

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061282.D
 Acq On : 4 May 2020 16:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 05 03:46:30 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	108638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	185891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	176336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86400	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	84607	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	49634	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
50) Toluene-d8	10.06	98	225147	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.38	95	87015	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	56454	49.004	ug/l	99
3) Chloromethane	2.03	50	75528	54.133	ug/l	98
4) Vinyl Chloride	2.16	62	84360	53.233	ug/l	99
5) Bromomethane	2.53	94	34073	43.497	ug/l	99
6) Chloroethane	2.67	64	50779	50.554	ug/l	100
7) Trichlorofluoromethane	2.98	101	102977	57.596	ug/l	98
8) Diethyl Ether	3.37	74	41117	55.135	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	59401	51.571	ug/l	99
10) Methyl Iodide	3.91	142	63190	42.688	ug/l	100
11) Tert butyl alcohol	4.73	59	81817	355.306	ug/l	100
12) 1,1-Dichloroethene	3.70	96	57037	49.761	ug/l	99
13) Acrolein	3.56	56	49615	323.322	ug/l	95
14) Allyl chloride	4.27	41	126137	59.350	ug/l	97
15) Acrylonitrile	4.93	53	217869	308.215	ug/l	99
16) Acetone	3.77	43	200226	302.332	ug/l	99
17) Carbon Disulfide	4.01	76	129213	40.809	ug/l	100
18) Methyl Acetate	4.27	43	115436	53.155	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	225136	51.403	ug/l	99
20) Methylene Chloride	4.50	84	66017	49.252	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	62301	49.916	ug/l	98
22) Diisopropyl ether	5.90	45	259225	52.598	ug/l	96
23) Vinyl Acetate	5.84	43	1091707	275.111	ug/l	100
24) 1,1-Dichloroethane	5.80	63	130648	50.737	ug/l	100
25) 2-Butanone	6.78	43	321671	316.238	ug/l	100
26) 2,2-Dichloropropane	6.77	77	109993	50.714	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	73328	50.064	ug/l	99
28) Bromochloromethane	7.15	49	63507	52.034	ug/l	96
29) Tetrahydrofuran	7.17	42	214453	312.981	ug/l	98
30) Chloroform	7.33	83	128504	49.245	ug/l	98
31) Cyclohexane	7.61	56	113517	45.394	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	111896	49.243	ug/l	100
36) 1,1-Dichloropropene	7.75	75	94930	51.014	ug/l	100
37) Ethyl Acetate	6.88	43	128358	58.838	ug/l	100
38) Carbon Tetrachloride	7.73	117	85148	50.145	ug/l	99

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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	99959	47.899	ug/l	98
40) Benzene	8.00	78	277818	50.112	ug/l	99
41) Methacrylonitrile	7.16	41	191244	211.139	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	109173	51.981	ug/l	100
43) Isopropyl Acetate	8.13	43	206538	57.047	ug/l	99
44) Trichloroethene	8.80	130	70869	47.287	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75730	51.130	ug/l	99
46) Dibromomethane	9.17	93	47725	52.041	ug/l	100
47) Bromodichloromethane	9.37	83	104560	53.120	ug/l	99
48) Methyl methacrylate	9.17	41	94661	57.940	ug/l	98
49) 1,4-Dioxane	9.17	88	21843	1177.822	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	672008	315.335	ug/l	100
52) Toluene	10.13	92	171136	51.249	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	115969	52.287	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	122220	52.124	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	68808	51.660	ug/l	99
56) Ethyl methacrylate	10.40	69	118607	51.041	ug/l	99
57) 1,3-Dichloropropane	10.68	76	123289	52.660	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	287784	266.927	ug/l	99
59) 2-Hexanone	10.72	43	515049	332.201	ug/l	100
60) Dibromochloromethane	10.87	129	73626	52.778	ug/l	98
61) 1,2-Dibromoethane	10.98	107	69752	52.249	ug/l	97
64) Tetrachloroethene	10.60	164	67472	44.178	ug/l	98
65) Chlorobenzene	11.41	112	176961	50.590	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	65483	52.305	ug/l	99
67) Ethyl Benzene	11.48	91	339071	51.782	ug/l	99
68) m/p-Xylenes	11.60	106	245610	102.475	ug/l	97
69) o-Xylene	11.92	106	118065	51.282	ug/l	98
70) Styrene	11.94	104	203981	52.937	ug/l	99
71) Bromoform	12.10	173	50833	55.247	ug/l #	99
73) Isopropylbenzene	12.22	105	324492	51.088	ug/l	100
74) N-amyl acetate	12.04	43	185606	57.707	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	106345	53.695	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	150484	82.613	ug/l #	100
77) Bromobenzene	12.50	156	73454	50.097	ug/l	96
78) n-propylbenzene	12.57	91	384885	51.088	ug/l	99
79) 2-Chlorotoluene	12.65	91	223636	50.503	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	265583	50.520	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	40311	56.199	ug/l	98
82) 4-Chlorotoluene	12.75	91	239866	51.395	ug/l	98
83) tert-Butylbenzene	12.97	119	223634	50.450	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	272784	50.365	ug/l	99
85) sec-Butylbenzene	13.15	105	300891	49.787	ug/l	99
86) p-Isopropyltoluene	13.26	119	272806	50.101	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	137265	50.853	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	137638	49.906	ug/l	100
89) n-Butylbenzene	13.59	91	254527	50.989	ug/l	100
90) Hexachloroethane	13.85	117	32486	56.100	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	129634	50.088	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	24533	58.651	ug/l	99

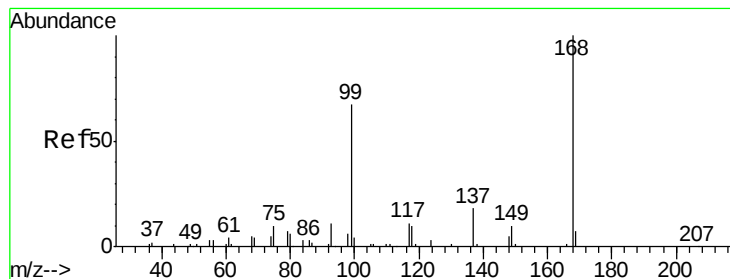
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	75494	47.901	ug/l	99
94) Hexachlorobutadiene	14.98	225	27727	42.111	ug/l	99
95) Naphthalene	15.10	128	249932	48.694	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	68311	43.901	ug/l	100

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

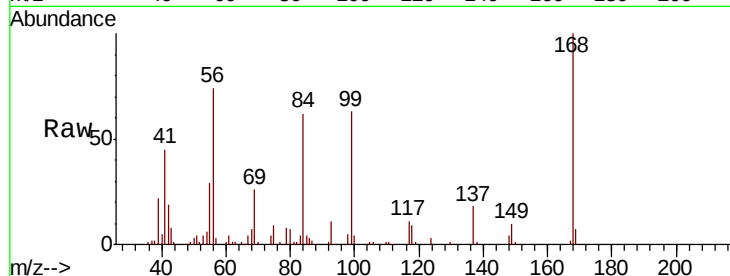


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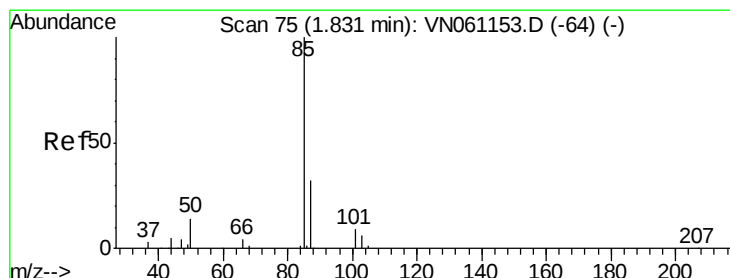
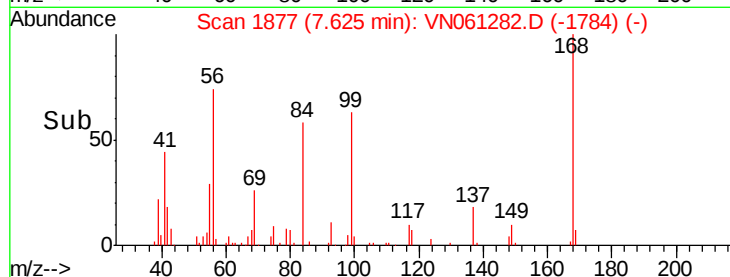
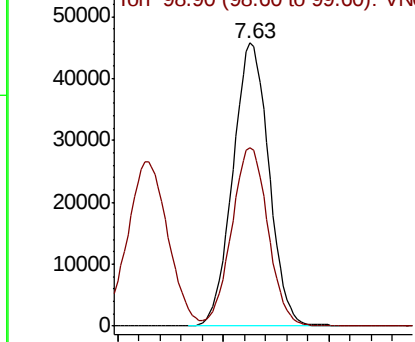
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:168 Resp: 108638
 Ion Ratio Lower Upper
 168 100
 99 63.2 51.2 76.8



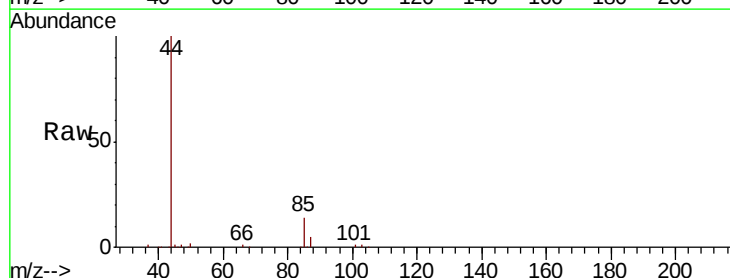
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VNO



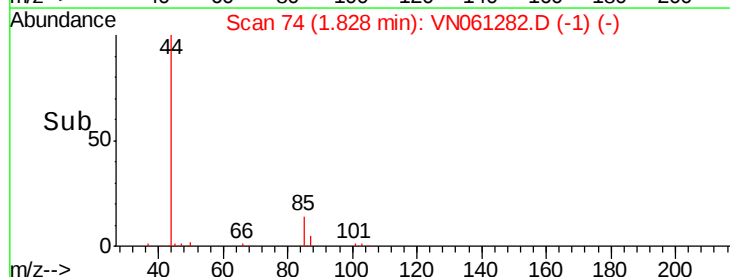
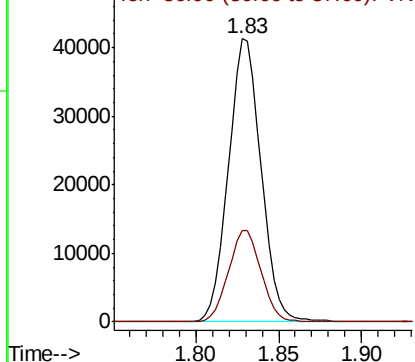
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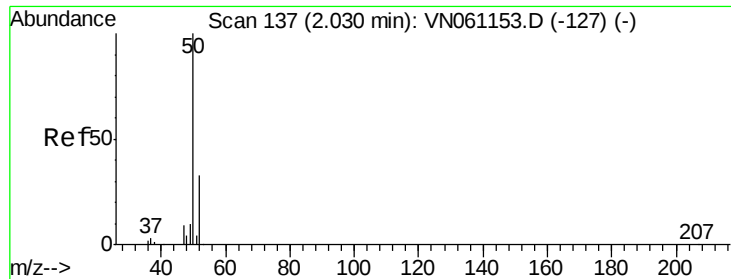
Dichlorodifluoromethane
 Concen: 49.004 ug/l
 RT: 1.83 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion: 85 Resp: 56454
 Ion Ratio Lower Upper
 85 100
 87 32.4 16.1 48.2



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





#3

Chloromethane

Concen: 54.133 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

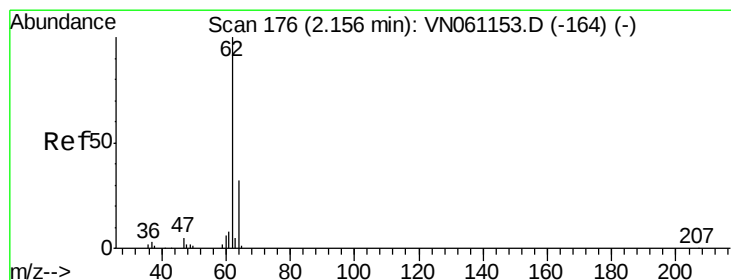
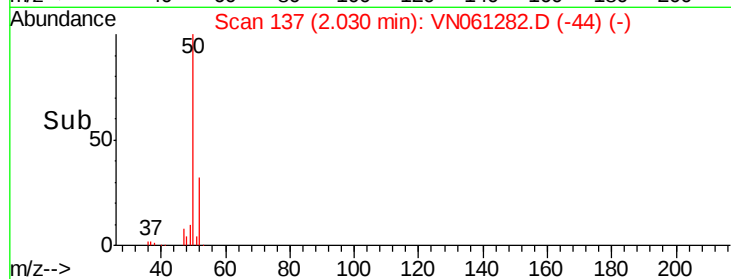
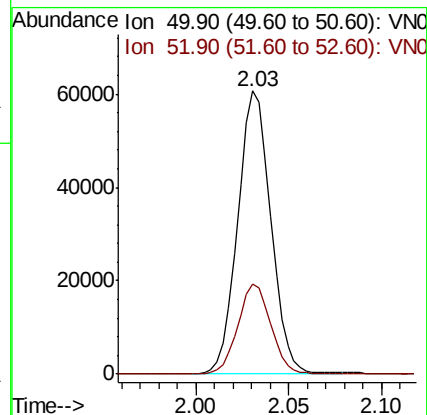
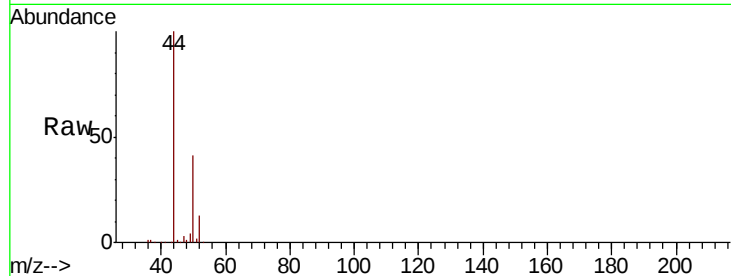
ClientSampleId :

Tot Ion: 50 Resp: 75528

Ion Ratio Lower Upper

50 100

52 31.6 26.0 39.0



#4

Vinyl Chloride

Concen: 53.233 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061282.D

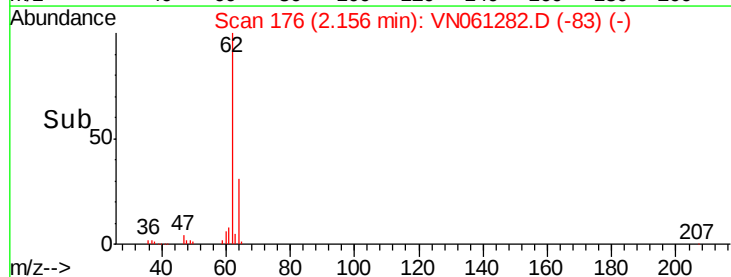
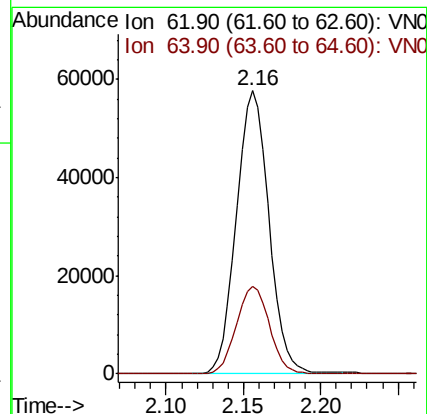
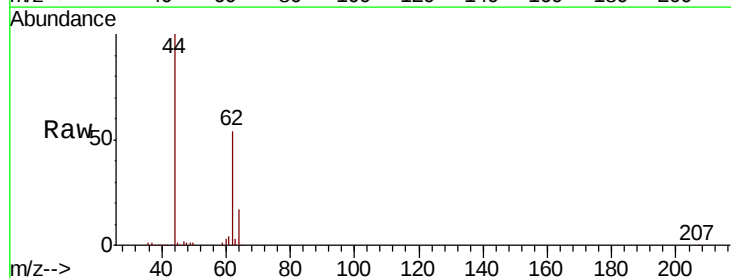
Acq: 4 May 2020 16:49

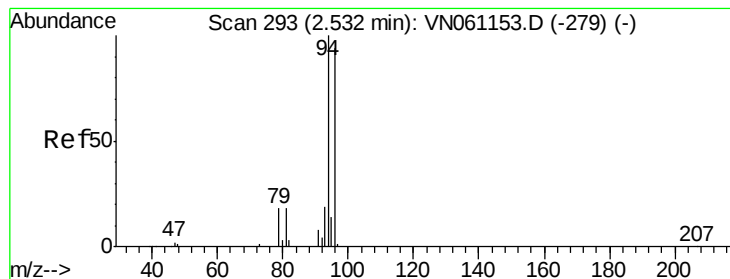
Tgt Ion: 62 Resp: 84360

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 43.497 ug/l

RT: 2.53 min Scan# 291

Delta R.T. -0.01 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

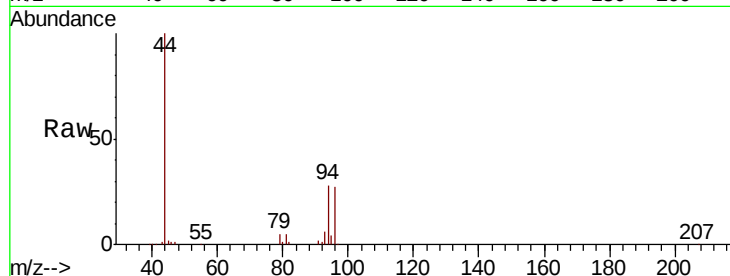
ClientSampleId :

Tot Ion: 94 Resp: 34073

Ion Ratio Lower Upper

94 100

96 95.3 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN061153.D (-279) (-)

Ion 95.90 (95.60 to 96.60): VN061153.D (-279) (-)

20000

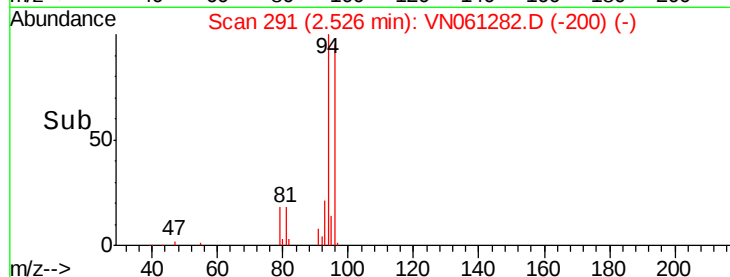
15000

10000

5000

0

Time-->



Abundance Ion 93.90 (93.60 to 94.60): VN061282.D (-200) (-)

Ion 95.90 (95.60 to 96.60): VN061282.D (-200) (-)

20000

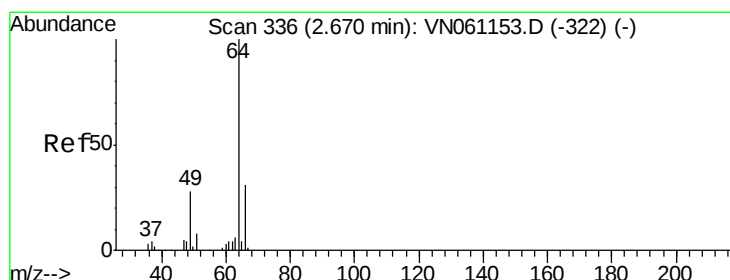
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 50.554 ug/l

RT: 2.67 min Scan# 335

Delta R.T. -0.00 min

Lab File: VN061282.D

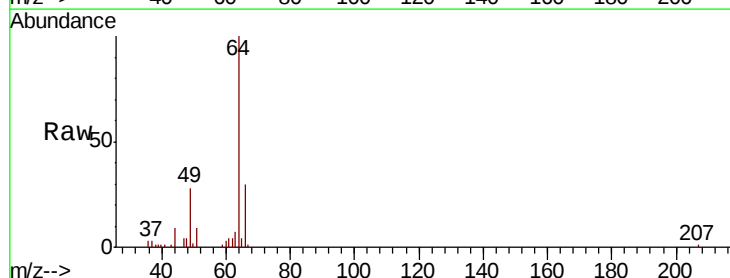
Acq: 4 May 2020 16:49

Tgt Ion: 64 Resp: 50779

Ion Ratio Lower Upper

64 100

66 30.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN061153.D (-322) (-)

Ion 65.90 (65.60 to 66.60): VN061153.D (-322) (-)

30000

25000

20000

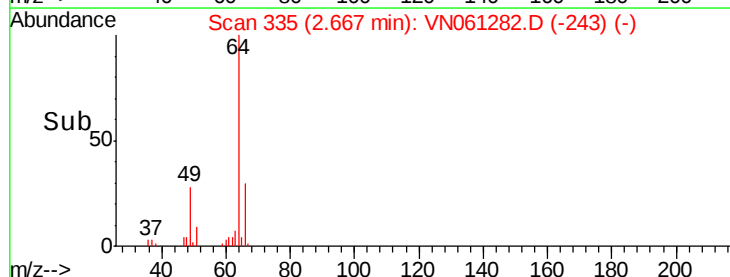
15000

10000

5000

0

Time-->



Abundance Ion 63.90 (63.60 to 64.60): VN061282.D (-243) (-)

Ion 65.90 (65.60 to 66.60): VN061282.D (-243) (-)

30000

25000

20000

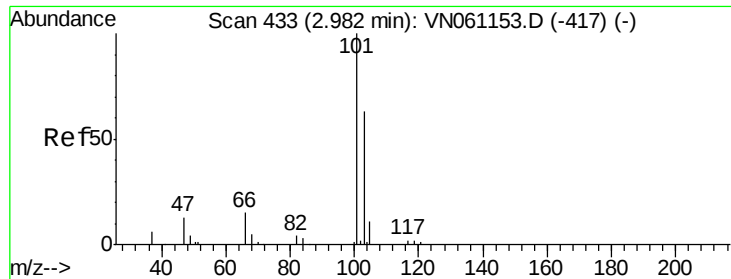
15000

10000

5000

0

Time-->

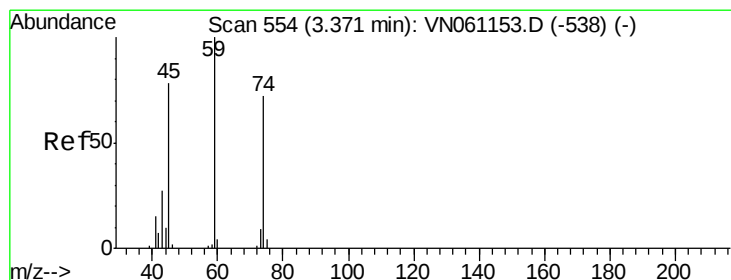
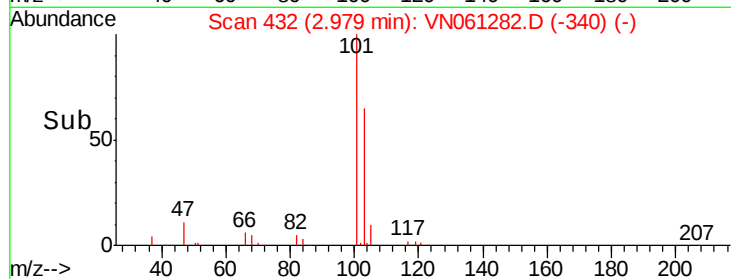
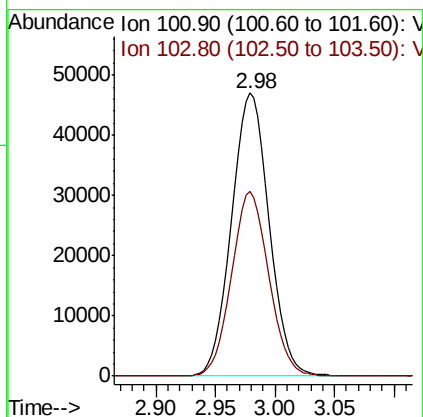
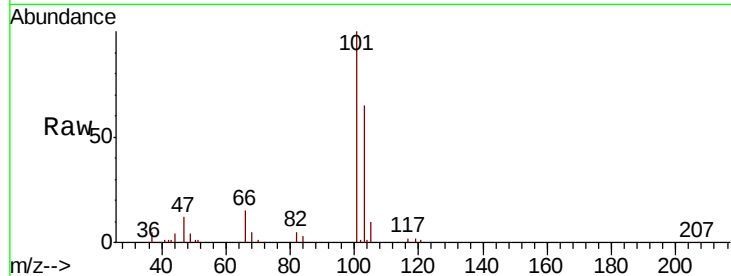


#7

Trichlorofluoromethane
Concen: 57.596 ug/l
RT: 2.98 min Scan# 432
Delta R.T. -0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampled :

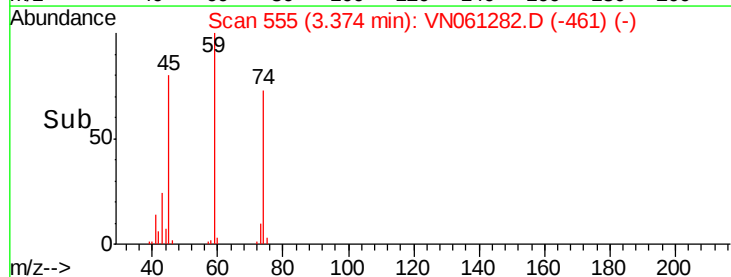
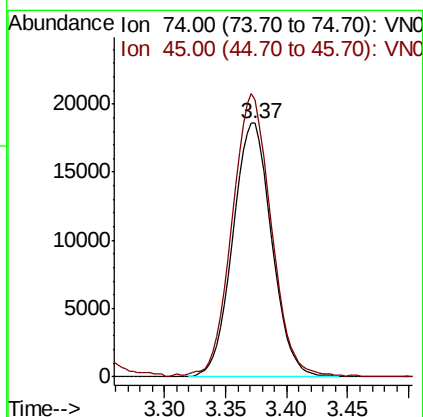
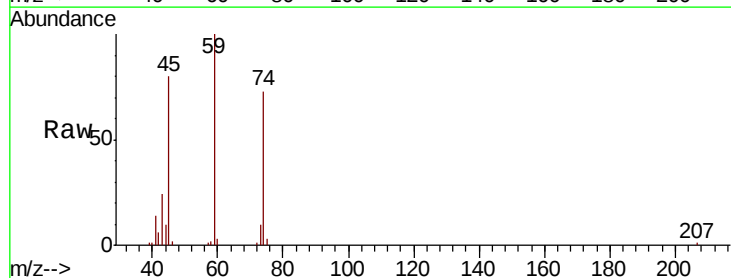
Tot Ion:101 Resp: 102977
Ion Ratio Lower Upper
101 100
103 65.1 50.6 76.0

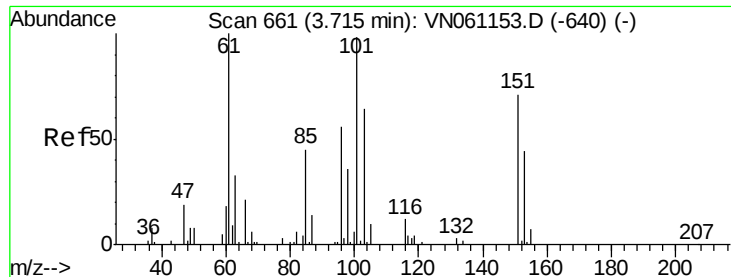


#8

Diethyl Ether
Concen: 55.135 ug/l
RT: 3.37 min Scan# 555
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 74 Resp: 41117
Ion Ratio Lower Upper
74 100
45 112.7 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.571 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampled :

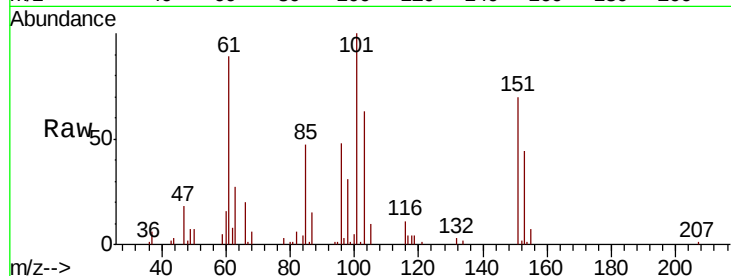
Tot Ion:101 Resp: 59401

Ion Ratio Lower Upper

101 100

85 47.2 37.2 55.8

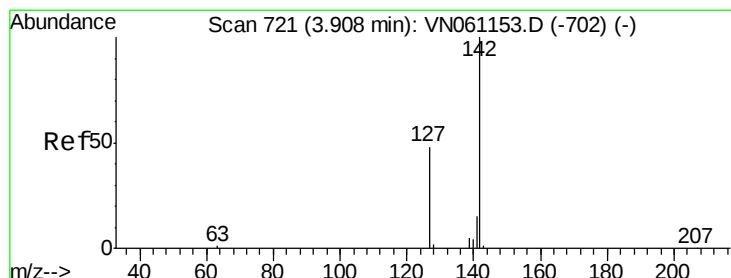
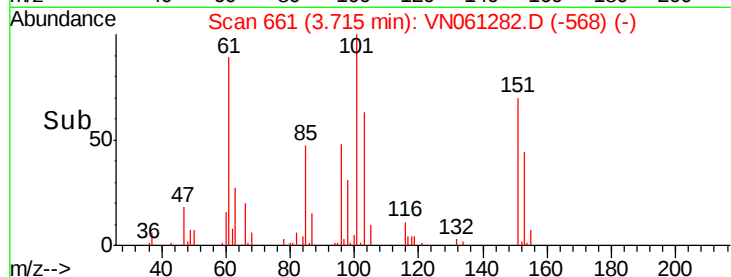
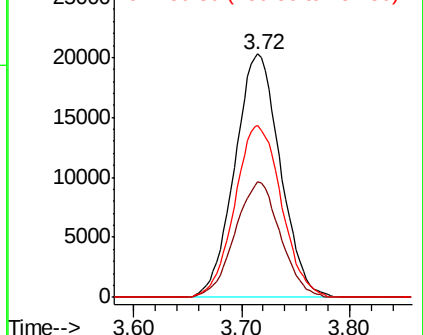
151 72.4 57.7 86.5



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: 42.688 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

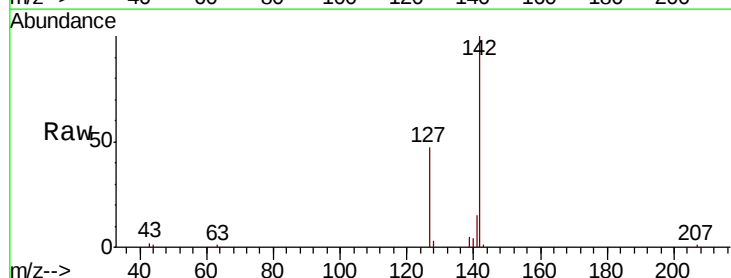
Tgt Ion:142 Resp: 63190

Ion Ratio Lower Upper

142 100

127 47.8 38.0 57.0

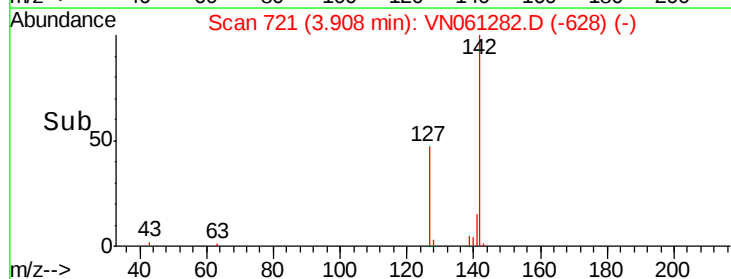
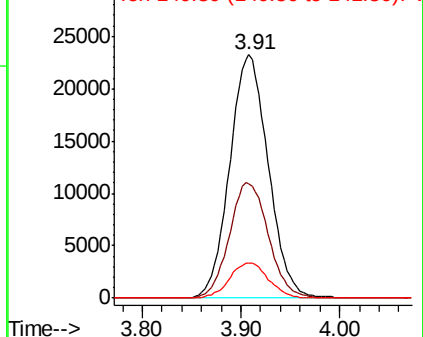
141 14.4 11.7 17.5

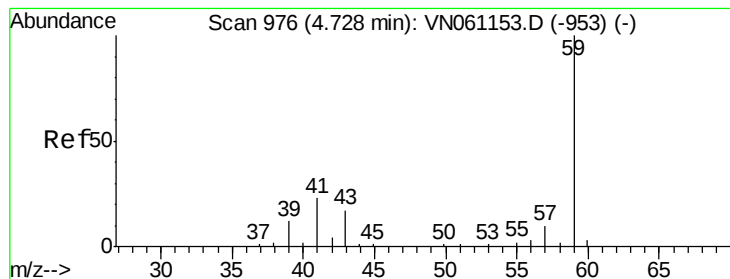


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



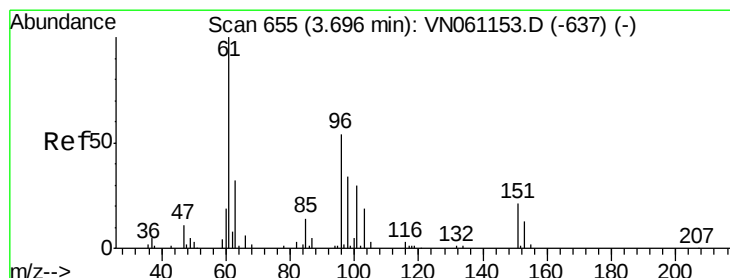
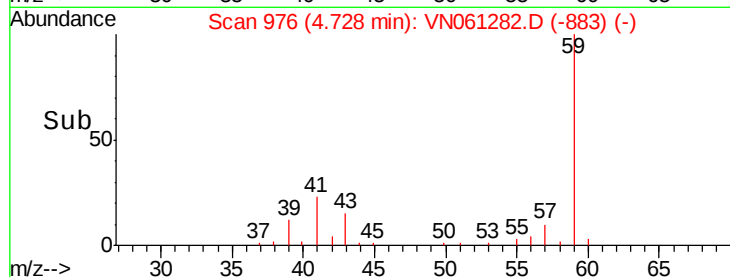
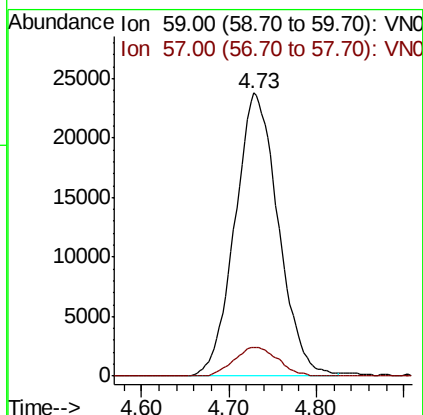
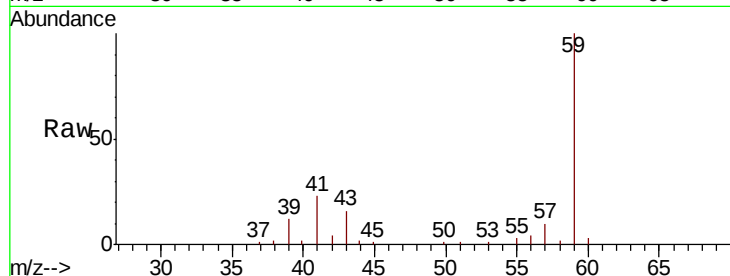


#11

Tert butyl alcohol
 Concen: 355.306 ug/l
 RT: 4.73 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampled :

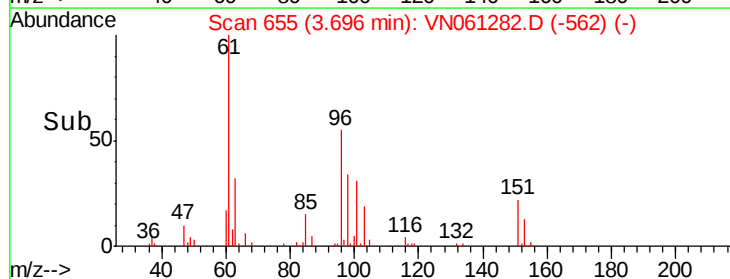
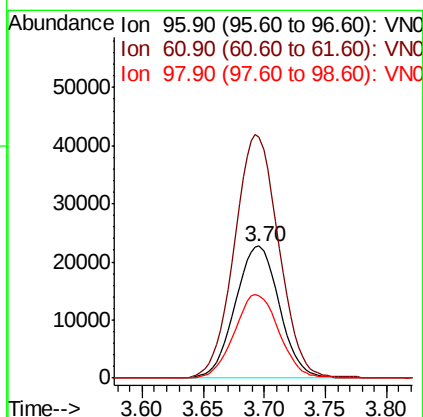
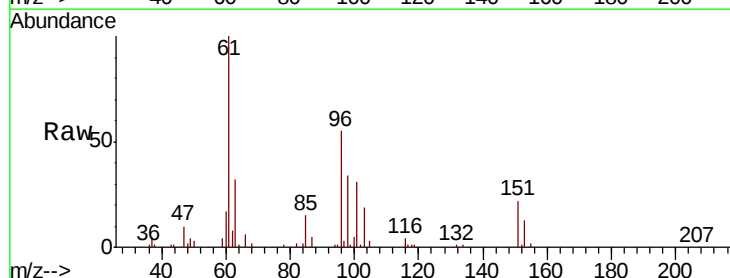
Tot Ion: 59 Resp: 81817
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

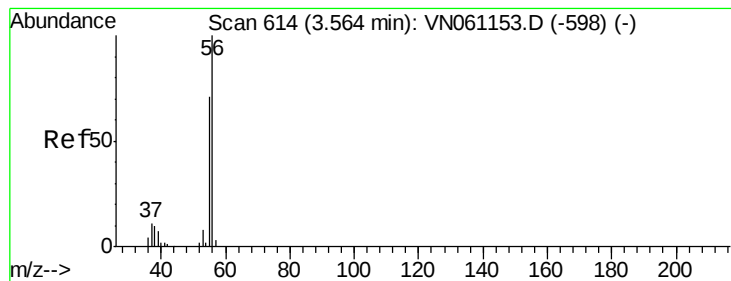


#12

1,1-Dichloroethene
 Concen: 49.761 ug/l
 RT: 3.70 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion: 96 Resp: 57037
 Ion Ratio Lower Upper
 96 100
 61 182.2 147.0 220.6
 98 62.1 49.8 74.6





#13

Acrolein

Concen: 323.322 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

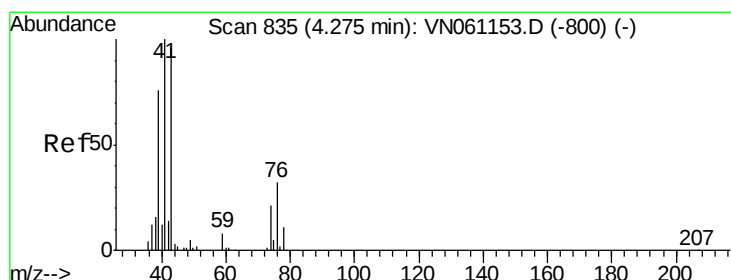
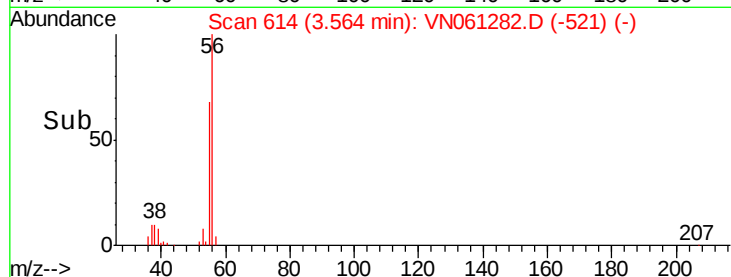
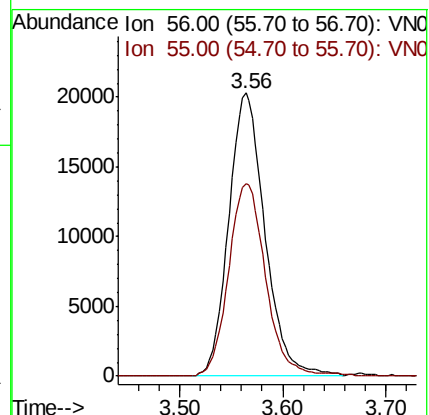
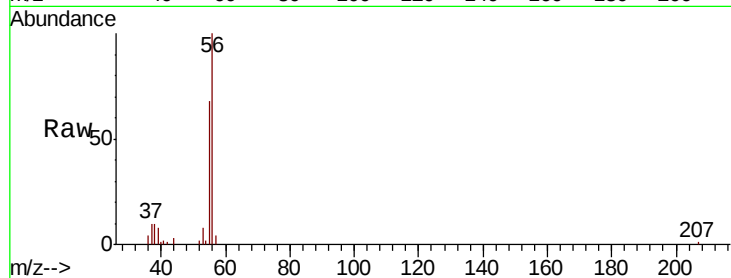
ClientSampleId :

Tot Ion: 56 Resp: 49615

Ion Ratio Lower Upper

56 100

55 69.1 58.5 87.7



#14

Allyl chloride

Concen: 59.350 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

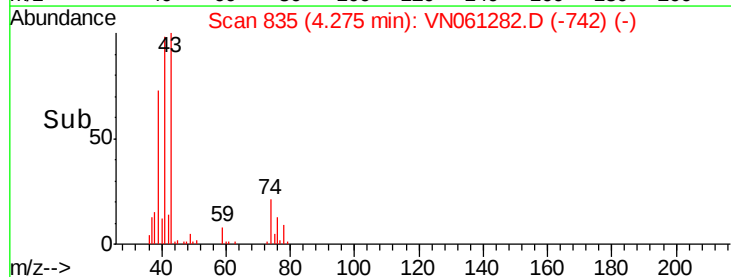
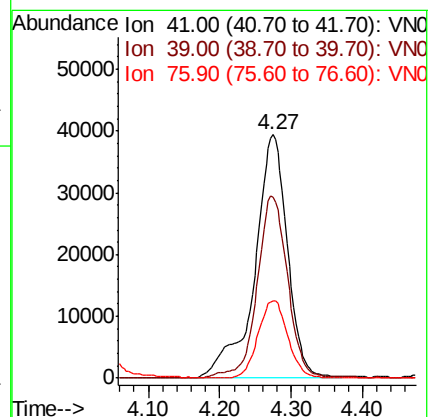
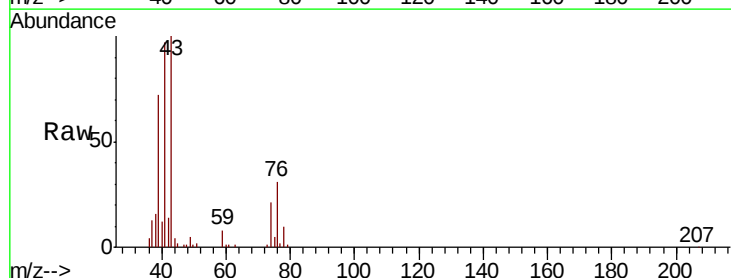
Tgt Ion: 41 Resp: 126137

Ion Ratio Lower Upper

41 100

39 69.2 57.1 85.7

76 28.7 24.3 36.5





#15

Acrylonitrile

Concen: 308.215 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

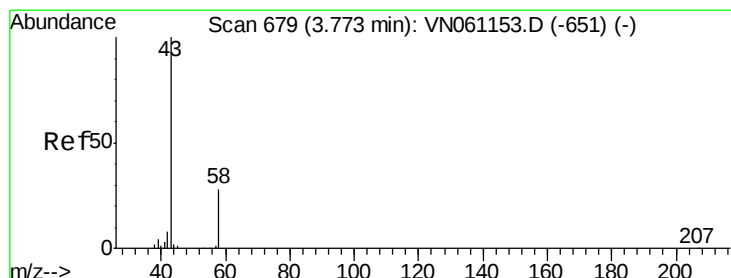
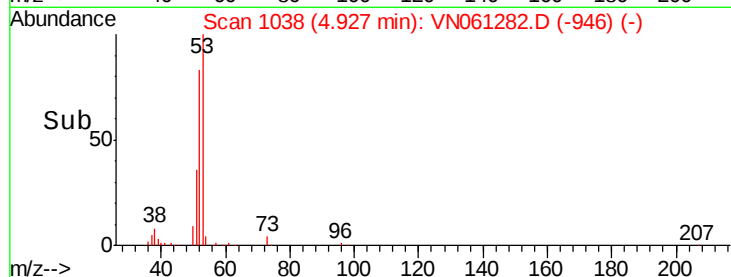
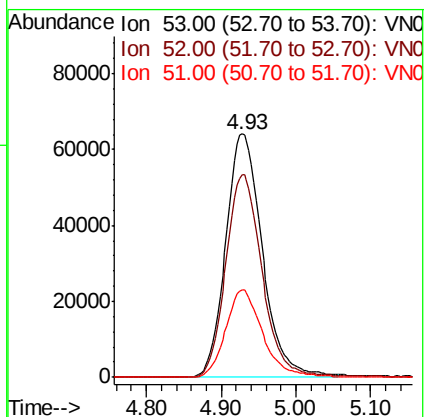
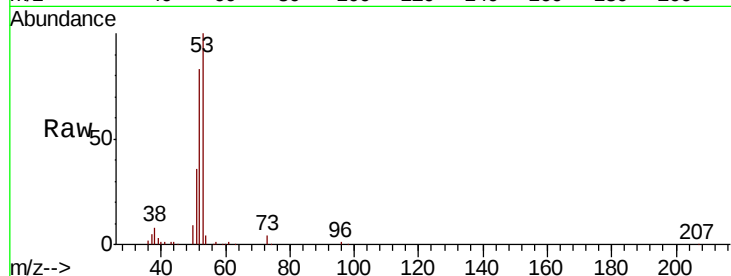
Tot Ion: 53 Resp: 217869

Ion Ratio Lower Upper

53 100

52 82.9 65.4 98.0

51 36.2 29.5 44.3



#16

Acetone

Concen: 302.332 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061282.D

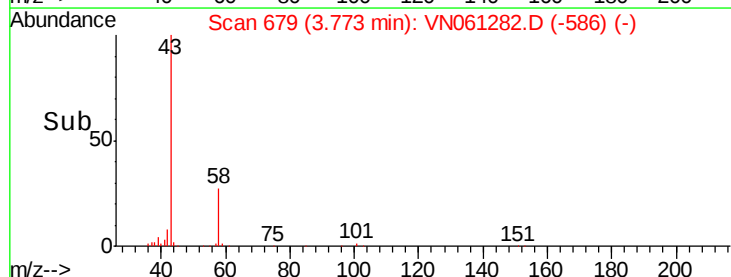
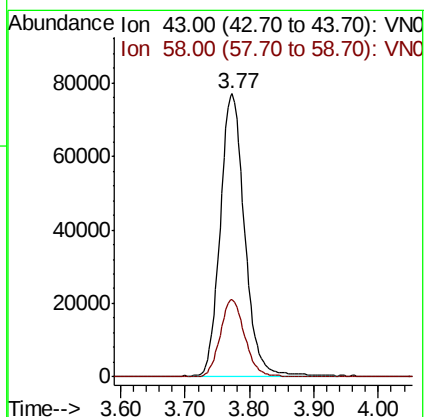
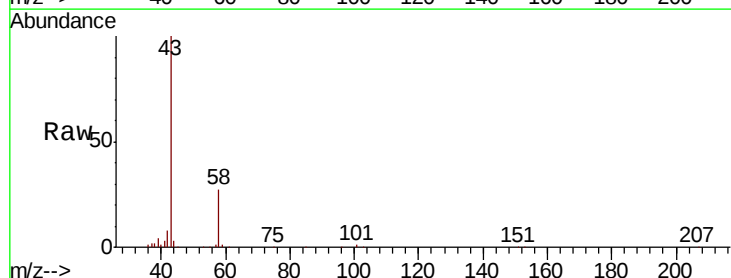
Acq: 4 May 2020 16:49

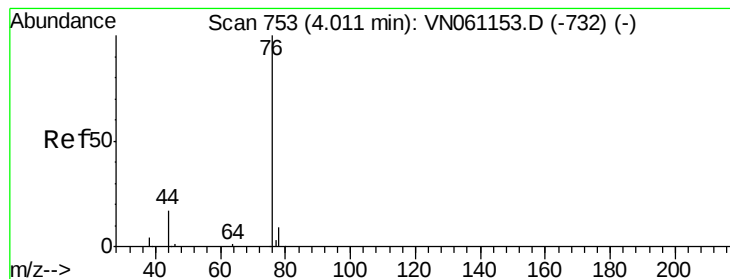
Tgt Ion: 43 Resp: 200226

Ion Ratio Lower Upper

43 100

58 27.4 22.2 33.2





#17

Carbon Disulfide

Concen: 40.809 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

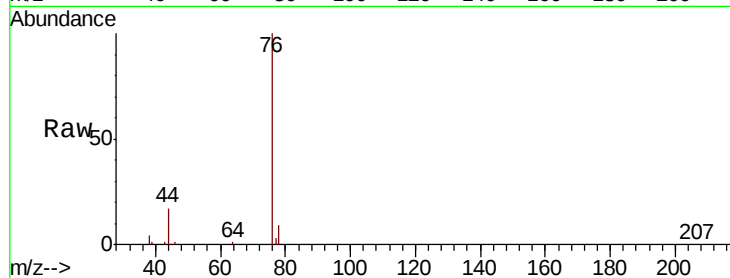
ClientSampled :

Tot Ion: 76 Resp: 129213

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN061153.D (-732) (-)

Ion 77.90 (77.60 to 78.60): VN061153.D (-732) (-)

4.01

50000

40000

30000

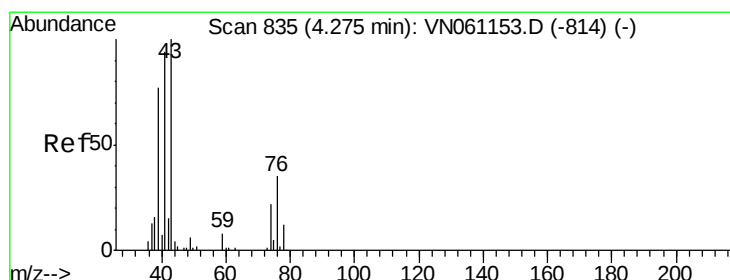
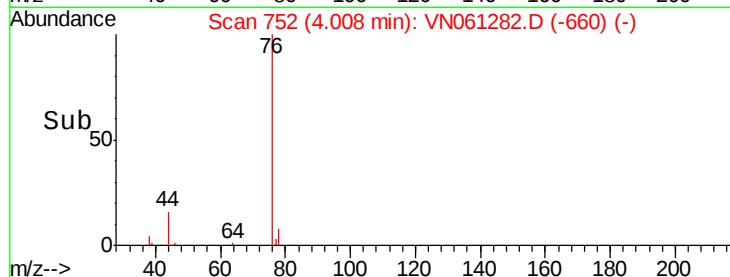
20000

10000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 53.155 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061282.D

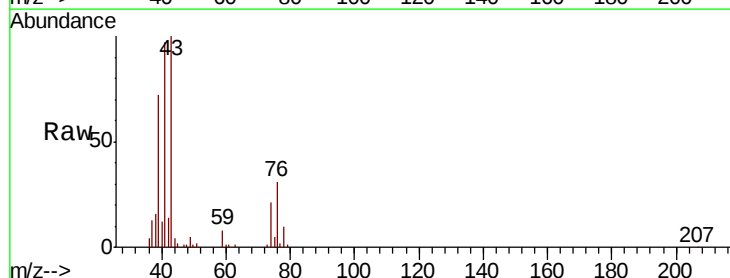
Acq: 4 May 2020 16:49

Tgt Ion: 43 Resp: 115436

Ion Ratio Lower Upper

43 100

74 20.5 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

Ion 74.00 (73.70 to 74.70): VN061153.D (-814) (-)

4.27

40000

30000

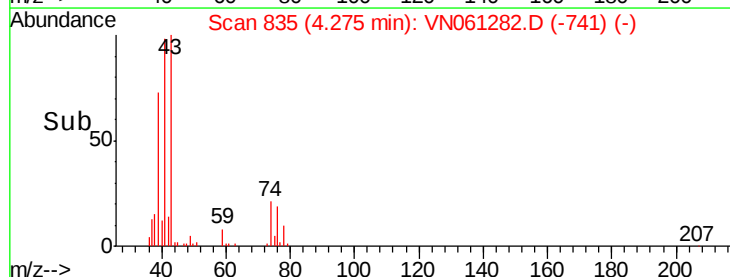
20000

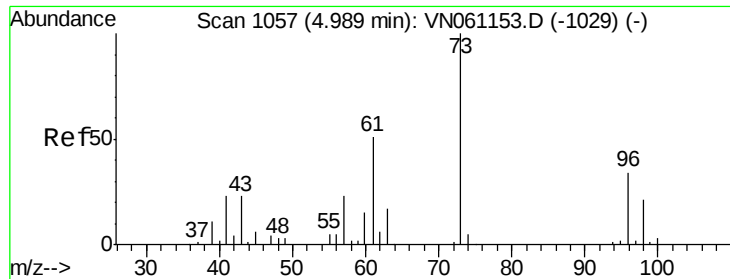
10000

0

Time-->

4.20 4.30 4.40

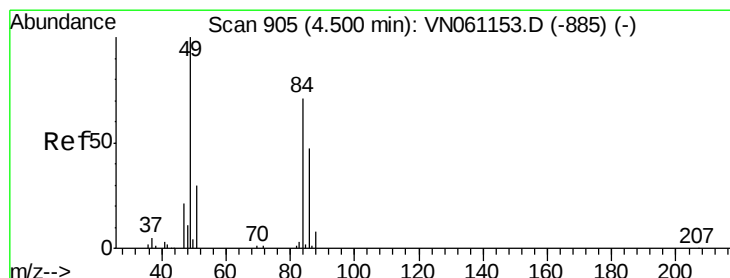
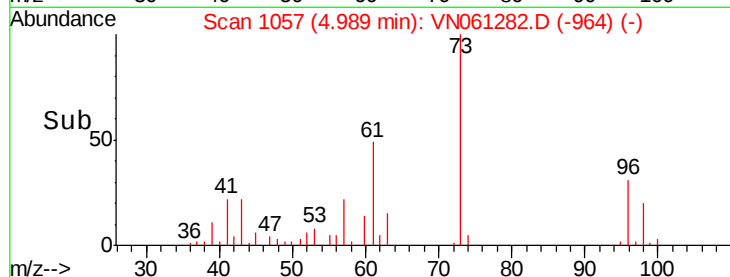
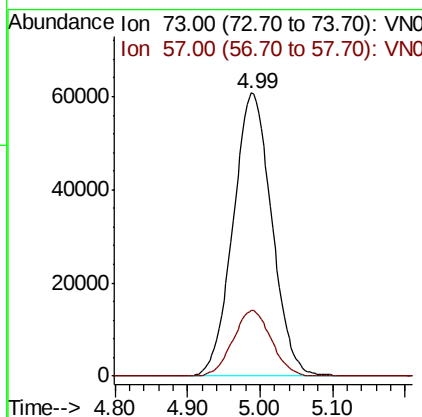
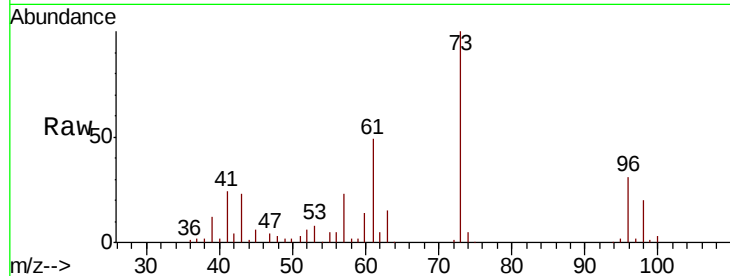




#19
Methyl tert-butyl Ether
Concen: 51.403 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

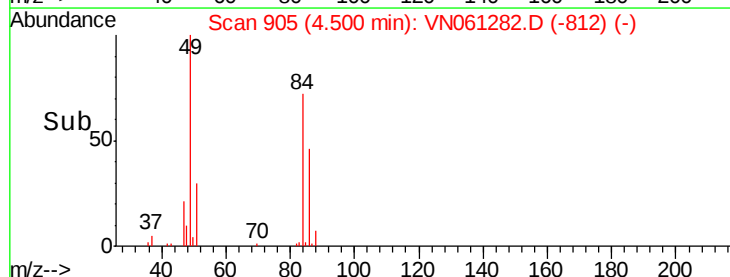
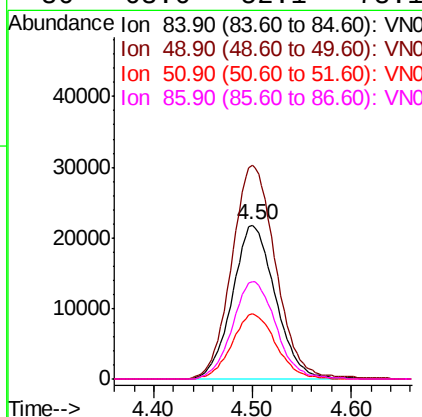
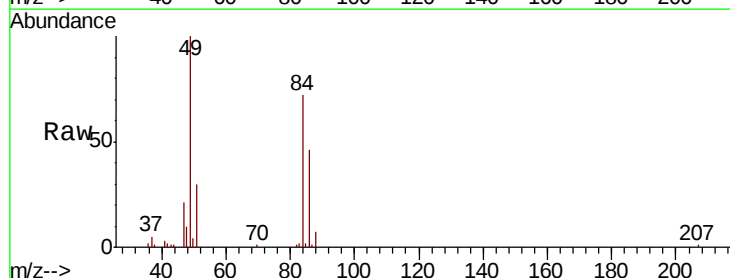
Instrument :
MSVOA_N
ClientSampleId :

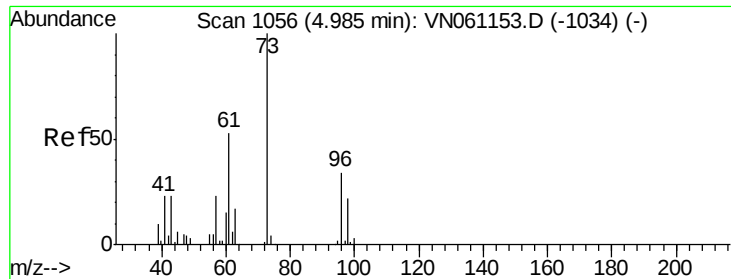
Tot Ion: 73 Resp: 225136
Ion Ratio Lower Upper
73 100
57 23.2 18.3 27.5



#20
Methylene Chloride
Concen: 49.252 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 84 Resp: 66017
Ion Ratio Lower Upper
84 100
49 139.0 112.0 168.0
51 42.4 33.6 50.4
86 63.6 52.1 78.1

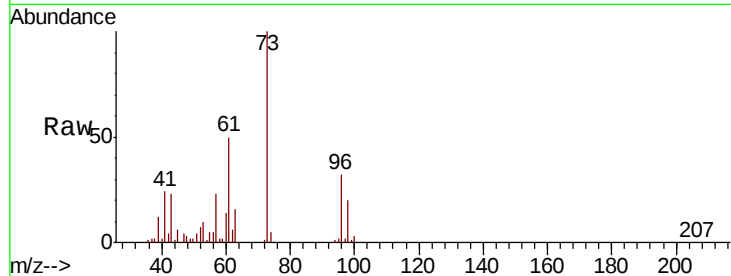




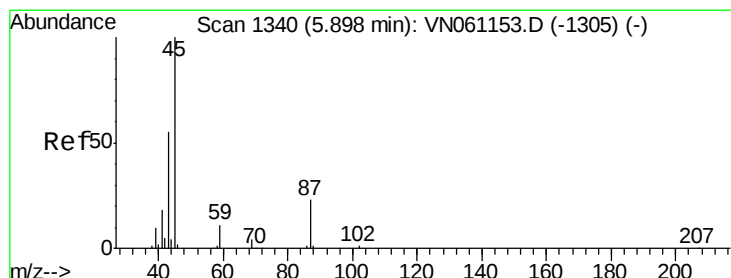
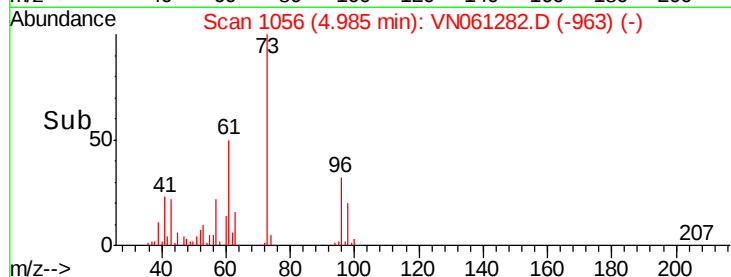
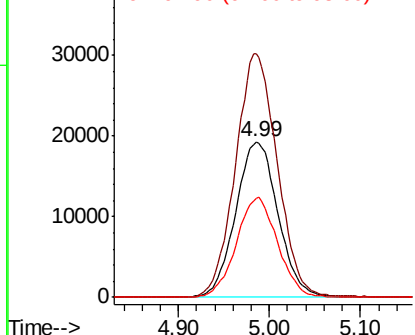
#21
trans-1,2-Dichloroethene
Concen: 49.916 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 62301
Ion Ratio Lower Upper
96 100
61 156.6 123.0 184.4
98 63.5 50.1 75.1

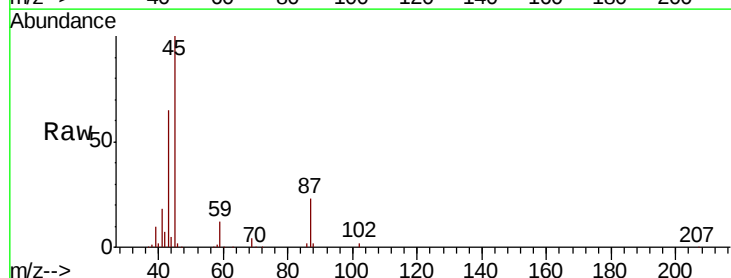


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

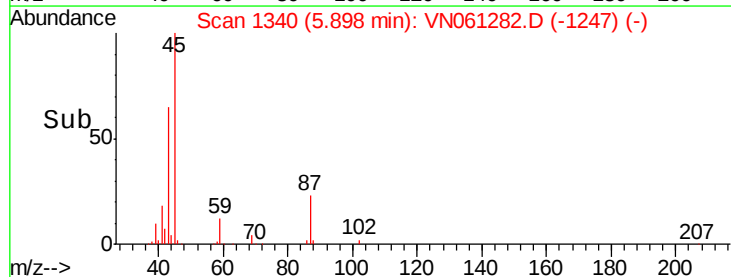
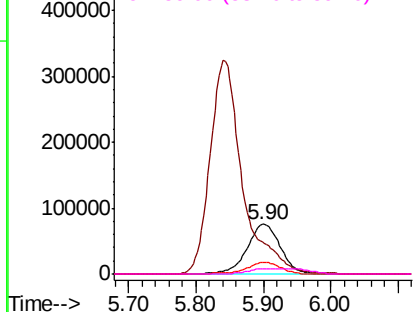


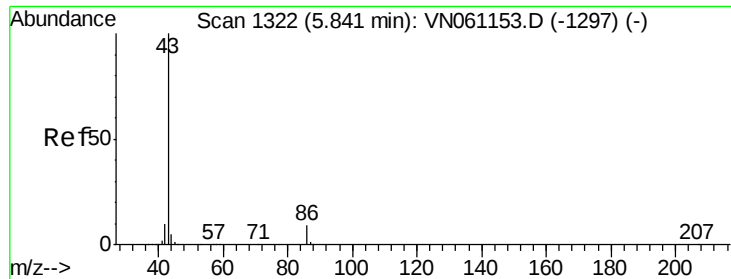
#22
Diisopropyl ether
Concen: 52.598 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 45 Resp: 259225
Ion Ratio Lower Upper
45 100
43 64.0 47.9 71.9
87 23.0 19.2 28.8
59 11.3 9.0 13.4



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





#23

Vinyl Acetate

Concen: 275.111 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

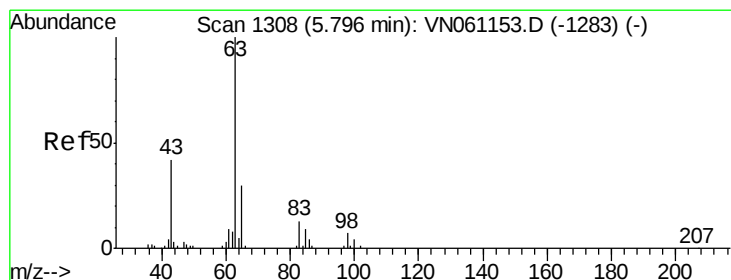
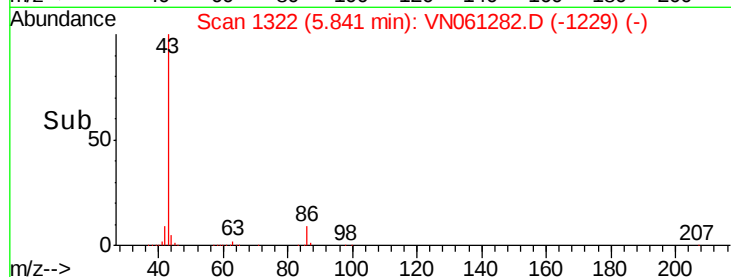
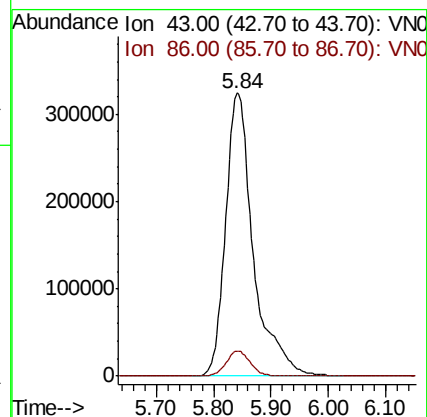
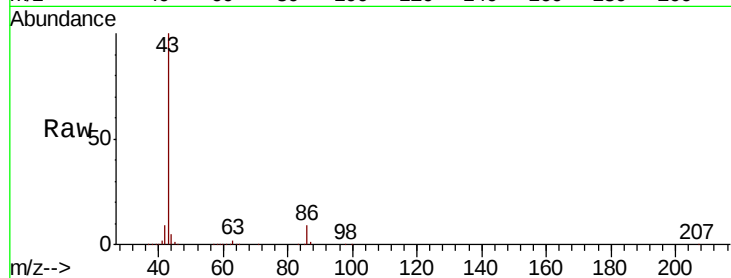
ClientSampleId :

Tot Ion: 43 Resp: 1091707

Ion Ratio Lower Upper

43 100

86 8.9 7.2 10.8



#24

1,1-Dichloroethane

Concen: 50.737 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

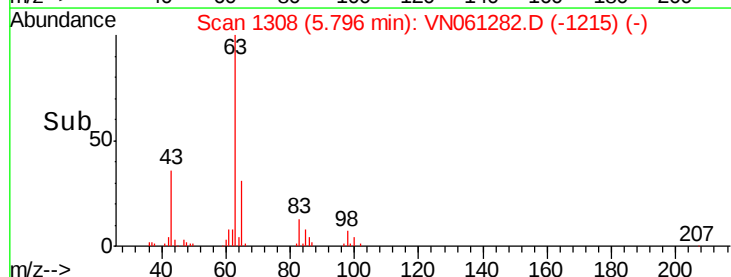
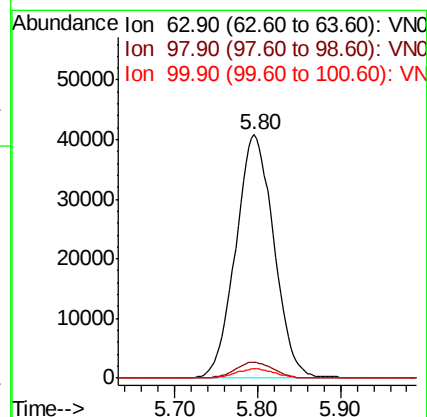
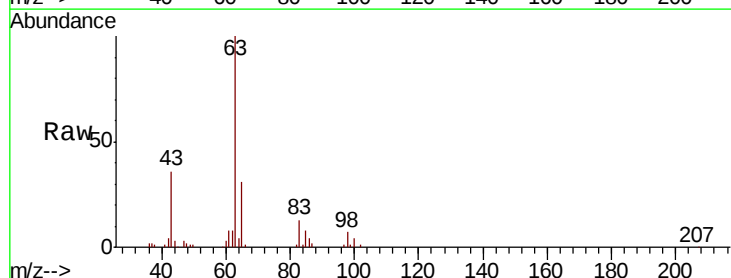
Tgt Ion: 63 Resp: 130648

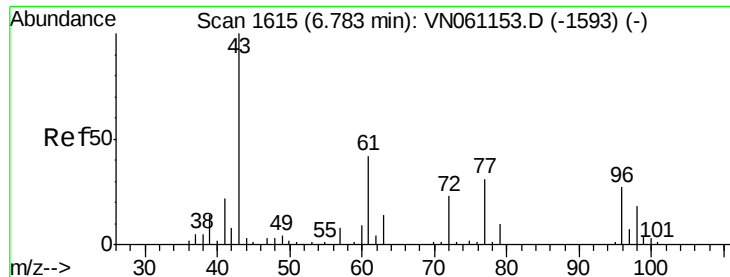
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 316.238 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

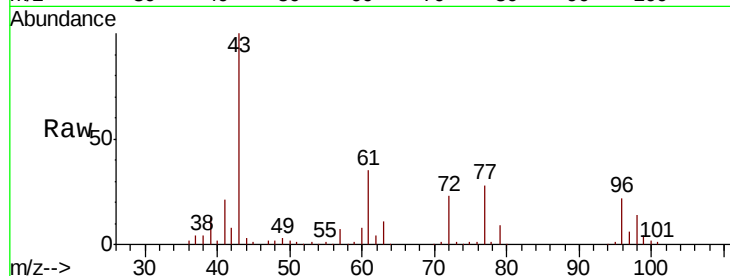
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 321671

Ion Ratio Lower Upper

43 100

72 22.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1593) (-)

Ion 72.00 (71.70 to 72.70): VN061153.D (-1593) (-)

6.78

120000

100000

80000

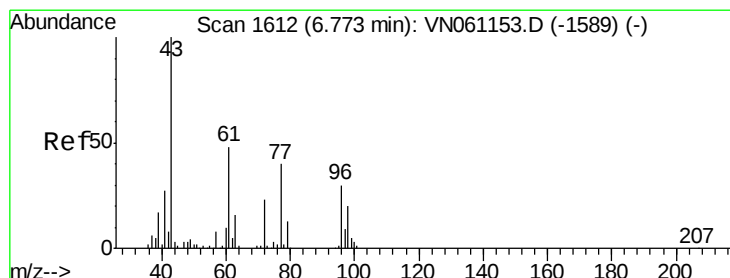
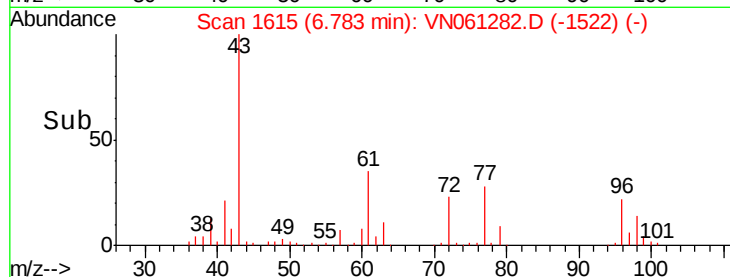
60000

40000

20000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 50.714 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VN061282.D

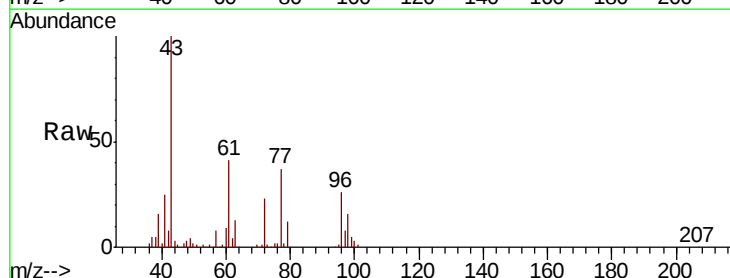
Acq: 4 May 2020 16:49

Tgt Ion: 77 Resp: 109993

Ion Ratio Lower Upper

77 100

97 21.4 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VN061153.D (-1589) (-)

Ion 96.90 (96.60 to 97.60): VN061153.D (-1589) (-)

6.77

40000

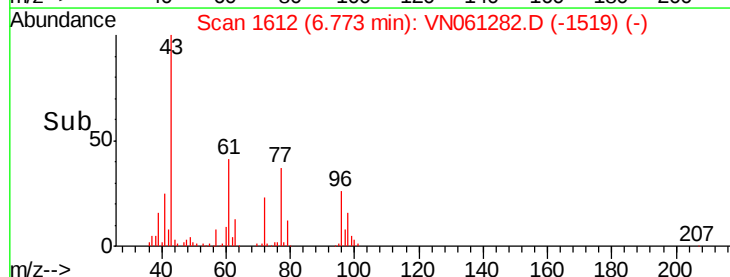
30000

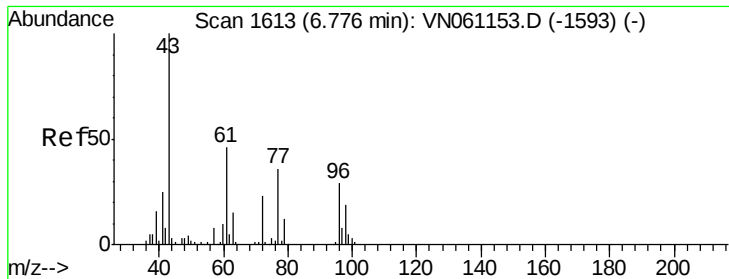
20000

10000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 50.064 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampled :

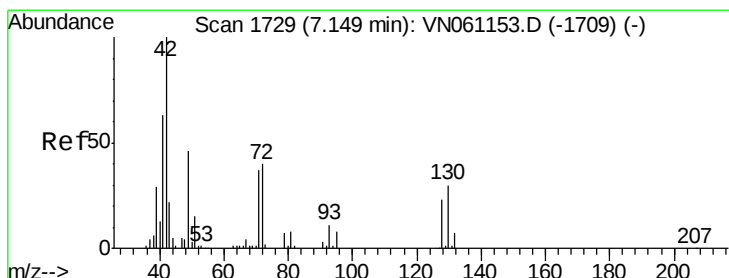
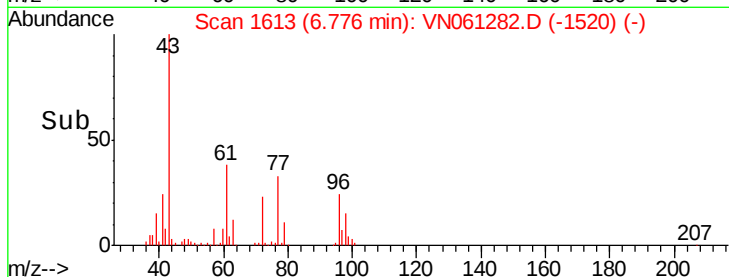
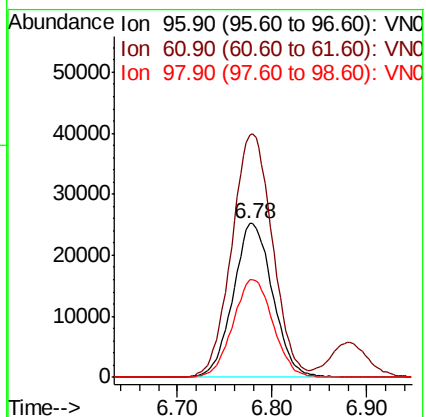
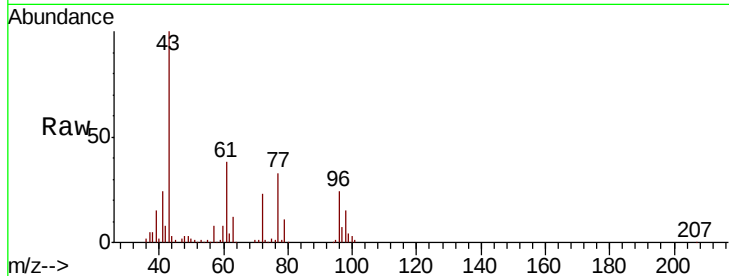
Tot Ion: 96 Resp: 73328

Ion Ratio Lower Upper

96 100

61 163.0 0.0 322.0

98 64.3 0.0 129.6



#28

Bromochloromethane

Concen: 52.034 ug/l

RT: 7.15 min Scan# 1730

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

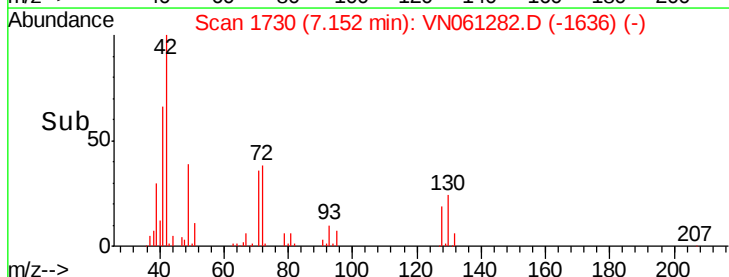
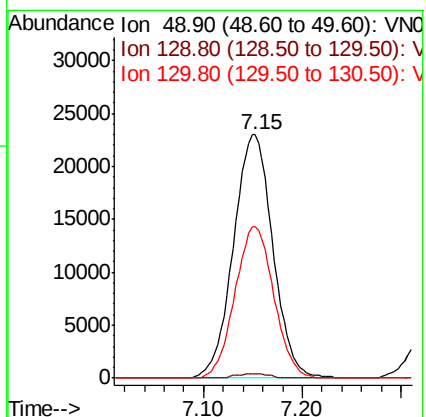
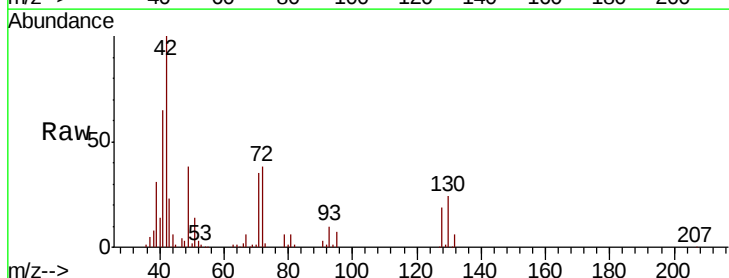
Tgt Ion: 49 Resp: 63507

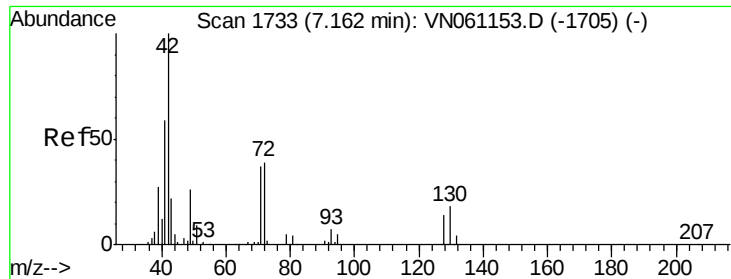
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.0

130 61.1 51.4 77.2

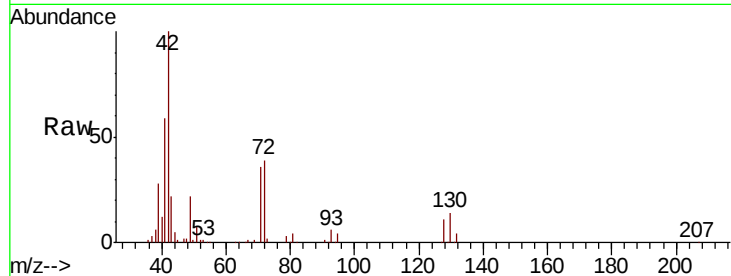




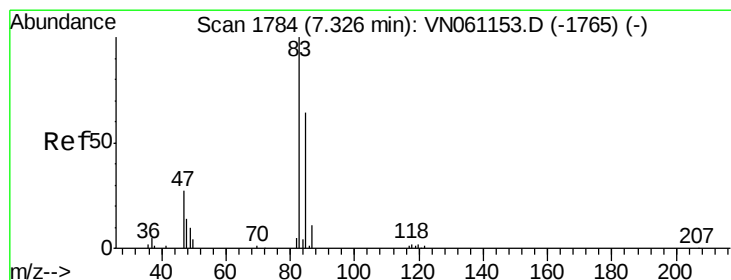
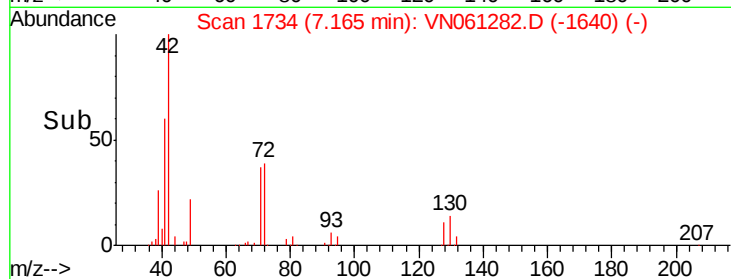
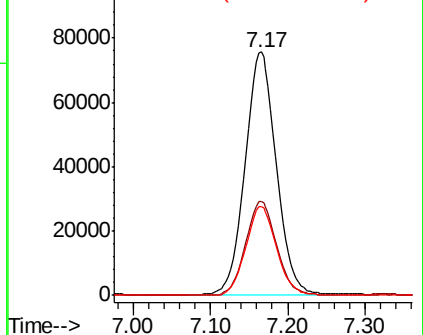
#29
Tetrahydrofuran
Concen: 312.981 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 214453
Ion Ratio Lower Upper
42 100
72 37.9 31.4 47.0
71 35.8 29.5 44.3

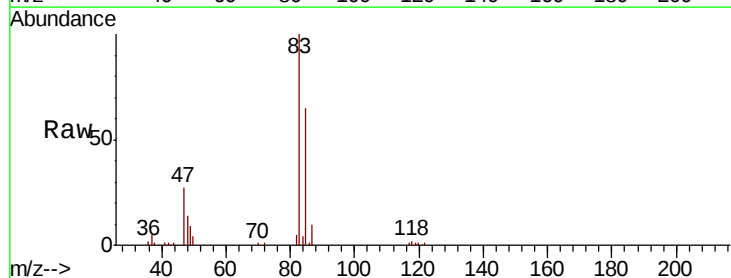


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

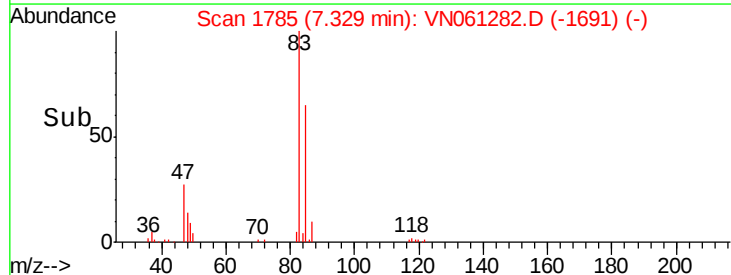
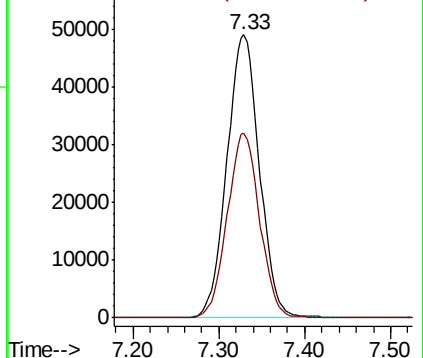


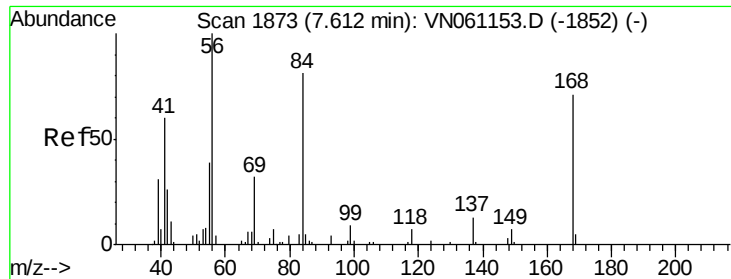
#30
Chloroform
Concen: 49.245 ug/l
RT: 7.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 83 Resp: 128504
Ion Ratio Lower Upper
83 100
85 65.4 51.1 76.7



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

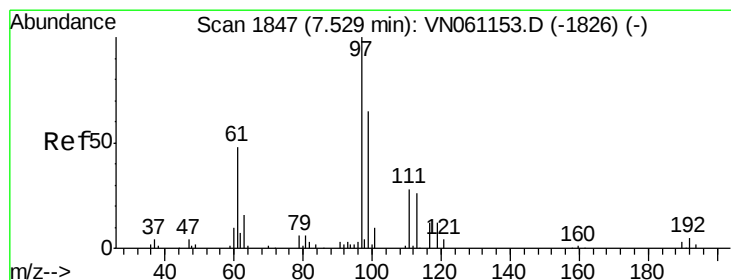
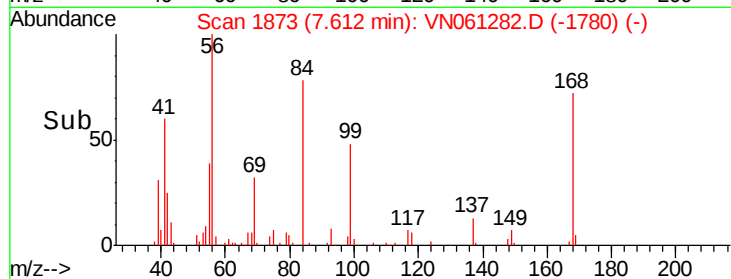
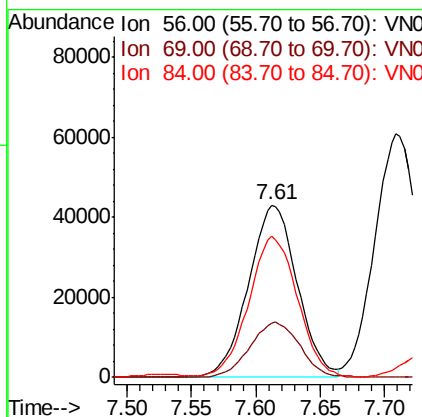
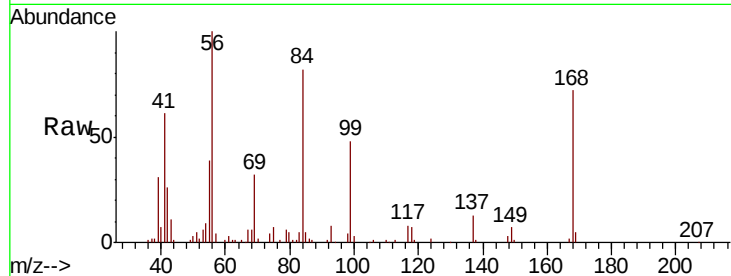




#31
Cyclohexane
Concen: 45.394 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

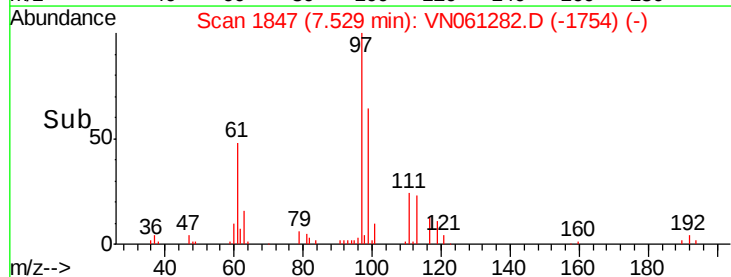
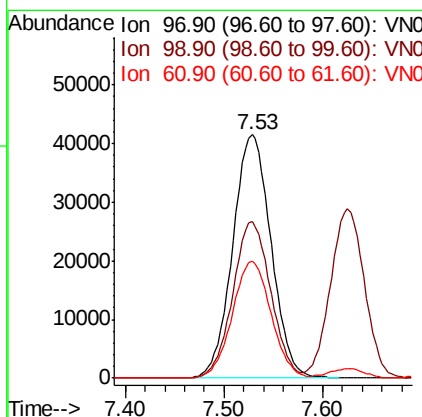
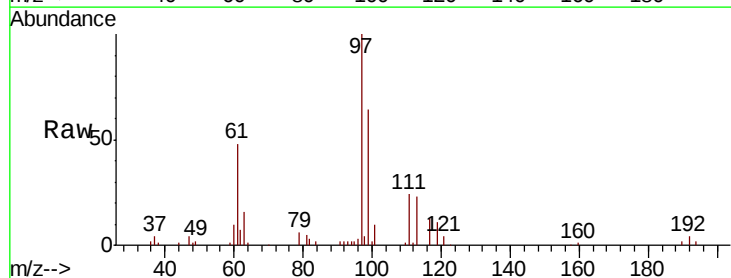
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 113517
Ion Ratio Lower Upper
56 100
69 31.6 25.7 38.5
84 80.9 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 49.243 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 97 Resp: 111896
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 48.5 38.6 57.8





#33

1,2-Dichloroethane-d4

Concen: 49.219 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

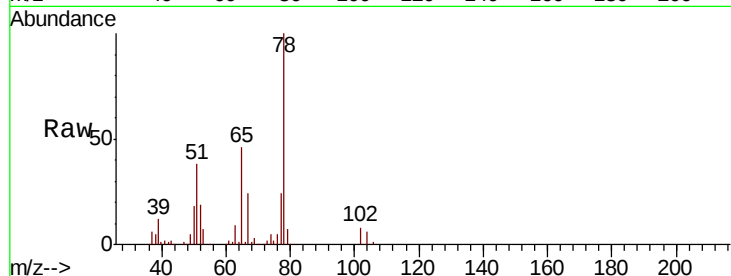
ClientSampleId :

Tot Ion: 65 Resp: 84607

Ion Ratio Lower Upper

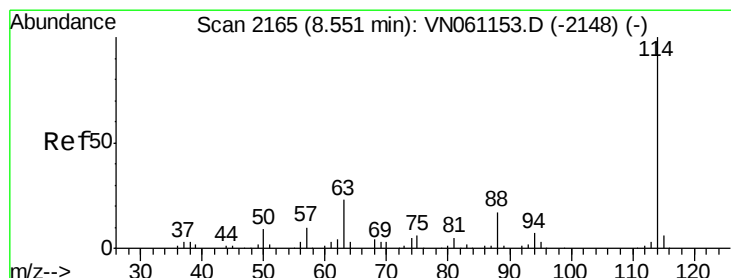
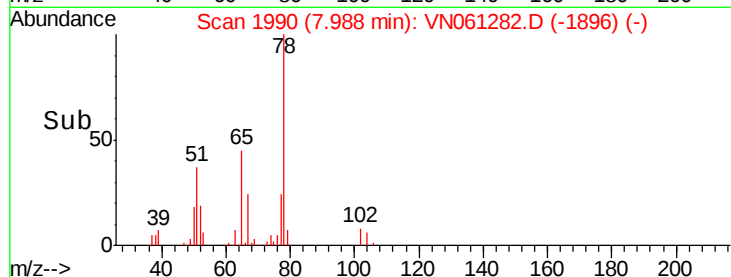
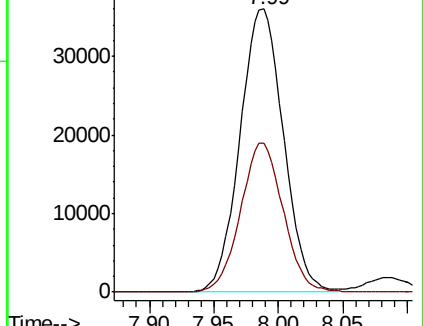
65 100

67 51.5 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) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

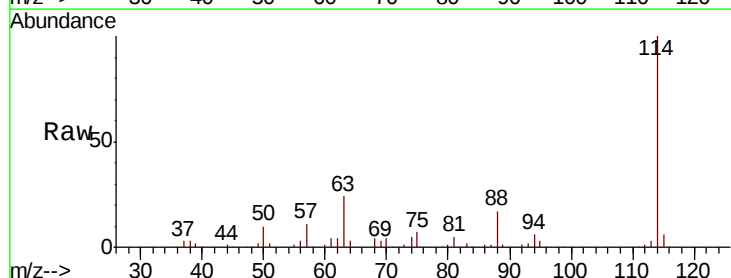
Tgt Ion: 114 Resp: 185891

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.6

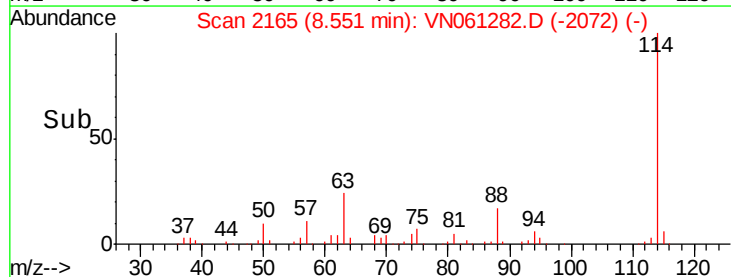
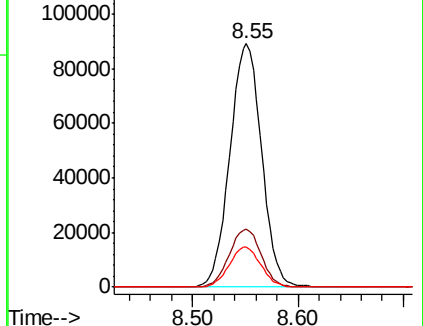
88 16.5 0.0 33.4



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) (-)





#35

Dibromofluoromethane

Concen: 45.154 ug/l

RT: 7.55 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

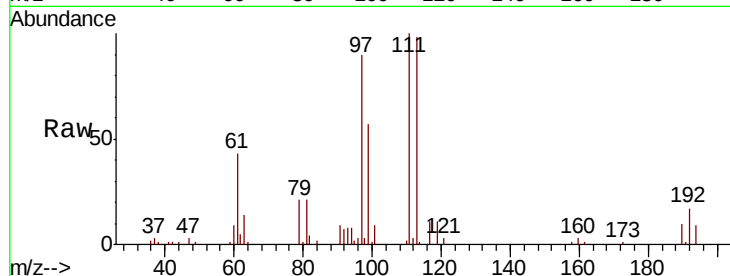
Tot Ion:113 Resp: 49634

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

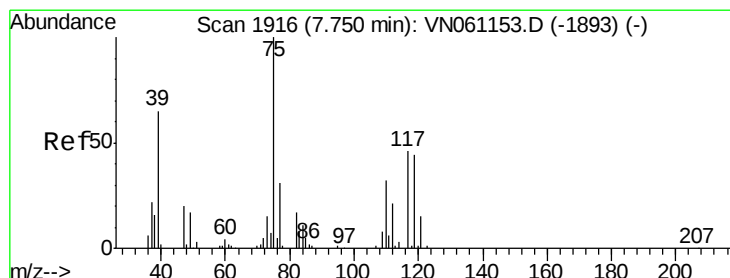
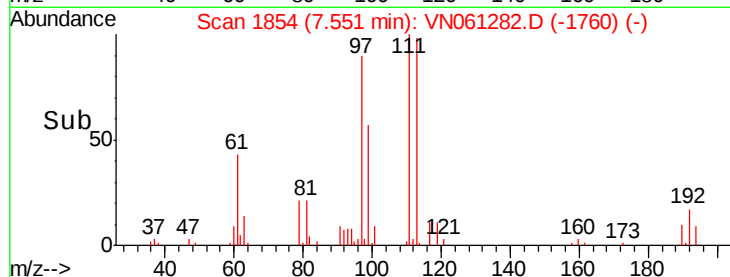
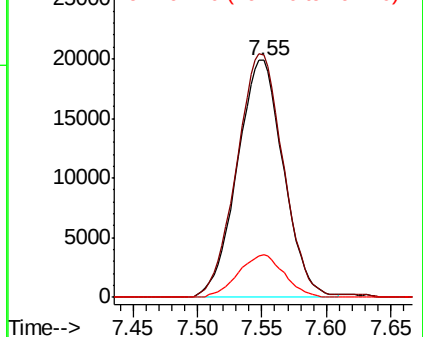
192 17.8 14.7 22.1



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: 51.014 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

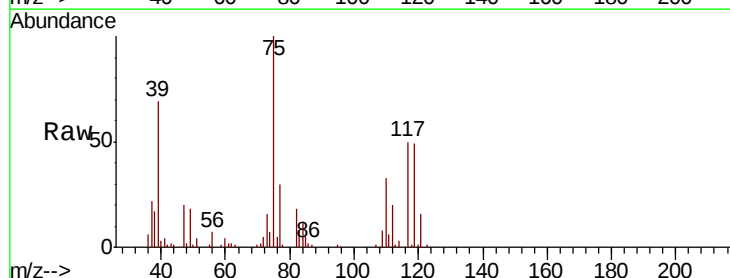
Tgt Ion: 75 Resp: 94930

Ion Ratio Lower Upper

75 100

110 32.2 16.0 48.0

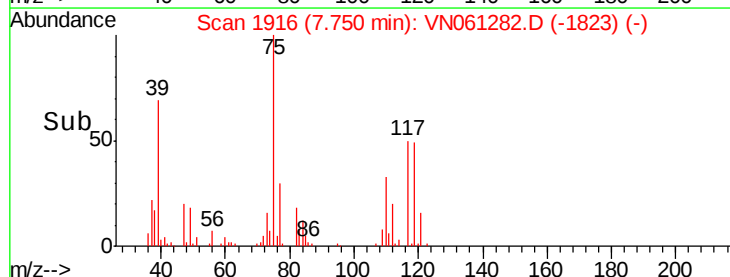
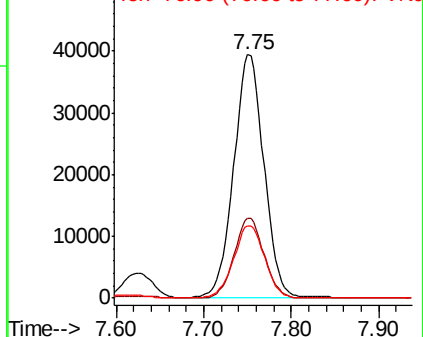
77 30.4 24.6 37.0

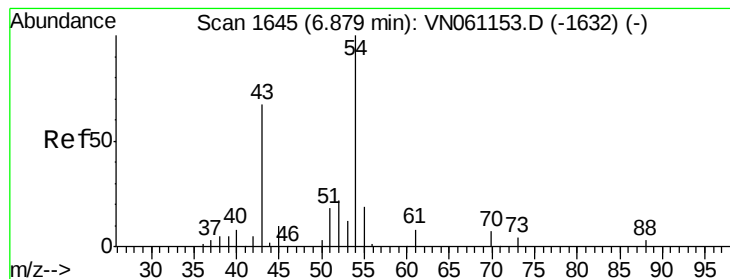


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 58.838 ug/l

RT: 6.88 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampled :

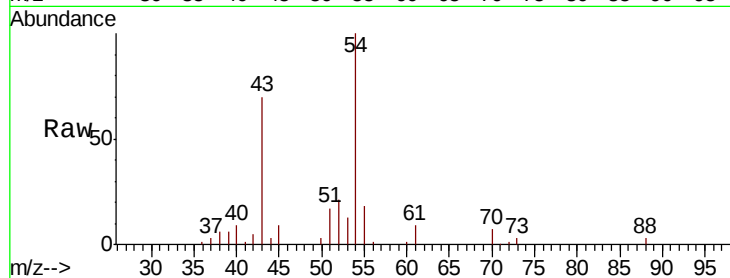
Tot Ion: 43 Resp: 128358

Ion Ratio Lower Upper

43 100

61 12.7 10.2 15.2

70 8.9 7.2 10.8

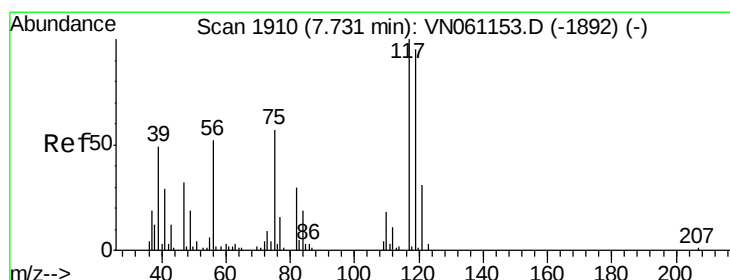
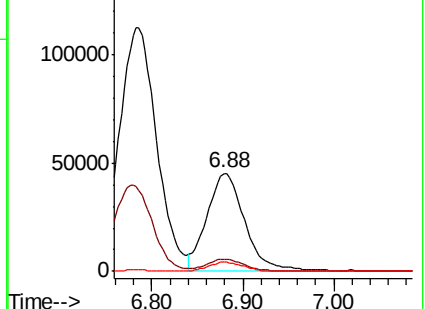
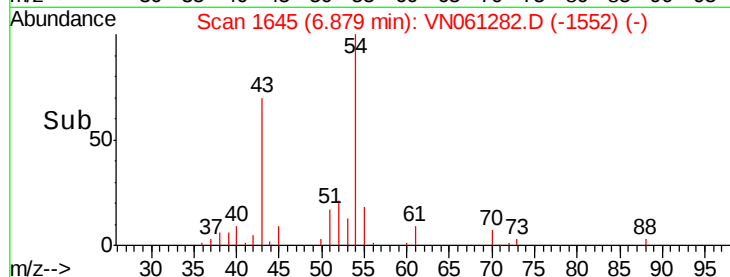


Abundance Ion 43.00 (42.70 to 43.70): VN061282.D (-1552) (-)

Ion 60.90 (60.60 to 61.60): VN061282.D (-1552) (-)

Ion 70.00 (69.70 to 70.70): VN061282.D (-1552) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 50.145 ug/l

RT: 7.73 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

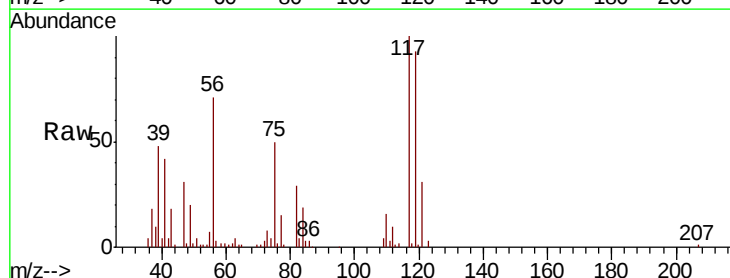
Tgt Ion: 117 Resp: 85148

Ion Ratio Lower Upper

117 100

119 93.0 75.8 113.6

121 30.8 24.7 37.1

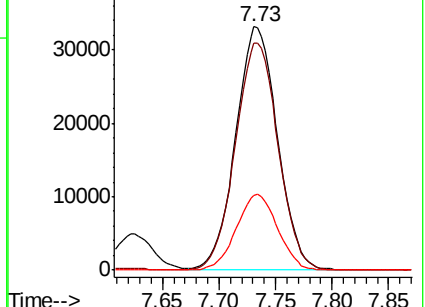
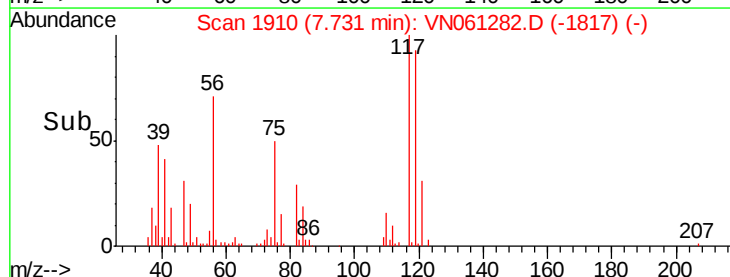


Abundance Ion 116.80 (116.50 to 117.50): VN061282.D (-1817) (-)

Ion 118.80 (118.50 to 119.50): VN061282.D (-1817) (-)

Ion 120.80 (120.50 to 121.50): VN061282.D (-1817) (-)

Time-->

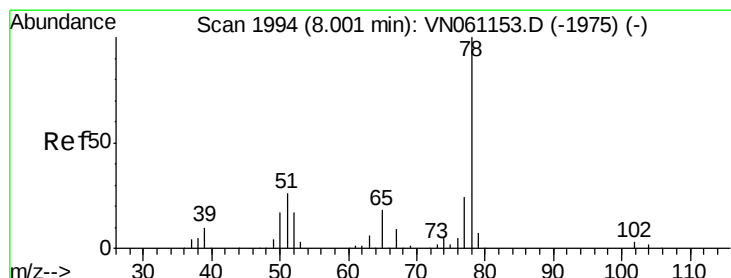
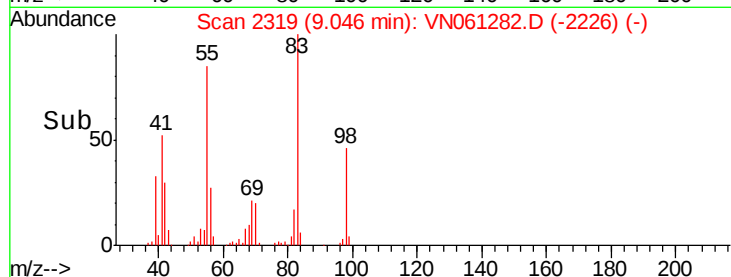
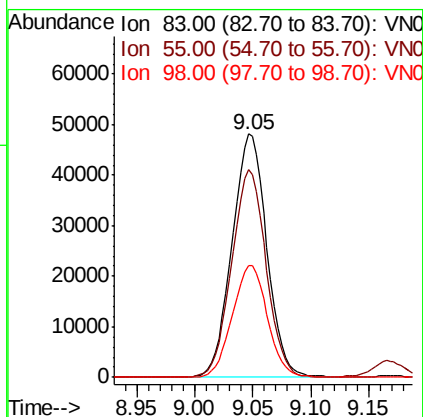
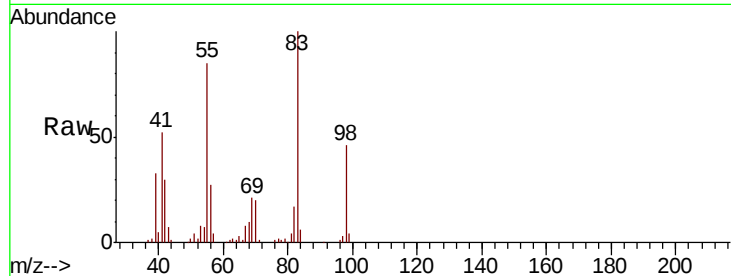




#39
Methvlcvclohexane
Concen: 47.899 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

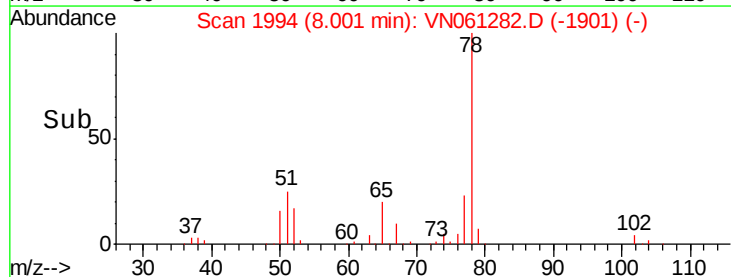
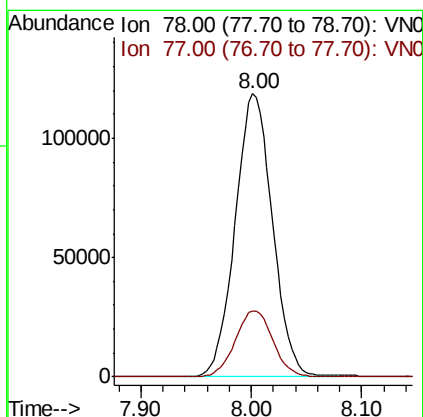
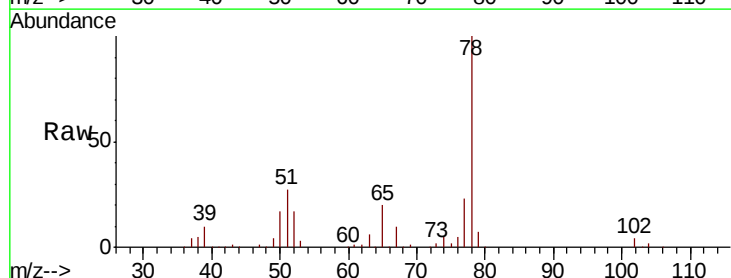
Instrument :
MSVOA_N
ClientSampleId :

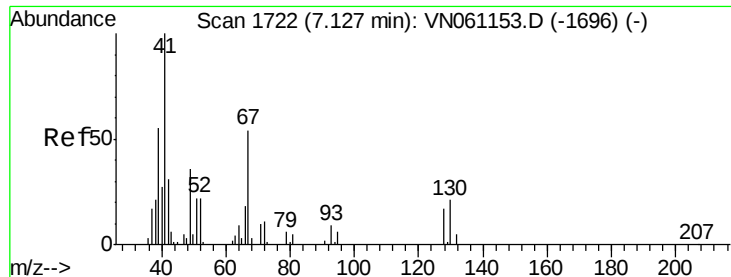
Tot Ion: 83 Resp: 99959
Ion Ratio Lower Upper
83 100
55 85.4 67.3 100.9
98 45.8 37.7 56.5



#40
Benzene
Concen: 50.112 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 78 Resp: 277818
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

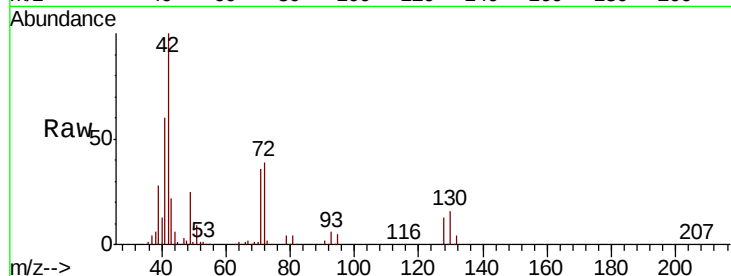




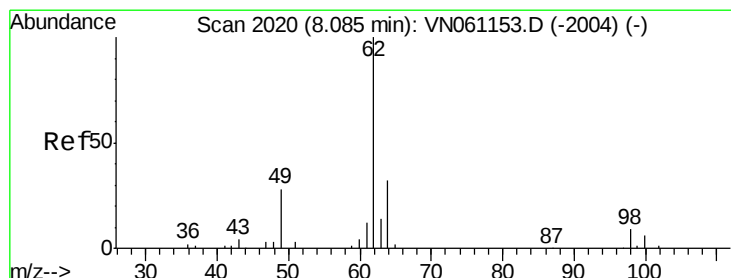
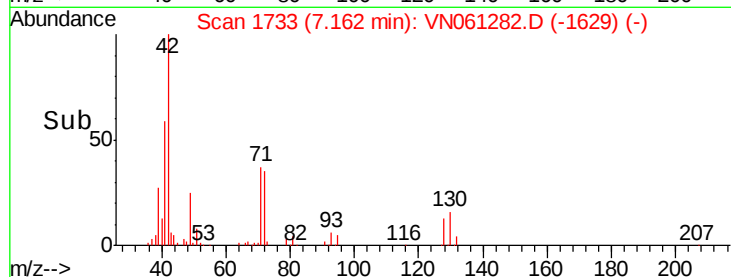
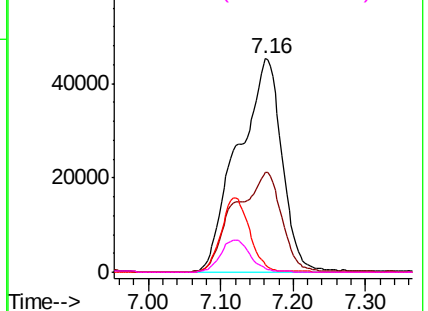
#41
Methacrylonitrile
Concen: 211.139 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.04 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	191244
Ion	Ratio	Lower	Upper
41	100		
39	50.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

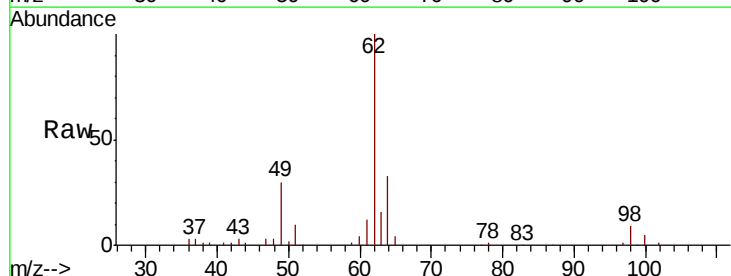


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

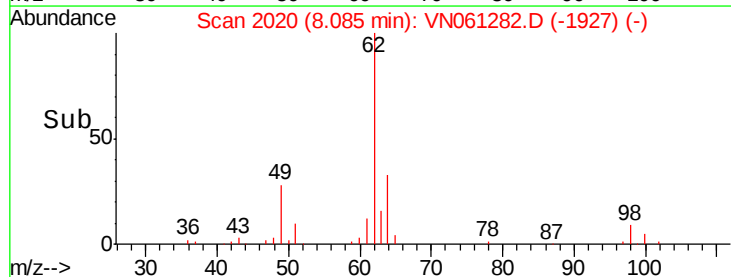
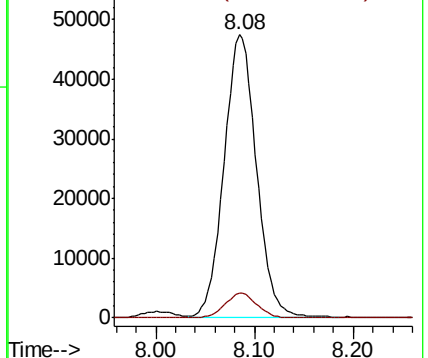


#42
1,2-Dichloroethane
Concen: 51.981 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion:	62	Resp:	109173
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8



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





#43

Isopropyl Acetate

Concen: 57.047 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

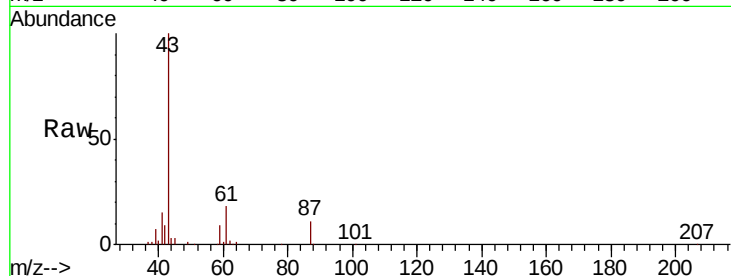
Tot Ion: 43 Resp: 206538

Ion Ratio Lower Upper

43 100

61 23.8 19.5 29.3

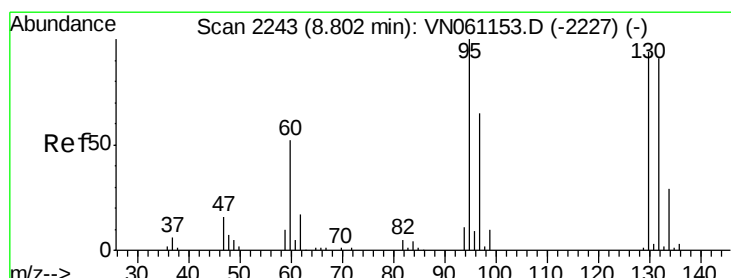
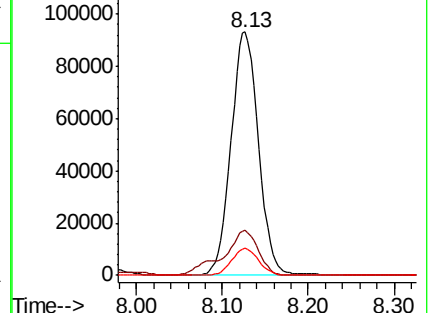
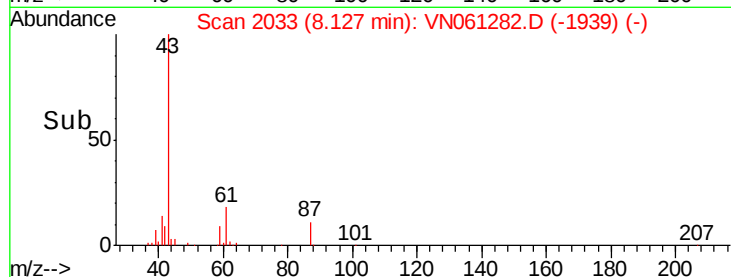
87 10.9 8.9 13.3



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: 47.287 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061282.D

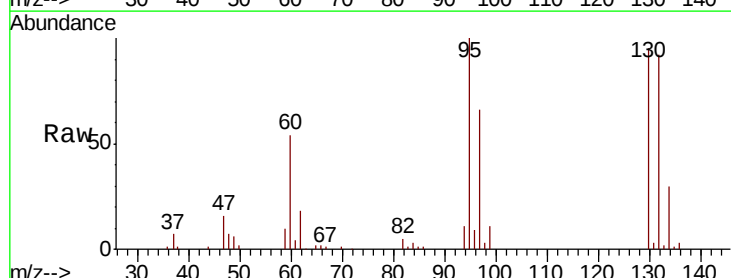
Acq: 4 May 2020 16:49

Tgt Ion: 130 Resp: 70869

Ion Ratio Lower Upper

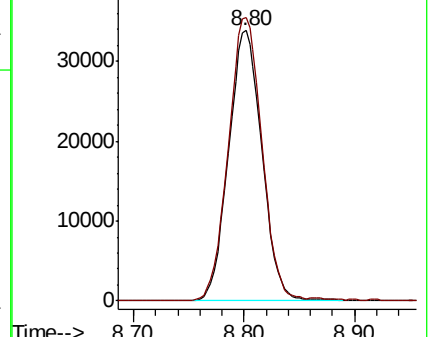
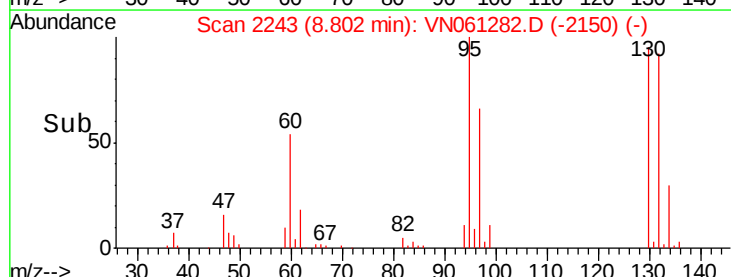
130 100

95 104.8 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: 51.130 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

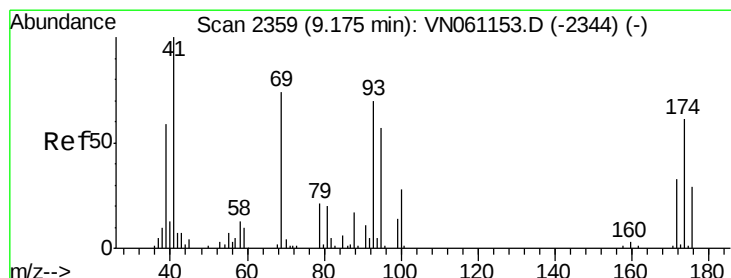
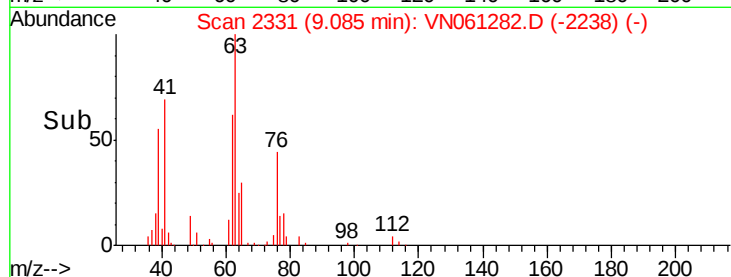
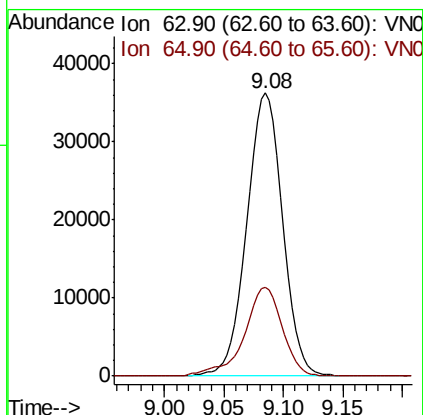
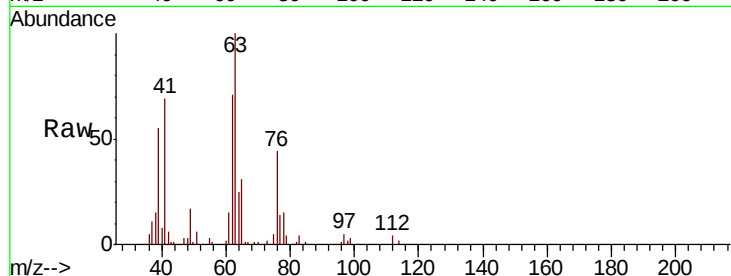
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 75730

Ion Ratio Lower Upper

63 100

65 31.3 24.7 37.1



#46

Dibromomethane

Concen: 52.041 ug/l

RT: 9.17 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

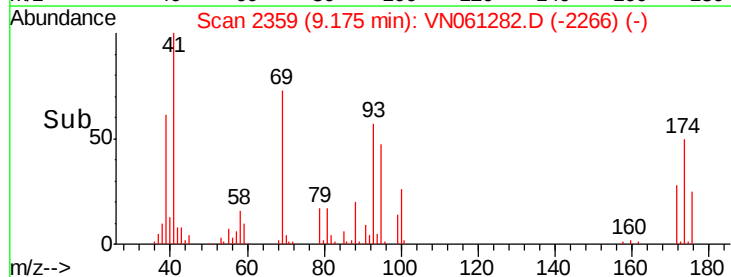
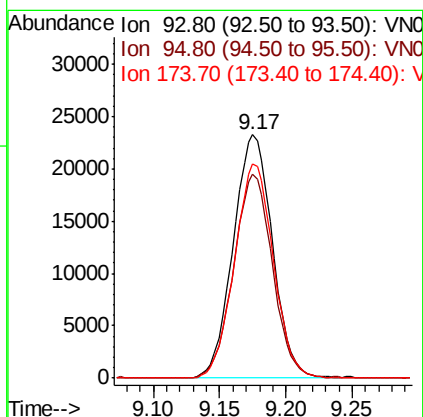
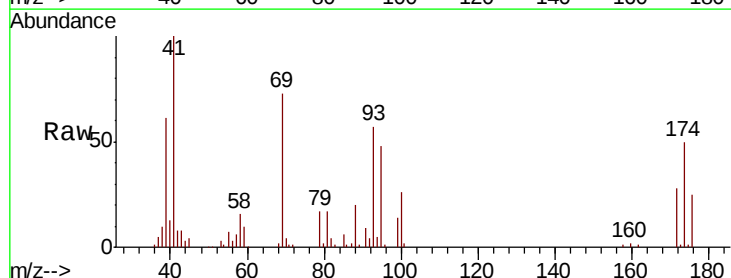
Tgt Ion: 93 Resp: 47725

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 87.2 70.2 105.2





#47

Bromodichloromethane

Concen: 53.120 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

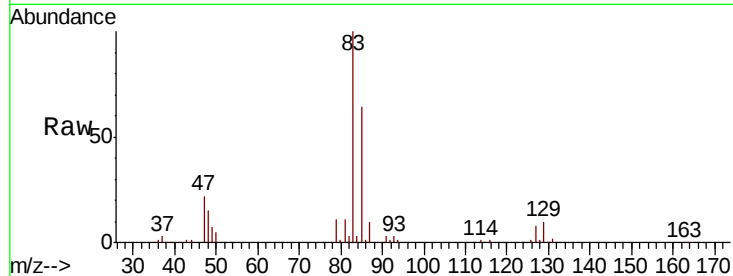
Tot Ion: 83 Resp: 104560

Ion Ratio Lower Upper

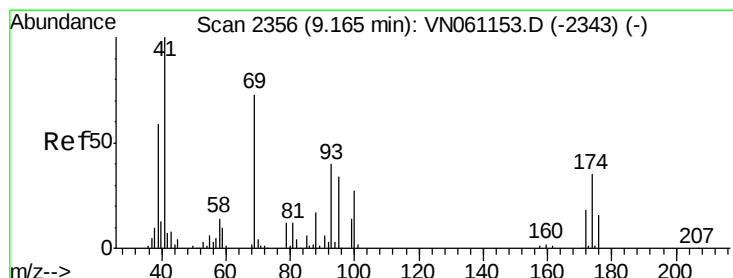
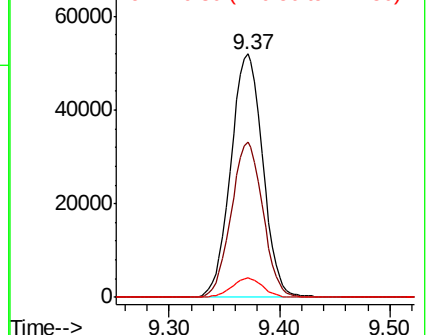
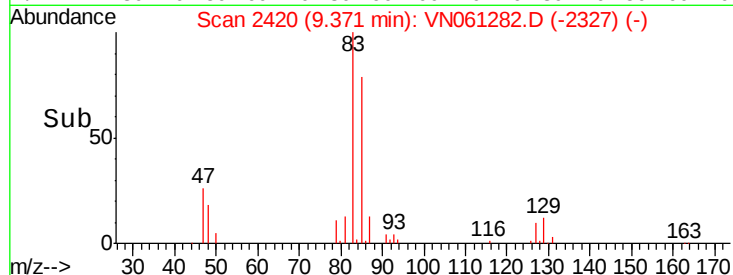
83 100

85 64.0 50.4 75.6

127 7.8 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061282.D (-2327) (-)



#48

Methyl methacrylate

Concen: 57.940 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

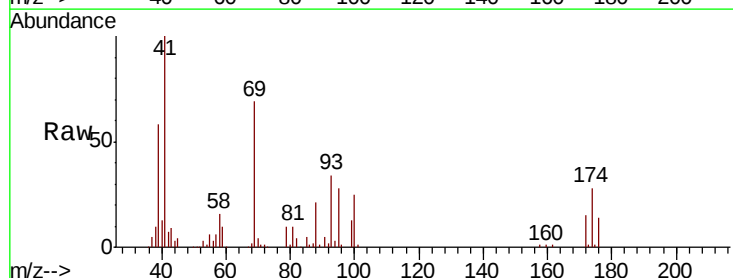
Tgt Ion: 41 Resp: 94661

Ion Ratio Lower Upper

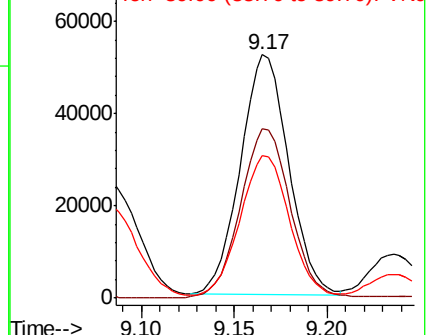
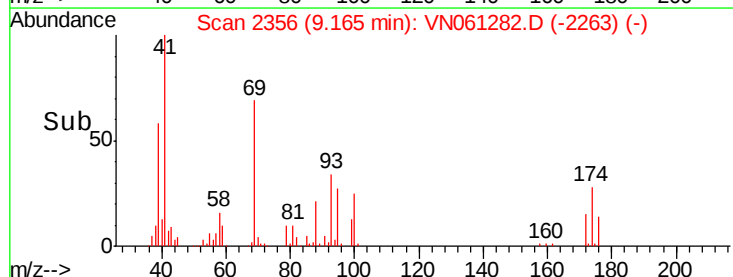
41 100

69 73.5 60.3 90.5

39 61.1 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN061282.D (-2263) (-)

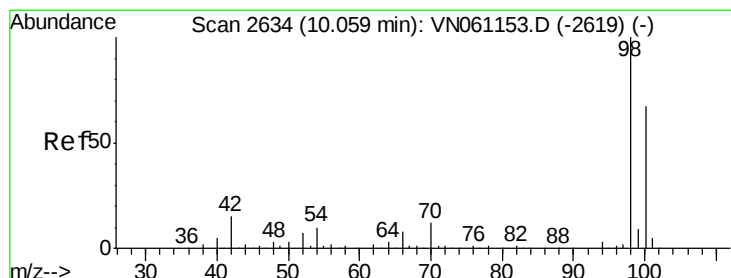
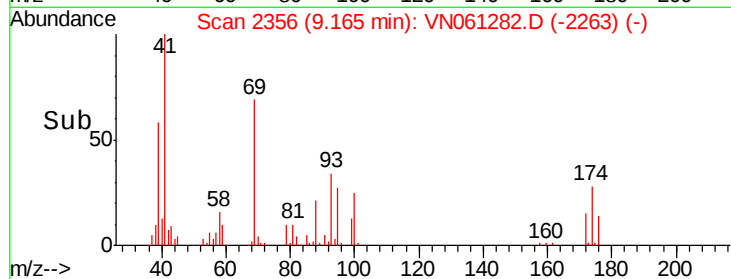
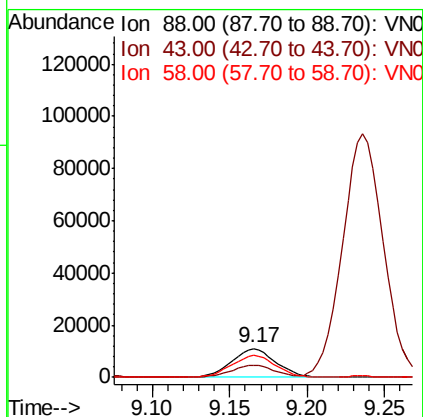
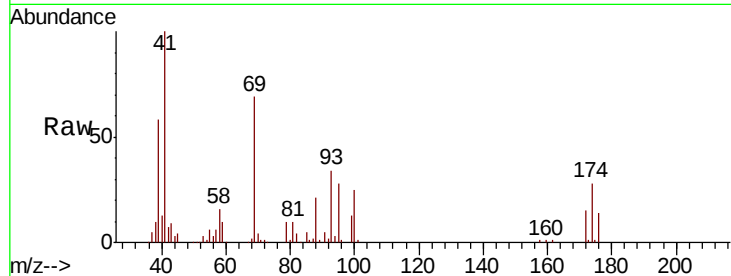




#49
1,4-Dioxane
Concen: 1177.822 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

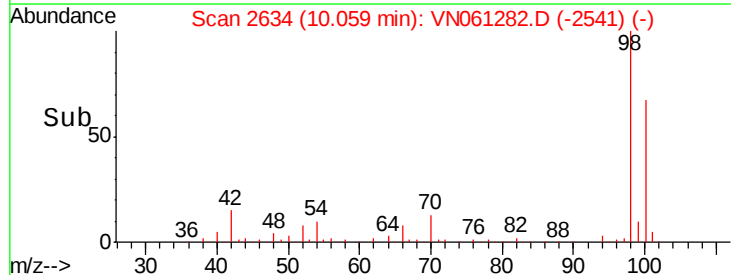
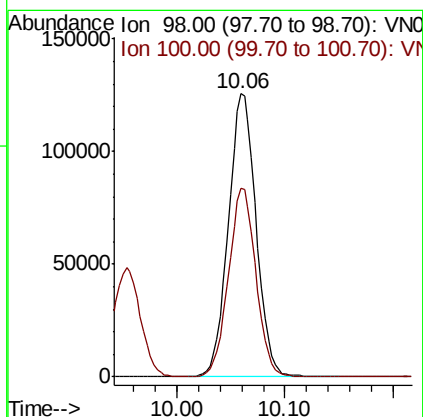
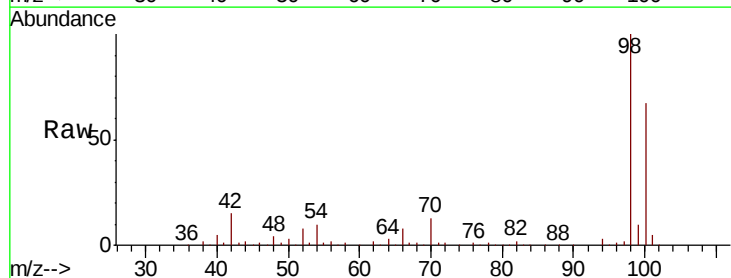
Instrument :
MSVOA_N
ClientSampleId :

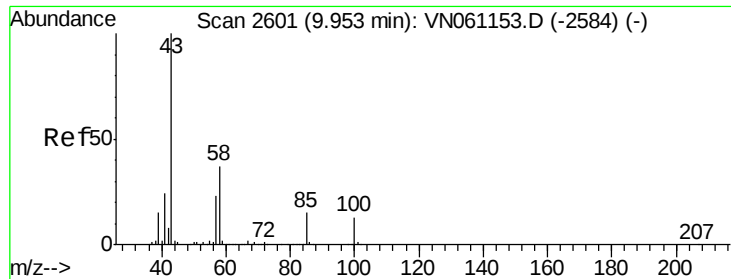
Tot Ion: 88 Resp: 21843
Ion Ratio Lower Upper
88 100
43 41.7 35.3 52.9
58 76.6 61.5 92.3



#50
Toluene-d8
Concen: 50.245 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 98 Resp: 225147
Ion Ratio Lower Upper
98 100
100 65.5 53.4 80.0

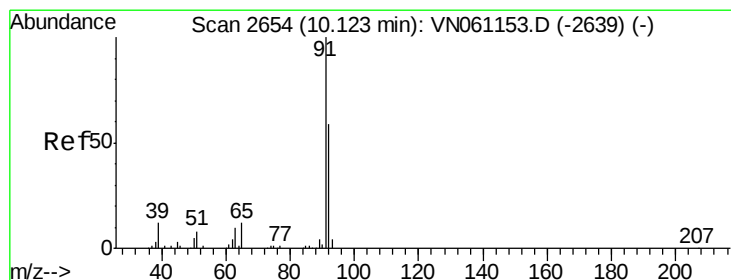
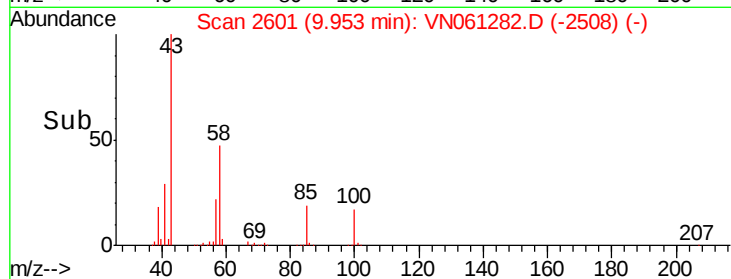
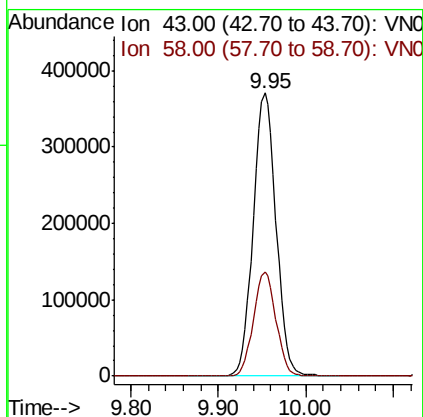
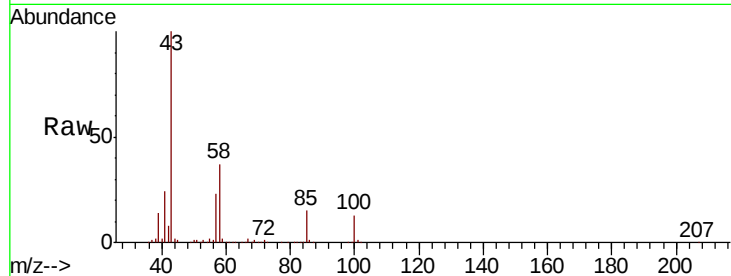




#51
4-Methyl-2-Pentanone
Concen: 315.335 ug/l
RT: 9.95 min Scan# 2601
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

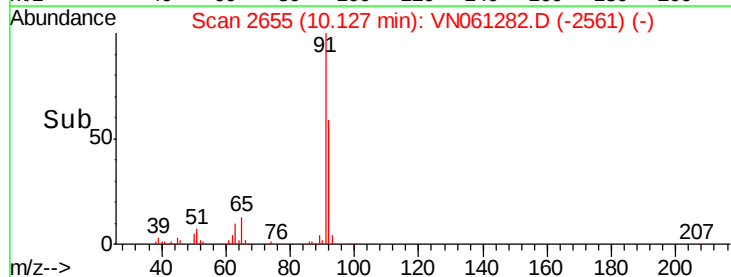
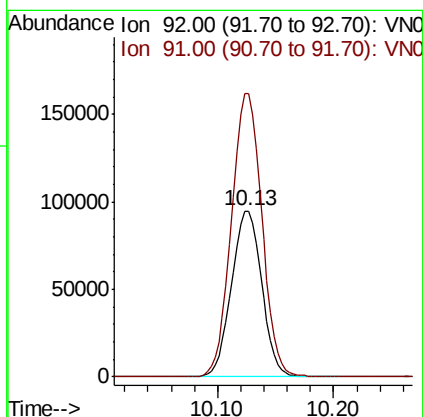
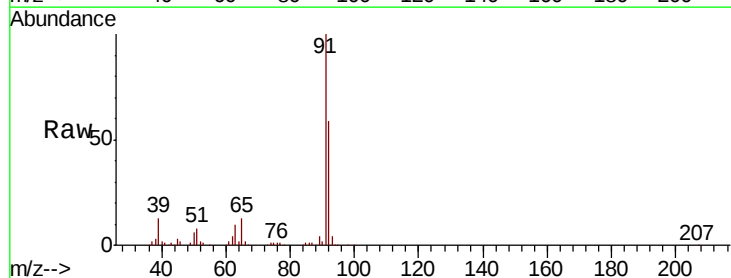
Instrument :
MSVOA_N
ClientSampled :

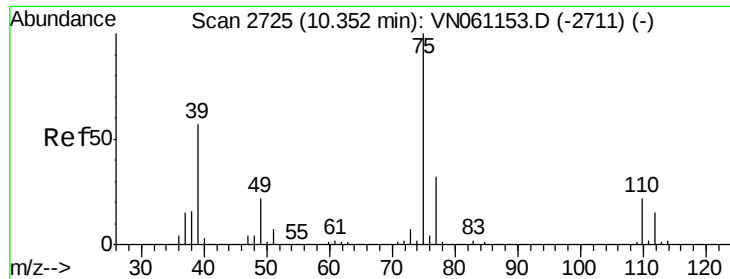
Tot Ion: 43 Resp: 672008
Ion Ratio Lower Upper
43 100
58 36.4 29.1 43.7



#52
Toluene
Concen: 51.249 ug/l
RT: 10.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 92 Resp: 171136
Ion Ratio Lower Upper
92 100
91 171.8 136.2 204.2

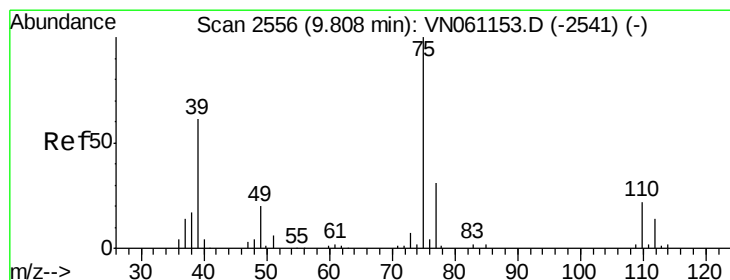
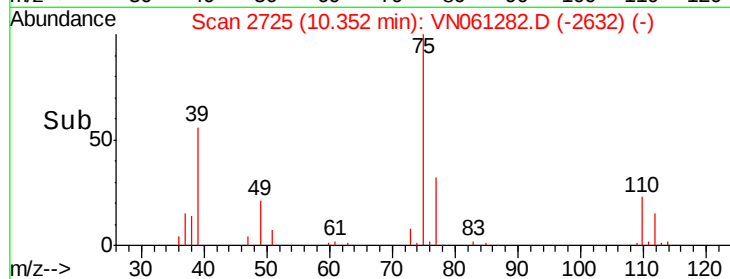
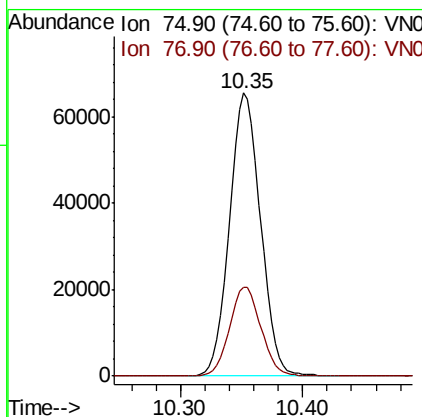
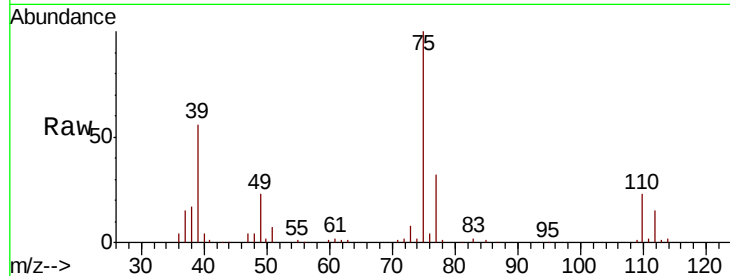




#53
 t-1,3-Dichloropropene
 Concen: 52.287 ug/l
 RT: 10.35 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

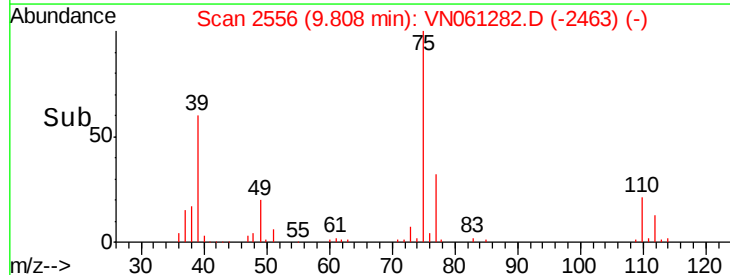
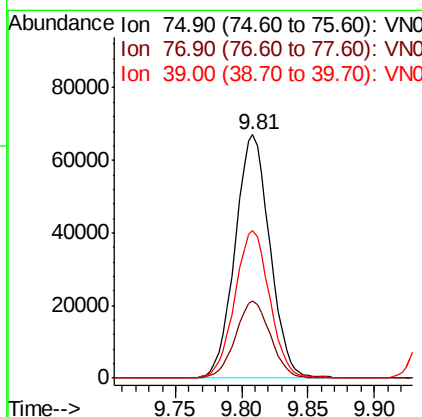
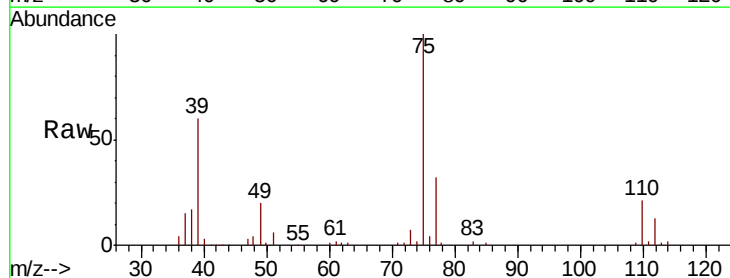
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 115969
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 52.124 ug/l
 RT: 9.81 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion: 75 Resp: 122220
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4
 39 60.4 48.7 73.1

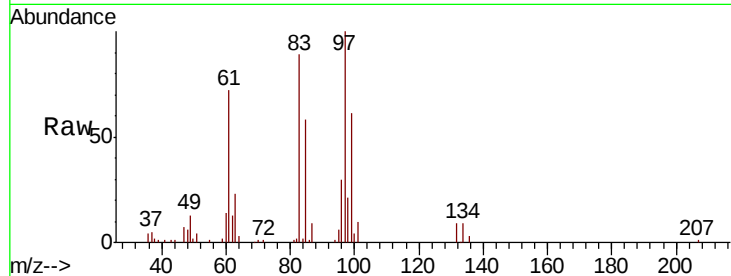




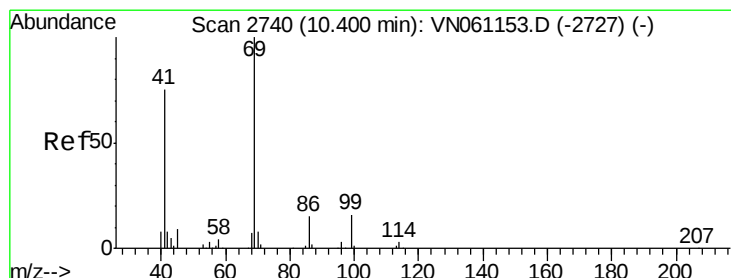
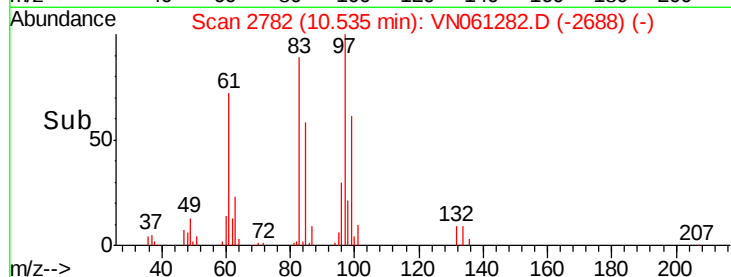
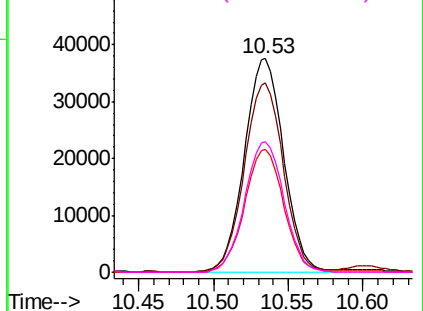
#55
 1,1,2-Trichloroethane
 Concen: 51.660 ug/l
 RT: 10.53 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	68808
Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.6	106.0
85	57.6	46.4	69.6
99	61.2	50.6	75.8

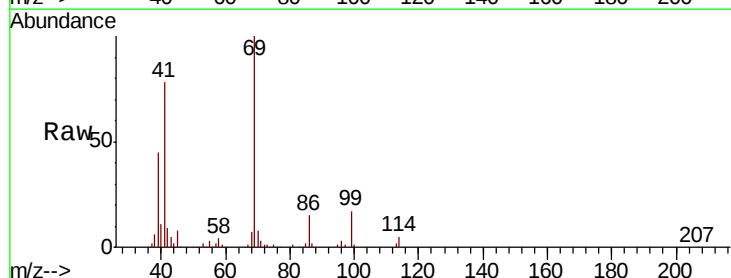


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

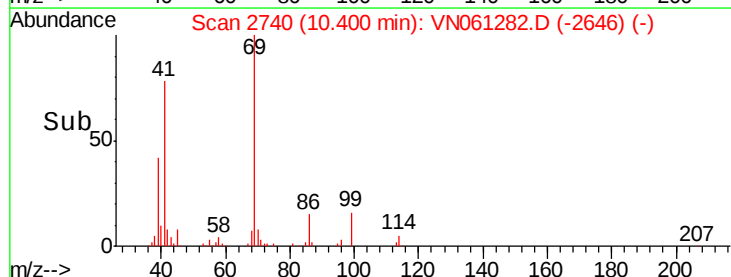
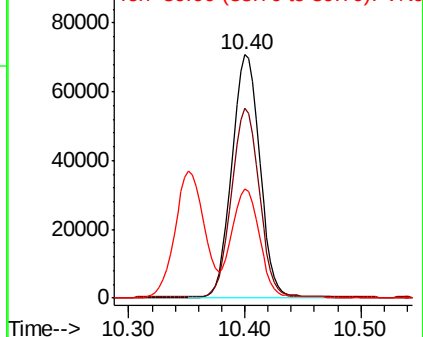


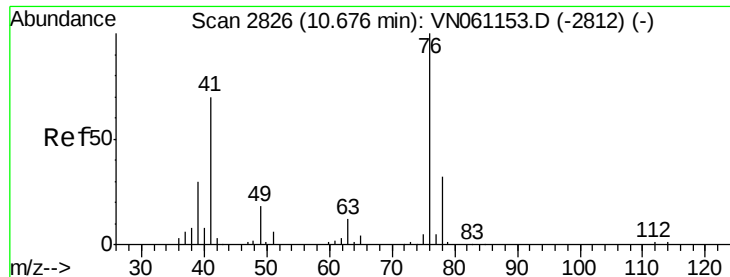
#56
 Ethyl methacrylate
 Concen: 51.041 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion:	69	Resp:	118607
Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.3	90.5
39	43.9	35.9	53.9



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

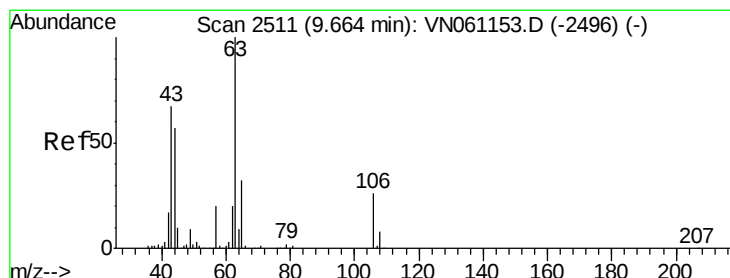
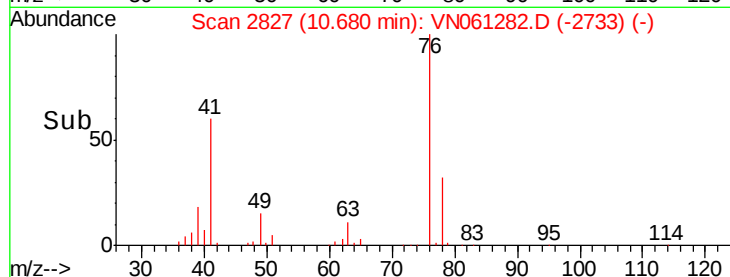
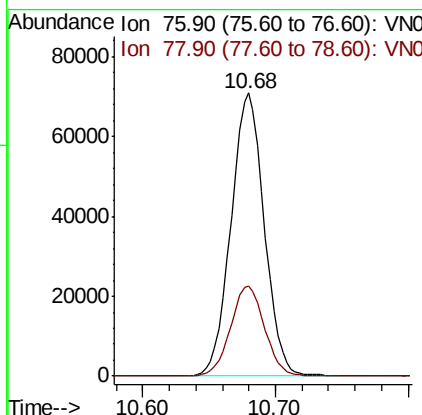
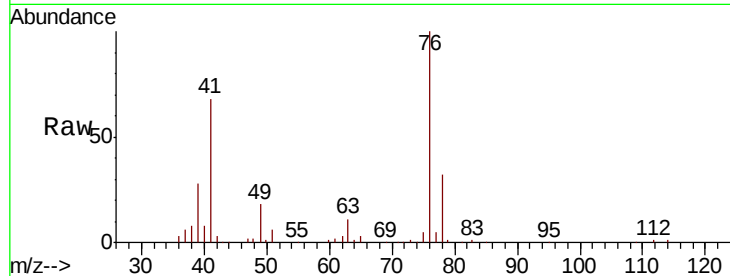




#57
 1,3-Dichloropropane
 Concen: 52.660 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

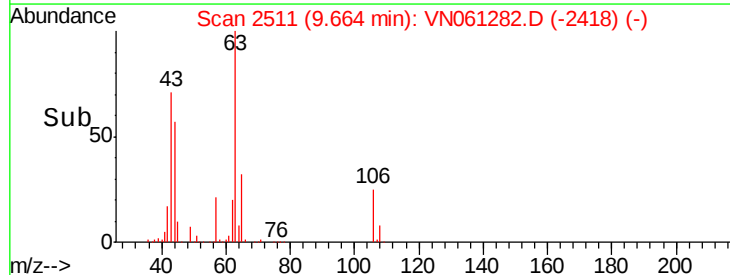
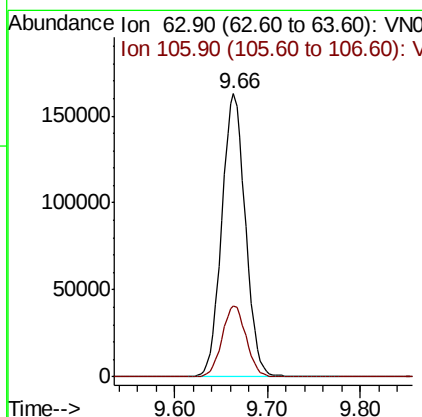
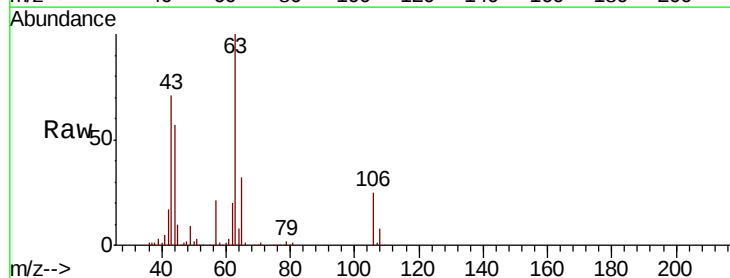
Instrument :
 MSVOA_N
 ClientSampled :

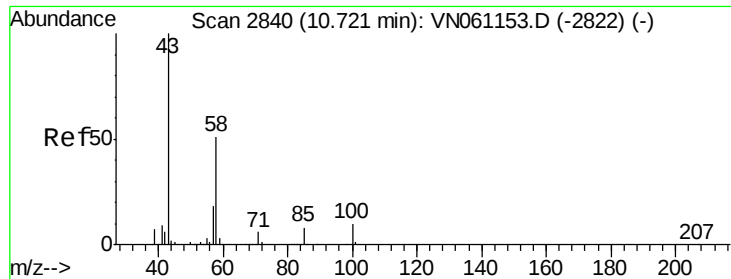
Tot Ion: 76 Resp: 123289
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.927 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion: 63 Resp: 287784
 Ion Ratio Lower Upper
 63 100
 106 25.4 20.6 30.8

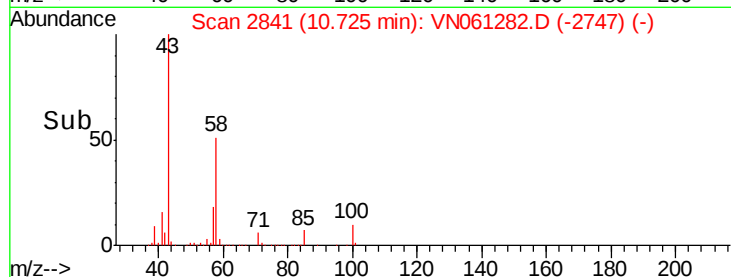
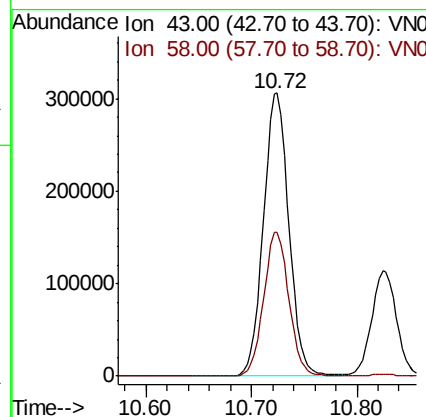
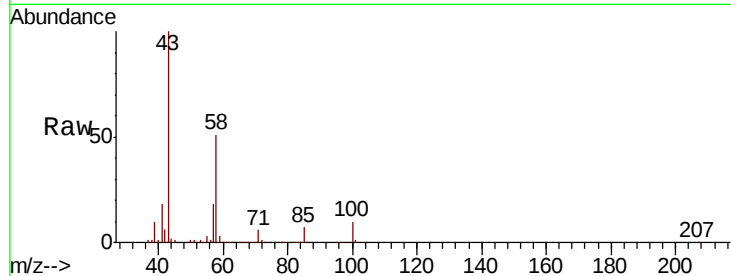




#59
2-Hexanone
Concen: 332.201 ug/l
RT: 10.72 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

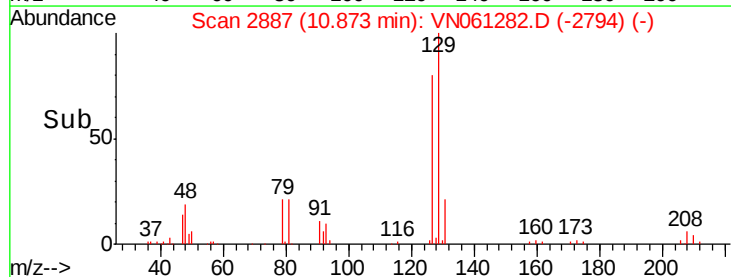
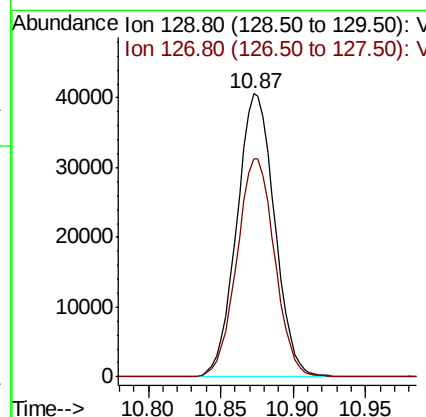
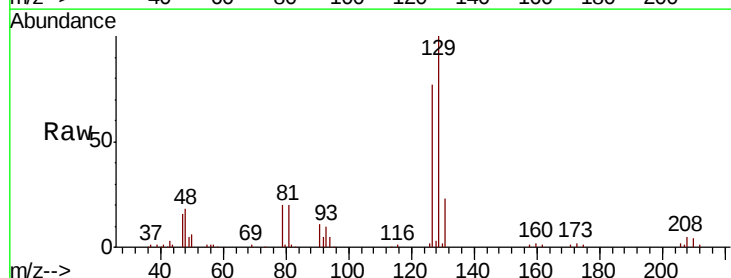
Instrument :
MSVOA_N
ClientSampleId :

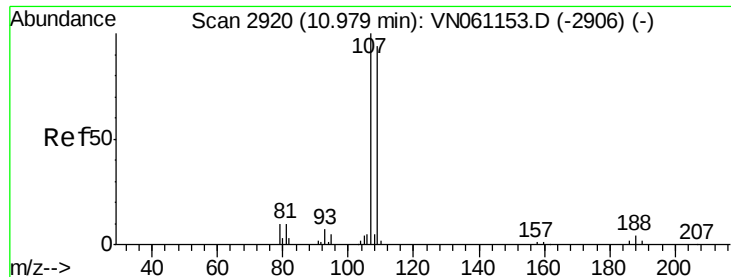
Tot Ion: 43 Resp: 515049
Ion Ratio Lower Upper
43 100
58 50.7 25.4 76.4



#60
Dibromochloromethane
Concen: 52.778 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 129 Resp: 73626
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8

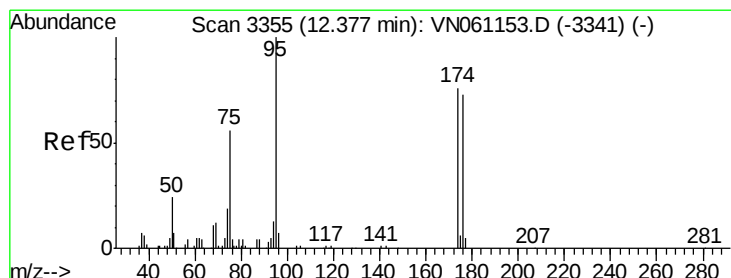
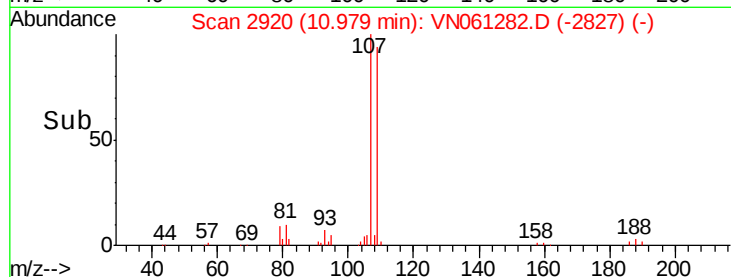
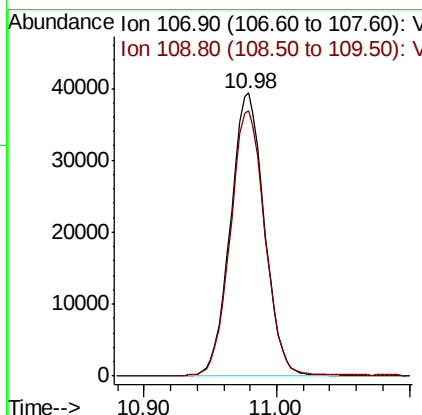
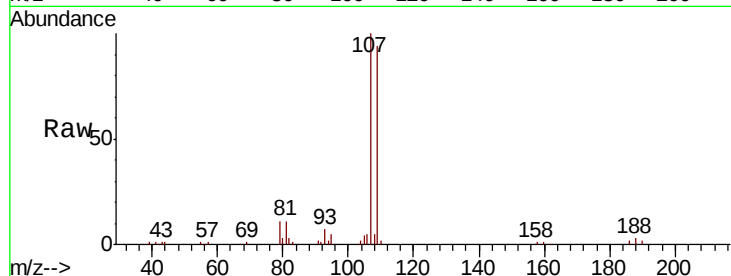




#61
 1,2-Dibromoethane
 Concen: 52.249 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

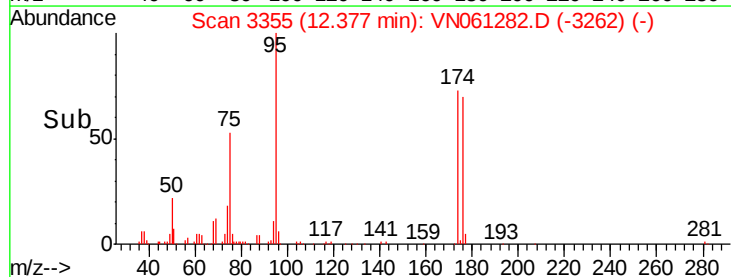
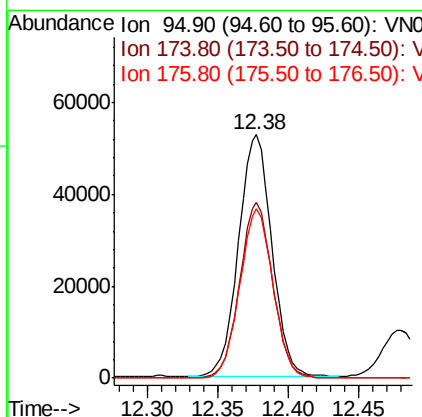
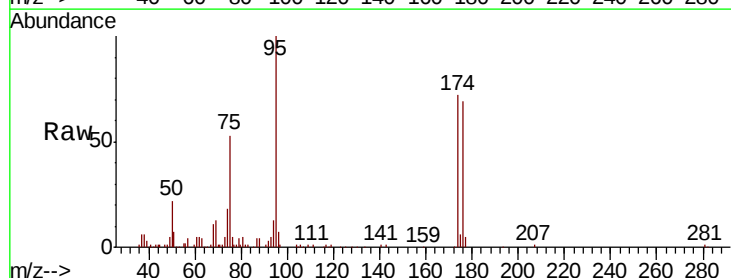
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 69752
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.602 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion: 95 Resp: 87015
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 149.4
 176 69.8 0.0 144.8

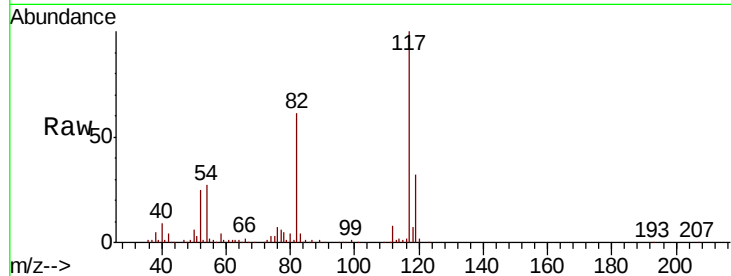




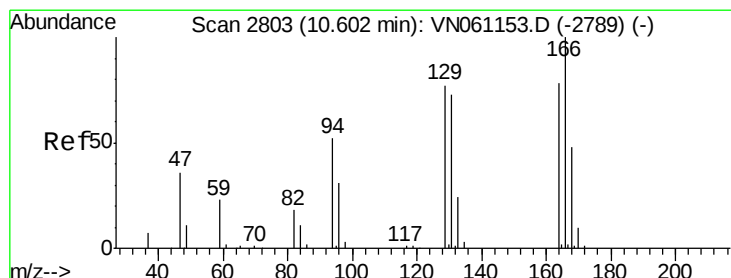
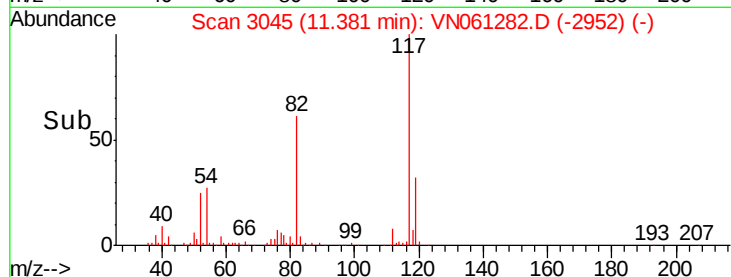
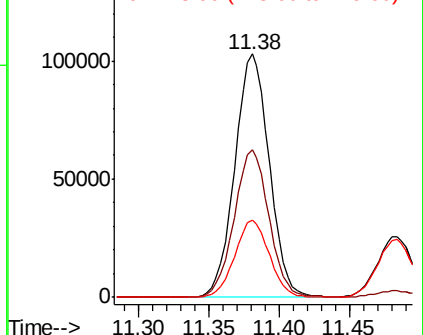
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 176336
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 31.8 25.8 38.6

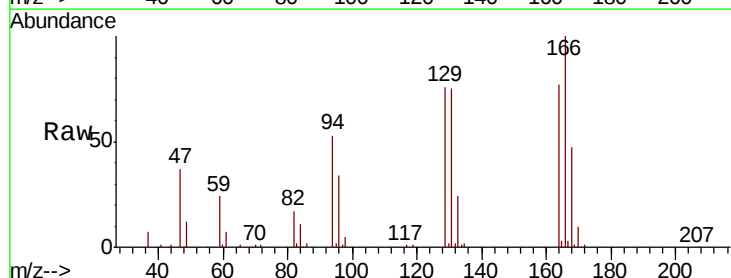


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

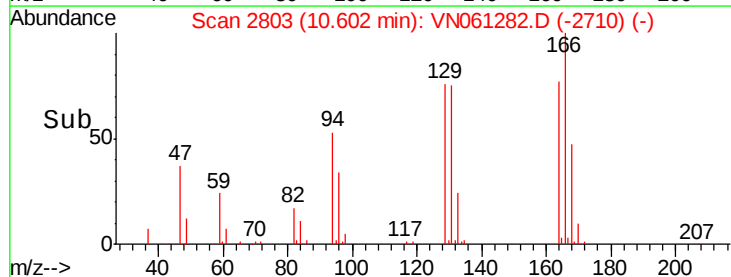
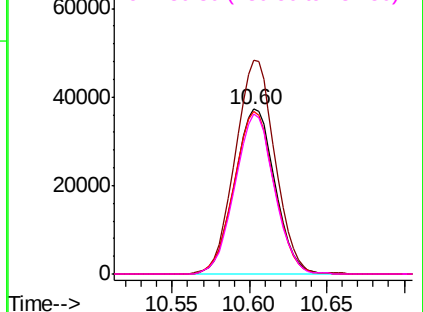


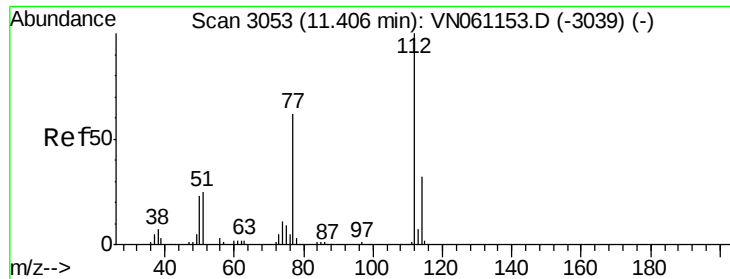
#64
Tetrachloroethene
Concen: 44.178 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion:164 Resp: 67472
Ion Ratio Lower Upper
164 100
166 129.4 102.0 153.0
129 98.4 78.2 117.2
131 96.6 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: 50.590 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

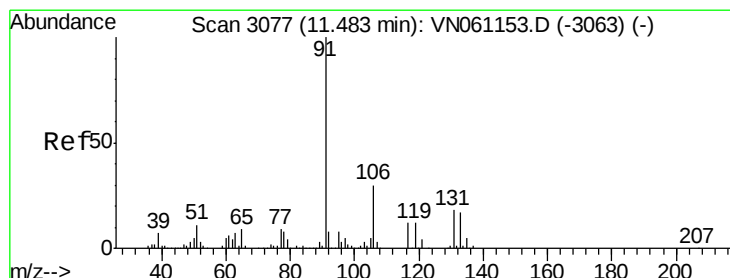
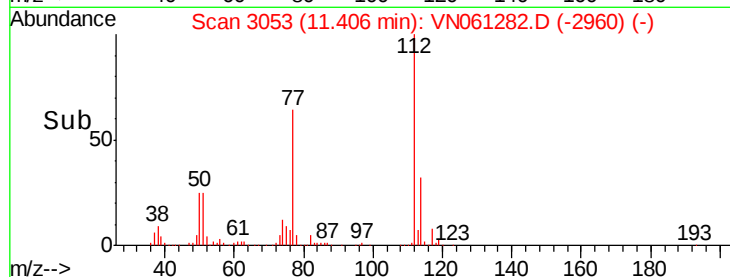
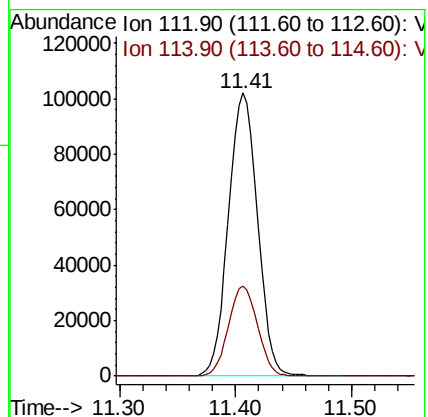
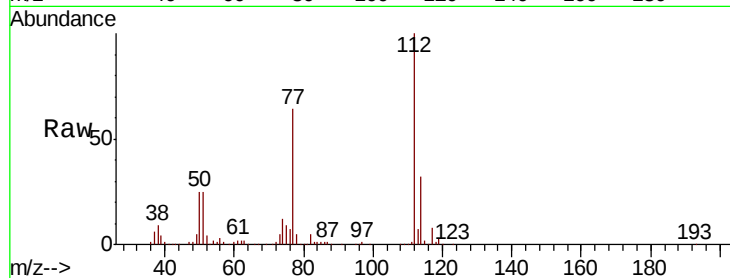
ClientSampleId :

Tot Ion:112 Resp: 176961

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 52.305 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

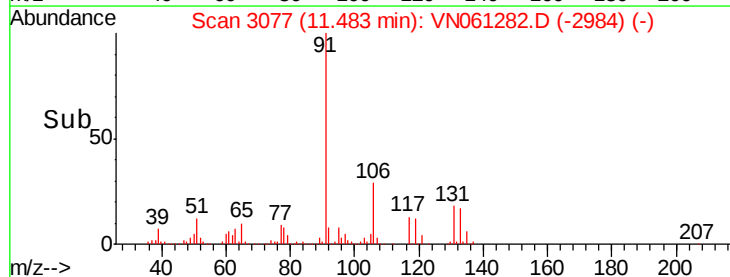
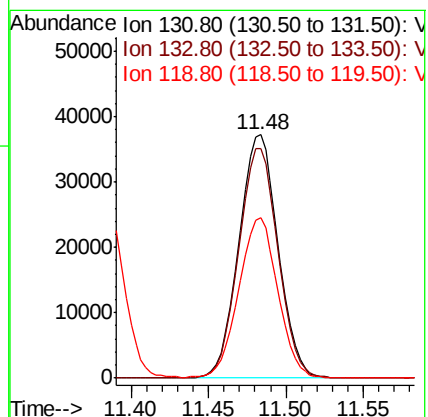
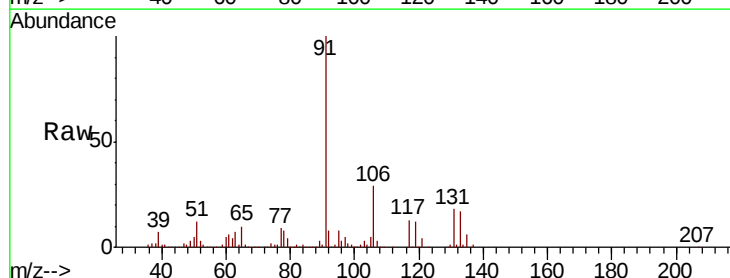
Tgt Ion:131 Resp: 65483

Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.2

119 65.7 32.6 97.8

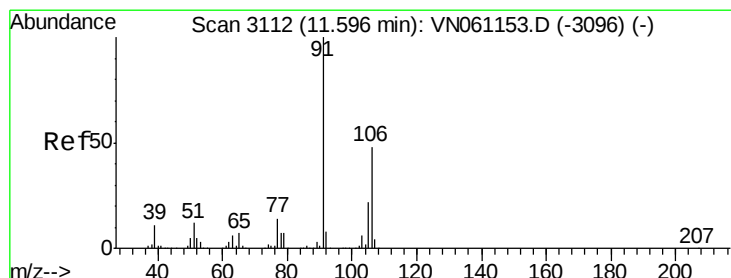
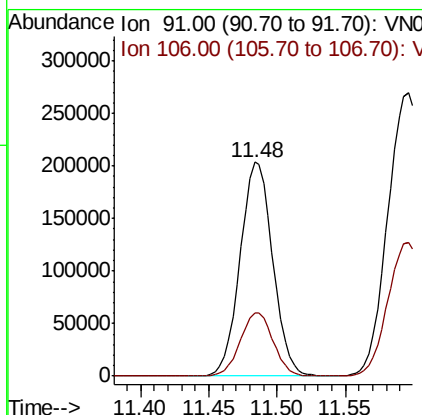
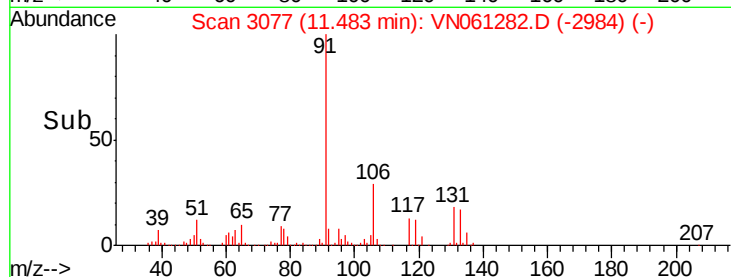
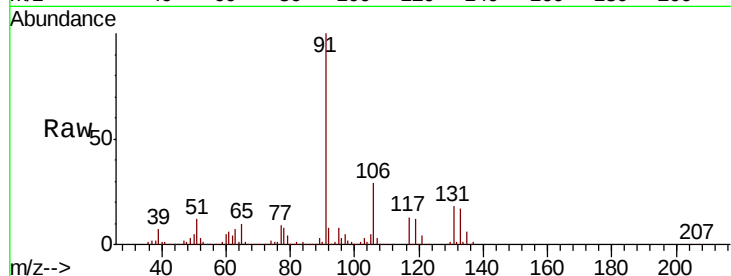




#67
Ethyl Benzene
Concen: 51.782 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

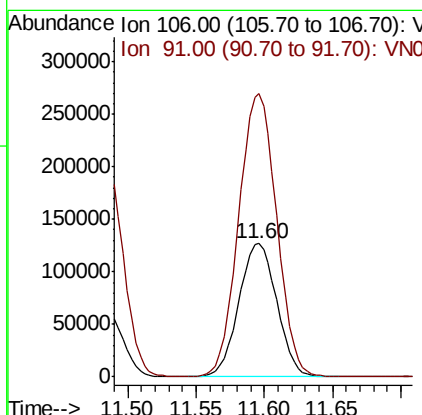
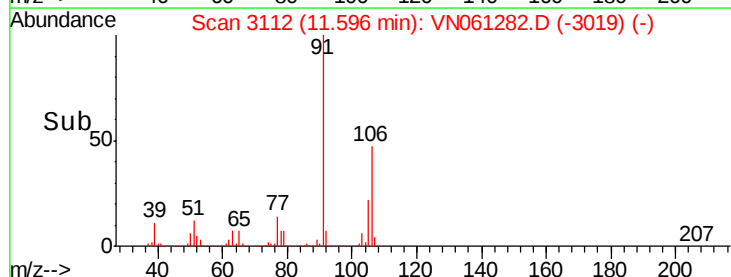
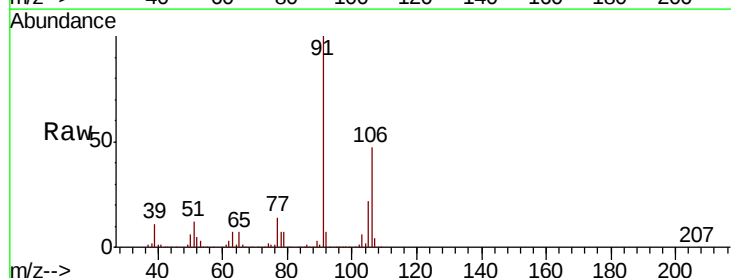
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 339071
Ion Ratio Lower Upper
91 100
106 29.3 23.8 35.6



#68
m/p-Xylenes
Concen: 102.475 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 106 Resp: 245610
Ion Ratio Lower Upper
106 100
91 212.1 166.4 249.6

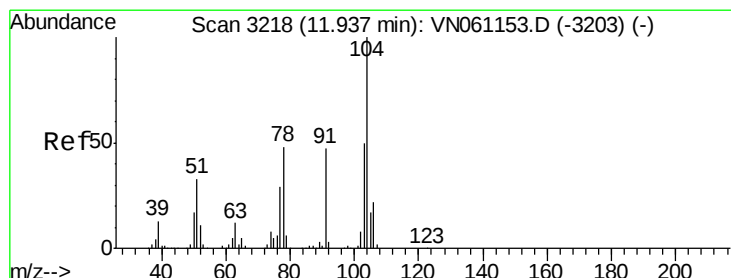
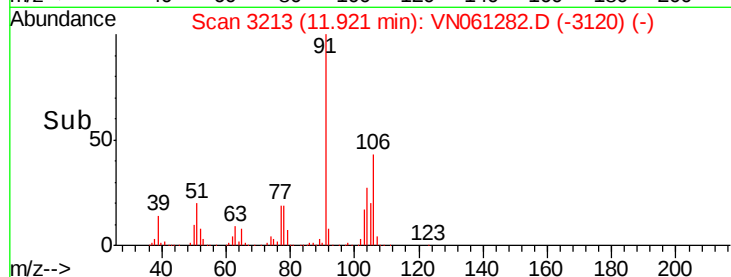
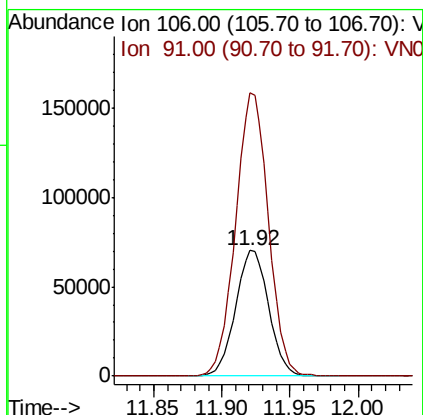
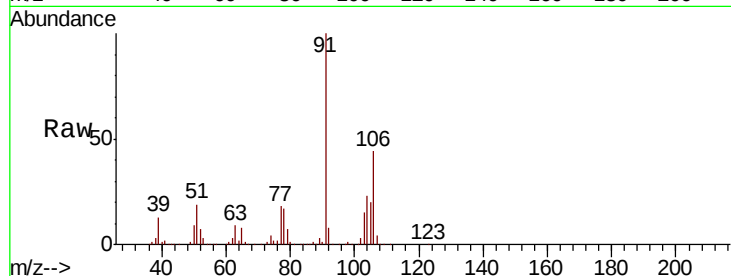




#69
o-Xylene
Concen: 51.282 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

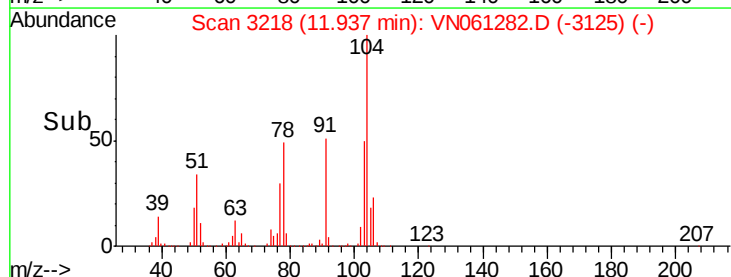
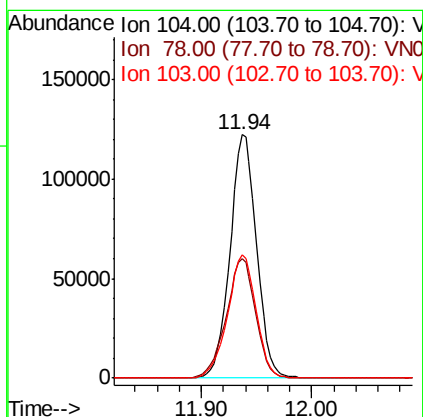
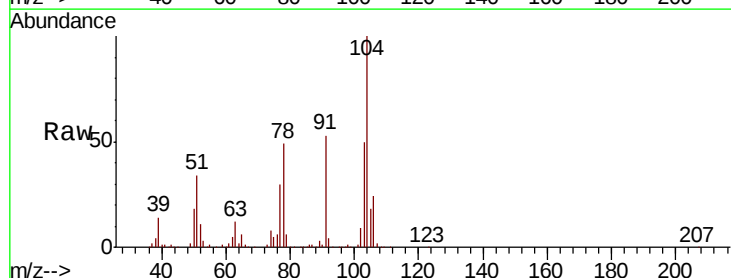
Instrument :
MSVOA_N
ClientSampled :

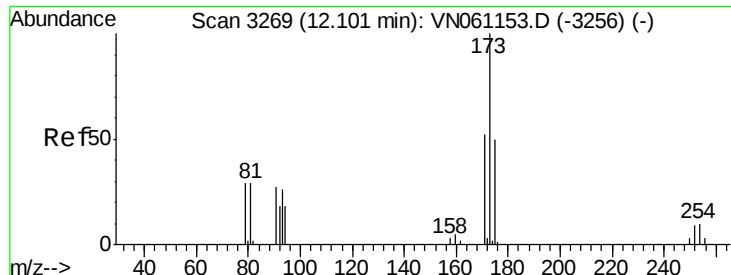
Tot Ion:106 Resp: 118065
Ion Ratio Lower Upper
106 100
91 222.6 109.7 329.0



#70
Styrene
Concen: 52.937 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion:104 Resp: 203981
Ion Ratio Lower Upper
104 100
78 54.3 42.1 63.1
103 54.4 43.3 64.9





#71

Bromoform

Concen: 55.247 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

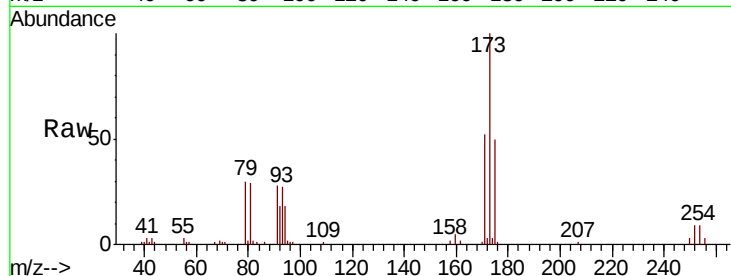
Tot Ion:173 Resp: 50833

Ion Ratio Lower Upper

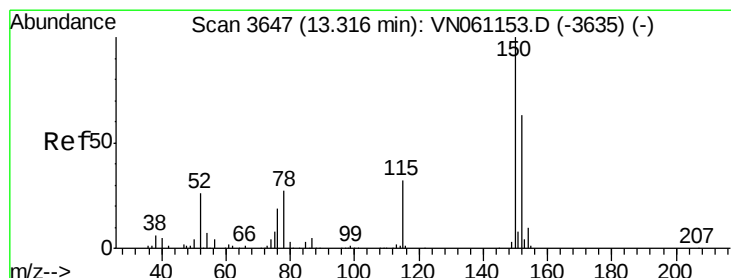
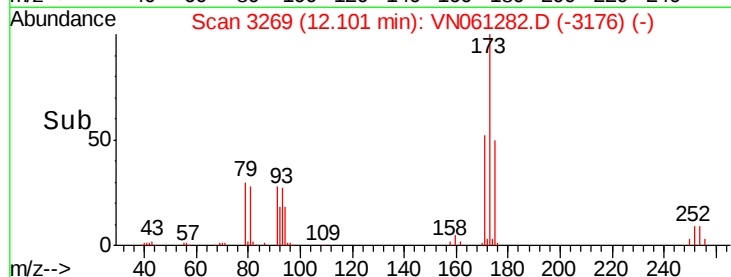
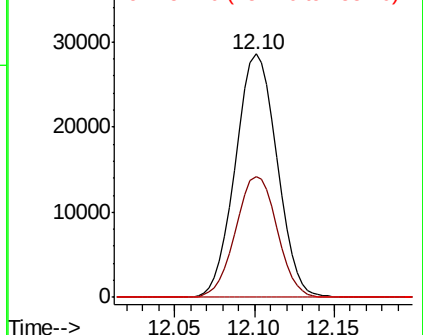
173 100

175 49.3 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: VN061282.D

Acq: 4 May 2020 16:49

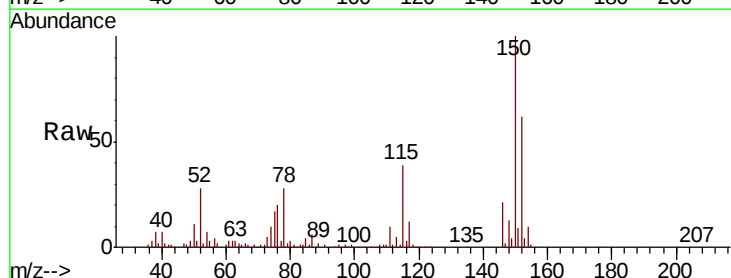
Tgt Ion:152 Resp: 86400

Ion Ratio Lower Upper

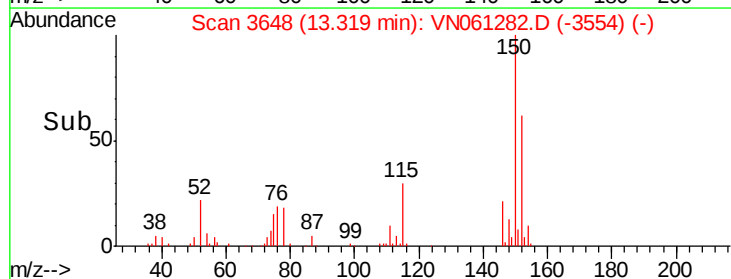
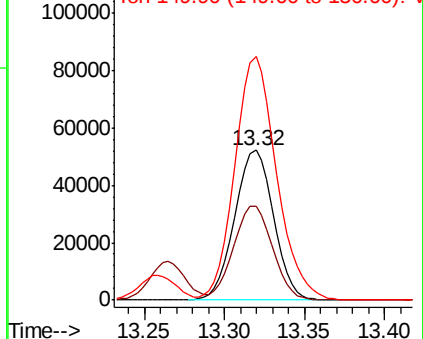
152 100

115 62.5 31.0 93.0

150 173.3 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: 51.088 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

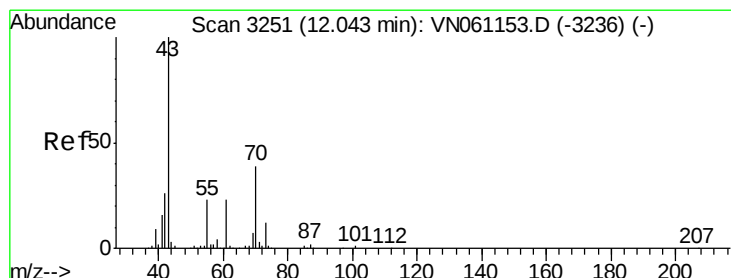
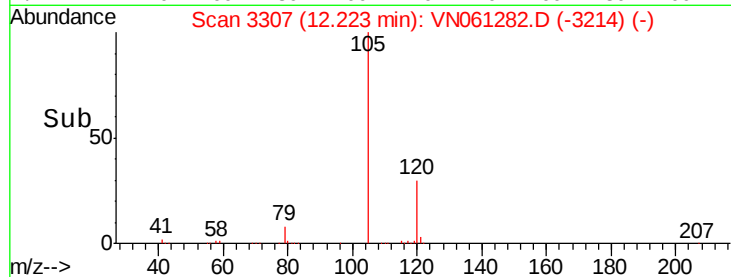
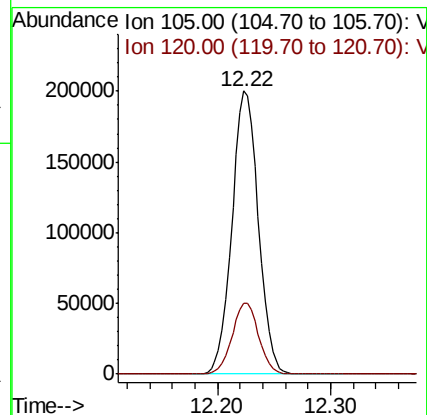
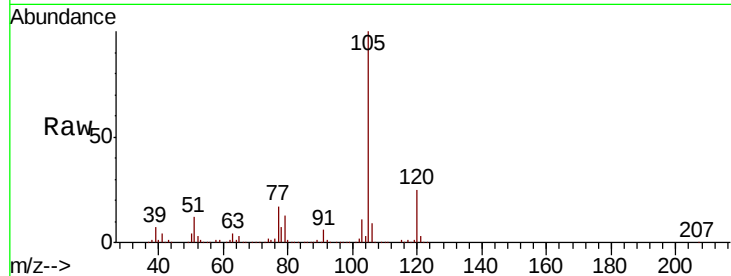
ClientSampled :

Tot Ion:105 Resp: 324492

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 57.707 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Tgt Ion: 43 Resp: 185606

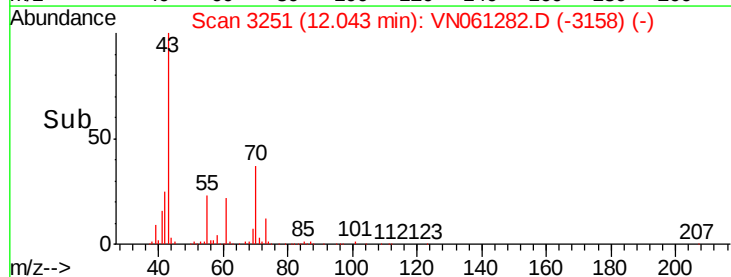
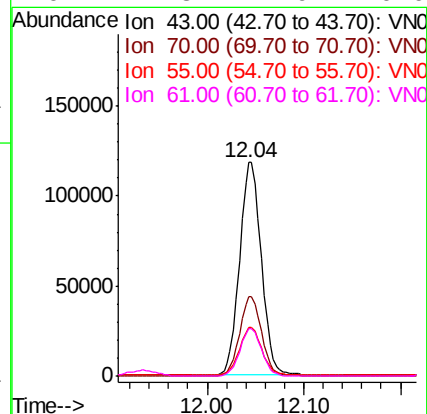
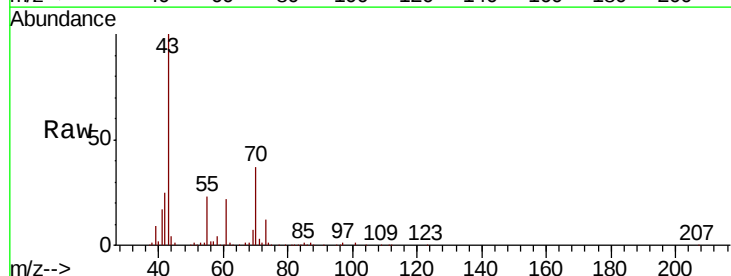
Ion Ratio Lower Upper

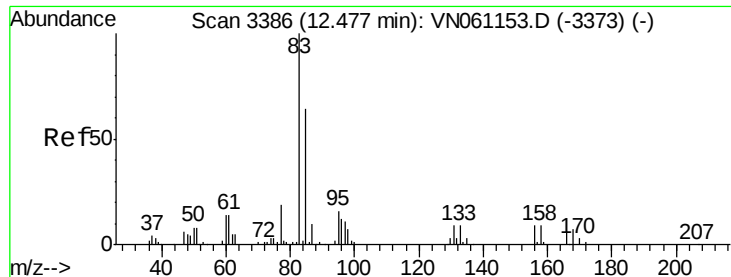
43 100

70 37.8 30.6 46.0

55 23.1 18.5 27.7

61 22.3 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.695 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampled :

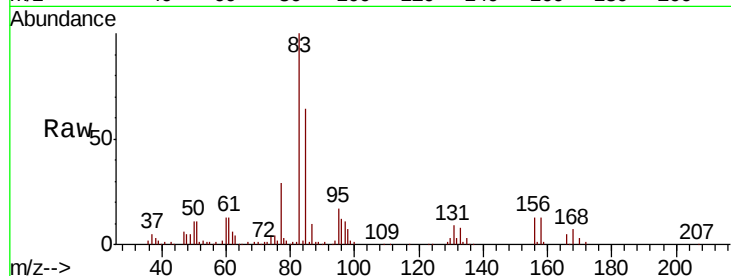
Tot Ion: 83 Resp: 106345

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

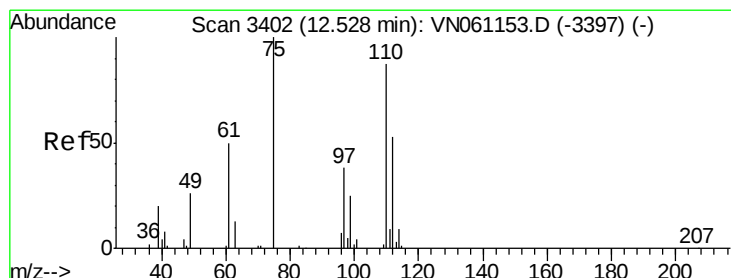
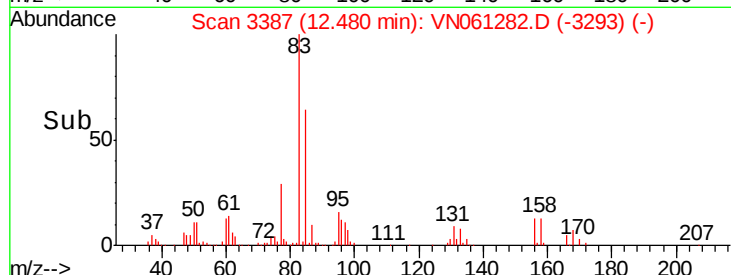
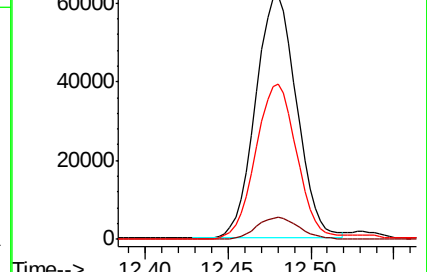
85 64.2 32.0 96.0



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: 82.613 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061282.D

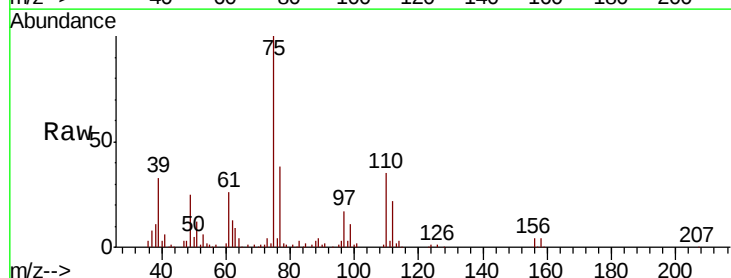
Acq: 4 May 2020 16:49

Tgt Ion: 75 Resp: 150484

Ion Ratio Lower Upper

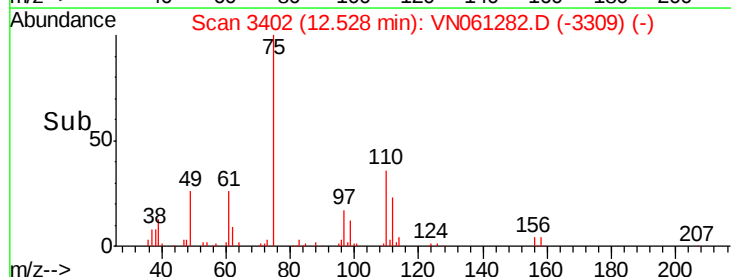
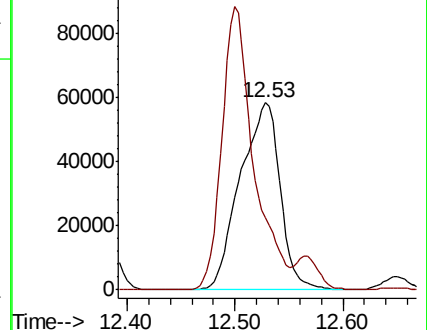
75 100

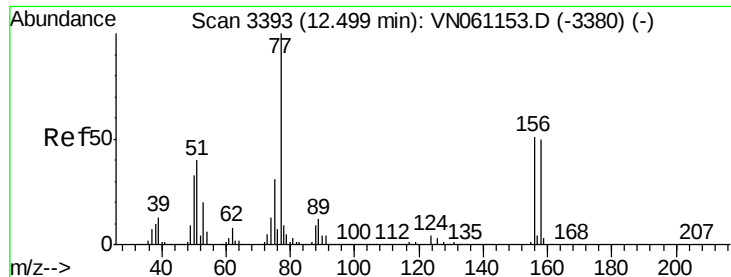
77 0.0 0.0 0.0



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: 50.097 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

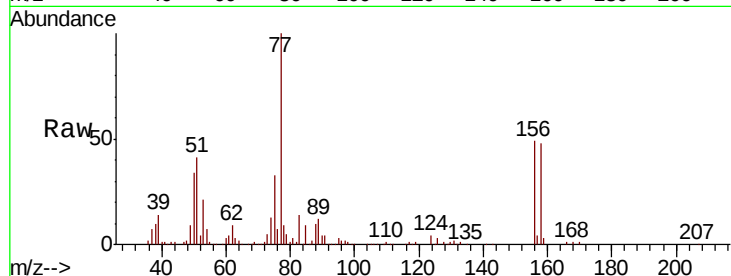
Tot Ion:156 Resp: 73454

Ion Ratio Lower Upper

156 100

77 245.2 117.4 352.2

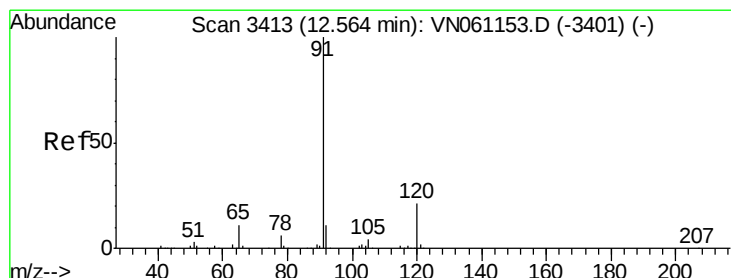
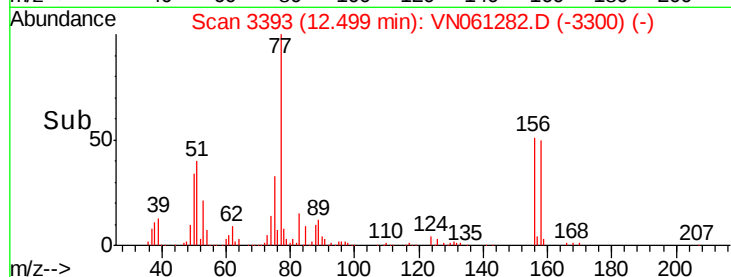
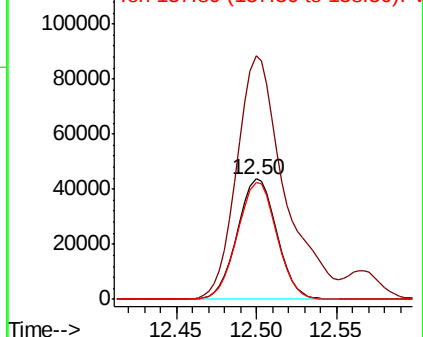
158 96.7 48.4 145.0



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: 51.088 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061282.D

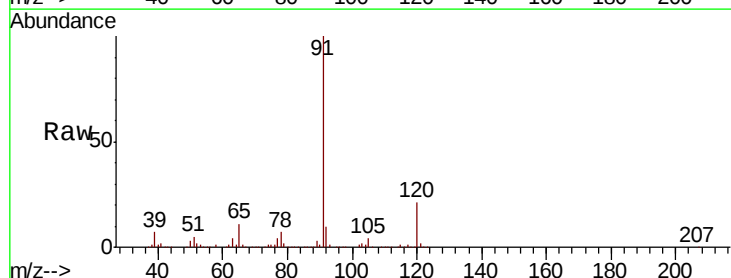
Acq: 4 May 2020 16:49

Tgt Ion: 91 Resp: 384885

Ion Ratio Lower Upper

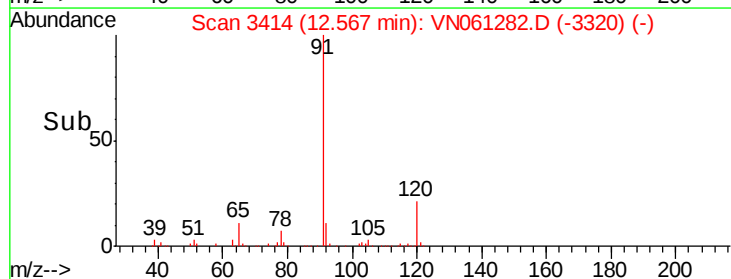
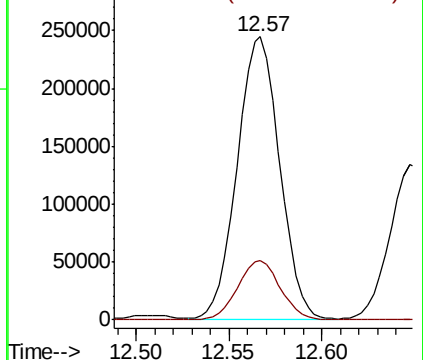
91 100

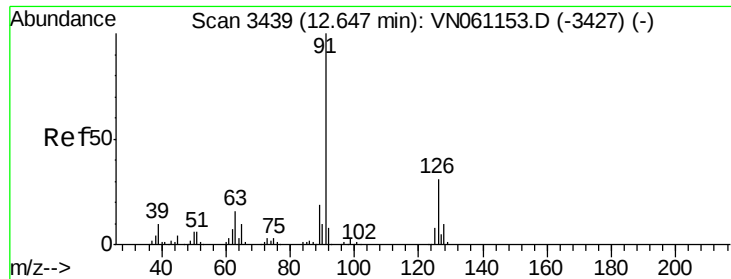
120 21.2 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

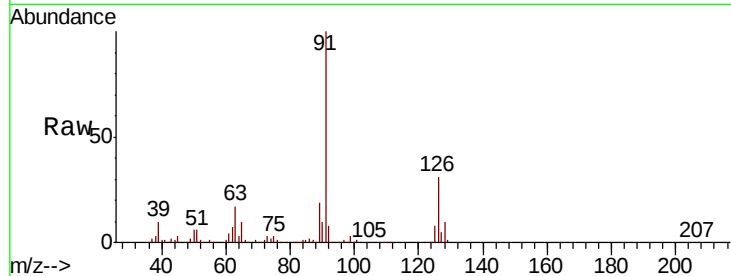




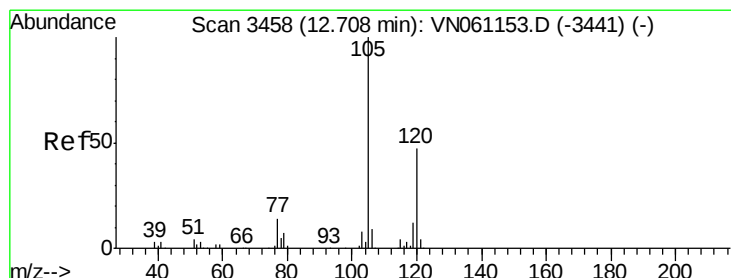
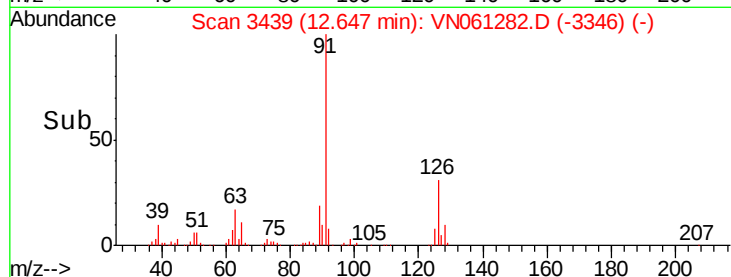
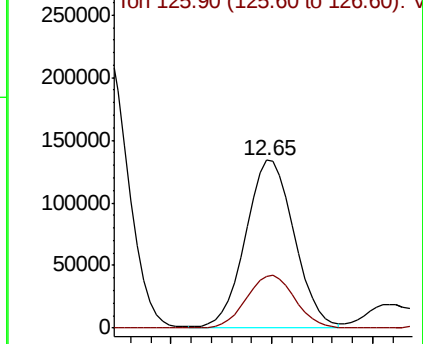
#79
 2-Chlorotoluene
 Concen: 50.503 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 223636
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.9 47.7

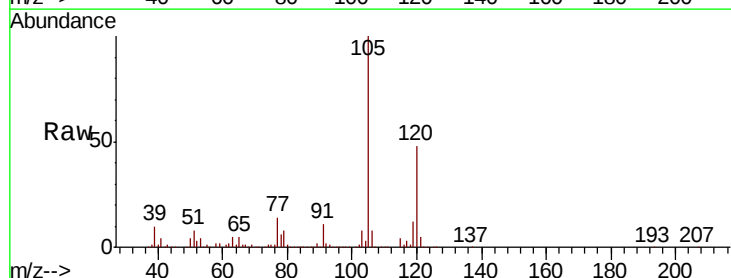


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)
 Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

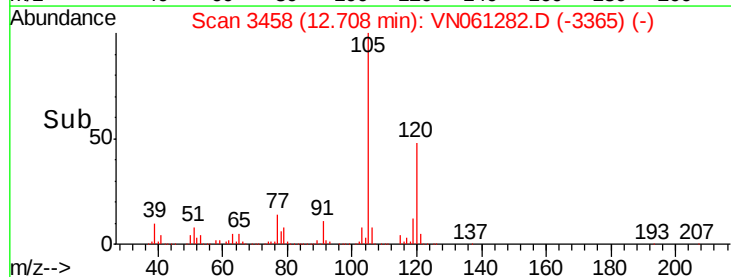
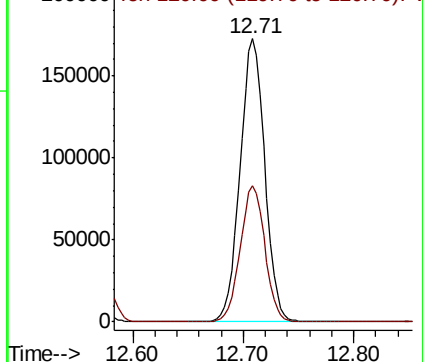


#80
 1,3,5-Trimethylbenzene
 Concen: 50.520 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion: 105 Resp: 265583
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)
 Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 56.199 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampleId :

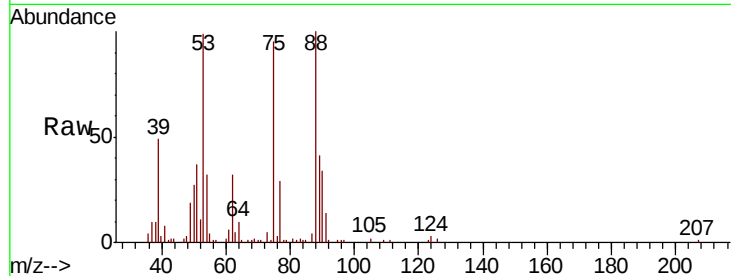
Tot Ion: 75 Resp: 40311

Ion Ratio Lower Upper

75 100

53 108.1 84.1 126.1

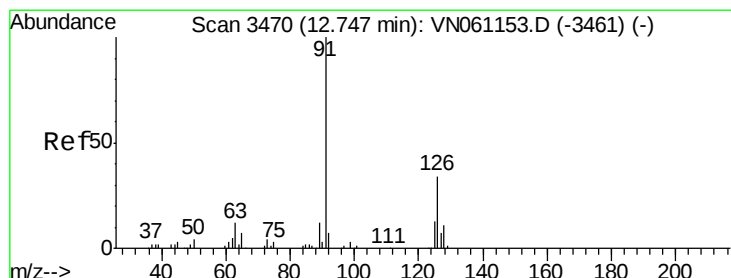
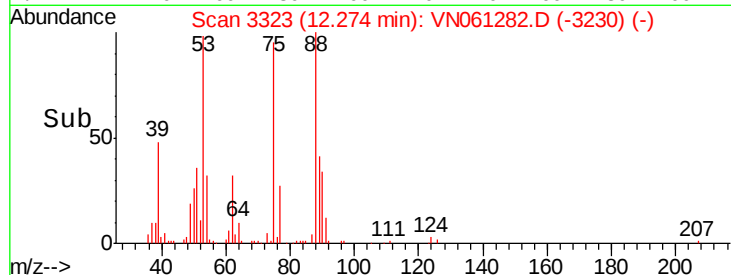
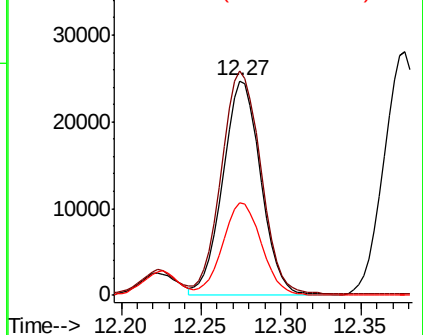
89 43.9 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3313) (-)

Ion 53.00 (52.70 to 53.70): VN061153.D (-3313) (-)

Ion 88.90 (88.60 to 89.60): VN061153.D (-3313) (-)



#82

4-Chlorotoluene

Concen: 51.395 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061282.D

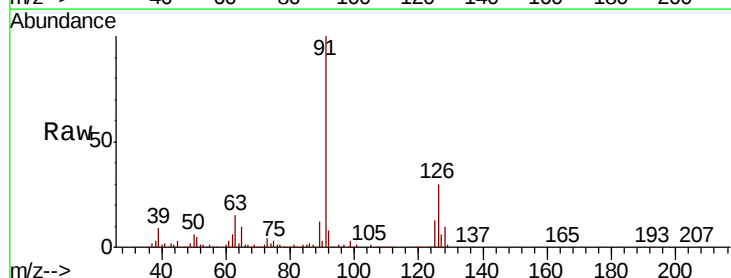
Acq: 4 May 2020 16:49

Tgt Ion: 91 Resp: 239866

Ion Ratio Lower Upper

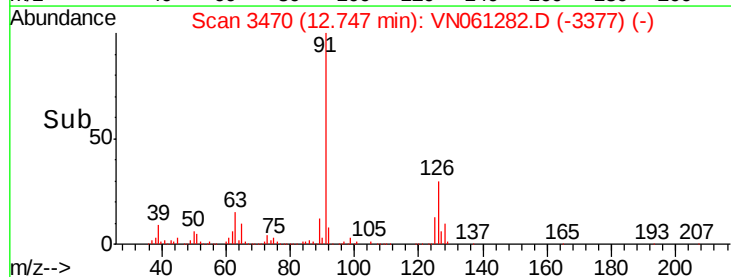
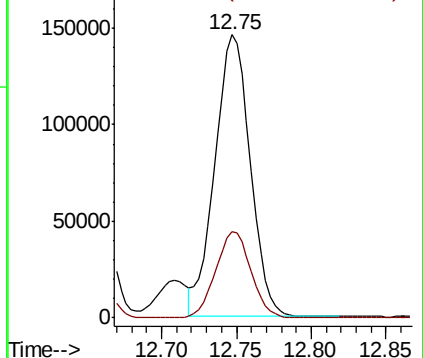
91 100

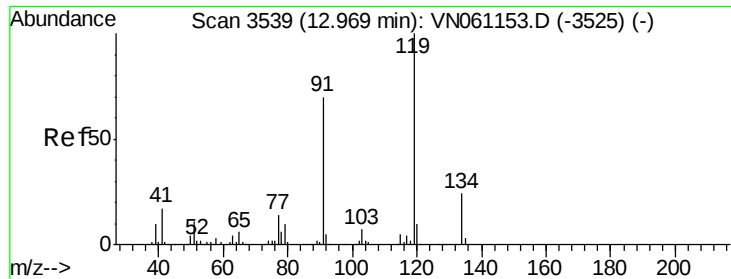
126 30.2 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3461) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3461) (-)

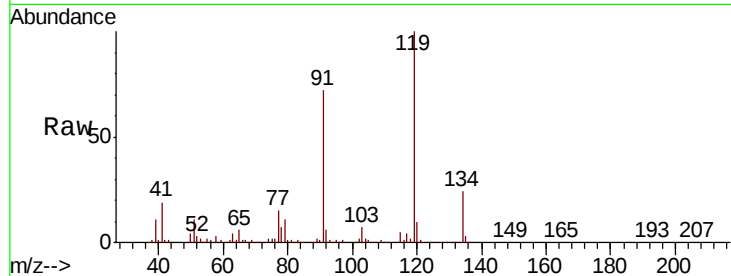




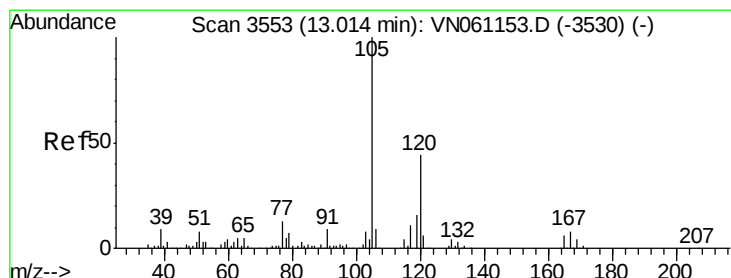
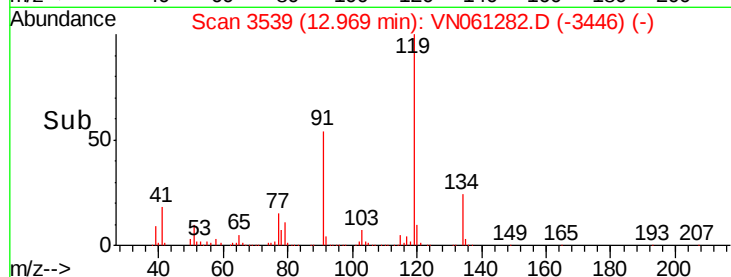
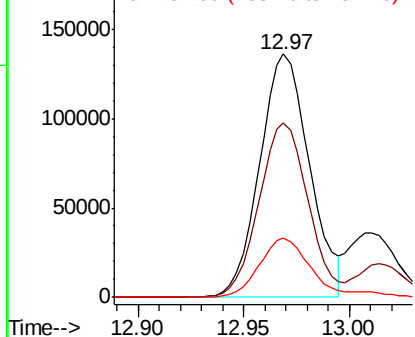
#83
tert-Butylbenzene
Concen: 50.450 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 223634
Ion Ratio Lower Upper
119 100
91 70.5 34.8 104.4
134 26.0 12.9 38.7

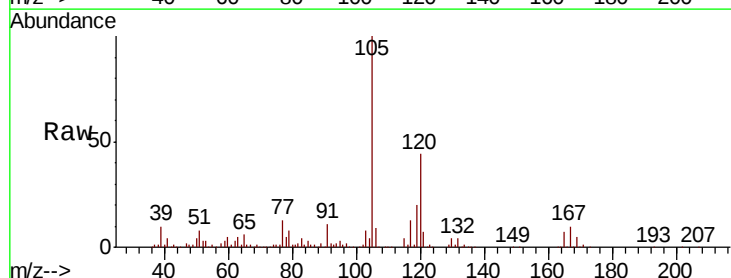


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

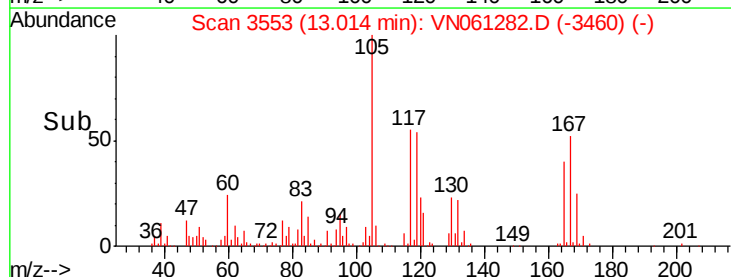
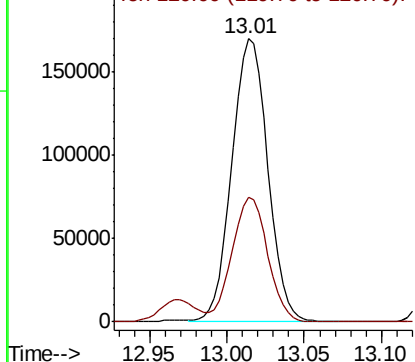


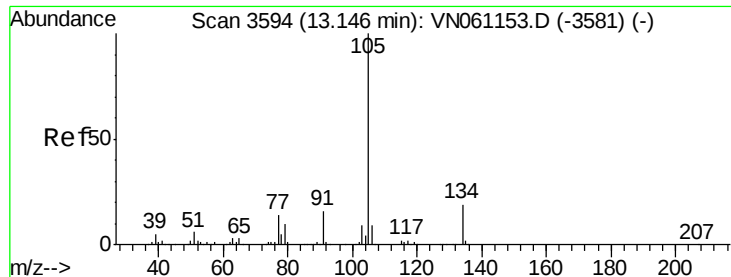
#84
1,2,4-Trimethylbenzene
Concen: 50.365 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion:105 Resp: 272784
Ion Ratio Lower Upper
105 100
120 43.9 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: 49.787 ug/l

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

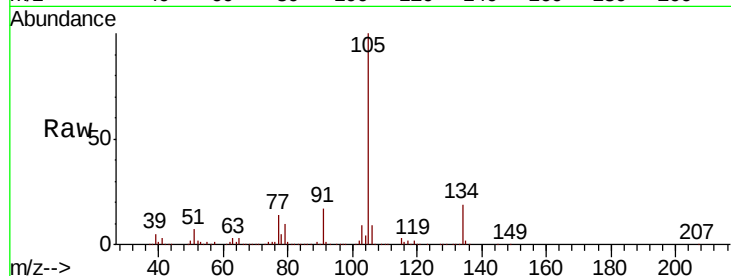
ClientSampleId :

Tot Ion:105 Resp: 300891

Ion Ratio Lower Upper

105 100

134 18.8 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

200000

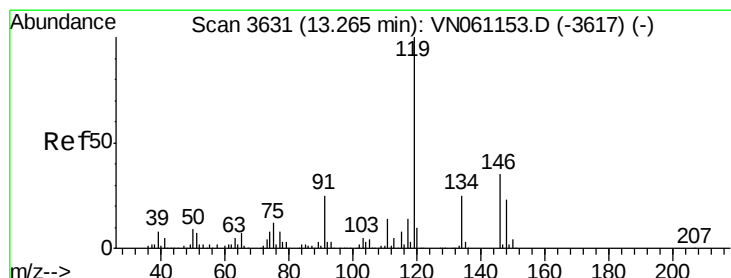
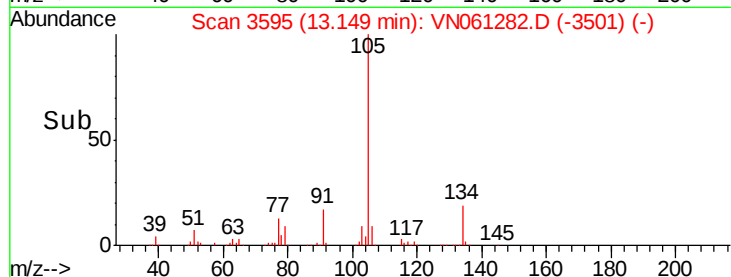
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.101 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

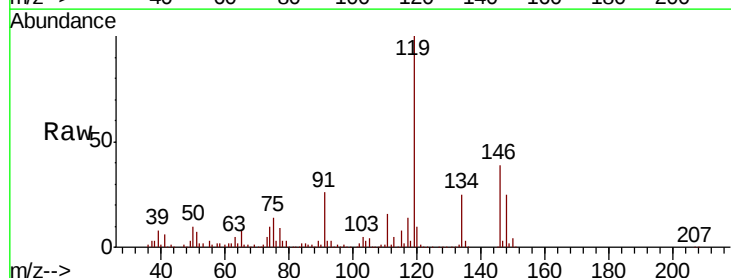
Tgt Ion:119 Resp: 272806

Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.6

91 25.4 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

13.26

200000

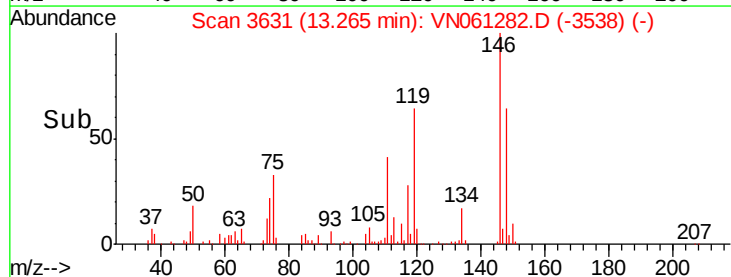
150000

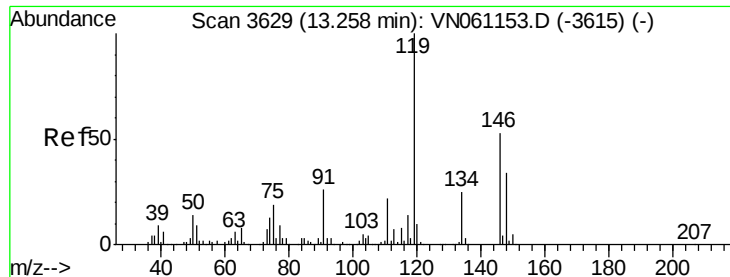
100000

50000

0

Time-->

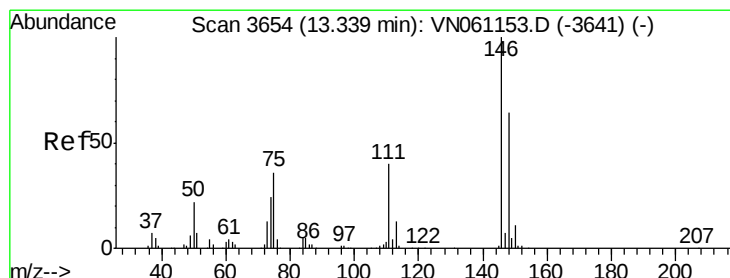
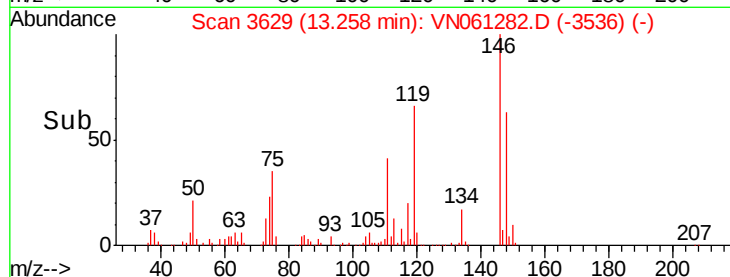
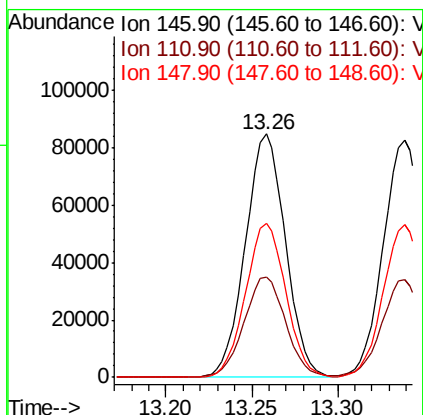
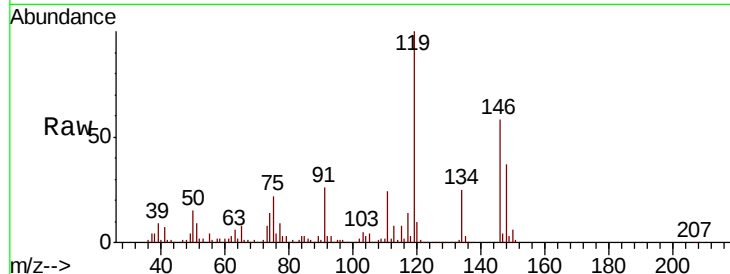




#87
 1,3-Dichlorobenzene
 Concen: 50.853 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

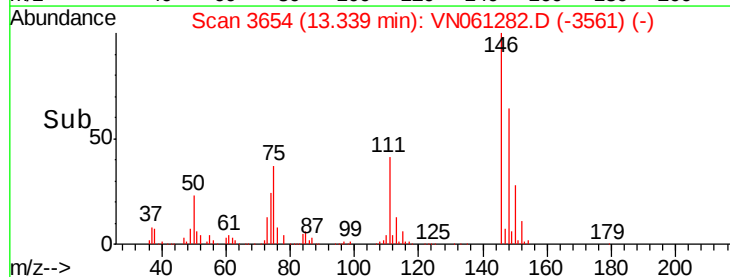
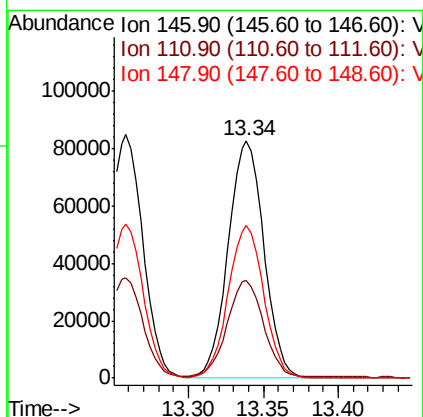
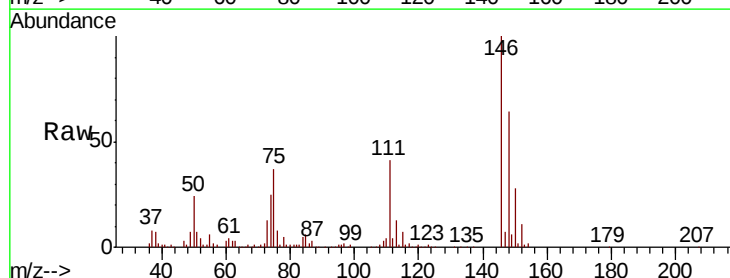
Instrument :
 MSVOA_N
 ClientSampleId :

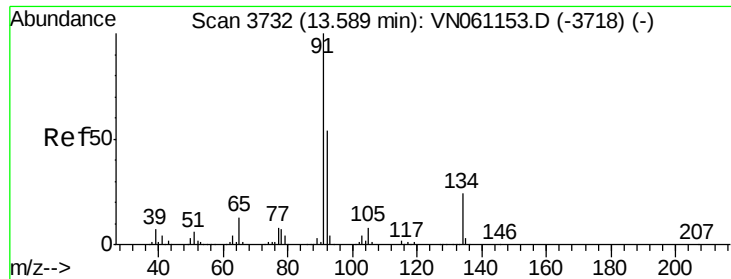
Tot Ion:146 Resp: 137265
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.7 62.1
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.906 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion:146 Resp: 137638
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.4 61.3
 148 64.0 31.9 95.7

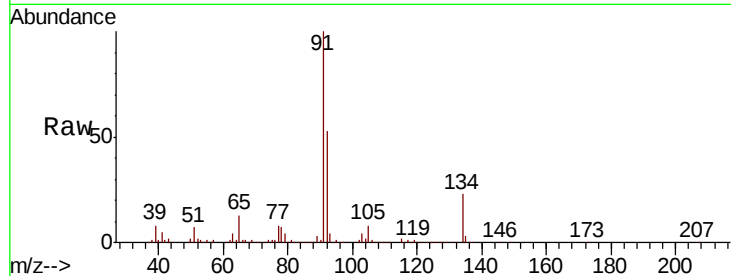




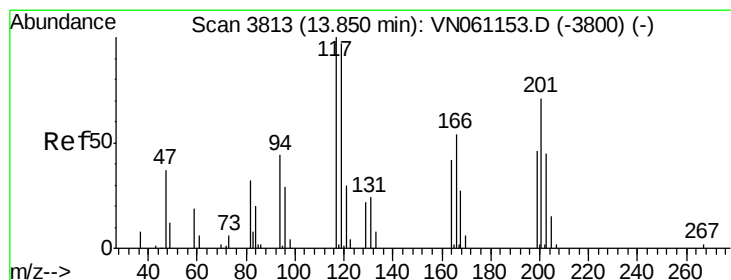
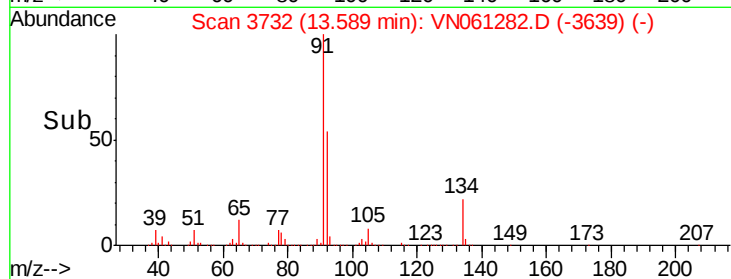
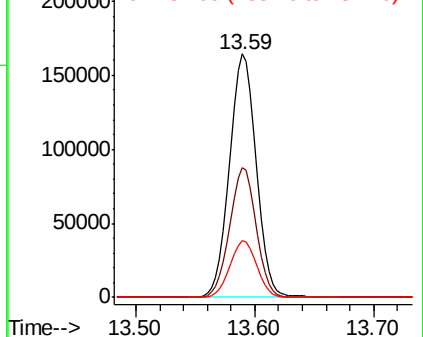
#89
n-Butylbenzene
Concen: 50.989 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 254527
Ion Ratio Lower Upper
91 100
92 53.2 26.8 80.3
134 23.4 11.9 35.5

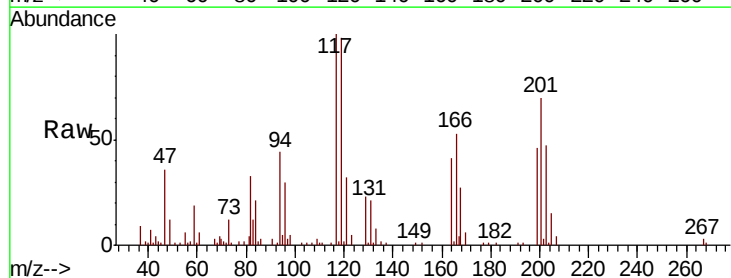


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

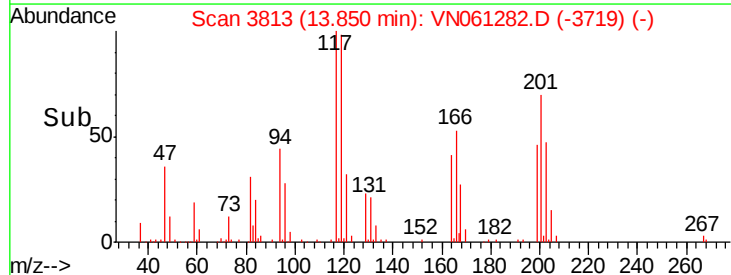
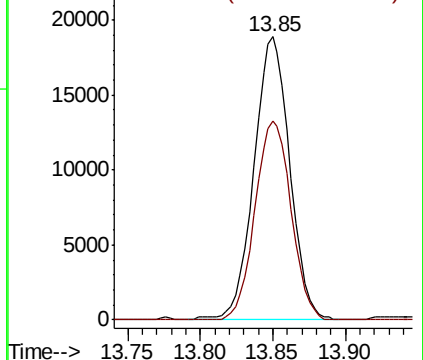


#90
Hexachloroethane
Concen: 56.100 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion: 117 Resp: 32486
Ion Ratio Lower Upper
117 100
201 70.5 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.088 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

Instrument :

MSVOA_N

ClientSampled :

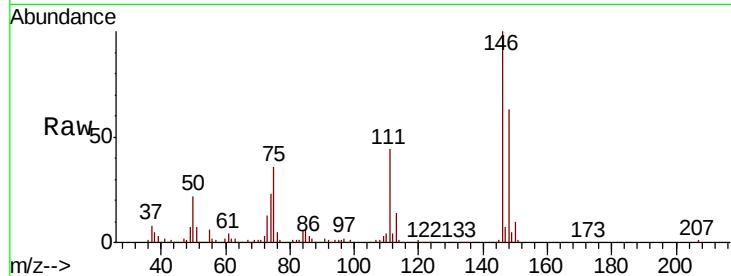
Tot Ion:146 Resp: 129634

Ion Ratio Lower Upper

146 100

111 44.4 21.8 65.3

148 64.3 31.6 95.0

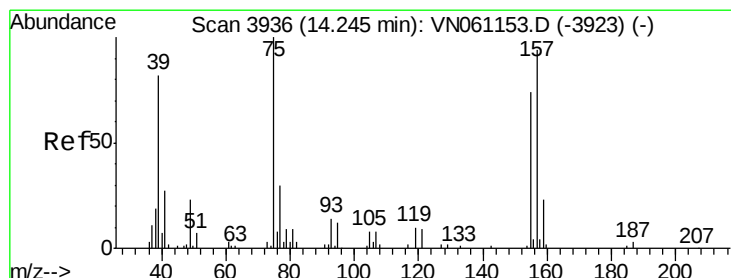
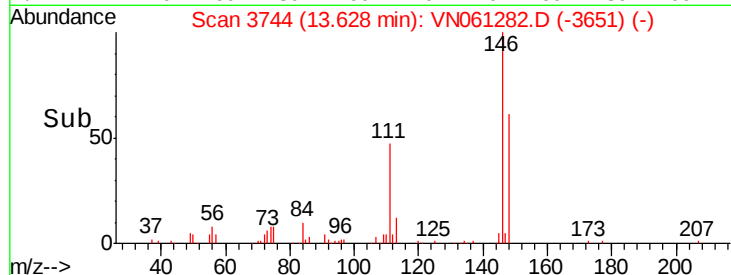
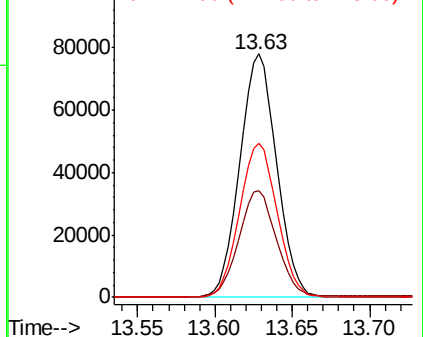


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.651 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061282.D

Acq: 4 May 2020 16:49

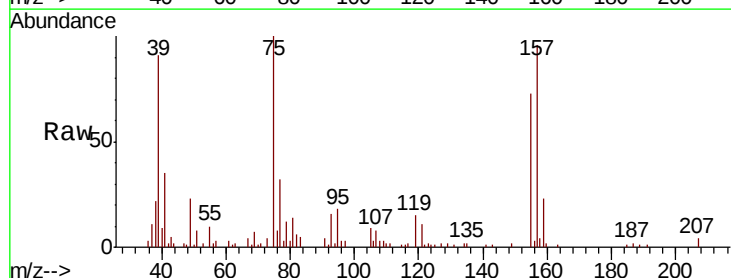
Tgt Ion: 75 Resp: 24533

Ion Ratio Lower Upper

75 100

155 72.8 36.5 109.7

157 94.8 46.6 139.7

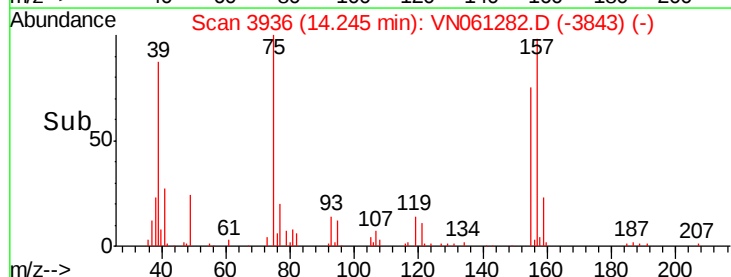
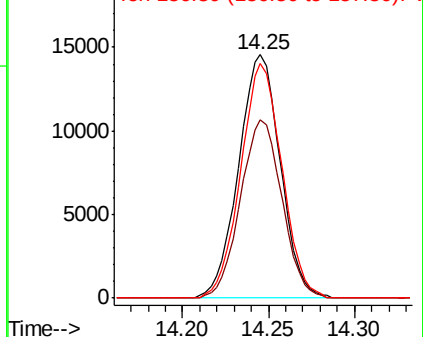


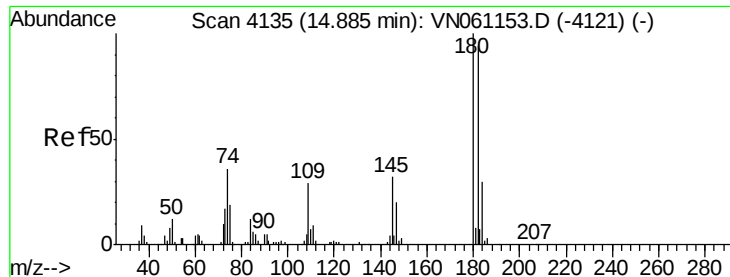
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

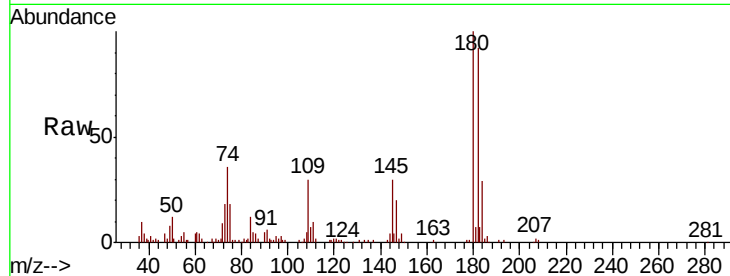




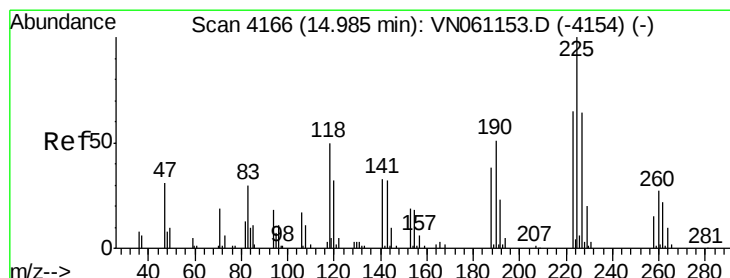
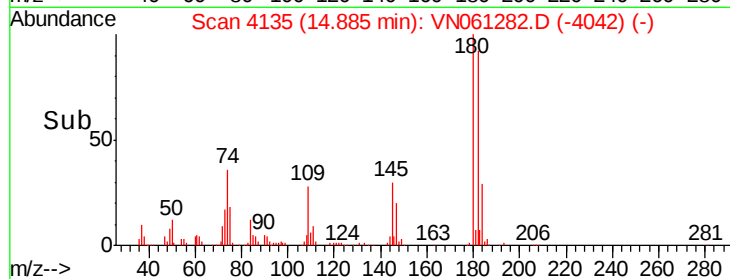
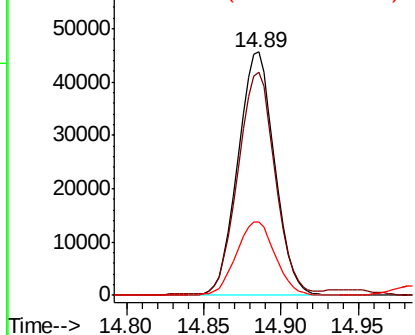
#93
 1,2,4-Trichlorobenzene
 Concen: 47.901 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 75494
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.3 141.9
 145 31.9 16.0 47.9

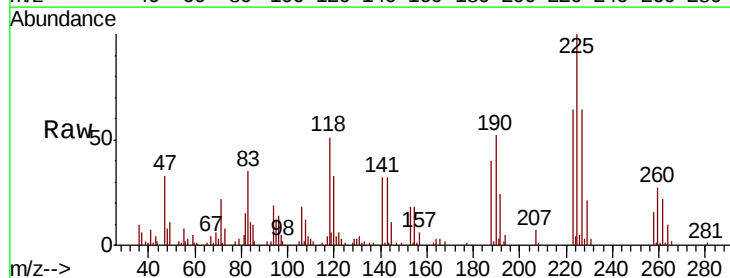


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

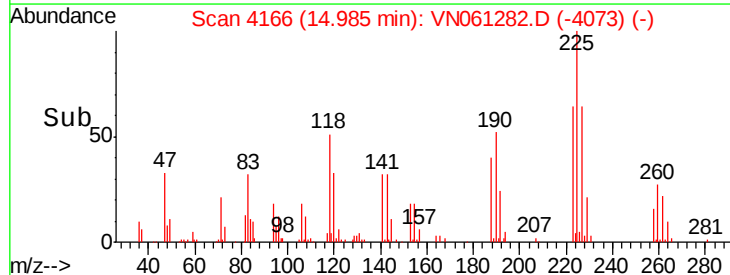
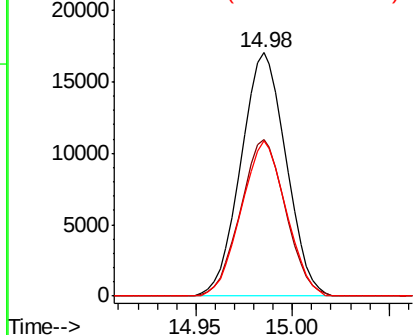


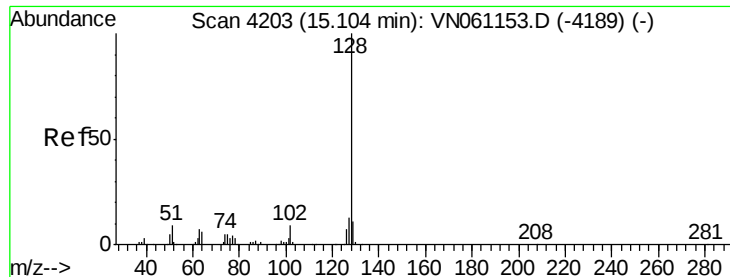
#94
 Hexachlorobutadiene
 Concen: 42.111 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061282.D
 Acq: 4 May 2020 16:49

Tgt Ion:225 Resp: 27727
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.4 97.0
 227 63.3 32.4 97.0



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

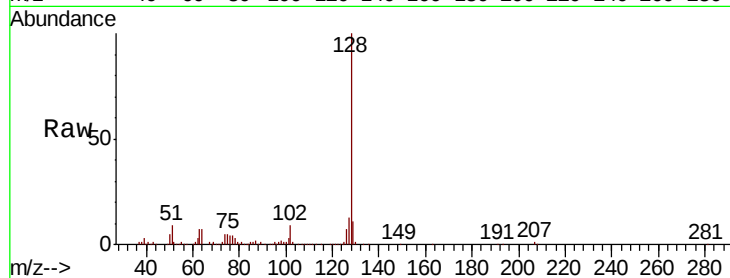




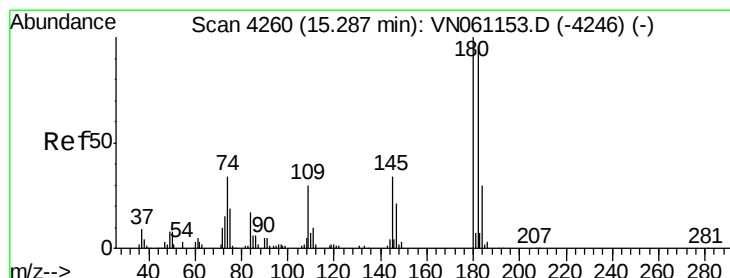
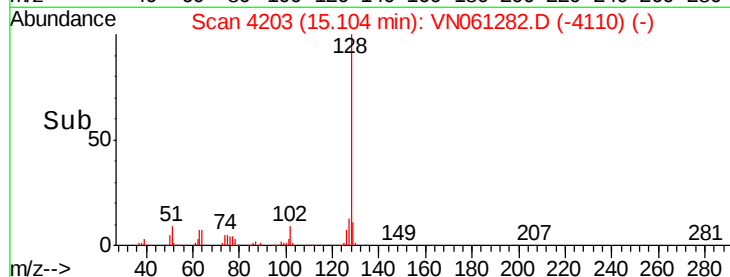
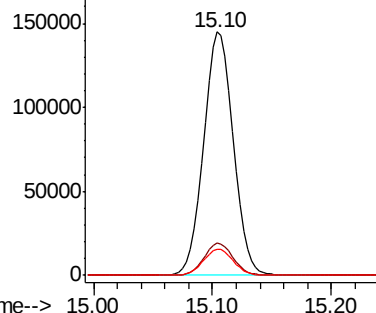
#95
Naphthalene
Concen: 48.694 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 249932
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.7 13.1

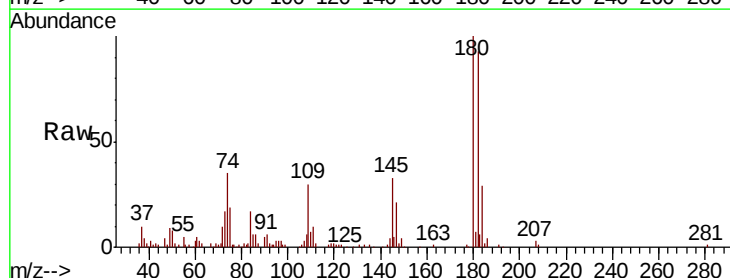


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 43.901 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. 0.00 min
Lab File: VN061282.D
Acq: 4 May 2020 16:49

Tgt Ion:180 Resp: 68311
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 33.9 16.9 50.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

