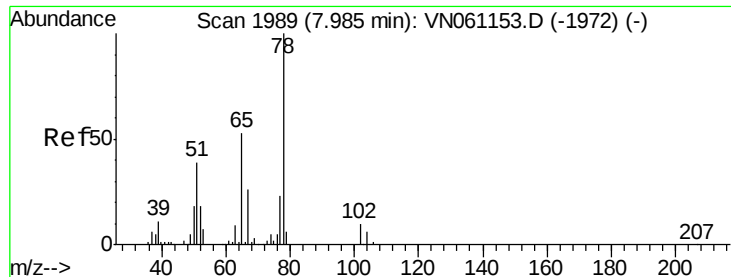


Abundance Ion 96.90 (96.60 to 97.60): VN061153.D (-1826) (-)

Ion 98.90 (98.60 to 99.60): VN061153.D (-1826) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1826) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.964 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

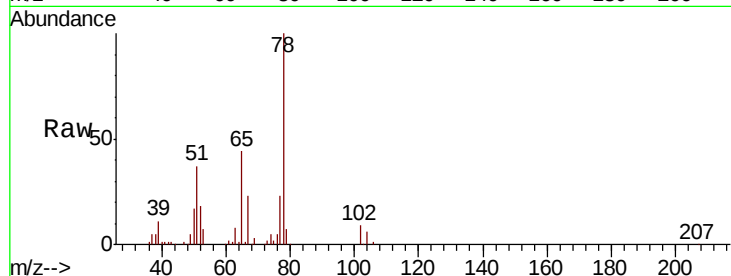
ClientSampled :

Tot Ion: 65 Resp: 86115

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061153.D (-1972) (-)

Ion 66.90 (66.60 to 67.60): VN061153.D (-1972) (-)

7.99

40000

30000

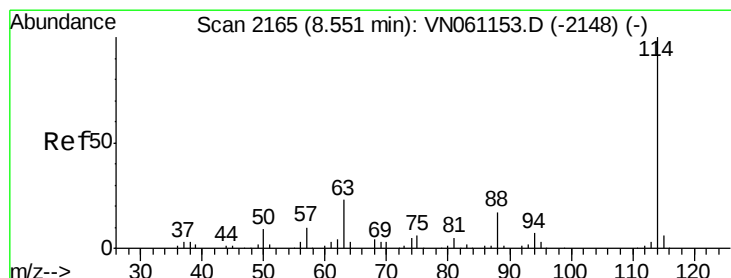
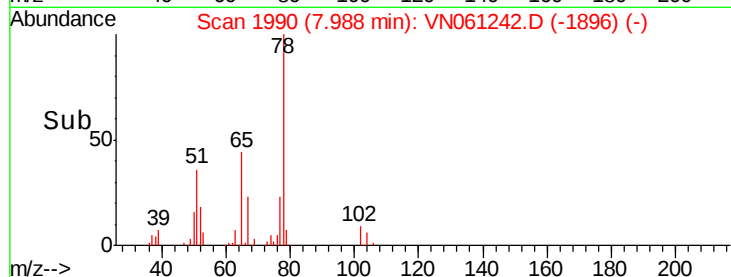
20000

10000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

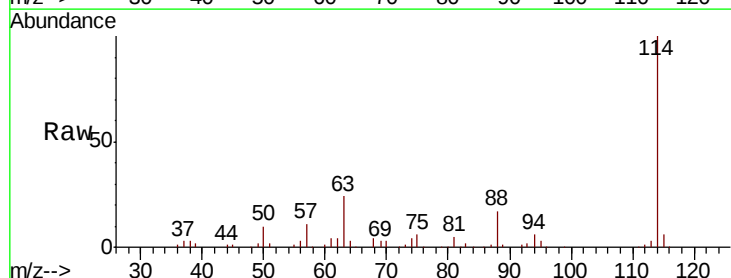
Tgt Ion: 114 Resp: 189834

Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.6

88 16.7 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VN061153.D (-2148) (-)

Ion 63.00 (62.70 to 63.70): VN061153.D (-2148) (-)

Ion 87.90 (87.60 to 88.60): VN061153.D (-2148) (-)

8.55

120000

100000

80000

60000

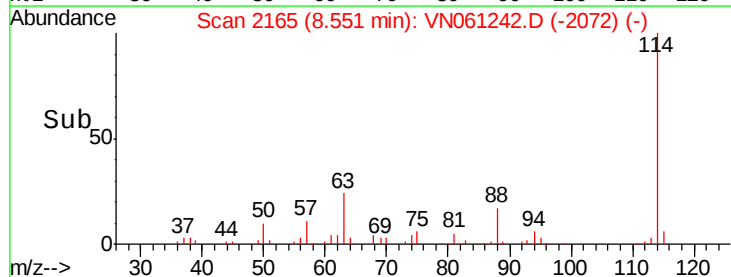
40000

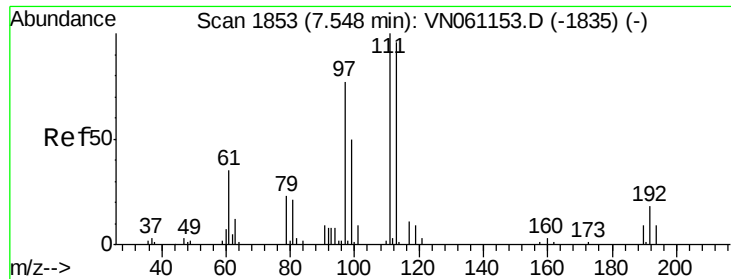
20000

0

8.50 8.55 8.60 8.65 8.70

Time-->

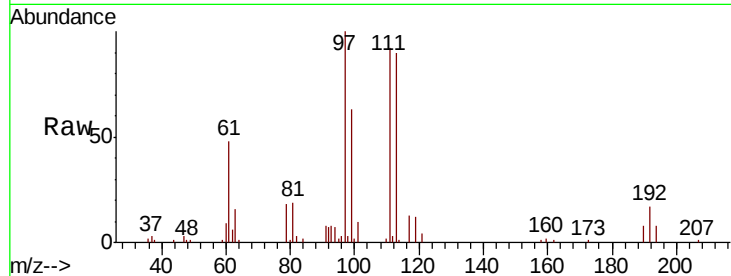




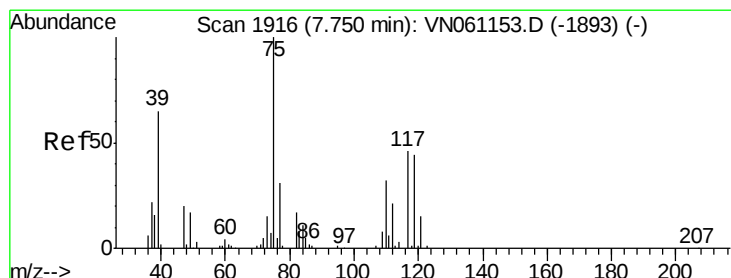
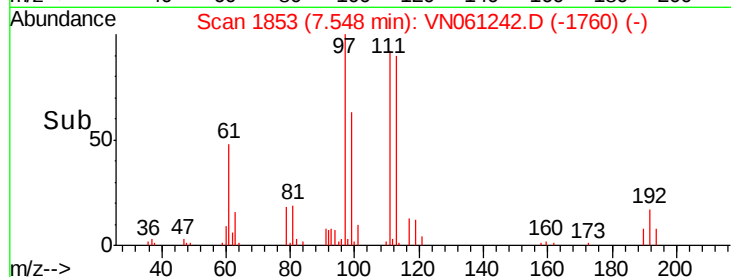
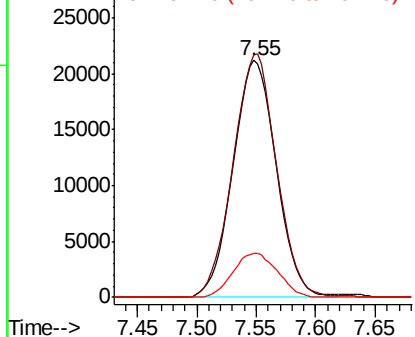
#35
 Dibromofluoromethane
 Concen: 47.630 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	19.0	14.7	22.1

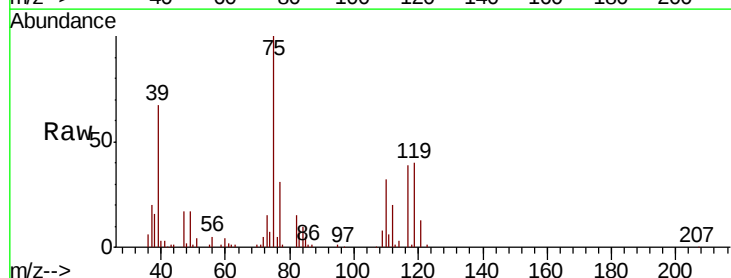


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

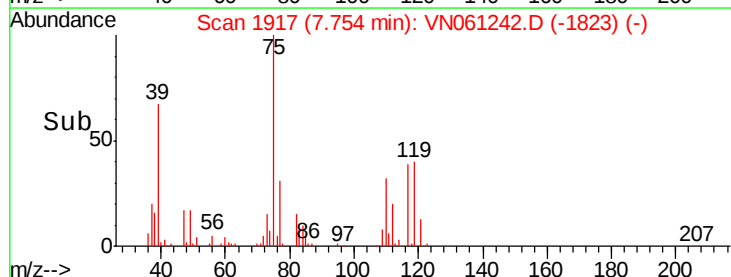
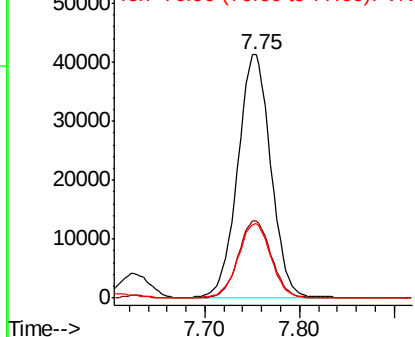


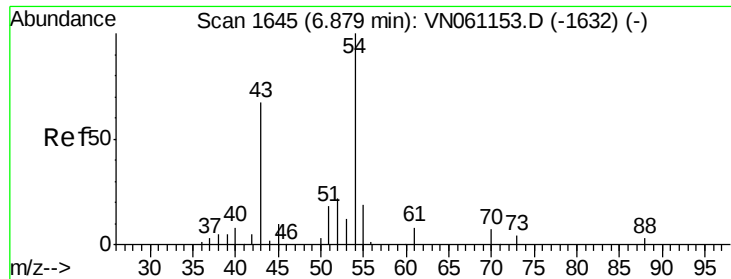
#36
 1,1-Dichloropropene
 Concen: 53.054 ug/l
 RT: 7.75 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.5	16.0	48.0
77	30.3	24.6	37.0



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

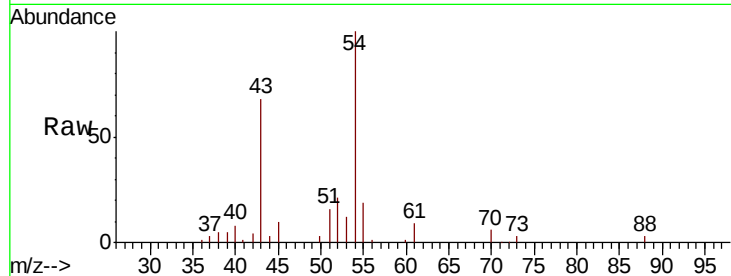




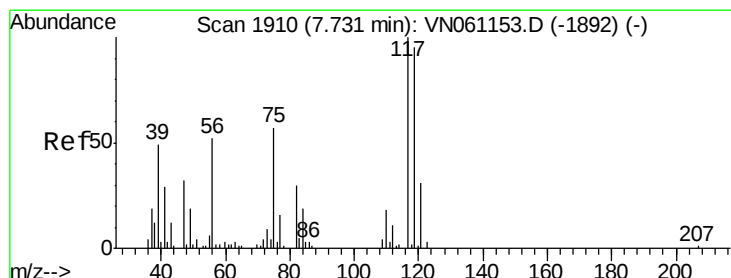
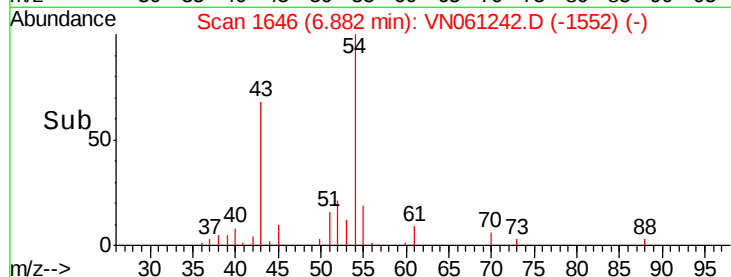
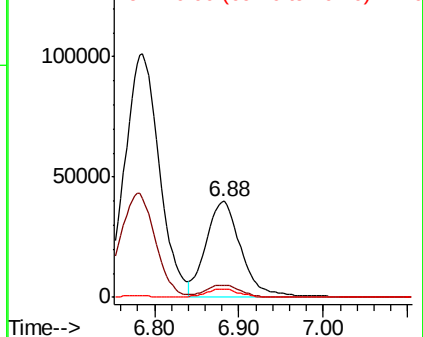
#37
Ethyl Acetate
Concen: 51.326 ug/l
RT: 6.88 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 114345
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.2
70 8.5 7.2 10.8

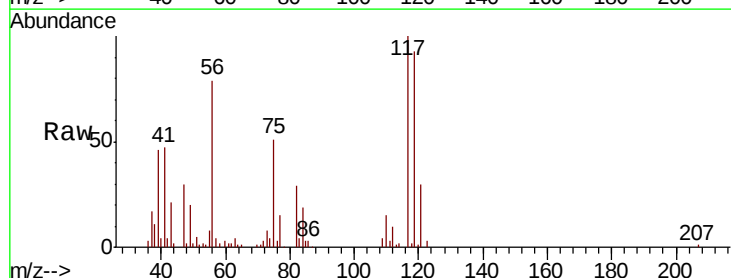


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

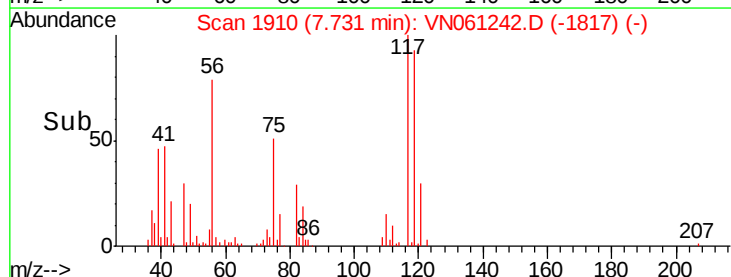
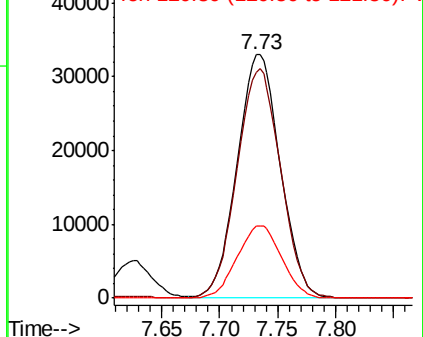


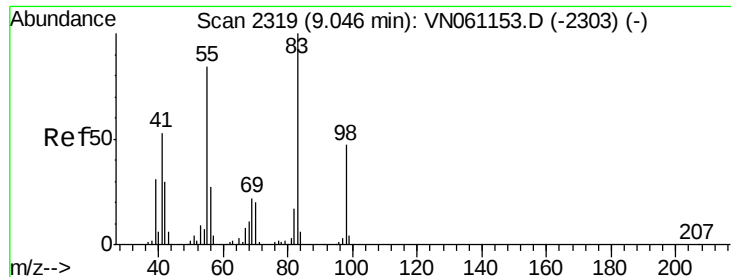
#38
Carbon Tetrachloride
Concen: 49.307 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion: 117 Resp: 85433
Ion Ratio Lower Upper
117 100
119 92.9 75.8 113.6
121 29.5 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

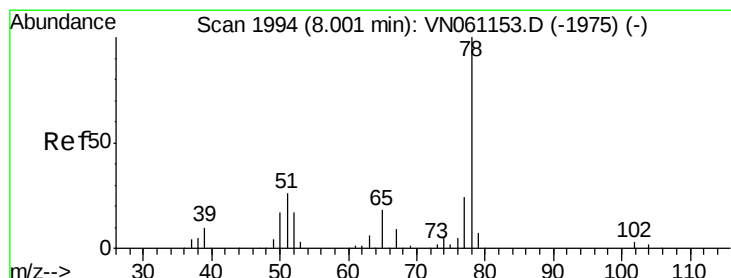
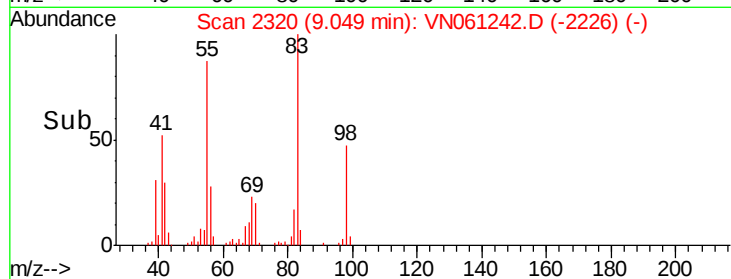
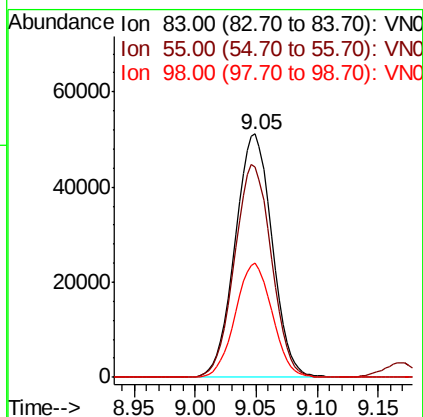
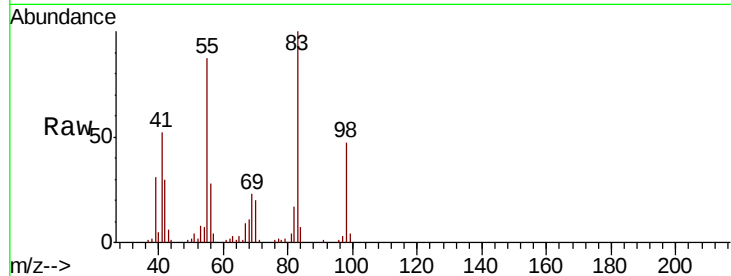




#39
Methvlcvclohexane
Concen: 50.504 ug/l
RT: 9.05 min Scan# 2320
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

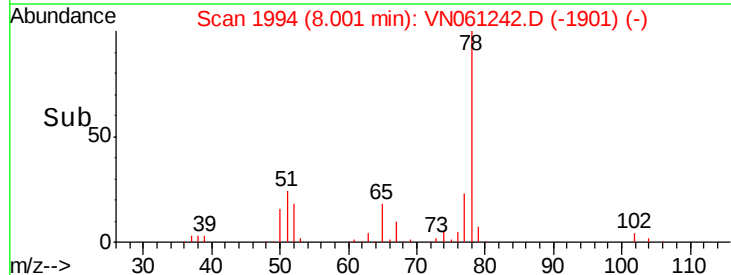
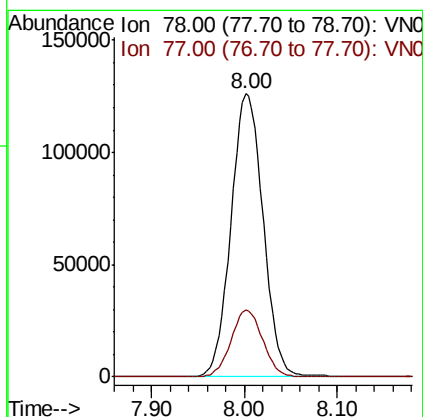
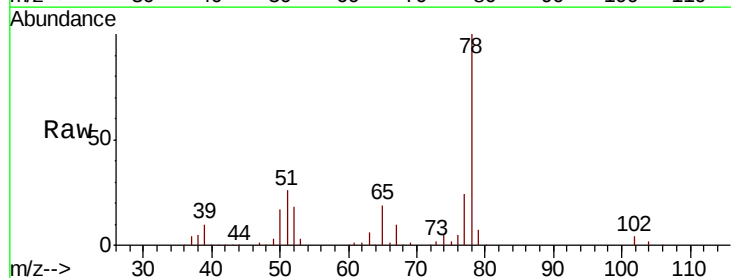
Instrument :
MSVOA_N
ClientSampleId :

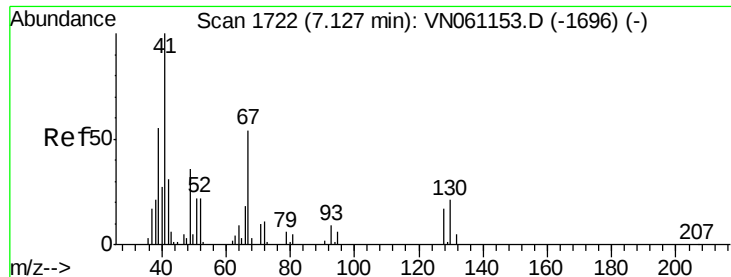
Tot Ion: 83 Resp: 107631
Ion Ratio Lower Upper
83 100
55 86.6 67.3 100.9
98 46.9 37.7 56.5



#40
Benzene
Concen: 53.529 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion: 78 Resp: 303056
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

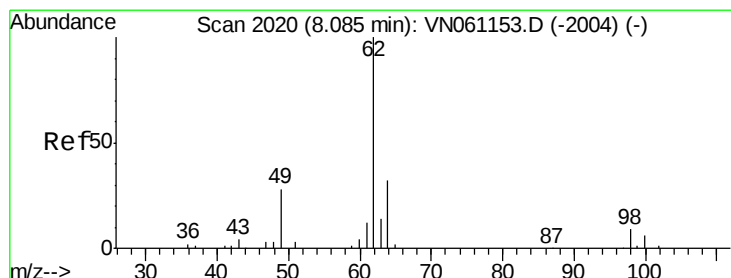
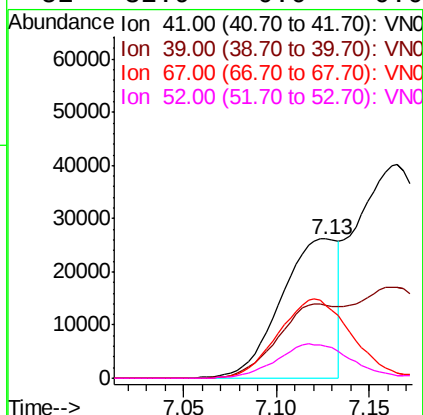
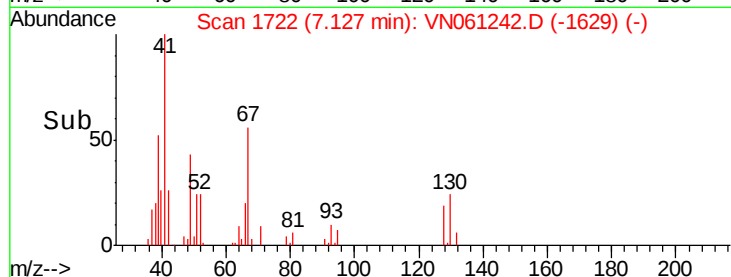
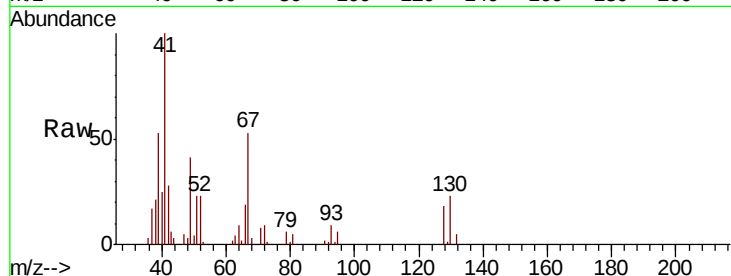




#41
Methacrylonitrile
Concen: 60.466 ug/l
RT: 7.13 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

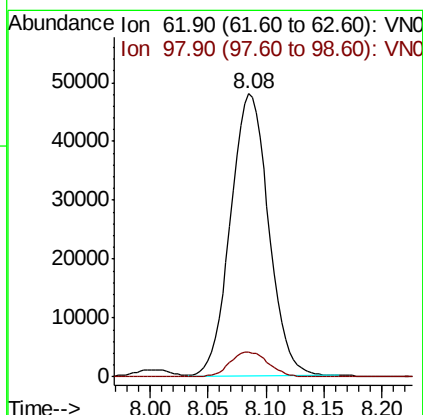
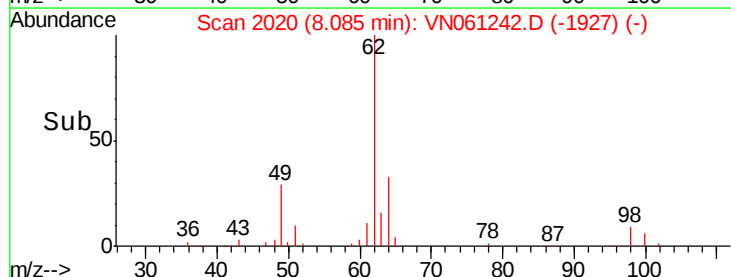
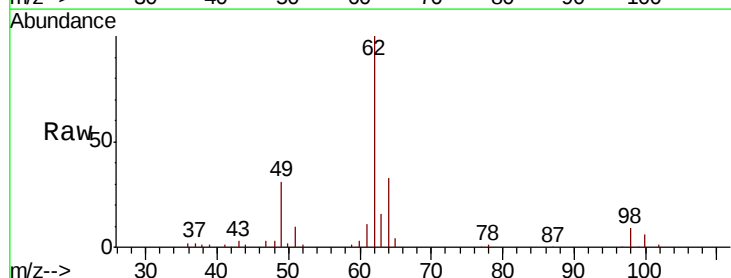
Instrument :
MSVOA_N
ClientSampled :

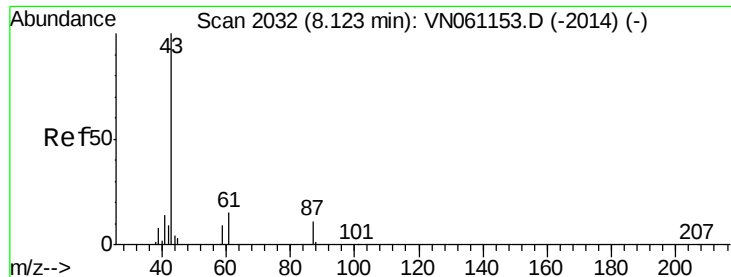
Tot Ion:	41	Resp:	55930
Ion	Ratio	Lower	Upper
41	100		
39	54.8	0.0	0.0#
67	74.4	0.0	0.0#
52	32.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 51.212 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion:	62	Resp:	109839
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.8





#43

Isopropyl Acetate

Concen: 51.584 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

ClientSampled :

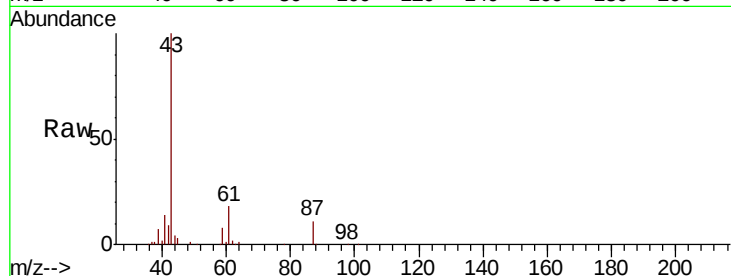
Tot Ion: 43 Resp: 190724

Ion Ratio Lower Upper

43 100

61 24.4 19.5 29.3

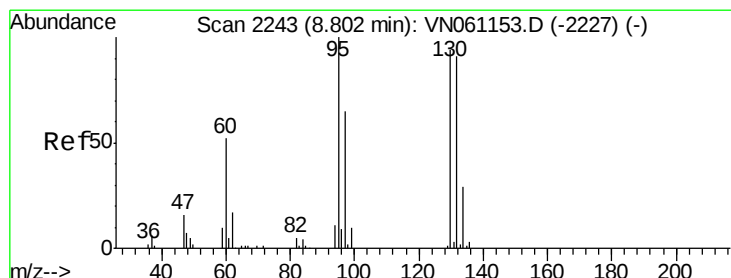
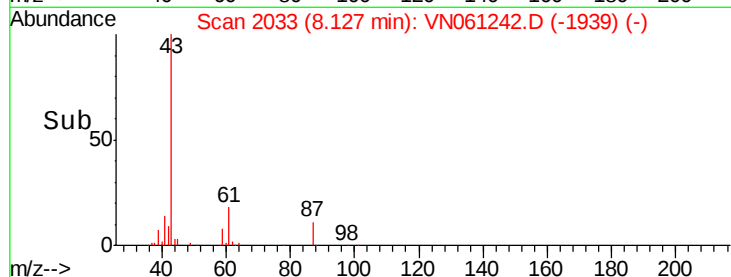
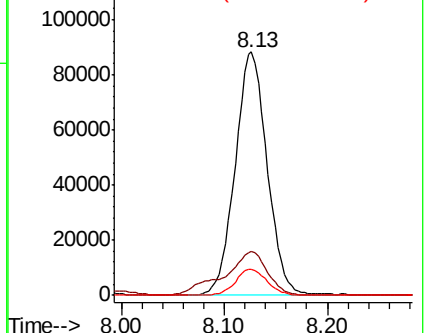
87 10.6 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 48.699 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061242.D

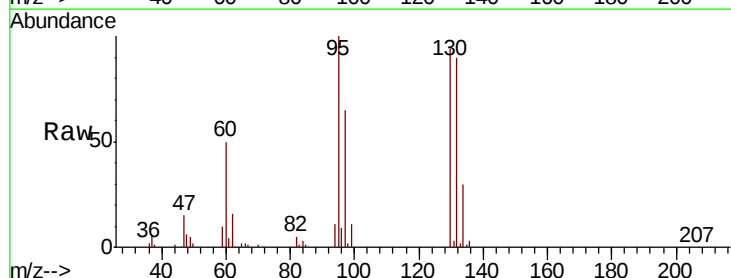
Acq: 1 May 2020 19:46

Tgt Ion:130 Resp: 74533

Ion Ratio Lower Upper

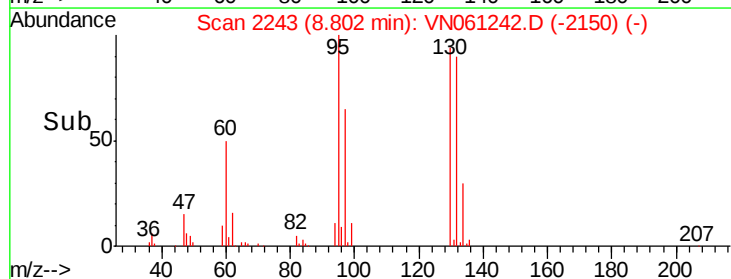
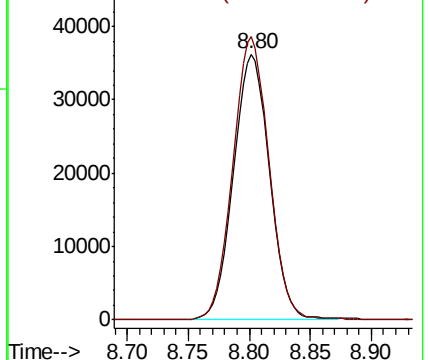
130 100

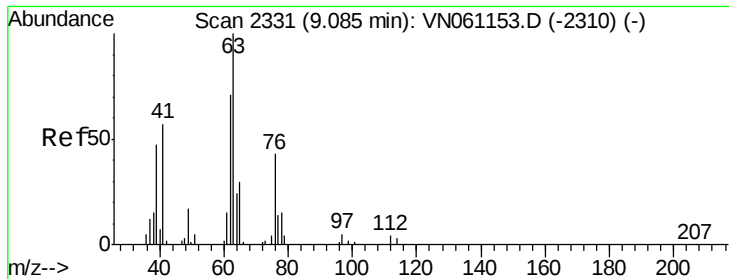
95 106.4 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 55.233 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

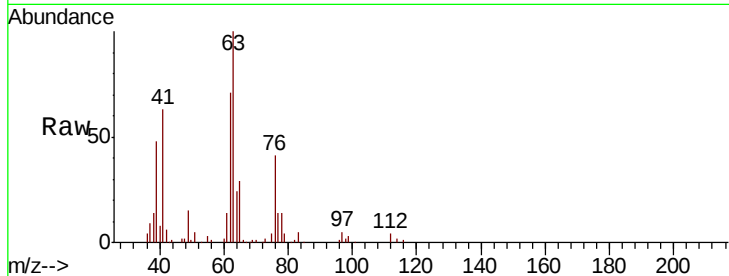
ClientSampled :

Tot Ion: 63 Resp: 83541

Ion Ratio Lower Upper

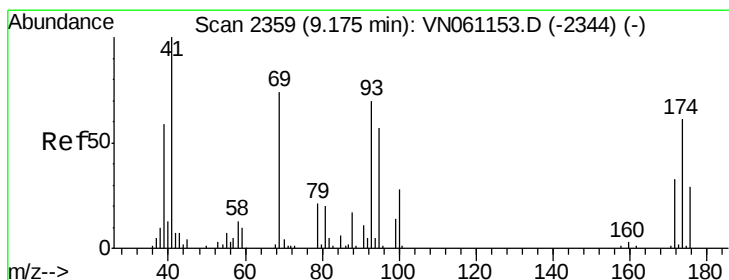
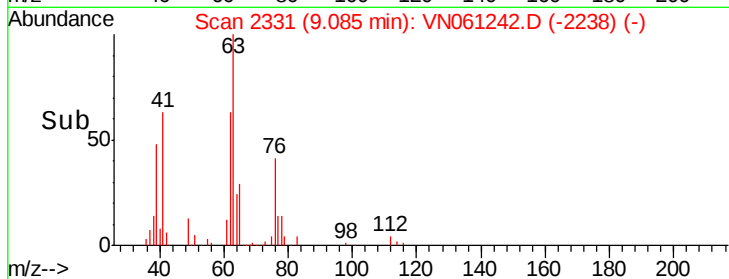
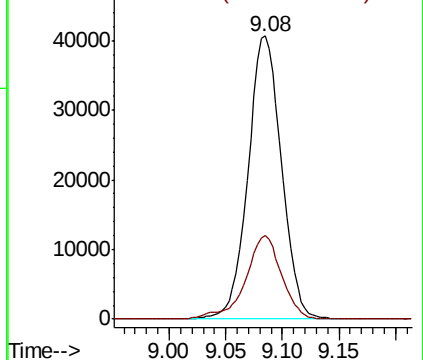
63 100

65 29.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 53.195 ug/l

RT: 9.17 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

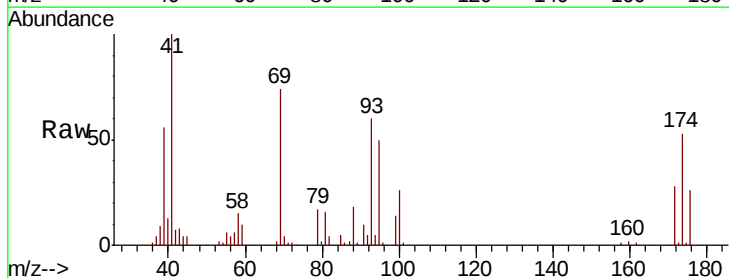
Tgt Ion: 93 Resp: 49818

Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

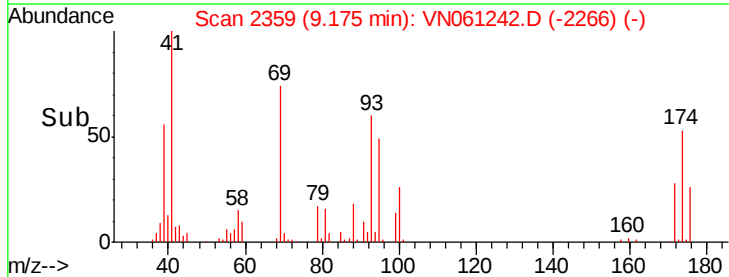
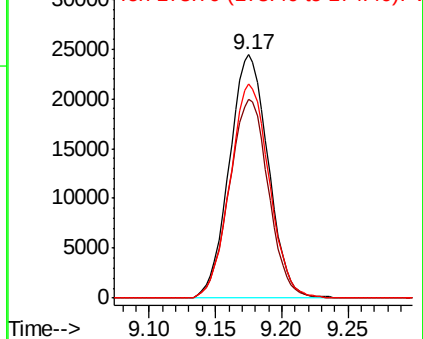
174 88.6 70.2 105.2

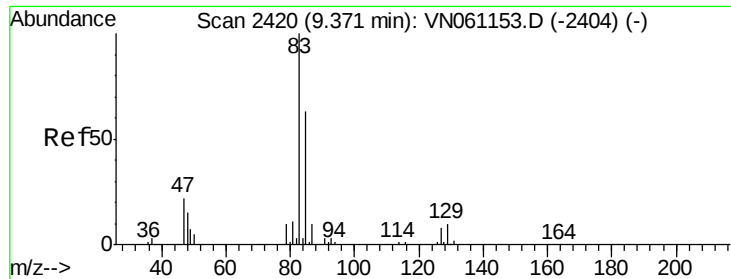


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.079 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :
MSVOA_N
ClientSampleId :

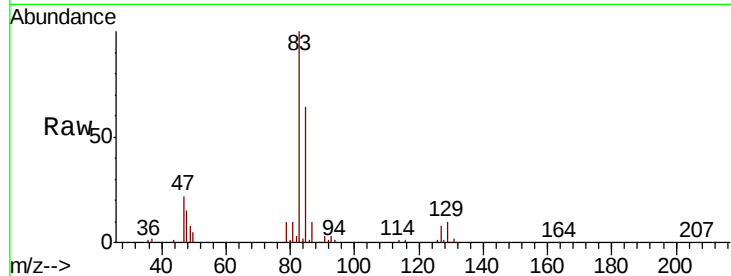
Tot Ion: 83 Resp: 106695

Ion Ratio Lower Upper

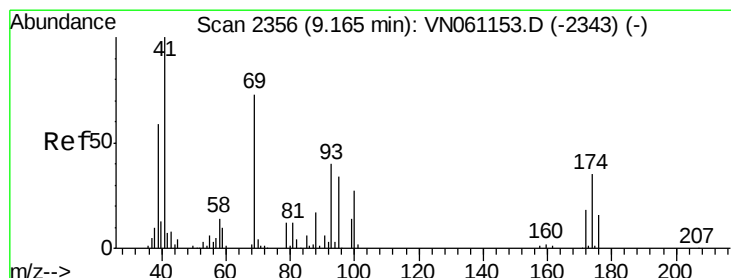
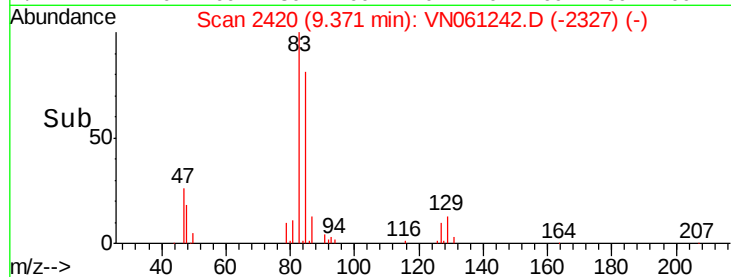
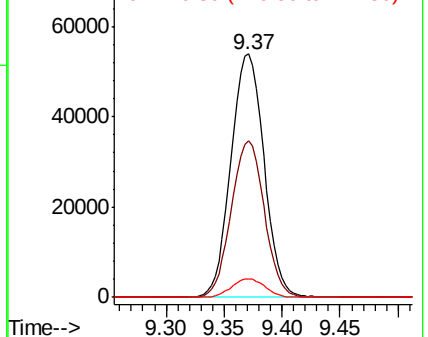
83 100

85 64.3 50.4 75.6

127 7.5 6.2 9.2



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



#48

Methyl methacrylate

Concen: 55.159 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

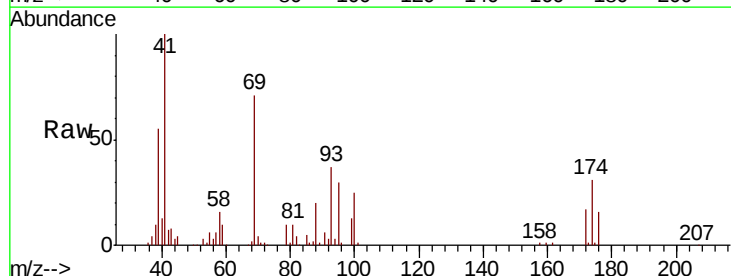
Tgt Ion: 41 Resp: 92028

Ion Ratio Lower Upper

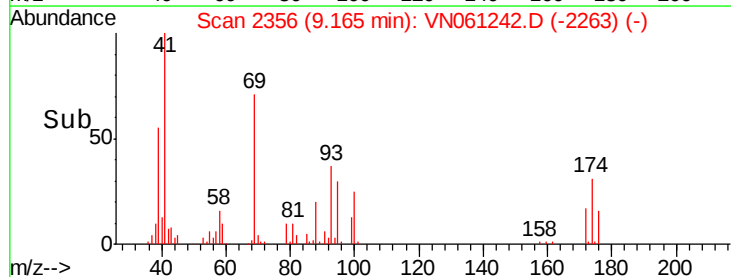
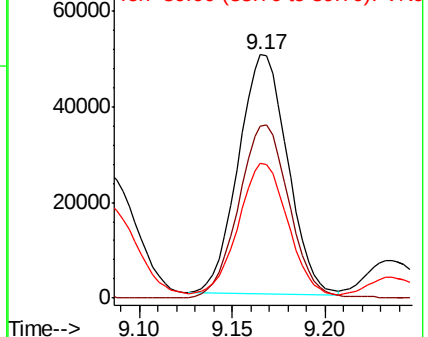
41 100

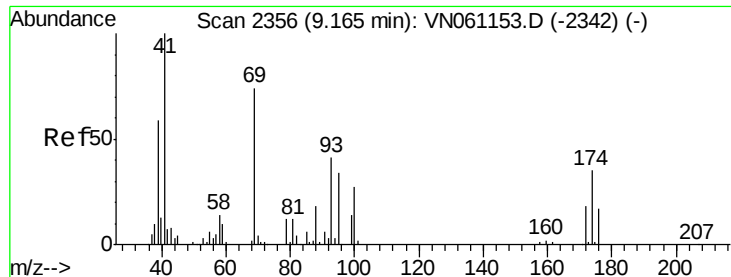
69 74.7 60.3 90.5

39 55.0 47.4 71.0



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

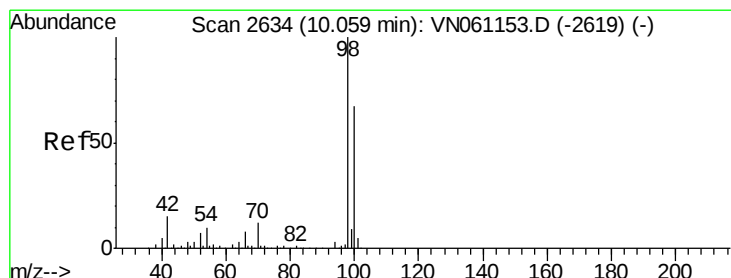
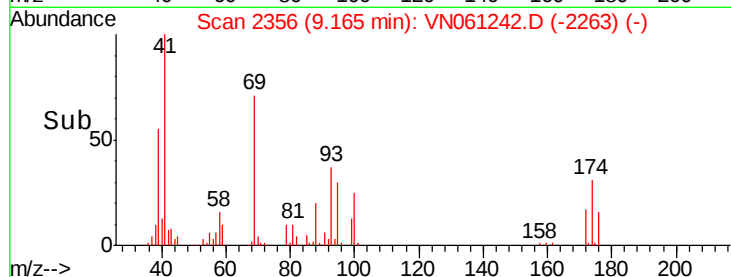
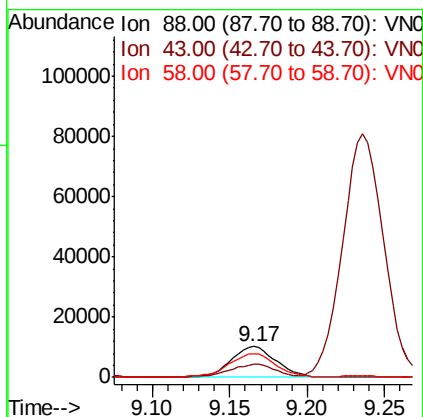
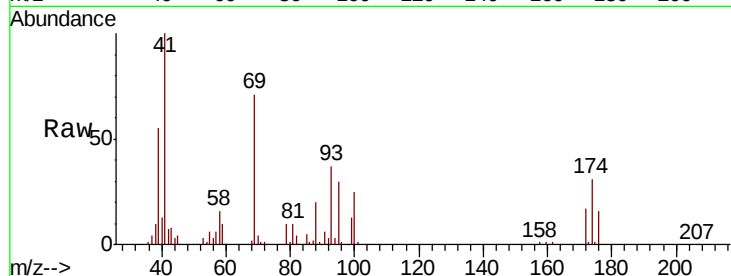




#49
 1,4-Dioxane
 Concen: 1083.923 ug/l
 RT: 9.17 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

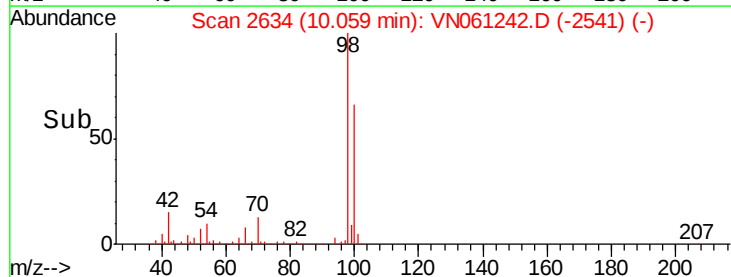
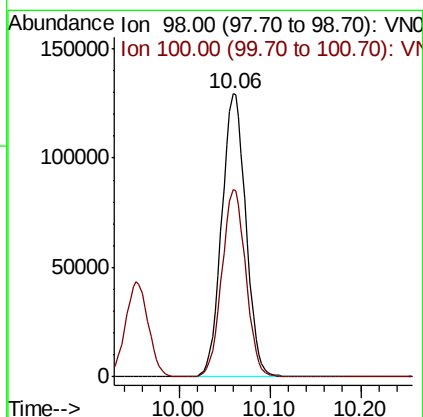
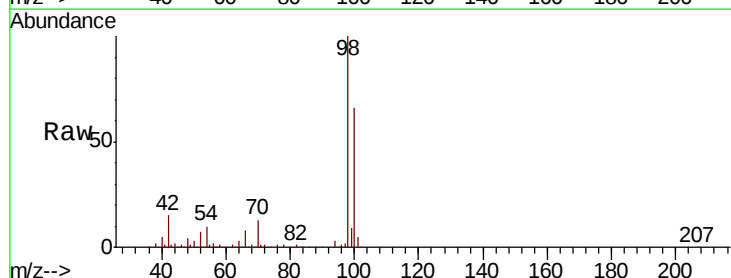
Instrument :
 MSVOA_N
 ClientSampleId :

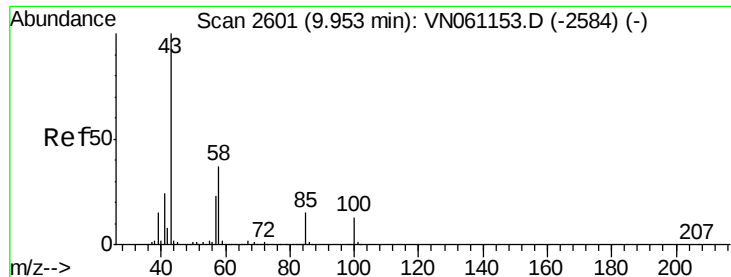
Tot Ion: 88 Resp: 20528
 Ion Ratio Lower Upper
 88 100
 43 44.9 35.3 52.9
 58 81.4 61.5 92.3



#50
 Toluene-d8
 Concen: 52.067 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Tgt Ion: 98 Resp: 238262
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 279.425 ug/l

RT: 9.95 min Scan# 2601

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

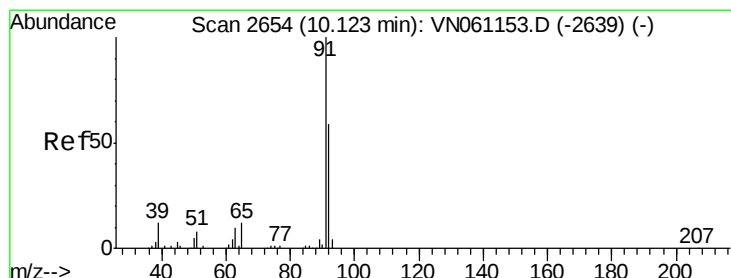
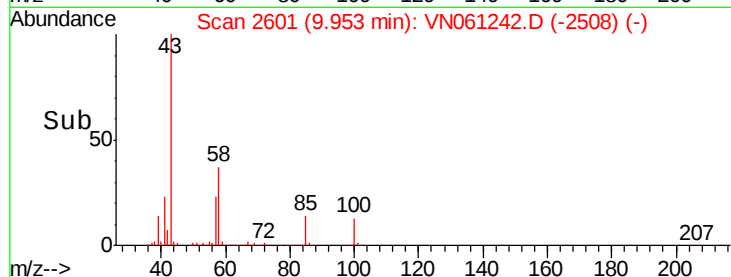
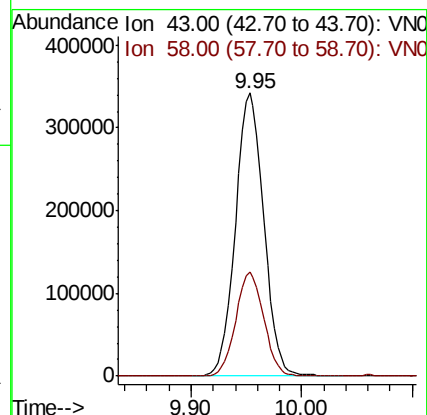
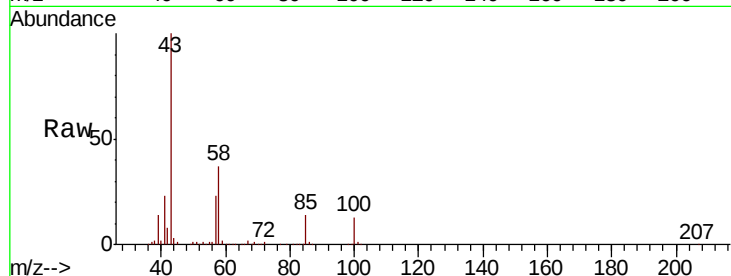
ClientSampleId :

Tot Ion: 43 Resp: 608111

Ion Ratio Lower Upper

43 100

58 36.5 29.1 43.7



#52

Toluene

Concen: 53.638 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061242.D

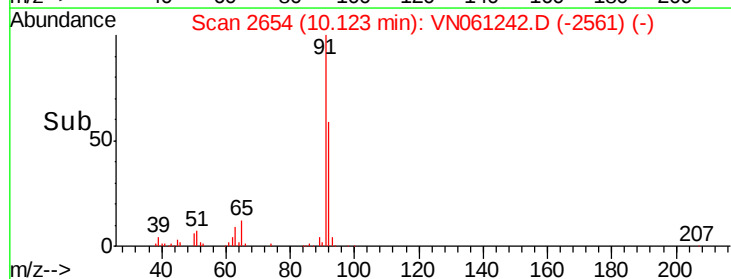
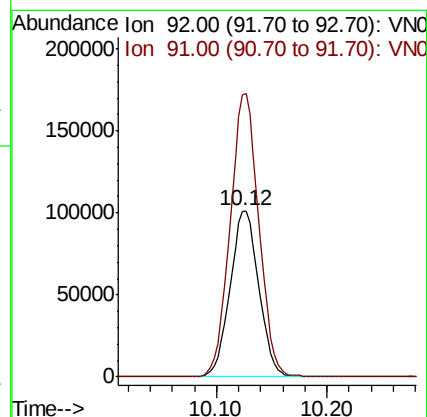
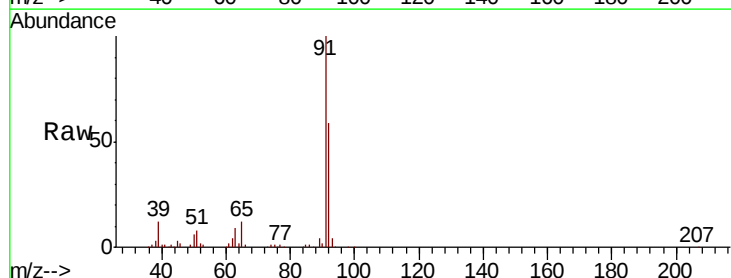
Acq: 1 May 2020 19:46

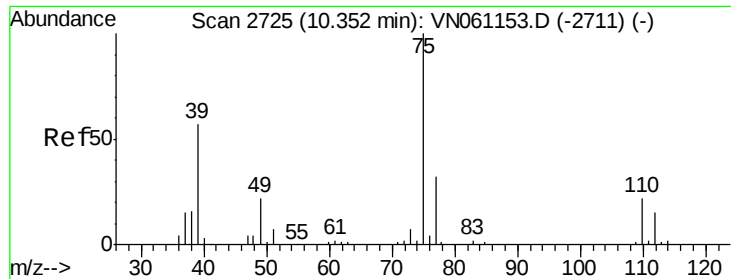
Tgt Ion: 92 Resp: 182911

Ion Ratio Lower Upper

92 100

91 170.1 136.2 204.2

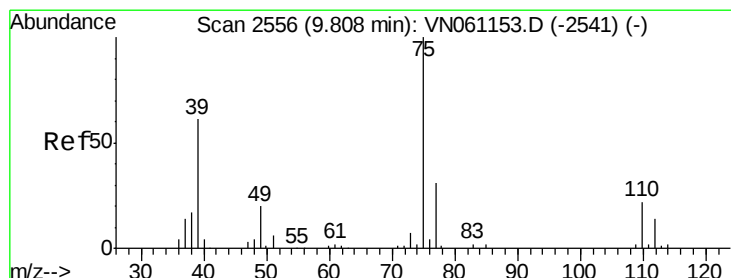
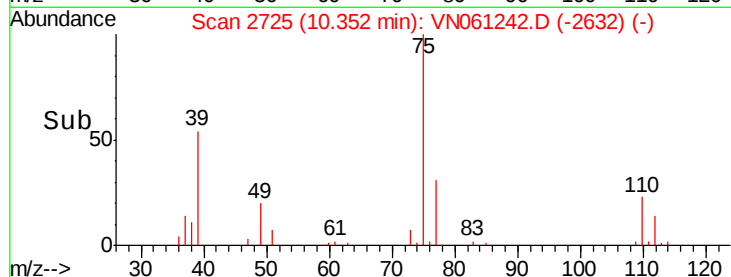
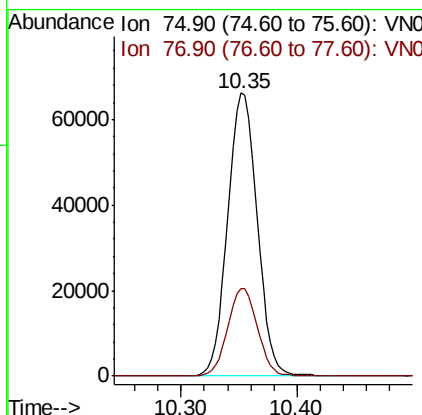
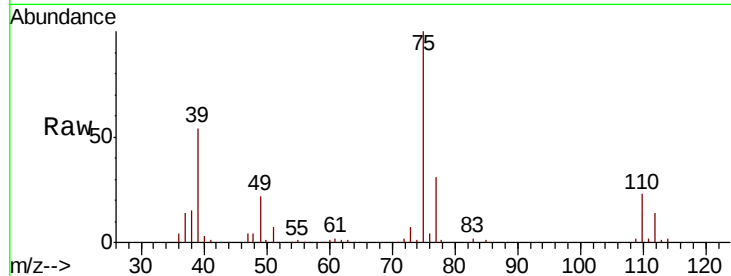




#53
t-1,3-Dichloropropene
Concen: 51.357 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

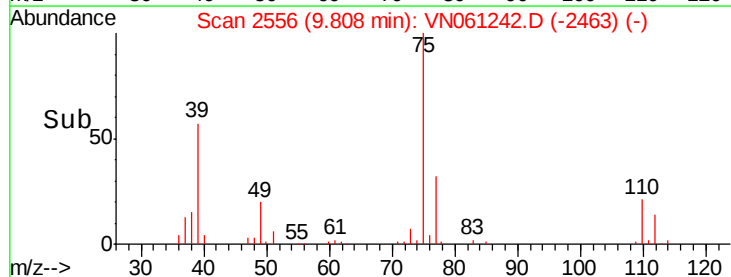
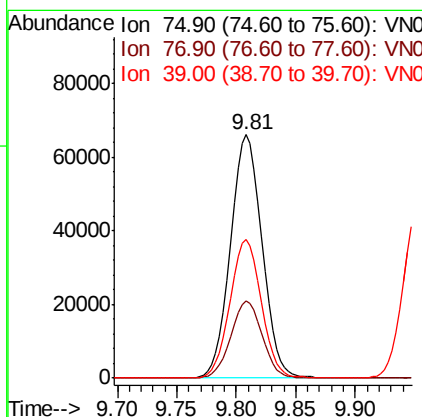
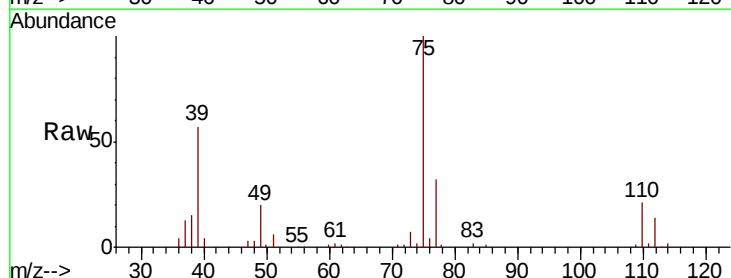
Instrument :
MSVOA_N
ClientSampleId :

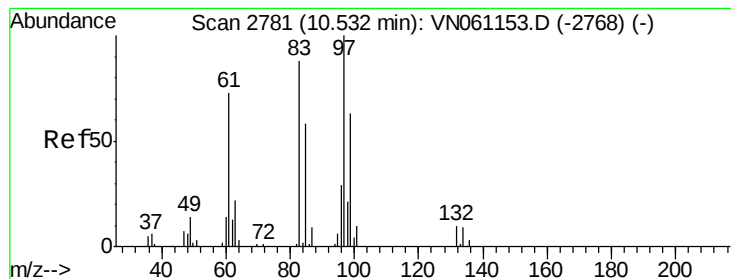
Tot Ion: 75 Resp: 116322
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 50.864 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion: 75 Resp: 121797
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4
39 57.0 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 53.091 ug/l

RT: 10.53 min Scan# 2782

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 72214

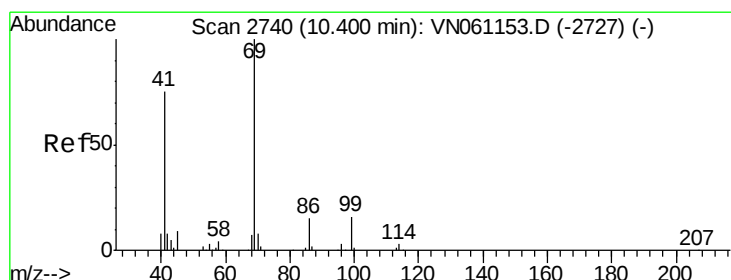
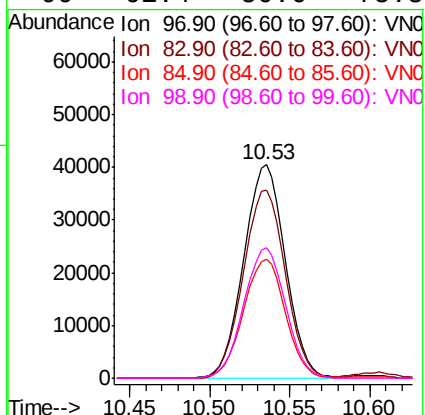
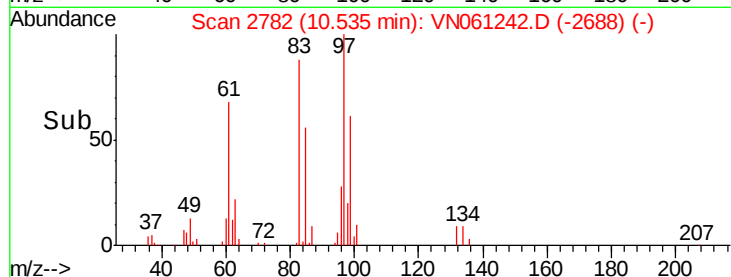
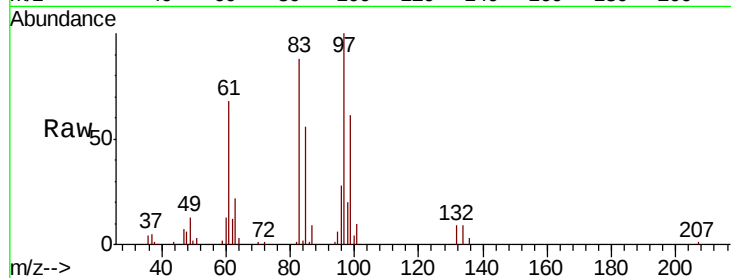
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.6	106.0
85	55.6	46.4	69.6
99	61.4	50.6	75.8

97 100

83 88.2 70.6 106.0

85 55.6 46.4 69.6

99 61.4 50.6 75.8



#56

Ethyl methacrylate

Concen: 48.730 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

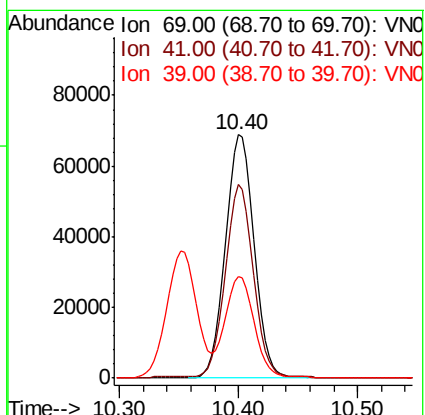
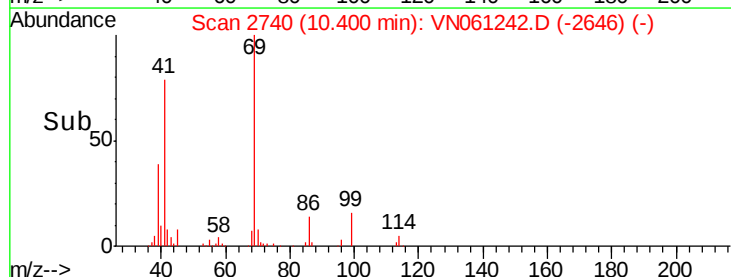
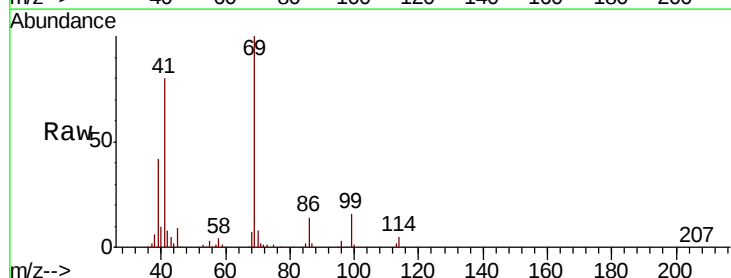
Tgt Ion: 69 Resp: 115328

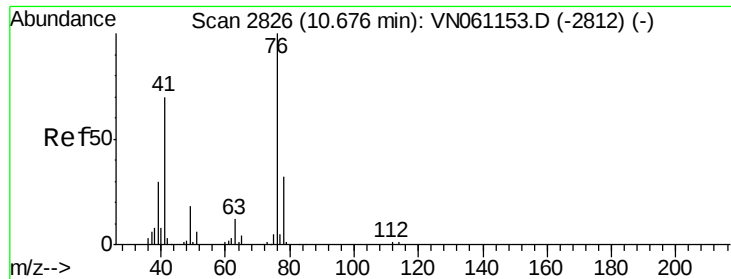
Ion	Ratio	Lower	Upper
69	100		
41	77.2	60.3	90.5
39	43.0	35.9	53.9

69 100

41 77.2 60.3 90.5

39 43.0 35.9 53.9

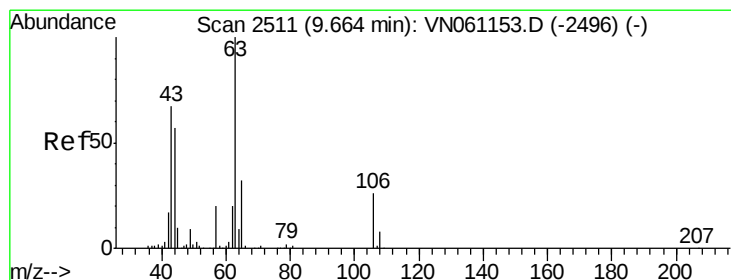
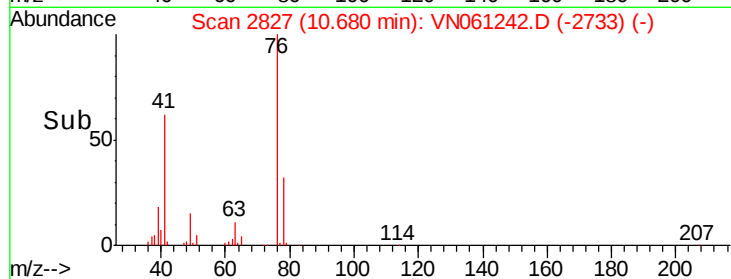
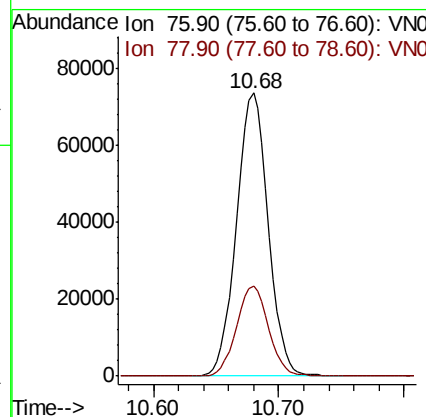
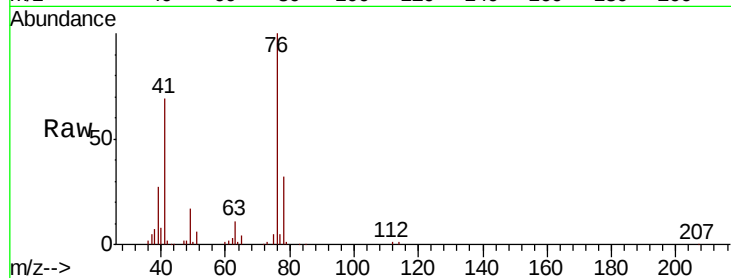




#57
 1,3-Dichloropropane
 Concen: 54.013 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

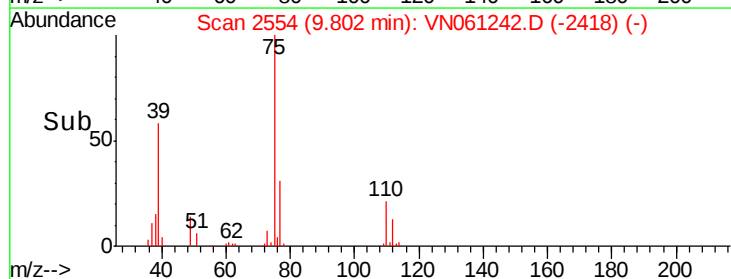
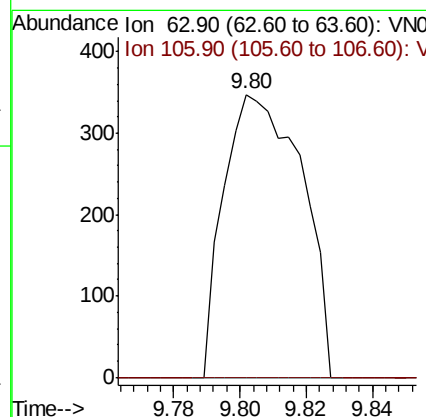
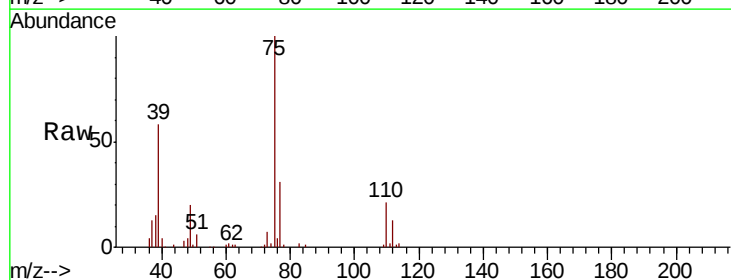
Instrument :
 MSVOA_N
 ClientSampled :

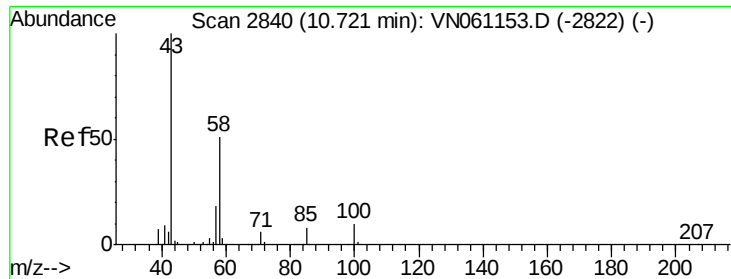
Tot Ion: 76 Resp: 129138
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.517 ug/l
 RT: 9.80 min Scan# 2554
 Delta R.T. 0.14 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Tgt Ion: 63 Resp: 569
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.6 30.8#

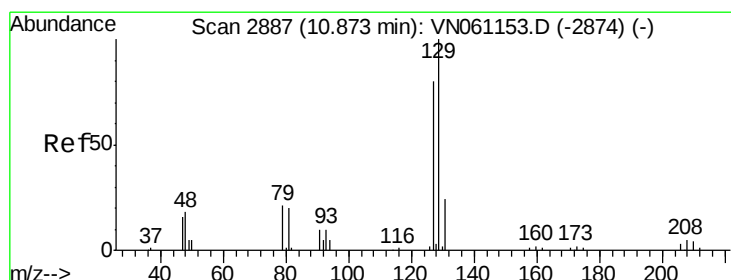
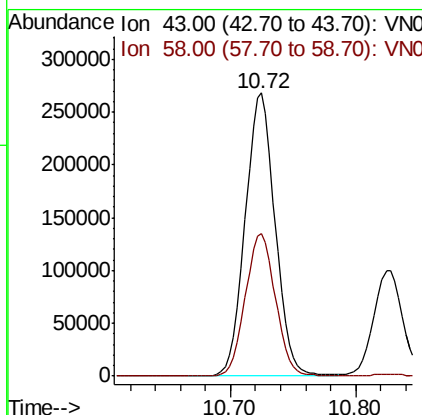
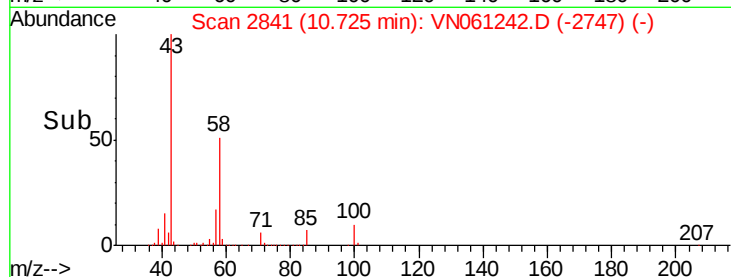
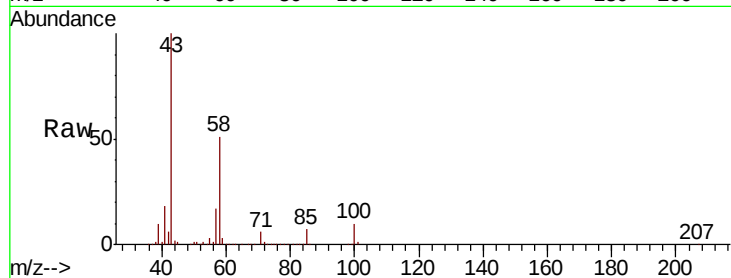




#59
2-Hexanone
Concen: 281.442 ug/l
RT: 10.72 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

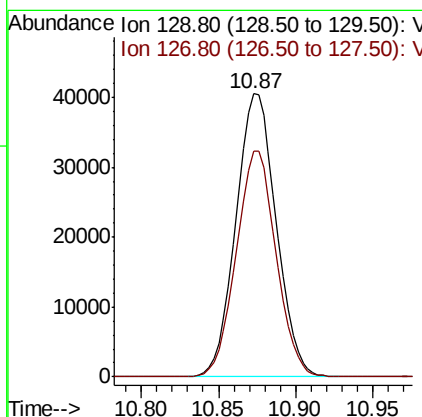
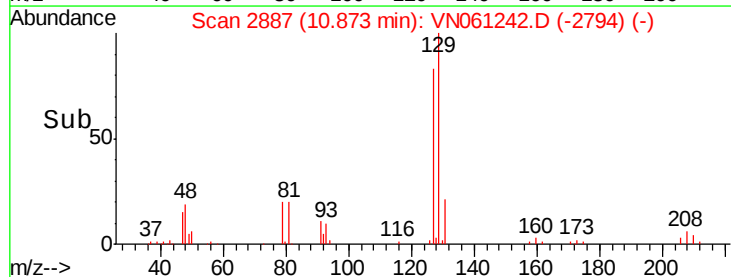
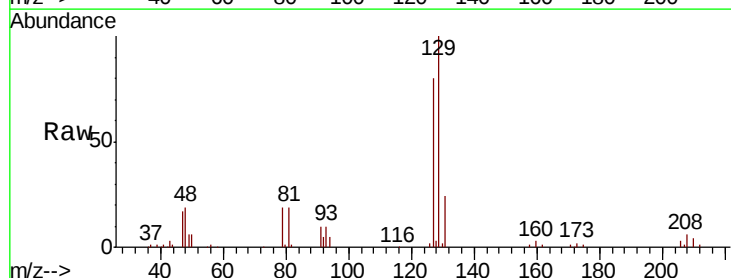
Instrument :
MSVOA_N
ClientSampled :

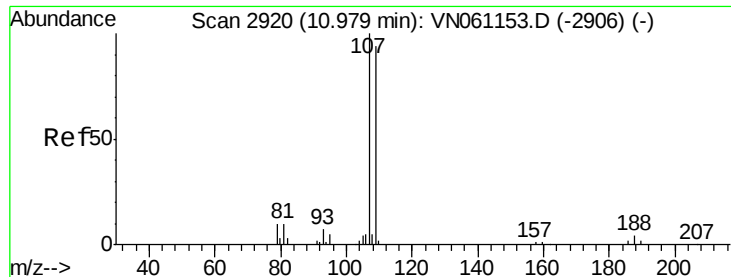
Tot Ion: 43 Resp: 445606
Ion Ratio Lower Upper
43 100
58 50.8 25.4 76.4



#60
Dibromochloromethane
Concen: 51.570 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion: 129 Resp: 73467
Ion Ratio Lower Upper
129 100
127 78.9 39.3 117.8

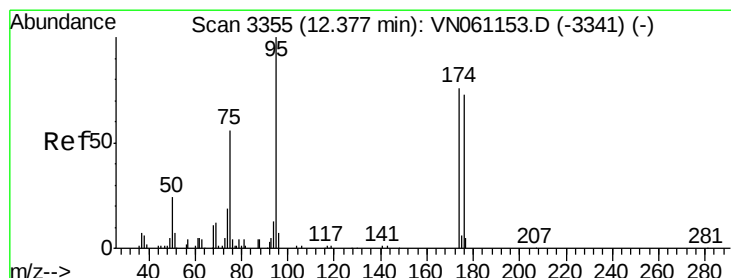
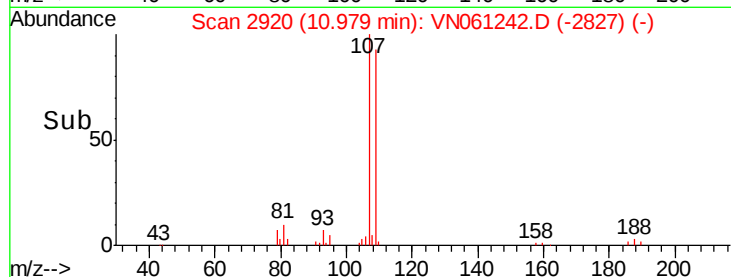
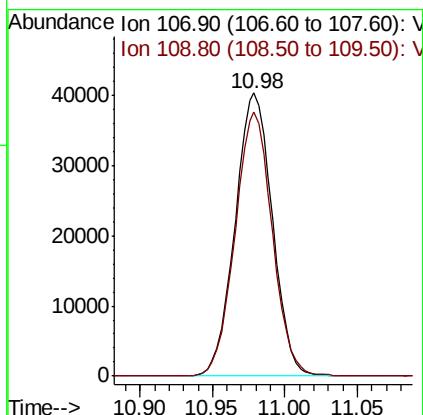
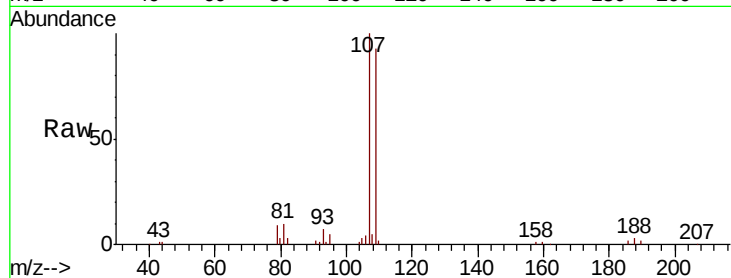




#61
 1,2-Dibromoethane
 Concen: 52.799 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

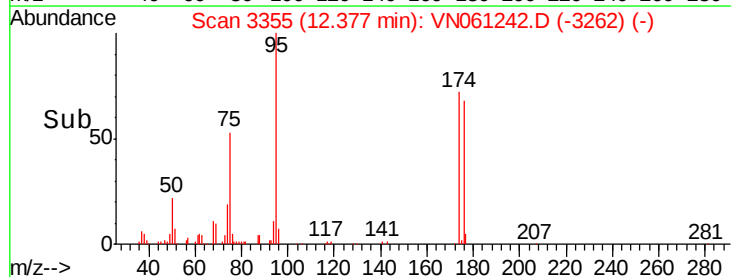
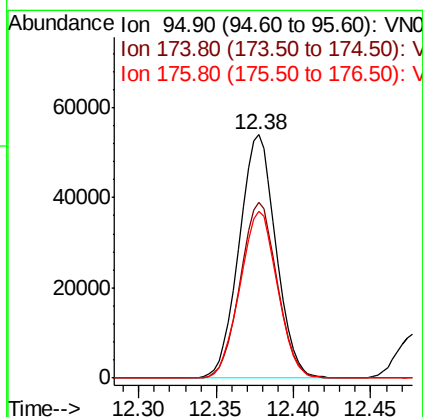
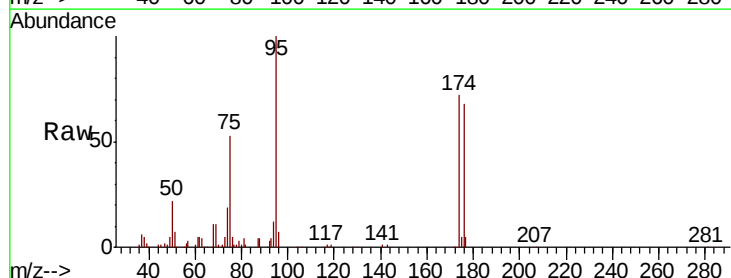
Instrument :
 MSVOA_N
 ClientSampleId :

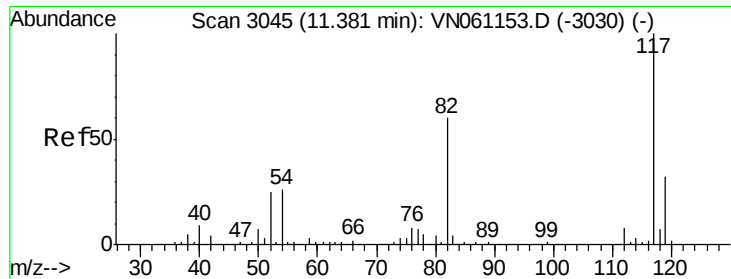
Tot Ion:107 Resp: 71982
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.824 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Tgt Ion: 95 Resp: 89242
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 149.4
 176 69.7 0.0 144.8

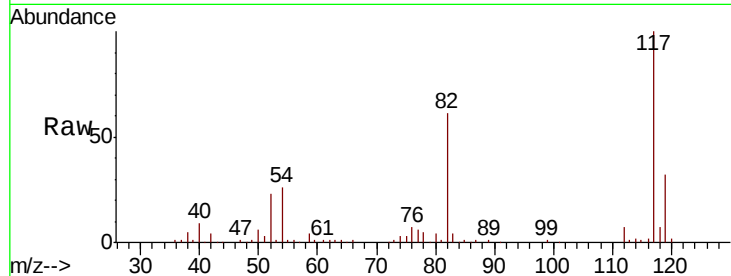




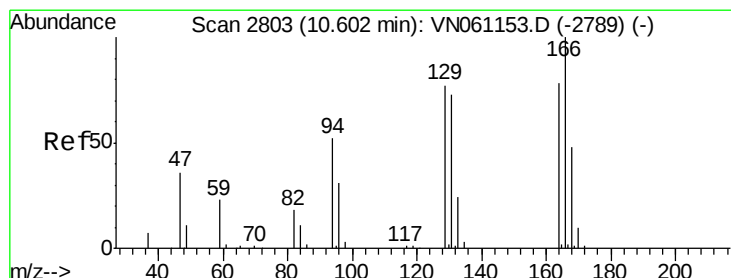
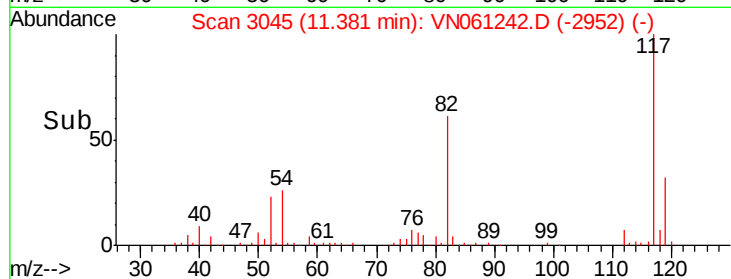
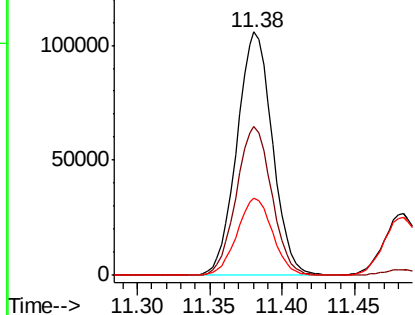
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 180119
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 31.9 25.8 38.6

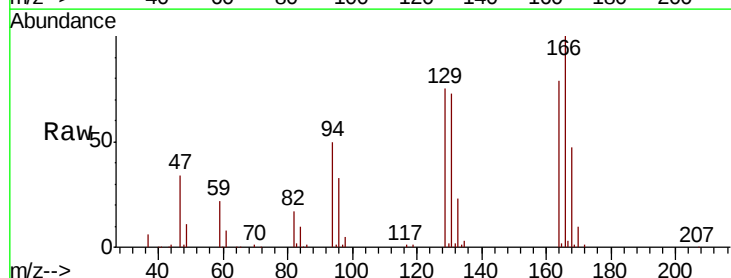


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

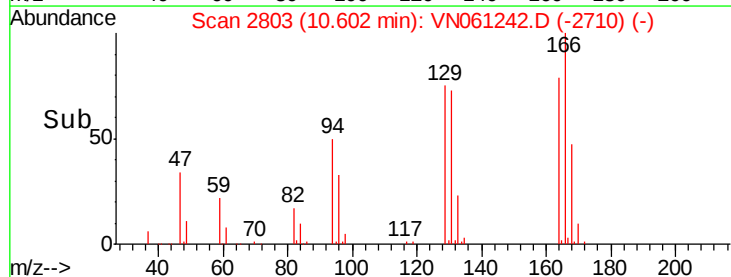
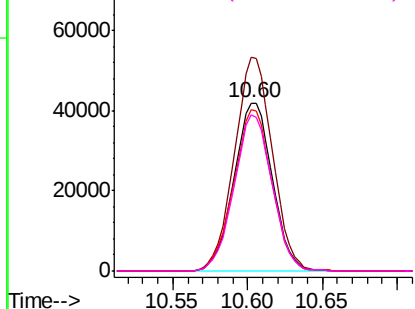


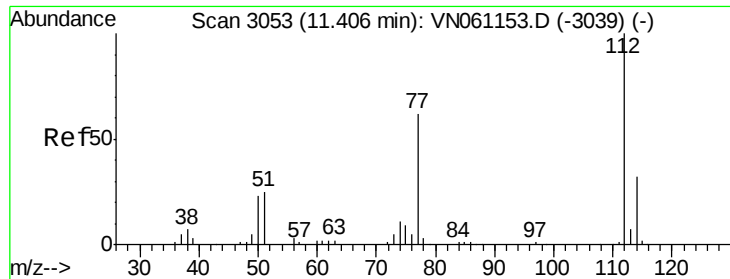
#64
Tetrachloroethene
Concen: 48.031 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion:164 Resp: 74929
Ion Ratio Lower Upper
164 100
166 126.9 102.0 153.0
129 95.6 78.2 117.2
131 92.8 74.5 111.7



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: 51.104 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

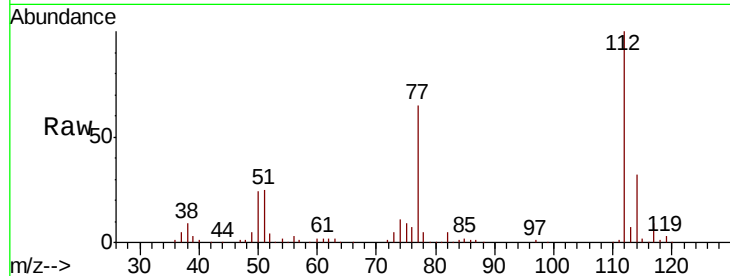
ClientSampled :

Tot Ion:112 Resp: 182594

Ion Ratio Lower Upper

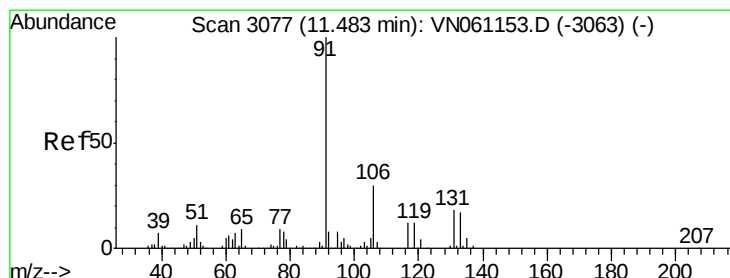
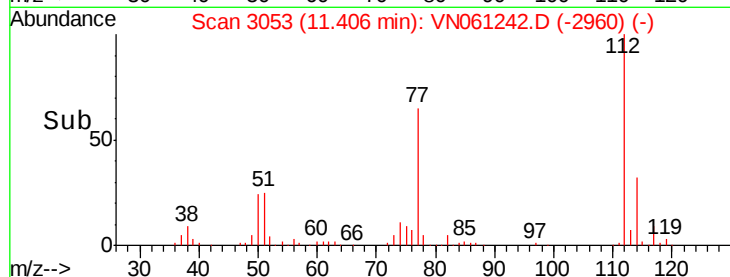
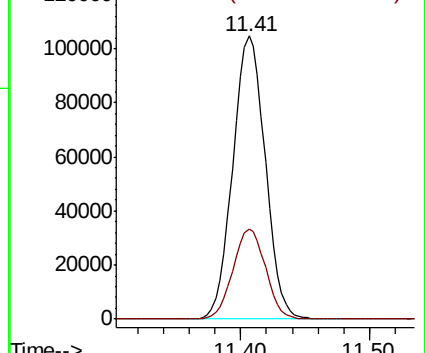
112 100

114 31.7 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.154 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

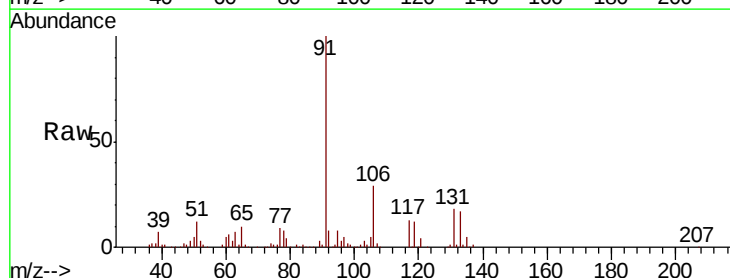
Tgt Ion:131 Resp: 66694

Ion Ratio Lower Upper

131 100

133 94.4 48.0 144.2

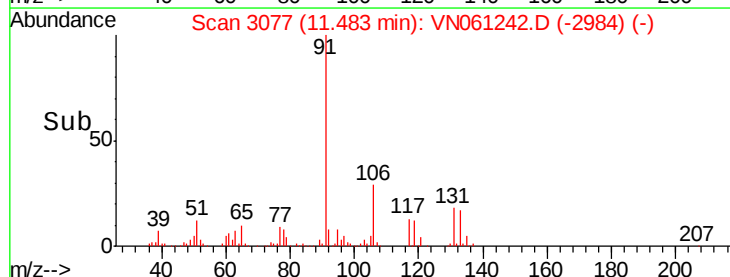
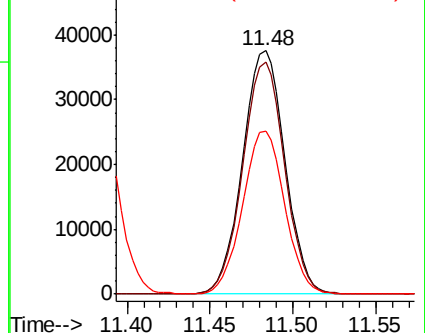
119 66.6 32.6 97.8

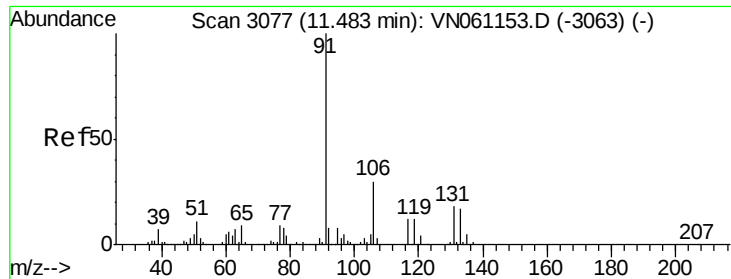


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.594 ug/l

RT: 11.49 min Scan# 3078

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

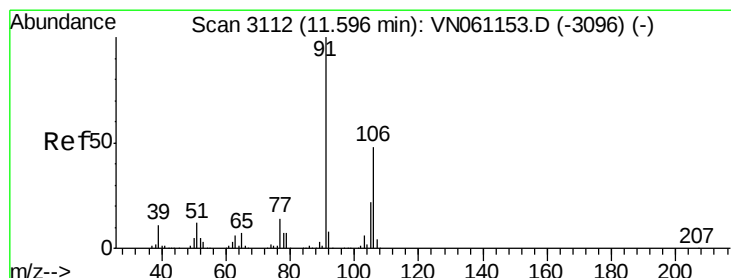
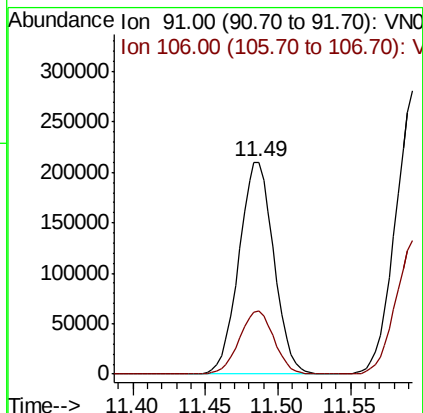
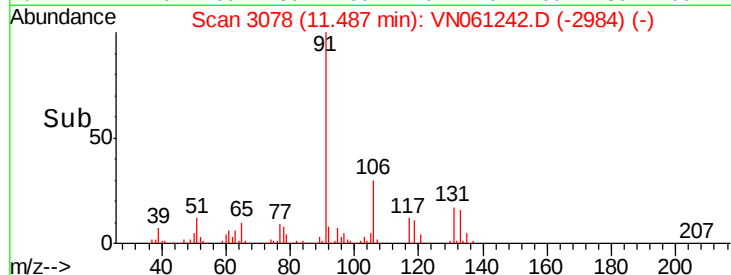
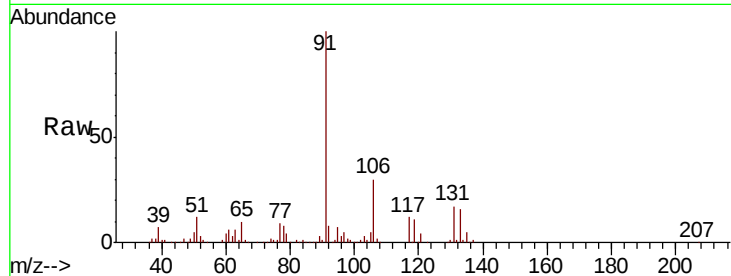
ClientSampleId :

Tot Ion: 91 Resp: 351778

Ion Ratio Lower Upper

91 100

106 29.8 23.8 35.6



#68

m/p-Xylenes

Concen: 104.798 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061242.D

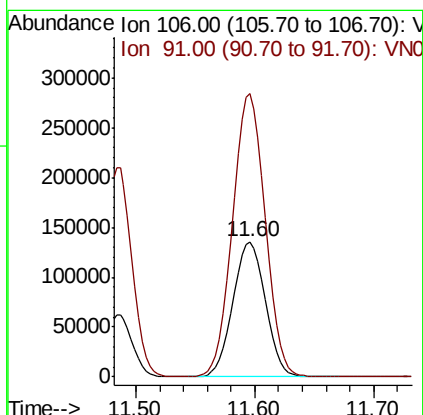
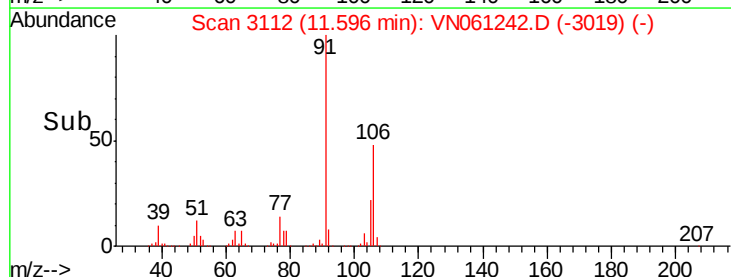
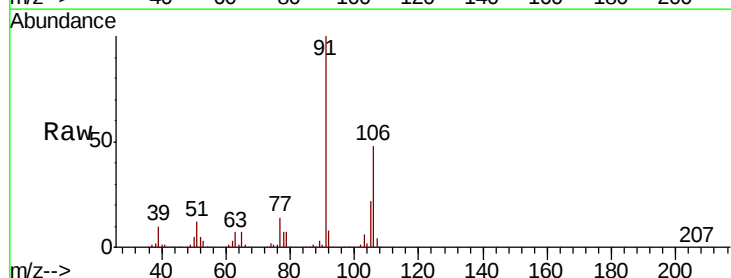
Acq: 1 May 2020 19:46

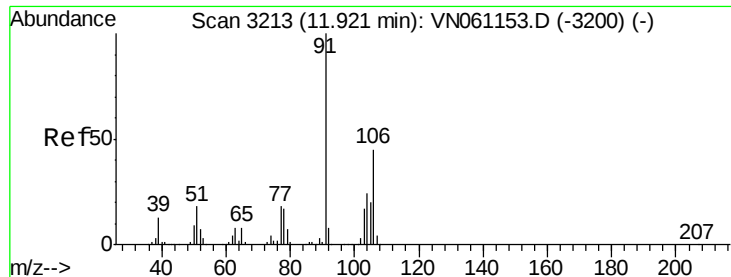
Tgt Ion: 106 Resp: 256568

Ion Ratio Lower Upper

106 100

91 210.6 166.4 249.6

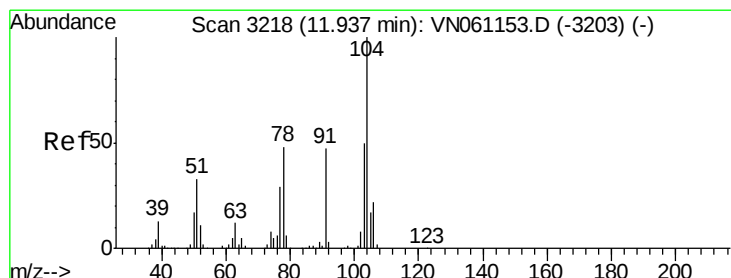
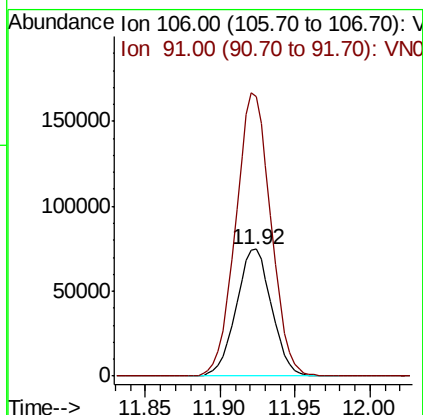
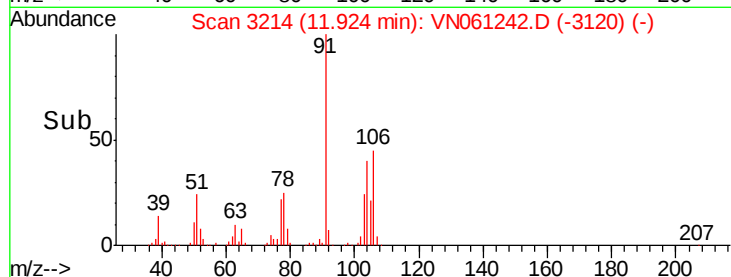
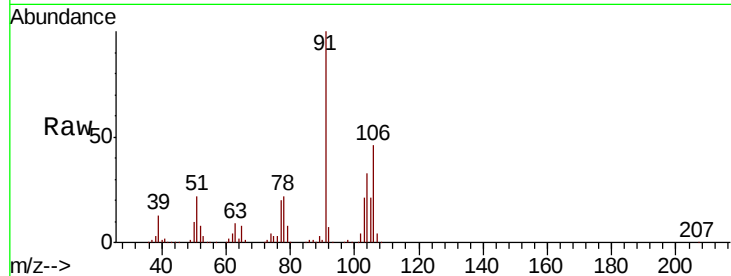




#69
o-Xylene
Concen: 52.291 ug/l
RT: 11.92 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

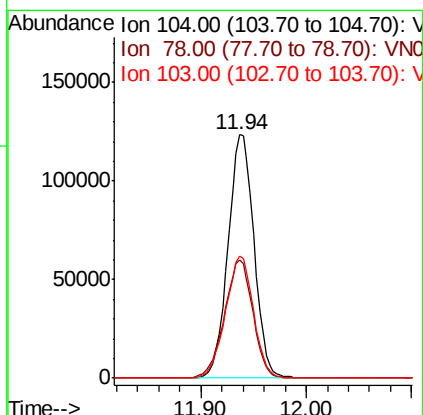
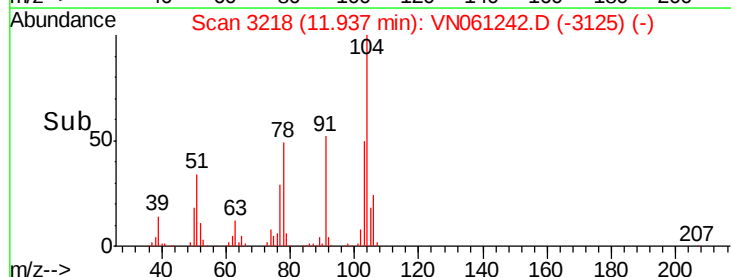
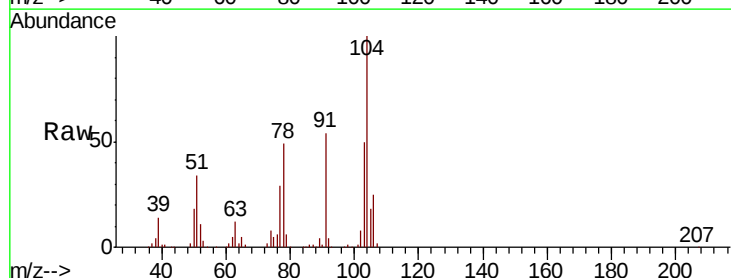
Instrument :
MSVOA_N
ClientSampled :

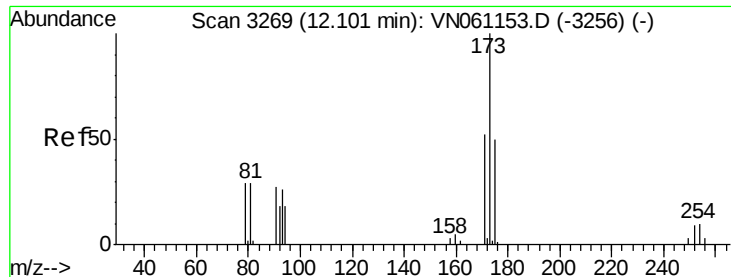
Tot Ion:106 Resp: 122971
Ion Ratio Lower Upper
106 100
91 221.6 109.7 329.0



#70
Styrene
Concen: 53.341 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion:104 Resp: 209948
Ion Ratio Lower Upper
104 100
78 53.2 42.1 63.1
103 53.9 43.3 64.9





#71

Bromoform

Concen: 52.929 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

ClientSampleId :

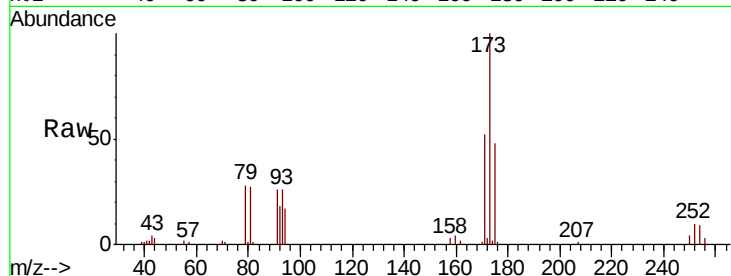
Tot Ion:173 Resp: 49745

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

254 0.0 0.0 0.0

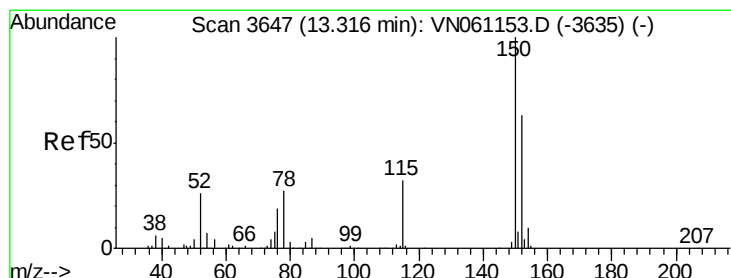
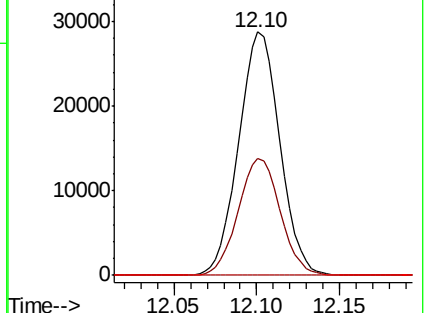
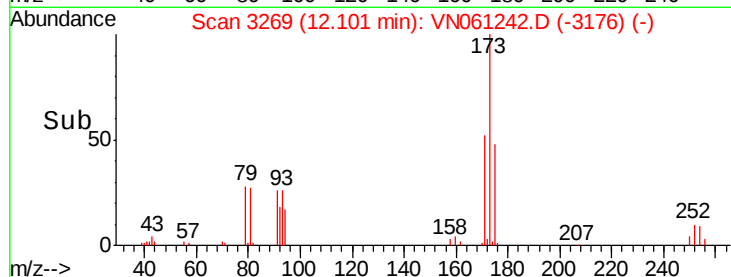


Abundance

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# 3648

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

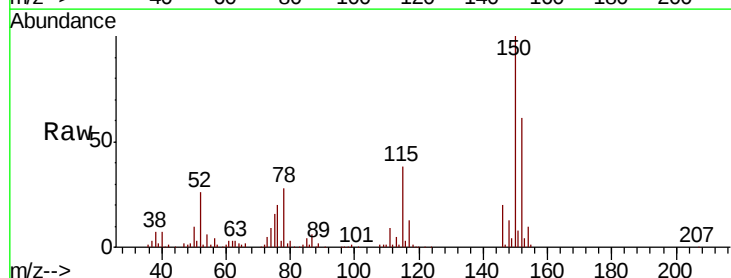
Tgt Ion:152 Resp: 88722

Ion Ratio Lower Upper

152 100

115 62.0 31.0 93.0

150 173.7 0.0 351.8

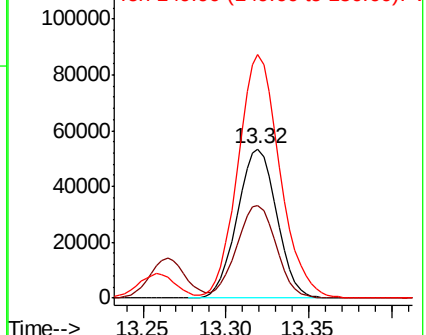
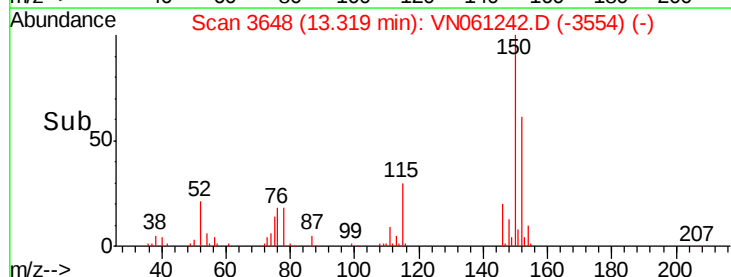


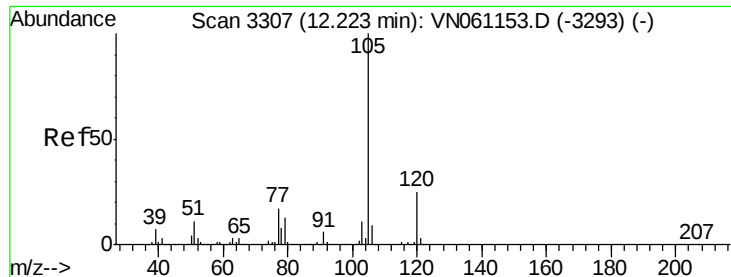
Abundance

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: 50.988 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

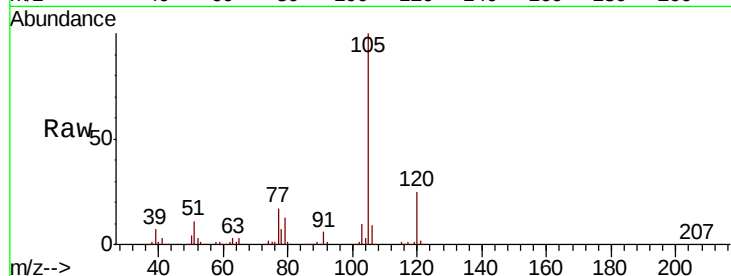
ClientSampleId :

Tot Ion:105 Resp: 332564

Ion Ratio Lower Upper

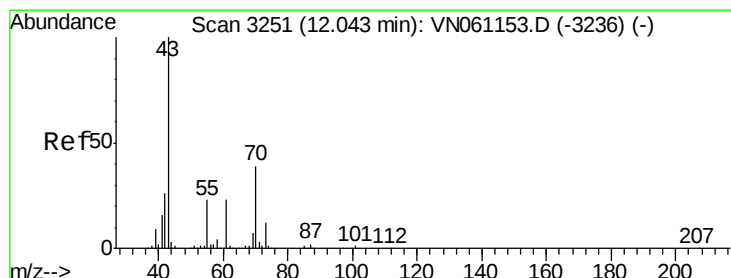
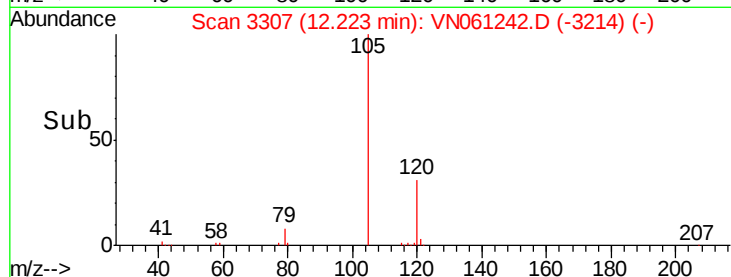
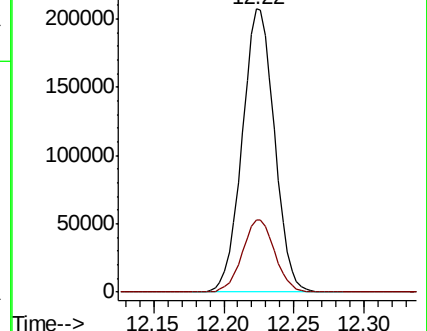
105 100

120 25.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.278 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Tgt Ion: 43 Resp: 162755

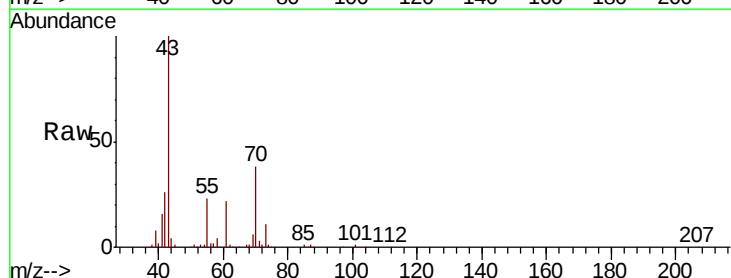
Ion Ratio Lower Upper

43 100

70 37.3 30.6 46.0

55 23.3 18.5 27.7

61 21.6 17.9 26.9

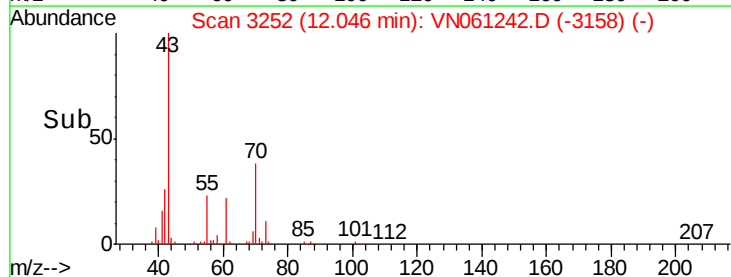
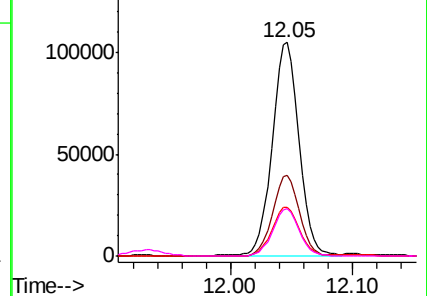


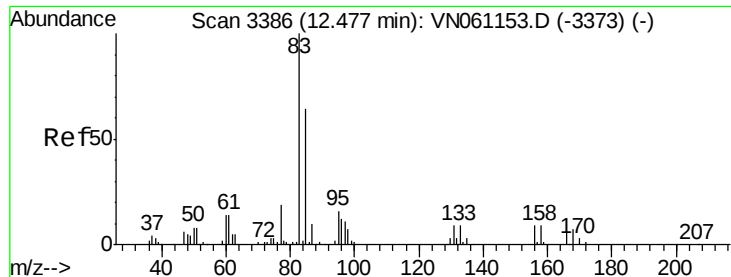
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.772 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

ClientSampled :

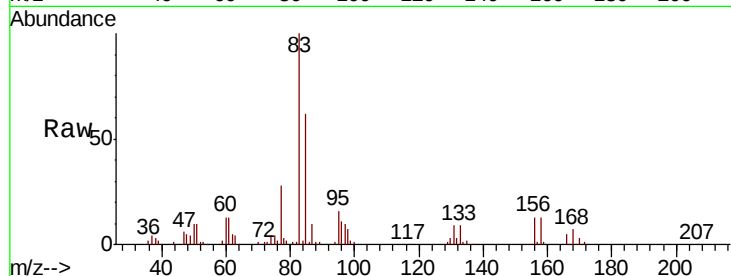
Tot Ion: 83 Resp: 107326

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.3

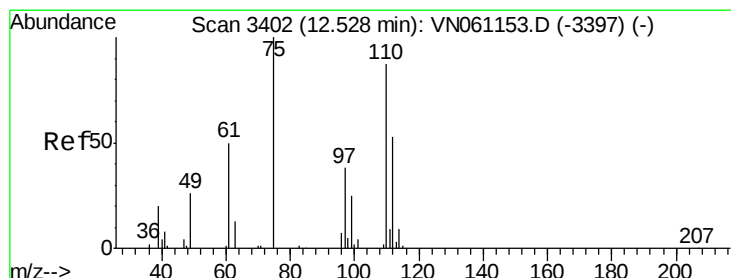
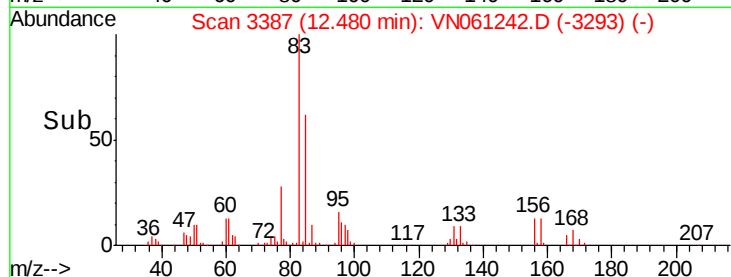
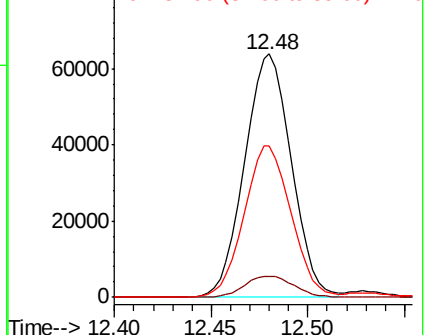
85 62.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-3373) (-)

Ion 130.80 (130.50 to 131.50): VN061153.D (-3373) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-3373) (-)



#76

1,2,3-Trichloropropane

Concen: 76.837 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061242.D

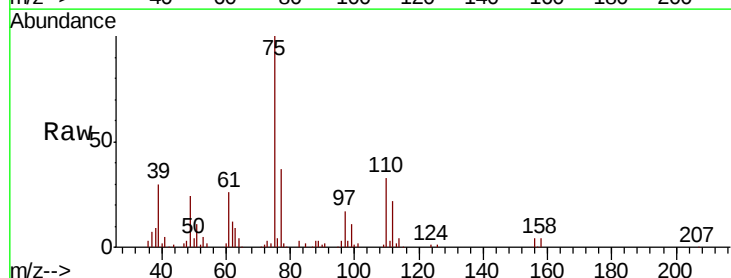
Acq: 1 May 2020 19:46

Tgt Ion: 75 Resp: 143724

Ion Ratio Lower Upper

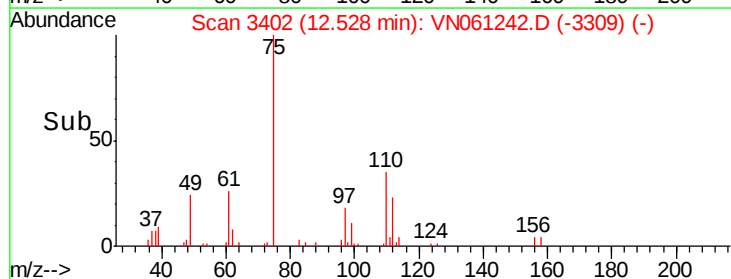
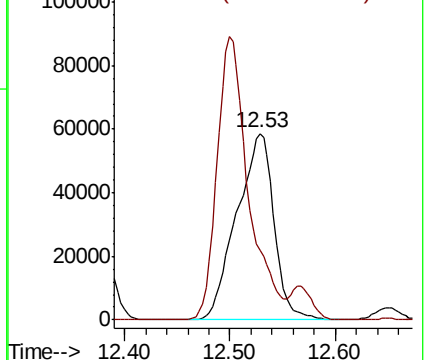
75 100

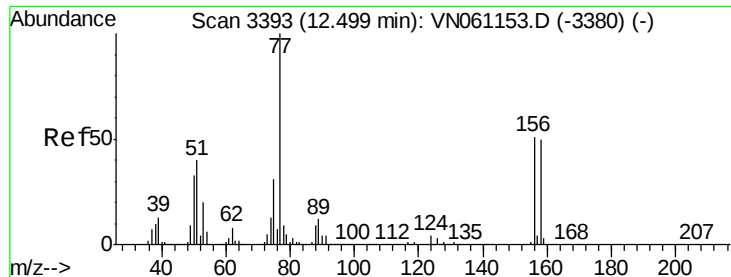
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3397) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-3397) (-)

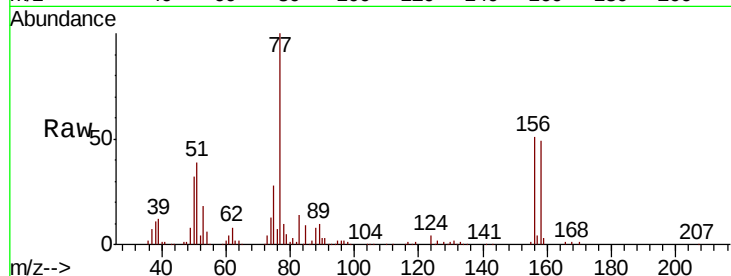




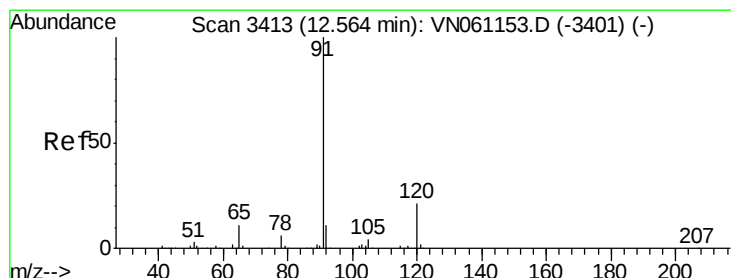
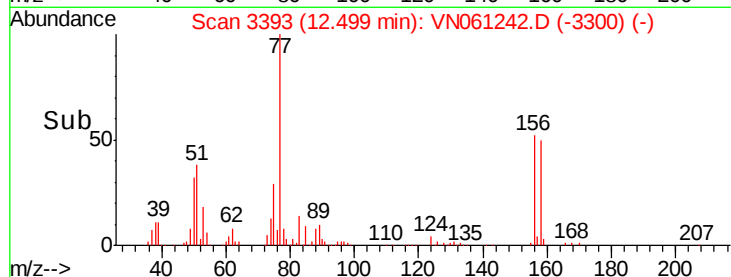
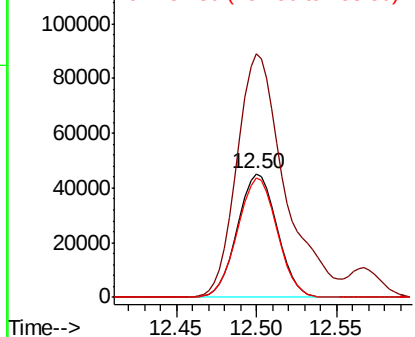
#77
Bromobenzene
Concen: 50.969 ug/l
RT: 12.50 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:156 Resp: 76742
Ion Ratio Lower Upper
156 100
77 238.2 117.4 352.2
158 96.2 48.4 145.0

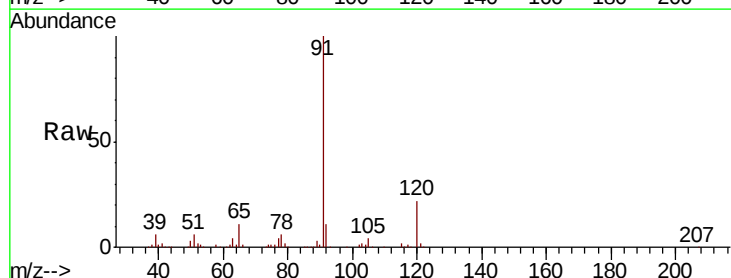


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

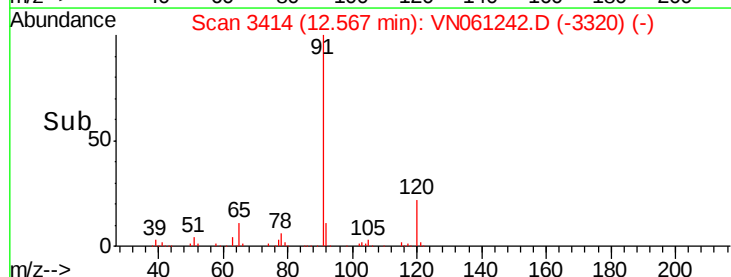
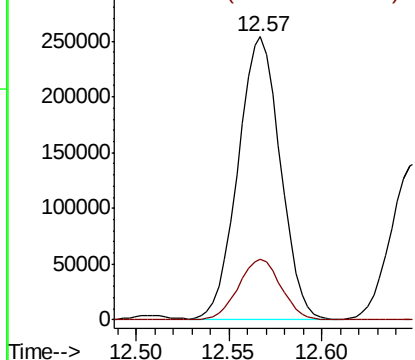


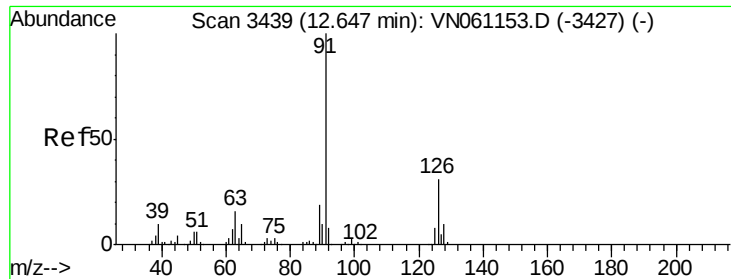
#78
n-propylbenzene
Concen: 51.751 ug/l
RT: 12.57 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion: 91 Resp: 400357
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V

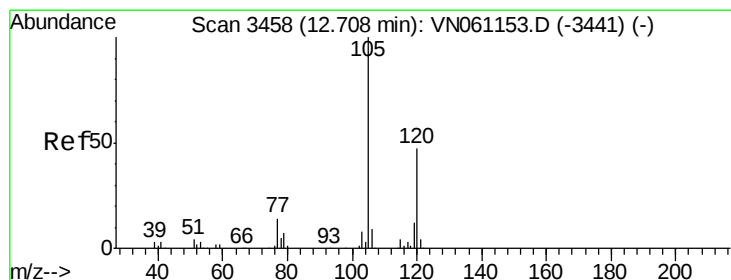
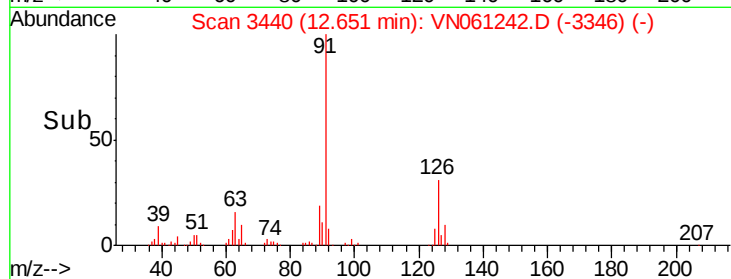
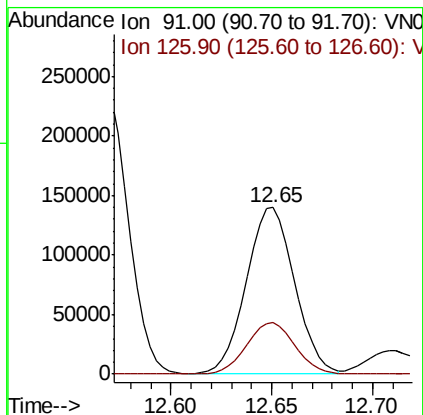
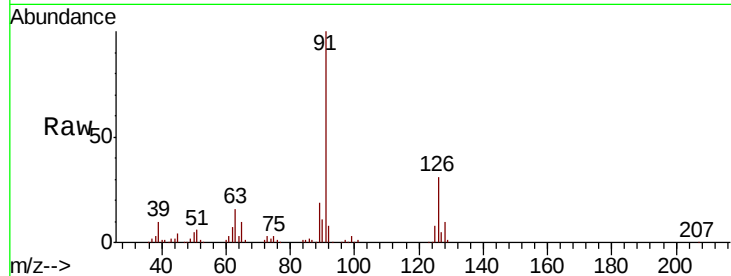




#79
 2-Chlorotoluene
 Concen: 51.335 ug/l
 RT: 12.65 min Scan# 3440
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

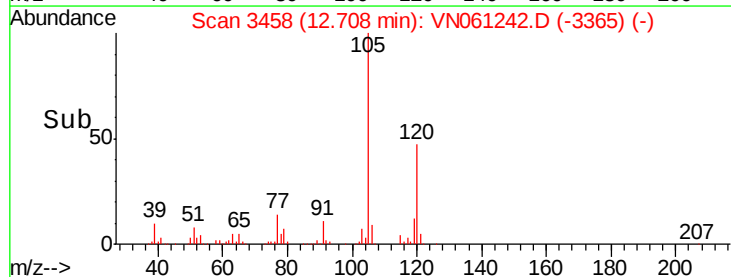
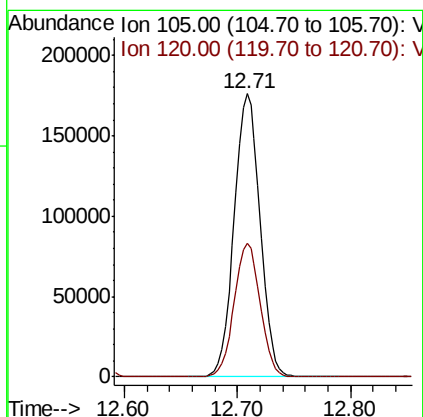
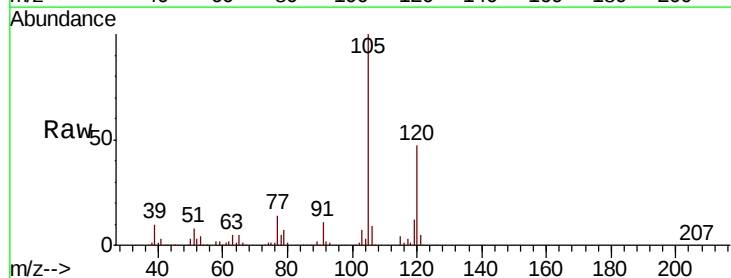
Instrument :
 MSVOA_N
 ClientSampleId :

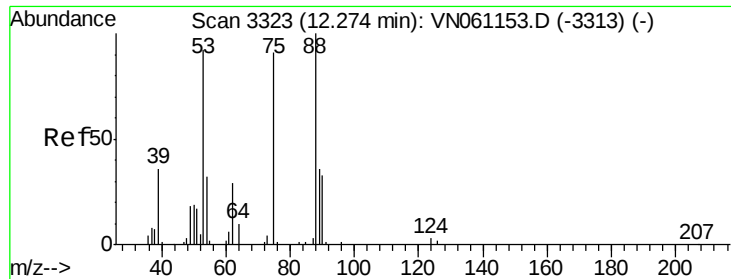
Tot Ion: 91 Resp: 233430
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.042 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Tgt Ion: 105 Resp: 280936
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 49.698 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

ClientSampleId :

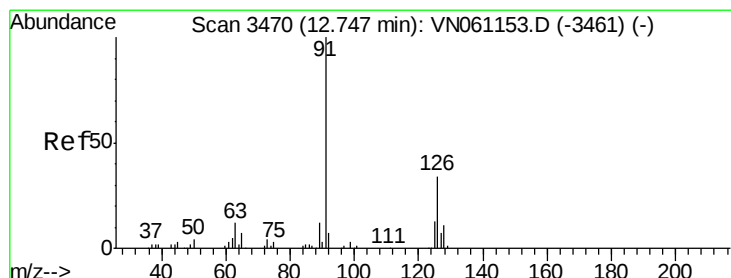
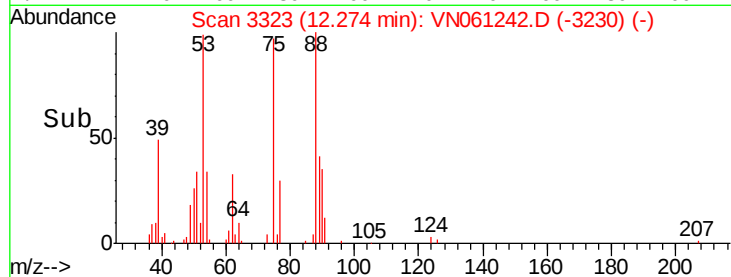
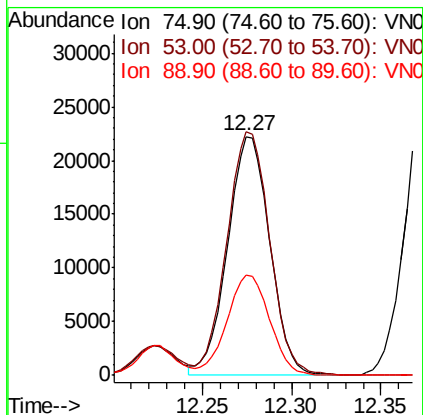
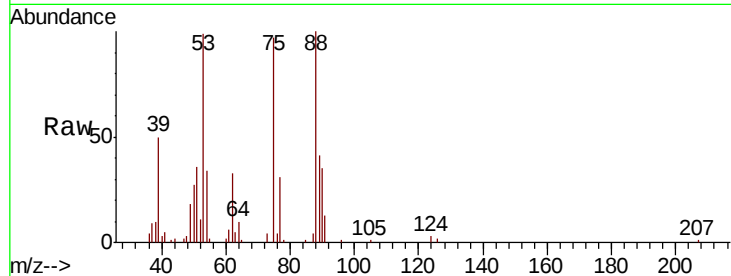
Tot Ion: 75 Resp: 36606

Ion Ratio Lower Upper

75 100

53 103.3 84.1 126.1

89 42.4 35.2 52.8



#82

4-Chlorotoluene

Concen: 51.984 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061242.D

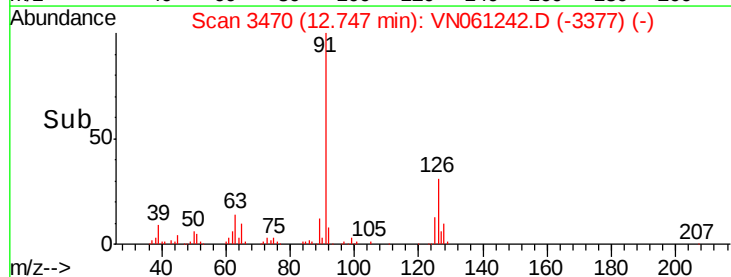
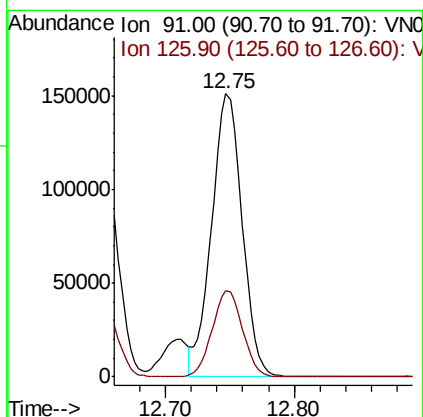
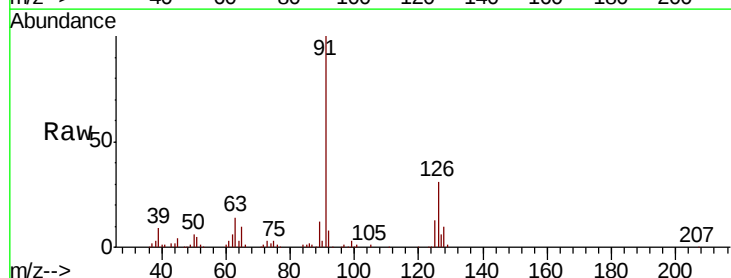
Acq: 1 May 2020 19:46

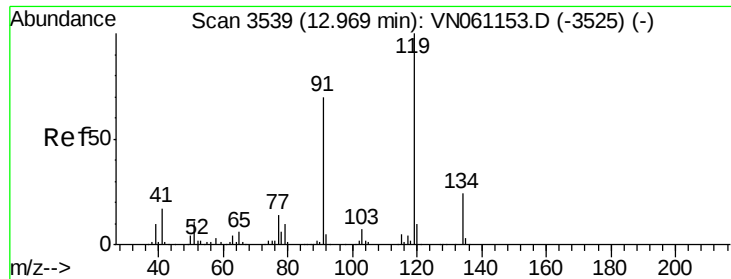
Tgt Ion: 91 Resp: 249138

Ion Ratio Lower Upper

91 100

126 30.2 15.7 47.1

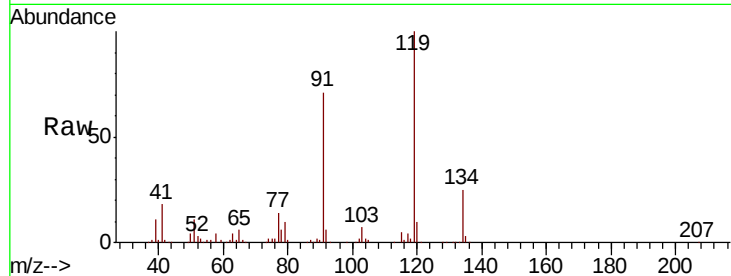




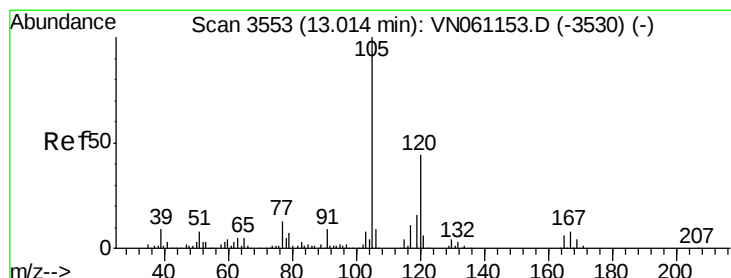
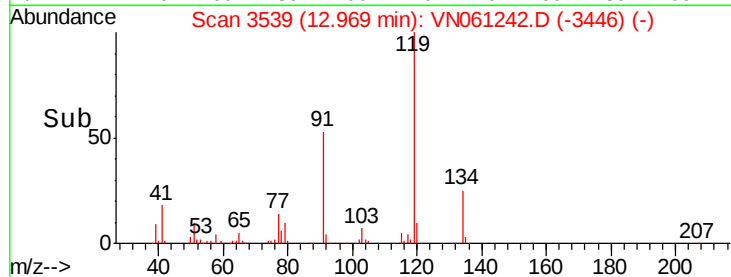
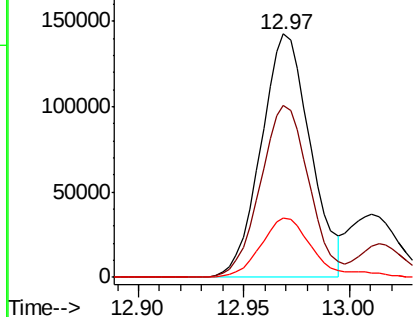
#83
 tert-Butylbenzene
 Concen: 50.959 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 231960
 Ion Ratio Lower Upper
 119 100
 91 70.0 34.8 104.4
 134 26.2 12.9 38.7

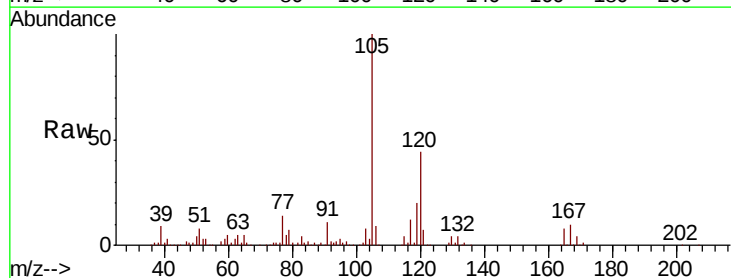


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

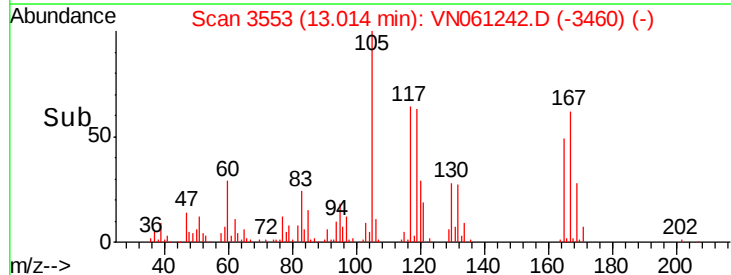
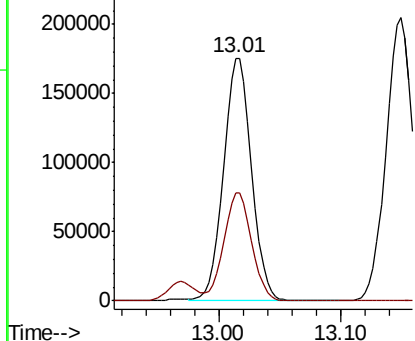


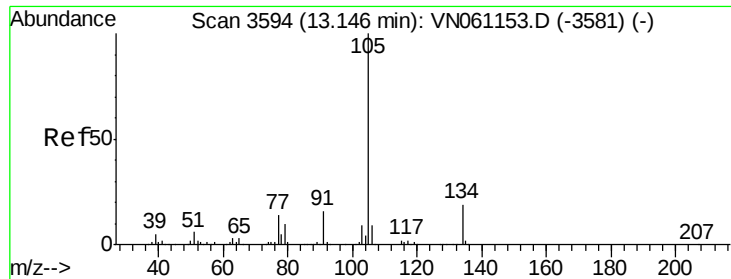
#84
 1,2,4-Trimethylbenzene
 Concen: 50.639 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Tgt Ion:105 Resp: 281640
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.659 ug/l

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

Instrument :

MSVOA_N

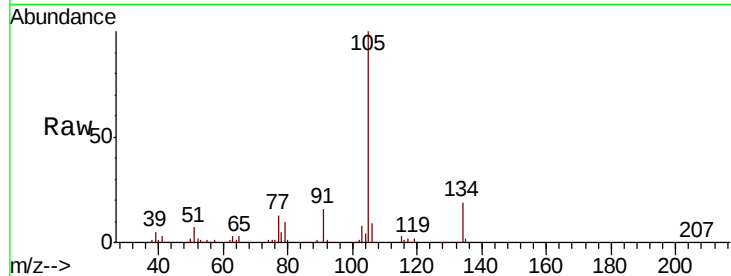
ClientSampleId :

Tot Ion:105 Resp: 320592

Ion Ratio Lower Upper

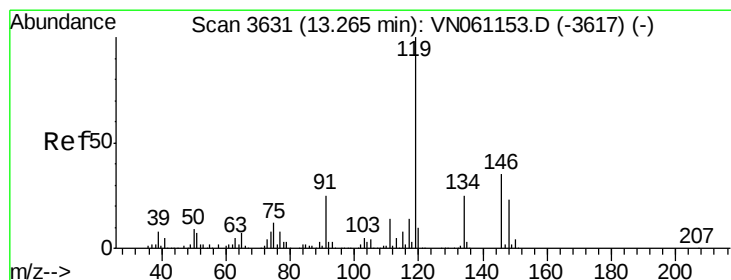
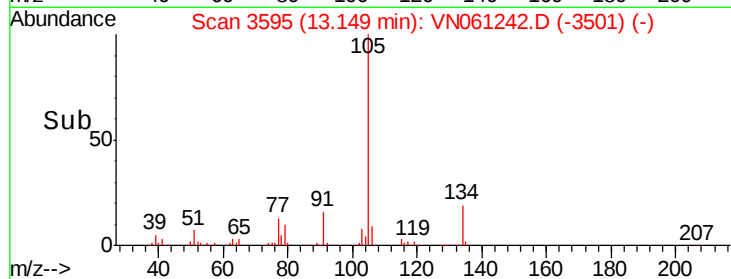
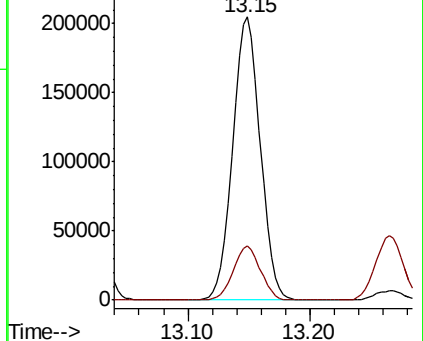
105 100

134 18.9 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.151 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061242.D

Acq: 1 May 2020 19:46

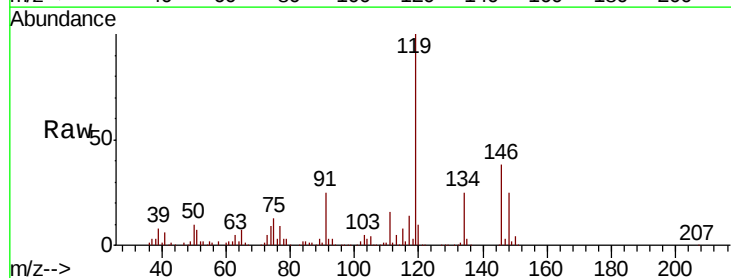
Tgt Ion:119 Resp: 286009

Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.6

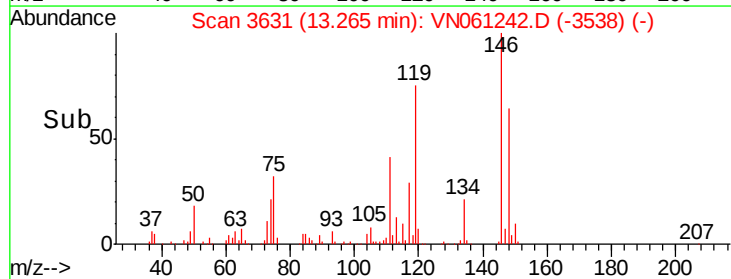
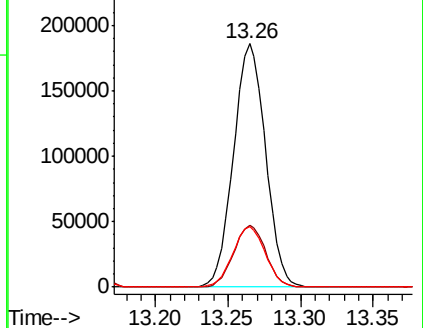
91 25.1 12.7 38.0

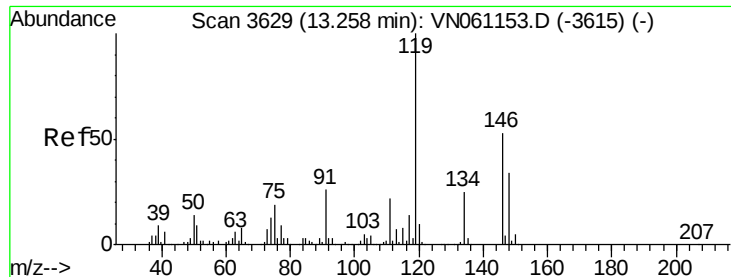


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

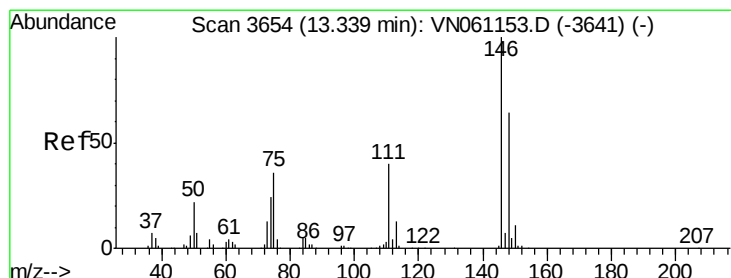
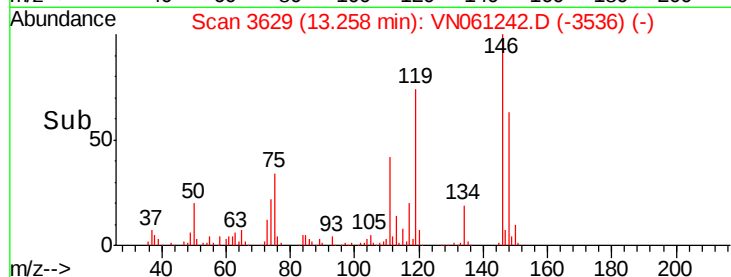
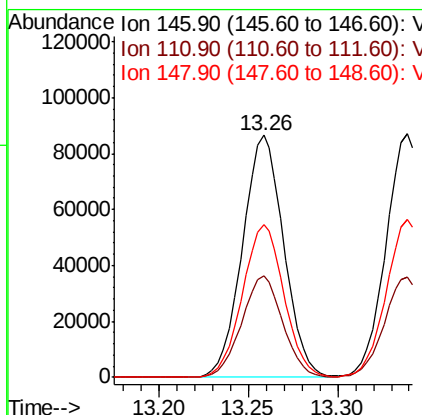
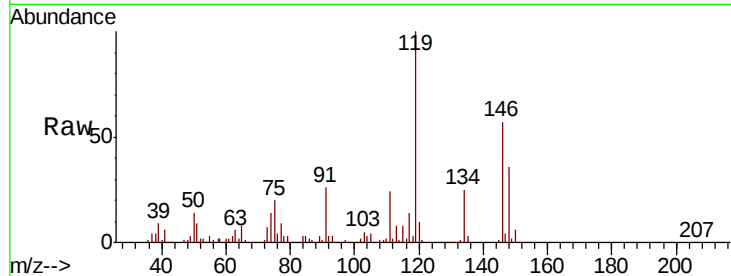




#87
 1,3-Dichlorobenzene
 Concen: 50.497 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

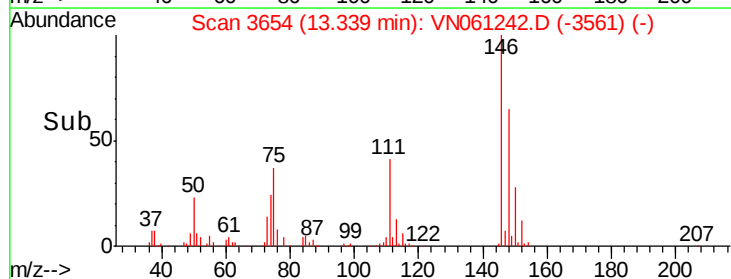
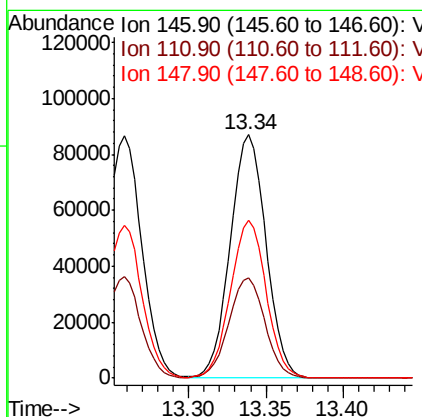
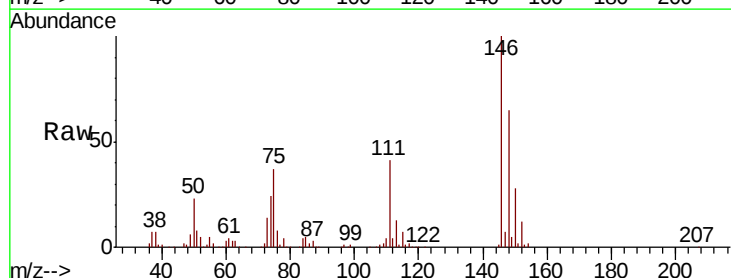
Instrument :
 MSVOA_N
 ClientSampled :

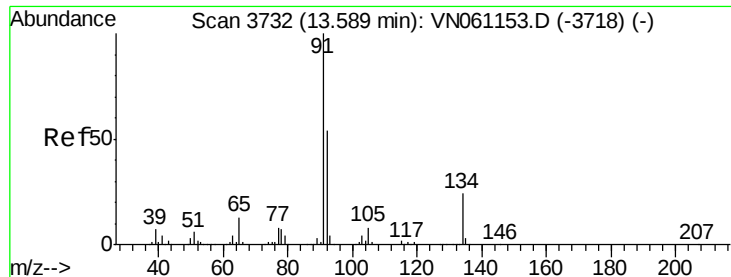
Tot Ion:146 Resp: 139966
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.7 62.1
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.409 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Tgt Ion:146 Resp: 139928
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.4 61.3
 148 64.6 31.9 95.7

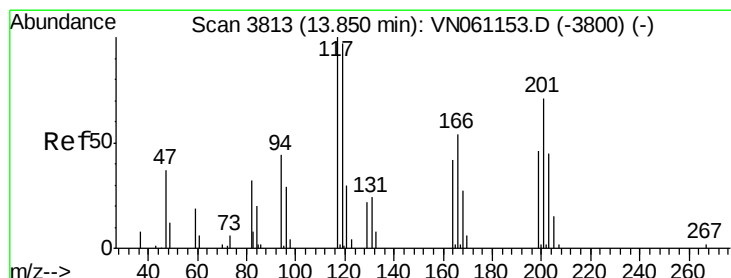
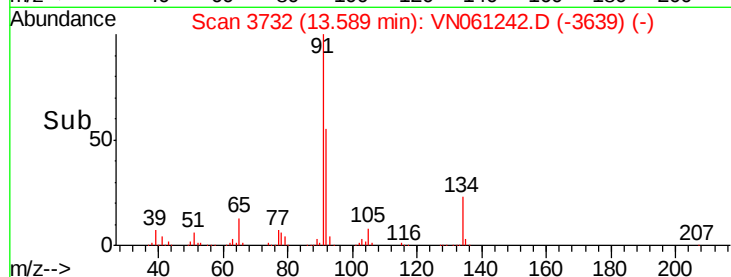
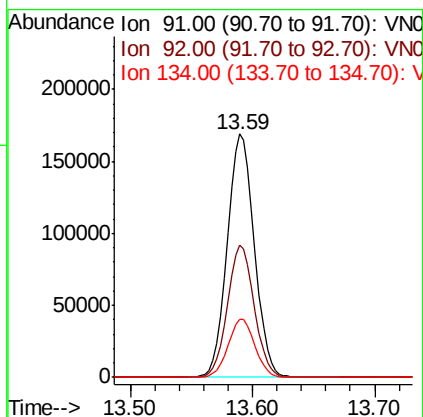
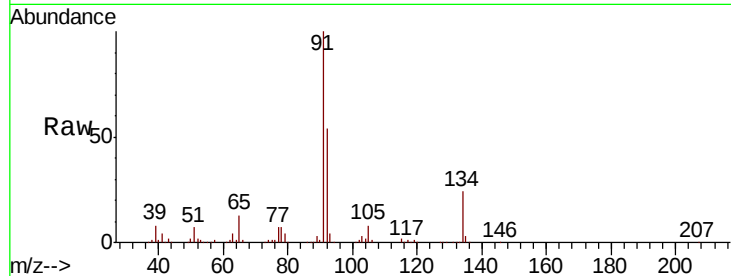




#89
n-Butylbenzene
Concen: 51.169 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

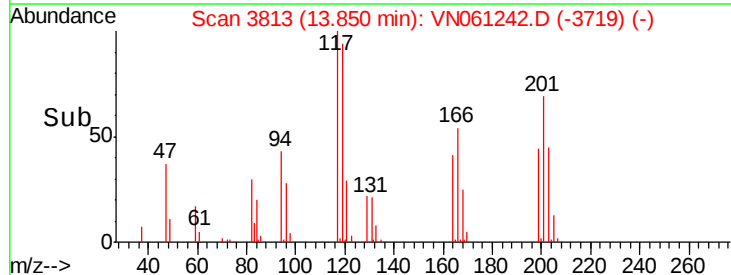
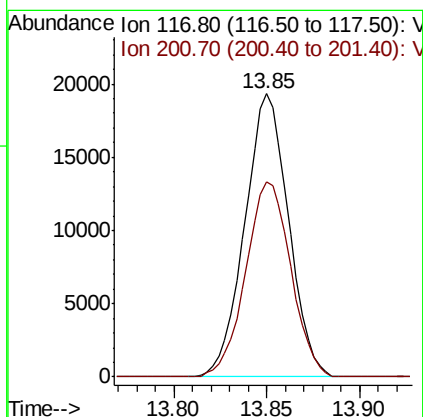
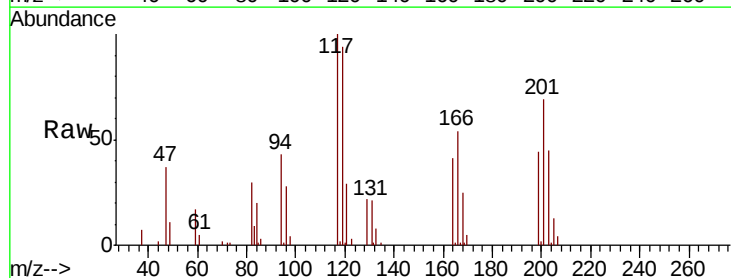
Instrument :
MSVOA_N
ClientSampleId :

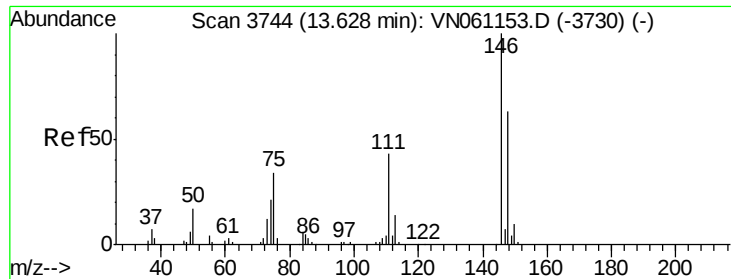
Tot Ion: 91 Resp: 262291
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.3
134 23.7 11.9 35.5



#90
Hexachloroethane
Concen: 53.551 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion: 117 Resp: 31605
Ion Ratio Lower Upper
117 100
201 71.0 35.5 106.7

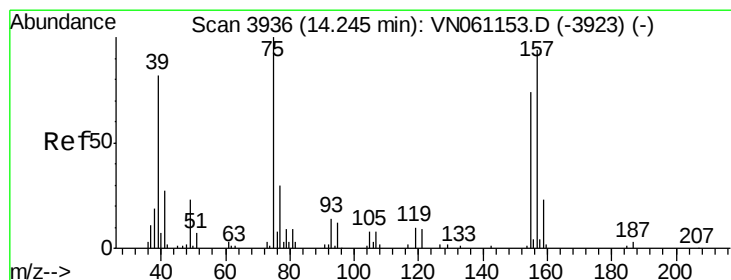
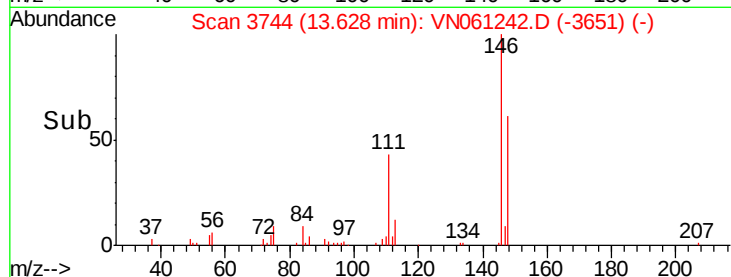
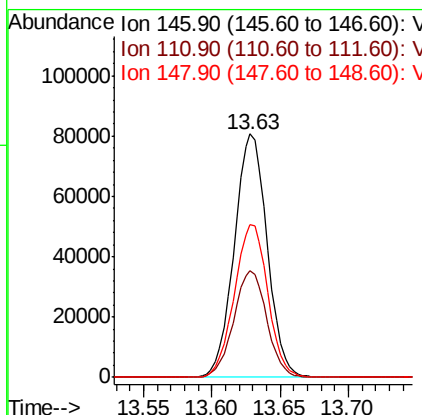
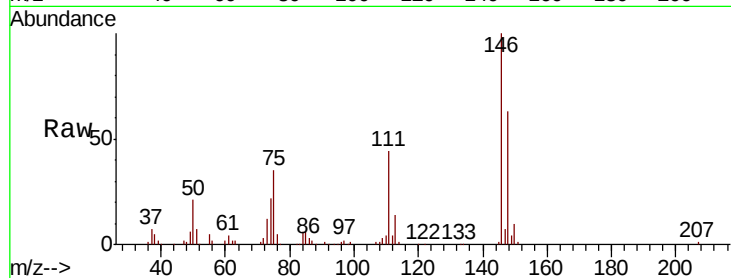




#91
 1,2-Dichlorobenzene
 Concen: 50.704 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

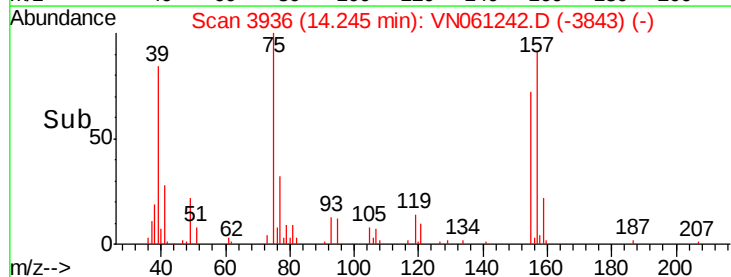
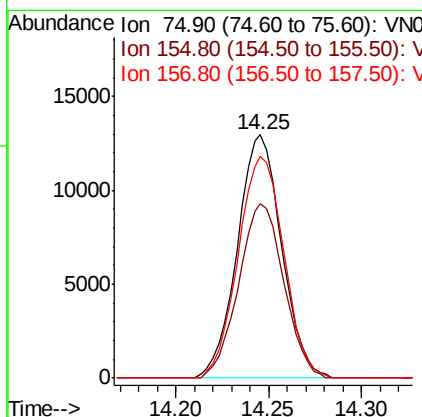
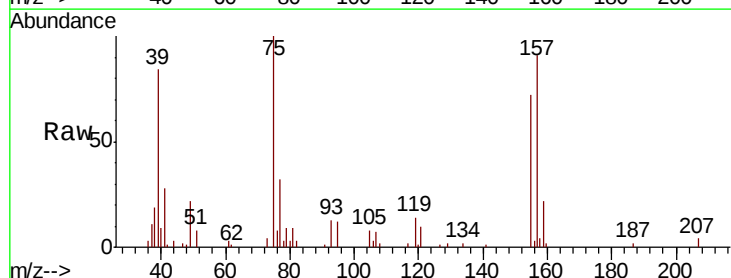
Instrument :
 MSVOA_N
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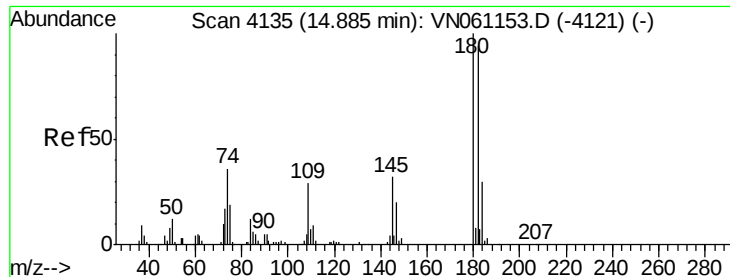
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.8	65.3
148	64.0	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.978 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.9	36.5	109.7
157	93.9	46.6	139.7

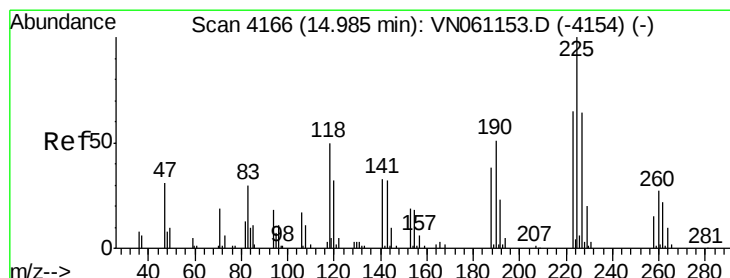
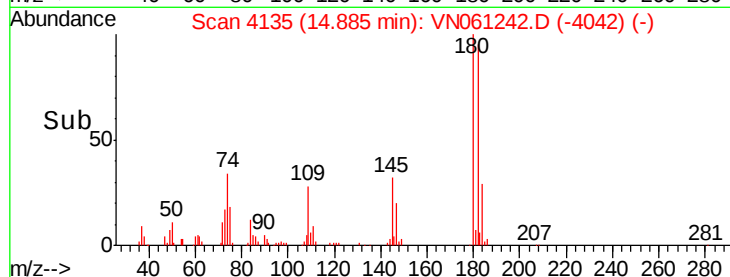
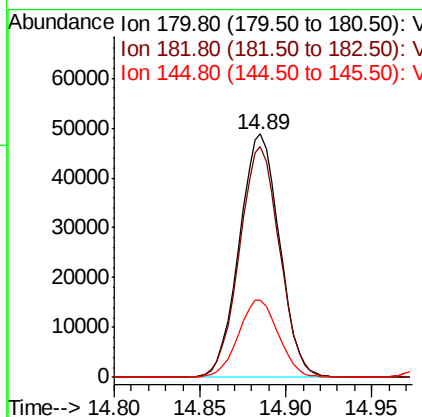
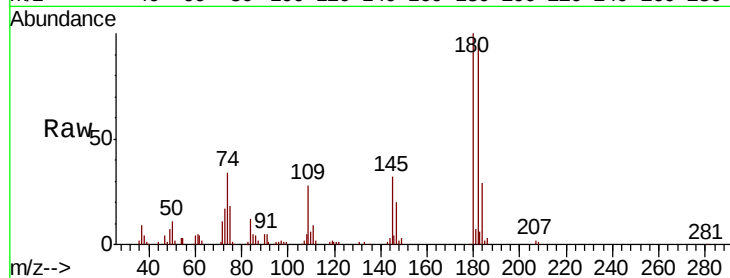




#93
 1,2,4-Trichlorobenzene
 Concen: 49.047 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

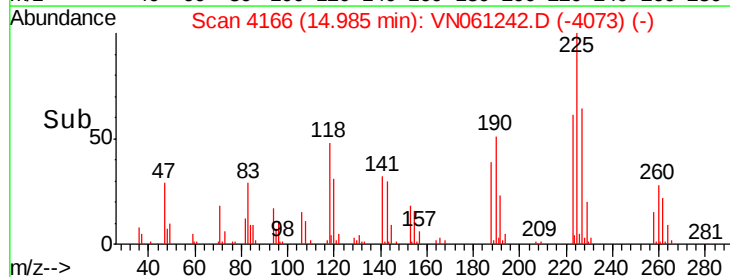
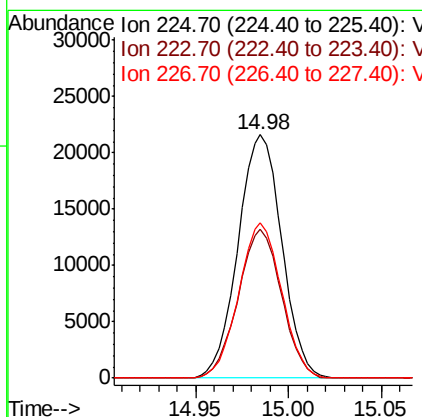
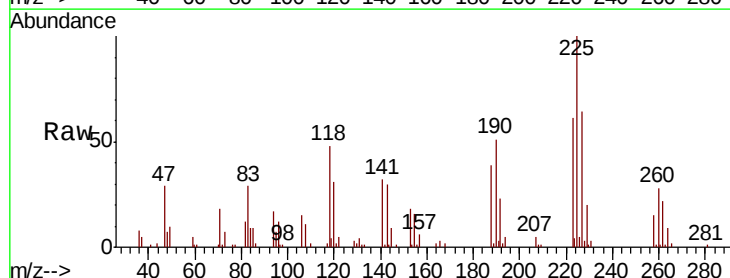
Instrument :
 MSVOA_N
 ClientSampleId :

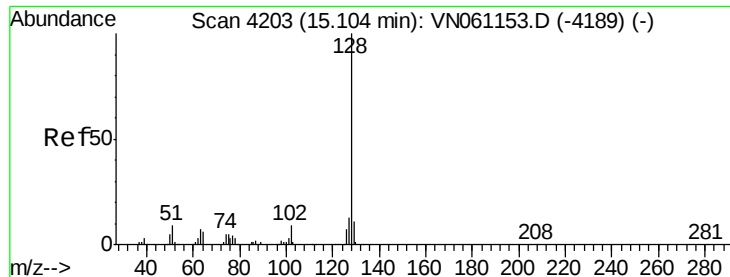
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	31.7	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 52.470 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061242.D
 Acq: 1 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	32.4	97.0
227	62.6	32.4	97.0

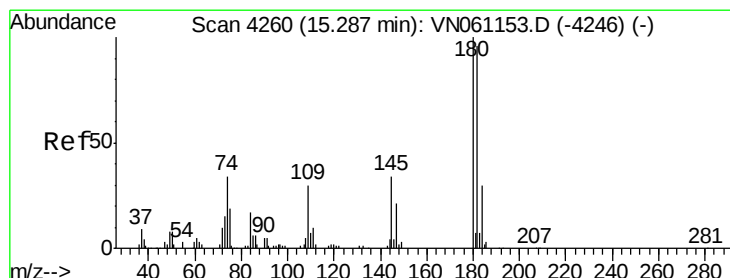
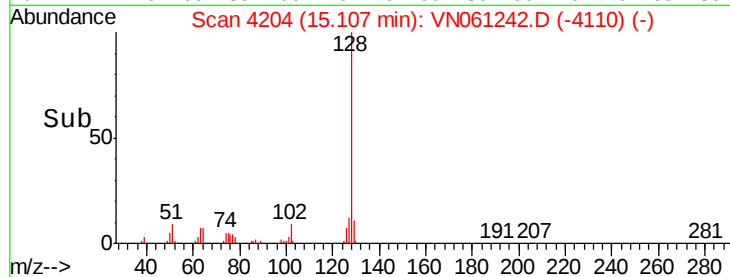
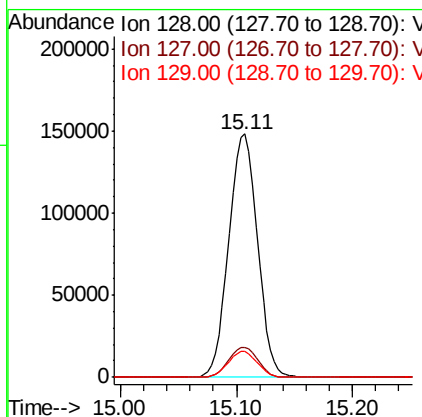
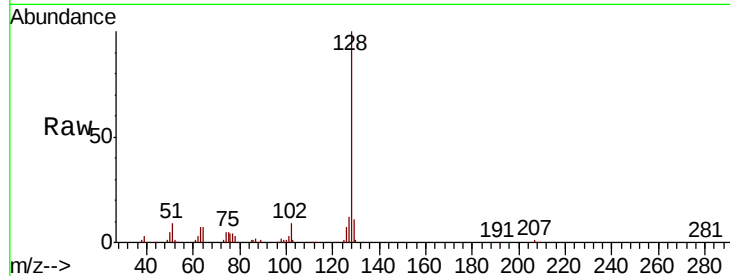




#95
Naphthalene
Concen: 48.164 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 253853
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.782 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. 0.00 min
Lab File: VN061242.D
Acq: 1 May 2020 19:46

Tgt Ion:180 Resp: 77946
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 33.9 16.9 50.7

