

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061279.D
 Acq On : 4 May 2020 15:40
 Operator : JC/MD
 Sample : L2467-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 05 03:44:49 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	104955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	182044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	172617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	84917	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	7.55	113	51383	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	10.06	98	225761	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.38	95	85951	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	55181	49.580	ug/l	98
3) Chloromethane	2.03	50	76980	57.109	ug/l	99
4) Vinyl Chloride	2.16	62	84386	55.118	ug/l	100
5) Bromomethane	2.53	94	34678	45.823	ug/l	99
6) Chloroethane	2.67	64	49731	51.248	ug/l	97
7) Trichlorofluoromethane	2.98	101	101056	58.505	ug/l	99
8) Diethyl Ether	3.37	74	40806	56.638	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	57806	51.948	ug/l	99
10) Methyl Iodide	3.91	142	64672	45.223	ug/l	99
11) Tert butyl alcohol	4.73	59	69756	313.559	ug/l	100
12) 1,1-Dichloroethene	3.69	96	57037	51.507	ug/l	99
13) Acrolein	3.56	56	44811	302.263	ug/l	98
14) Allyl chloride	4.27	41	123248	60.026	ug/l	98
15) Acrylonitrile	4.93	53	192085	281.274	ug/l	100
16) Acetone	3.77	43	165519	257.881	ug/l	99
17) Carbon Disulfide	4.01	76	133431	43.620	ug/l	99
18) Methyl Acetate	4.27	43	98437	46.998	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	219906	51.971	ug/l	98
20) Methylene Chloride	4.50	84	66908	51.668	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	62105	51.505	ug/l	99
22) Diisopropyl ether	5.90	45	258174	54.223	ug/l	99
23) Vinyl Acetate	5.84	43	1019663	265.973	ug/l	99
24) 1,1-Dichloroethane	5.80	63	130074	52.287	ug/l	99
25) 2-Butanone	6.78	43	269449	274.194	ug/l	99
26) 2,2-Dichloropropane	6.77	77	106848	50.993	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	73750	52.119	ug/l	99
28) Bromochloromethane	7.15	49	64313	54.544	ug/l	96
29) Tetrahydrofuran	7.17	42	180753	273.055	ug/l	98
30) Chloroform	7.33	83	126300	50.099	ug/l	100
31) Cyclohexane	7.61	56	114069	47.215	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	108816	49.568	ug/l	98
36) 1,1-Dichloropropene	7.75	75	93766	51.453	ug/l	99
37) Ethyl Acetate	6.88	43	112576	52.694	ug/l	98
38) Carbon Tetrachloride	7.73	117	85366	51.281	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)

39) Methylcyclohexane	9.05	83	107084	52.397	ug/l	98
40) Benzene	8.00	78	276451	50.919	ug/l	100
41) Methacrylonitrile	7.17	41	165066	186.089	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	108104	52.560	ug/l	99
43) Isopropyl Acetate	8.13	43	243016	68.540	ug/l #	90
44) Trichloroethene	8.80	130	69439	47.312	ug/l	99
45) 1,2-Dichloropropane	9.09	63	75880	52.314	ug/l	99
46) Dibromomethane	9.18	93	46750	52.055	ug/l	99
47) Bromodichloromethane	9.37	83	101308	52.555	ug/l	98
48) Methyl methacrylate	9.17	41	91380	57.114	ug/l	97
49) 1,4-Dioxane	9.17	88	19261	1060.543	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	578875	277.373	ug/l	99
52) Toluene	10.12	92	169550	51.847	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	114997	52.944	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	119831	52.185	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	68665	52.642	ug/l	99
56) Ethyl methacrylate	10.40	69	111393	49.061	ug/l	99
57) 1,3-Dichloropropane	10.68	76	121643	53.055	ug/l	100
59) 2-Hexanone	10.72	43	429745	283.039	ug/l	99
60) Dibromochloromethane	10.87	129	70659	51.722	ug/l	100
61) 1,2-Dibromoethane	10.98	107	68650	52.510	ug/l	99
64) Tetrachloroethene	10.60	164	68297	45.682	ug/l	98
65) Chlorobenzene	11.41	112	173384	50.636	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	64623	52.731	ug/l	99
67) Ethyl Benzene	11.48	91	332217	51.828	ug/l	100
68) m/p-Xylenes	11.60	106	242608	103.403	ug/l	98
69) o-Xylene	11.92	106	114973	51.015	ug/l	97
70) Stvrene	11.94	104	198449	52.611	ug/l	99
71) Bromoform	12.10	173	48668	54.033	ug/l #	100
73) Isopropylbenzene	12.22	105	318448	51.847	ug/l	100
74) N-amyl acetate	12.05	43	162616	52.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	102107	53.314	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	141079	80.093	ug/l #	100
77) Bromobenzene	12.50	156	71998	50.779	ug/l	97
78) n-propylbenzene	12.57	91	382852	52.552	ug/l	100
79) 2-Chlorotoluene	12.65	91	222012	51.847	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	268585	52.834	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	36666	52.862	ug/l	94
82) 4-Chlorotoluene	12.75	91	236051	52.303	ug/l	98
83) tert-Butylbenzene	12.97	119	236050	55.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	271206	51.782	ug/l	99
85) sec-Butylbenzene	13.15	105	311724	53.340	ug/l	100
86) p-Isopropyltoluene	13.26	119	276405	52.494	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	133901	51.300	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	135227	50.705	ug/l	99
89) n-Butylbenzene	13.59	91	265683	55.040	ug/l	99
90) Hexachloroethane	13.85	117	33219	58.885	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	129316	51.670	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21569	53.324	ug/l	99
93) 1,2,4-Trichlorobenzene	14.89	180	77884	51.104	ug/l	98

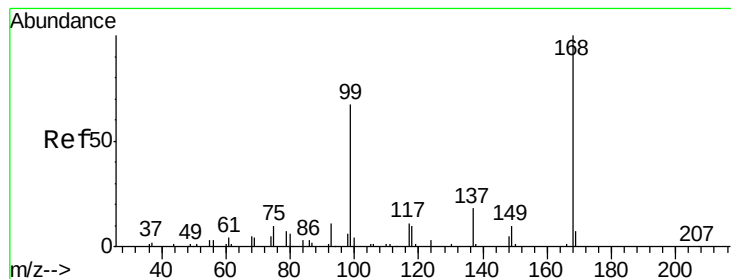
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	34070	53.511	ug/l	98
95) Naphthalene	15.11	128	253838	51.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	76901	51.108	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

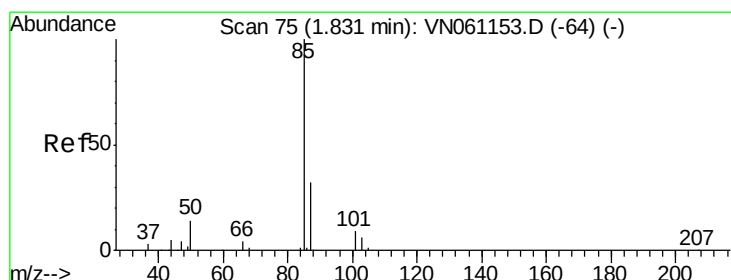
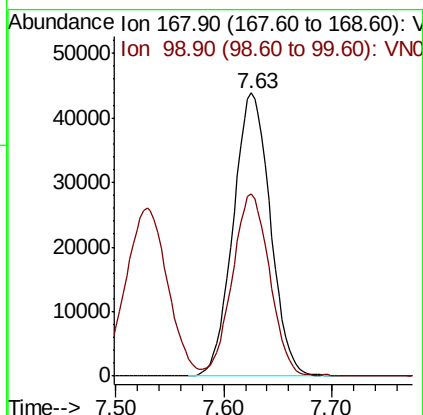
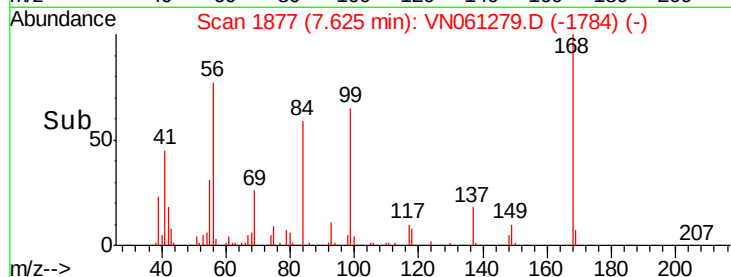
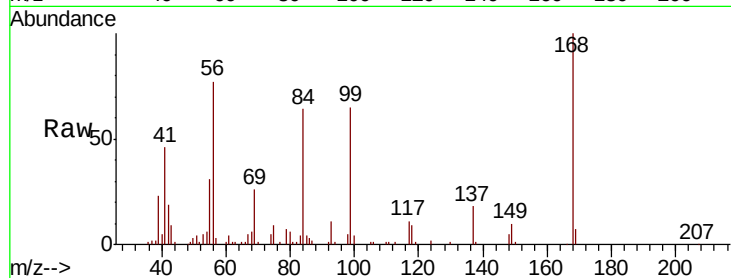
ClientSampleId :

Tot Ion:168 Resp: 104955

Ion Ratio Lower Upper

168 100

99 64.5 51.2 76.8



#2

Dichlorodifluoromethane

Concen: 49.580 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061279.D

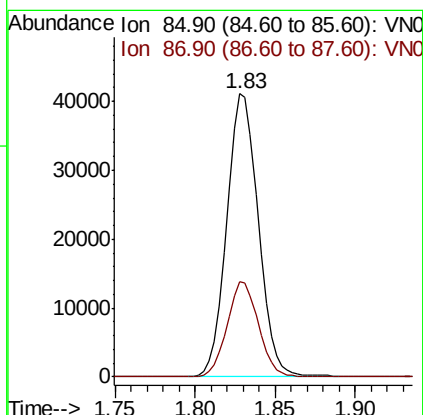
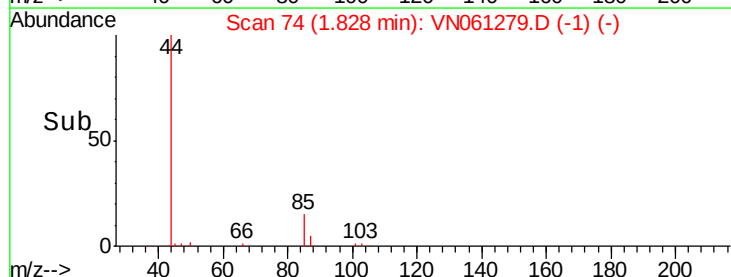
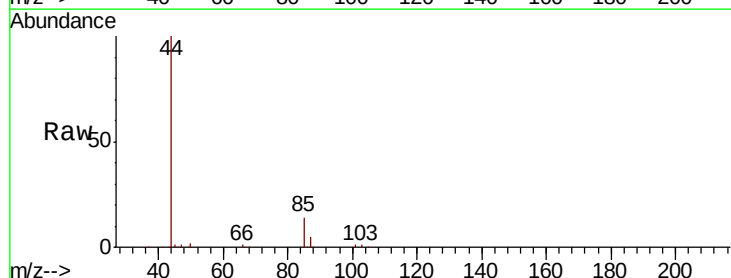
Acq: 4 May 2020 15:40

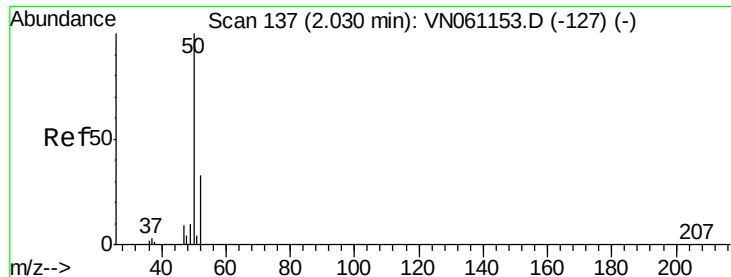
Tgt Ion: 85 Resp: 55181

Ion Ratio Lower Upper

85 100

87 33.4 16.1 48.2





#3

Chloromethane

Concen: 57.109 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

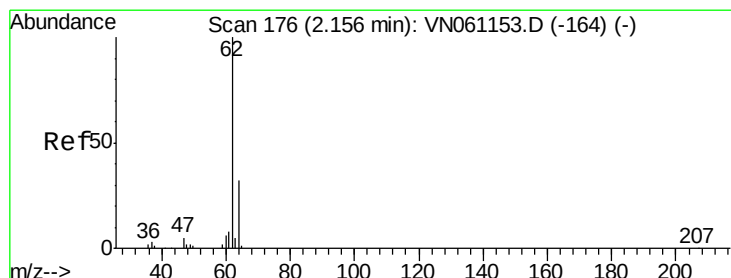
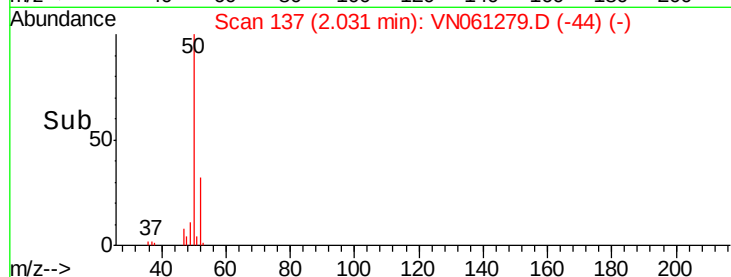
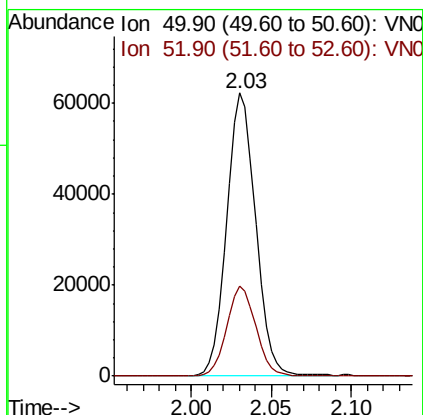
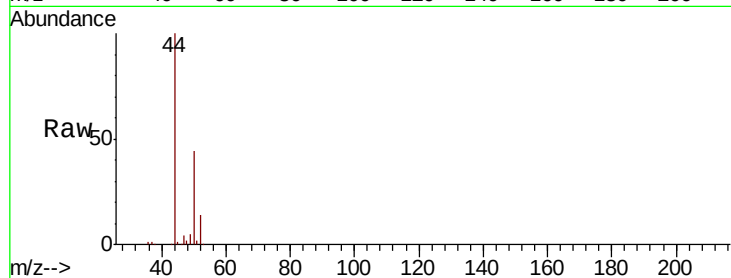
ClientSampleId :

Tot Ion: 50 Resp: 76980

Ion Ratio Lower Upper

50 100

52 31.7 26.0 39.0



#4

Vinyl Chloride

Concen: 55.118 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061279.D

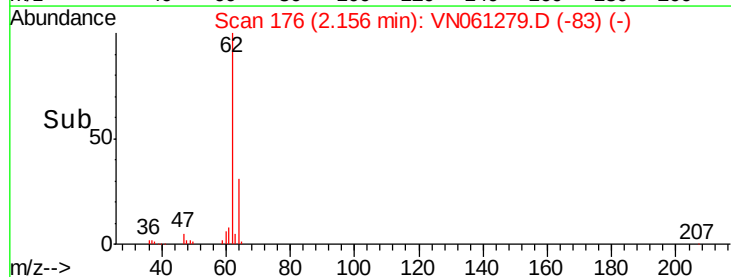
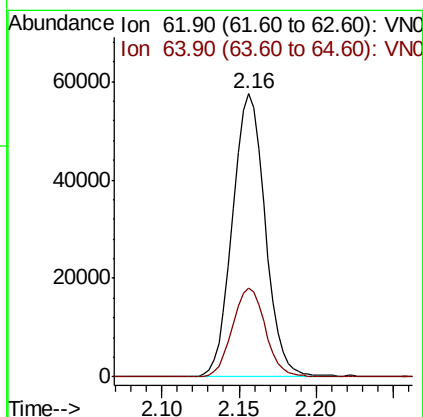
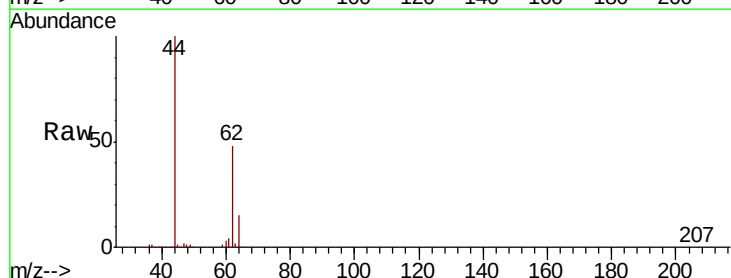
Acq: 4 May 2020 15:40

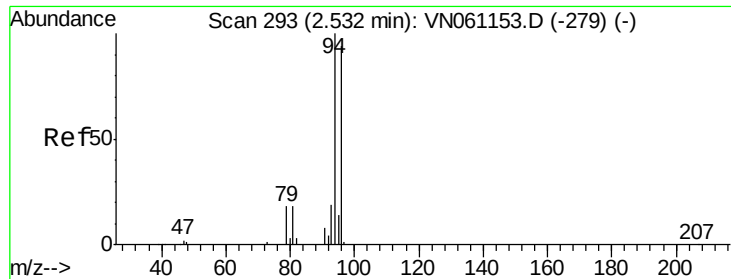
Tgt Ion: 62 Resp: 84386

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 45.823 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

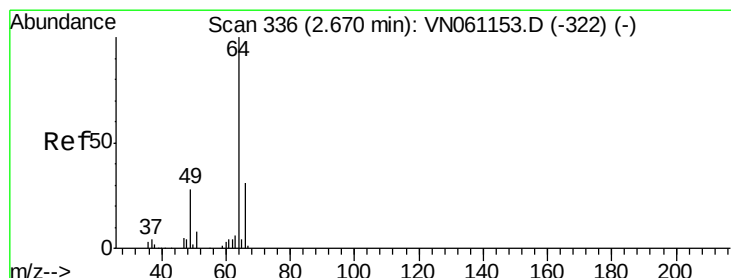
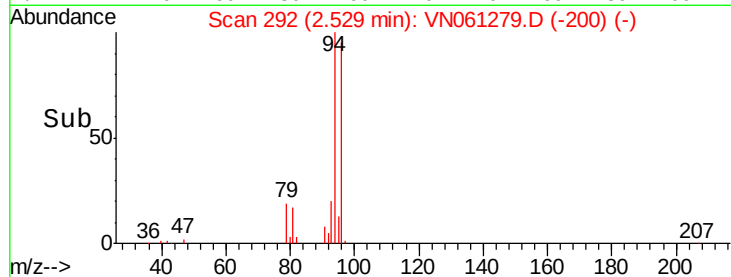
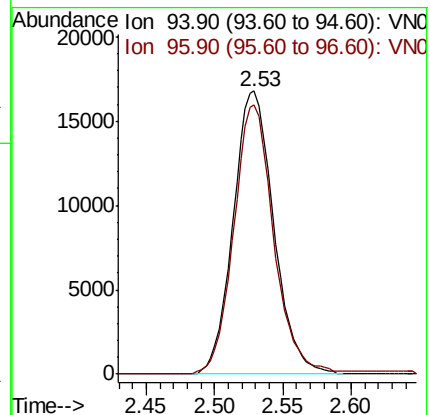
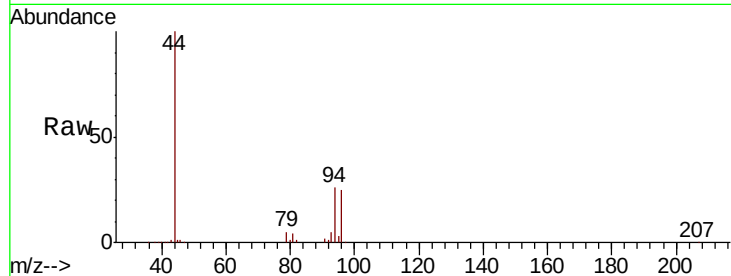
ClientSampleId :

Tot Ion: 94 Resp: 34678

Ion Ratio Lower Upper

94 100

96 95.3 75.1 112.7



#6

Chloroethane

Concen: 51.248 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061279.D

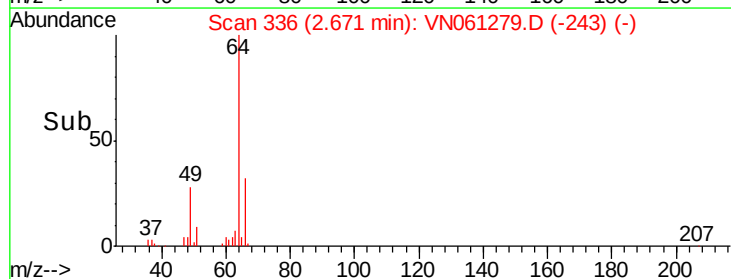
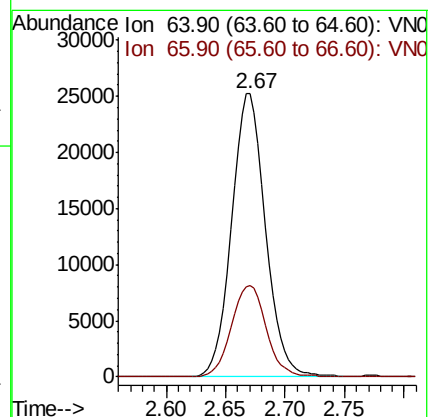
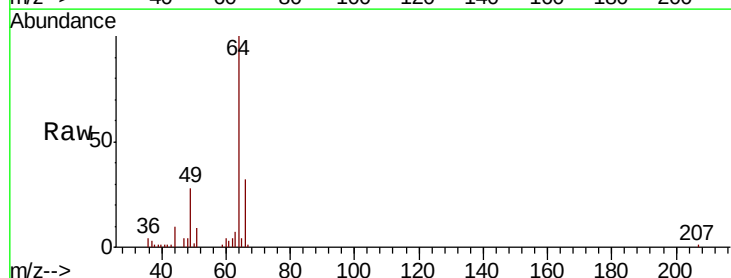
Acq: 4 May 2020 15:40

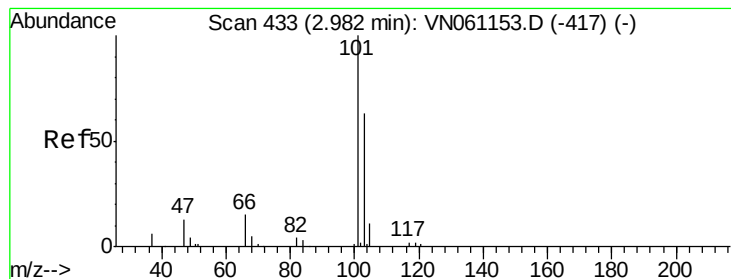
Tgt Ion: 64 Resp: 49731

Ion Ratio Lower Upper

64 100

66 32.3 24.6 36.8



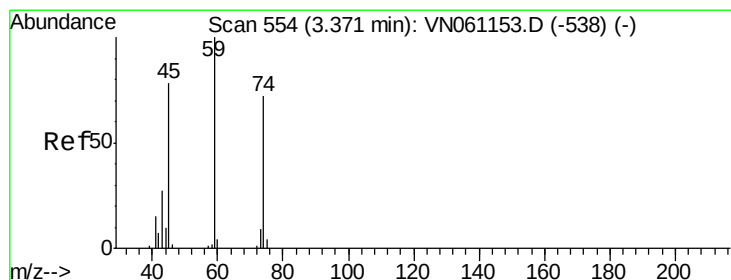
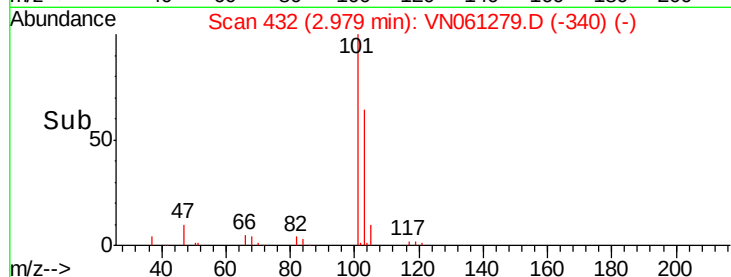
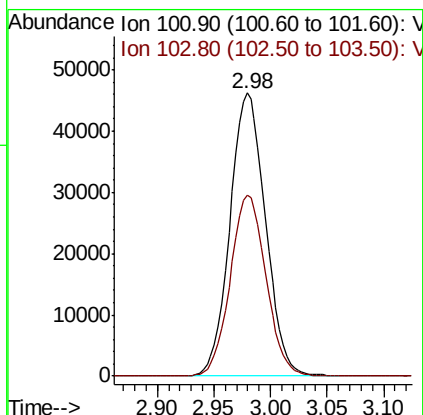
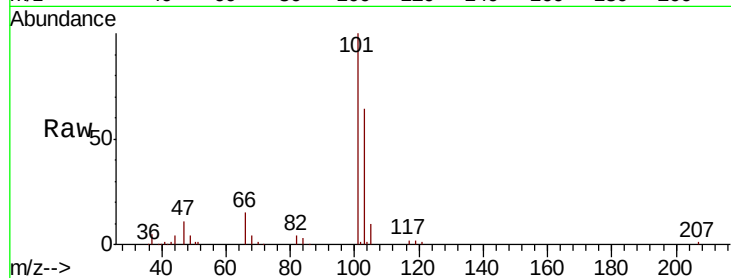


#7

Trichlorofluoromethane
 Concen: 58.505 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Instrument :
 MSVOA_N
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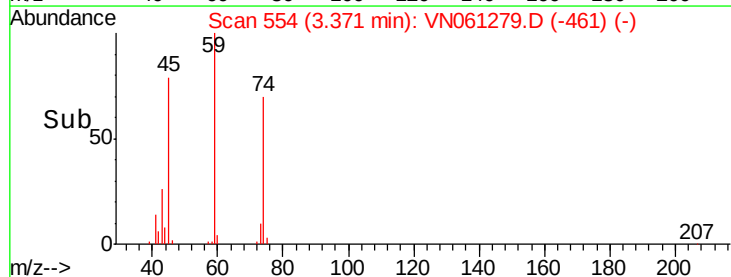
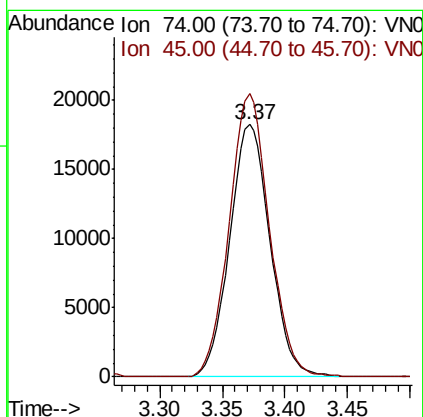
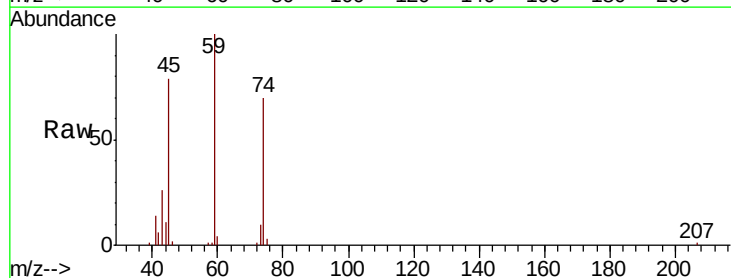
Tot Ion:101 Resp: 101056
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.6 76.0

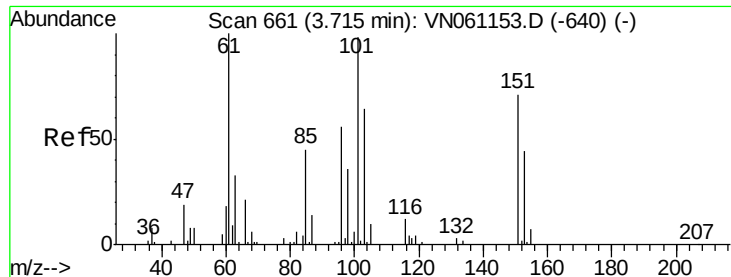


#8

Diethyl Ether
 Concen: 56.638 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion: 74 Resp: 40806
 Ion Ratio Lower Upper
 74 100
 45 111.9 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.948 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampled :

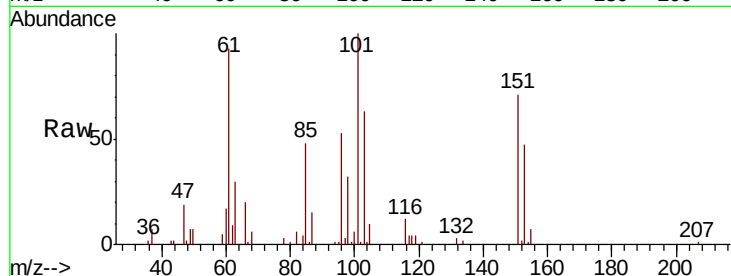
Tot Ion:101 Resp: 57806

Ion Ratio Lower Upper

101 100

85 47.8 37.2 55.8

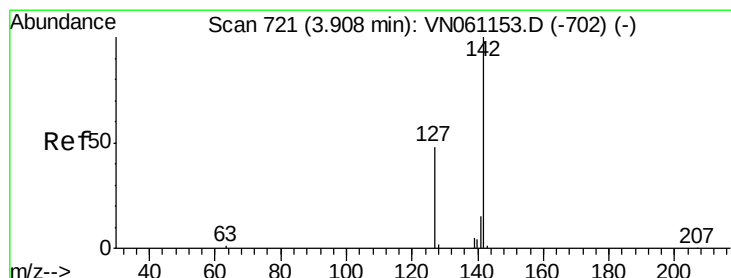
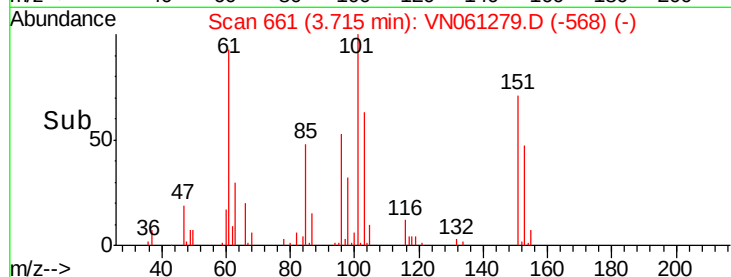
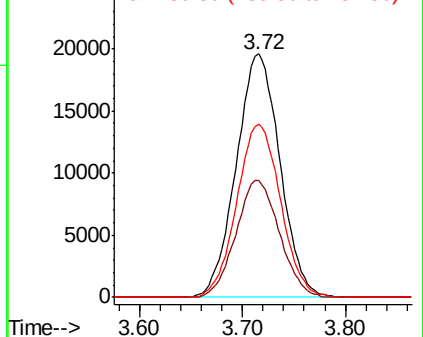
151 71.2 57.7 86.5



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: 45.223 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

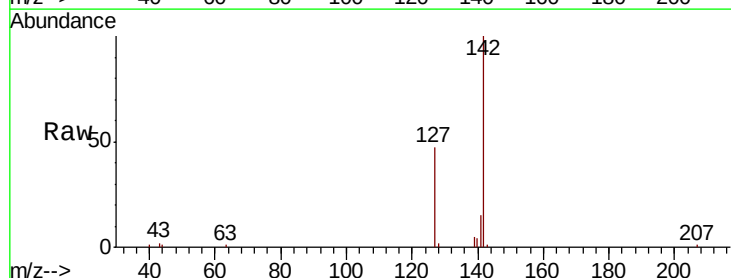
Tgt Ion:142 Resp: 64672

Ion Ratio Lower Upper

142 100

127 47.1 38.0 57.0

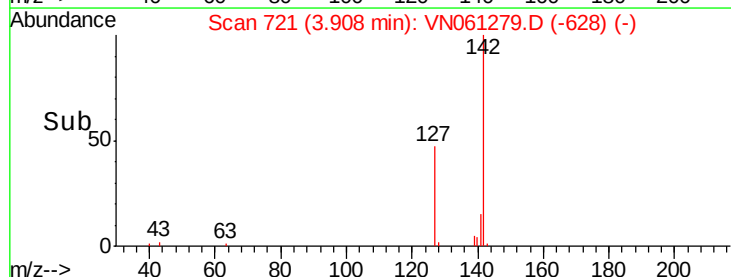
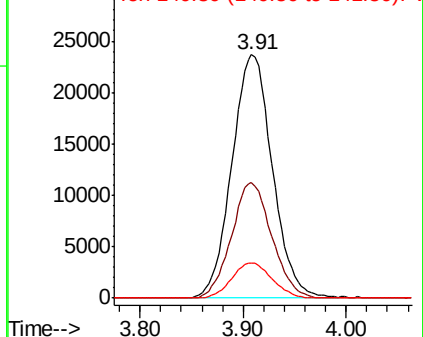
141 14.3 11.7 17.5

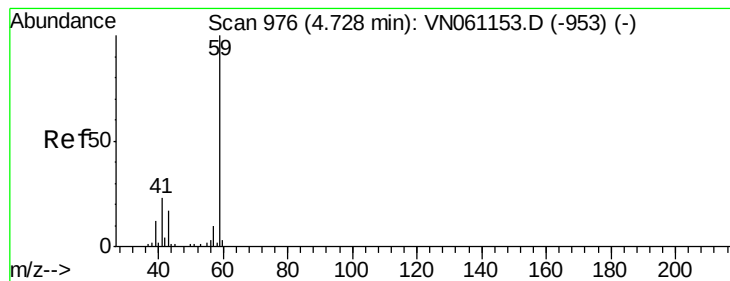


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



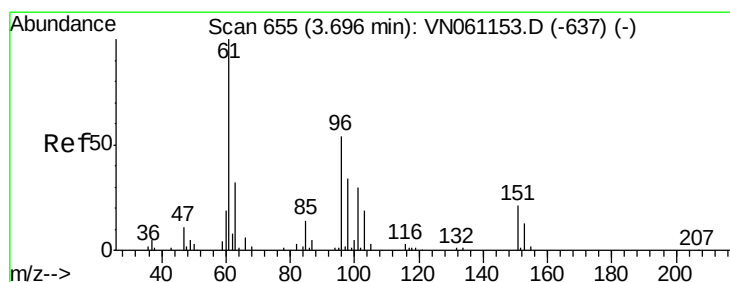
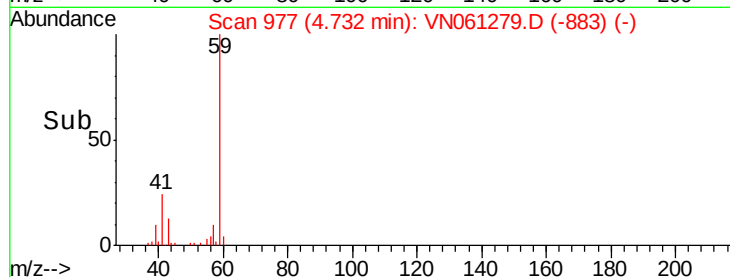
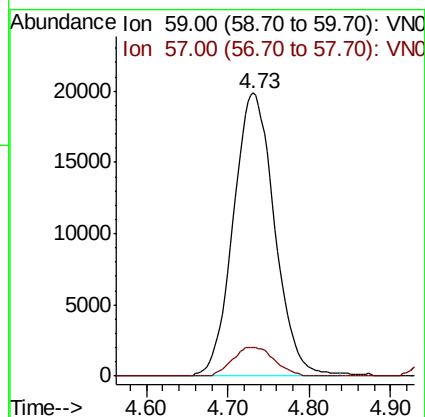
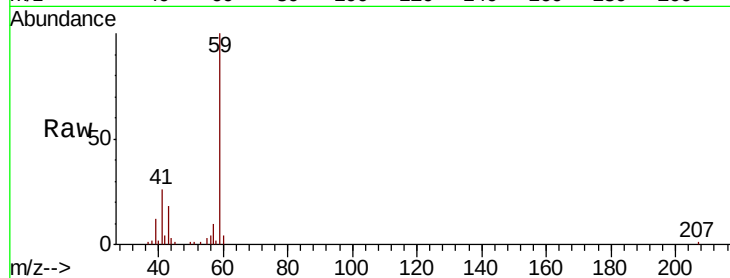


#11

Tert butyl alcohol
Concen: 313.559 ug/l
RT: 4.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :

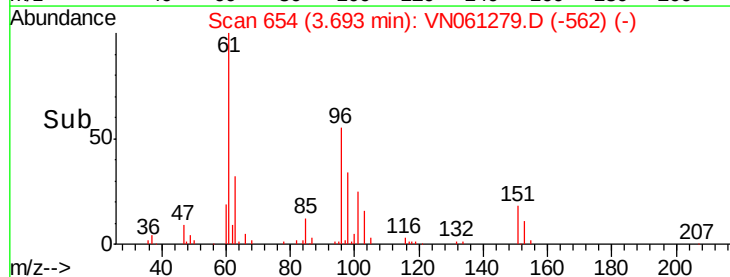
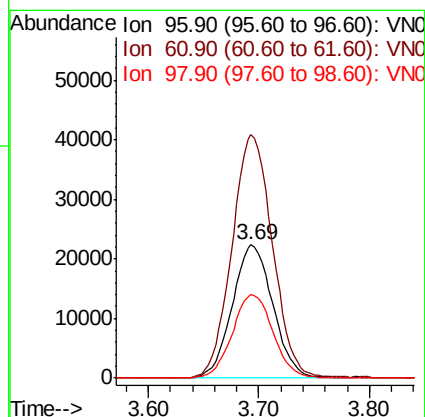
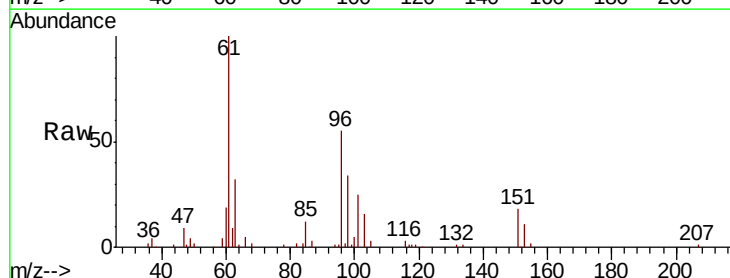
Tot Ion: 59 Resp: 69756
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

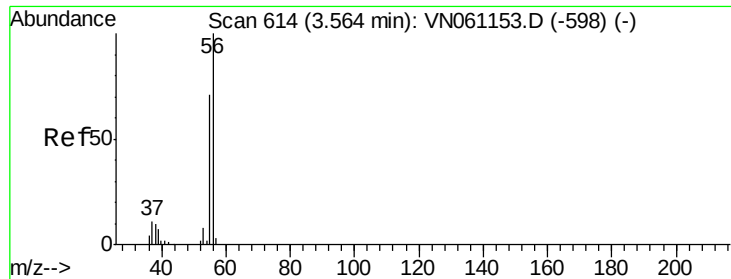


#12

1,1-Dichloroethene
Concen: 51.507 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 96 Resp: 57037
Ion Ratio Lower Upper
96 100
61 182.3 147.0 220.6
98 62.4 49.8 74.6





#13

Acrolein

Concen: 302.263 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

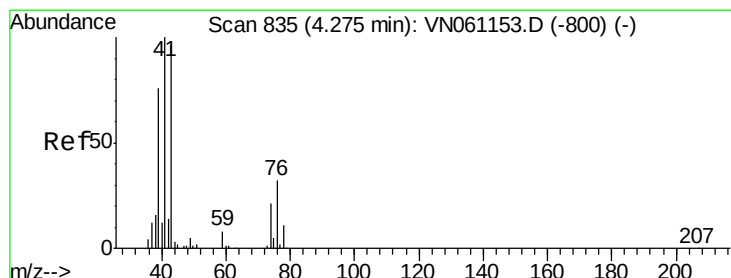
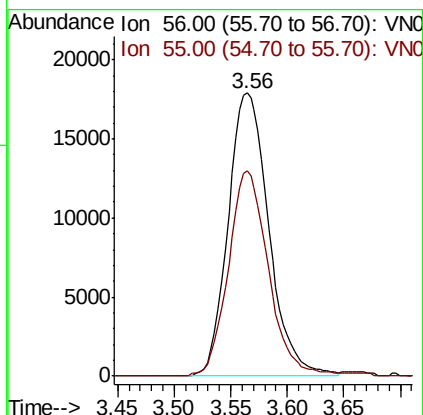
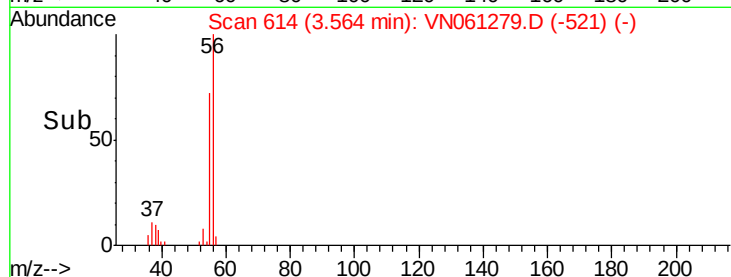
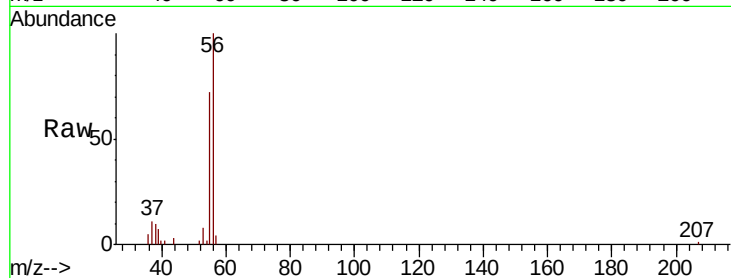
ClientSampled :

Tot Ion: 56 Resp: 44811

Ion Ratio Lower Upper

56 100

55 71.3 58.5 87.7



#14

Allyl chloride

Concen: 60.026 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

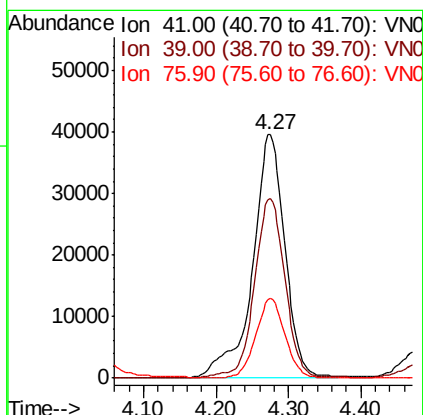
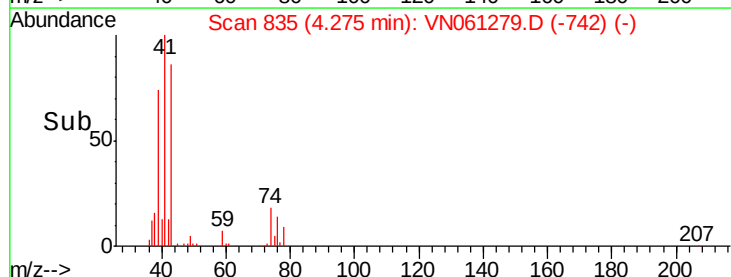
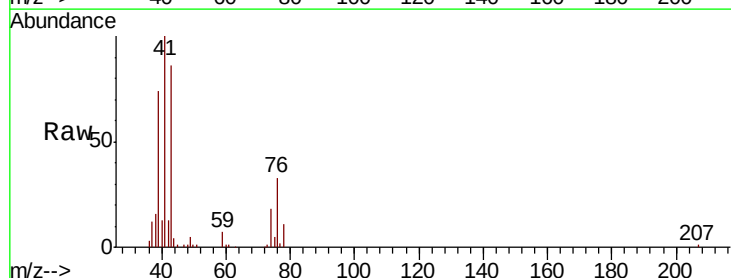
Tgt Ion: 41 Resp: 123248

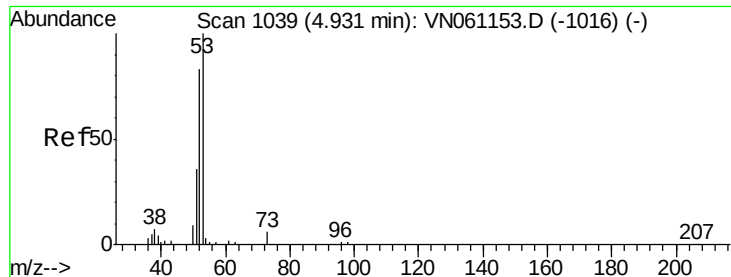
Ion Ratio Lower Upper

41 100

39 69.4 57.1 85.7

76 29.3 24.3 36.5





#15

Acrylonitrile

Concen: 281.274 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampled :

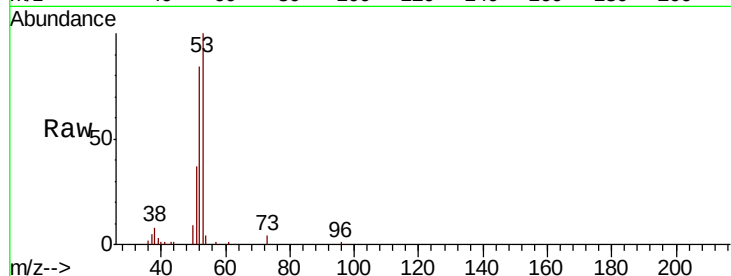
Tot Ion: 53 Resp: 192085

Ion Ratio Lower Upper

53 100

52 81.4 65.4 98.0

51 36.5 29.5 44.3

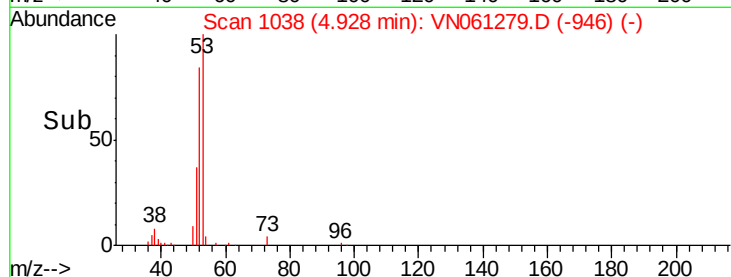


Abundance Ion 53.00 (52.70 to 53.70): VN061153.D (-1016) (-)

Ion 52.00 (51.70 to 52.70): VN061153.D (-1016) (-)

Ion 51.00 (50.70 to 51.70): VN061153.D (-1016) (-)

Time-->

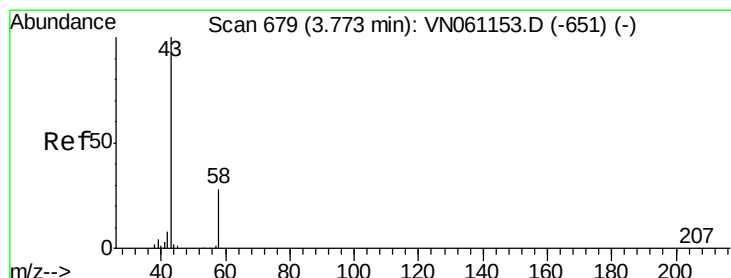


Abundance Ion 53.00 (52.70 to 53.70): VN061279.D (-946) (-)

Ion 52.00 (51.70 to 52.70): VN061279.D (-946) (-)

Ion 51.00 (50.70 to 51.70): VN061279.D (-946) (-)

Time-->



#16

Acetone

Concen: 257.881 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061279.D

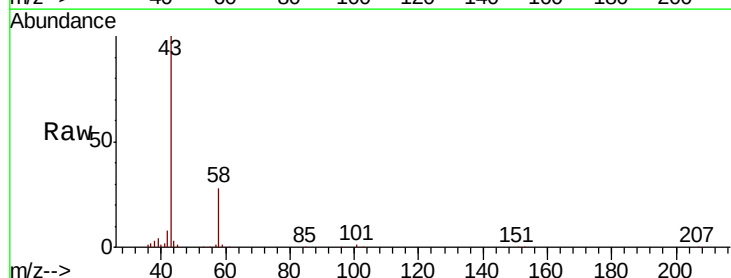
Acq: 4 May 2020 15:40

Tgt Ion: 43 Resp: 165519

Ion Ratio Lower Upper

43 100

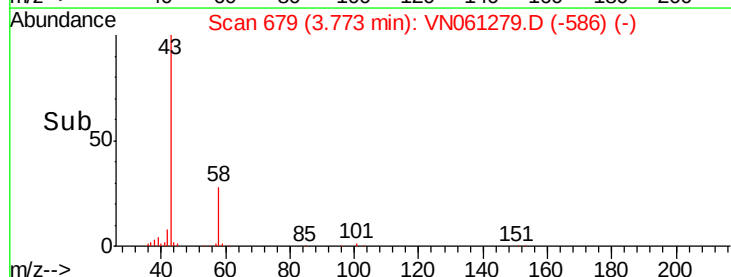
58 28.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-651) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-651) (-)

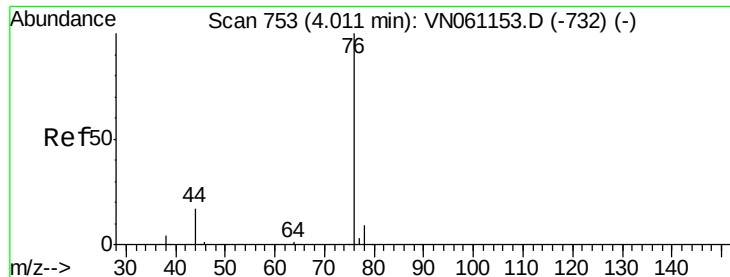
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN061279.D (-586) (-)

Ion 58.00 (57.70 to 58.70): VN061279.D (-586) (-)

Time-->



#17

Carbon Disulfide

Concen: 43.620 ug/l

RT: 4.01 min Scan# 753

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

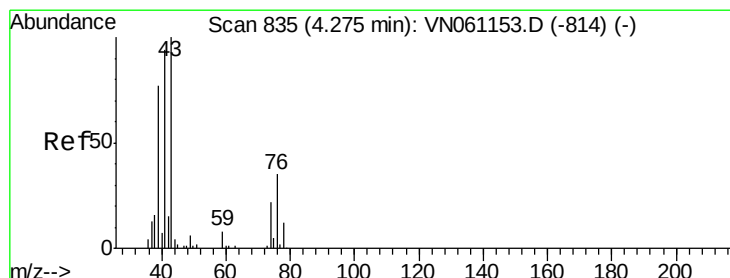
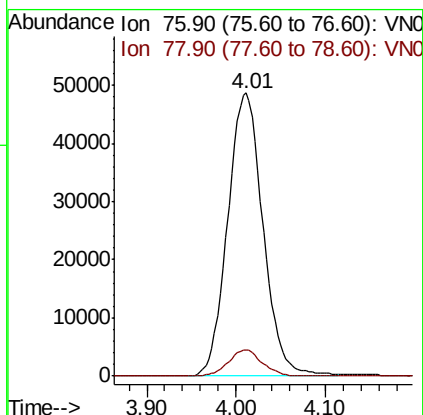
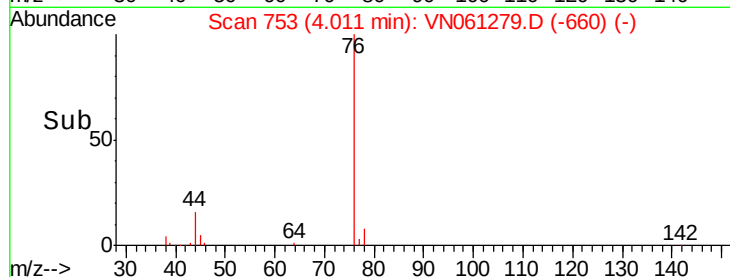
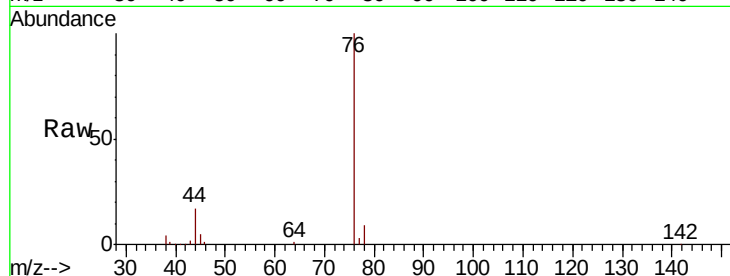
ClientSampled :

Tot Ion: 76 Resp: 133431

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 46.998 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061279.D

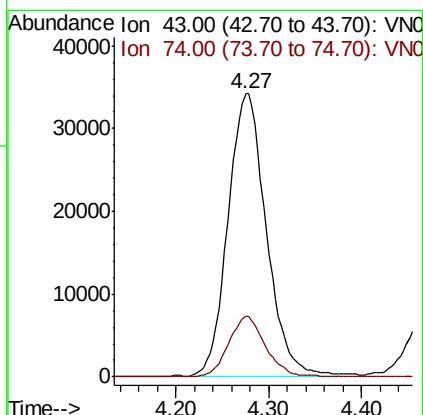
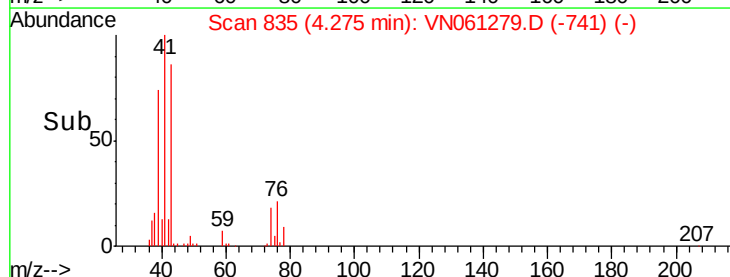
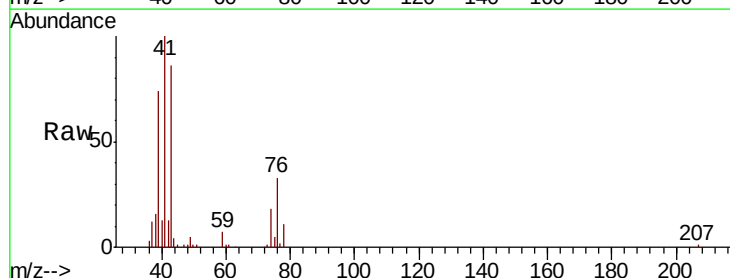
Acq: 4 May 2020 15:40

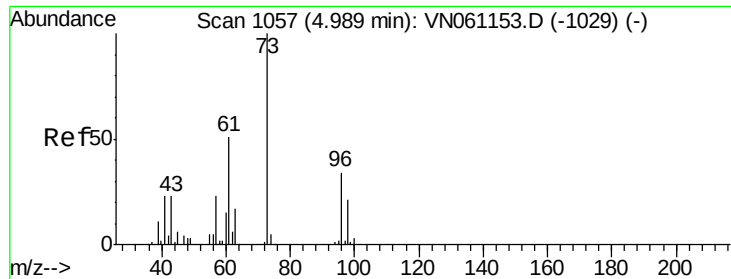
Tgt Ion: 43 Resp: 98437

Ion Ratio Lower Upper

43 100

74 20.5 17.0 25.4

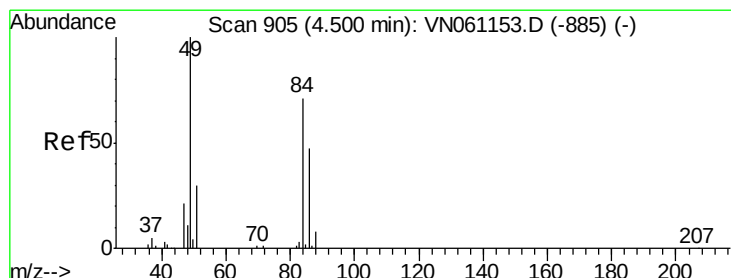
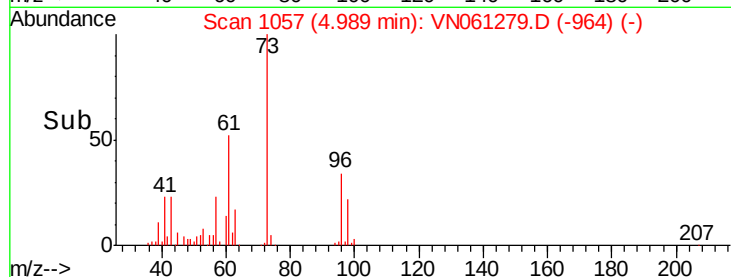
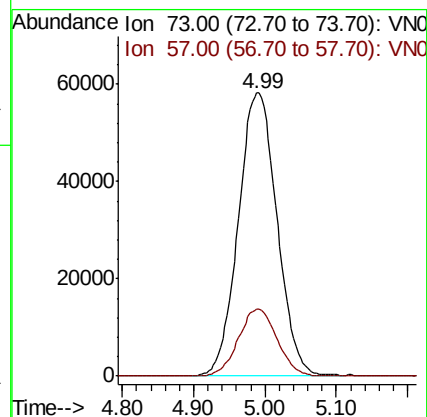
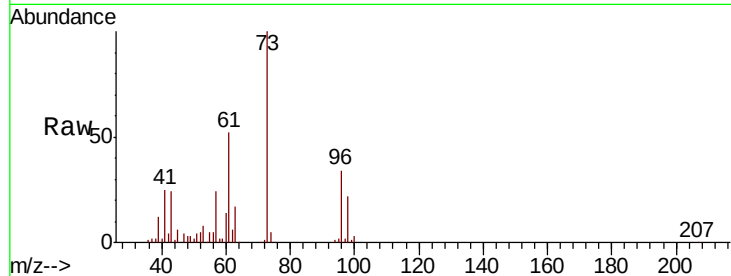




#19
Methvl tert-butyl Ether
Concen: 51.971 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

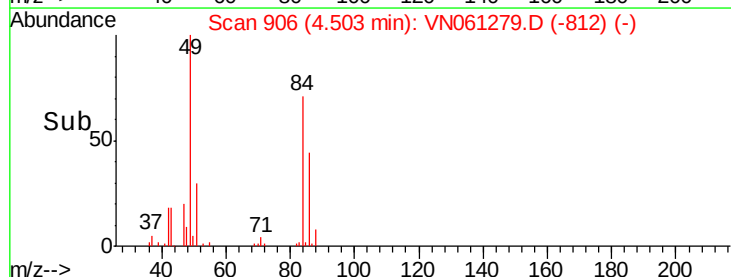
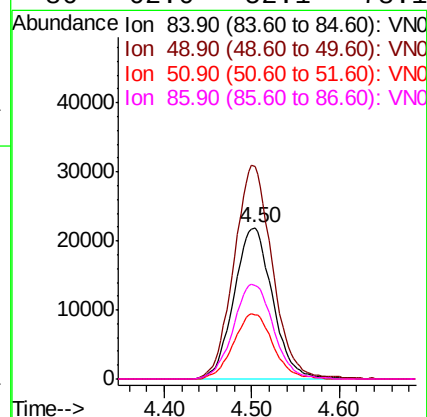
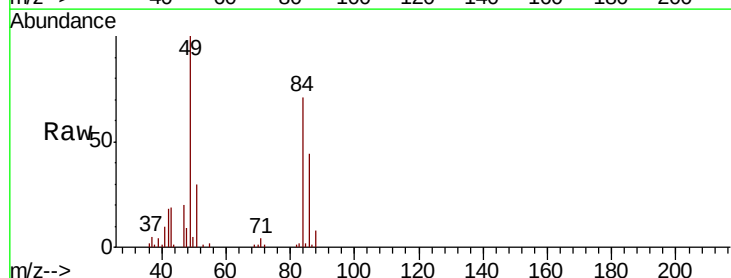
Instrument :
MSVOA_N
ClientSampleId :

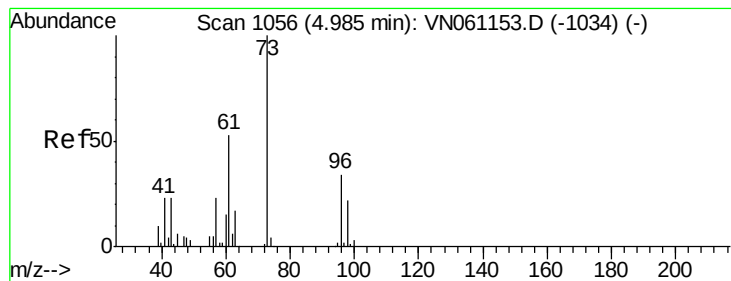
Tot Ion: 73 Resp: 219906
Ion Ratio Lower Upper
73 100
57 23.8 18.3 27.5



#20
Methylene Chloride
Concen: 51.668 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 84 Resp: 66908
Ion Ratio Lower Upper
84 100
49 140.8 112.0 168.0
51 42.7 33.6 50.4
86 62.0 52.1 78.1



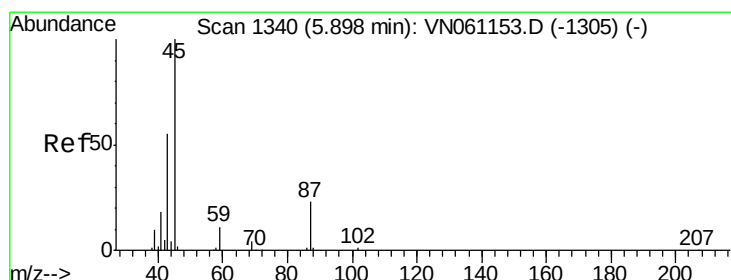
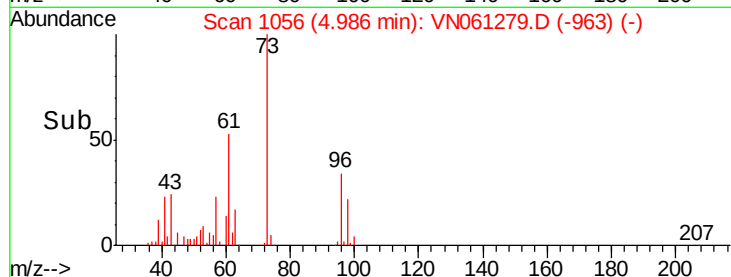
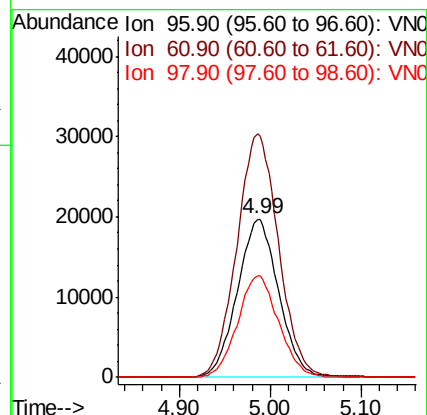
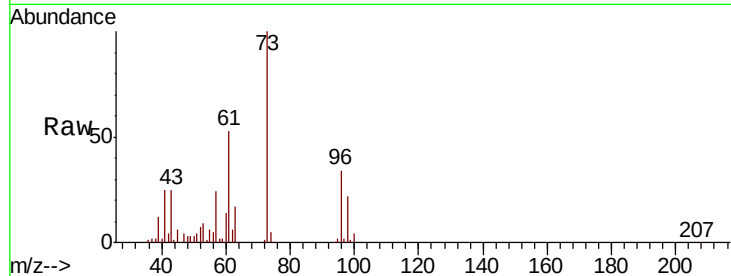


#21

trans-1,2-Dichloroethene
Concen: 51.505 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampled :

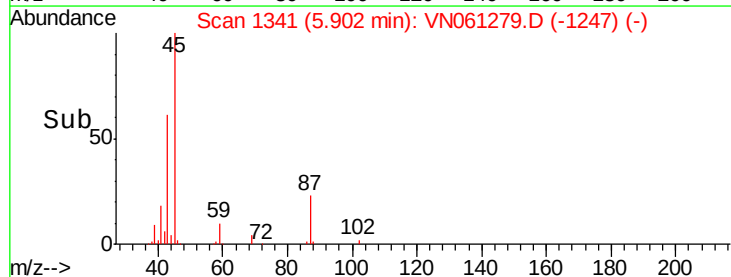
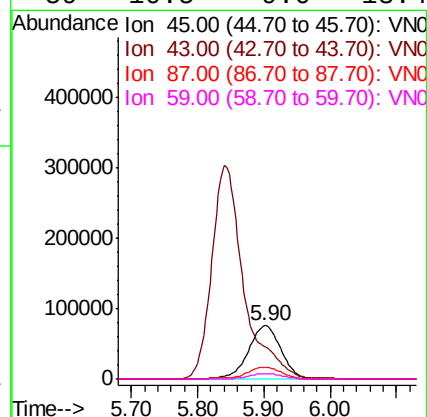
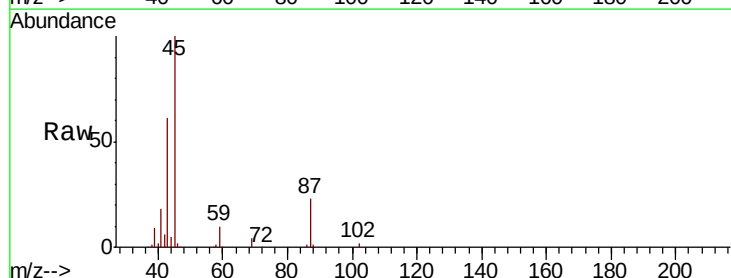
Tot Ion: 96 Resp: 62105
Ion Ratio Lower Upper
96 100
61 153.8 123.0 184.4
98 64.3 50.1 75.1

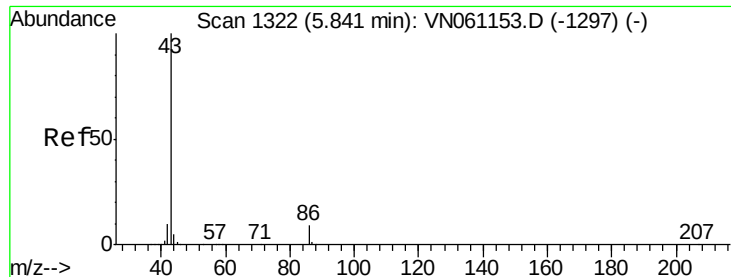


#22

Diisopropyl ether
Concen: 54.223 ug/l
RT: 5.90 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 45 Resp: 258174
Ion Ratio Lower Upper
45 100
43 60.0 47.9 71.9
87 22.9 19.2 28.8
59 10.5 9.0 13.4

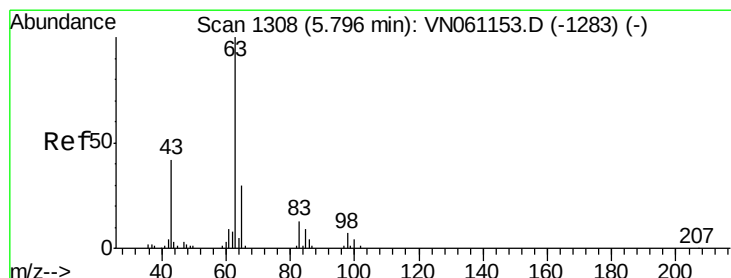
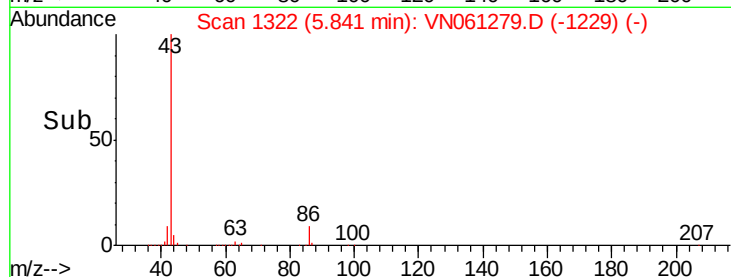
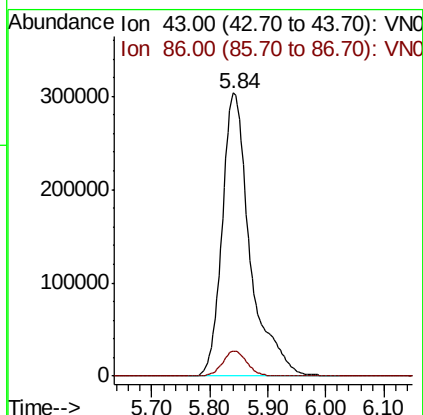
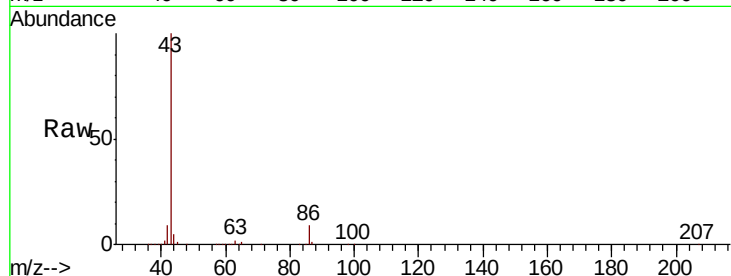




#23
 Vinyl Acetate
 Concen: 265.973 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

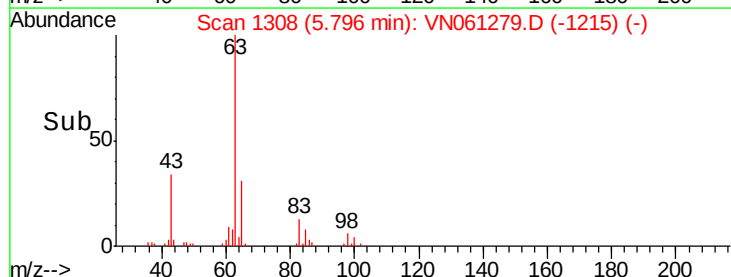
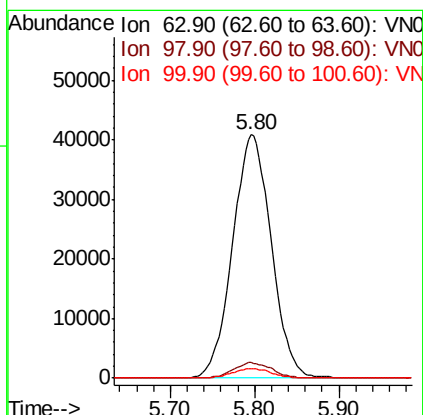
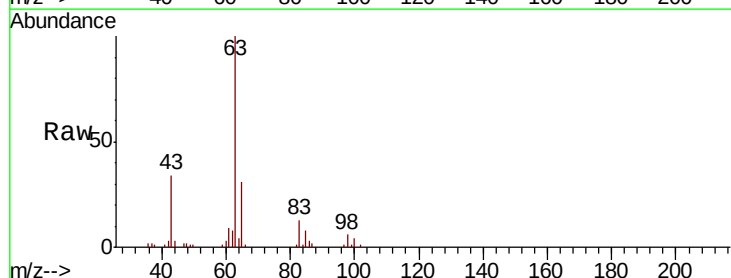
Instrument :
 MSVOA_N
 ClientSampleId :

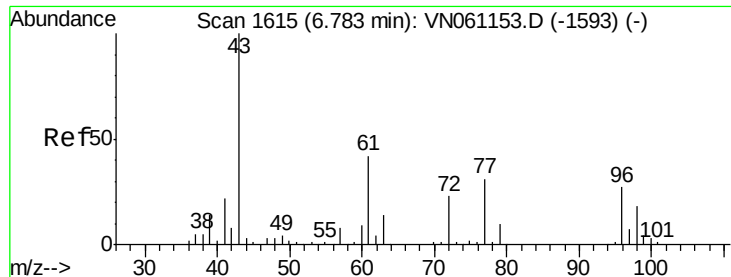
Tot Ion: 43 Resp: 1019663
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 52.287 ug/l
 RT: 5.80 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion: 63 Resp: 130074
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.8 1.9 5.7

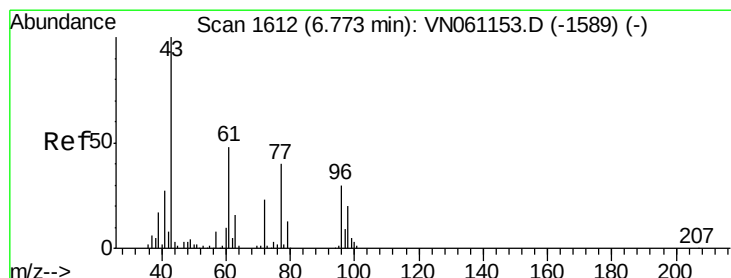
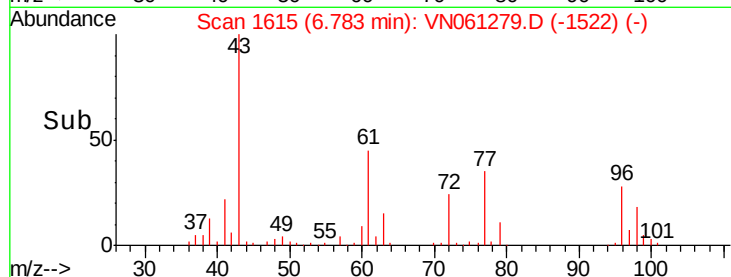
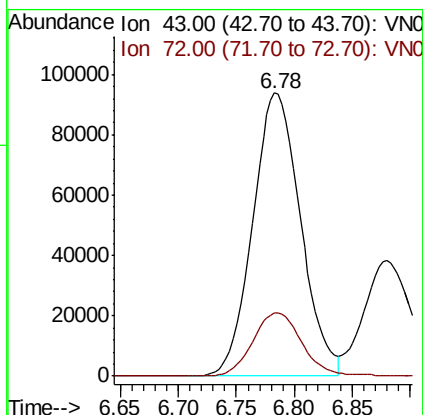
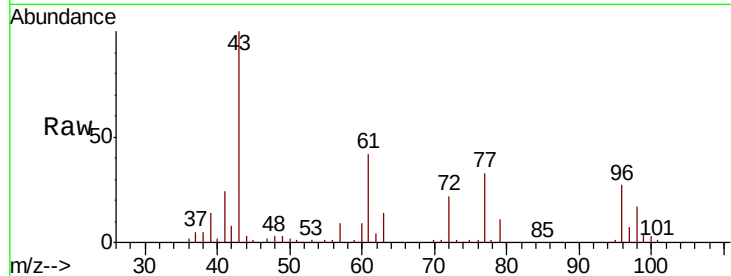




#25
2-Butanone
Concen: 274.194 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

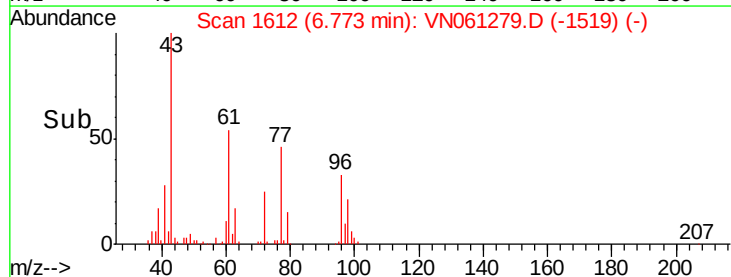
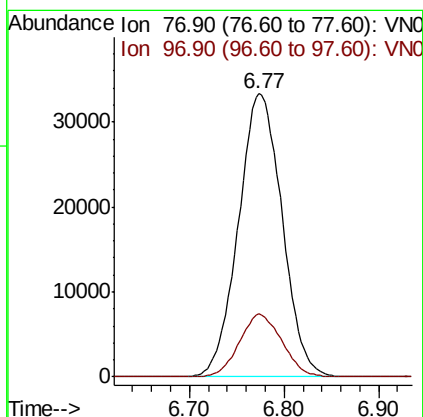
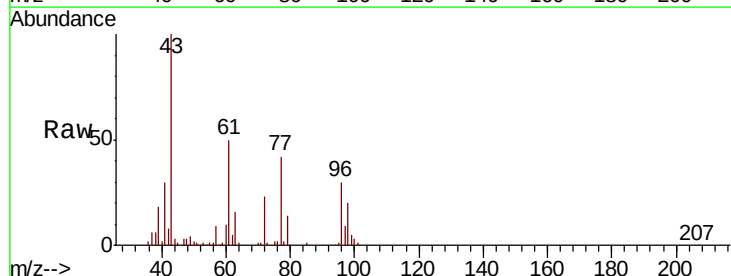
Instrument :
MSVOA_N
ClientSampled :

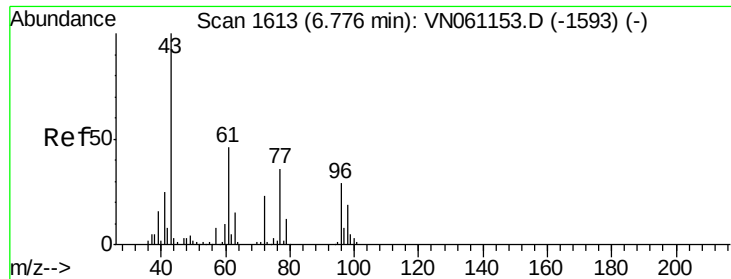
Tot Ion: 43 Resp: 269449
Ion Ratio Lower Upper
43 100
72 22.2 18.2 27.4



#26
2,2-Dichloropropane
Concen: 50.993 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 77 Resp: 106848
Ion Ratio Lower Upper
77 100
97 21.5 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 52.119 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

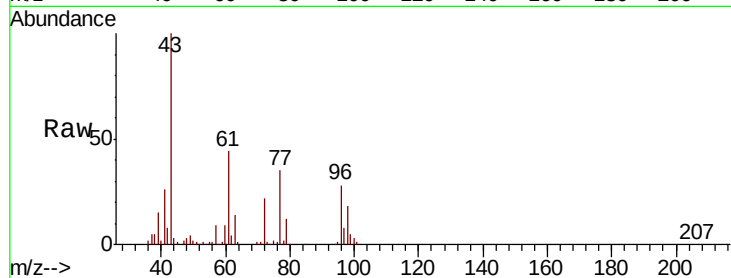
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 96 Resp: 73750

Ion	Ratio	Lower	Upper
96	100		
61	163.4	0.0	322.0
98	64.2	0.0	129.6

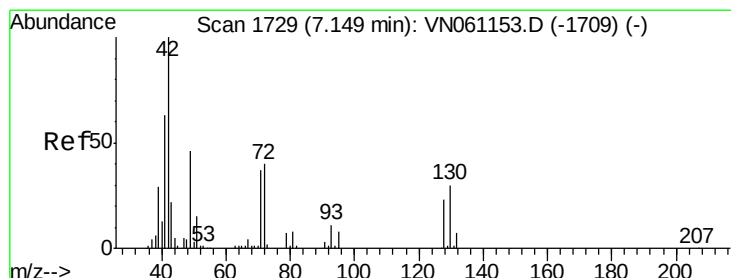
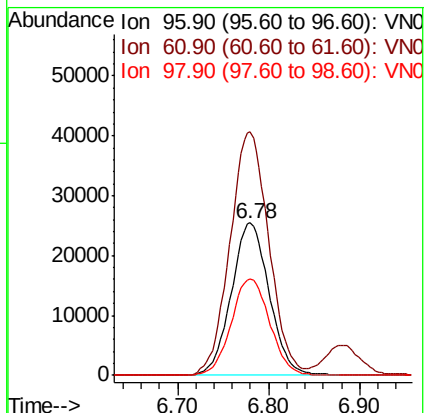
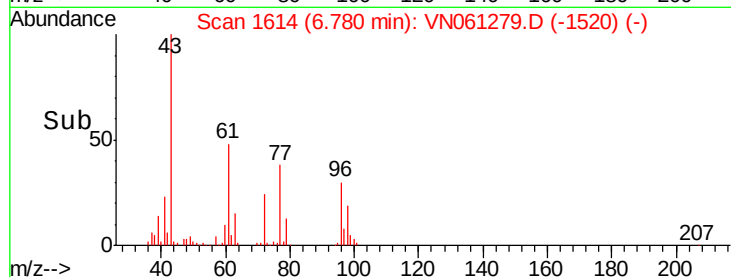


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 54.544 ug/l

RT: 7.15 min Scan# 1729

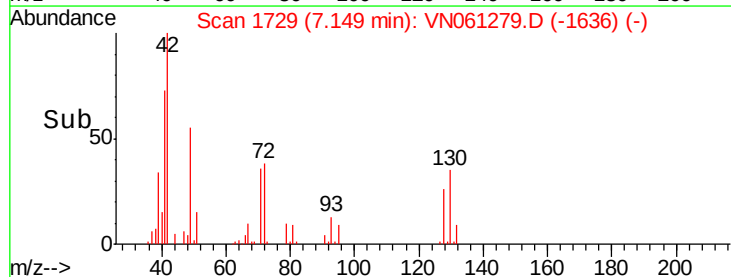
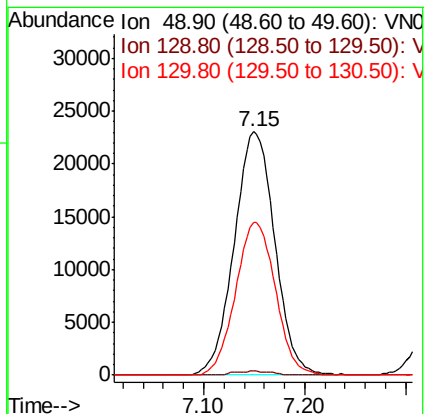
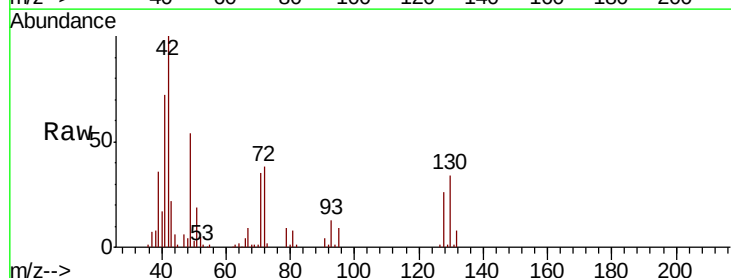
Delta R.T. 0.00 min

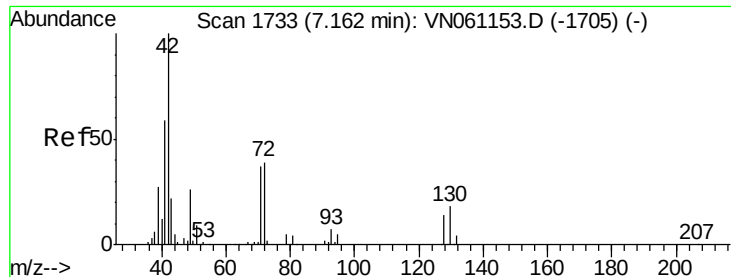
Lab File: VN061279.D

Acq: 4 May 2020 15:40

Tgt Ion: 49 Resp: 64313

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	61.4	51.4	77.2

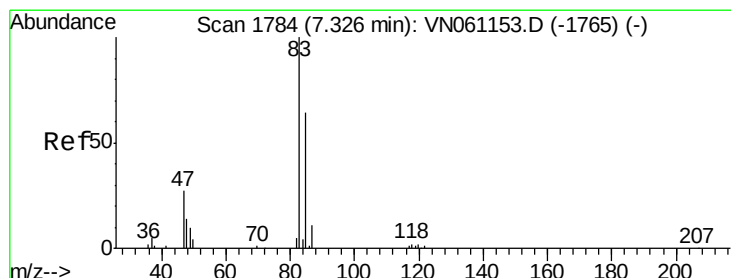
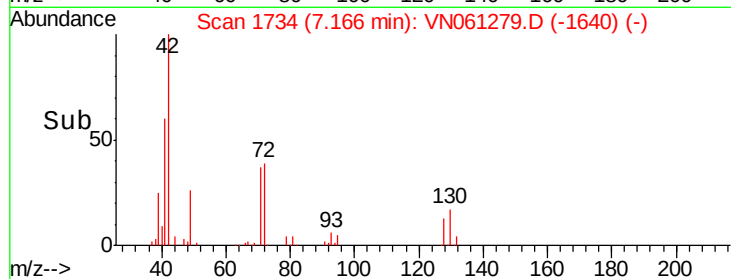
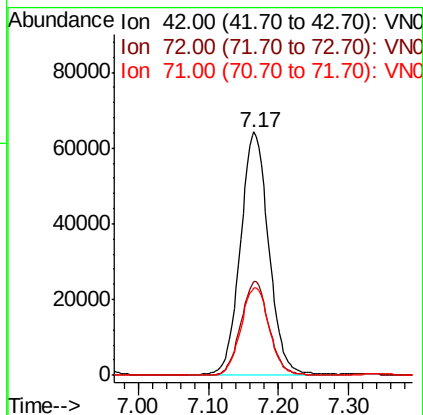
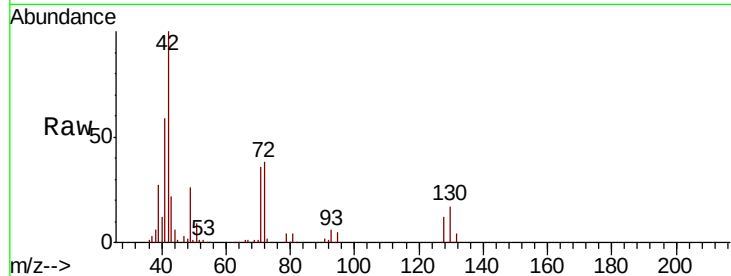




#29
Tetrahydrofuran
Concen: 273.055 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

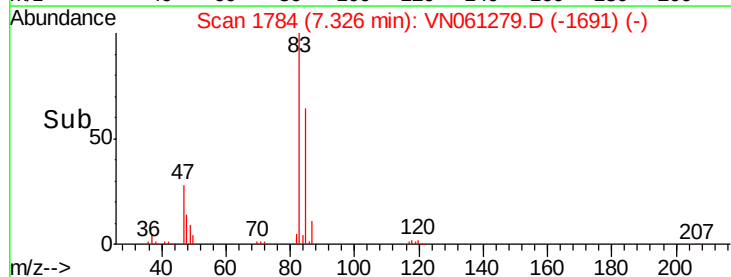
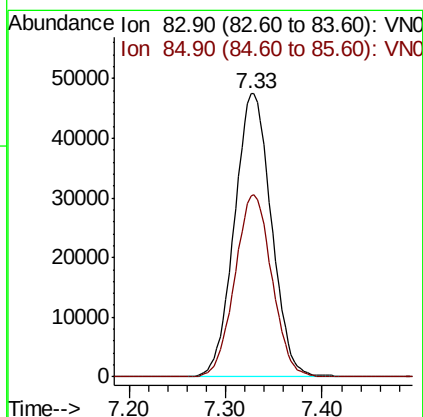
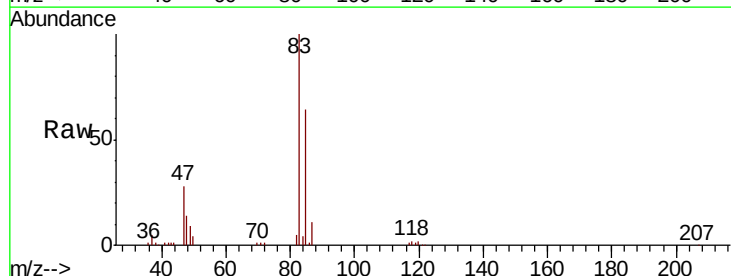
Instrument :
MSVOA_N
ClientSampleId :

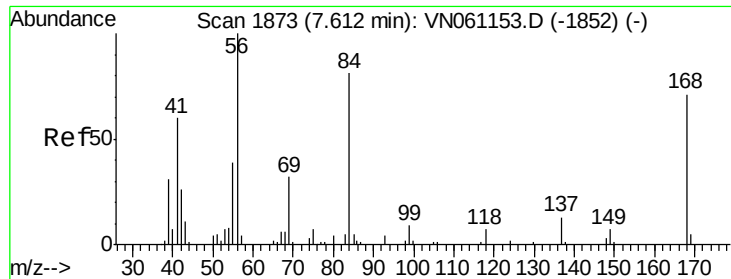
Tot Ion: 42 Resp: 180753
Ion Ratio Lower Upper
42 100
72 37.9 31.4 47.0
71 36.0 29.5 44.3



#30
Chloroform
Concen: 50.099 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 83 Resp: 126300
Ion Ratio Lower Upper
83 100
85 64.0 51.1 76.7

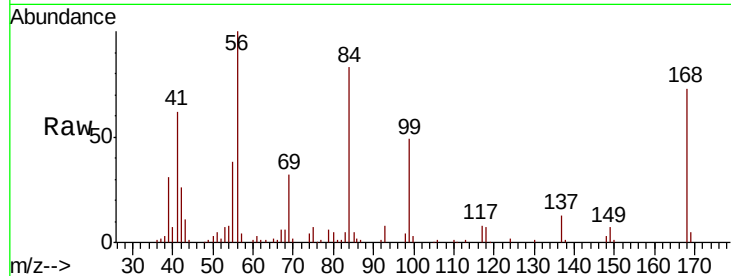




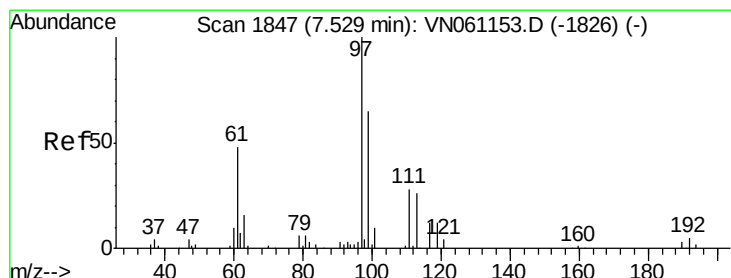
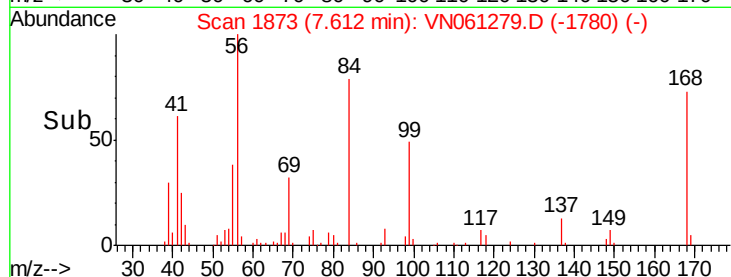
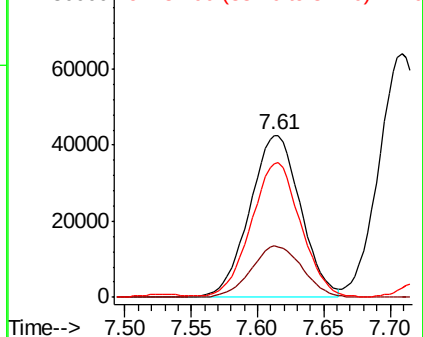
#31
Cyclohexane
Concen: 47.215 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 114069
Ion Ratio Lower Upper
56 100
69 31.7 25.7 38.5
84 81.5 64.6 97.0

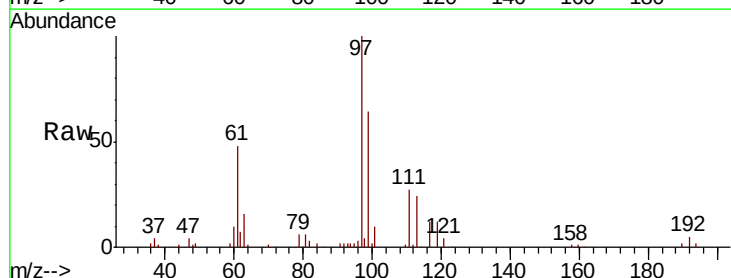


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

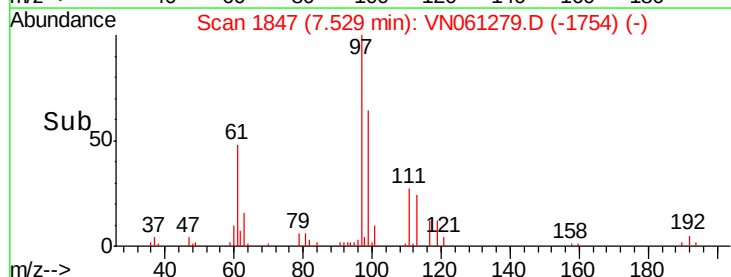
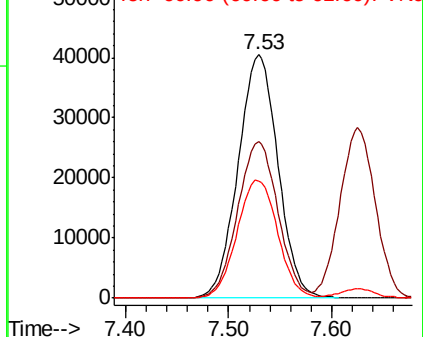


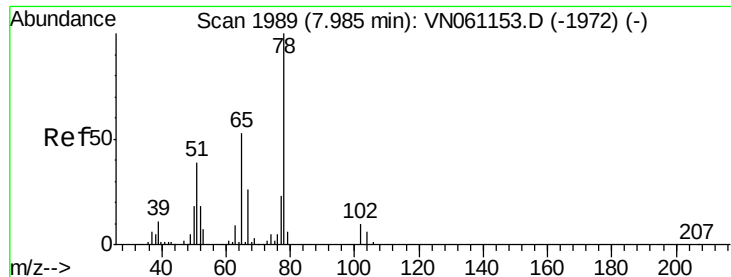
#32
1,1,1-Trichloroethane
Concen: 49.568 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 97 Resp: 108816
Ion Ratio Lower Upper
97 100
99 65.2 51.3 76.9
61 49.5 38.6 57.8



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

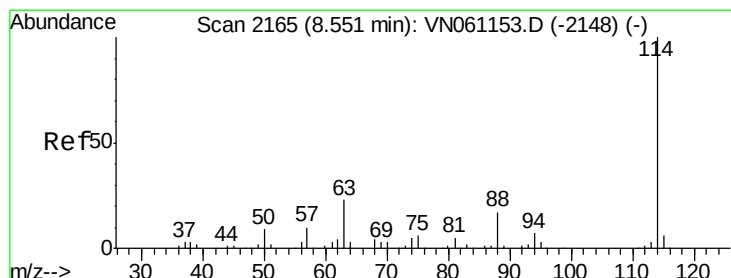
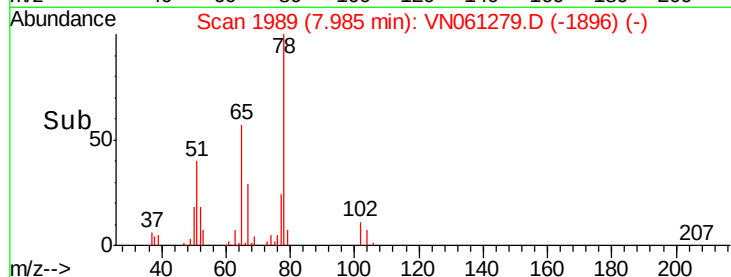
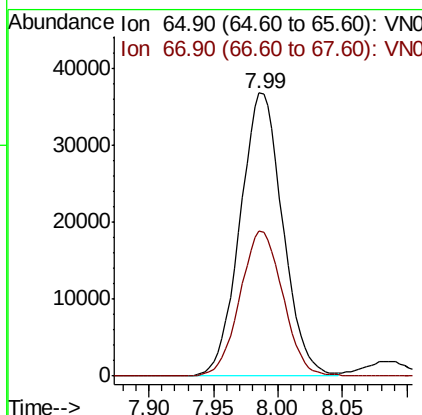
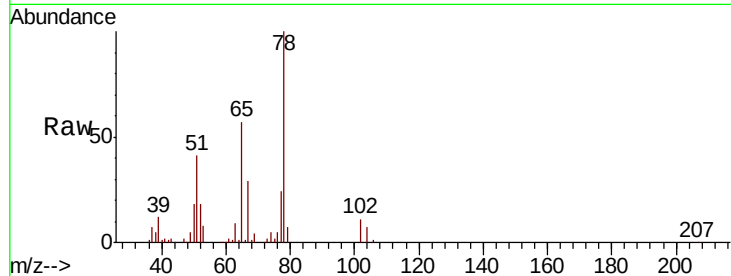




#33
 1,2-Dichloroethane-d4
 Concen: 51.133 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

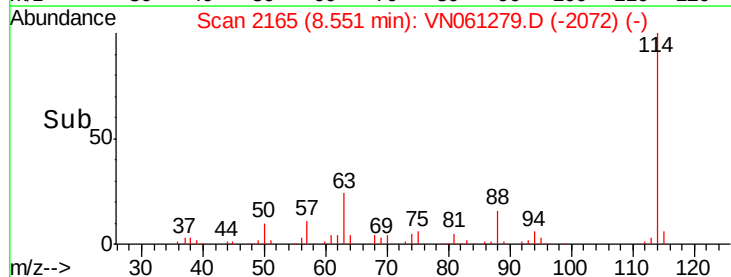
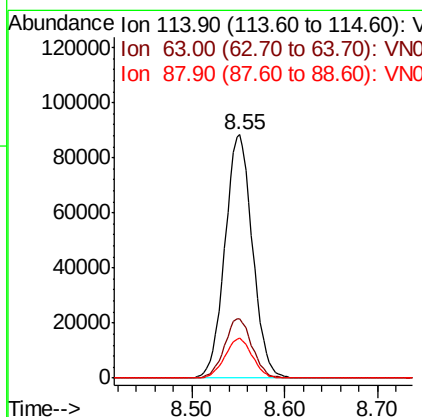
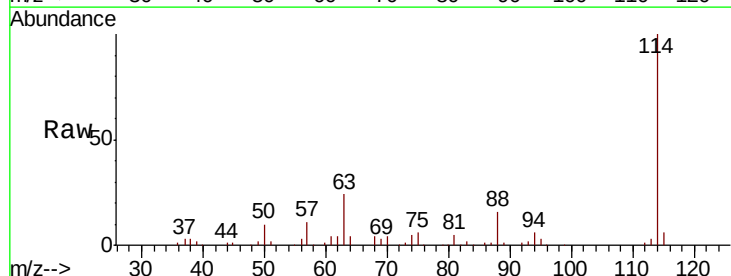
Instrument :
 MSVOA_N
 ClientSampleId :

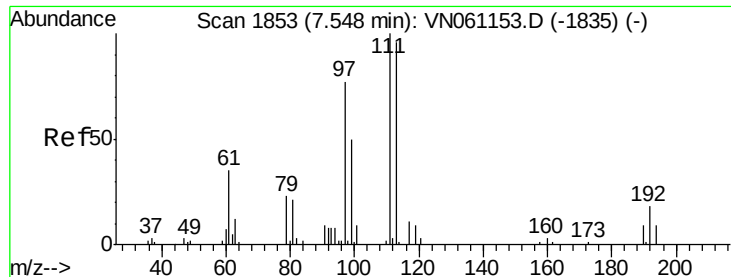
Tot Ion: 65 Resp: 84917
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion: 114 Resp: 182044
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.6
 88 16.4 0.0 33.4

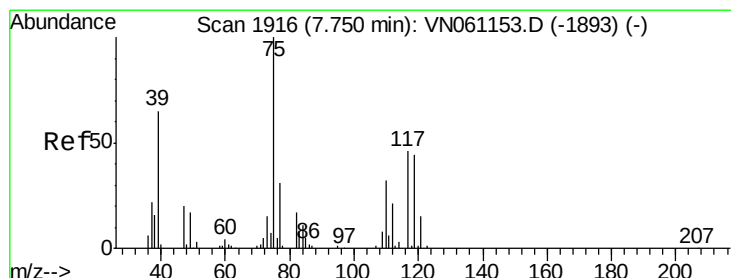
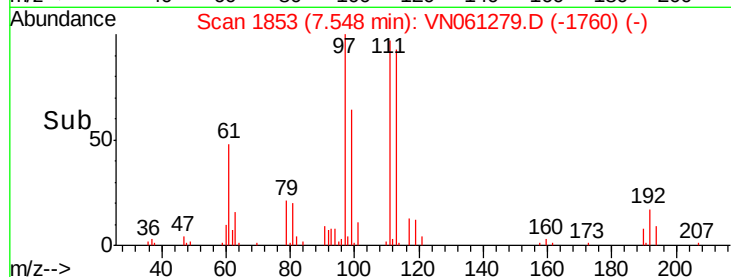
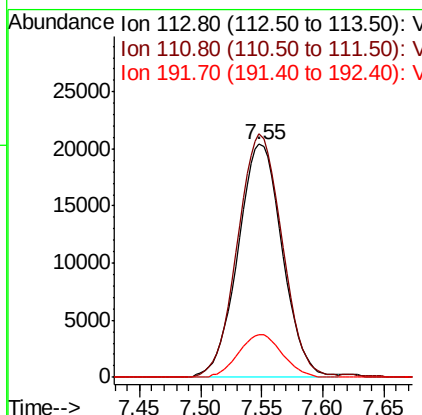
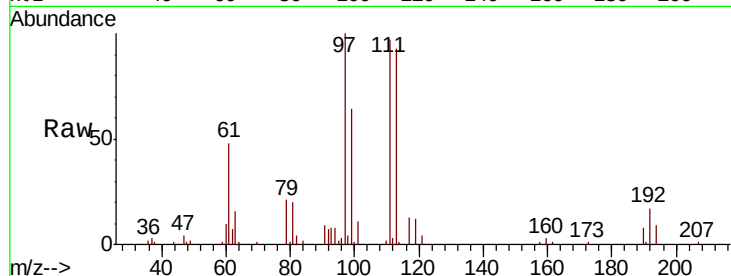




#35
 Dibromofluoromethane
 Concen: 47.733 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

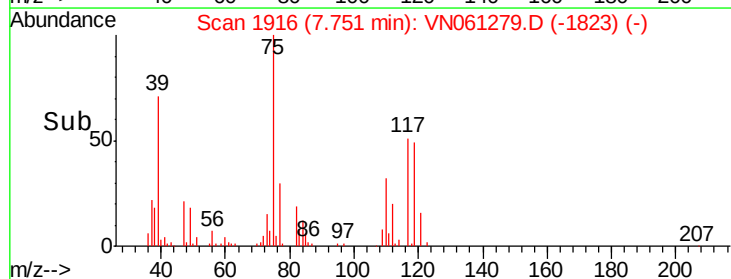
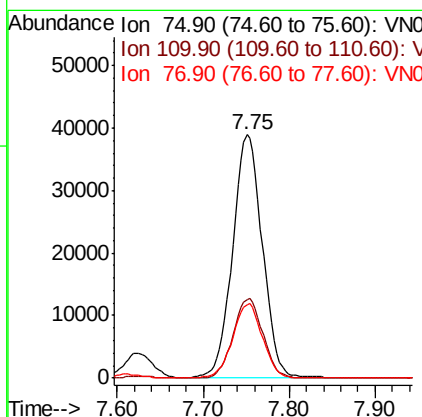
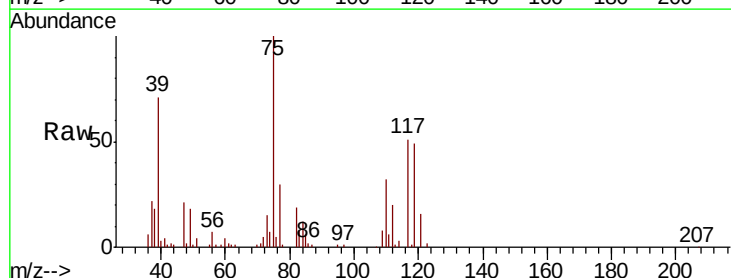
Instrument :
 MSVOA_N
 ClientSampleId :

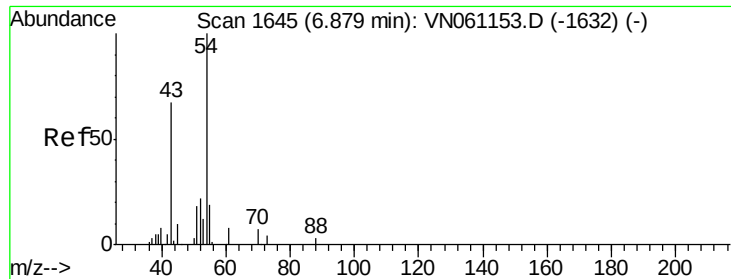
Tot Ion:113 Resp: 51383
 Ion Ratio Lower Upper
 113 100
 111 104.9 82.9 124.3
 192 18.1 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 51.453 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion: 75 Resp: 93766
 Ion Ratio Lower Upper
 75 100
 110 32.6 16.0 48.0
 77 30.6 24.6 37.0

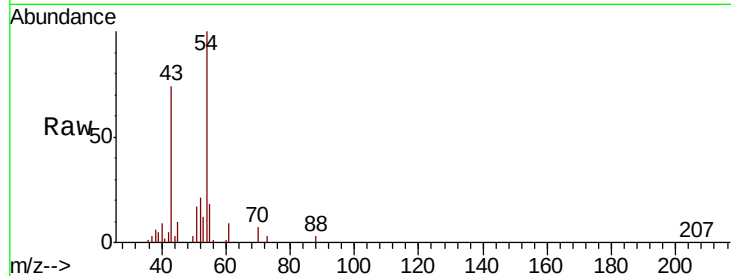




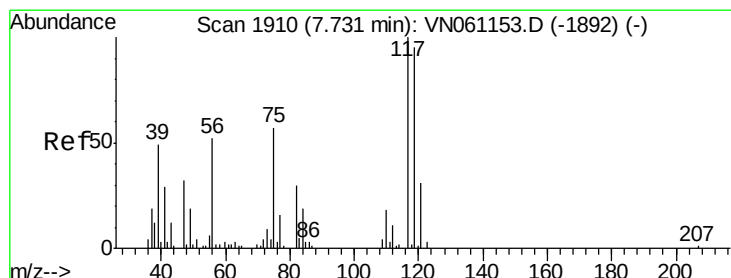
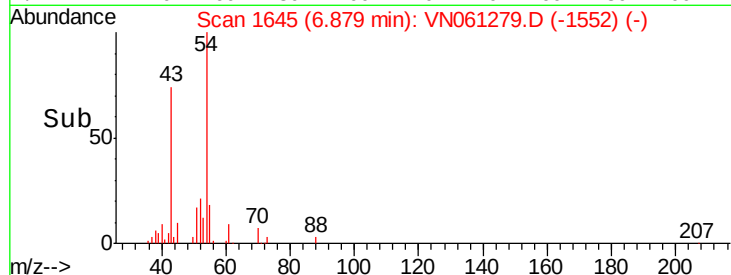
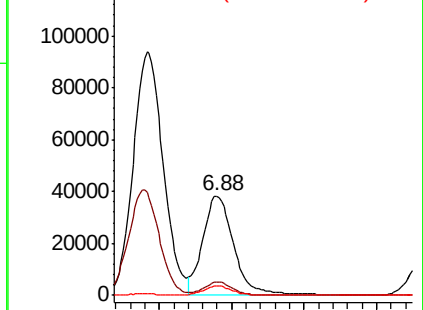
#37
Ethyl Acetate
Concen: 52.694 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 112576
Ion Ratio Lower Upper
43 100
61 11.7 10.2 15.2
70 8.6 7.2 10.8

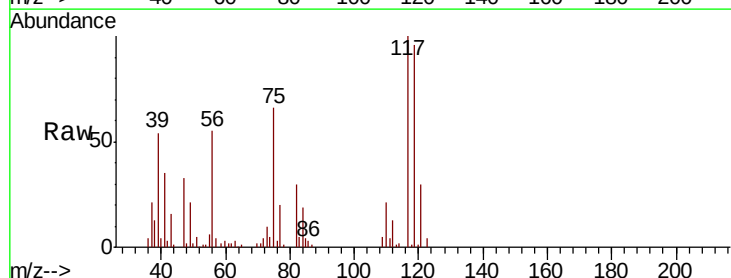


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

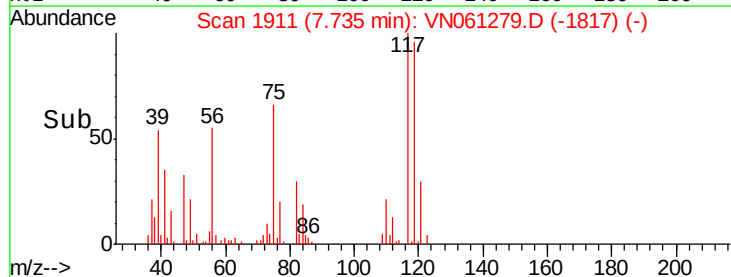
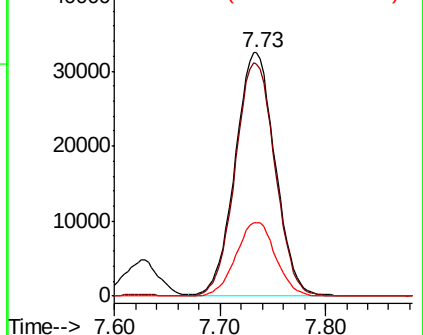


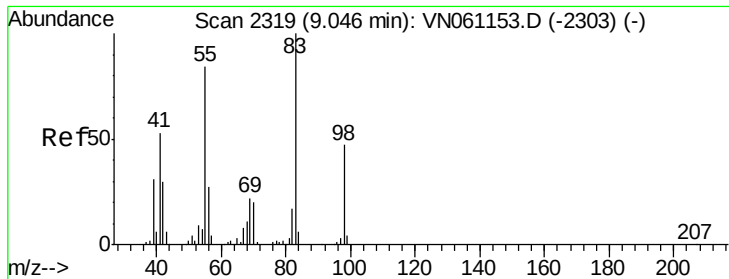
#38
Carbon Tetrachloride
Concen: 51.281 ug/l
RT: 7.73 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 117 Resp: 85366
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.6
121 30.3 24.7 37.1



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

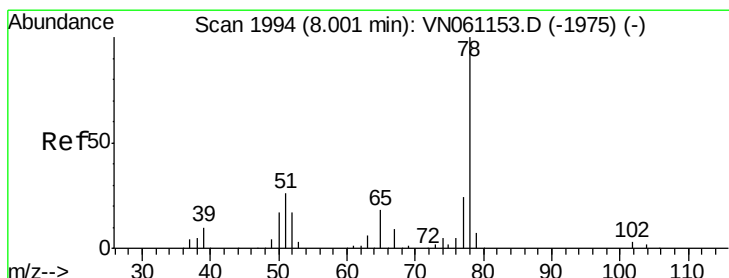
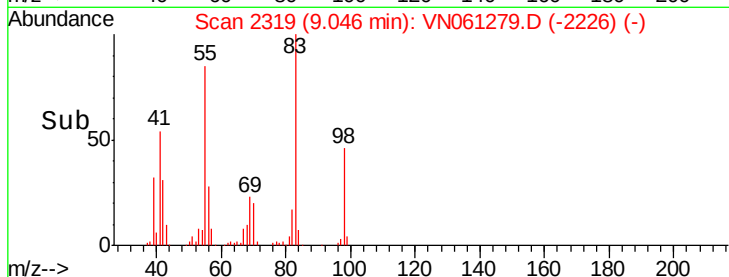
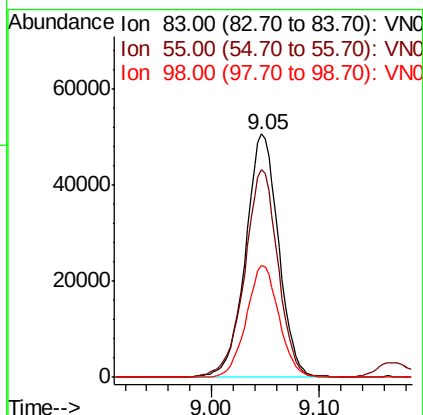
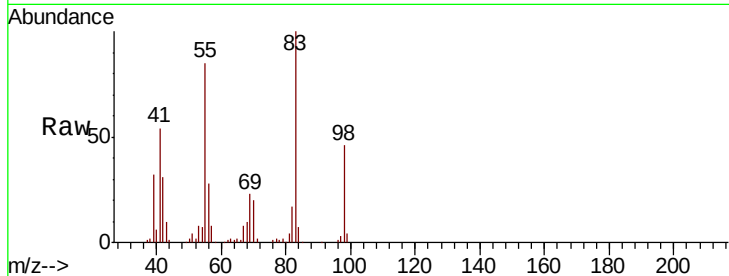




#39
Methylvlcyclohexane
Concen: 52.397 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

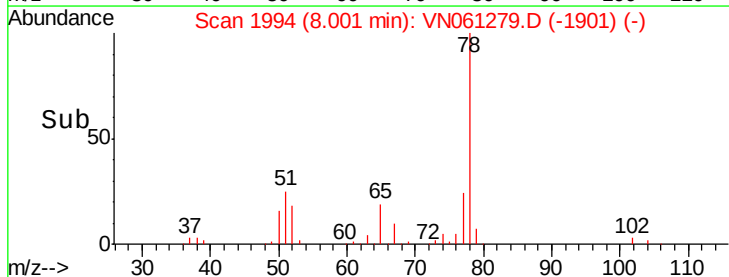
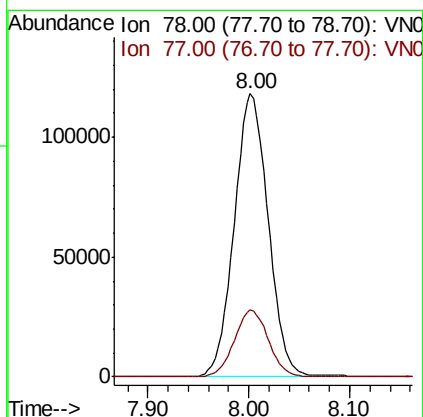
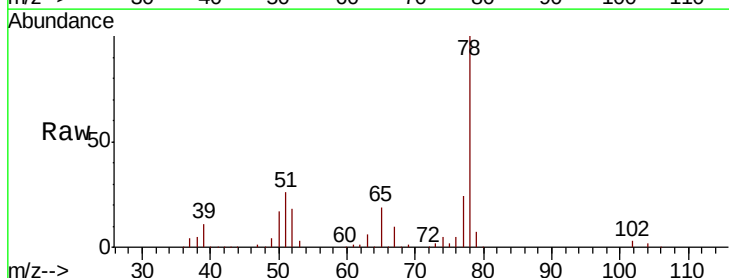
Instrument :
MSVOA_N
ClientSampleId :

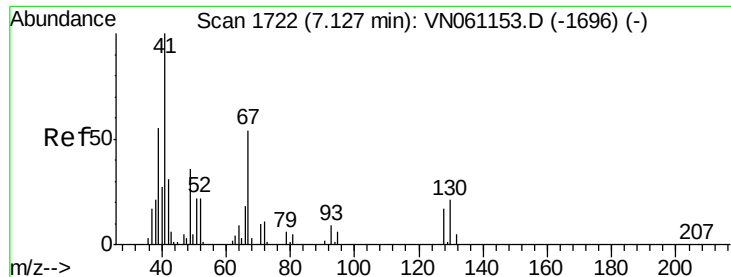
Tot Ion: 83 Resp: 107084
Ion Ratio Lower Upper
83 100
55 85.5 67.3 100.9
98 45.9 37.7 56.5



#40
Benzene
Concen: 50.919 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 78 Resp: 276451
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

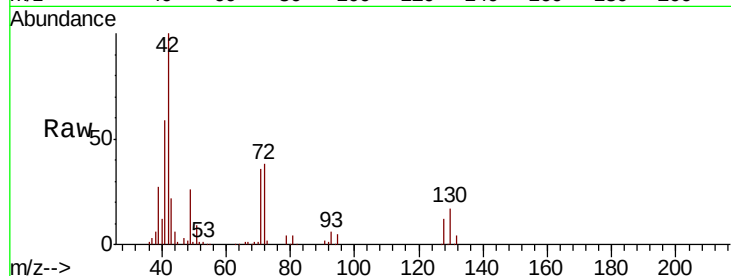




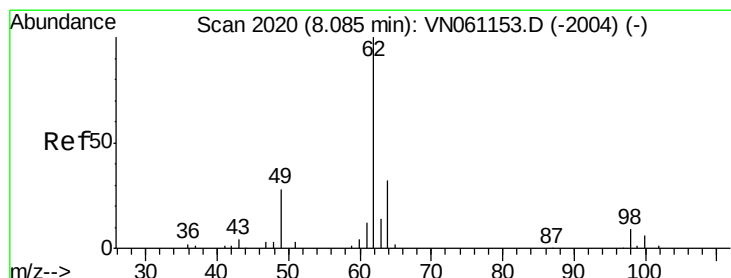
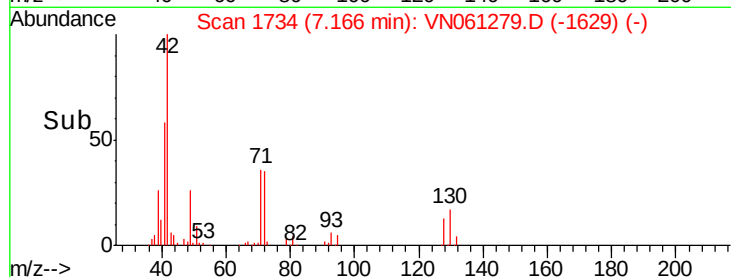
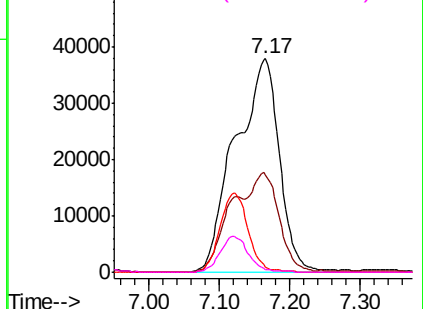
#41
Methacrylonitrile
Concen: 186.089 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.04 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	165066
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

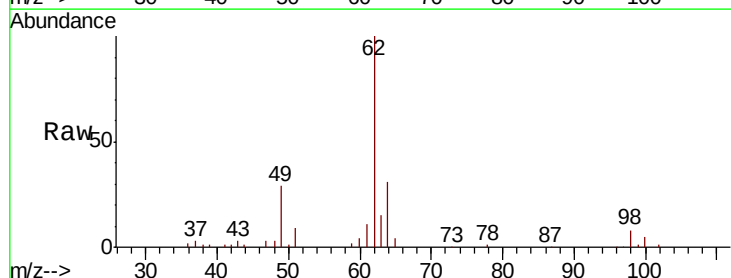


Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-1696) (-)
Ion 39.00 (38.70 to 39.70): VN061153.D (-1696) (-)
Ion 67.00 (66.70 to 67.70): VN061153.D (-1696) (-)
Ion 52.00 (51.70 to 52.70): VN061153.D (-1696) (-)

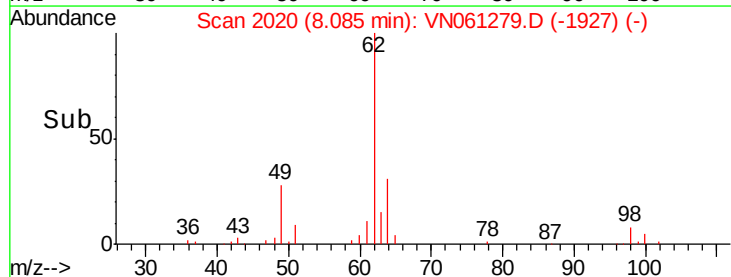
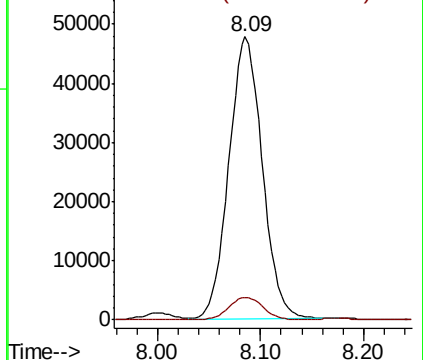


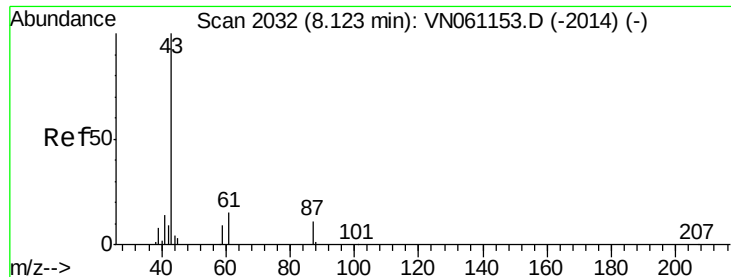
#42
1,2-Dichloroethane
Concen: 52.560 ug/l
RT: 8.09 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion:	62	Resp:	108104
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.8



Abundance Ion 61.90 (61.60 to 62.60): VN061153.D (-2004) (-)
Ion 97.90 (97.60 to 98.60): VN061153.D (-2004) (-)





#43

Isopropyl Acetate

Concen: 68.540 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampled :

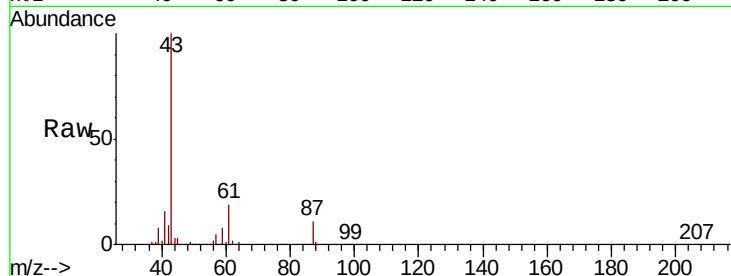
Tot Ion: 43 Resp: 243016

Ion Ratio Lower Upper

43 100

61 18.5 19.5 29.3#

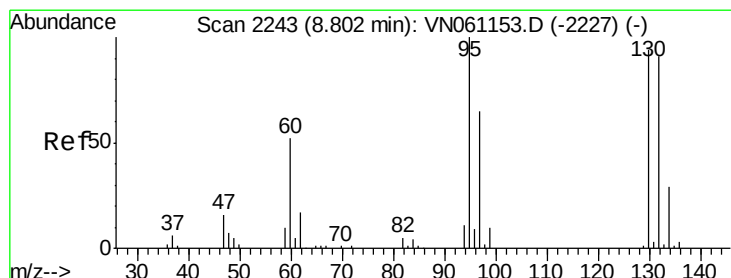
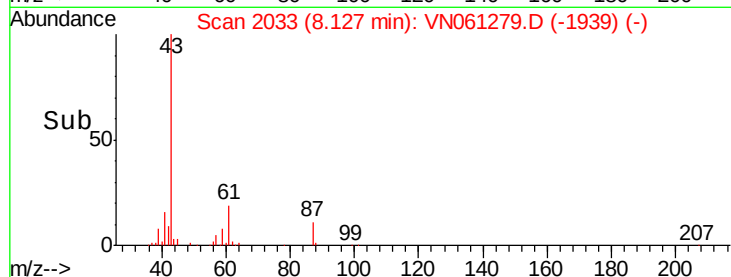
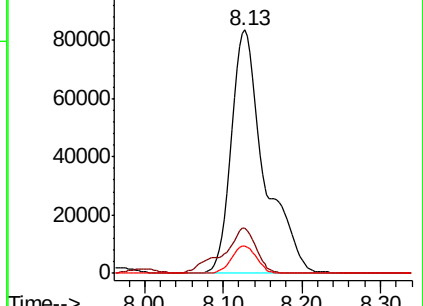
87 8.5 8.9 13.3#



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: 47.312 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061279.D

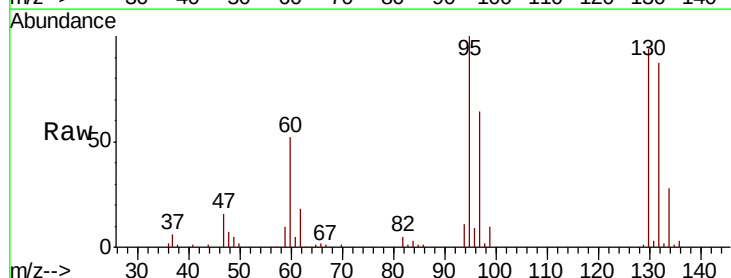
Acq: 4 May 2020 15:40

Tgt Ion:130 Resp: 69439

Ion Ratio Lower Upper

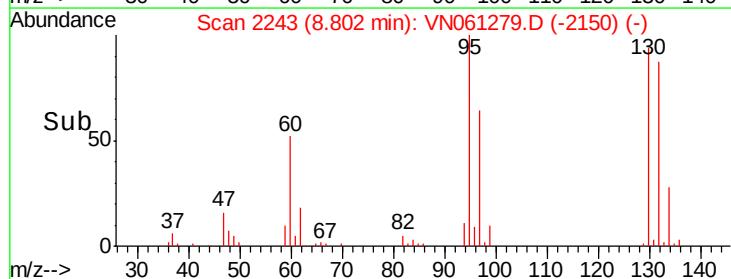
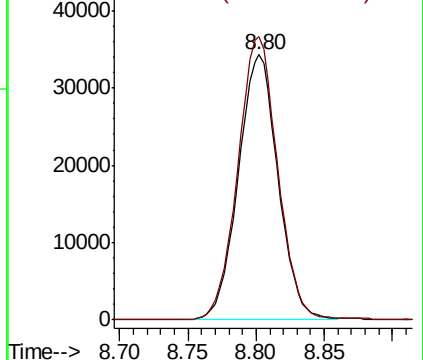
130 100

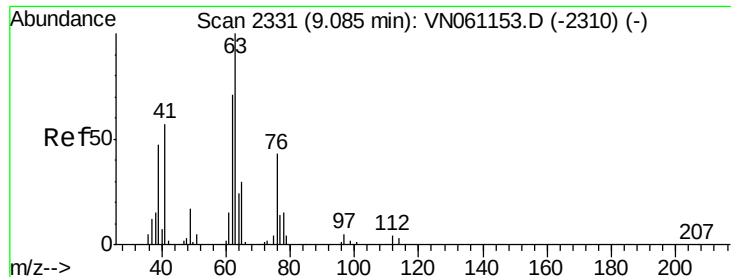
95 106.9 0.0 212.4



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

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

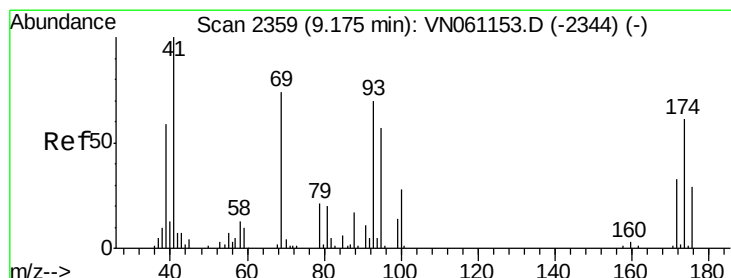
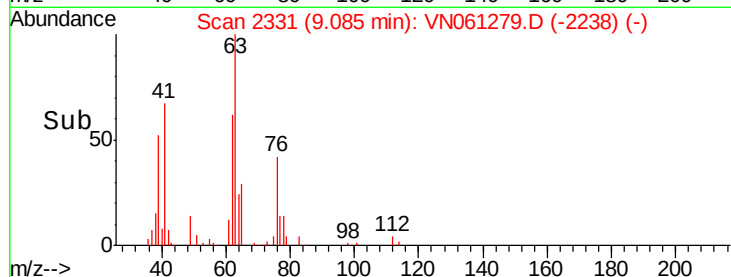
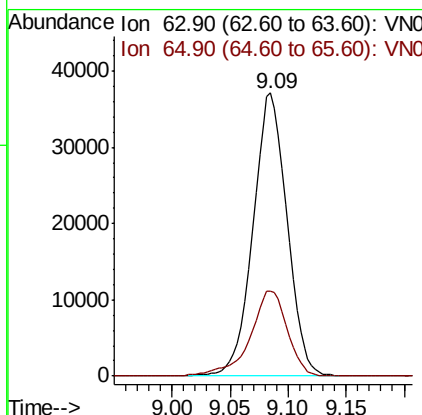
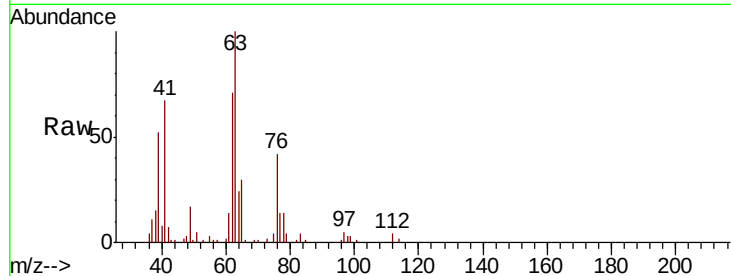




#45
 1,2-Dichloropropane
 Concen: 52.314 ug/l
 RT: 9.09 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

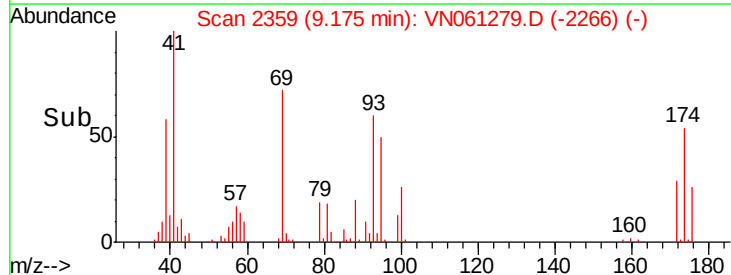
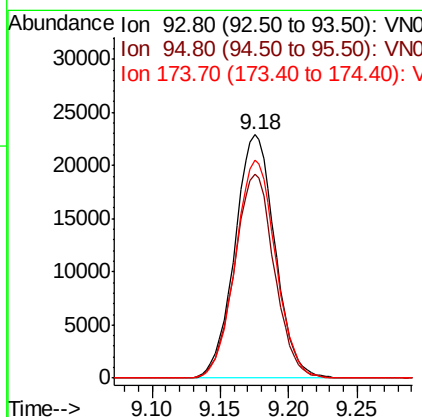
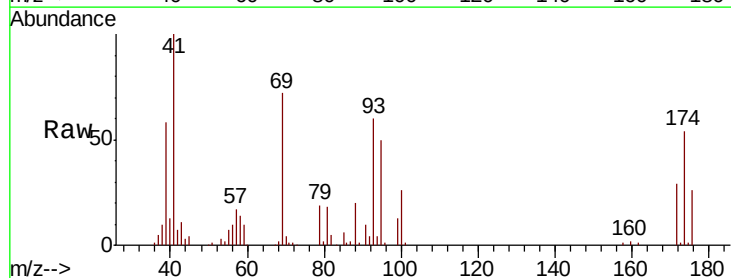
Instrument :
 MSVOA_N
 ClientSampleId :

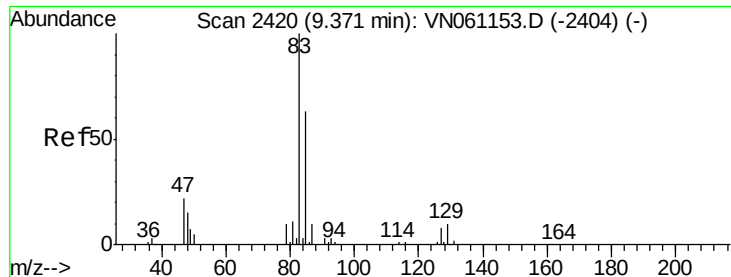
Tot Ion: 63 Resp: 75880
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1



#46
 Dibromomethane
 Concen: 52.055 ug/l
 RT: 9.18 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion: 93 Resp: 46750
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 99.8
 174 89.8 70.2 105.2





#47

Bromodichloromethane

Concen: 52.555 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

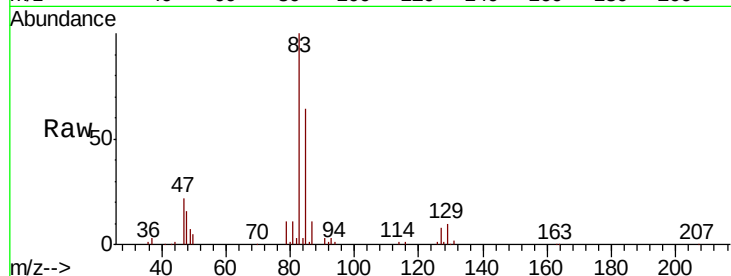
Tot Ion: 83 Resp: 101308

Ion Ratio Lower Upper

83 100

85 64.4 50.4 75.6

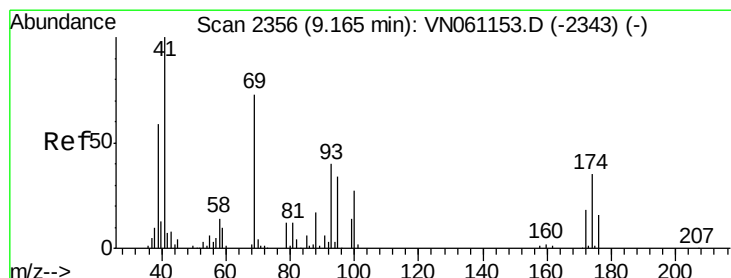
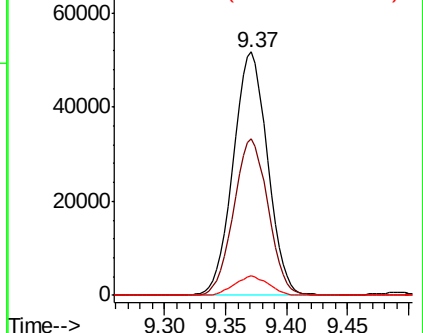
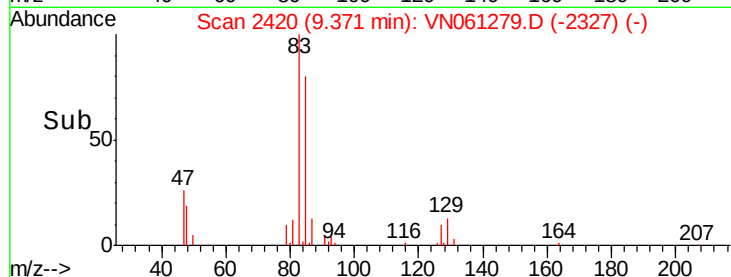
127 7.9 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061279.D (-2327) (-)

Ion 84.90 (84.60 to 85.60): VN061279.D (-2327) (-)

Ion 126.80 (126.50 to 127.50): VN061279.D (-2327) (-)



#48

Methyl methacrylate

Concen: 57.114 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

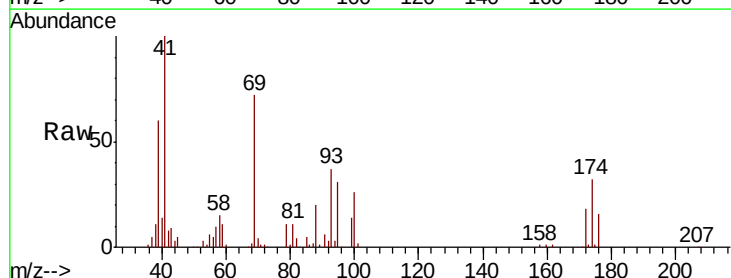
Tgt Ion: 41 Resp: 91380

Ion Ratio Lower Upper

41 100

69 72.4 60.3 90.5

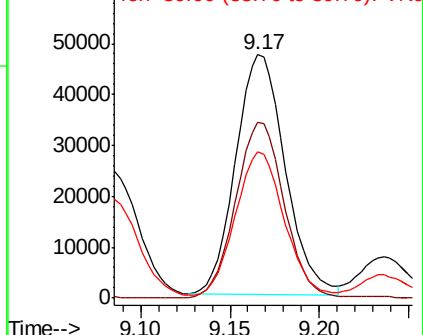
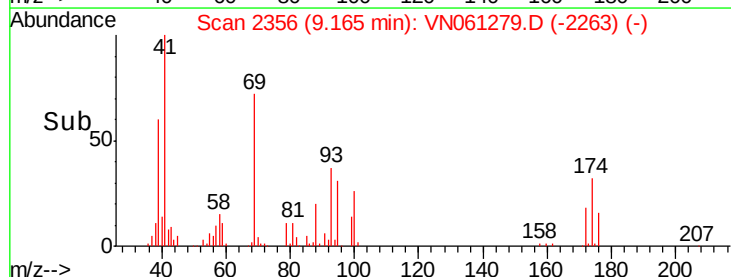
39 61.0 47.4 71.0

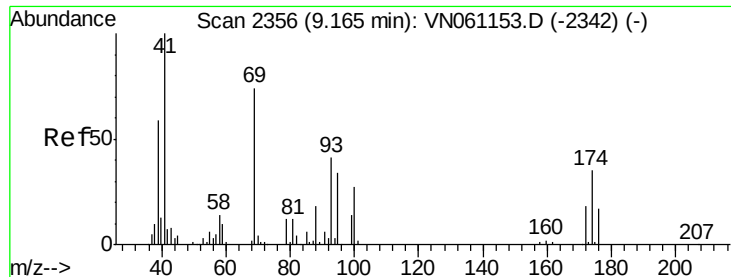


Abundance Ion 41.00 (40.70 to 41.70): VN061279.D (-2263) (-)

Ion 69.00 (68.70 to 69.70): VN061279.D (-2263) (-)

Ion 39.00 (38.70 to 39.70): VN061279.D (-2263) (-)

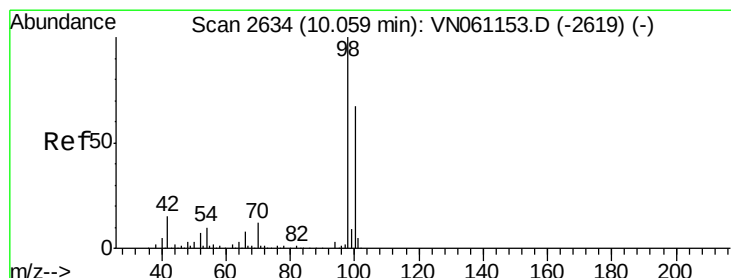
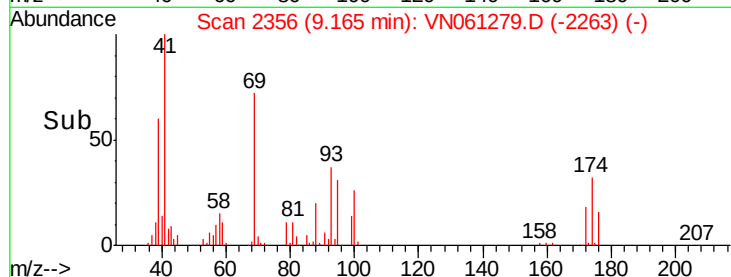
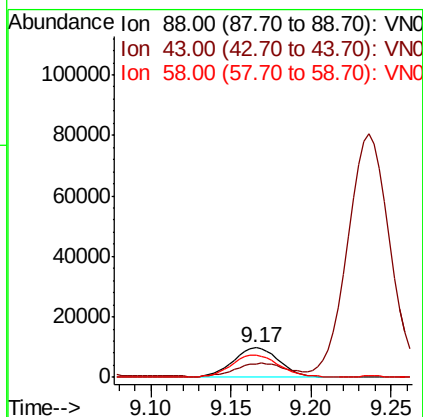
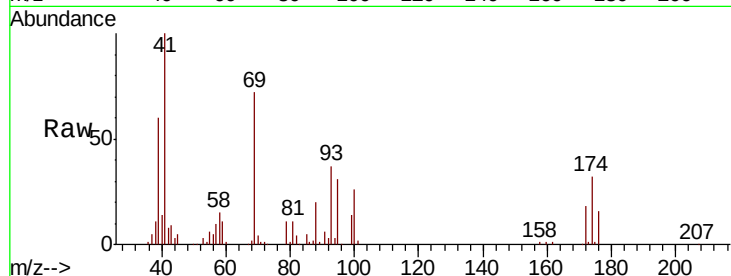




#49
 1,4-Dioxane
 Concen: 1060.543 ug/l
 RT: 9.17 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

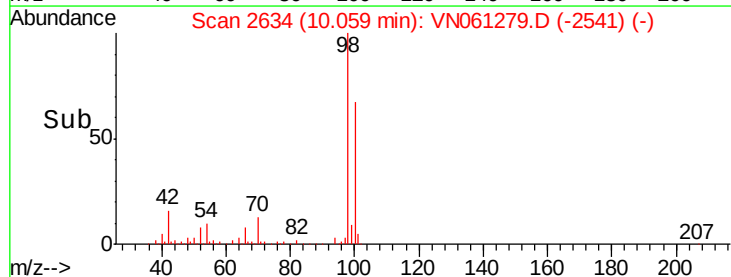
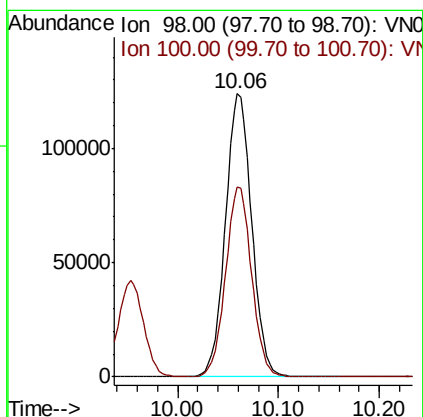
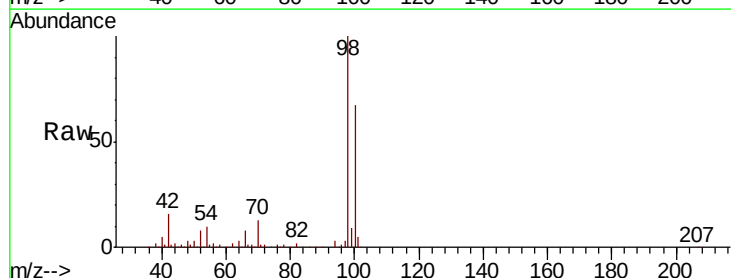
Instrument :
 MSVOA_N
 ClientSampleId :

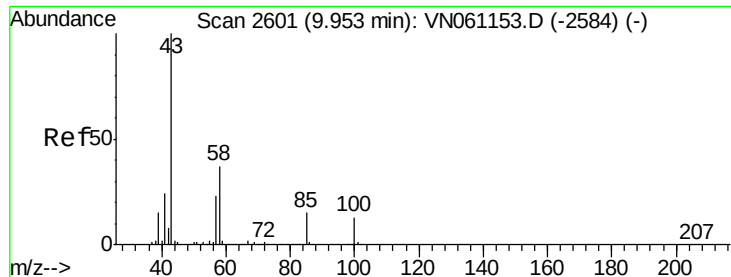
Tot Ion: 88 Resp: 19261
 Ion Ratio Lower Upper
 88 100
 43 50.5 35.3 52.9
 58 79.0 61.5 92.3



#50
 Toluene-d8
 Concen: 51.447 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion: 98 Resp: 225761
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.4 80.0

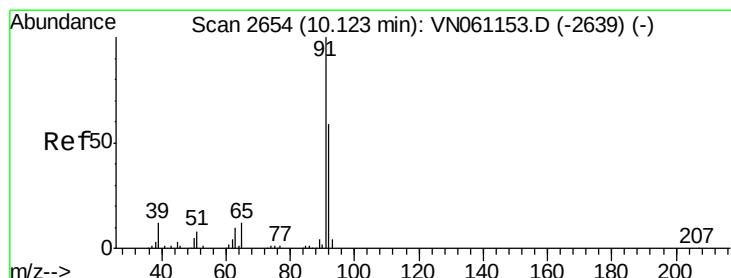
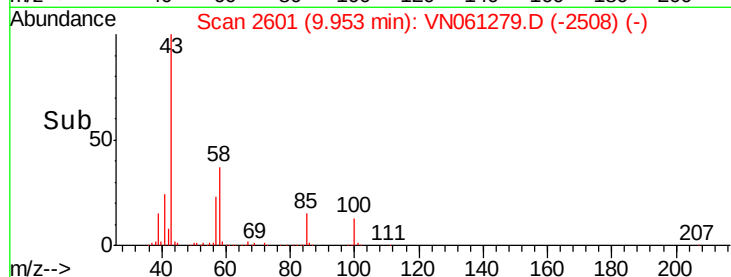
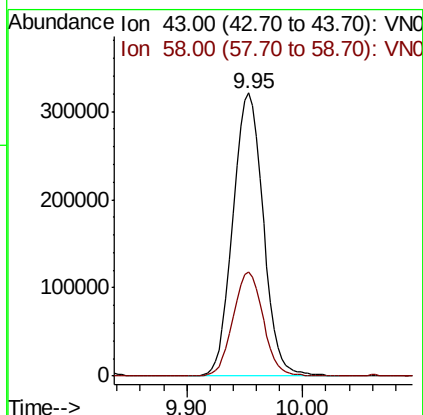
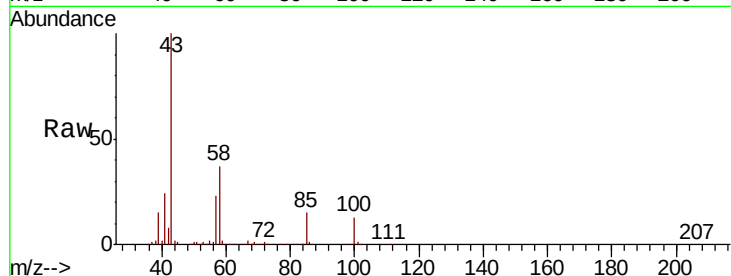




#51
4-Methyl-2-Pentanone
Concen: 277.373 ug/l
RT: 9.95 min Scan# 2601
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

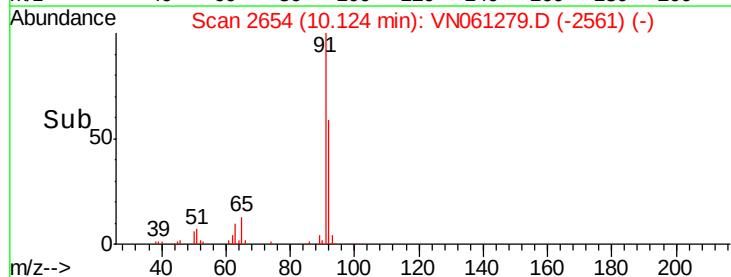
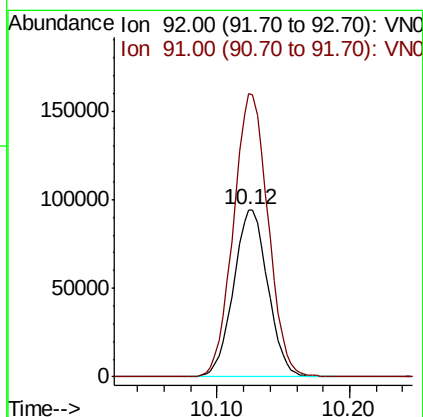
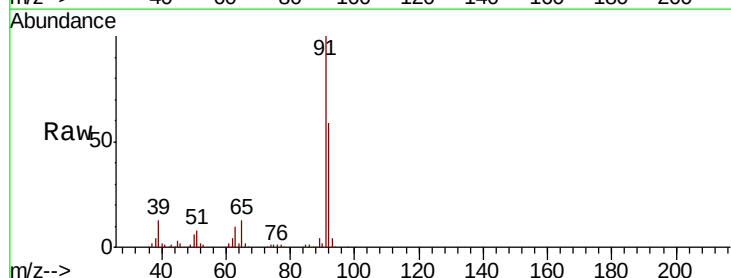
Instrument :
MSVOA_N
ClientSampled :

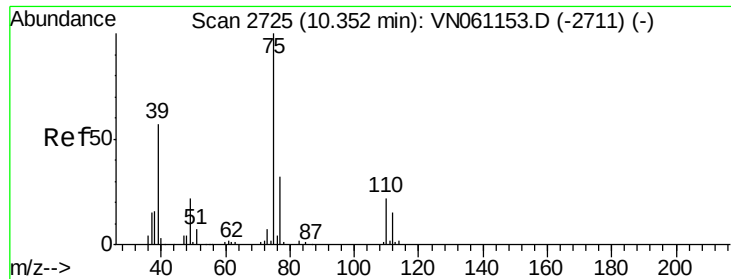
Tot Ion: 43 Resp: 578875
Ion Ratio Lower Upper
43 100
58 36.7 29.1 43.7



#52
Toluene
Concen: 51.847 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 92 Resp: 169550
Ion Ratio Lower Upper
92 100
91 171.4 136.2 204.2

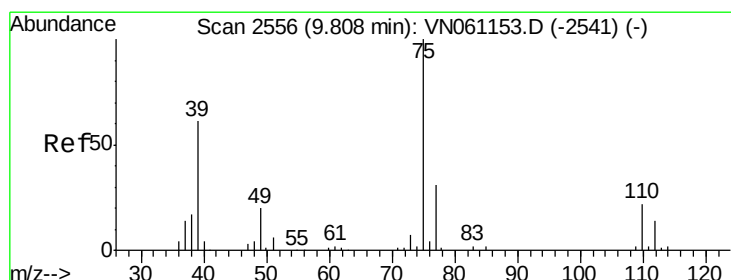
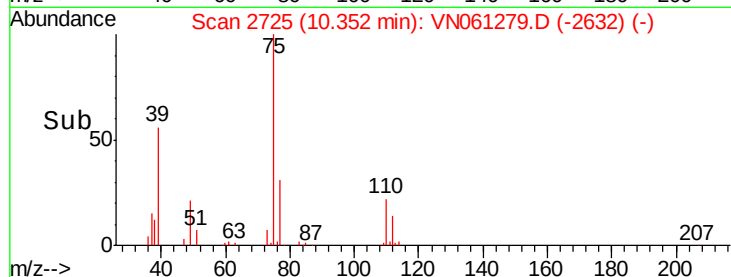
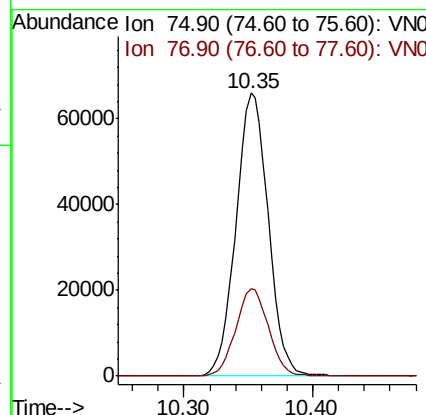
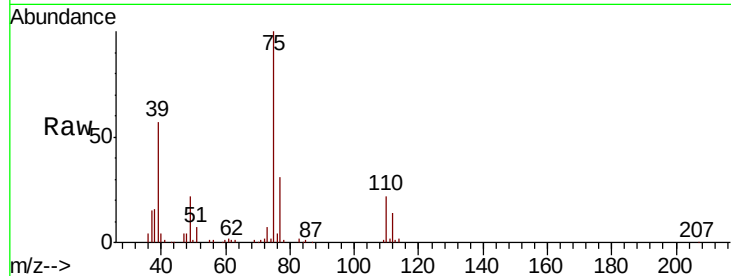




#53
t-1,3-Dichloropropene
Concen: 52.944 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

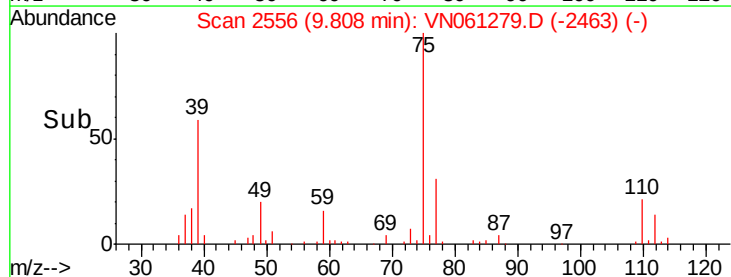
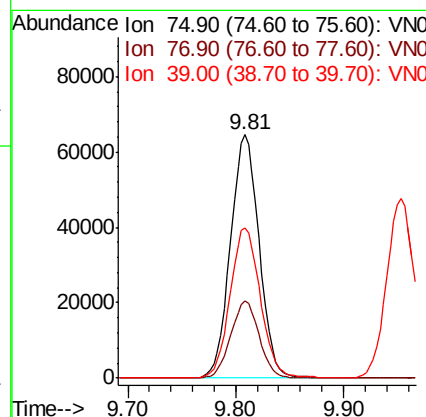
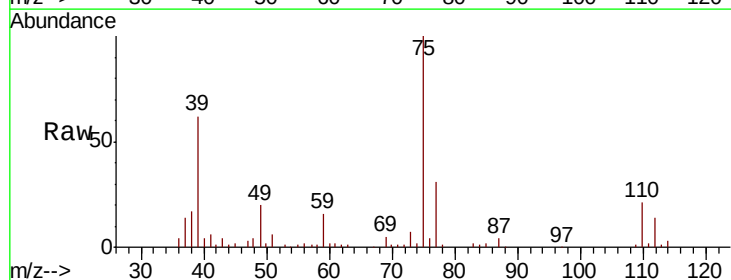
Instrument :
MSVOA_N
ClientSampled :

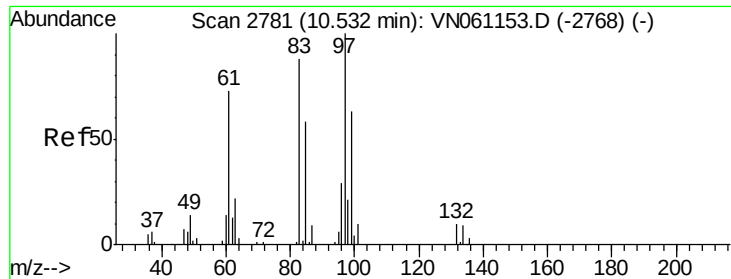
Tot Ion: 75 Resp: 114997
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 52.185 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 75 Resp: 119831
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4
39 61.9 48.7 73.1

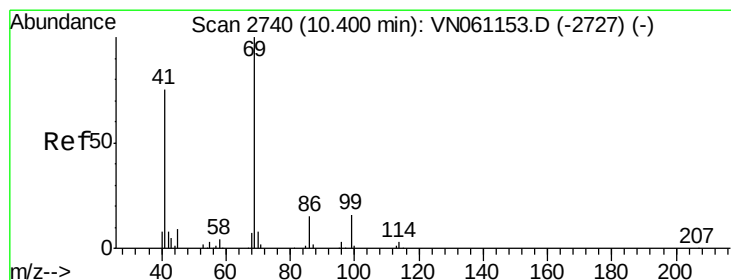
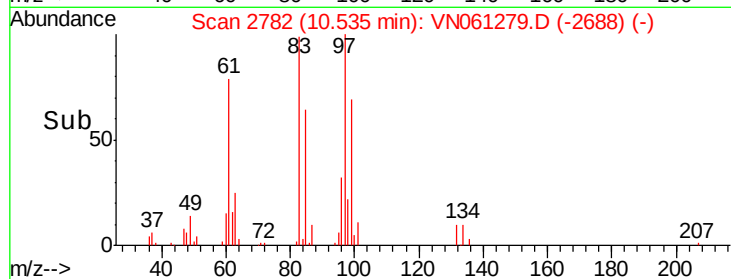
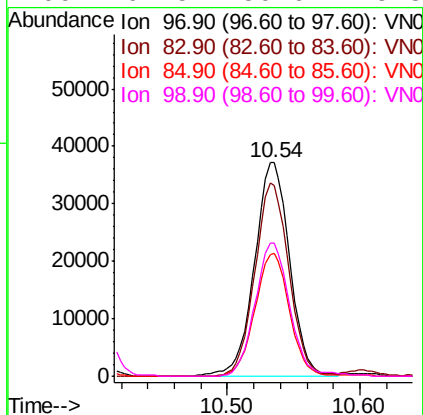
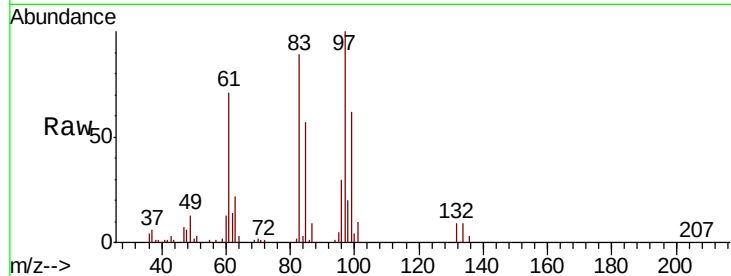




#55
 1,1,2-Trichloroethane
 Concen: 52.642 ug/l
 RT: 10.54 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

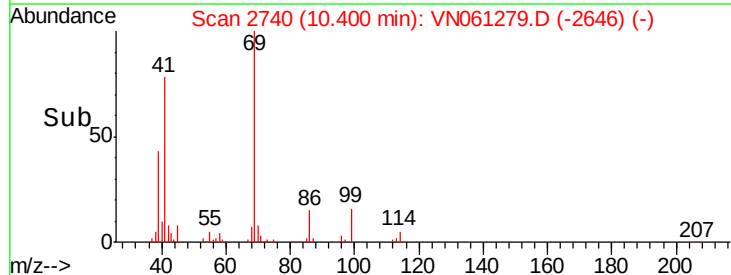
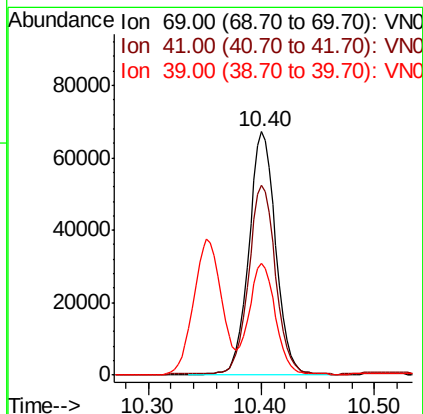
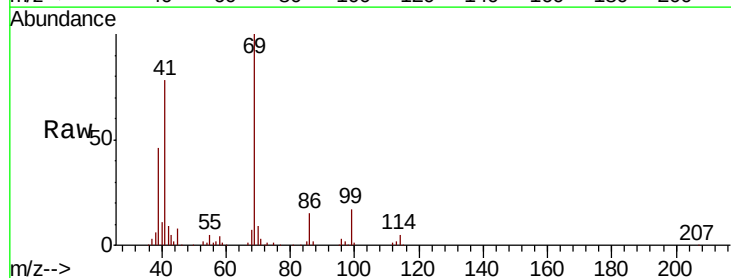
Instrument :
 MSVOA_N
 ClientSampled :

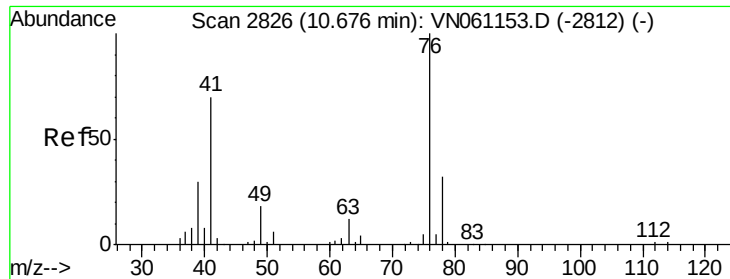
Tot Ion: 97 Resp: 68665
 Ion Ratio Lower Upper
 97 100
 83 89.3 70.6 106.0
 85 57.3 46.4 69.6
 99 62.5 50.6 75.8



#56
 Ethyl methacrylate
 Concen: 49.061 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion: 69 Resp: 111393
 Ion Ratio Lower Upper
 69 100
 41 77.2 60.3 90.5
 39 44.7 35.9 53.9

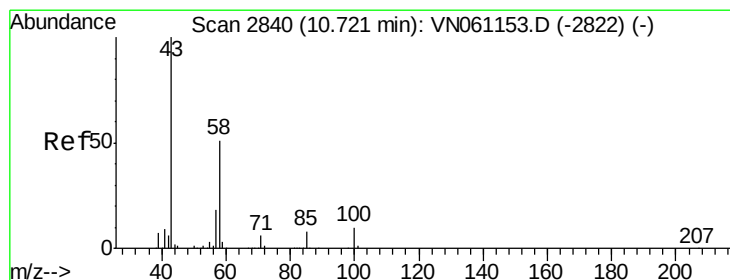
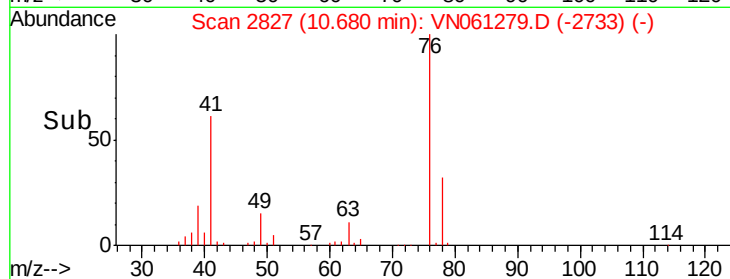
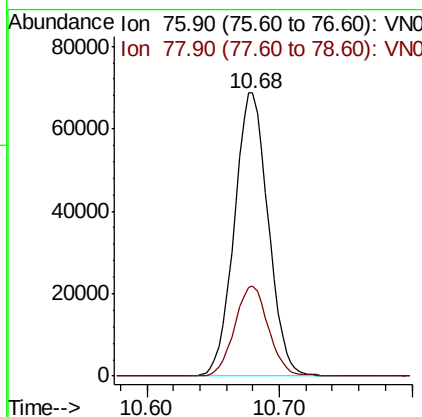
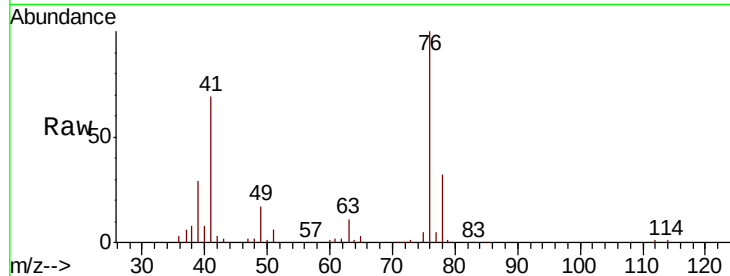




#57
 1,3-Dichloropropane
 Concen: 53.055 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

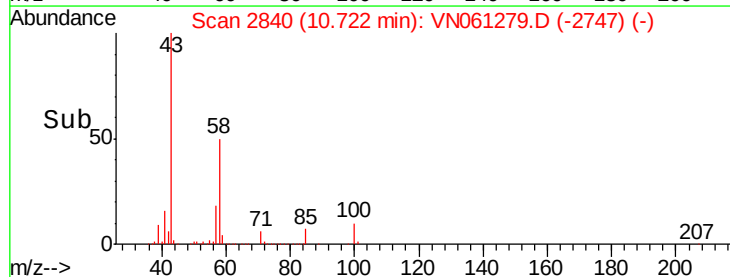
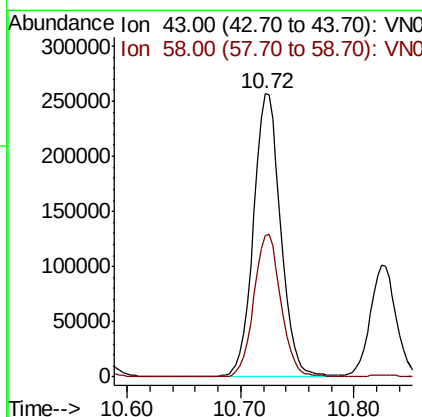
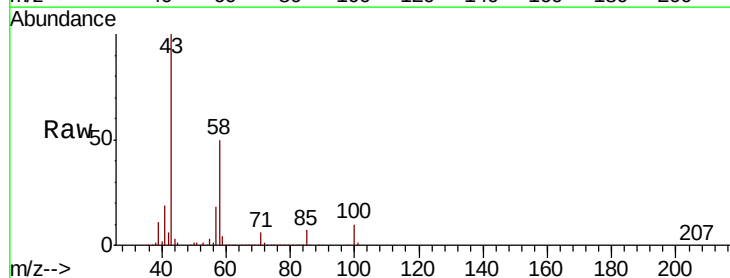
Instrument :
 MSVOA_N
 ClientSampled :

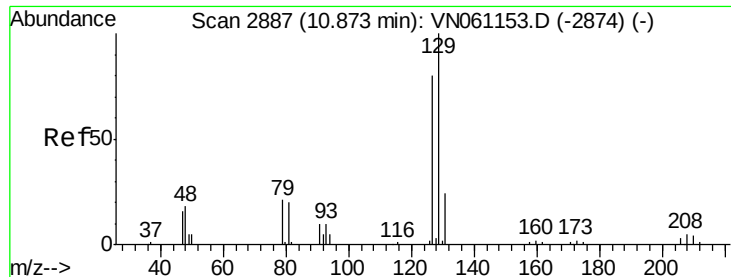
Tot Ion: 76 Resp: 121643
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#59
 2-Hexanone
 Concen: 283.039 ug/l
 RT: 10.72 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion: 43 Resp: 429745
 Ion Ratio Lower Upper
 43 100
 58 50.1 25.4 76.4





#60

Dibromochloromethane

Concen: 51.722 ug/l

RT: 10.87 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

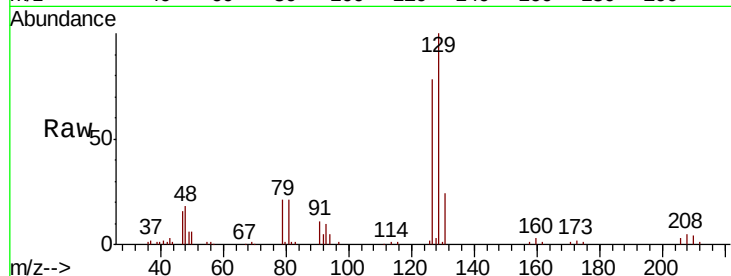
ClientSampleId :

Tot Ion:129 Resp: 70659

Ion Ratio Lower Upper

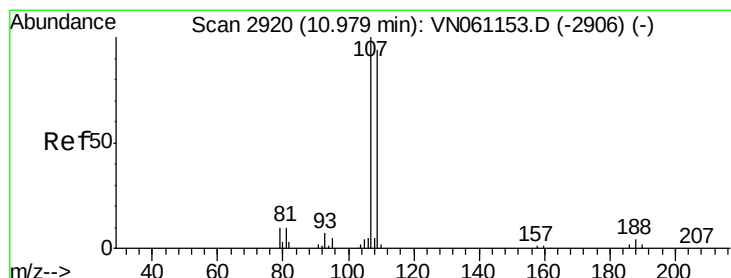
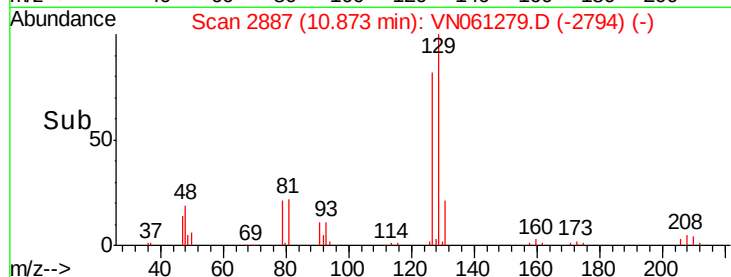
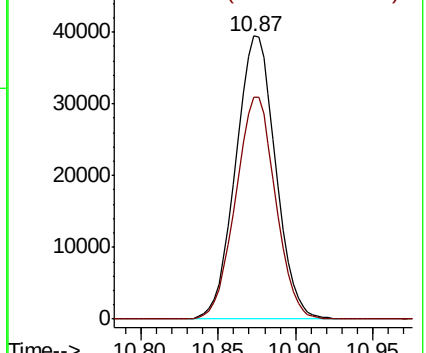
129 100

127 78.5 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.510 ug/l

RT: 10.98 min Scan# 2920

Delta R.T. 0.00 min

Lab File: VN061279.D

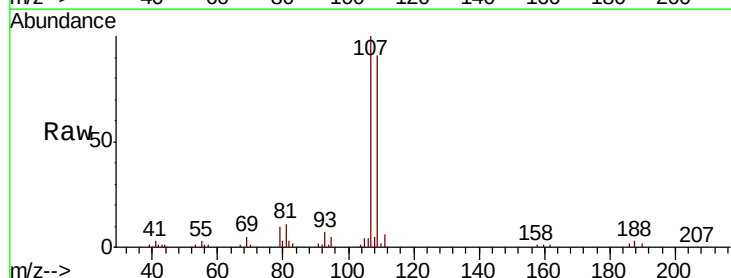
Acq: 4 May 2020 15:40

Tgt Ion:107 Resp: 68650

Ion Ratio Lower Upper

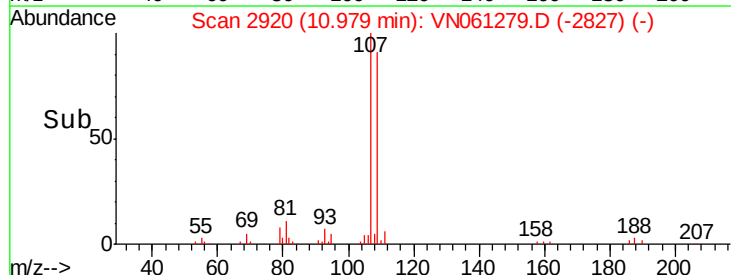
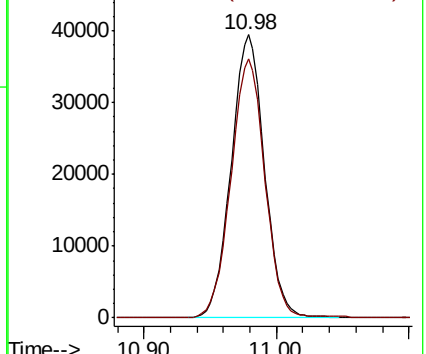
107 100

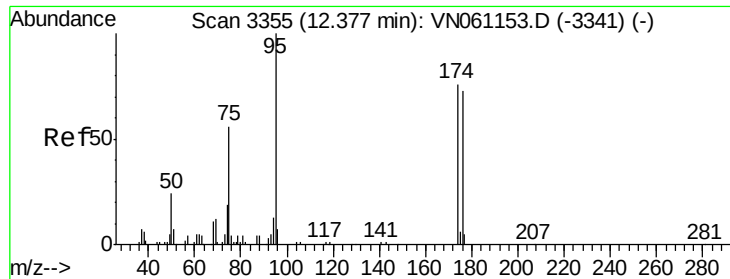
109 92.8 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

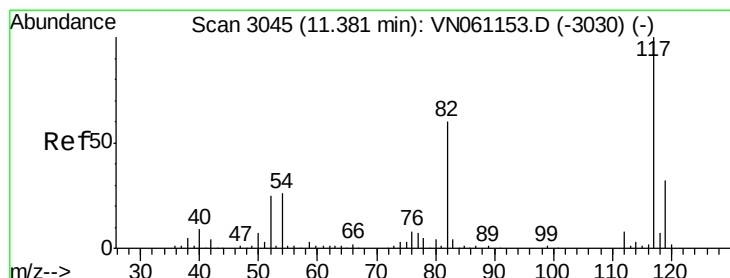
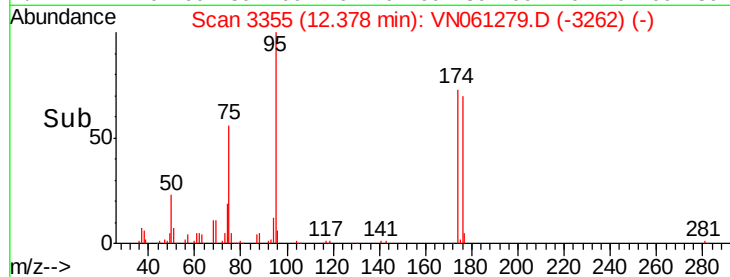
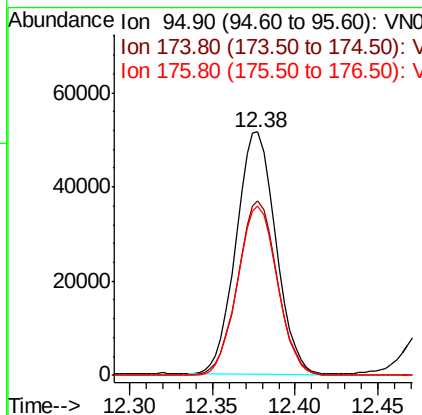
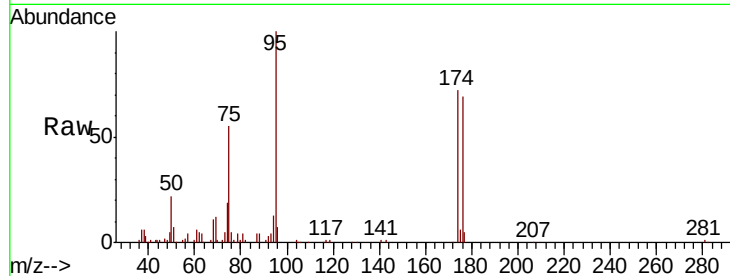




#62
4-Bromofluorobenzene
Concen: 52.048 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

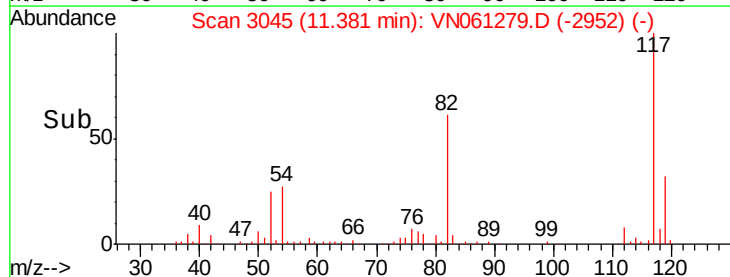
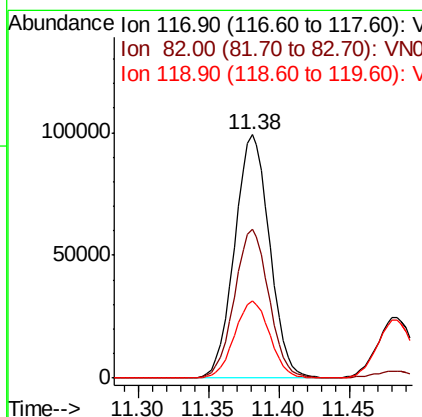
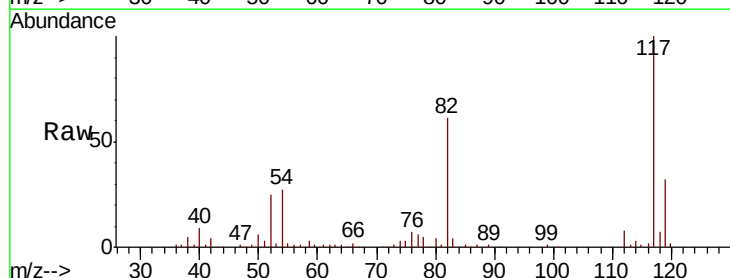
Instrument :
MSVOA_N
ClientSampleId :

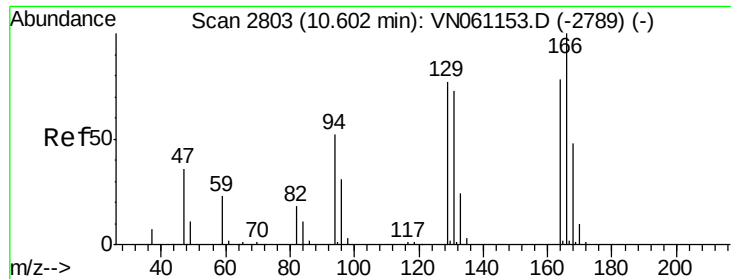
Tot Ion: 95 Resp: 85951
Ion Ratio Lower Upper
95 100
174 71.6 0.0 149.4
176 70.0 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 117 Resp: 172617
Ion Ratio Lower Upper
117 100
82 60.9 47.8 71.8
119 31.5 25.8 38.6





#64

Tetrachloroethene

Concen: 45.682 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:164 Resp: 68297

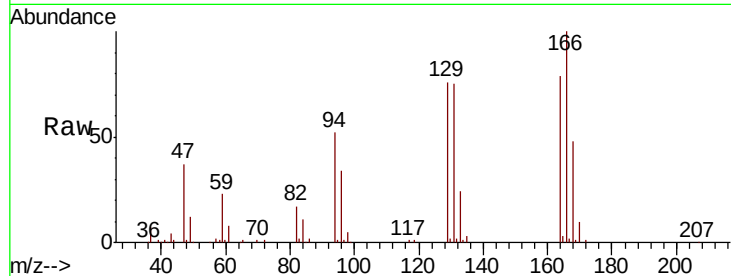
Ion Ratio Lower Upper

164 100

166 126.2 102.0 153.0

129 95.6 78.2 117.2

131 94.4 74.5 111.7

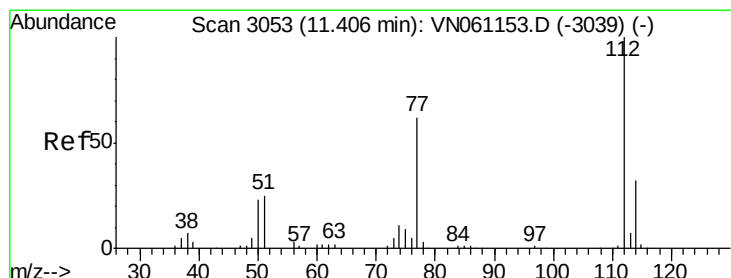
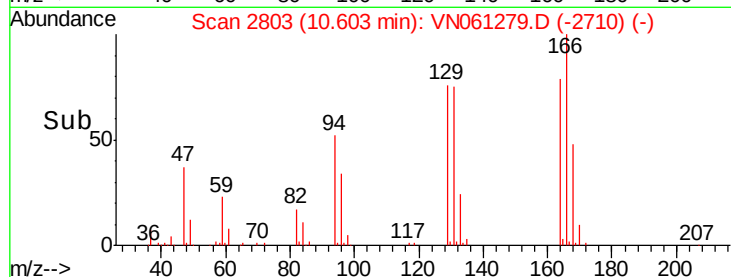
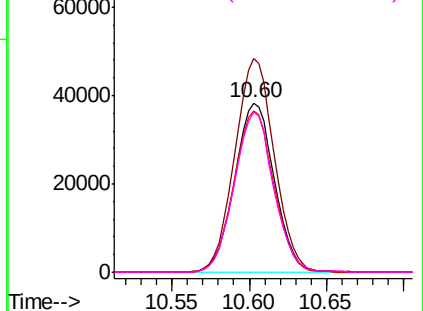


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.636 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061279.D

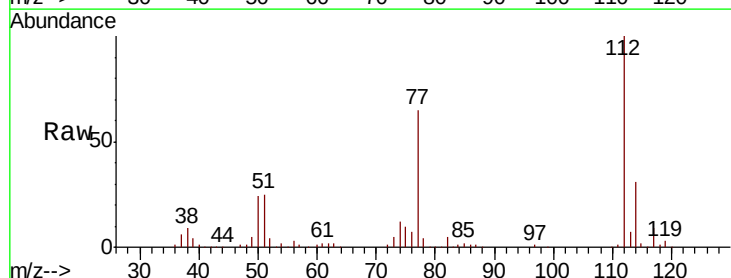
Acq: 4 May 2020 15:40

Tgt Ion:112 Resp: 173384

Ion Ratio Lower Upper

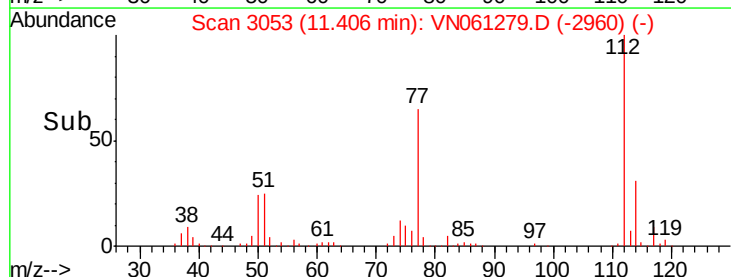
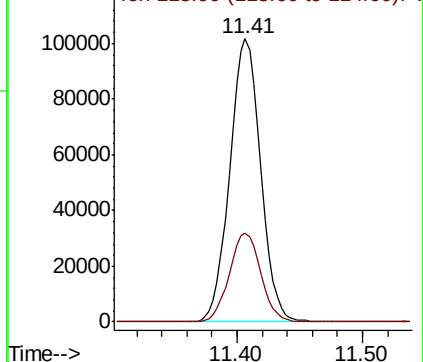
112 100

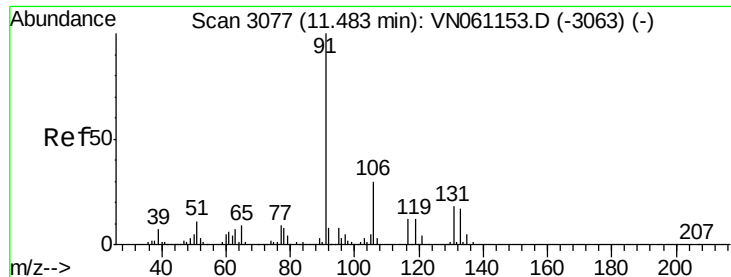
114 31.4 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 52.731 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampled :

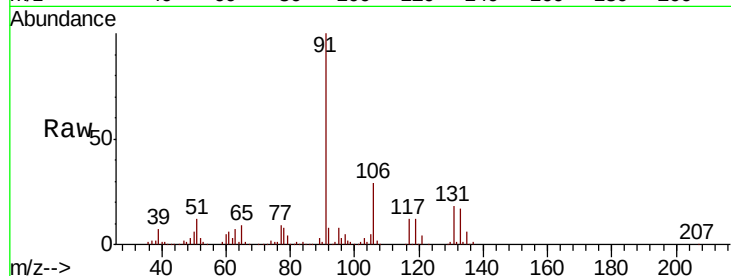
Tot Ion:131 Resp: 64623

Ion Ratio Lower Upper

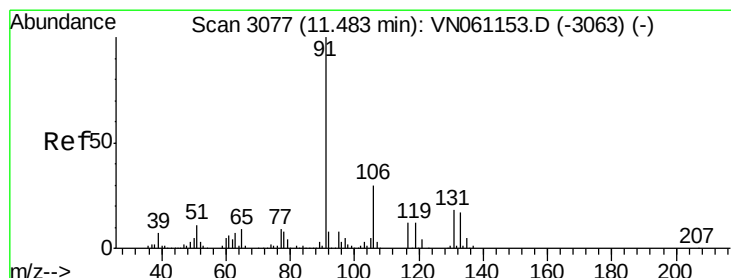
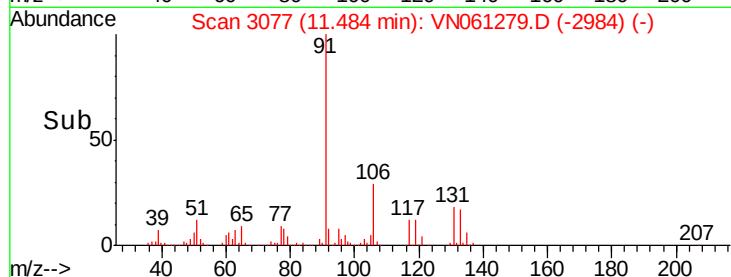
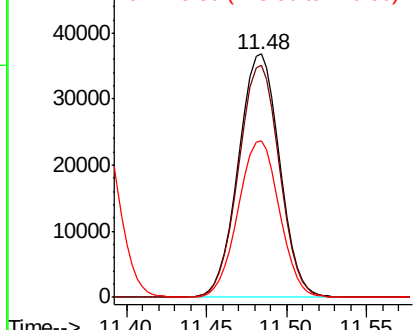
131 100

133 95.0 48.0 144.2

119 64.5 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 51.828 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061279.D

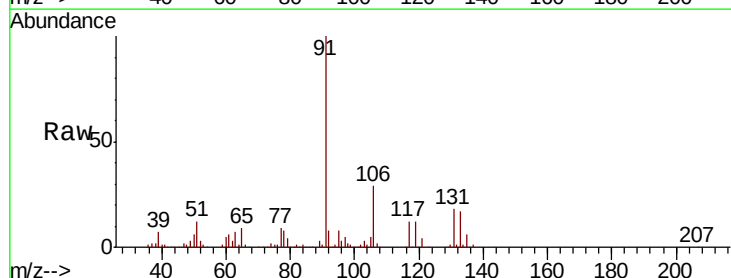
Acq: 4 May 2020 15:40

Tgt Ion: 91 Resp: 332217

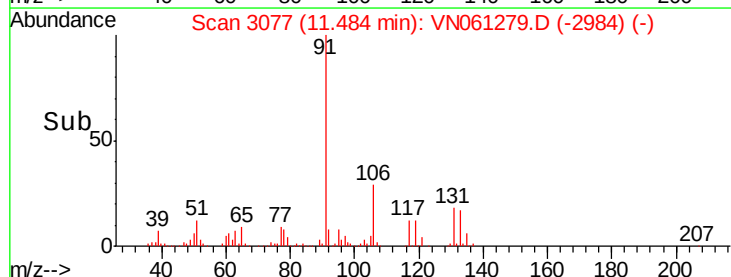
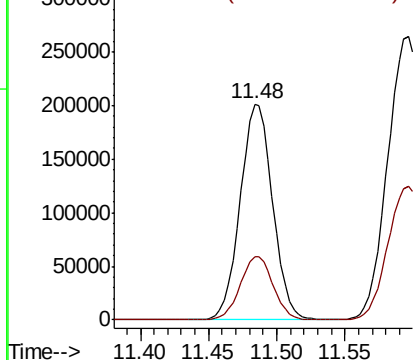
Ion Ratio Lower Upper

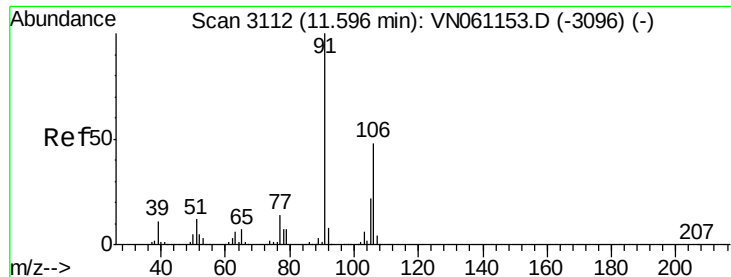
91 100

106 29.5 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V

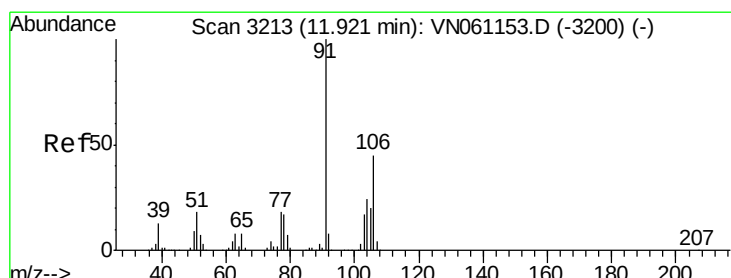
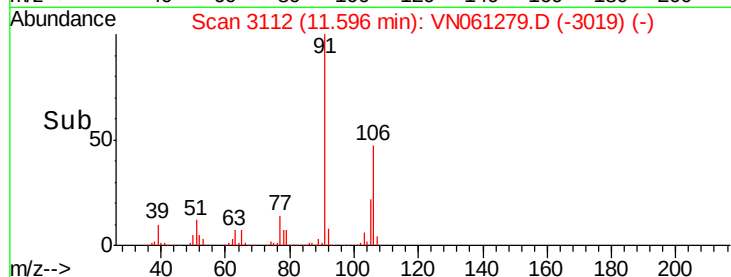
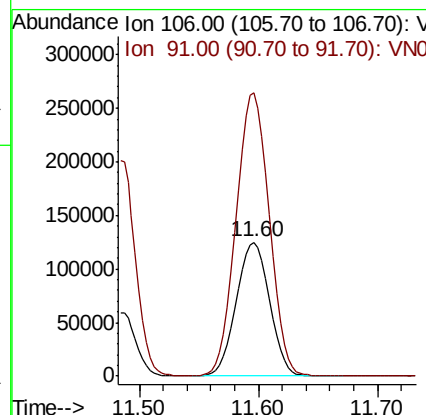
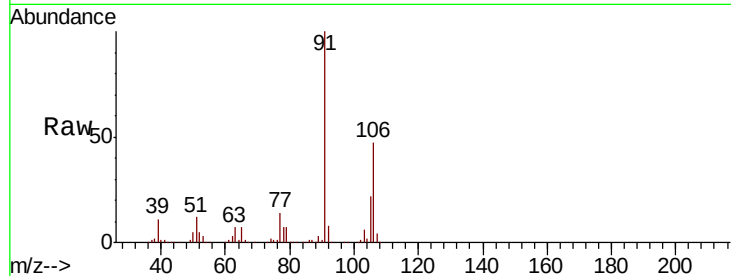




#68
m/p-Xylenes
Concen: 103.403 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

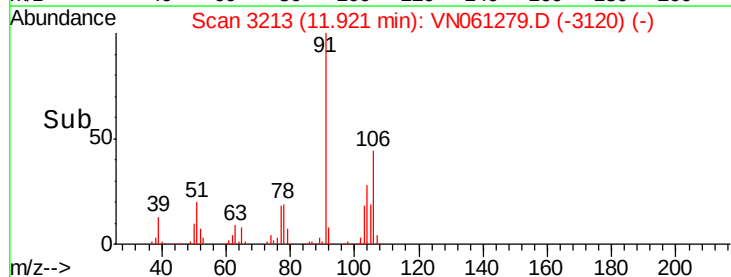
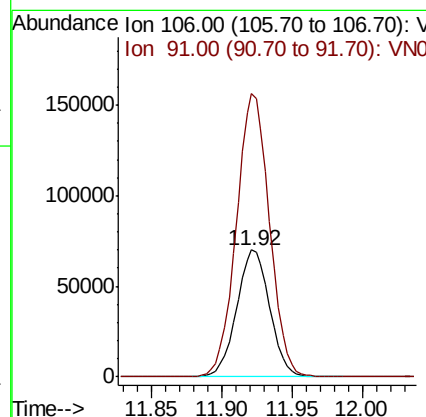
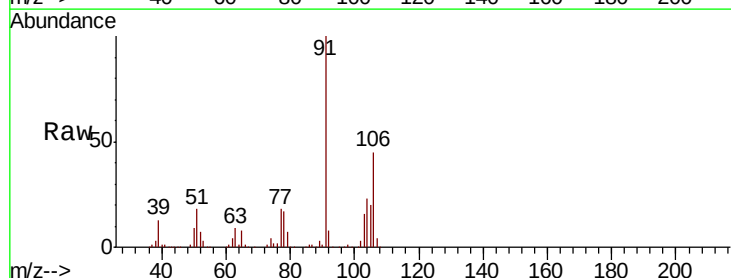
Instrument :
MSVOA_N
ClientSampled :

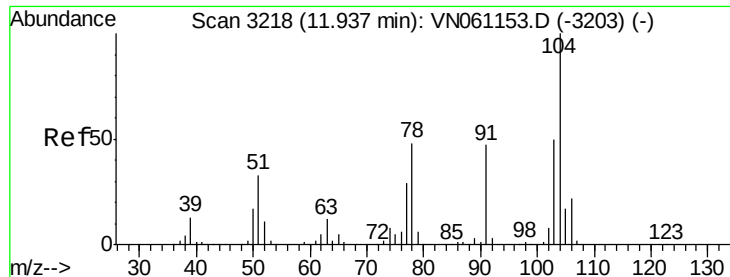
Tot Ion:106 Resp: 242608
Ion Ratio Lower Upper
106 100
91 211.3 166.4 249.6



#69
o-Xylene
Concen: 51.015 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion:106 Resp: 114973
Ion Ratio Lower Upper
106 100
91 223.6 109.7 329.0





#70

Stvrene

Concen: 52.611 ug/l

RT: 11.94 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampled :

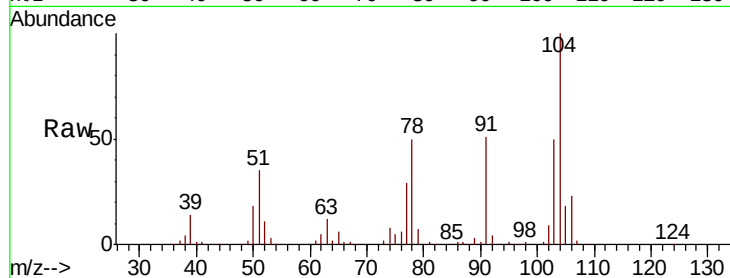
Tot Ion:104 Resp: 198449

Ion Ratio Lower Upper

104 100

78 54.5 42.1 63.1

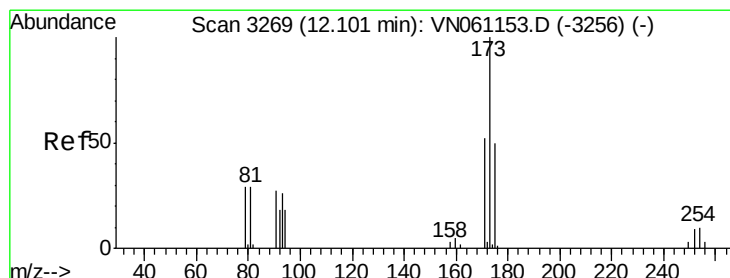
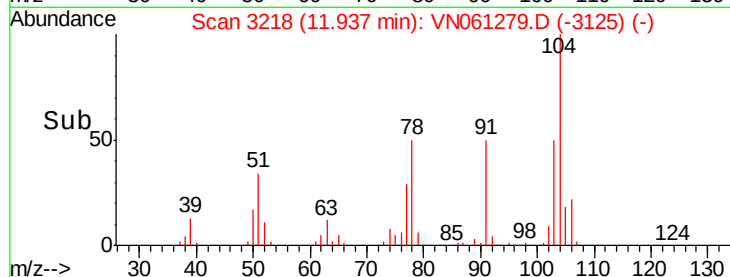
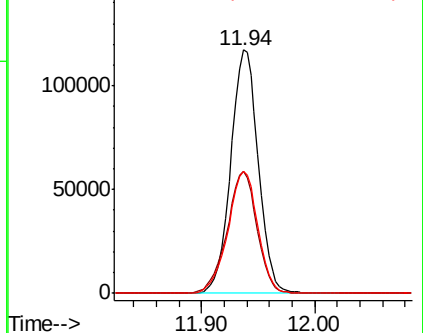
103 54.3 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 54.033 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

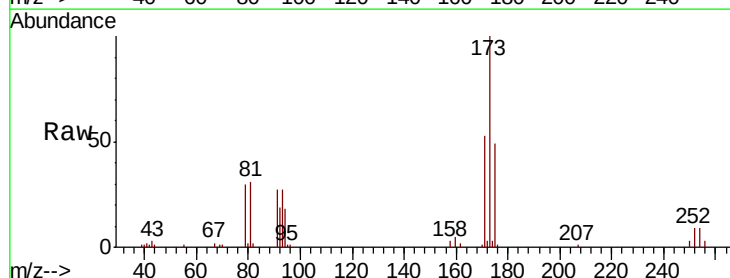
Tgt Ion:173 Resp: 48668

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

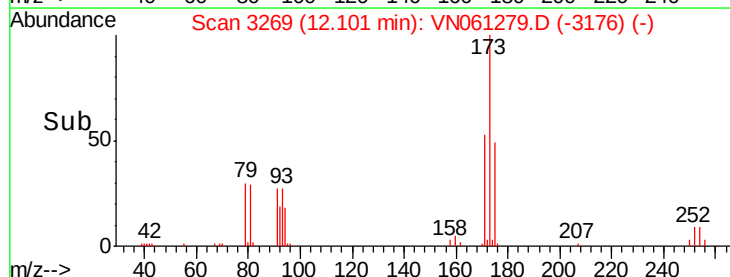
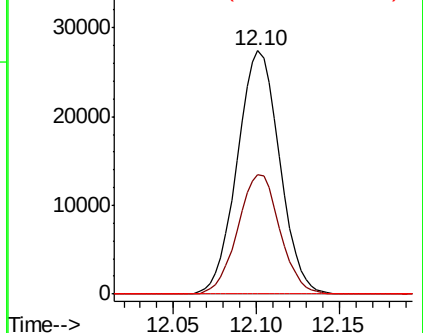
254 0.0 0.0 0.0

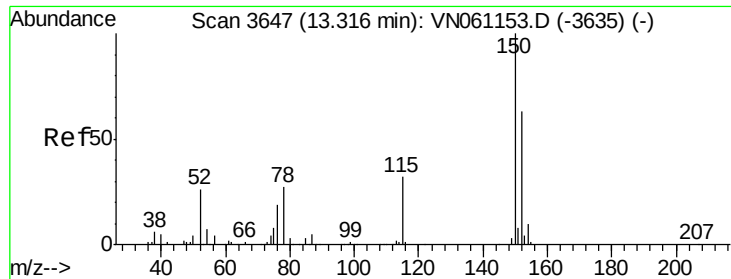


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

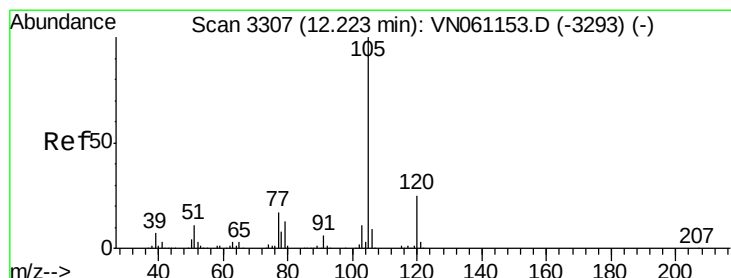
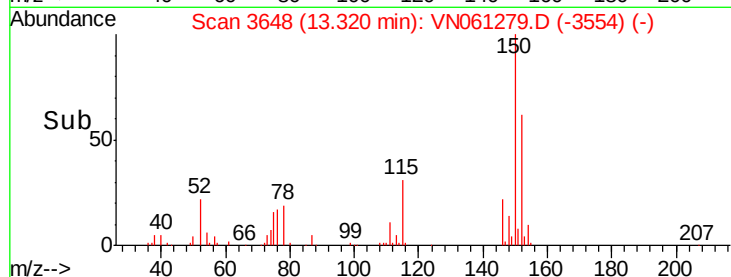
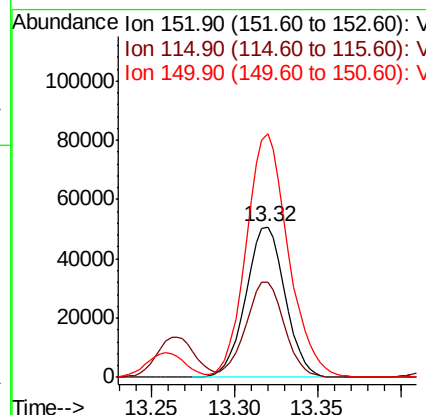
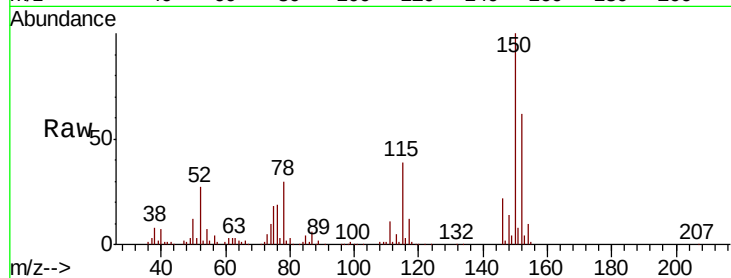




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3648
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

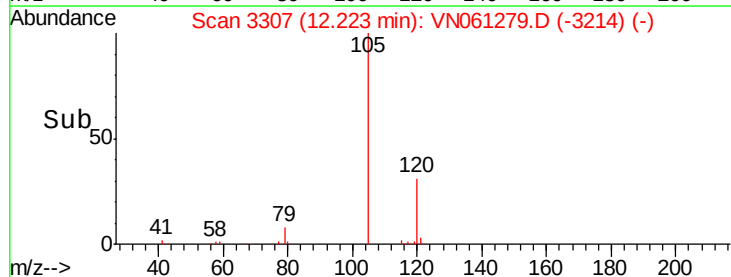
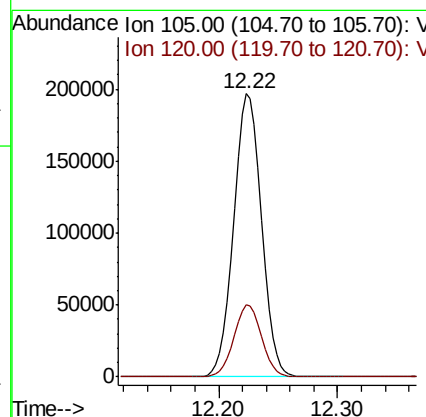
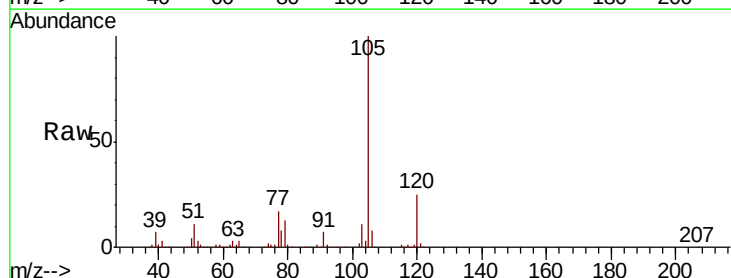
Instrument :
 MSVOA_N
 ClientSampleId :

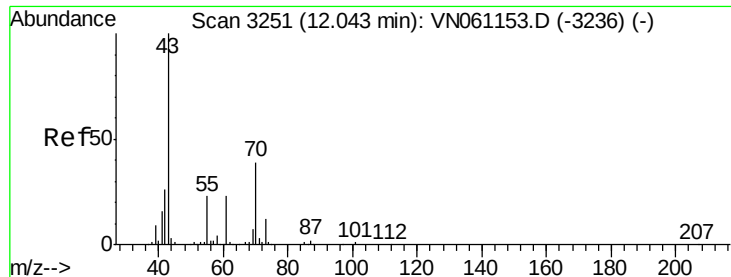
Tot Ion:152 Resp: 83549
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.0 93.0
 150 173.3 0.0 351.8



#73
 Isopropylbenzene
 Concen: 51.847 ug/l
 RT: 12.22 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion:105 Resp: 318448
 Ion Ratio Lower Upper
 105 100
 120 25.2 12.6 37.8

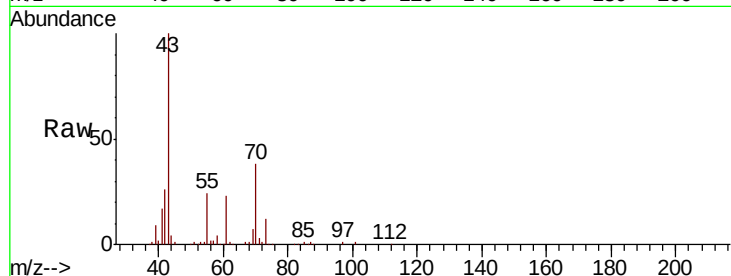




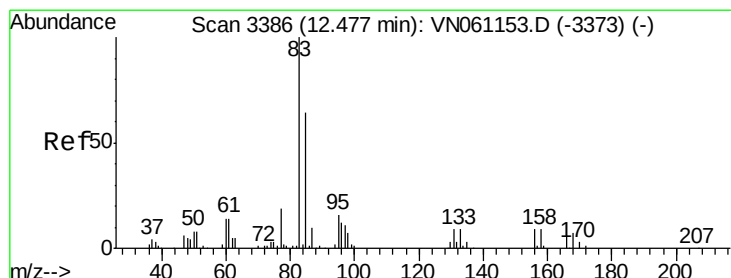
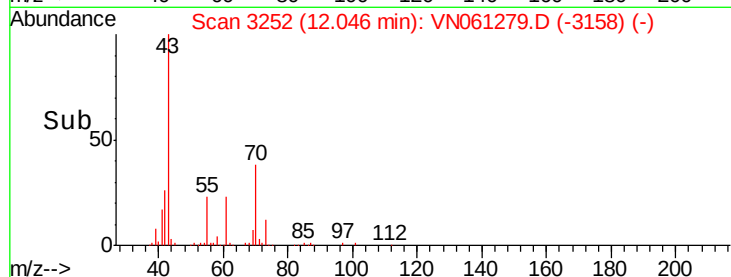
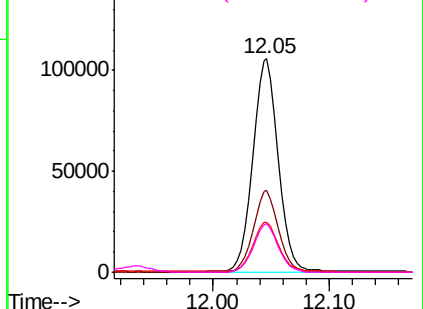
#74
N-amyl acetate
Concen: 52.284 ug/l
RT: 12.05 min Scan# 3252
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 162616
Ion Ratio Lower Upper
43 100
70 37.7 30.6 46.0
55 23.9 18.5 27.7
61 22.2 17.9 26.9

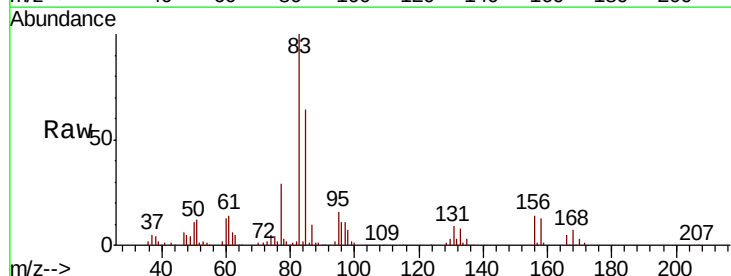


Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 70.00 (69.70 to 70.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 61.00 (60.70 to 61.70): VNO

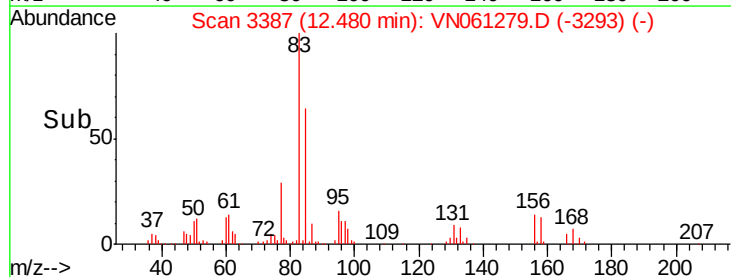
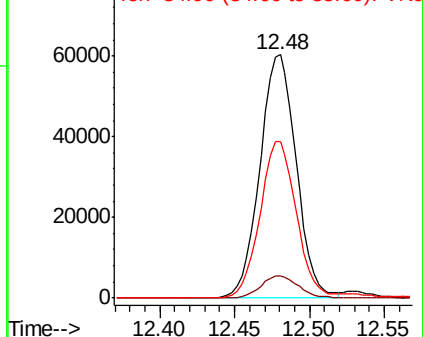


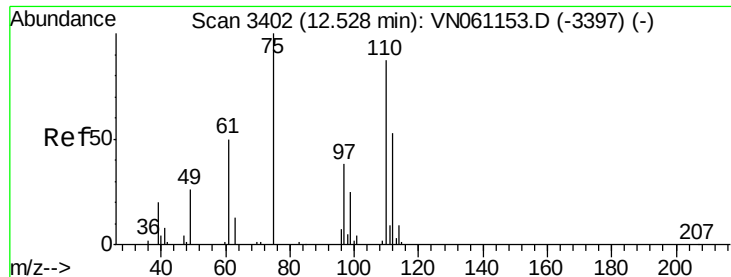
#75
1,1,2,2-Tetrachloroethane
Concen: 53.314 ug/l
RT: 12.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VN061279.D
Acq: 4 May 2020 15:40

Tgt Ion: 83 Resp: 102107
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 80.093 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

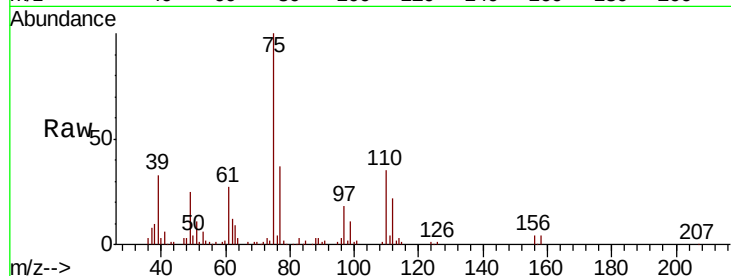
ClientSampled :

Tot Ion: 75 Resp: 141079

Ion Ratio Lower Upper

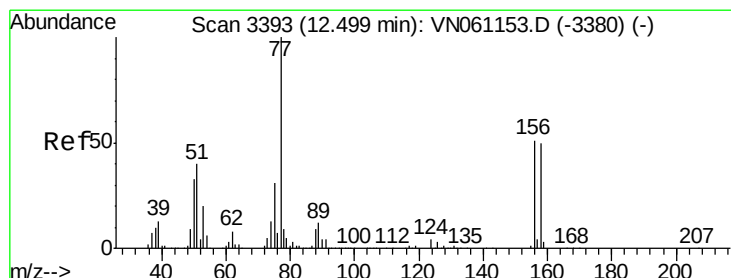
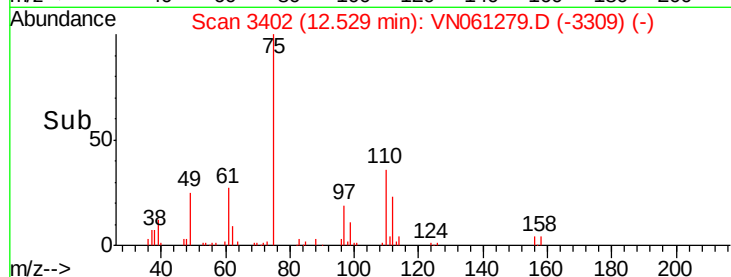
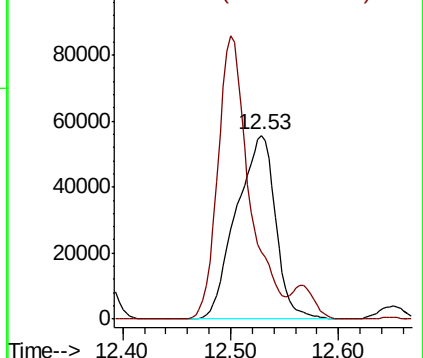
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061279.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061279.D (-3309) (-)



#77

Bromobenzene

Concen: 50.779 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

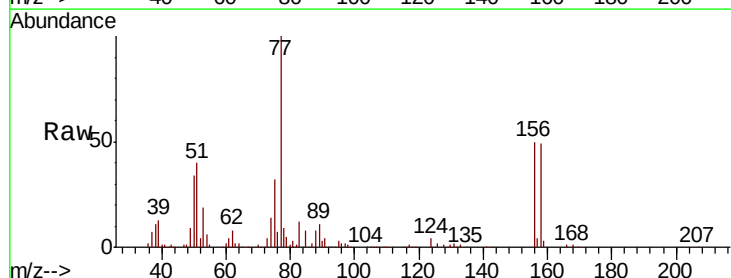
Tgt Ion: 156 Resp: 71998

Ion Ratio Lower Upper

156 100

77 242.0 117.4 352.2

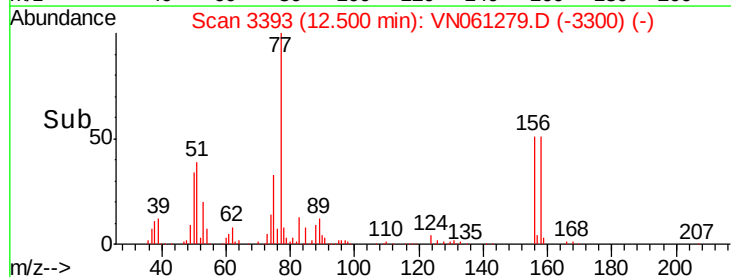
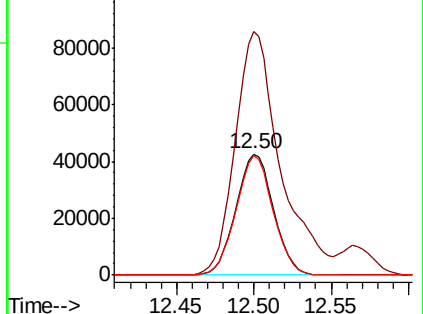
158 97.2 48.4 145.0

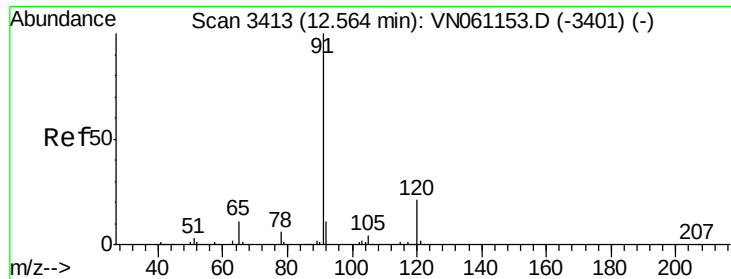


Abundance Ion 155.80 (155.50 to 156.50): VN061279.D (-3300) (-)

Ion 77.00 (76.70 to 77.70): VN061279.D (-3300) (-)

Ion 157.80 (157.50 to 158.50): VN061279.D (-3300) (-)





#78

n-propylbenzene

Concen: 52.552 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

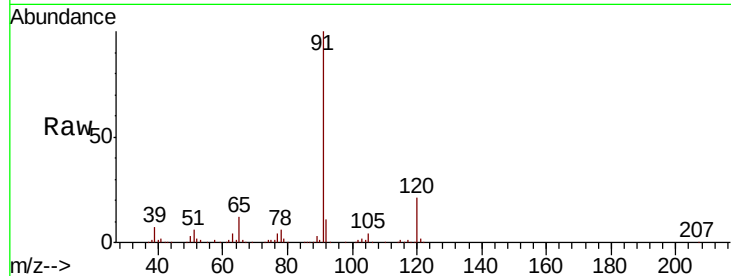
ClientSampled :

Tot Ion: 91 Resp: 382852

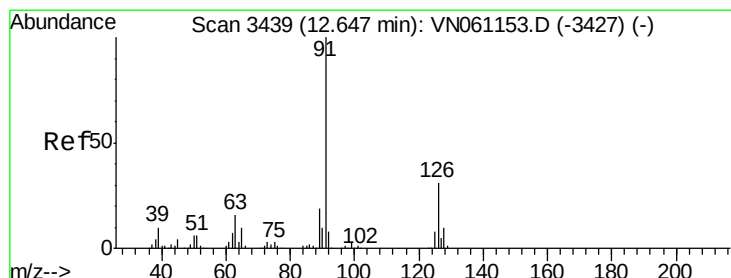
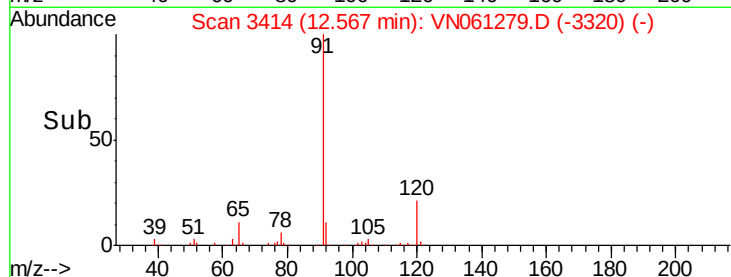
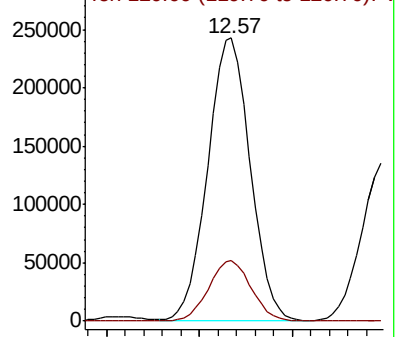
Ion Ratio Lower Upper

91 100

120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3401) (-)



#79

2-Chlorotoluene

Concen: 51.847 ug/l

RT: 12.65 min Scan# 3440

Delta R.T. 0.00 min

Lab File: VN061279.D

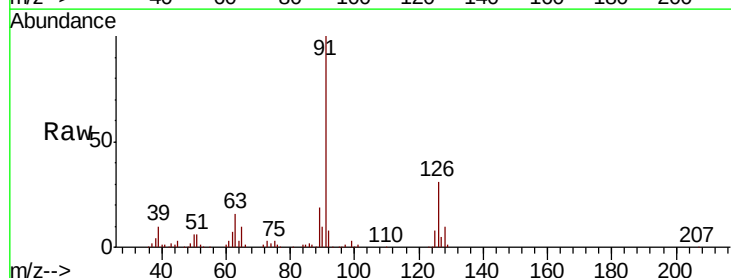
Acq: 4 May 2020 15:40

Tgt Ion: 91 Resp: 222012

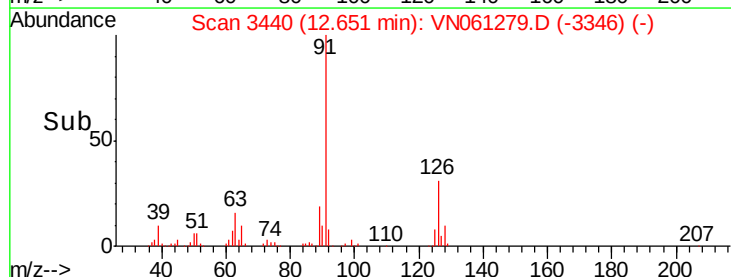
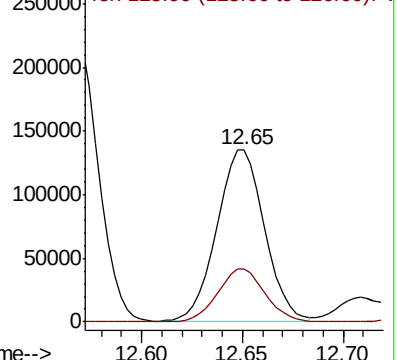
Ion Ratio Lower Upper

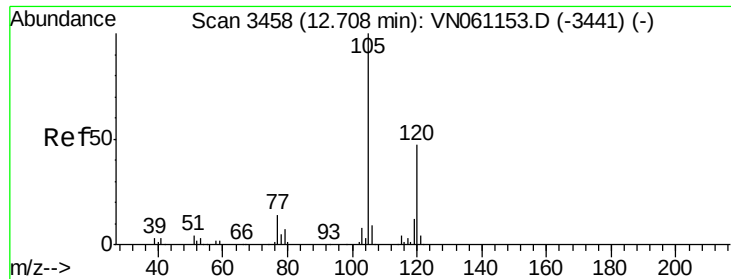
91 100

126 30.8 15.9 47.7



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

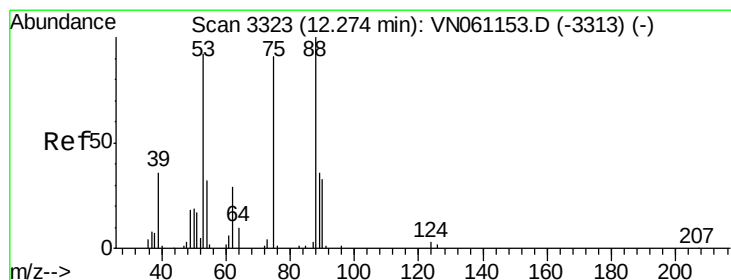
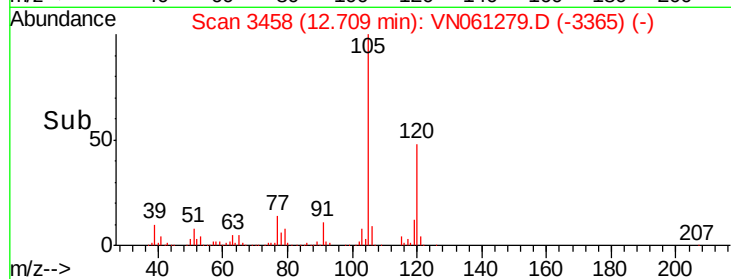
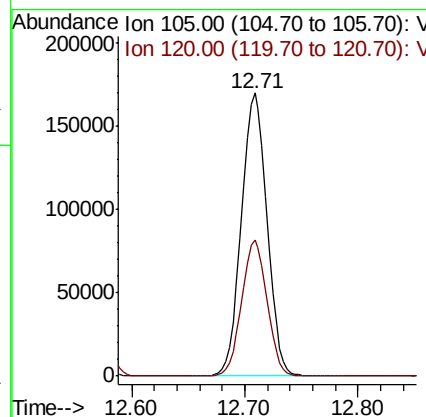
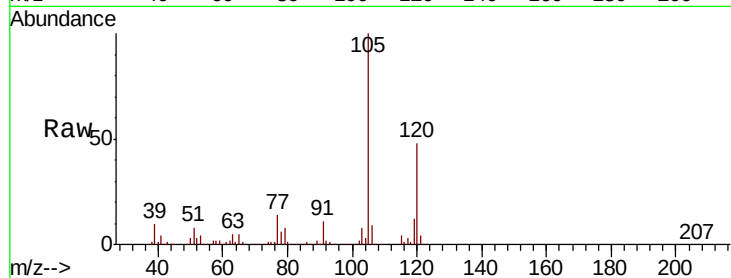




#80
 1,3,5-Trimethylbenzene
 Concen: 52.834 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

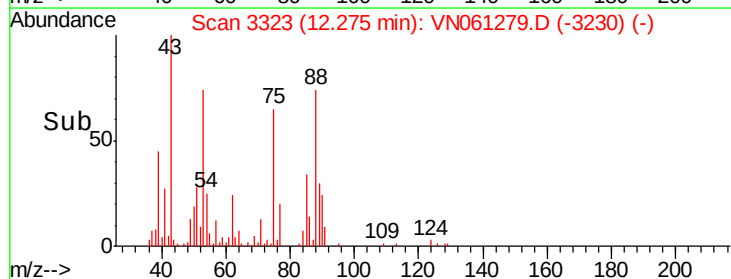
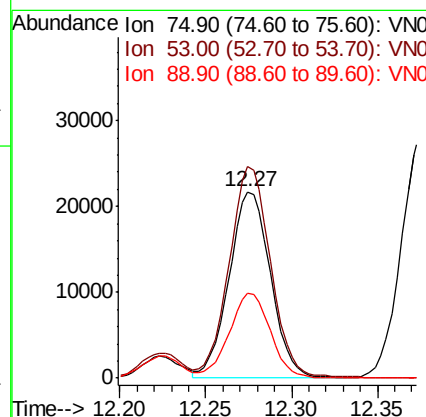
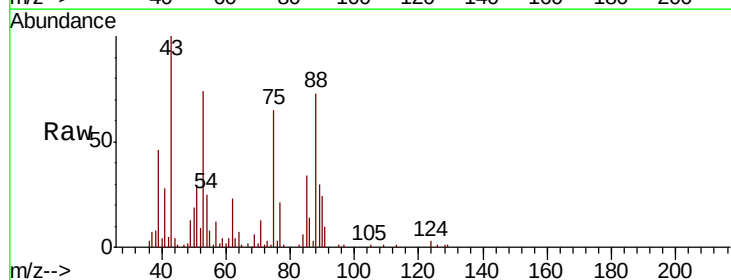
Instrument :
 MSVOA_N
 ClientSampled :

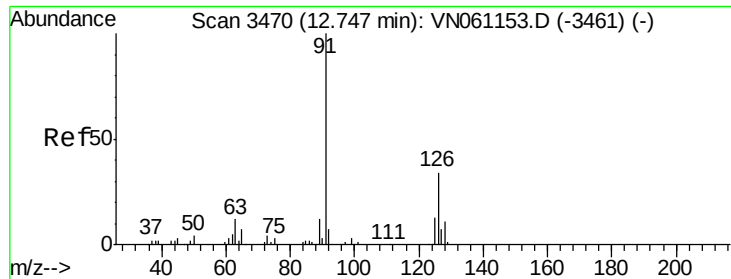
Tot Ion:105 Resp: 268585
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.862 ug/l
 RT: 12.27 min Scan# 3323
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion: 75 Resp: 36666
 Ion Ratio Lower Upper
 75 100
 53 113.6 84.1 126.1
 89 44.6 35.2 52.8





#82

4-Chlorotoluene

Concen: 52.303 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

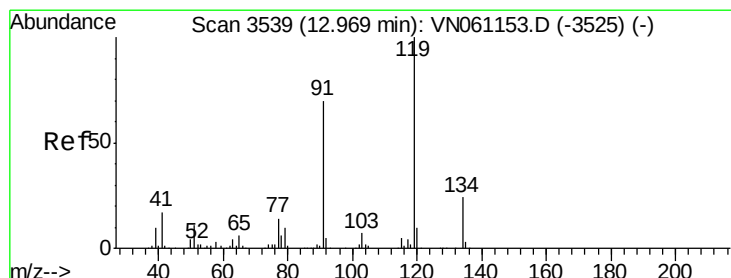
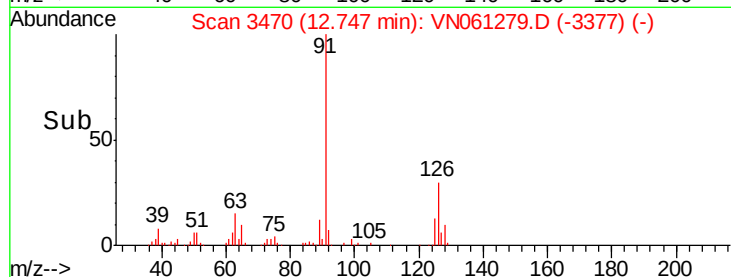
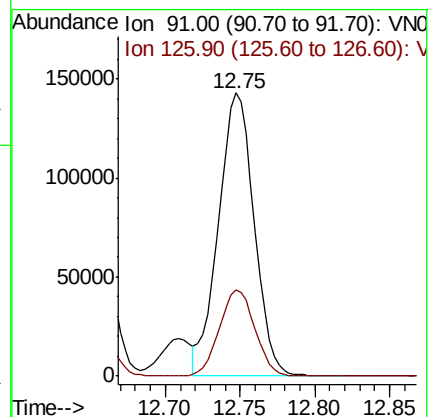
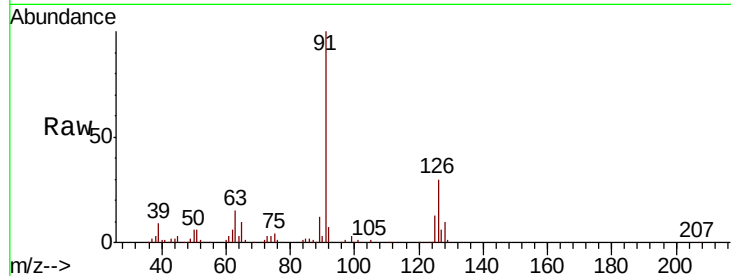
ClientSampled :

Tot Ion: 91 Resp: 236051

Ion Ratio Lower Upper

91 100

126 30.6 15.7 47.1



#83

tert-Butylbenzene

Concen: 55.068 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

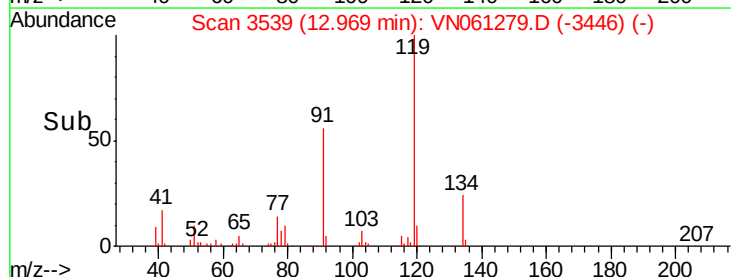
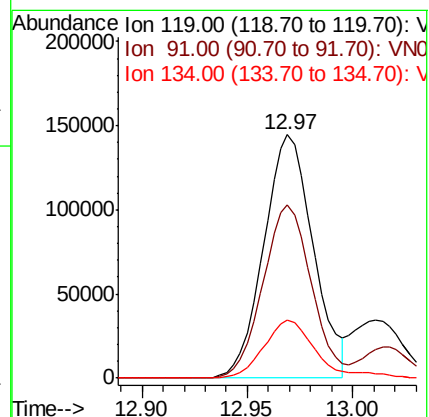
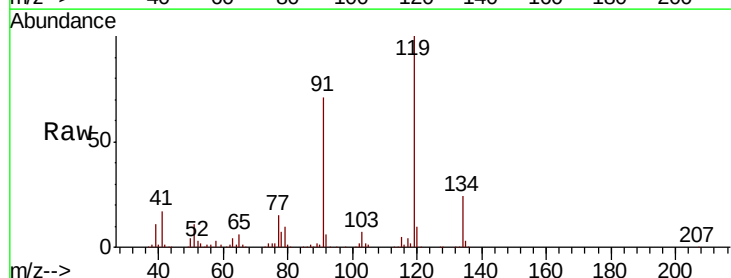
Tgt Ion: 119 Resp: 236050

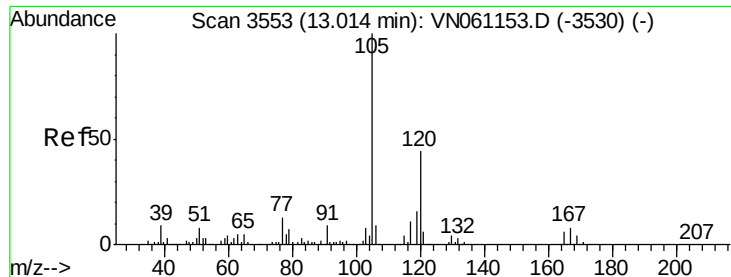
Ion Ratio Lower Upper

119 100

91 69.9 34.8 104.4

134 25.1 12.9 38.7

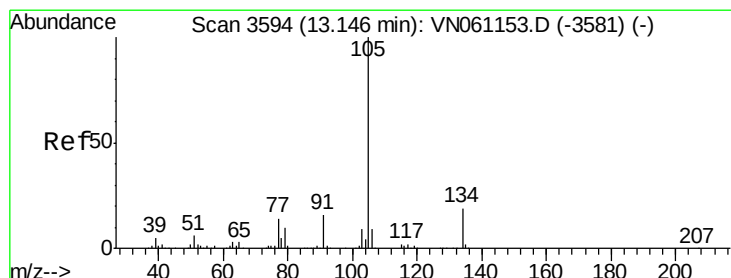
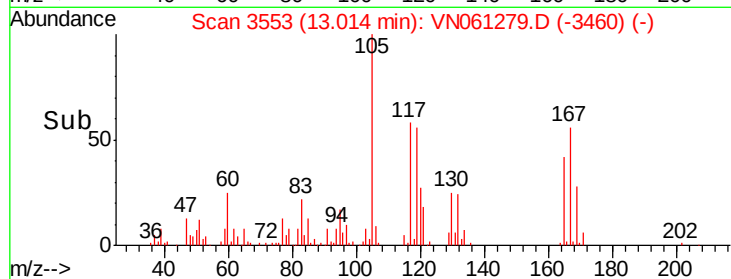
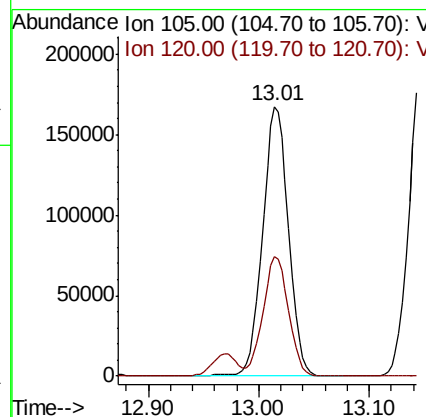
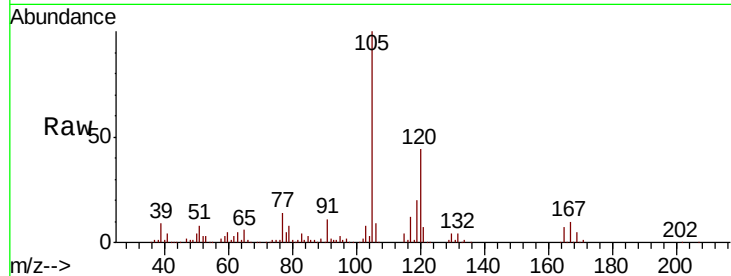




#84
 1,2,4-Trimethylbenzene
 Concen: 51.782 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

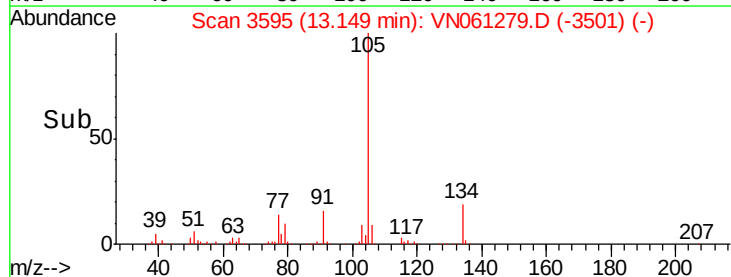
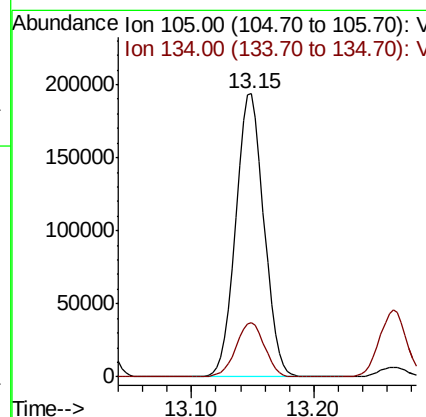
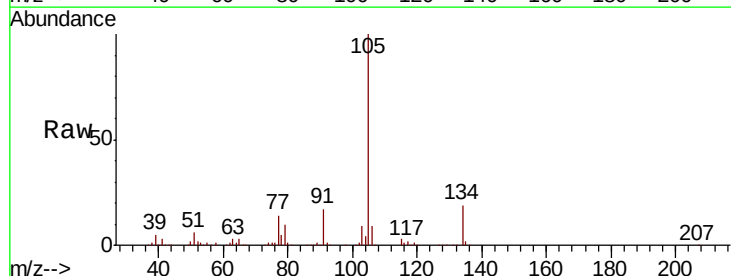
Instrument :
 MSVOA_N
 ClientSampleId :

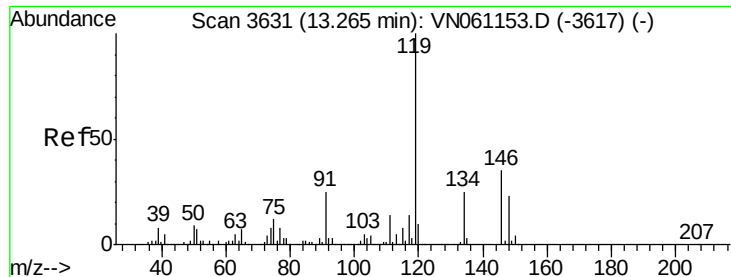
Tot Ion:105 Resp: 271206
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 53.340 ug/l
 RT: 13.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion:105 Resp: 311724
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.8

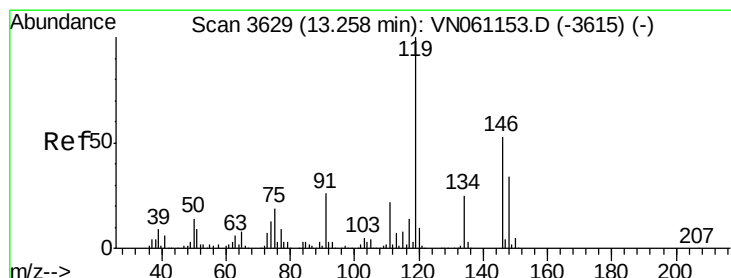
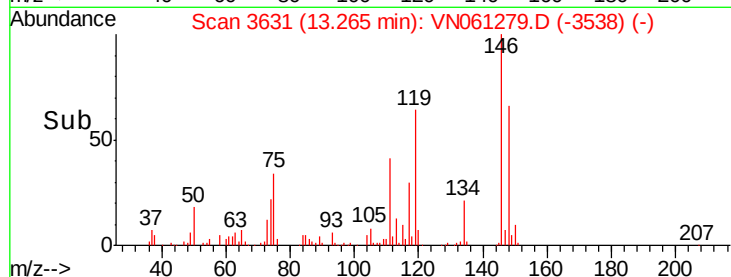
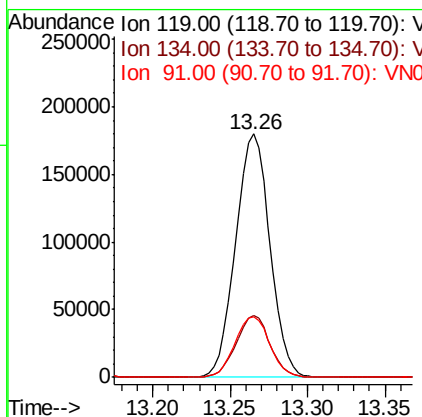
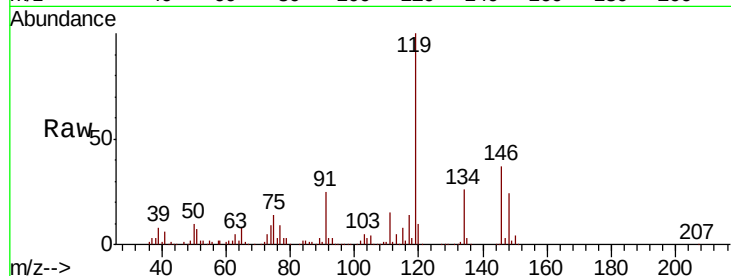




#86
 p-Isopropyltoluene
 Concen: 52.494 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

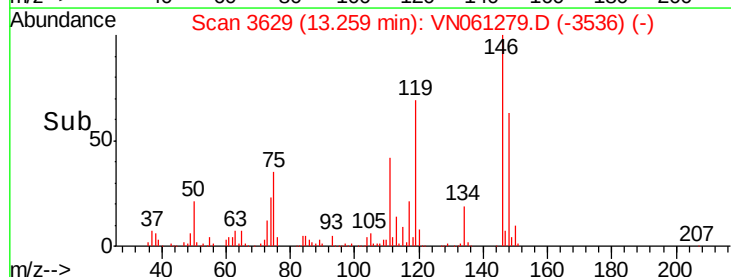
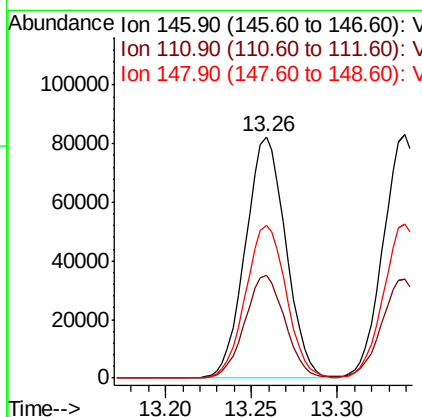
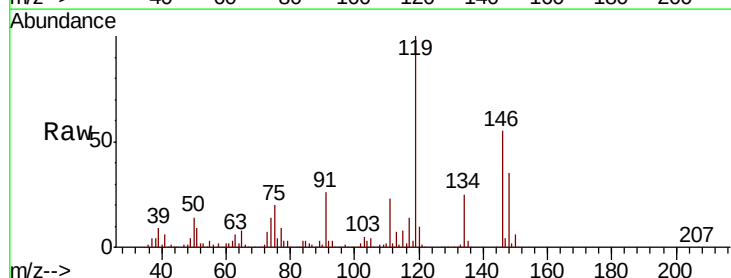
Instrument :
 MSVOA_N
 ClientSampled :

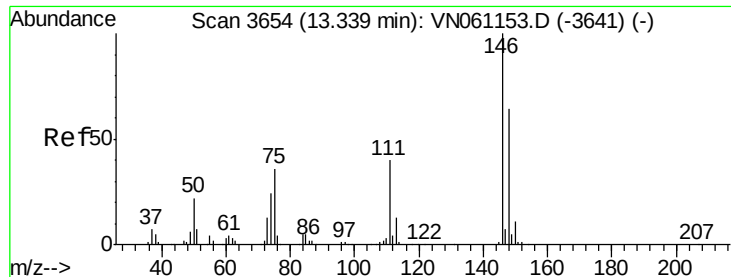
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.6	37.6
91	25.3	12.7	38.0



#87
 1,3-Dichlorobenzene
 Concen: 51.300 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.7	62.1
148	63.7	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 50.705 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampled :

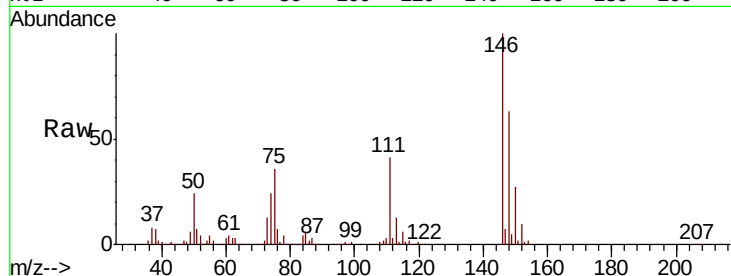
Tot Ion:146 Resp: 135227

Ion Ratio Lower Upper

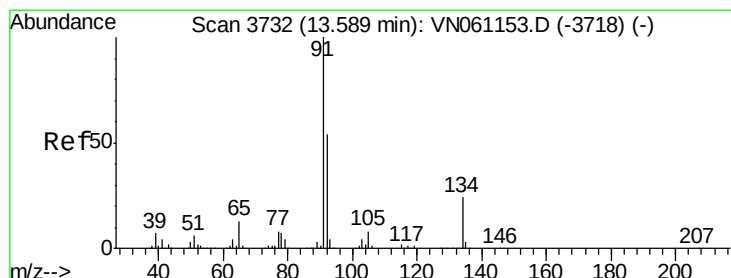
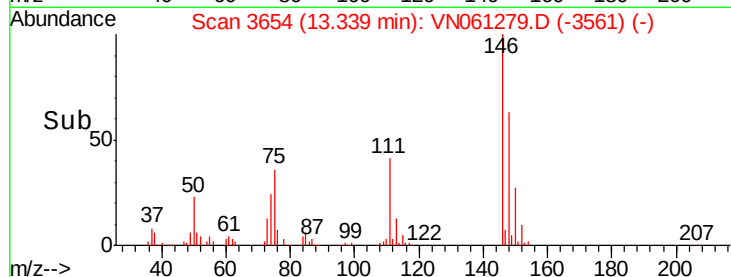
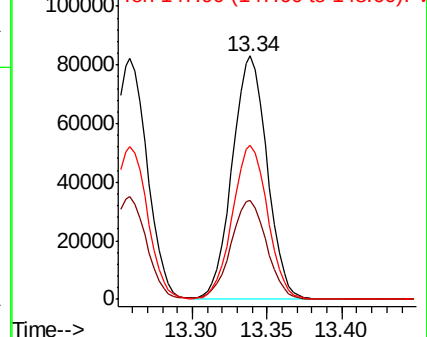
146 100

111 41.8 20.4 61.3

148 63.7 31.9 95.7



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



#89

n-Butylbenzene

Concen: 55.040 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

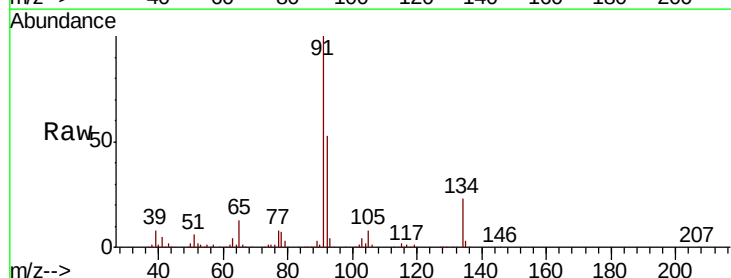
Tgt Ion: 91 Resp: 265683

Ion Ratio Lower Upper

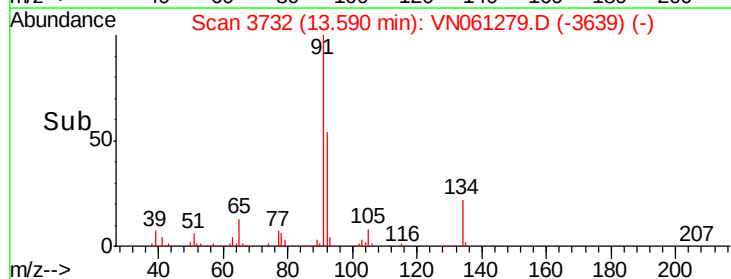
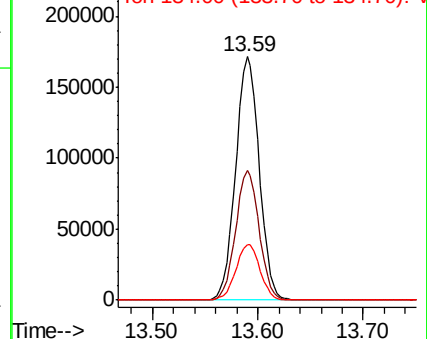
91 100

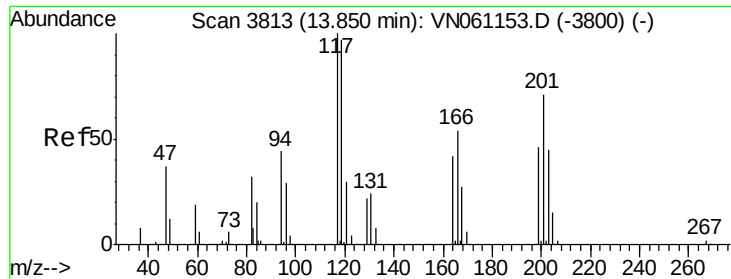
92 52.9 26.8 80.3

134 23.5 11.9 35.5



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





#90

Hexachloroethane

Concen: 58.885 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

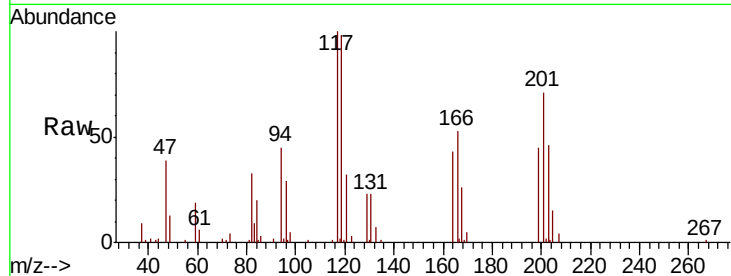
ClientSampled :

Tot Ion:117 Resp: 33219

Ion Ratio Lower Upper

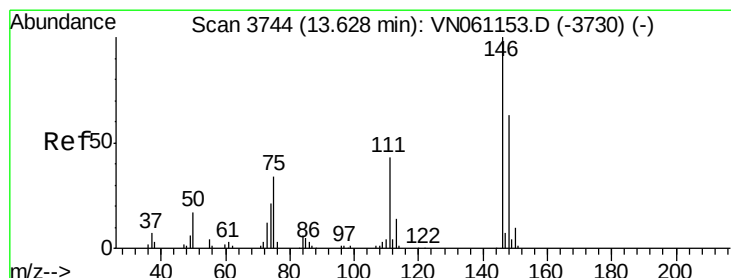
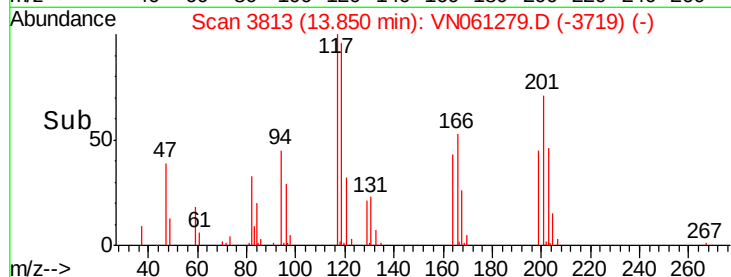
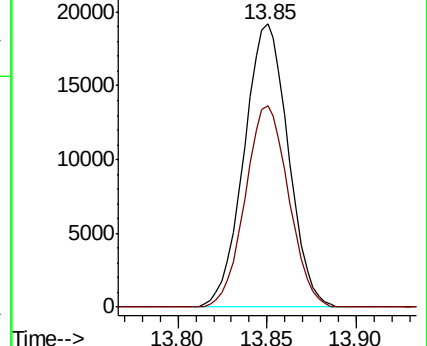
117 100

201 70.0 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: 51.670 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

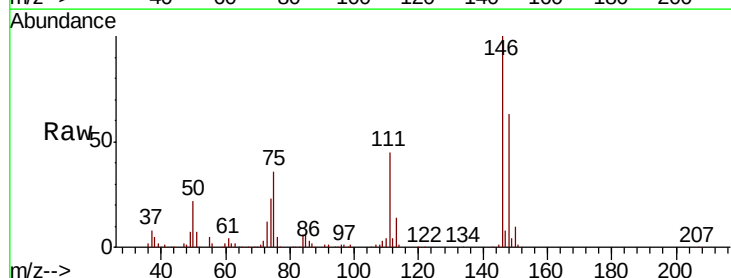
Tgt Ion:146 Resp: 129316

Ion Ratio Lower Upper

146 100

111 43.8 21.8 65.3

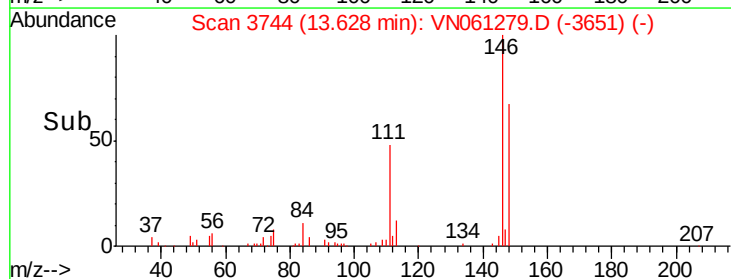
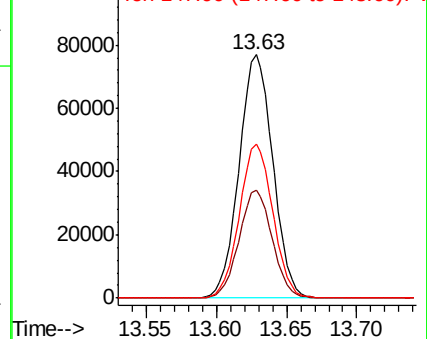
148 62.6 31.6 95.0

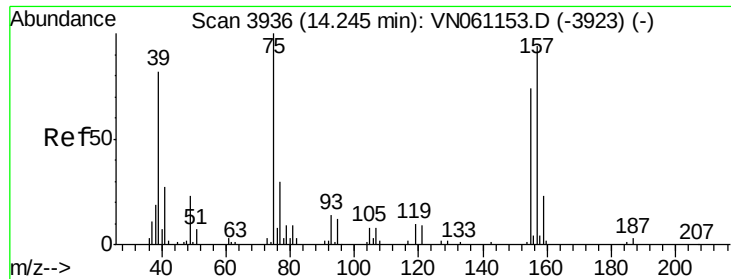


Abundance Ion 145.90 (145.60 to 146.60): V

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: 53.324 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

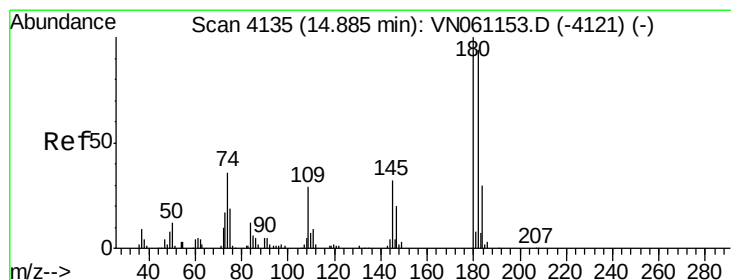
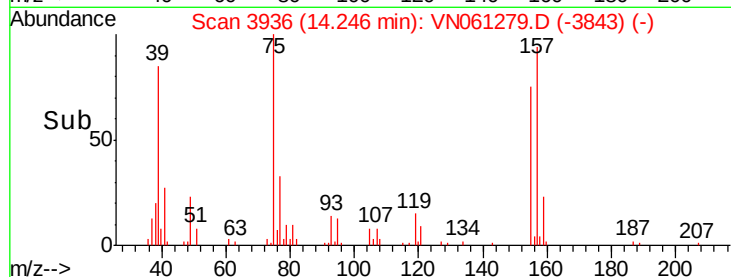
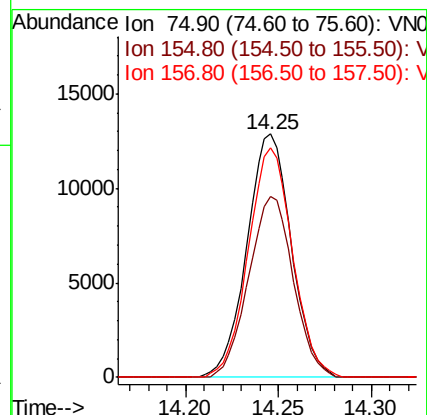
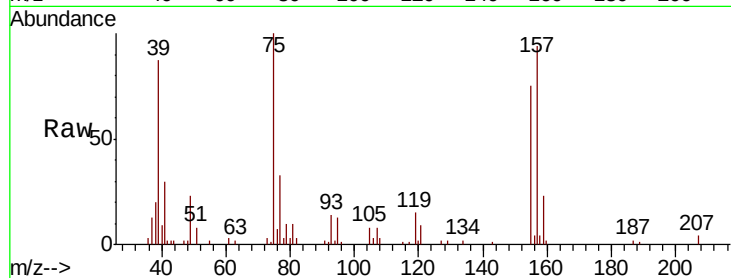
Tot Ion: 75 Resp: 21569

Ion Ratio Lower Upper

75 100

155 74.2 36.5 109.7

157 93.6 46.6 139.7



#93

1,2,4-Trichlorobenzene

Concen: 51.104 ug/l

RT: 14.89 min Scan# 4135

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

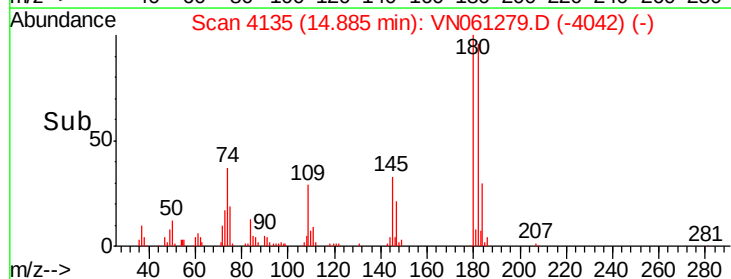
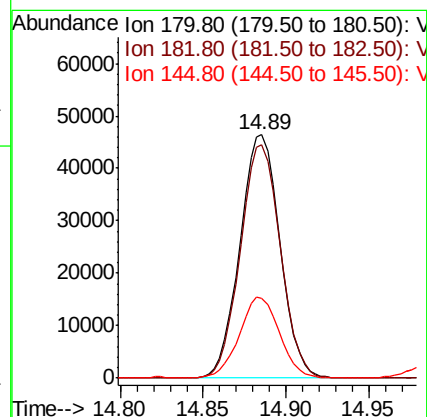
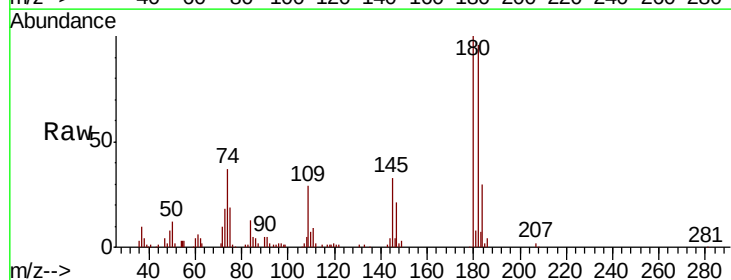
Tgt Ion: 180 Resp: 77884

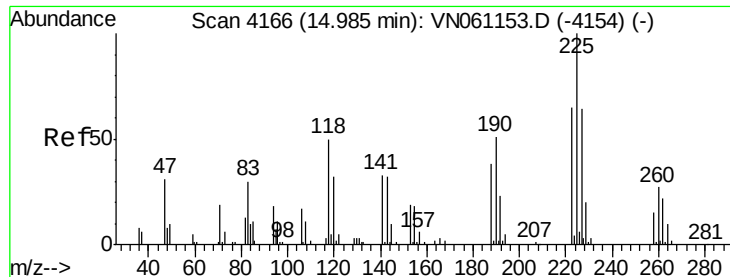
Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.9

145 33.4 16.0 47.9





#94

Hexachlorobutadiene

Concen: 53.511 ug/l

RT: 14.99 min Scan# 4166

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

Instrument :

MSVOA_N

ClientSampled :

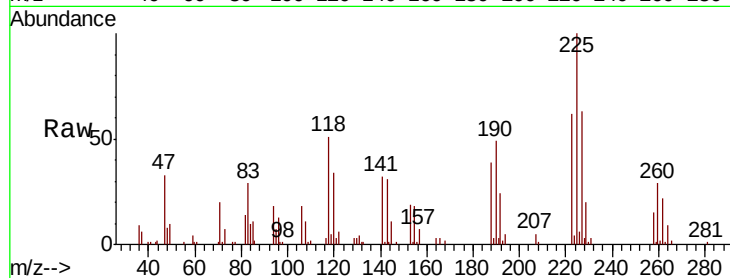
Tot Ion:225 Resp: 34070

Ion Ratio Lower Upper

225 100

223 62.2 32.4 97.0

227 63.5 32.4 97.0

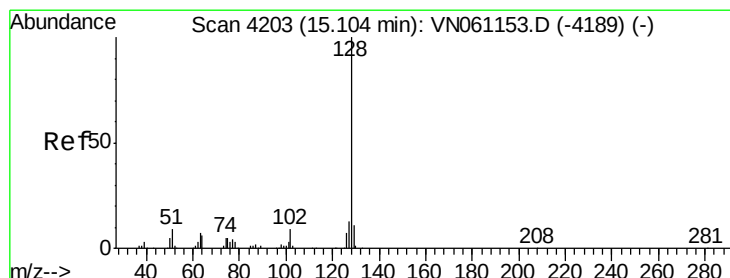
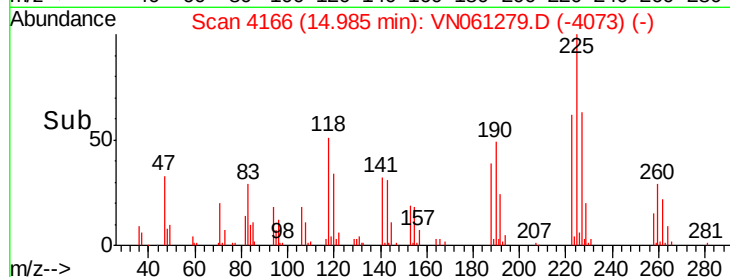
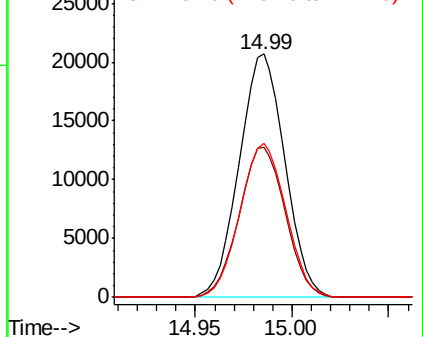


Abundance

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: 51.143 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061279.D

Acq: 4 May 2020 15:40

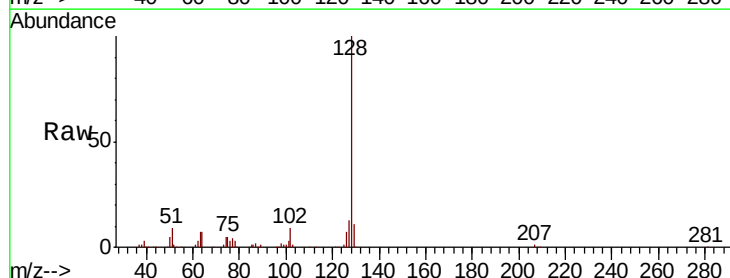
Tgt Ion:128 Resp: 253838

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.9 8.7 13.1

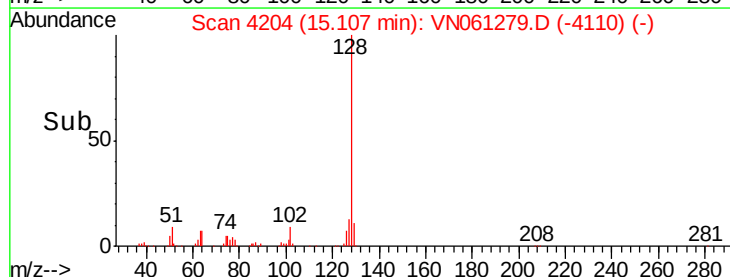
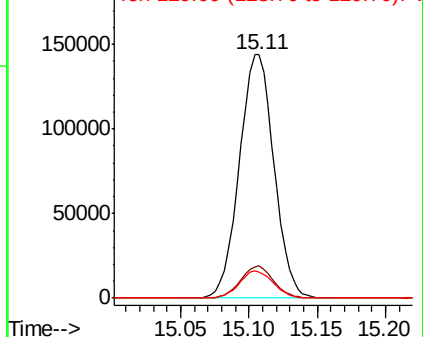


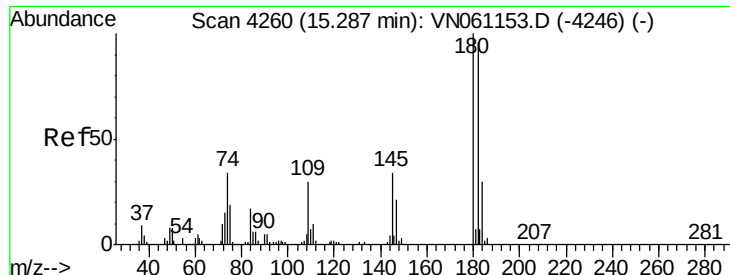
Abundance

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: 51.108 ug/l
 RT: 15.28 min Scan# 4259
 Delta R.T. -0.00 min
 Lab File: VN061279.D
 Acq: 4 May 2020 15:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.5
145	34.6	16.9	50.7

