

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061266.D
 Acq On : 2 May 2020 10:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 04 06:48:12 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	7.62	168	101343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	170423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83852	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	79906	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
35) Dibromofluoromethane	7.55	113	44568	42.99	ug/l	0.00
Spiked Amount			Recovery	=	85.98%	
50) Toluene-d8	10.06	98	212151	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.37	95	79188	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	52325	48.690	ug/l	98
3) Chloromethane	2.03	50	75381	57.916	ug/l	98
4) Vinyl Chloride	2.15	62	88316	59.741	ug/l	99
5) Bromomethane	2.52	94	32629	44.652	ug/l	99
6) Chloroethane	2.66	64	49422	52.745	ug/l	99
7) Trichlorofluoromethane	2.98	101	95251	57.110	ug/l	99
8) Diethyl Ether	3.37	74	39730	57.110	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	54107	50.356	ug/l	100
10) Methyl Iodide	3.91	142	57238	41.451	ug/l	99
11) Tert butyl alcohol	4.73	59	69867	325.252	ug/l	100
12) 1,1-Dichloroethene	3.69	96	53563	50.094	ug/l	99
13) Acrolein	3.56	56	34766	242.865	ug/l	97
14) Allyl chloride	4.27	41	114447	57.726	ug/l	97
15) Acrylonitrile	4.93	53	201028	304.862	ug/l	100
16) Acetone	3.77	43	177489	287.011	ug/l	98
17) Carbon Disulfide	4.01	76	121937	41.284	ug/l	99
18) Methyl Acetate	4.27	43	105744	52.210	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	212935	52.117	ug/l	100
20) Methylene Chloride	4.49	84	65223	52.162	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	60251	51.748	ug/l	99
22) Diisopropyl ether	5.90	45	253577	55.156	ug/l	98
23) Vinyl Acetate	5.84	43	1031165	278.560	ug/l	99
24) 1,1-Dichloroethane	5.79	63	125879	52.404	ug/l	99
25) 2-Butanone	6.78	43	286122	301.538	ug/l	99
26) 2,2-Dichloropropane	6.77	77	71602	35.390	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	87190	63.813	ug/l	95
28) Bromochloromethane	7.15	49	56397	49.535	ug/l	97
29) Tetrahydrofuran	7.16	42	194637	304.508	ug/l	98
30) Chloroform	7.33	83	123110	50.574	ug/l	99
31) Cyclohexane	7.61	56	107084	45.904	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	104144	49.131	ug/l	99
36) 1,1-Dichloropropene	7.75	75	89124	50.787	ug/l	99
37) Ethyl Acetate	6.88	43	119429	58.051	ug/l	100
38) Carbon Tetrachloride	7.73	117	80155	50.059	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	94097	47.813	ug/l	97
40) Benzene	8.00	78	269636	51.573	ug/l	100
41) Methacrylonitrile	7.16	41	175912	205.941	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	105671	53.352	ug/l	99
43) Isopropyl Acetate	8.12	43	189230	55.422	ug/l	99
44) Trichloroethene	8.80	130	66920	47.349	ug/l	97
45) 1,2-Dichloropropane	9.08	63	73569	52.671	ug/l	100
46) Dibromomethane	9.17	93	45864	53.032	ug/l	98
47) Bromodichloromethane	9.37	83	99087	53.379	ug/l	97
48) Methyl methacrylate	9.17	41	88392	57.371	ug/l	99
49) 1,4-Dioxane	9.16	88	24599	1406.538	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	606147	301.607	ug/l	100
52) Toluene	10.12	92	163799	52.014	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	103165	49.323	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	108960	49.275	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	65560	52.194	ug/l	98
56) Ethyl methacrylate	10.40	69	109144	49.871	ug/l	98
57) 1,3-Dichloropropane	10.68	76	118919	53.861	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	279594	274.992	ug/l	99
59) 2-Hexanone	10.72	43	452374	309.398	ug/l	99
60) Dibromochloromethane	10.87	129	70126	53.305	ug/l	99
61) 1,2-Dibromoethane	10.98	107	67983	53.999	ug/l	100
64) Tetrachloroethene	10.60	164	66936	45.348	ug/l	98
65) Chlorobenzene	11.41	112	165455	48.942	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	61281	50.647	ug/l	99
67) Ethyl Benzene	11.48	91	316715	50.046	ug/l	99
68) m/p-Xylenes	11.60	106	231487	99.933	ug/l	97
69) o-Xylene	11.92	106	108675	48.841	ug/l	96
70) Styrene	11.94	104	192108	51.585	ug/l	99
71) Bromoform	12.10	173	48579	54.629	ug/l #	99
73) Isopropylbenzene	12.22	105	300849	48.805	ug/l	100
74) N-amyl acetate	12.04	43	166613	53.376	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	100969	52.530	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	135302	76.536	ug/l #	100
77) Bromobenzene	12.50	156	69351	48.736	ug/l	97
78) n-propylbenzene	12.56	91	363211	49.676	ug/l	100
79) 2-Chlorotoluene	12.65	91	210180	48.907	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	256544	50.283	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	32726	47.011	ug/l	98
82) 4-Chlorotoluene	12.75	91	226621	50.032	ug/l	98
83) tert-Butylbenzene	12.97	119	211126	49.076	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	257682	49.022	ug/l	100
85) sec-Butylbenzene	13.15	105	291163	49.642	ug/l	99
86) p-Isopropyltoluene	13.26	119	261321	49.450	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	126663	48.351	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	128807	48.123	ug/l	100
89) n-Butylbenzene	13.59	91	242031	49.959	ug/l	98
90) Hexachloroethane	13.85	117	30897	55.130	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	123688	49.243	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22346	55.046	ug/l	96

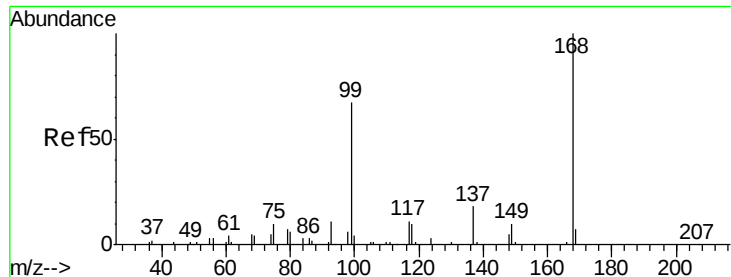
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	71776	46.926	ug/l	99
94) Hexachlorobutadiene	14.99	225	31179	48.793	ug/l	98
95) Naphthalene	15.10	128	242193	48.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	70618	46.762	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

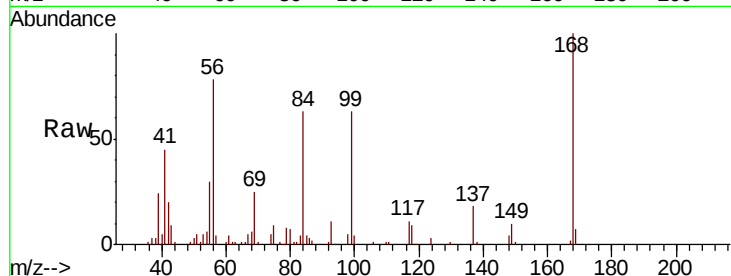
ClientSampled :

Tot Ion:168 Resp: 101343

Ion Ratio Lower Upper

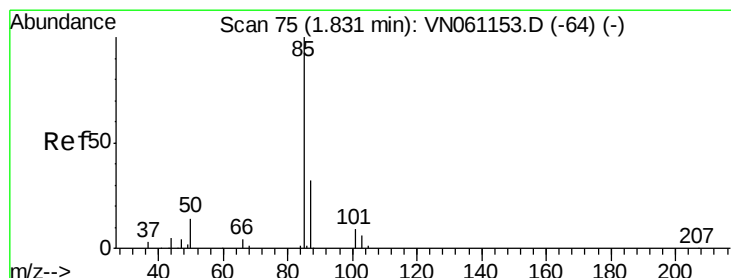
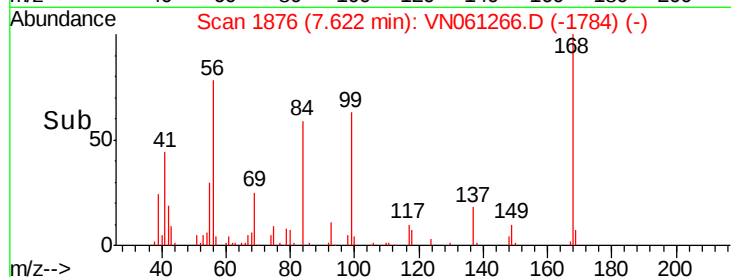
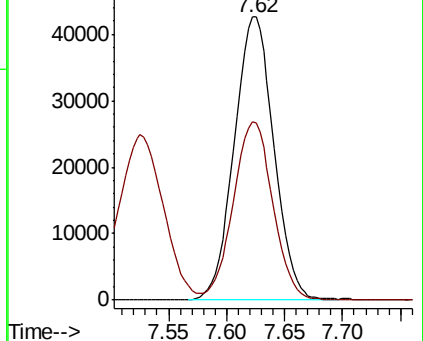
168 100

99 62.9 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.690 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061266.D

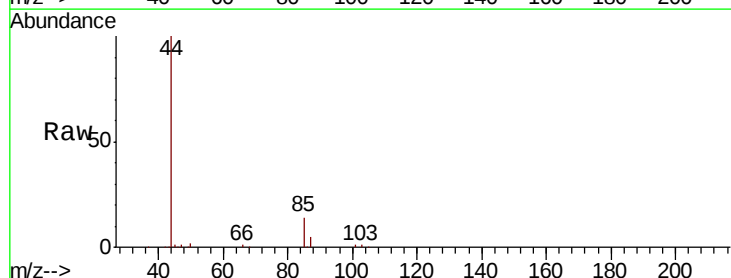
Acq: 2 May 2020 10:27

Tgt Ion: 85 Resp: 52325

Ion Ratio Lower Upper

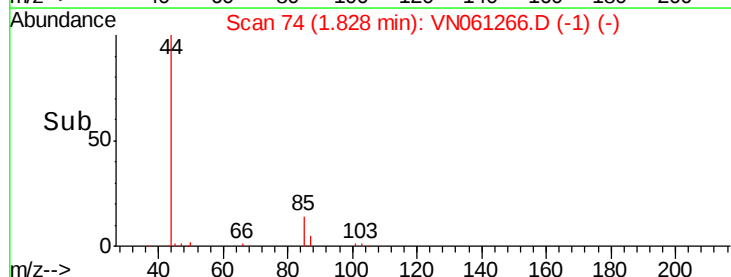
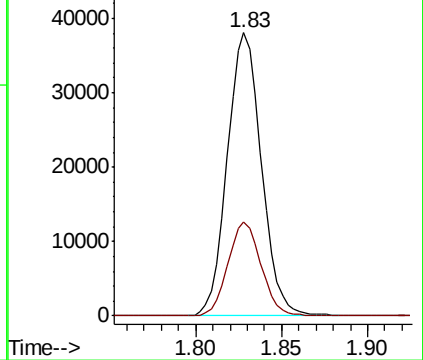
85 100

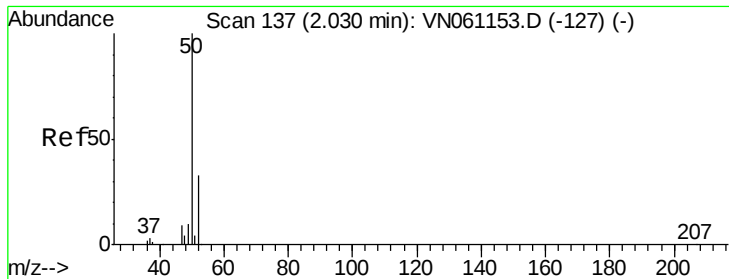
87 33.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 57.916 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

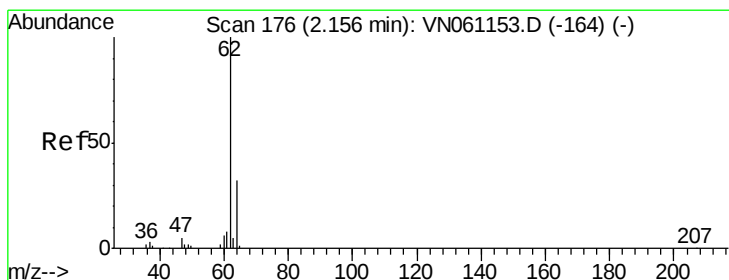
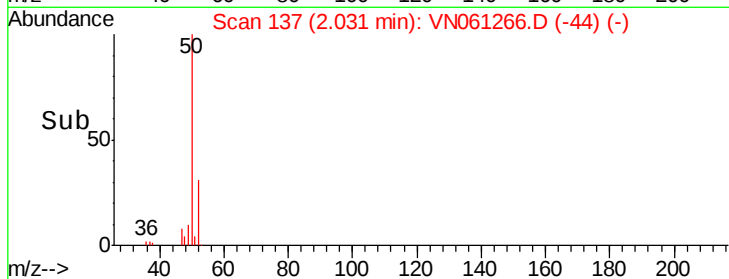
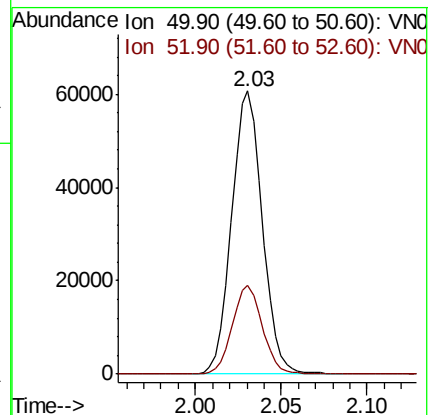
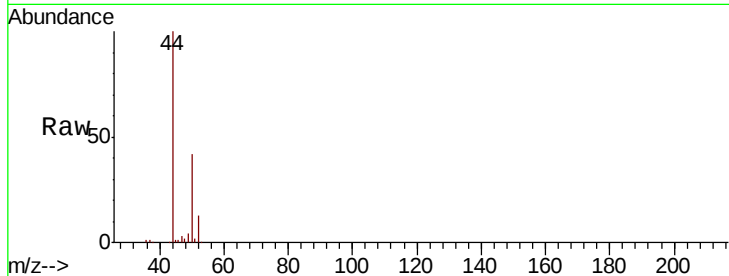
ClientSampleId :

Tot Ion: 50 Resp: 75381

Ion Ratio Lower Upper

50 100

52 31.3 26.0 39.0



#4

Vinyl Chloride

Concen: 59.741 ug/l

RT: 2.15 min Scan# 175

Delta R.T. -0.00 min

Lab File: VN061266.D

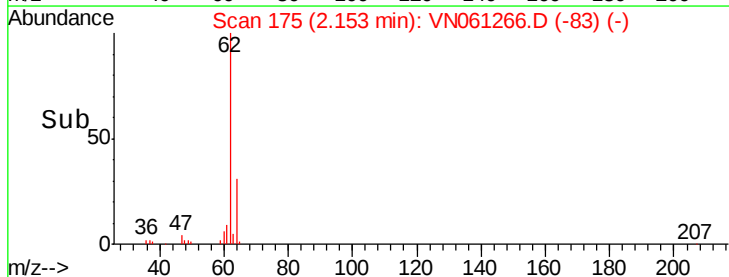
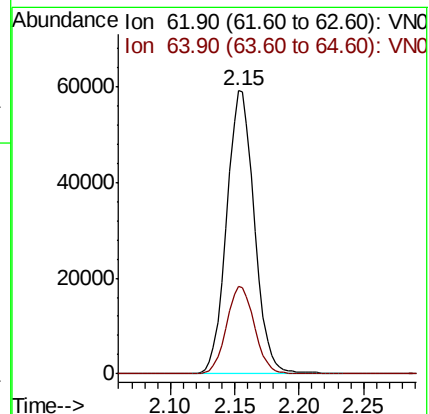
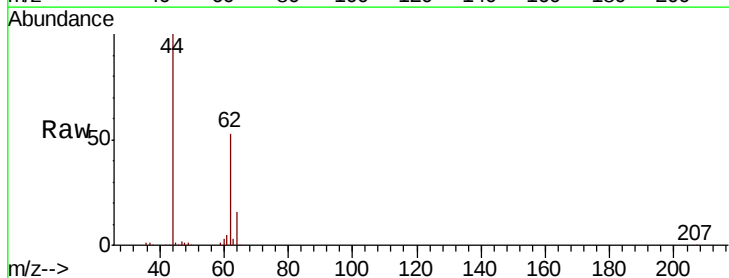
Acq: 2 May 2020 10:27

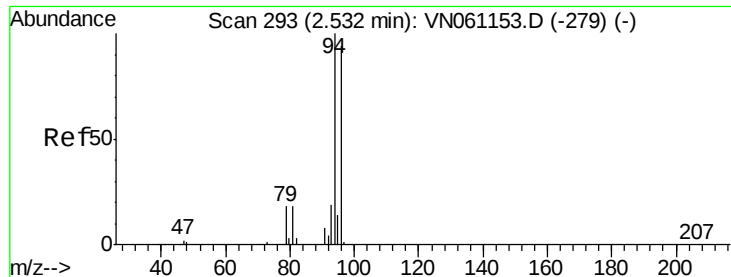
Tgt Ion: 62 Resp: 88316

Ion Ratio Lower Upper

62 100

64 31.0 25.2 37.8





#5

Bromomethane

Concen: 44.652 ug/l

RT: 2.52 min Scan# 290

Delta R.T. -0.01 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

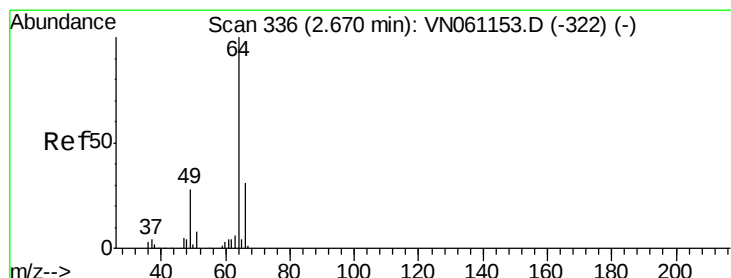
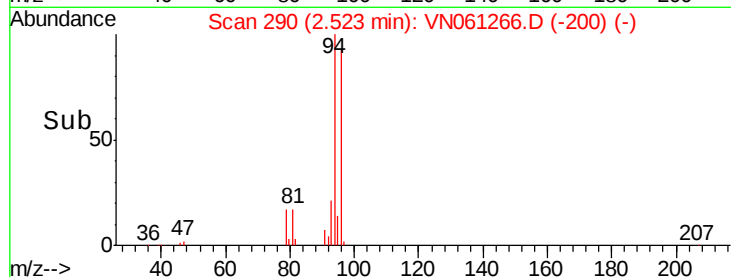
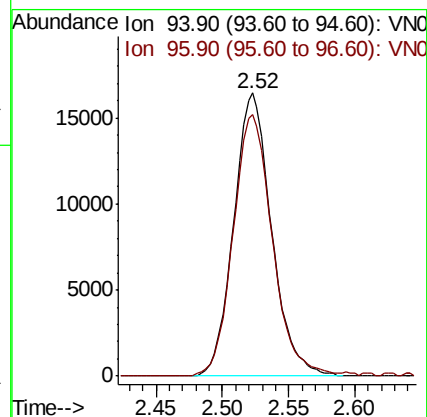
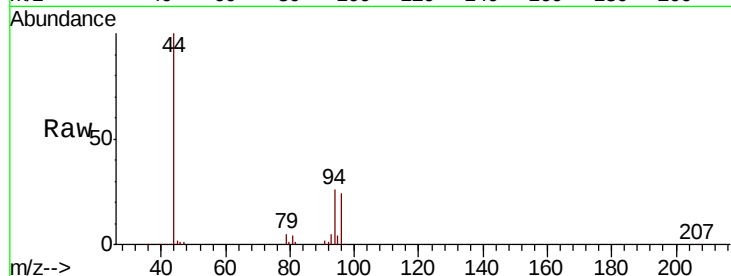
ClientSampled :

Tot Ion: 94 Resp: 32629

Ion Ratio Lower Upper

94 100

96 92.6 75.1 112.7



#6

Chloroethane

Concen: 52.745 ug/l

RT: 2.66 min Scan# 334

Delta R.T. -0.01 min

Lab File: VN061266.D

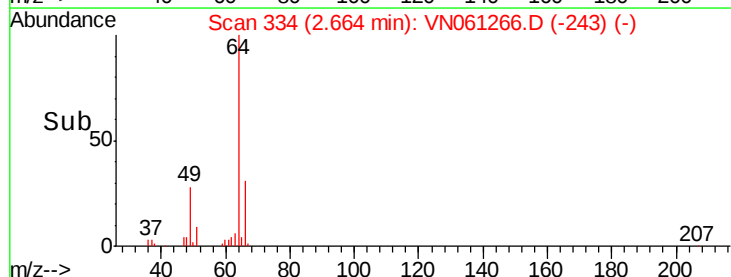
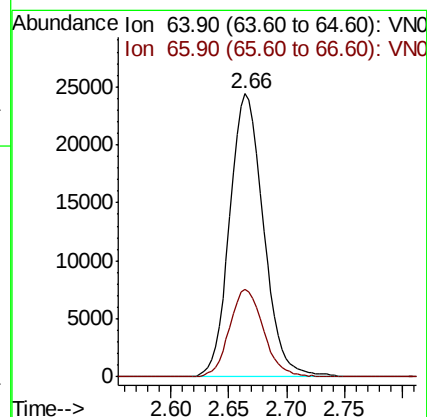
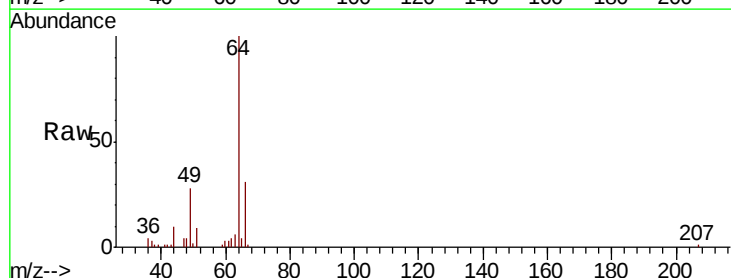
Acq: 2 May 2020 10:27

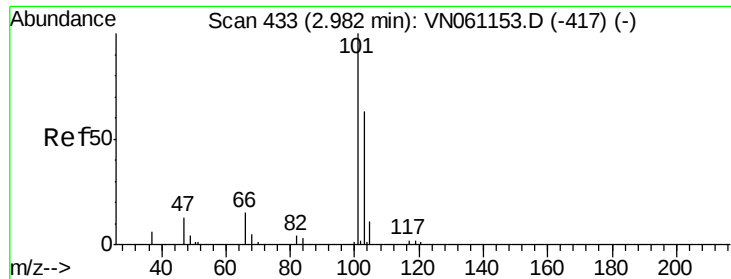
Tgt Ion: 64 Resp: 49422

Ion Ratio Lower Upper

64 100

66 31.1 24.6 36.8



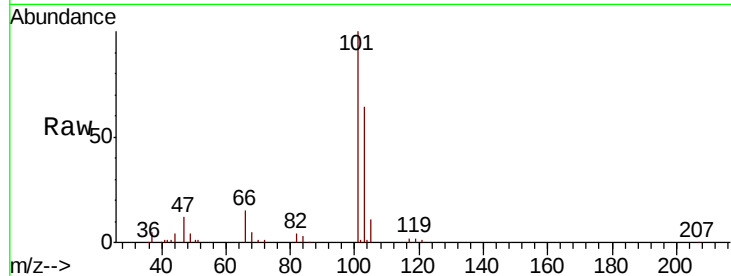


#7

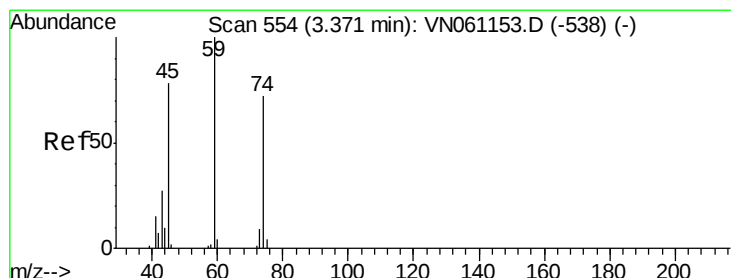
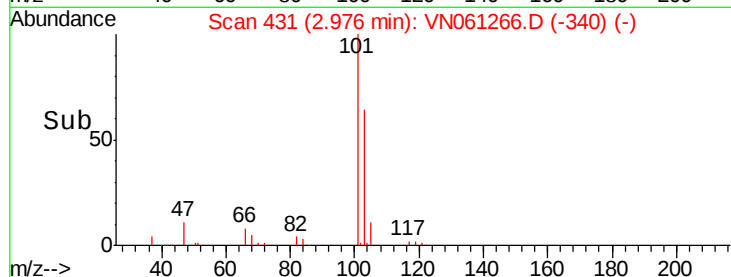
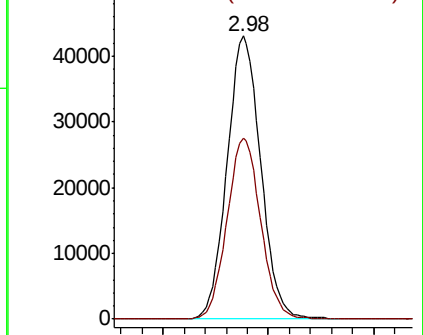
Trichlorofluoromethane
 Concen: 57.110 ug/l
 RT: 2.98 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 95251
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.6 76.0



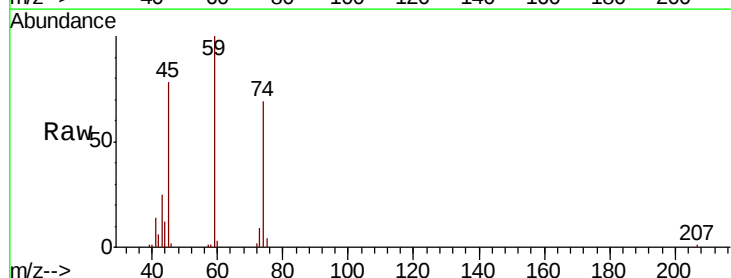
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



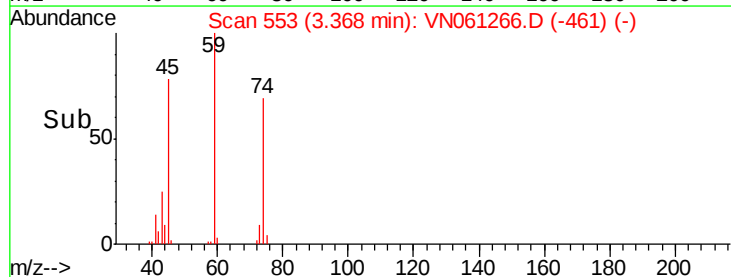
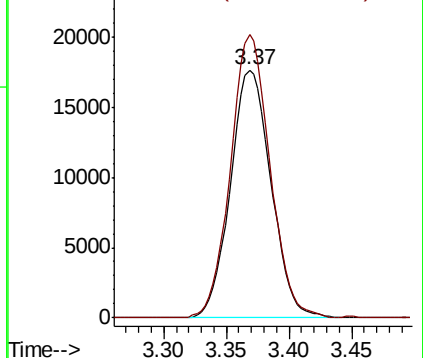
#8

Diethyl Ether
 Concen: 57.110 ug/l
 RT: 3.37 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

Tgt Ion: 74 Resp: 39730
 Ion Ratio Lower Upper
 74 100
 45 111.3 53.3 160.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.356 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

ClientSampled :

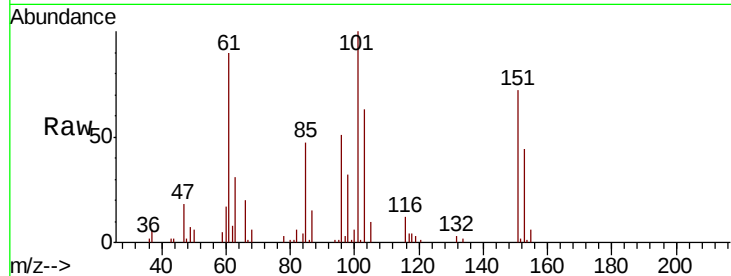
Tot Ion:101 Resp: 54107

Ion Ratio Lower Upper

101 100

85 46.5 37.2 55.8

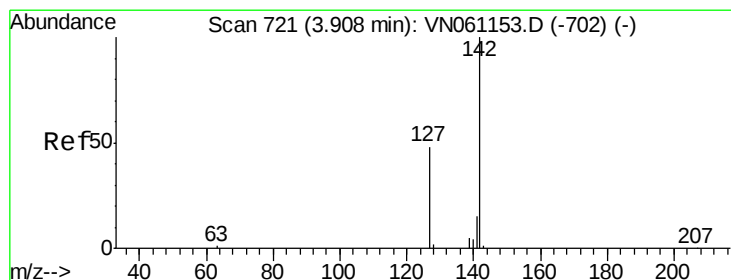
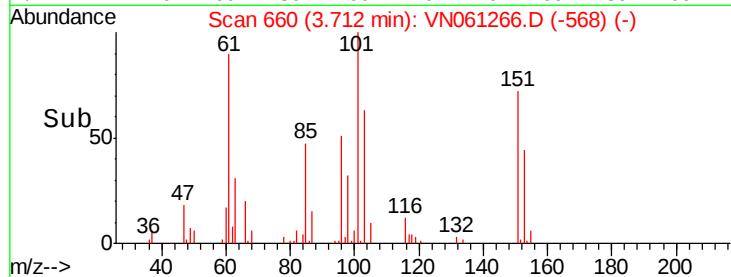
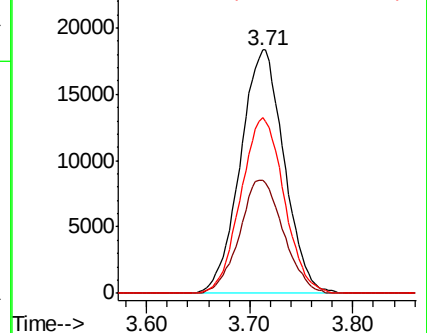
151 71.4 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.451 ug/l

RT: 3.91 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

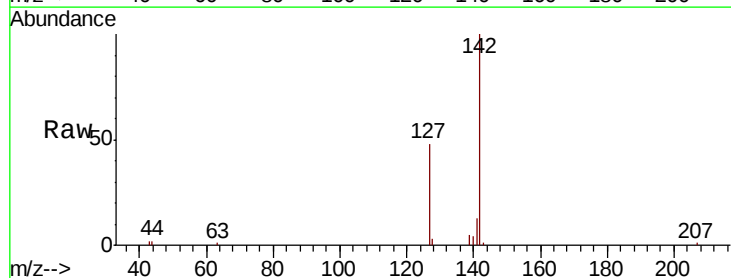
Tgt Ion:142 Resp: 57238

Ion Ratio Lower Upper

142 100

127 47.2 38.0 57.0

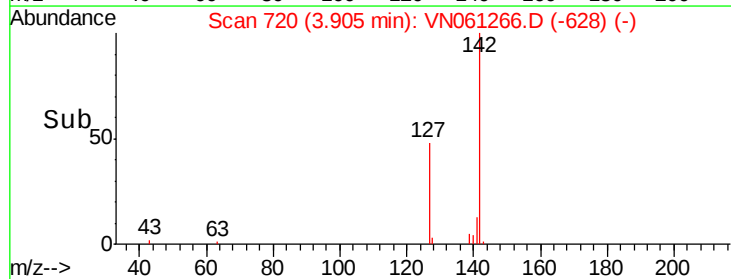
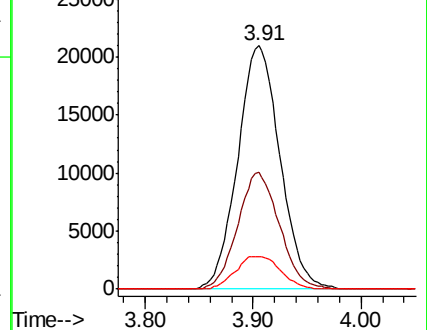
141 14.3 11.7 17.5

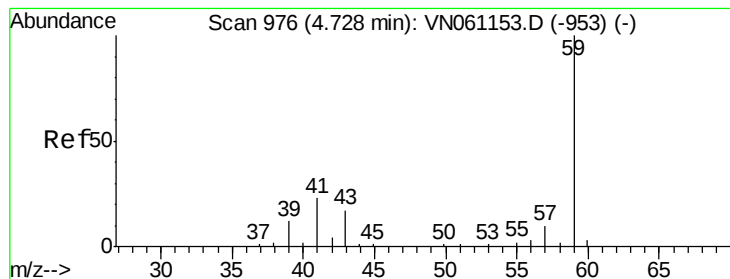


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



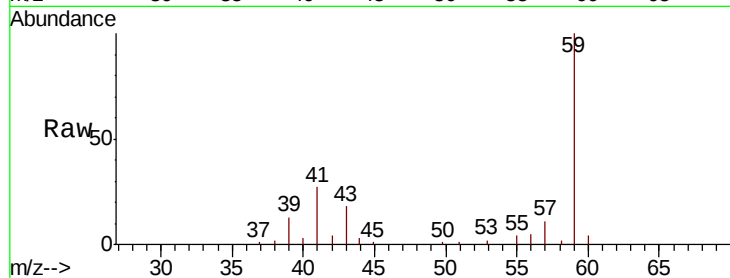


#11

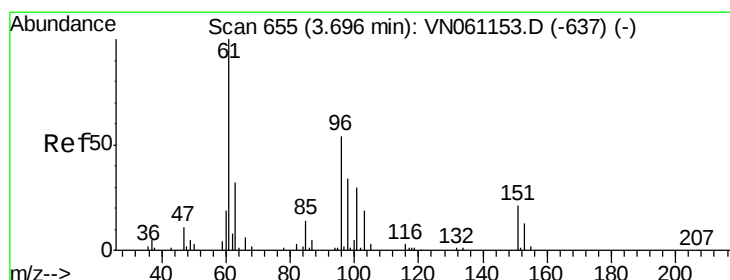
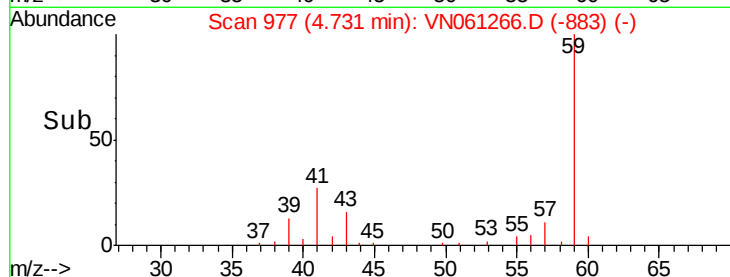
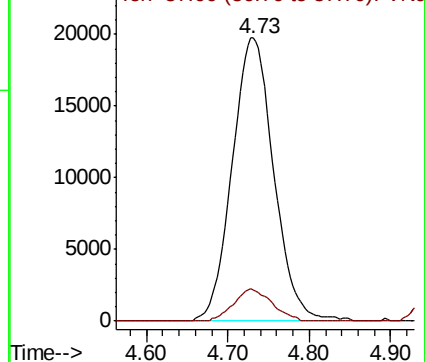
Tert butyl alcohol
Concen: 325.252 ug/l
RT: 4.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 59 Resp: 69867
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



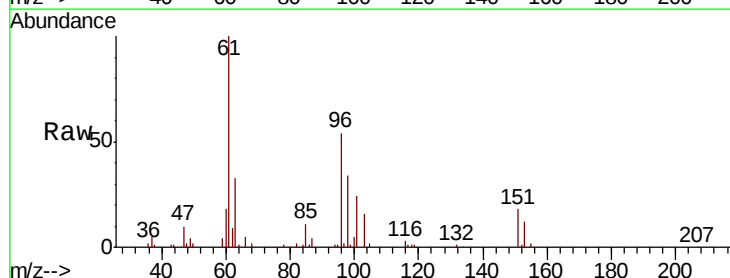
Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 57.00 (56.70 to 57.70): VN0



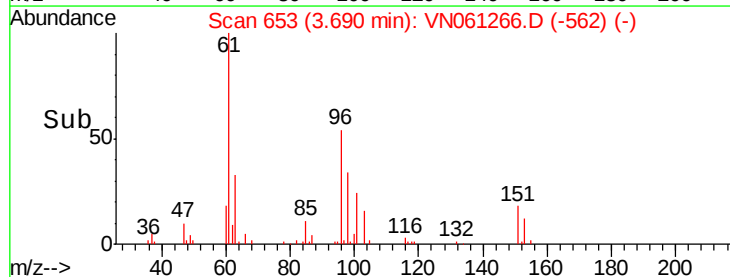
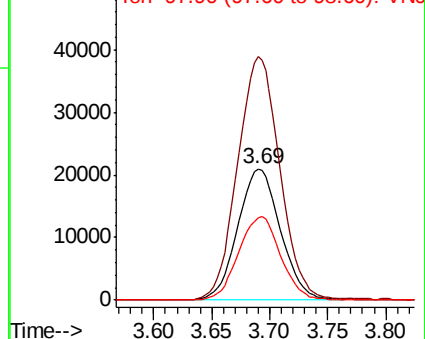
#12

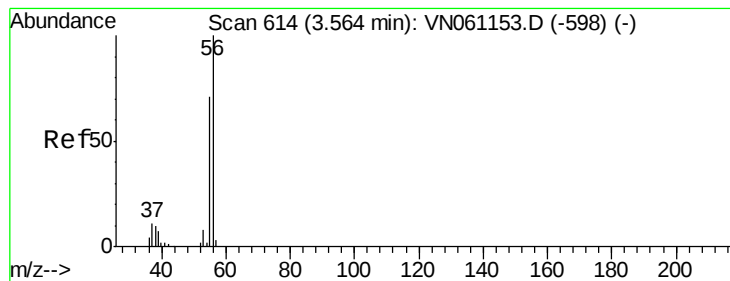
1,1-Dichloroethene
Concen: 50.094 ug/l
RT: 3.69 min Scan# 653
Delta R.T. -0.01 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion: 96 Resp: 53563
Ion Ratio Lower Upper
96 100
61 185.3 147.0 220.6
98 62.8 49.8 74.6



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





#13

Acrolein

Concen: 242.865 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

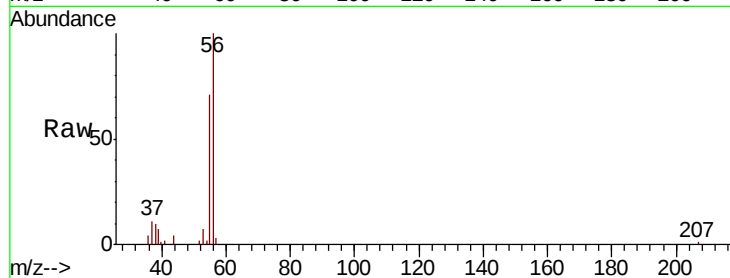
ClientSampleId :

Tot Ion: 56 Resp: 34766

Ion Ratio Lower Upper

56 100

55 70.8 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VN061153.D (-598) (-)

Ion 55.00 (54.70 to 55.70): VN061153.D (-598) (-)

3.56

15000

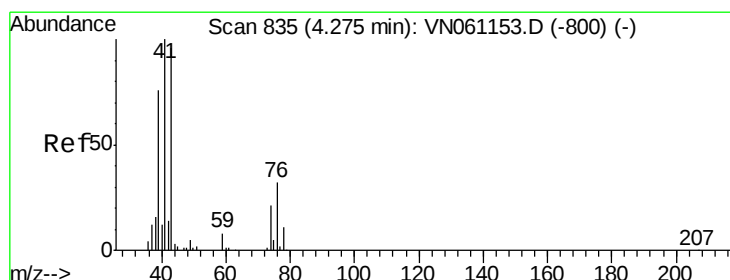
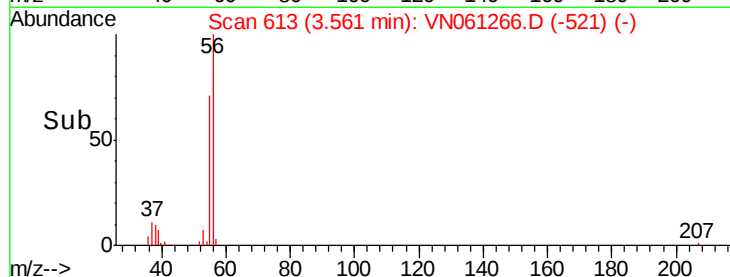
10000

5000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 57.726 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

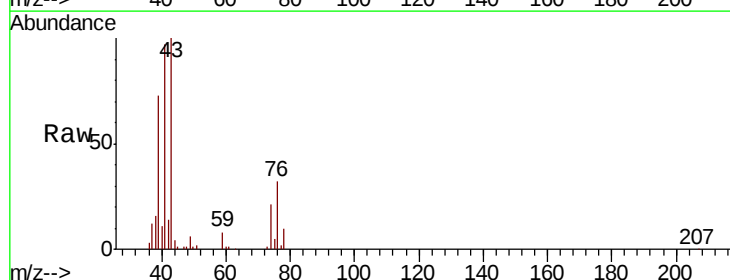
Tgt Ion: 41 Resp: 114447

Ion Ratio Lower Upper

41 100

39 68.9 57.1 85.7

76 28.9 24.3 36.5



Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-800) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-800) (-)

Ion 75.90 (75.60 to 76.60): VN061153.D (-800) (-)

4.27

40000

30000

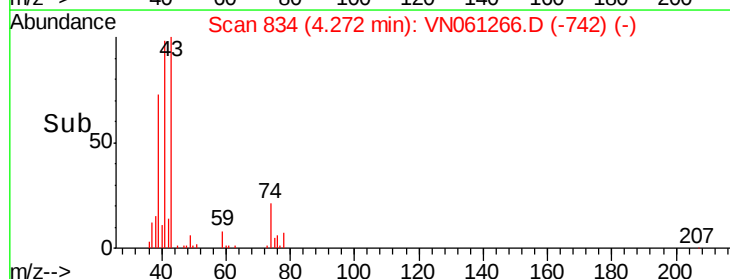
20000

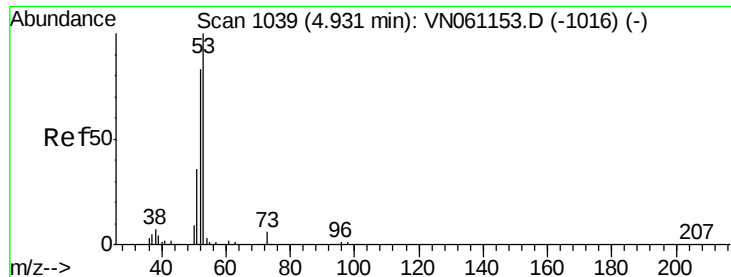
10000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 304.862 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

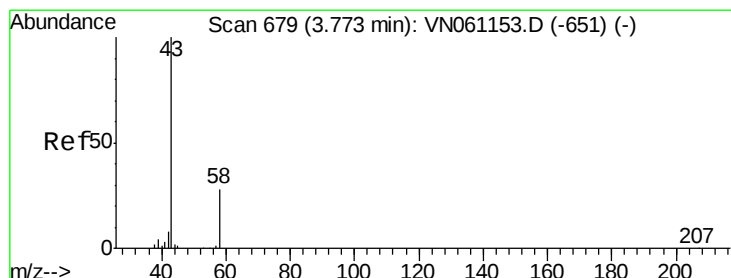
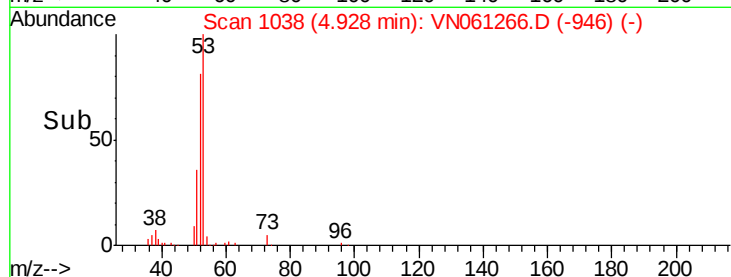
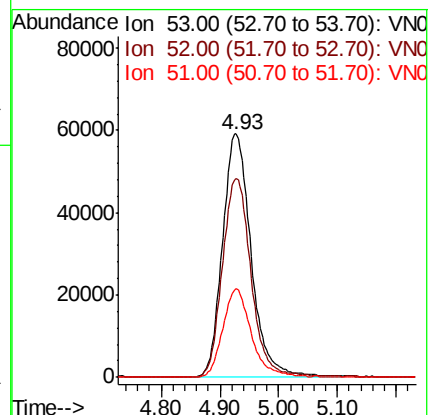
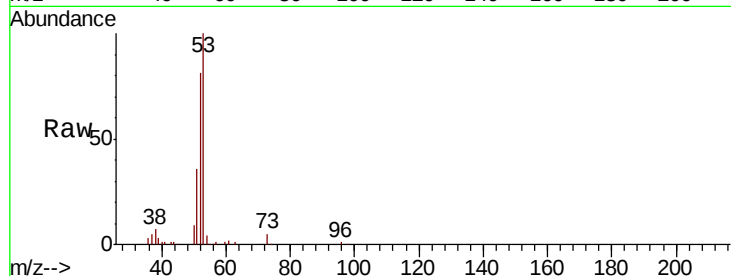
Tot Ion: 53 Resp: 201028

Ion Ratio Lower Upper

53 100

52 81.7 65.4 98.0

51 36.1 29.5 44.3



#16

Acetone

Concen: 287.011 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061266.D

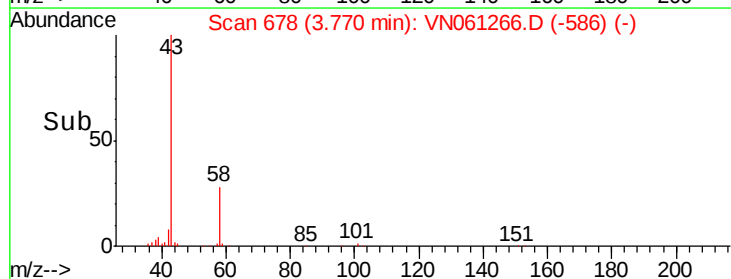
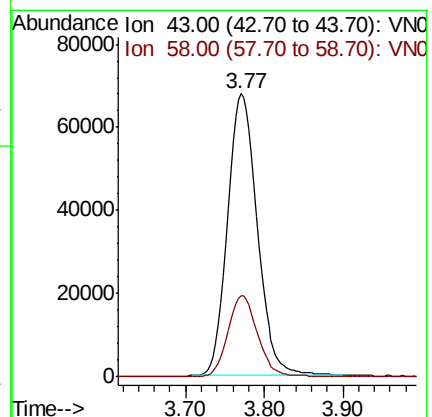
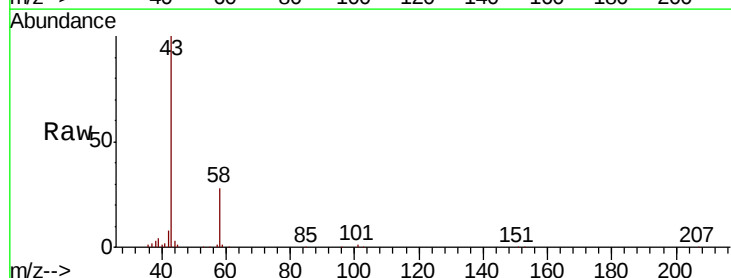
Acq: 2 May 2020 10:27

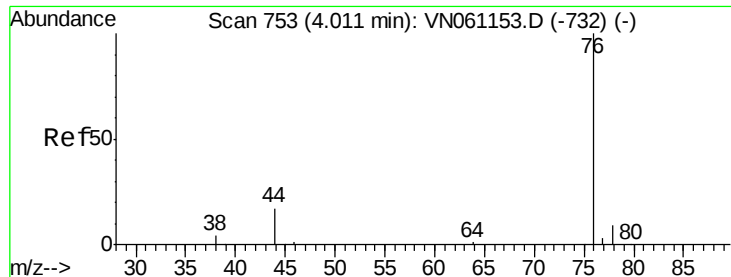
Tgt Ion: 43 Resp: 177489

Ion Ratio Lower Upper

43 100

58 28.6 22.2 33.2

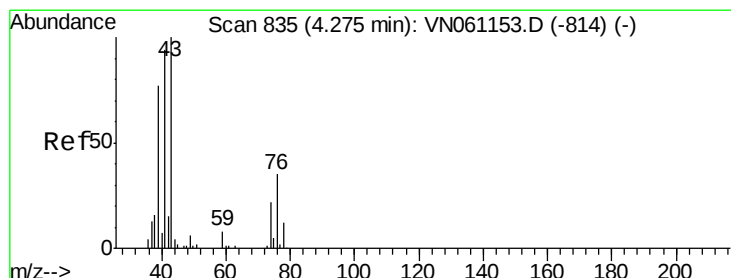
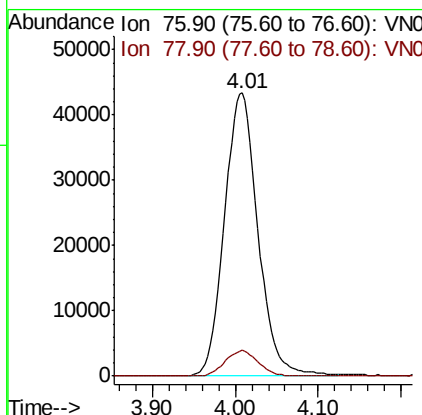
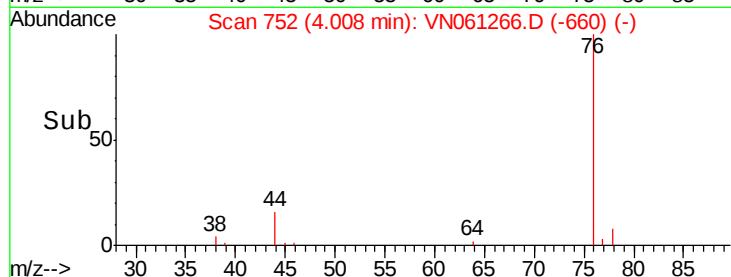
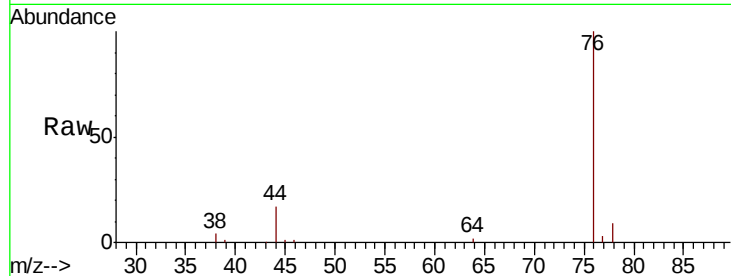




#17
Carbon Disulfide
Concen: 41.284 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

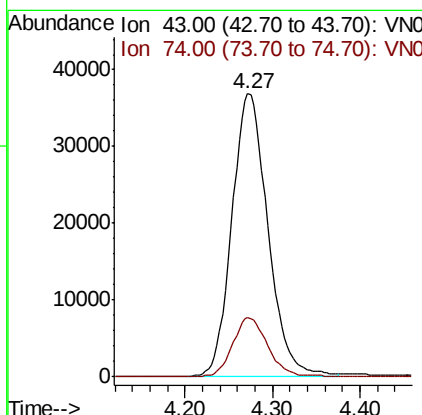
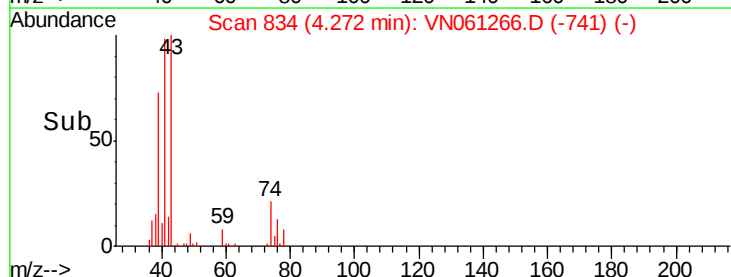
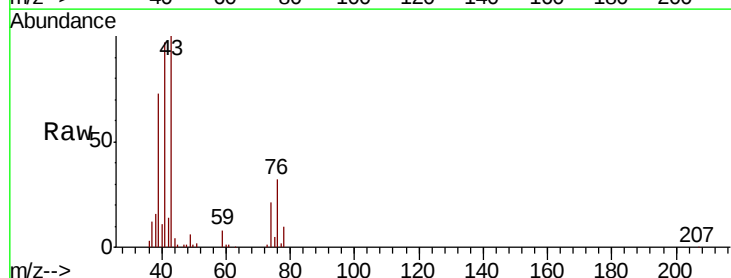
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 76 Resp: 121937
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 52.210 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion: 43 Resp: 105744
Ion Ratio Lower Upper
43 100
74 20.3 17.0 25.4

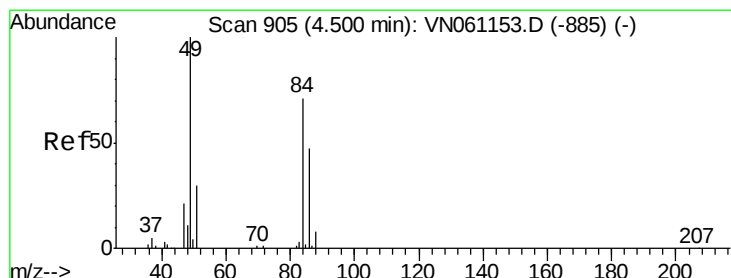
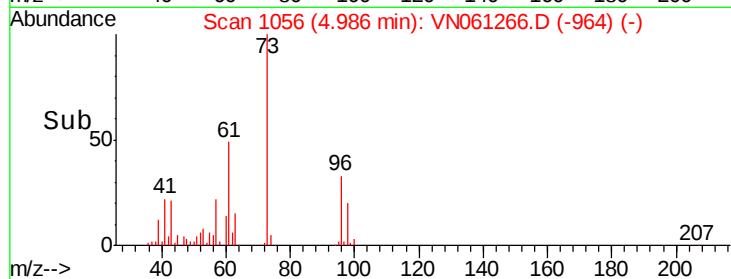
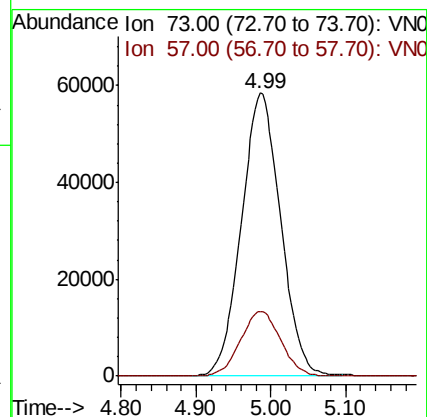
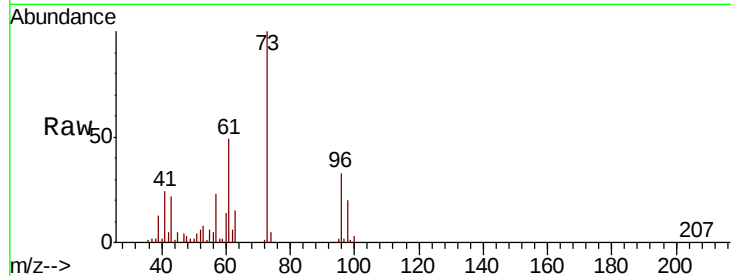




#19
Methvl tert-butvl Ether
Concen: 52.117 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

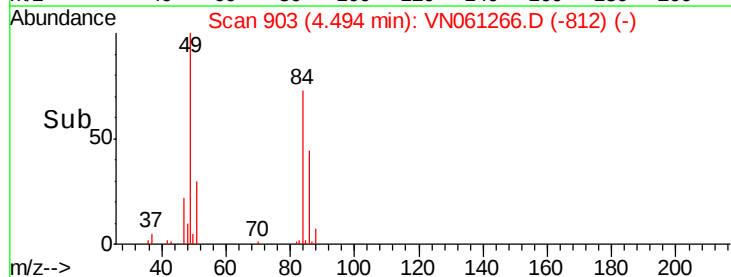
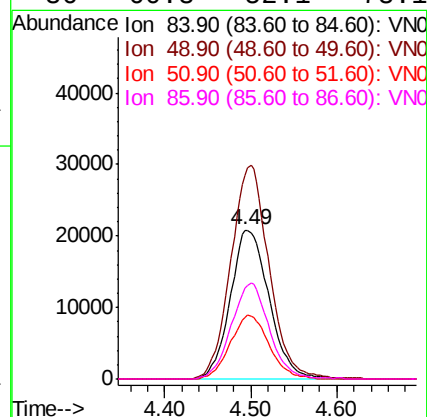
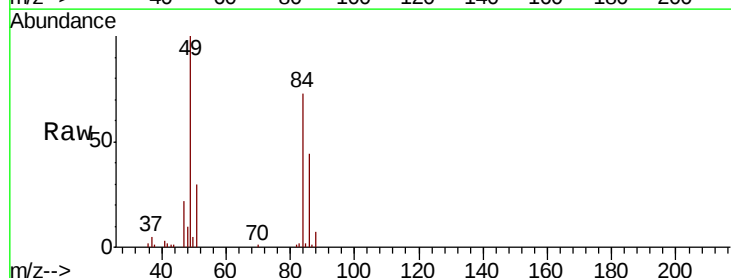
Instrument :
MSVOA_N
ClientSampleId :

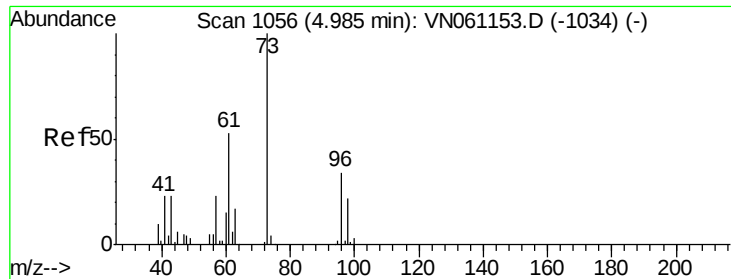
Tot Ion: 73 Resp: 212935
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 52.162 ug/l
RT: 4.49 min Scan# 903
Delta R.T. -0.01 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion: 84 Resp: 65223
Ion Ratio Lower Upper
84 100
49 137.2 112.0 168.0
51 41.4 33.6 50.4
86 60.8 52.1 78.1

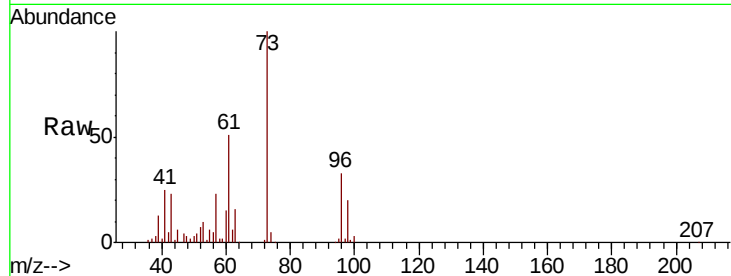




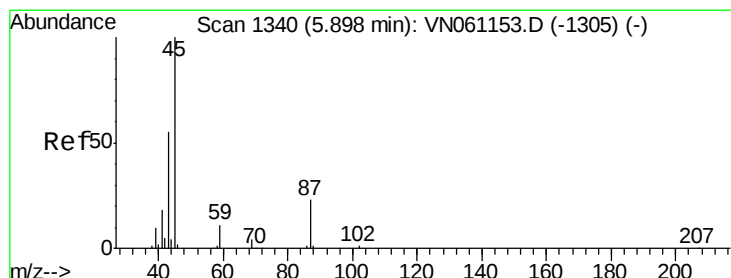
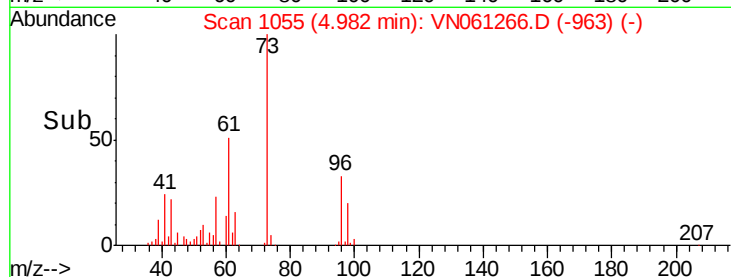
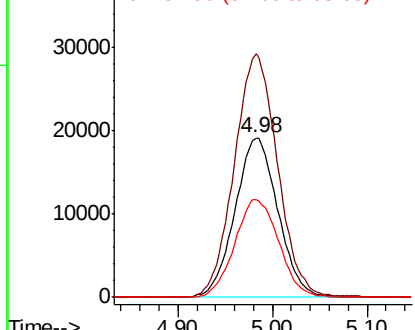
#21
trans-1,2-Dichloroethene
Concen: 51.748 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 60251
Ion Ratio Lower Upper
96 100
61 152.8 123.0 184.4
98 61.1 50.1 75.1

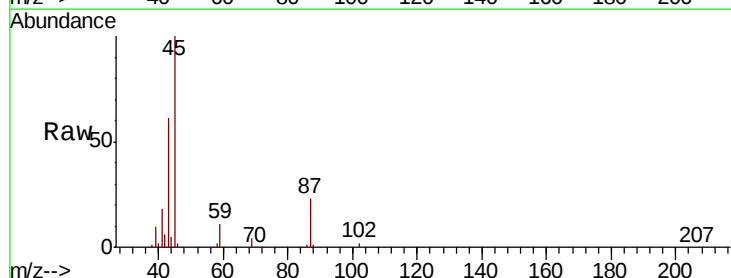


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

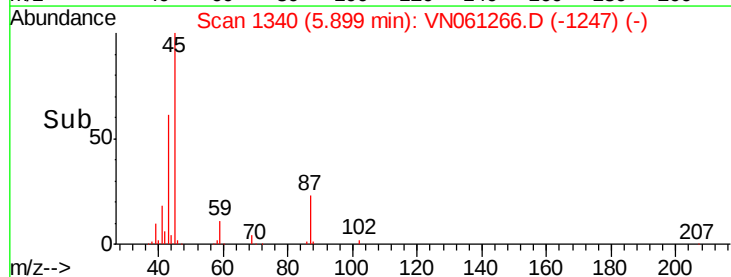
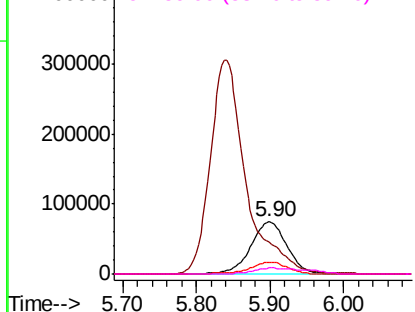


#22
Diisopropyl ether
Concen: 55.156 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion: 45 Resp: 253577
Ion Ratio Lower Upper
45 100
43 58.7 47.9 71.9
87 23.1 19.2 28.8
59 10.9 9.0 13.4



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

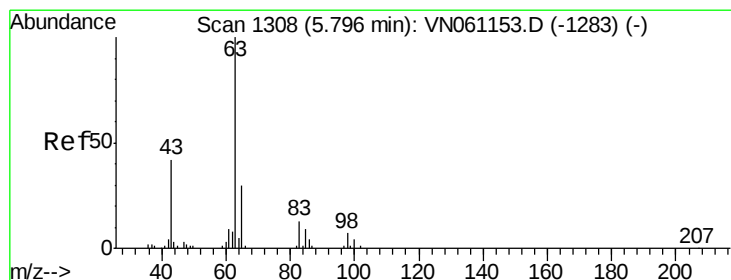
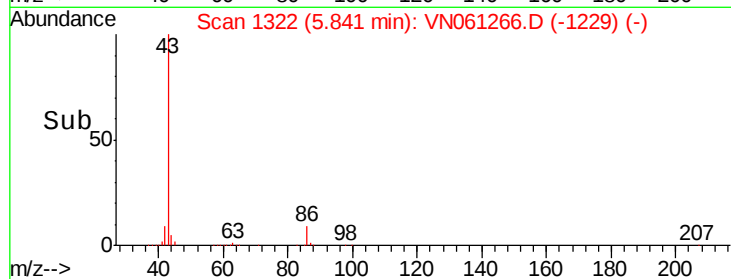
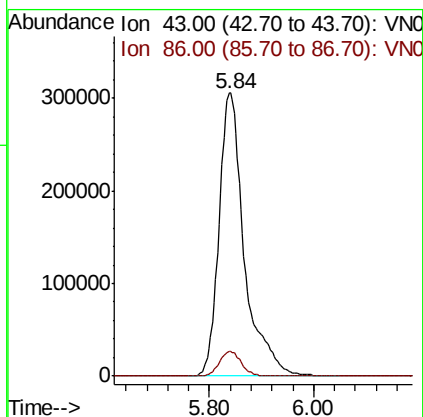
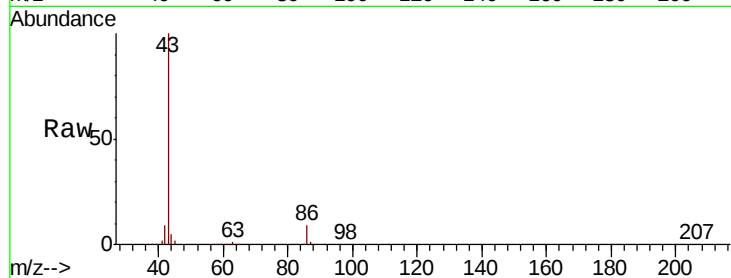




#23
 Vinyl Acetate
 Concen: 278.560 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

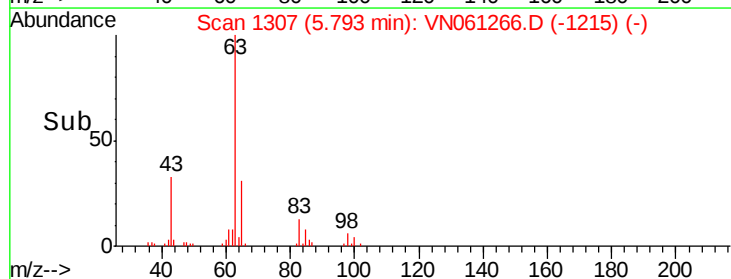
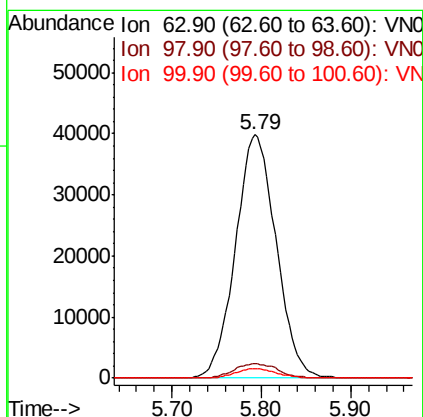
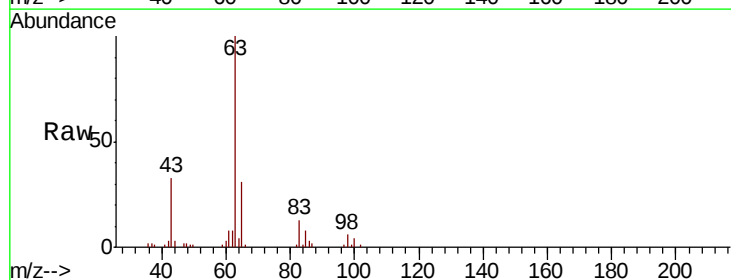
Instrument :
 MSVOA_N
 ClientSampleId :

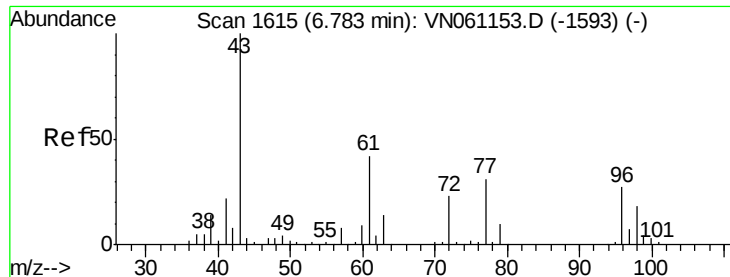
Tot Ion: 43 Resp: 1031165
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 52.404 ug/l
 RT: 5.79 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

Tgt Ion: 63 Resp: 125879
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.8 1.9 5.7

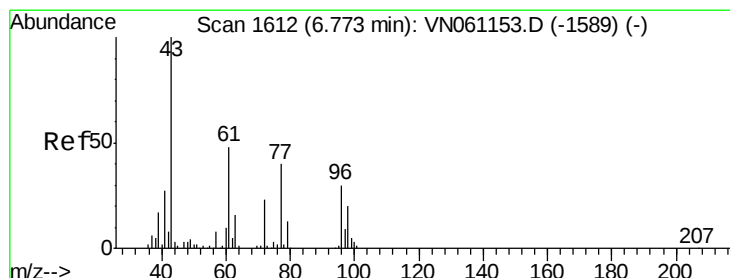
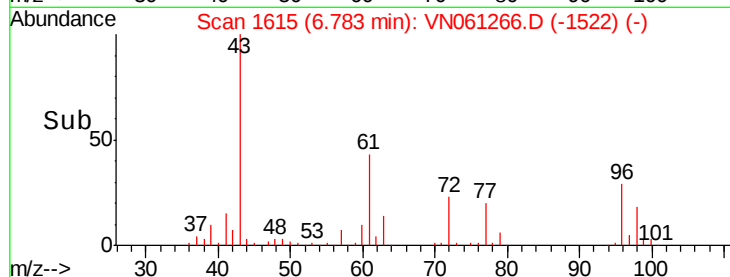
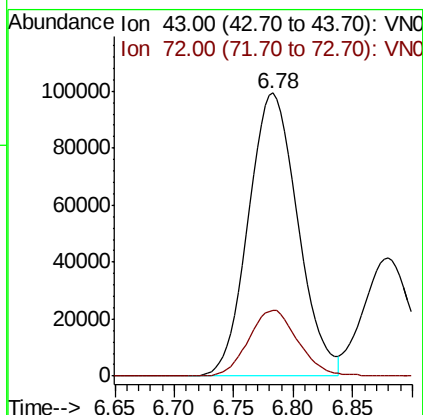
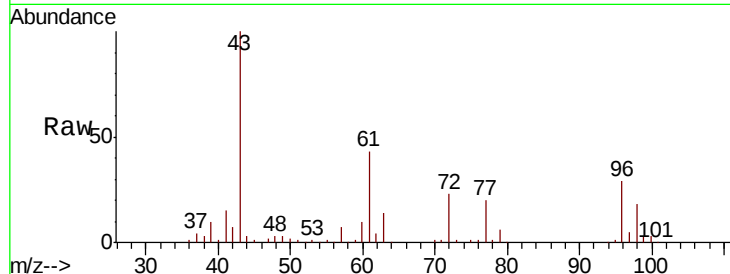




#25
2-Butanone
Concen: 301.538 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

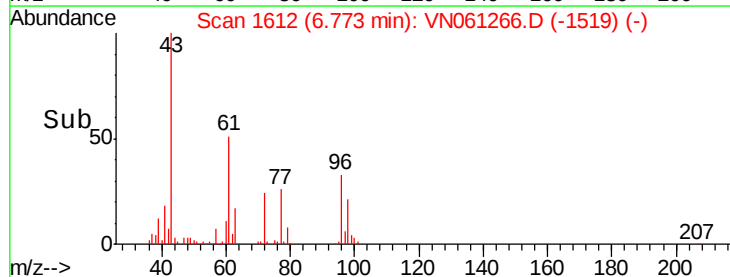
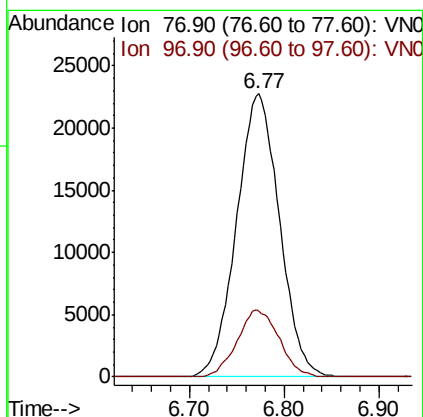
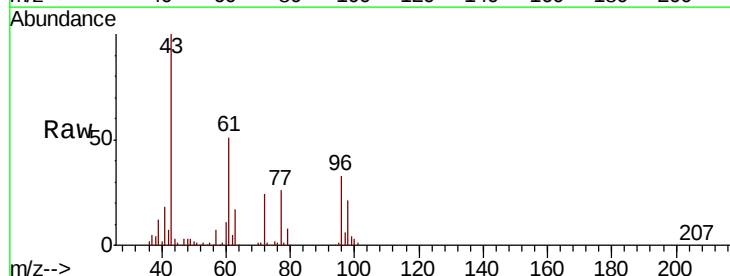
Instrument :
MSVOA_N
ClientSampled :

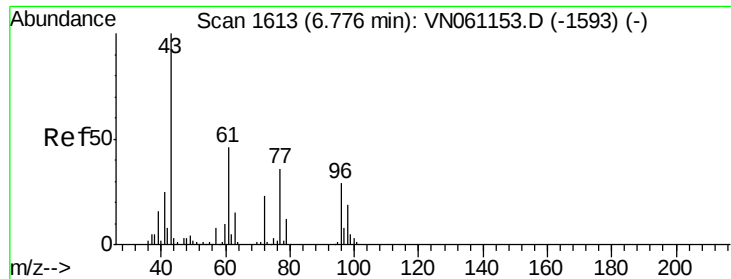
Tot Ion: 43 Resp: 286122
Ion Ratio Lower Upper
43 100
72 23.3 18.2 27.4



#26
2,2-Dichloropropane
Concen: 35.390 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion: 77 Resp: 71602
Ion Ratio Lower Upper
77 100
97 23.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 63.813 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

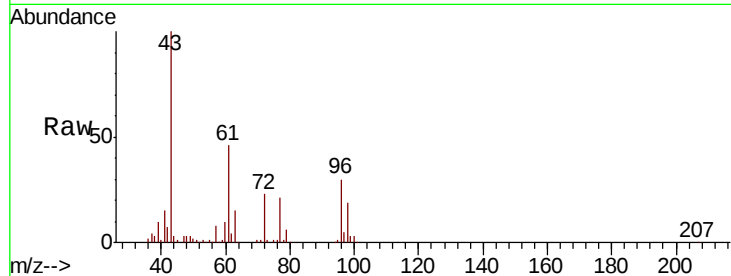
Tot Ion: 96 Resp: 87190

Ion Ratio Lower Upper

96 100

61 153.0 0.0 322.0

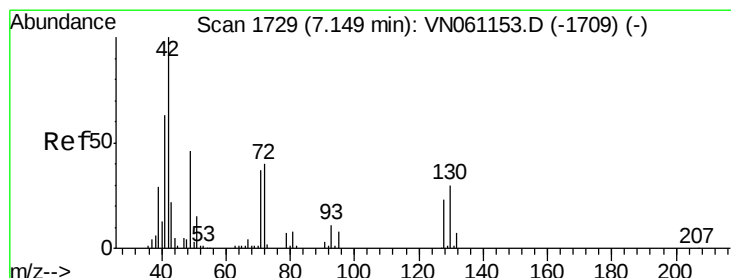
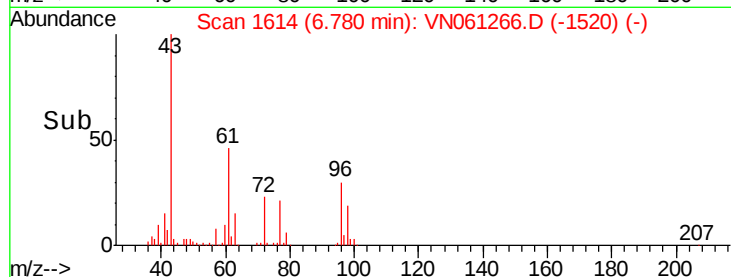
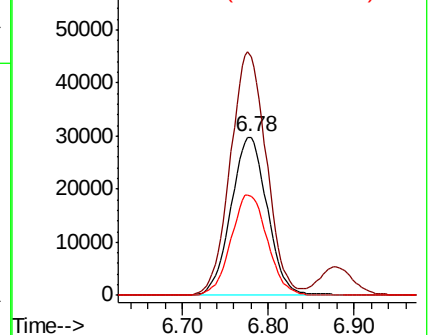
98 63.8 0.0 129.6



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

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

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



#28

Bromochloromethane

Concen: 49.535 ug/l

RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

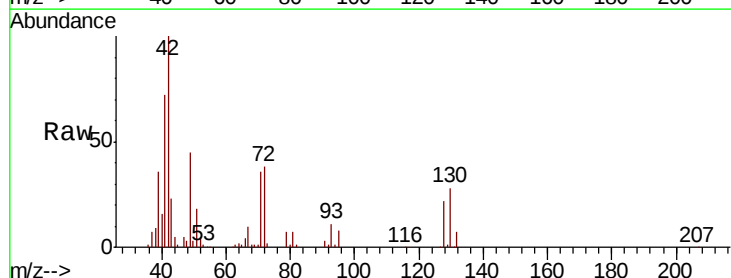
Tgt Ion: 49 Resp: 56397

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.0

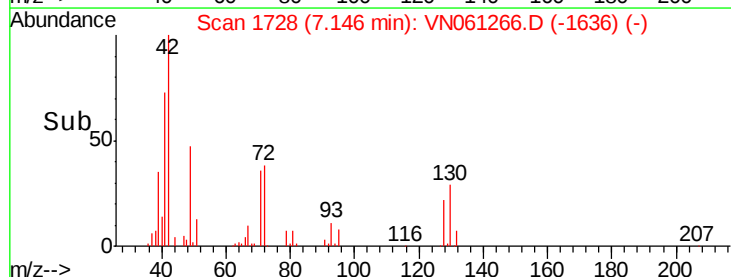
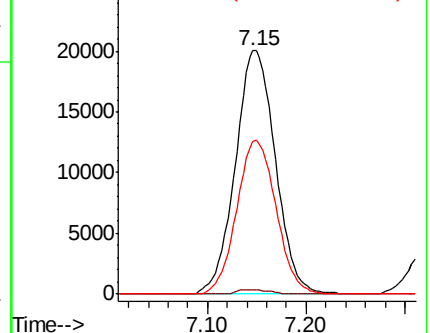
130 62.1 51.4 77.2

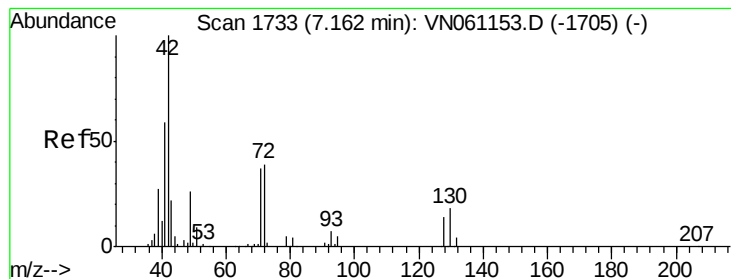


Abundance Ion 48.90 (48.60 to 49.60): VN061153.D (-1709) (-)

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

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





#29

Tetrahydrofuran

Concen: 304.508 ug/l

RT: 7.16 min Scan# 1733

Delta R.T. 0.00 min

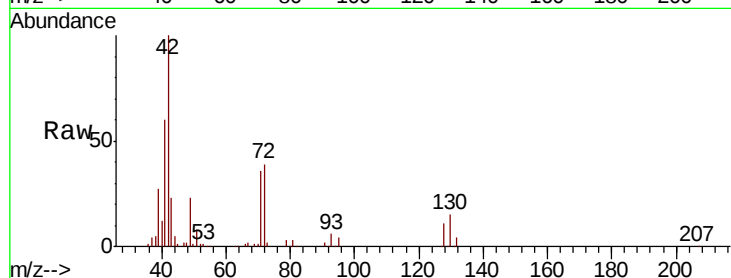
Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 194637

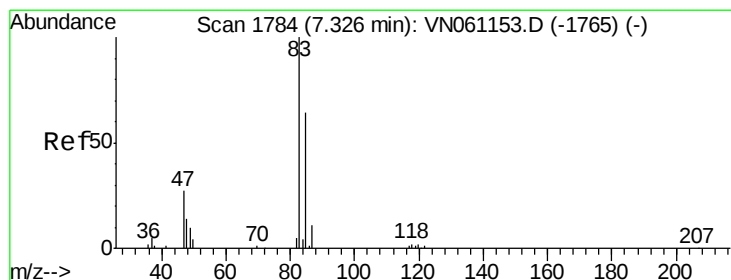
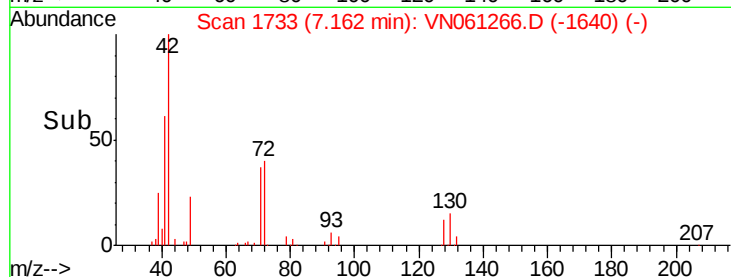
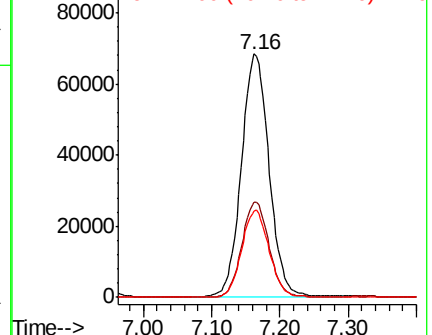
Ion	Ratio	Lower	Upper
42	100		
72	38.3	31.4	47.0
71	35.2	29.5	44.3



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 50.574 ug/l

RT: 7.33 min Scan# 1784

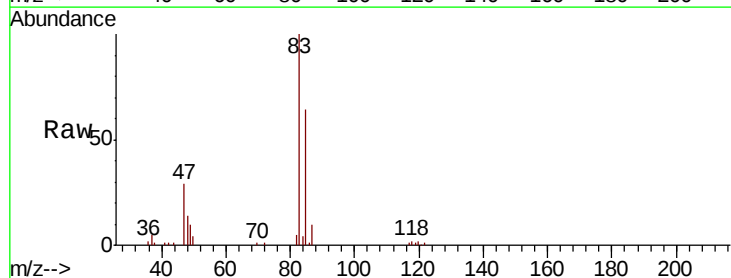
Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

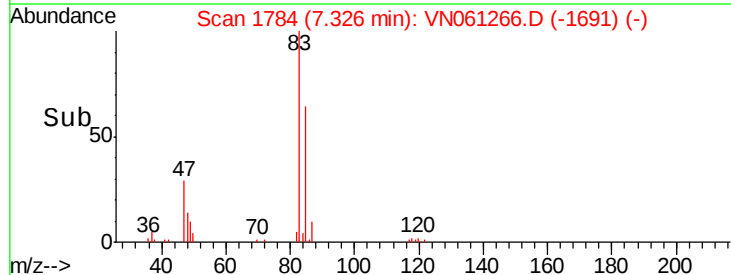
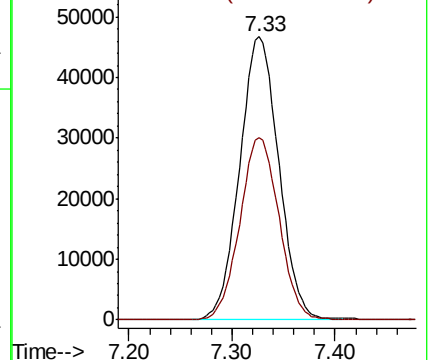
Tgt Ion: 83 Resp: 123110

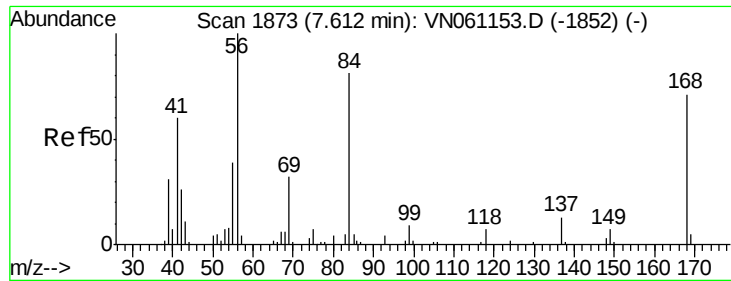
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.1	76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

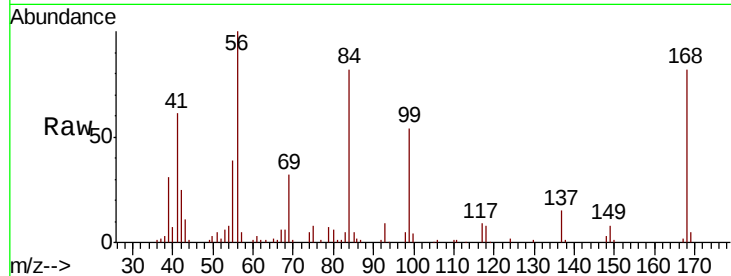




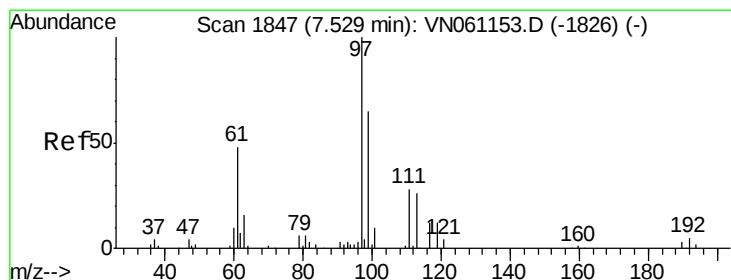
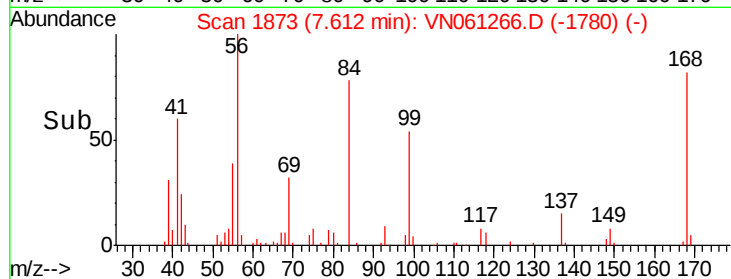
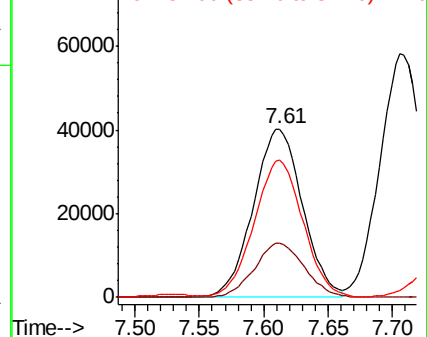
#31
Cvclohexane
Concen: 45.904 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 107084
Ion Ratio Lower Upper
56 100
69 32.4 25.7 38.5
84 80.8 64.6 97.0

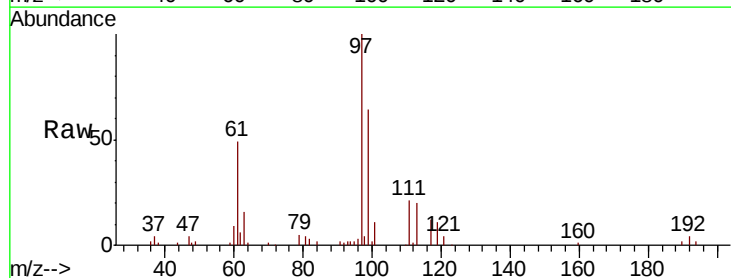


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

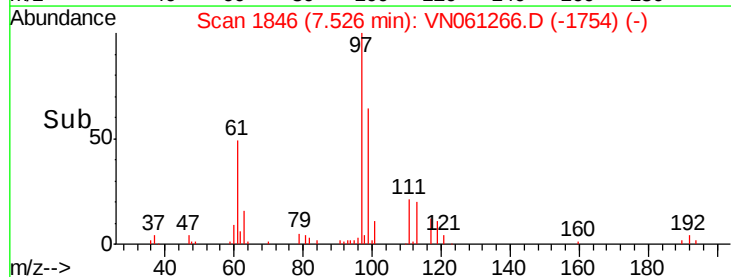
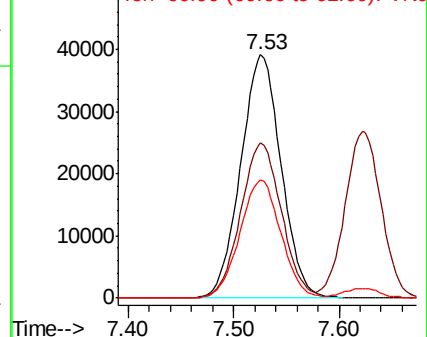


#32
1,1,1-Trichloroethane
Concen: 49.131 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion: 97 Resp: 104144
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 49.4 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

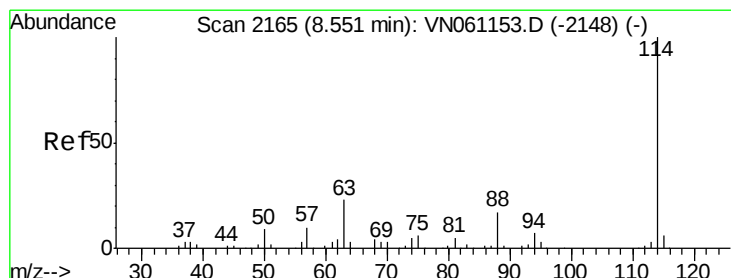
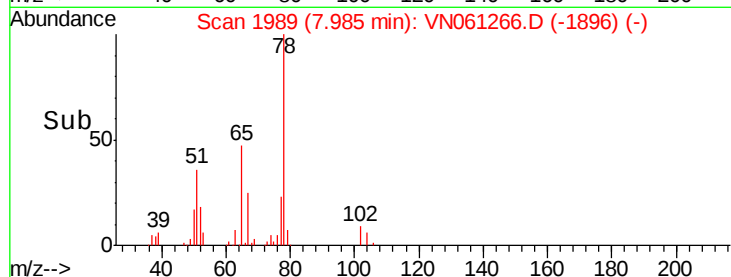
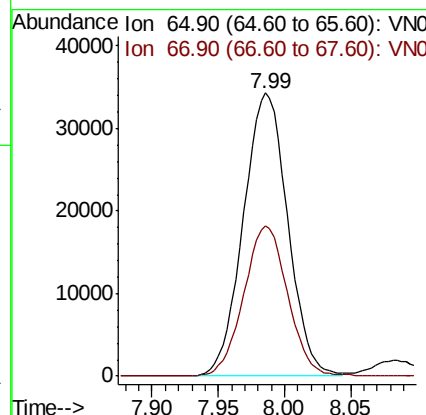
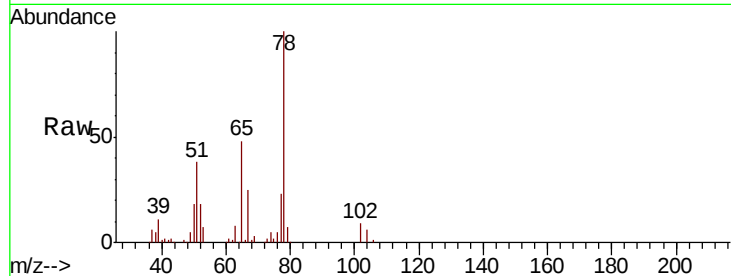




#33
 1,2-Dichloroethane-d4
 Concen: 49.830 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

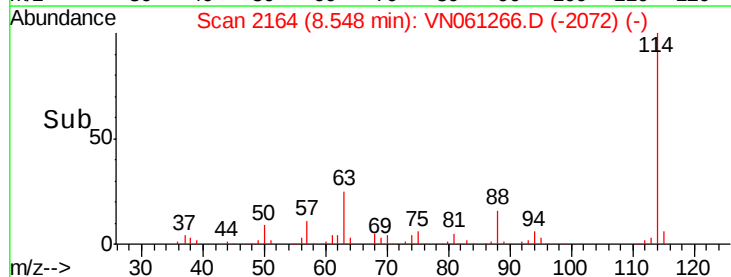
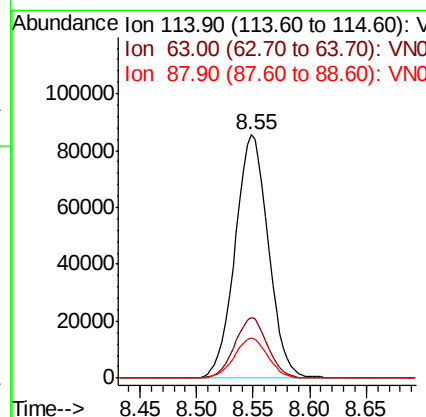
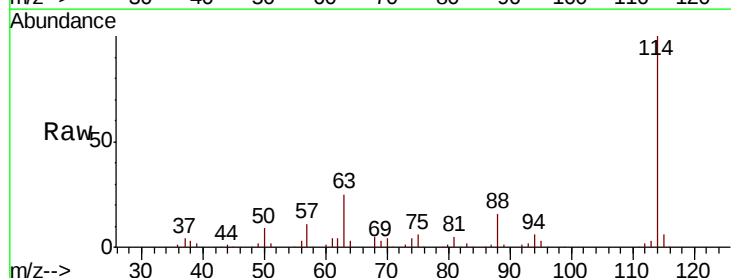
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 65 Resp: 79906
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

Tgt Ion: 114 Resp: 175304
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 46.6
 88 16.3 0.0 33.4

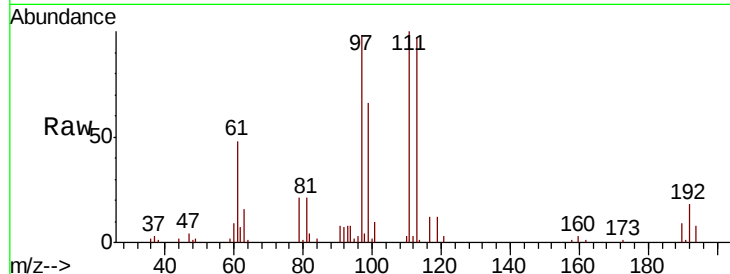




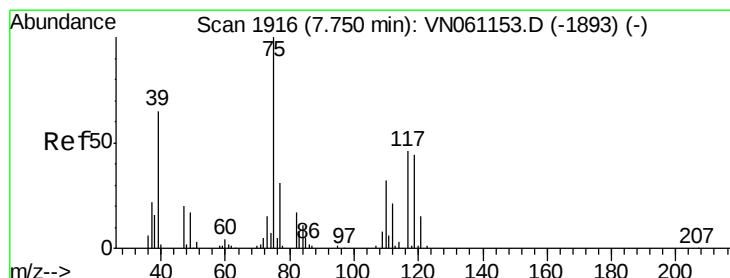
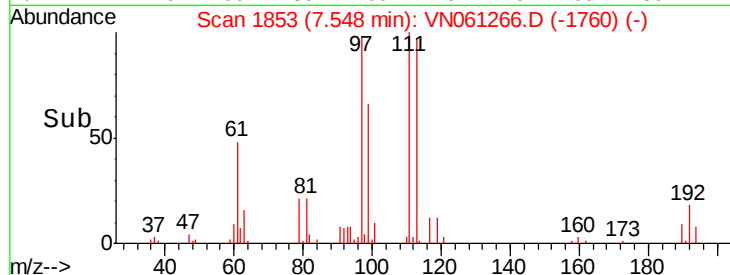
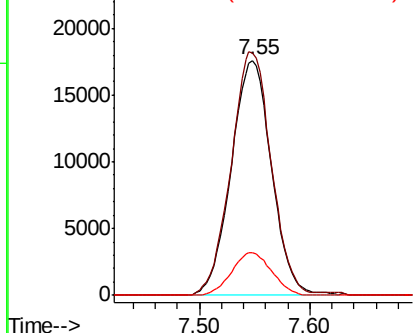
#35
 Dibromofluoromethane
 Concen: 42.994 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 44568
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 18.0 14.7 22.1

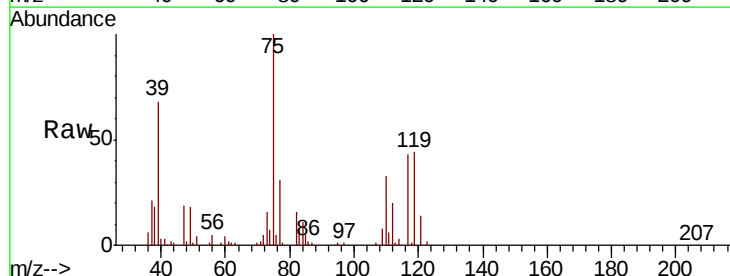


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

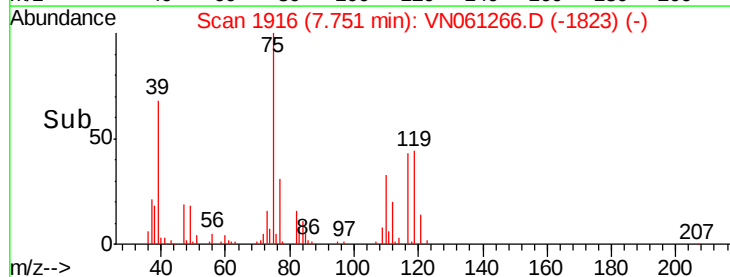
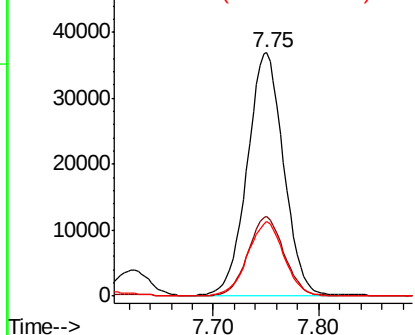


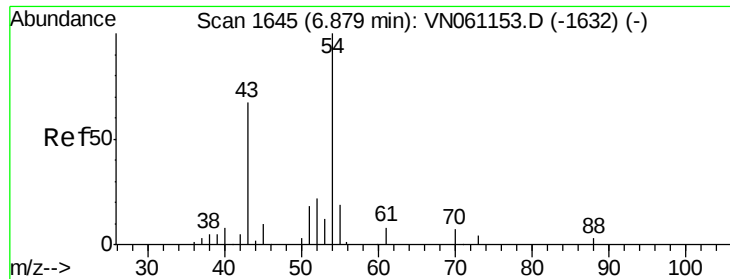
#36
 1,1-Dichloropropene
 Concen: 50.787 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

Tgt Ion: 75 Resp: 89124
 Ion Ratio Lower Upper
 75 100
 110 32.0 16.0 48.0
 77 30.2 24.6 37.0



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

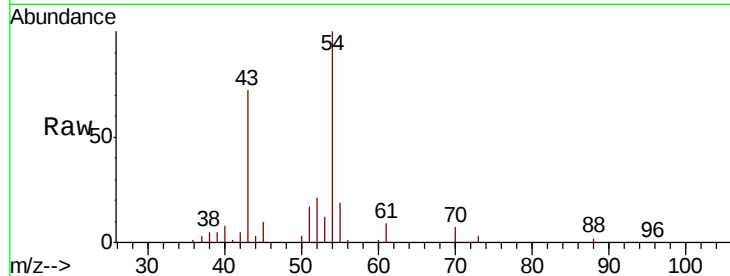




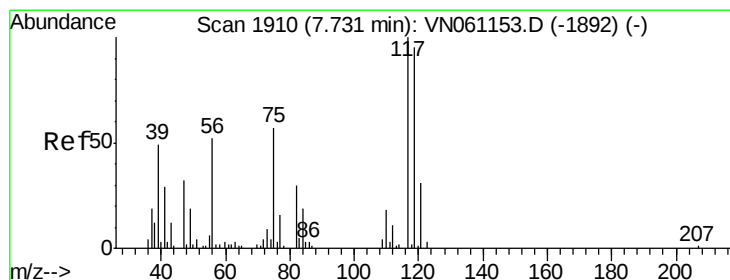
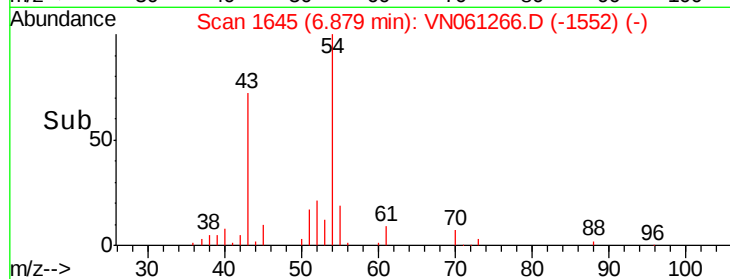
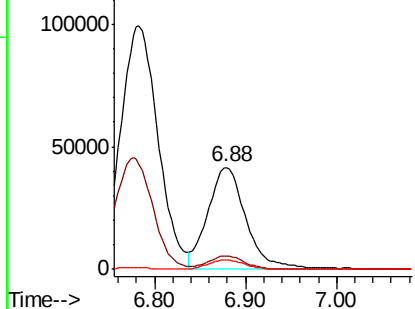
#37
Ethyl Acetate
Concen: 58.051 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 119429
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 8.8 7.2 10.8

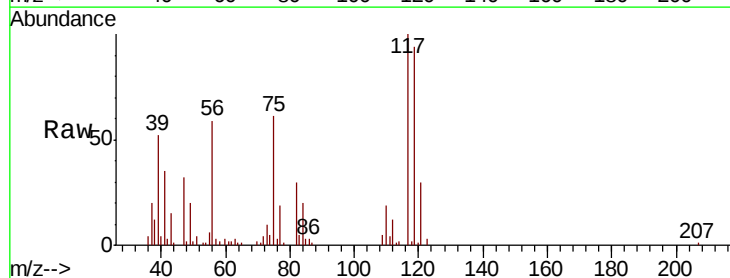


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

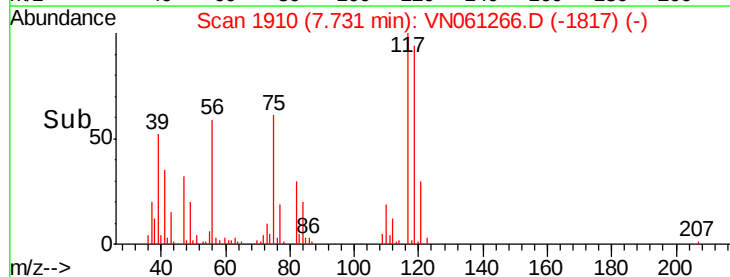
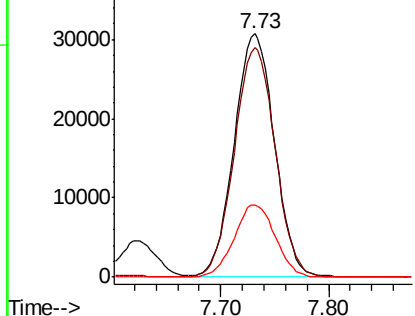


#38
Carbon Tetrachloride
Concen: 50.059 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion: 117 Resp: 80155
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
121 29.7 24.7 37.1



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

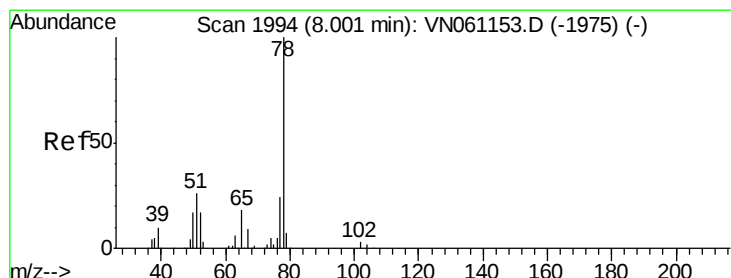
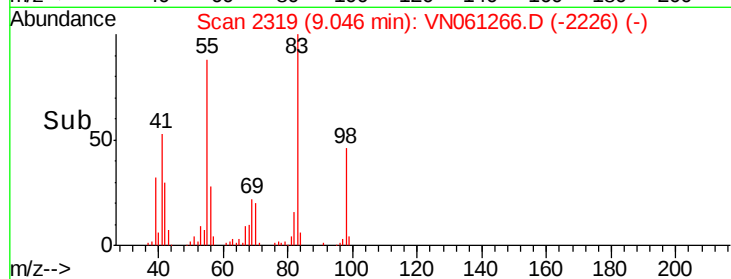
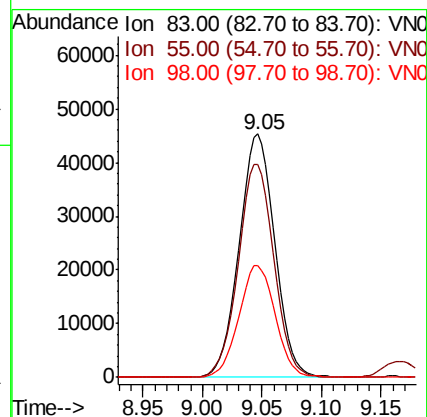
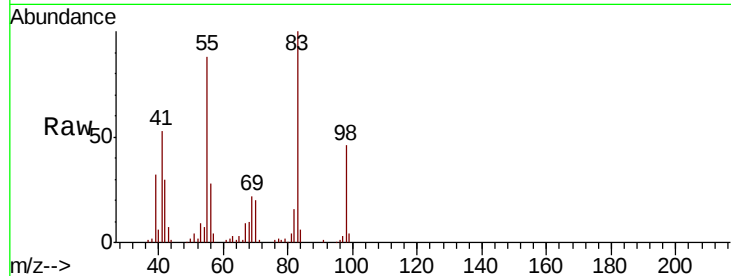




#39
Methvlcvclohexane
Concen: 47.813 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

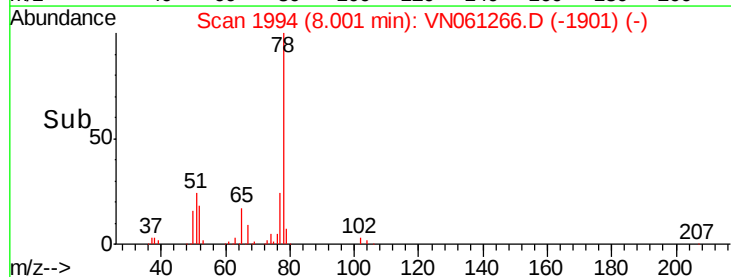
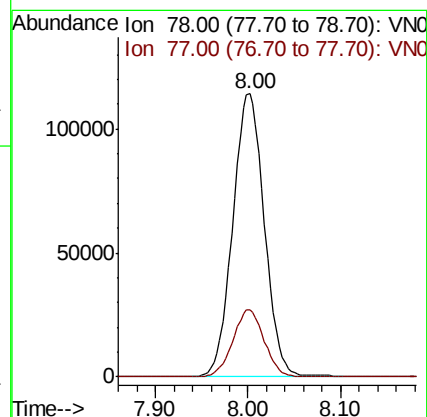
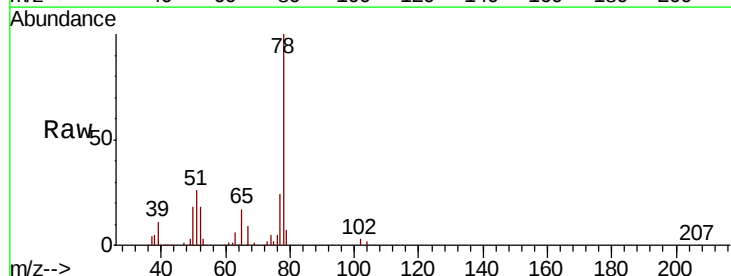
Instrument :
MSVOA_N
ClientSampled :

Tot Ion	83	Resp	94097
Ion	Ratio	Lower	Upper
83	100		
55	87.5	67.3	100.9
98	45.8	37.7	56.5



#40
Benzene
Concen: 51.573 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion	78	Resp	269636
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6

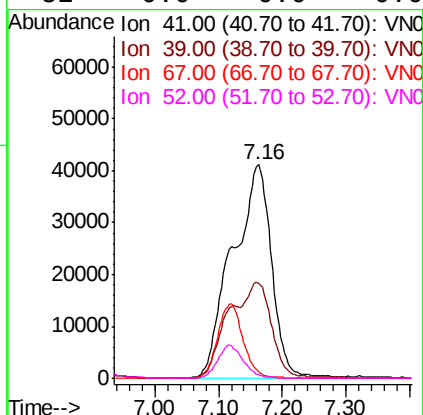
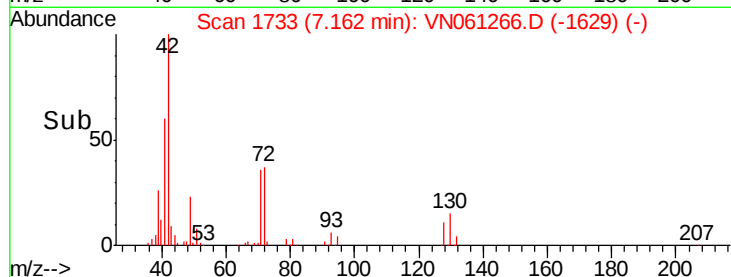
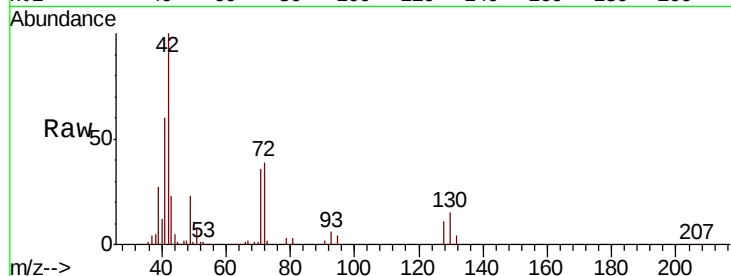




#41
Methacrylonitrile
Concen: 205.941 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.04 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

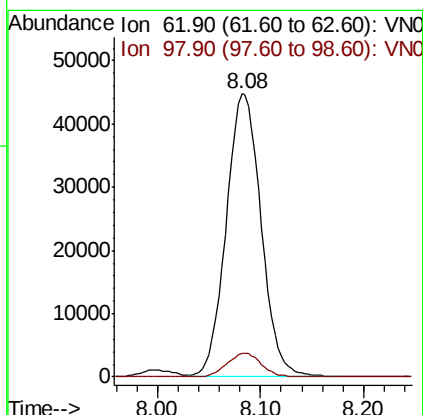
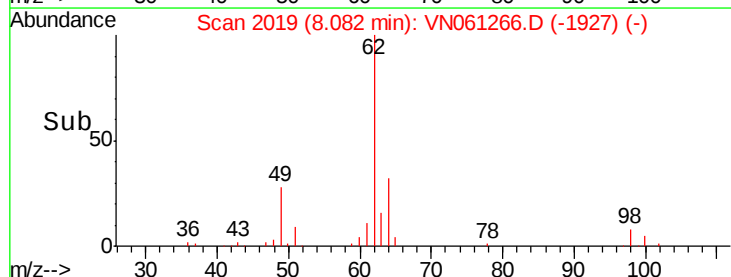
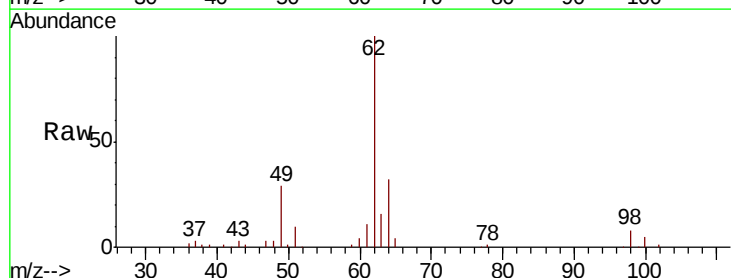
Instrument :
MSVOA_N
ClientSampled :

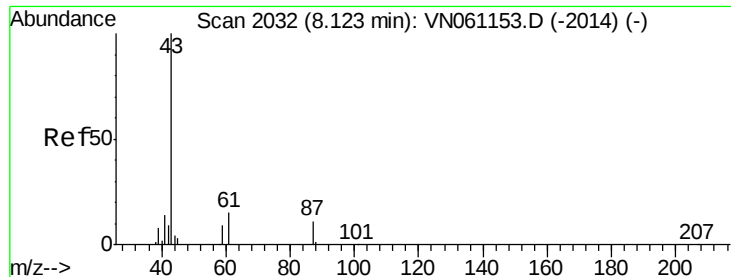
Tot Ion:	41	Resp:	175912
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 53.352 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion:	62	Resp:	105671
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8





#43

Isopropyl Acetate

Concen: 55.422 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

ClientSampled :

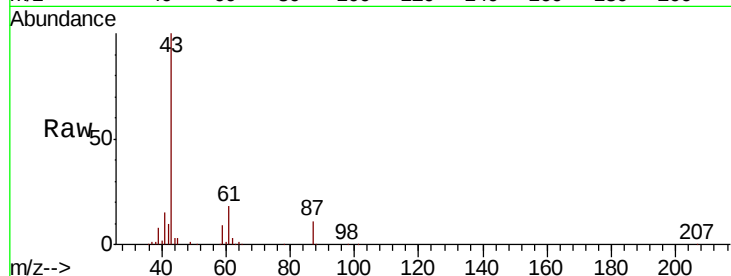
Tot Ion: 43 Resp: 189230

Ion Ratio Lower Upper

43 100

61 23.7 19.5 29.3

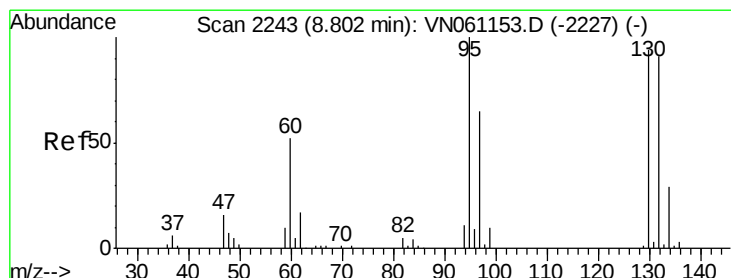
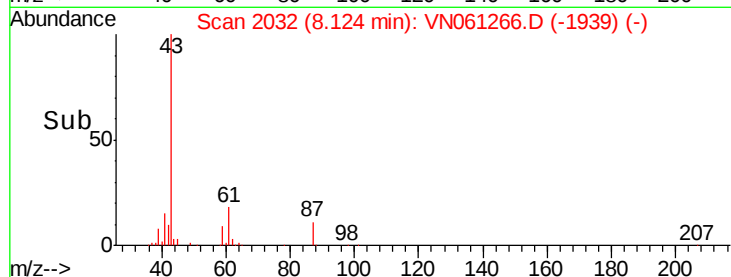
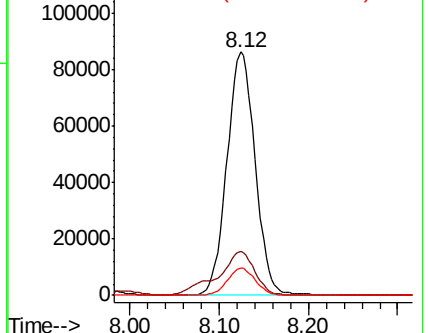
87 10.9 8.9 13.3



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

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

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



#44

Trichloroethene

Concen: 47.349 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061266.D

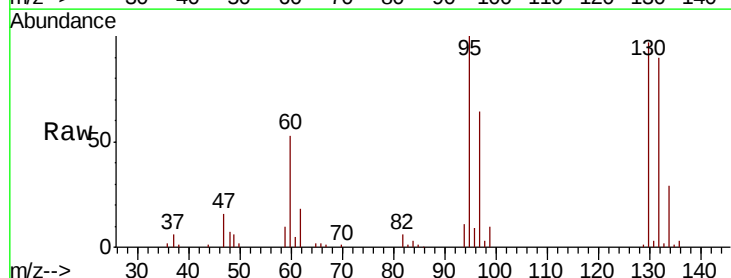
Acq: 2 May 2020 10:27

Tgt Ion:130 Resp: 66920

Ion Ratio Lower Upper

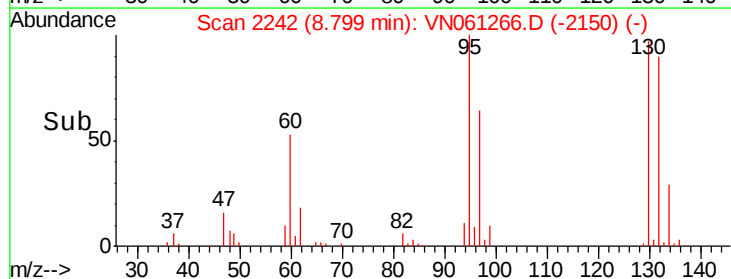
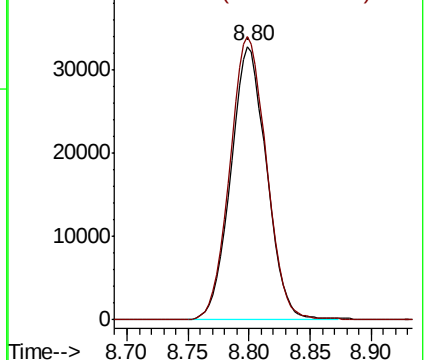
130 100

95 103.6 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: 52.671 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

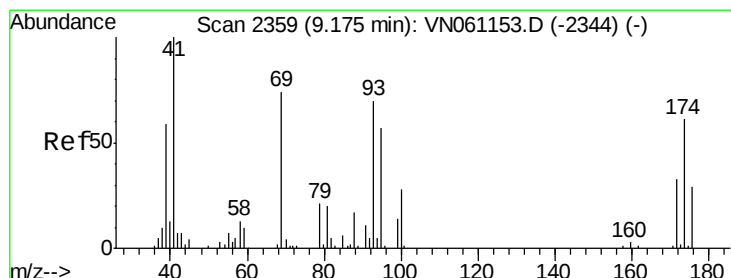
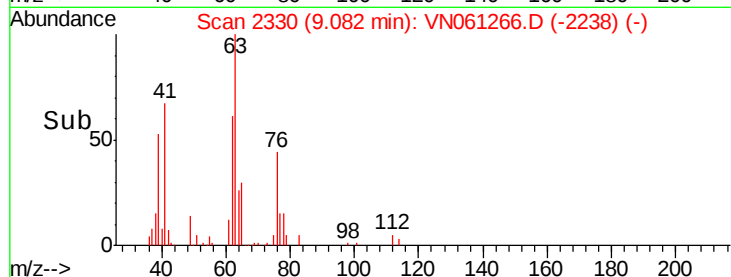
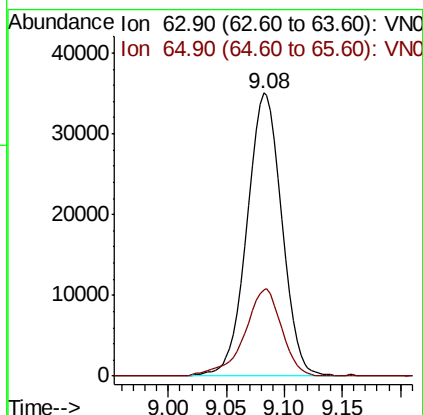
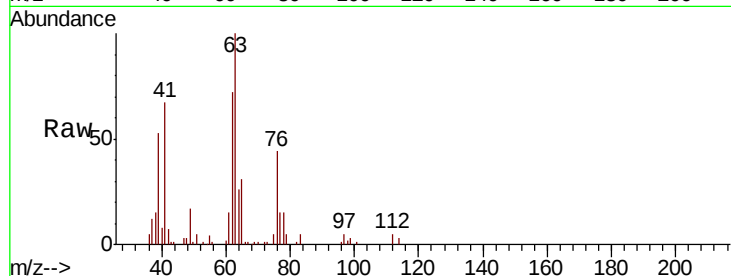
ClientSampleId :

Tot Ion: 63 Resp: 73569

Ion Ratio Lower Upper

63 100

65 30.6 24.7 37.1



#46

Dibromomethane

Concen: 53.032 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

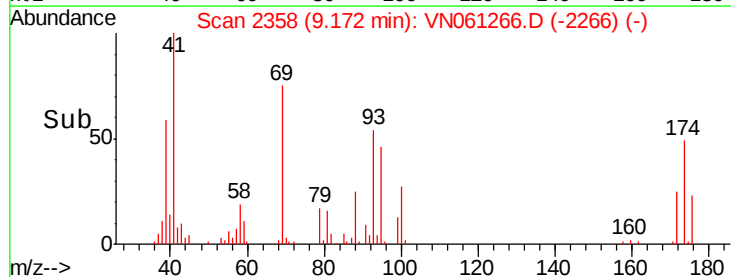
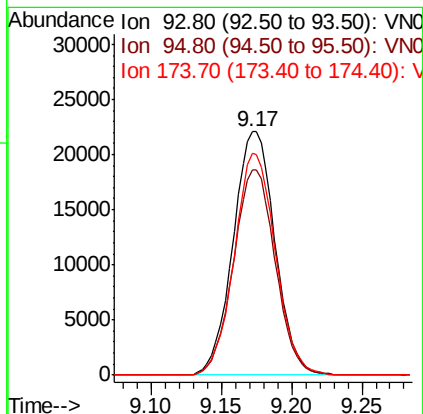
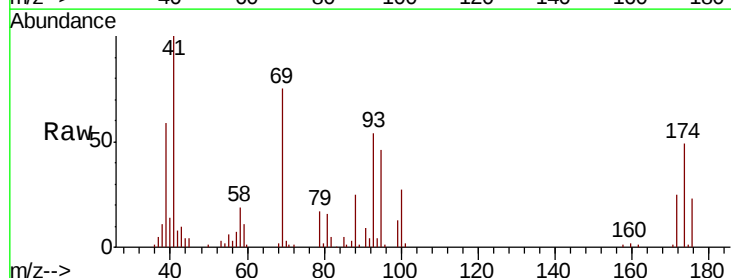
Tgt Ion: 93 Resp: 45864

Ion Ratio Lower Upper

93 100

95 84.2 66.6 99.8

174 89.5 70.2 105.2





#47

Bromodichloromethane

Concen: 53.379 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

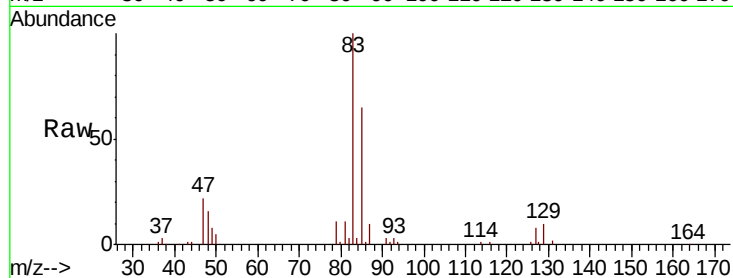
Tot Ion: 83 Resp: 99087

Ion Ratio Lower Upper

83 100

85 65.1 50.4 75.6

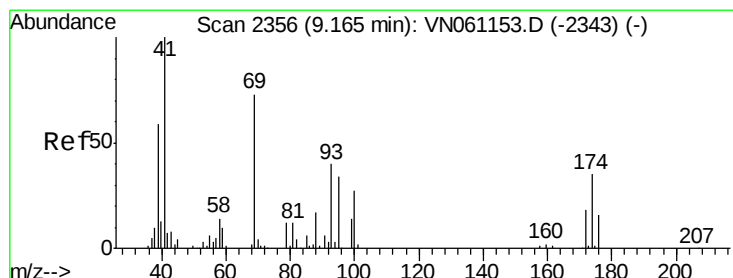
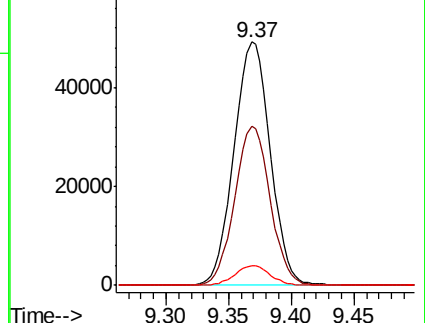
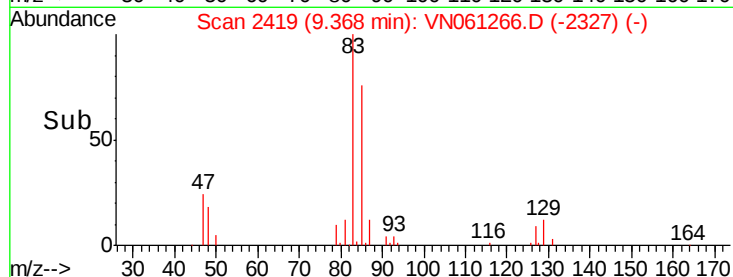
127 8.0 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2404) (-)



#48

Methyl methacrylate

Concen: 57.371 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

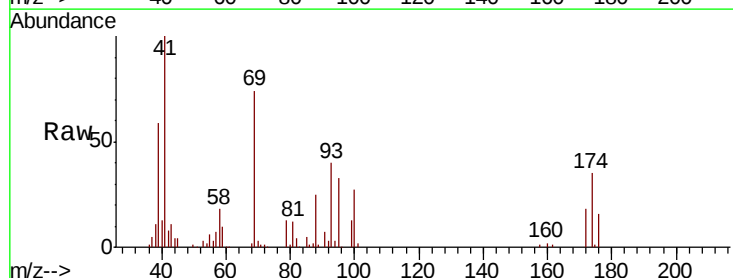
Tgt Ion: 41 Resp: 88392

Ion Ratio Lower Upper

41 100

69 75.0 60.3 90.5

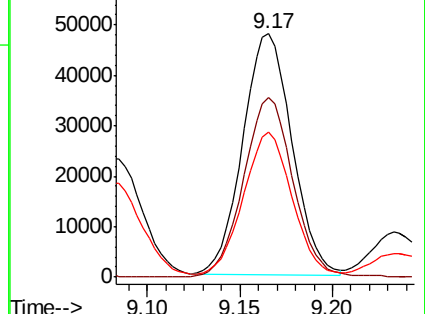
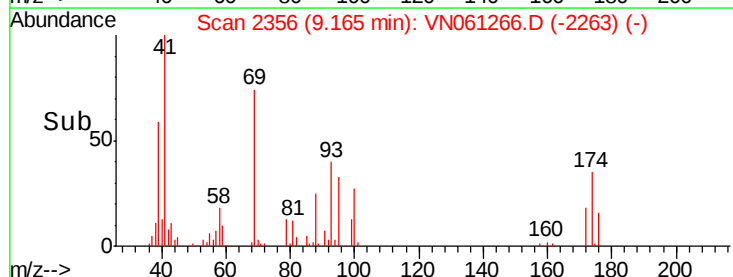
39 60.0 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2343) (-)

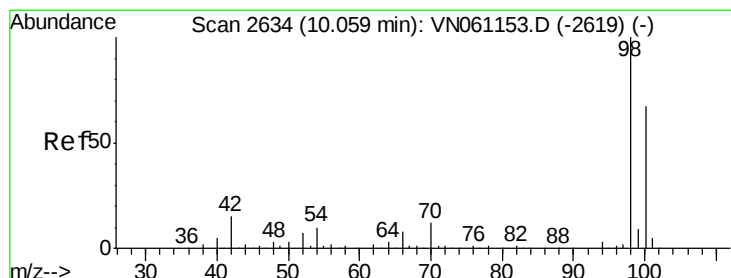
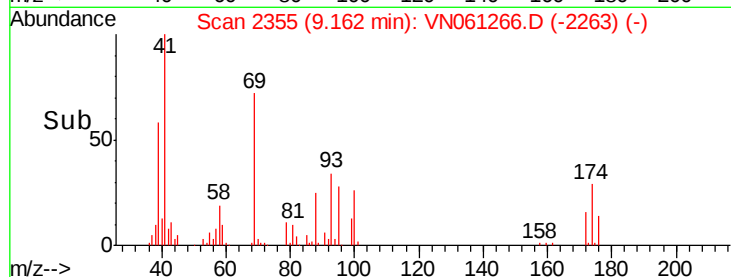
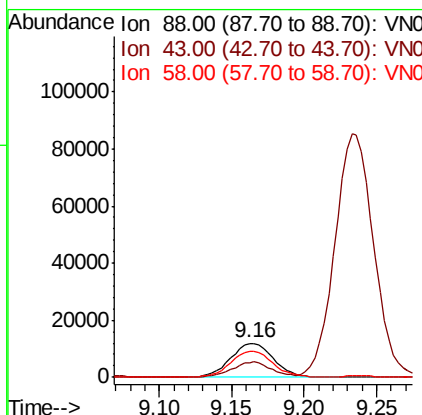
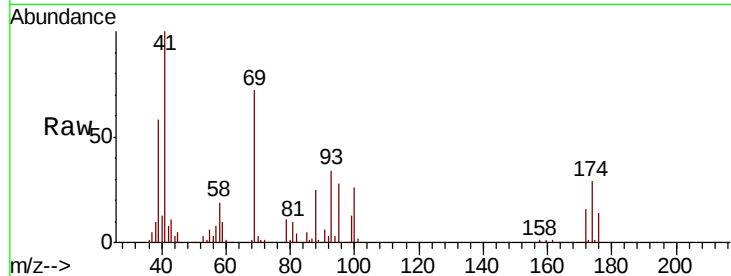




#49
 1,4-Dioxane
 Concen: 1406.538 ug/l
 RT: 9.16 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

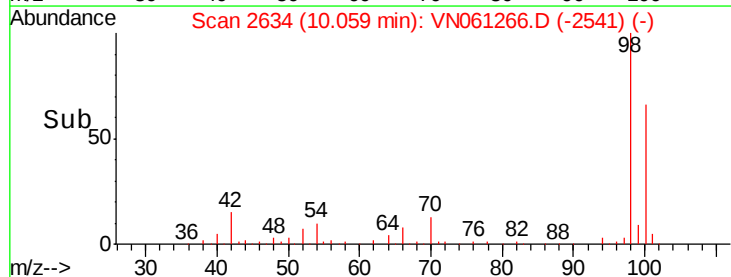
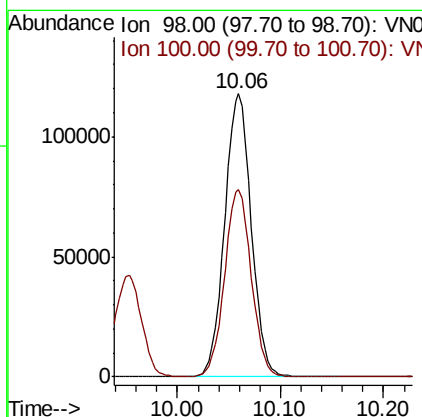
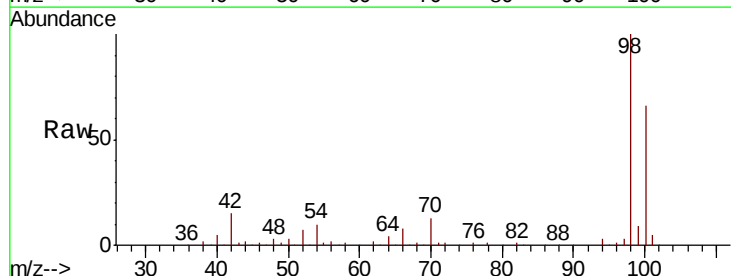
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 24599
 Ion Ratio Lower Upper
 88 100
 43 41.6 35.3 52.9
 58 76.2 61.5 92.3



#50
 Toluene-d8
 Concen: 50.204 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

Tgt Ion: 98 Resp: 212151
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.4 80.0

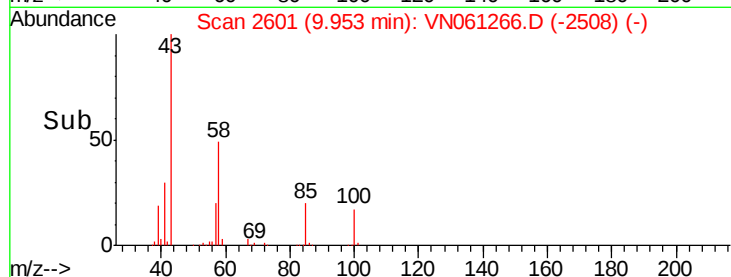
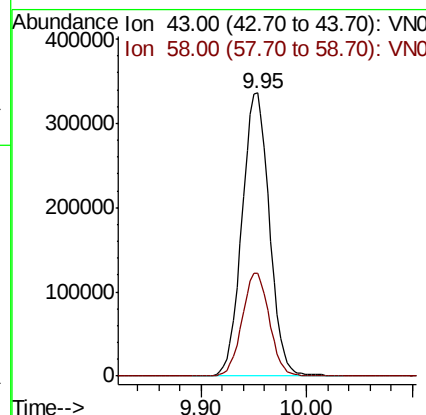
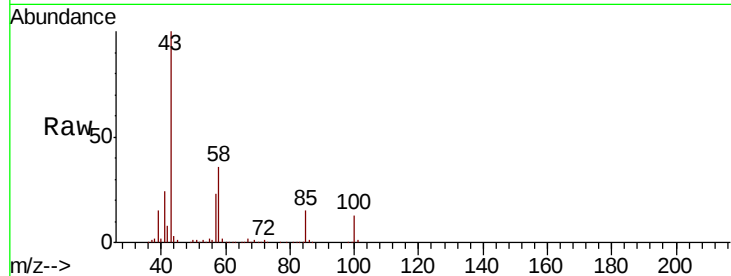




#51
 4-Methyl-2-Pentanone
 Concen: 301.607 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

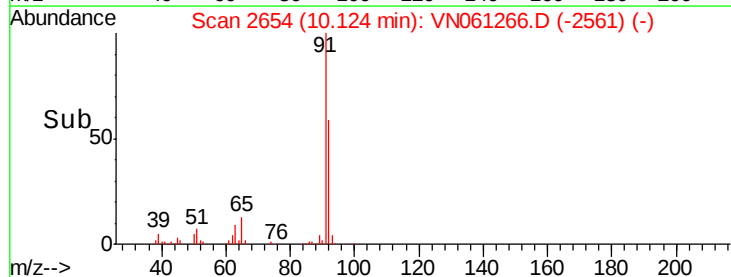
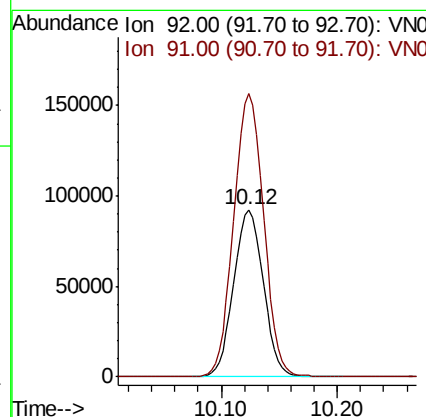
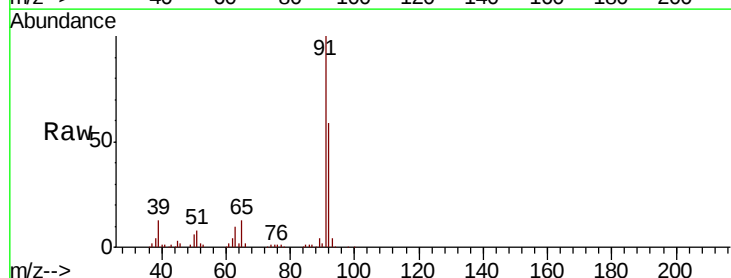
Instrument :
 MSVOA_N
 ClientSampled :

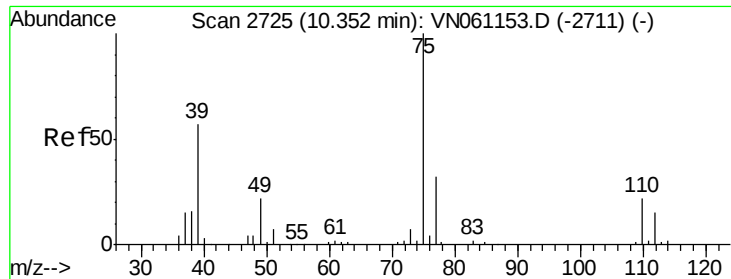
Tot Ion: 43 Resp: 606147
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.1 43.7



#52
 Toluene
 Concen: 52.014 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

Tgt Ion: 92 Resp: 163799
 Ion Ratio Lower Upper
 92 100
 91 171.0 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 49.323 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

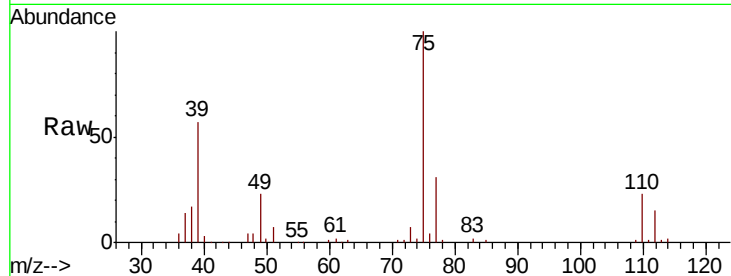
ClientSampleId :

Tot Ion: 75 Resp: 103165

Ion Ratio Lower Upper

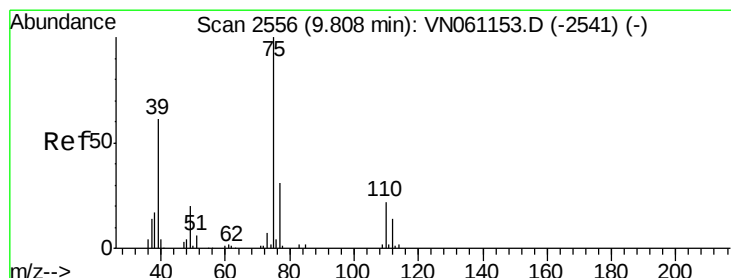
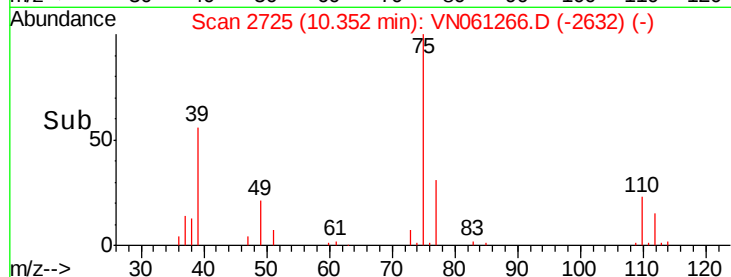
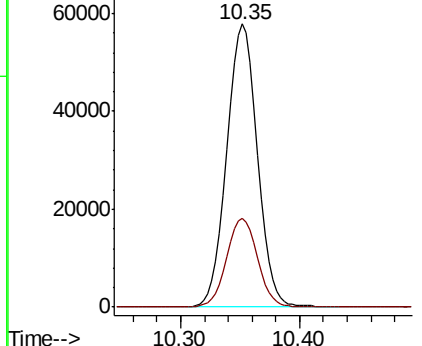
75 100

77 31.3 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-2711) (-)

Ion 76.90 (76.60 to 77.60): VN061153.D (-2711) (-)



#54

cis-1,3-Dichloropropene

Concen: 49.275 ug/l

RT: 9.81 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

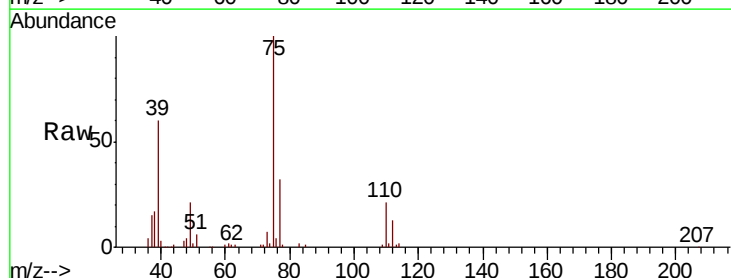
Tgt Ion: 75 Resp: 108960

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4

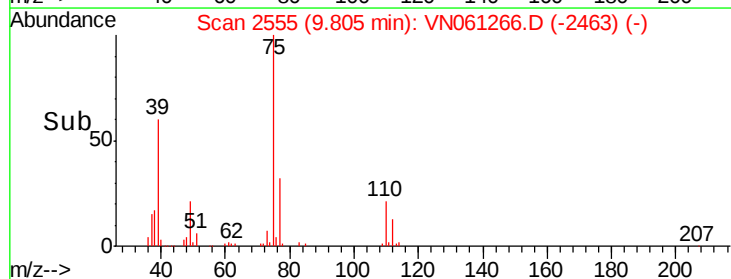
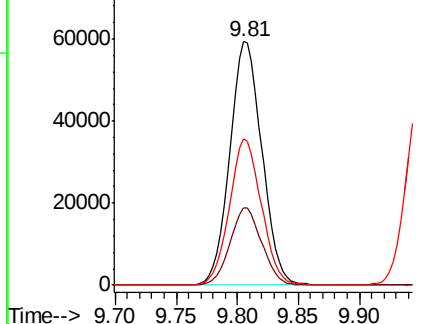
39 60.0 48.7 73.1

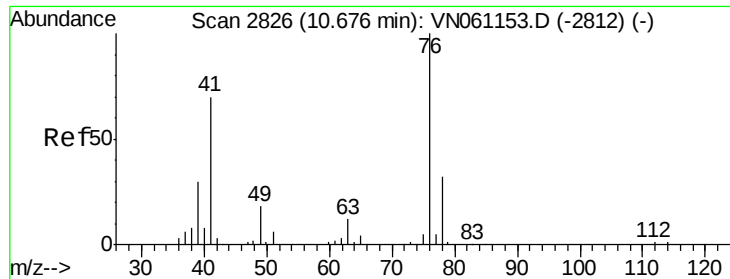


Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-2541) (-)

Ion 76.90 (76.60 to 77.60): VN061153.D (-2541) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2541) (-)

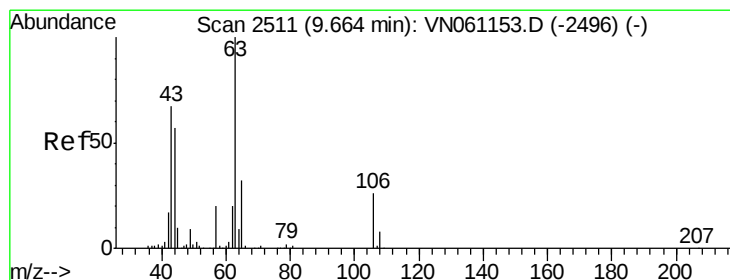
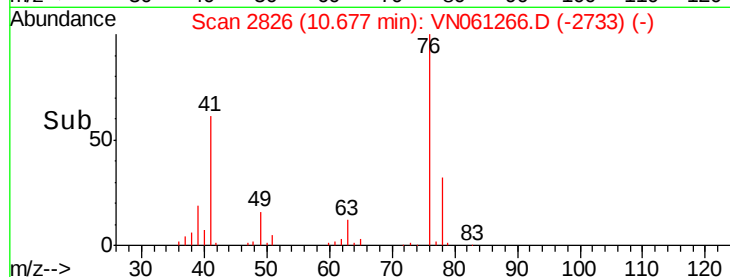
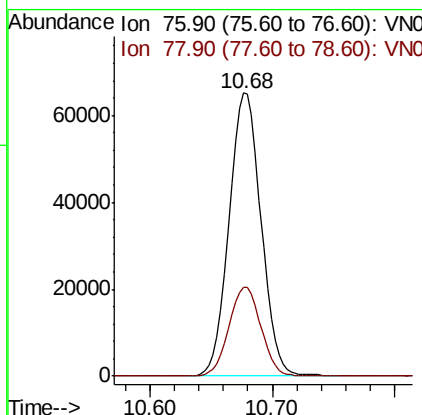
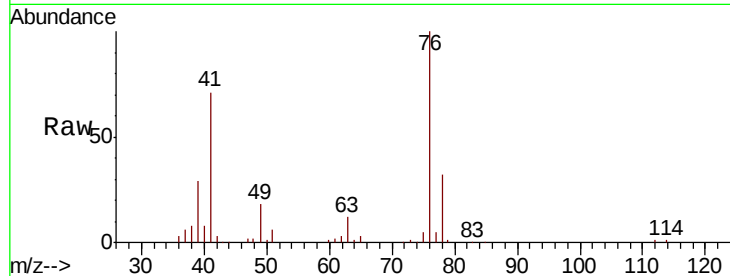




#57
 1,3-Dichloropropane
 Concen: 53.861 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

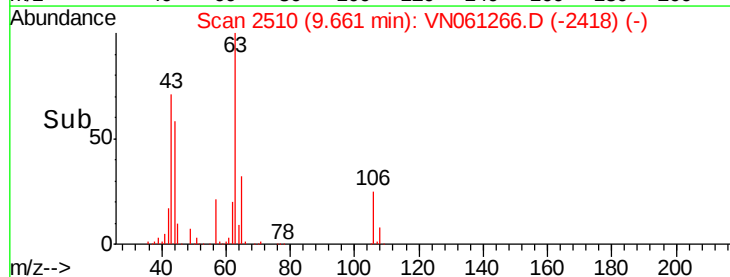
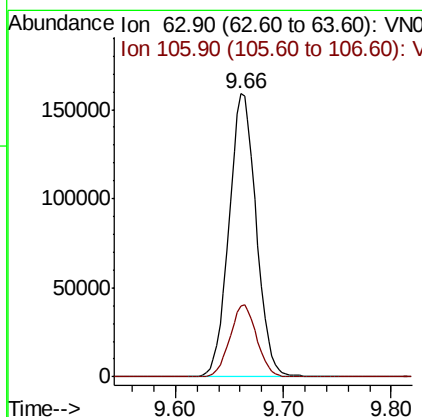
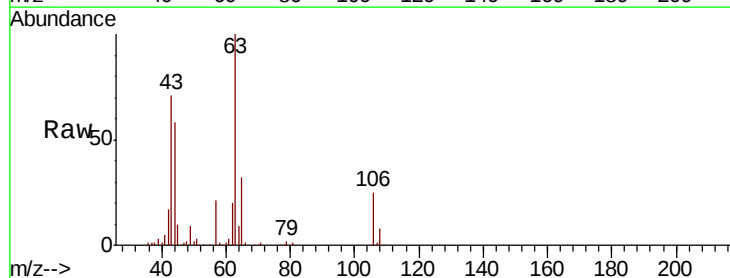
Instrument :
 MSVOA_N
 ClientSampled :

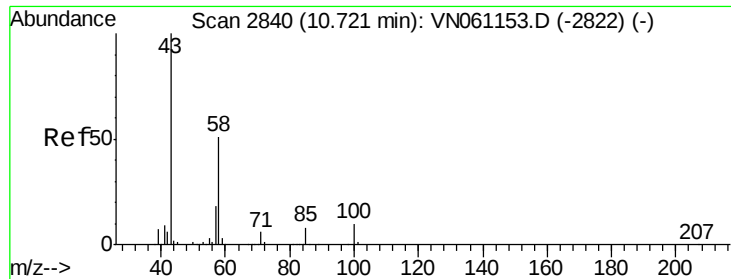
Tot Ion: 76 Resp: 118919
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.992 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

Tgt Ion: 63 Resp: 279594
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.6 30.8

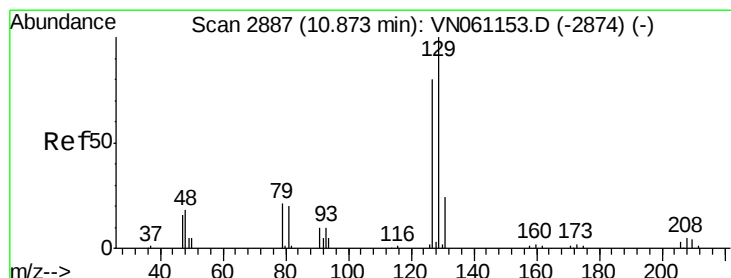
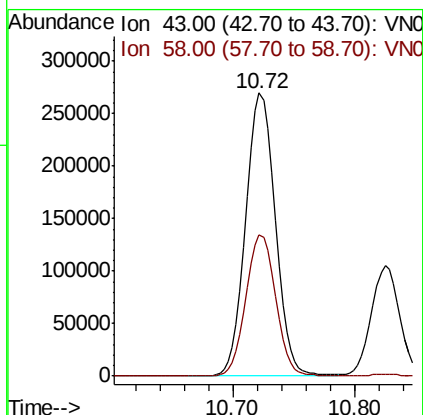
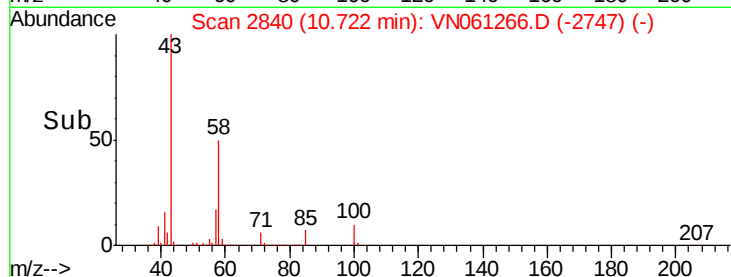
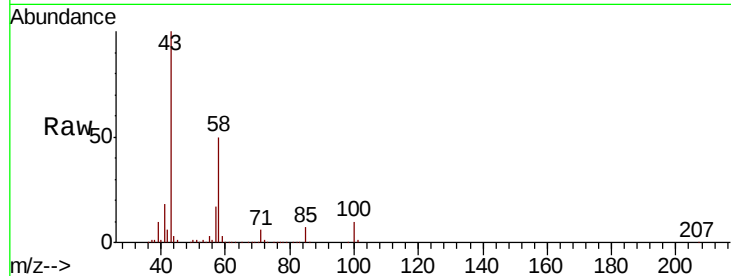




#59
2-Hexanone
Concen: 309.398 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

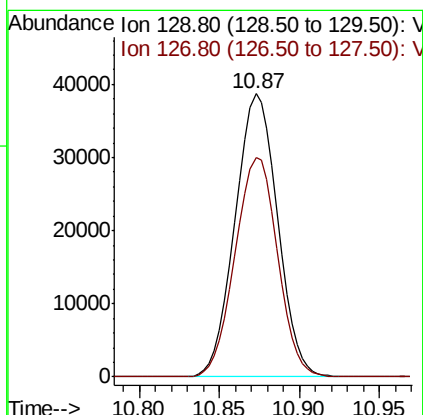
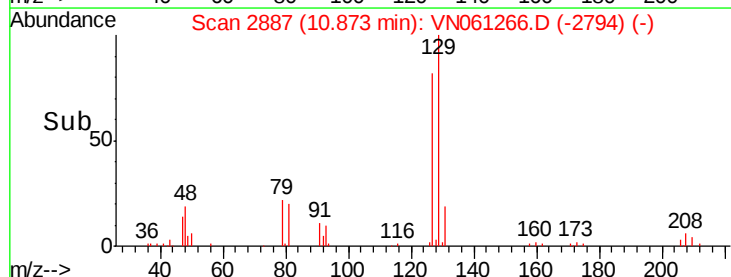
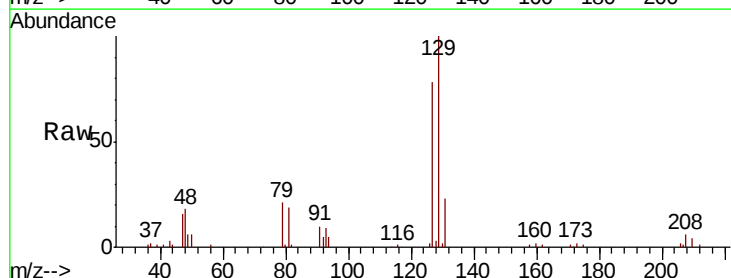
Instrument :
MSVOA_N
ClientSampled :

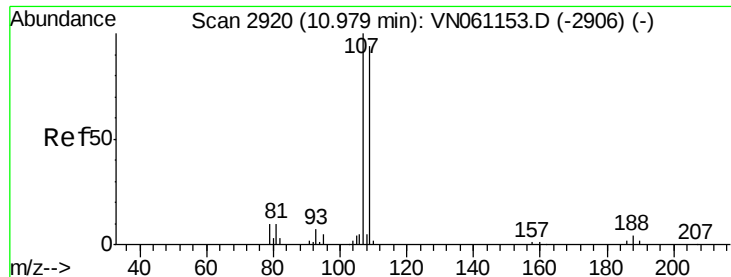
Tot Ion: 43 Resp: 452374
Ion Ratio Lower Upper
43 100
58 50.1 25.4 76.4



#60
Dibromochloromethane
Concen: 53.305 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion: 129 Resp: 70126
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8

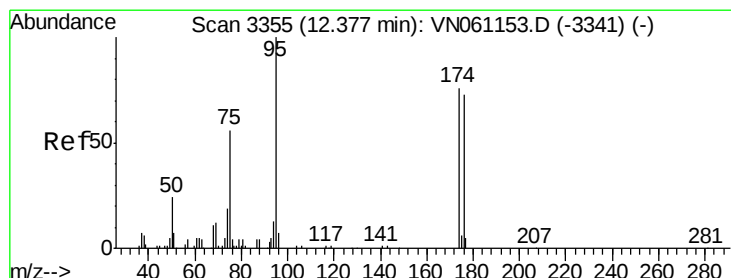
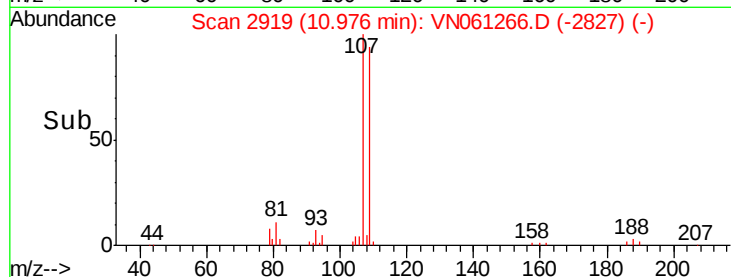
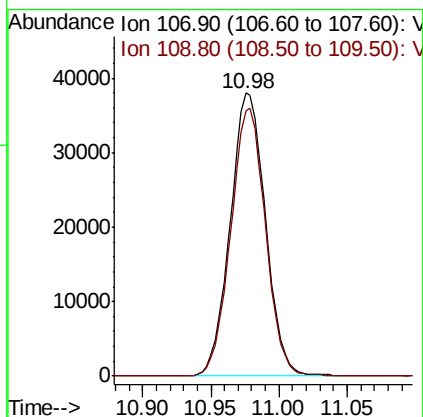
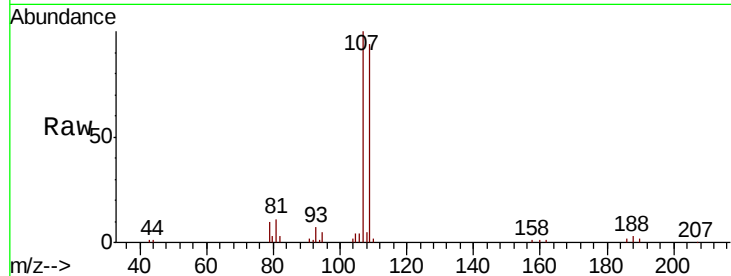




#61
 1,2-Dibromoethane
 Concen: 53.999 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

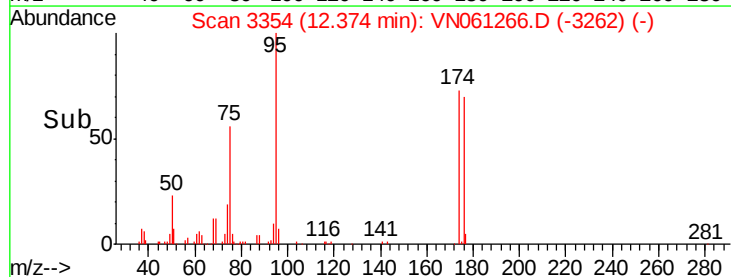
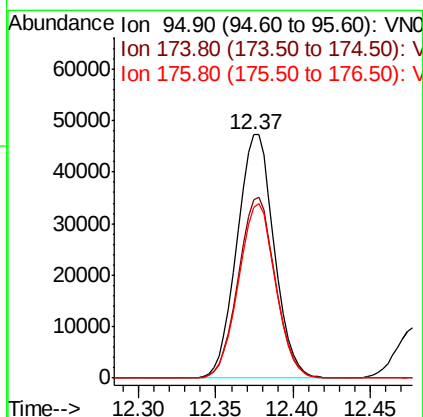
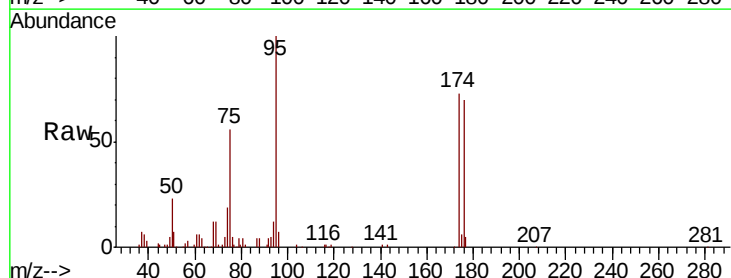
Instrument :
 MSVOA_N
 ClientSampleId :

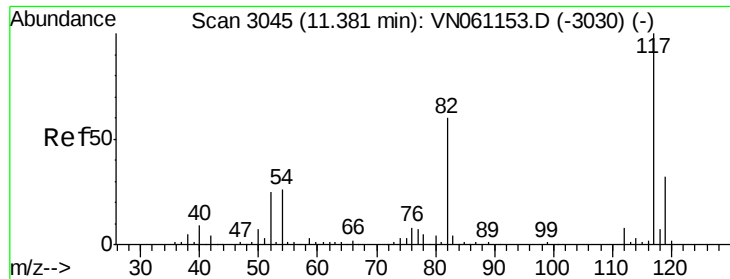
Tot Ion:107 Resp: 67983
 Ion Ratio Lower Upper
 107 100
 109 93.4 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.797 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

Tgt Ion: 95 Resp: 79188
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 149.4
 176 71.1 0.0 144.8

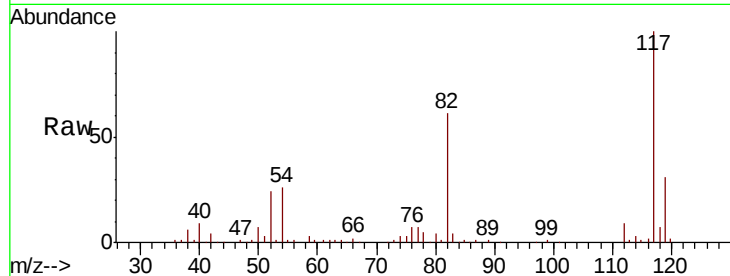




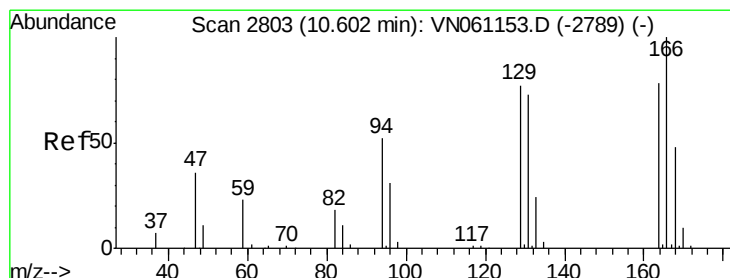
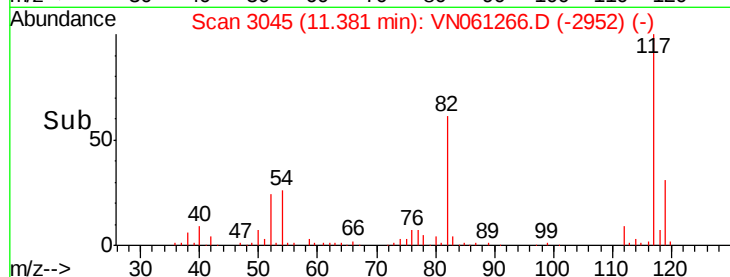
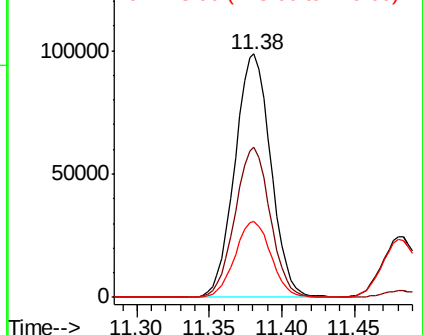
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 170423
Ion Ratio Lower Upper
117 100
82 61.5 47.8 71.8
119 31.0 25.8 38.6

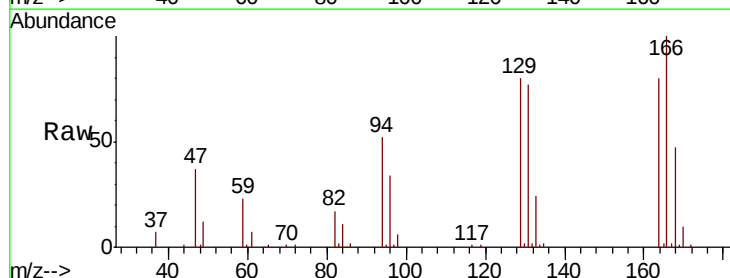


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

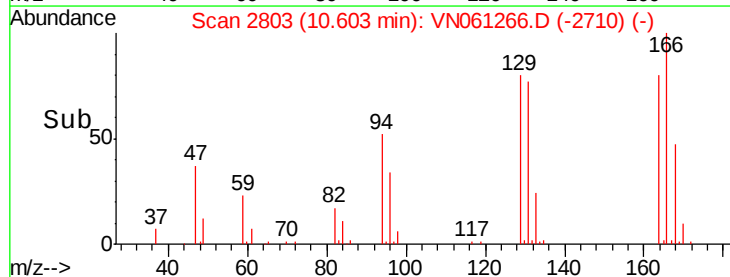
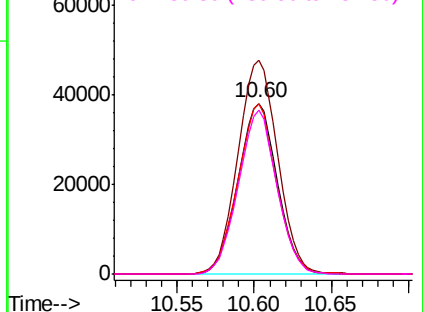


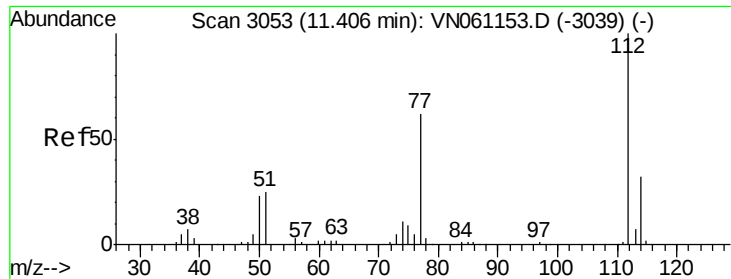
#64
Tetrachloroethene
Concen: 45.348 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion:164 Resp: 66936
Ion Ratio Lower Upper
164 100
166 125.1 102.0 153.0
129 99.9 78.2 117.2
131 95.8 74.5 111.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

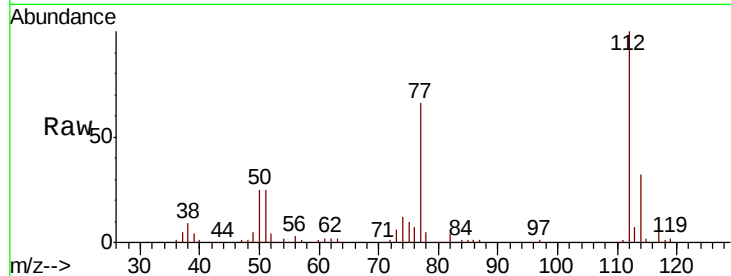




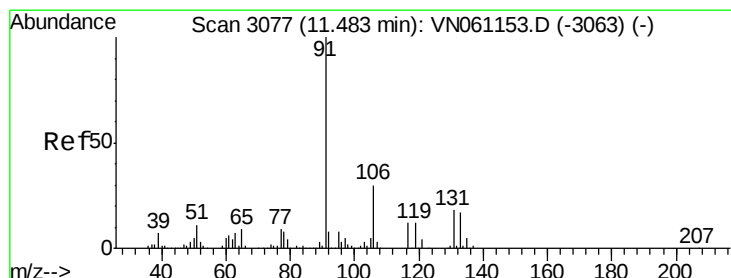
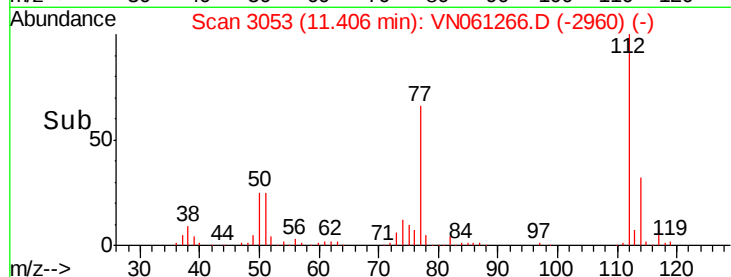
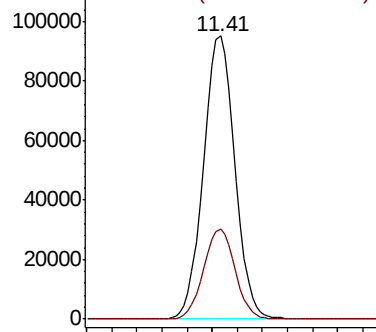
#65
Chlorobenzene
Concen: 48.942 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 165455
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

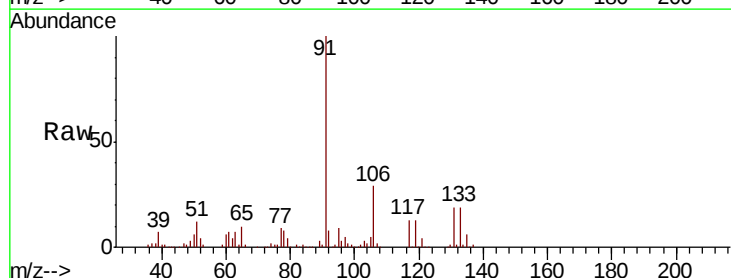


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

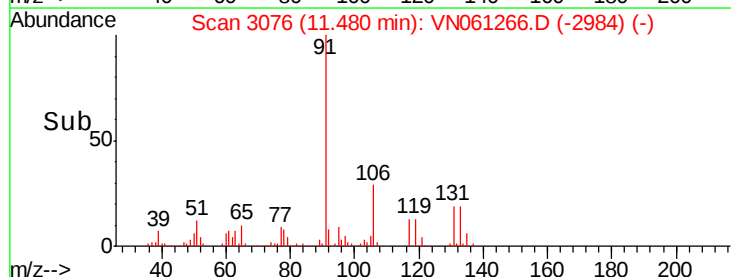
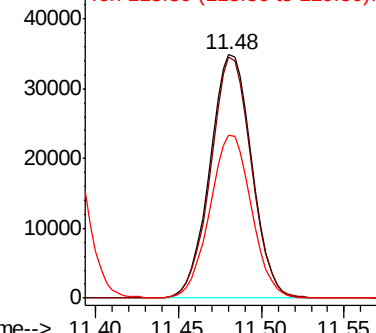


#66
1,1,1,2-Tetrachloroethane
Concen: 50.647 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion:131 Resp: 61281
Ion Ratio Lower Upper
131 100
133 96.6 48.0 144.2
119 66.6 32.6 97.8



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





#67

Ethyl Benzene

Concen: 50.046 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

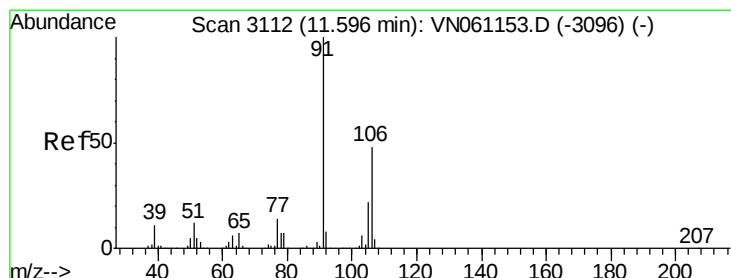
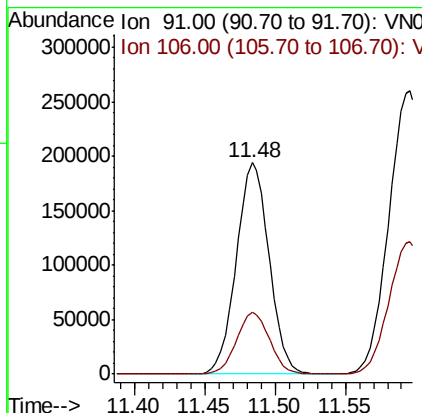
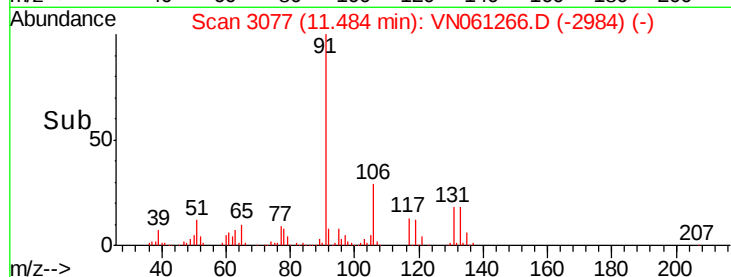
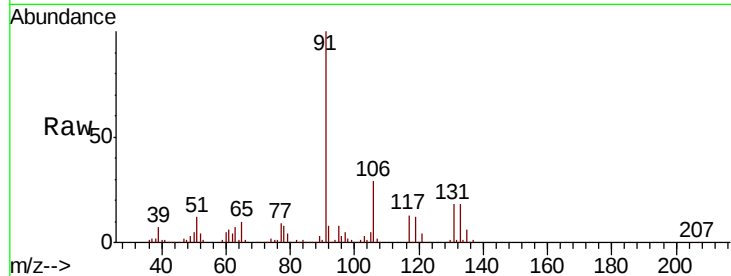
ClientSampled :

Tot Ion: 91 Resp: 316715

Ion Ratio Lower Upper

91 100

106 29.2 23.8 35.6



#68

m/p-Xylenes

Concen: 99.933 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061266.D

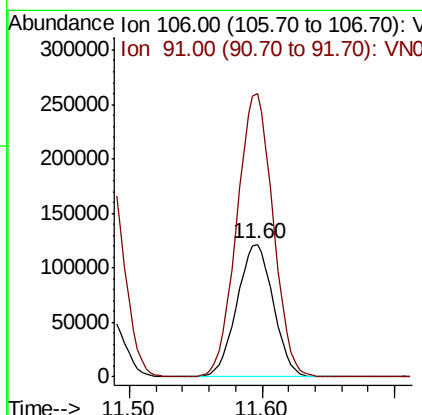
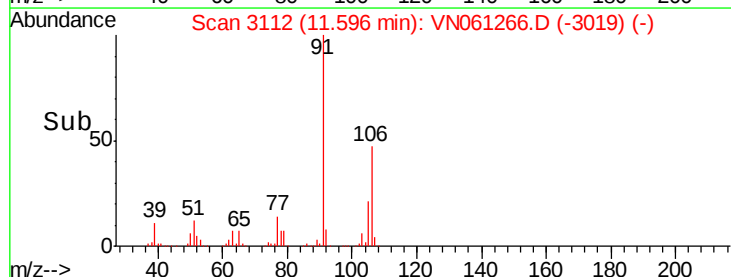
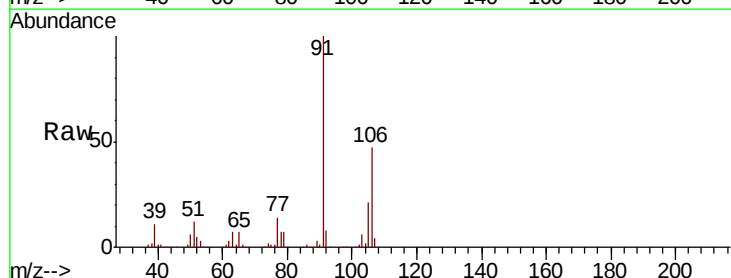
Acq: 2 May 2020 10:27

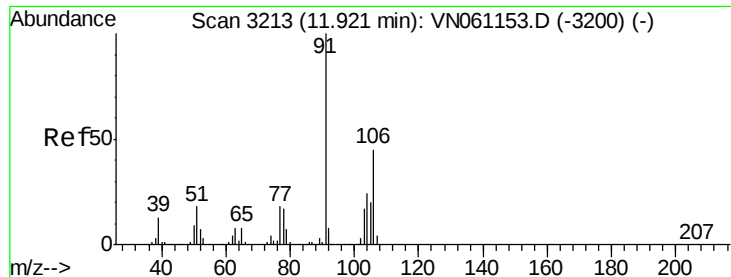
Tgt Ion: 106 Resp: 231487

Ion Ratio Lower Upper

106 100

91 212.5 166.4 249.6

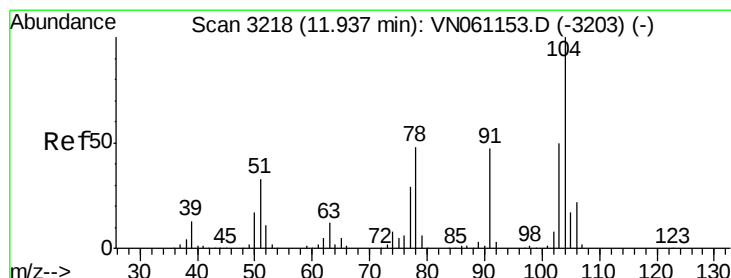
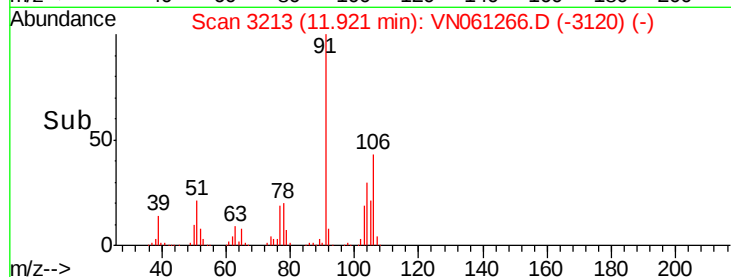
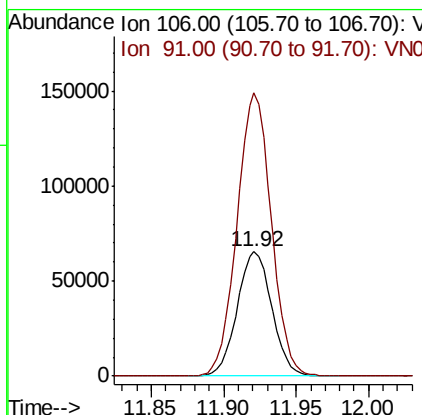
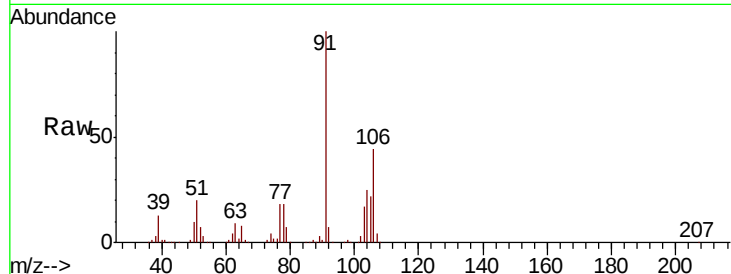




#69
o-Xylene
Concen: 48.841 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

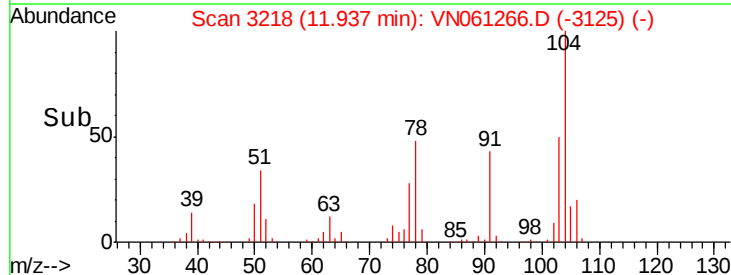
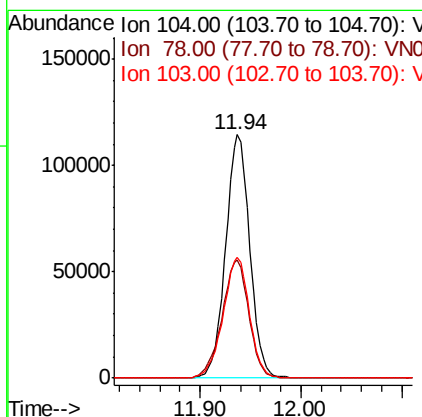
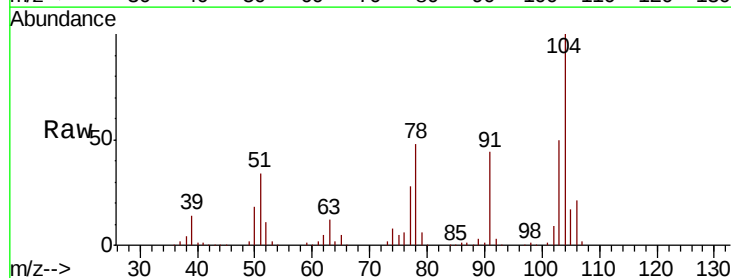
Instrument :
MSVOA_N
ClientSampled :

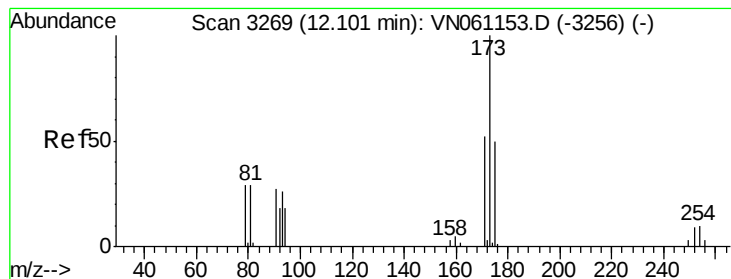
Tot Ion:106 Resp: 108675
Ion Ratio Lower Upper
106 100
91 225.0 109.7 329.0



#70
Styrene
Concen: 51.585 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion:104 Resp: 192108
Ion Ratio Lower Upper
104 100
78 53.5 42.1 63.1
103 53.9 43.3 64.9





#71

Bromoform

Concen: 54.629 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

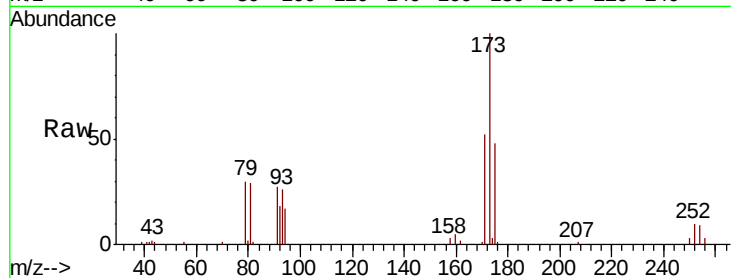
Tot Ion:173 Resp: 48579

Ion Ratio Lower Upper

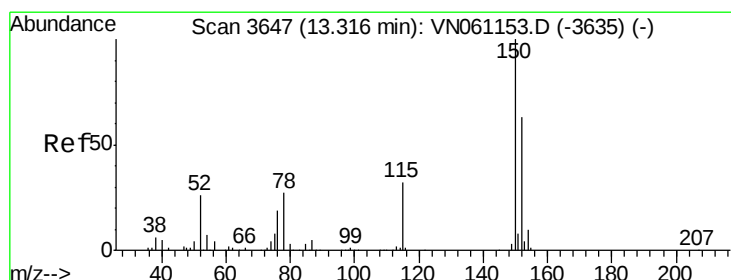
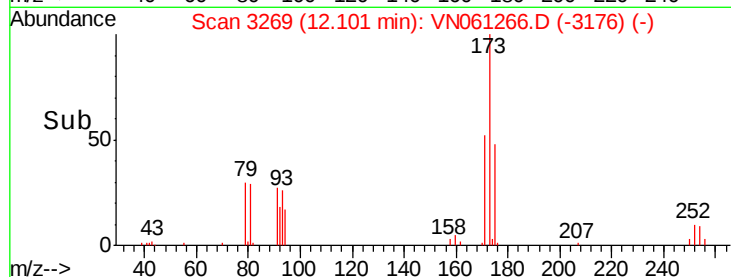
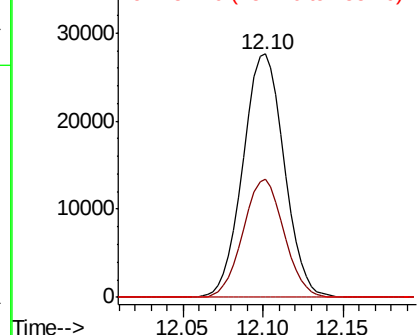
173 100

175 47.9 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

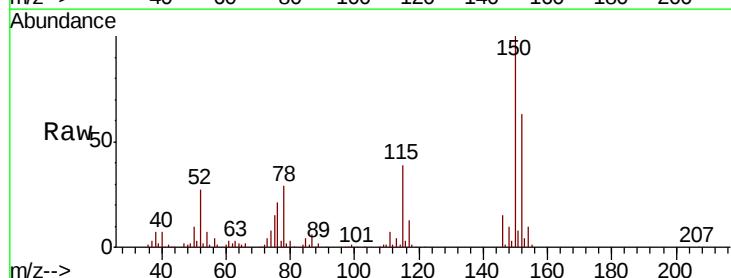
Tgt Ion:152 Resp: 83852

Ion Ratio Lower Upper

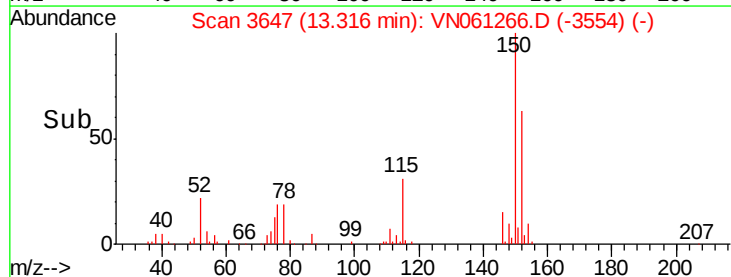
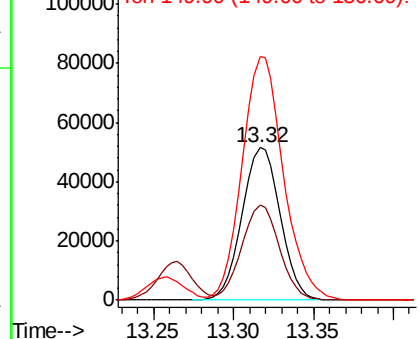
152 100

115 61.6 31.0 93.0

150 173.3 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.805 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

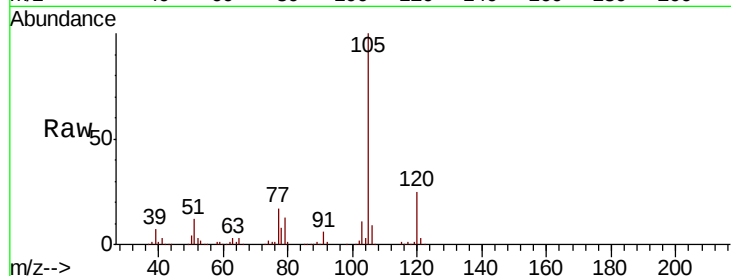
ClientSampleId :

Tot Ion:105 Resp: 300849

Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

200000

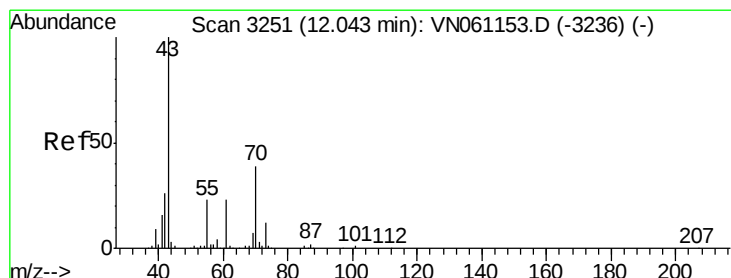
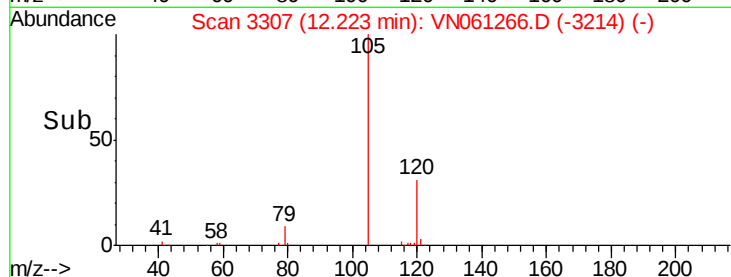
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 53.376 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Tgt Ion: 43 Resp: 166613

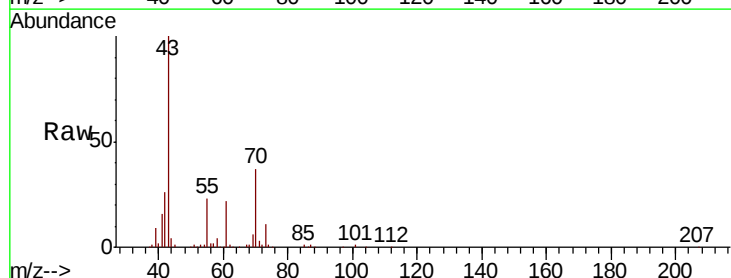
Ion Ratio Lower Upper

43 100

70 37.1 30.6 46.0

55 23.7 18.5 27.7

61 21.5 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.04

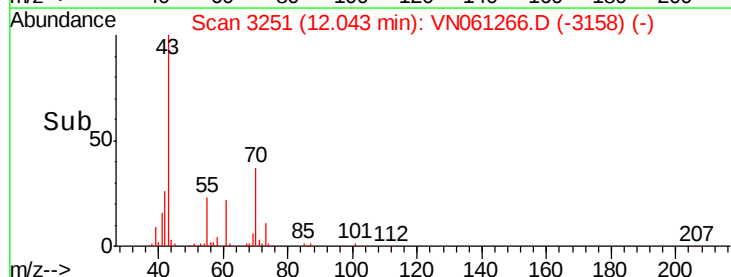
150000

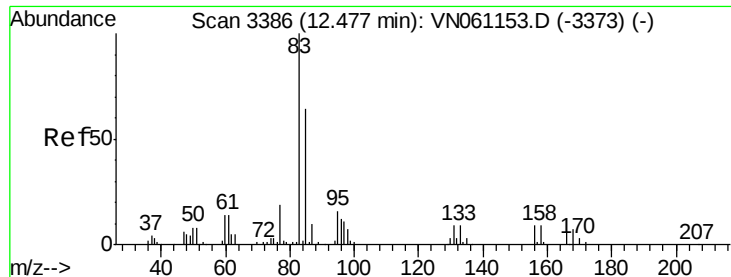
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.530 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

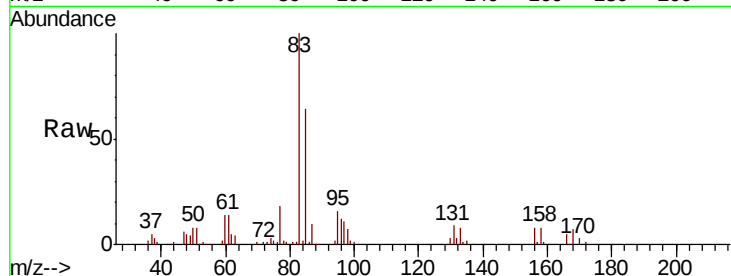
Tot Ion: 83 Resp: 100969

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

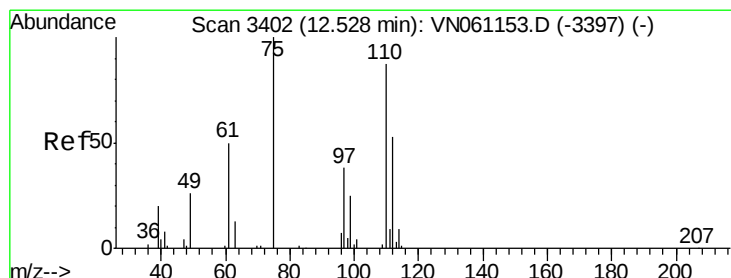
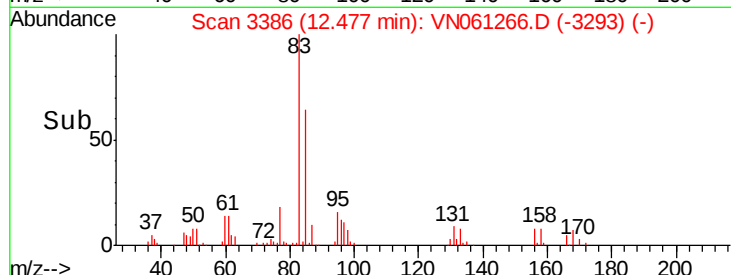
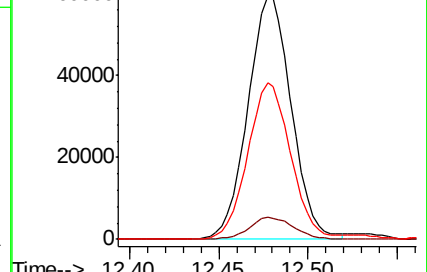
85 65.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061266.D (-3293) (-)

Ion 130.80 (130.50 to 131.50): VN061266.D (-3293) (-)

Ion 84.90 (84.60 to 85.60): VN061266.D (-3293) (-)



#76

1,2,3-Trichloropropane

Concen: 76.536 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061266.D

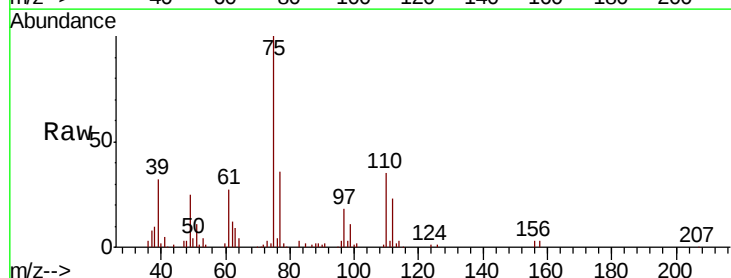
Acq: 2 May 2020 10:27

Tgt Ion: 75 Resp: 135302

Ion Ratio Lower Upper

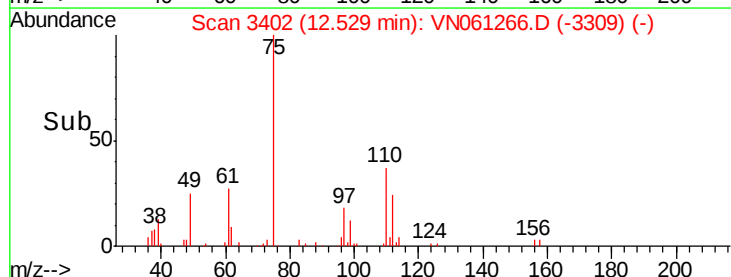
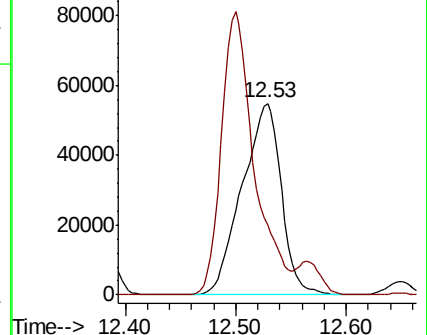
75 100

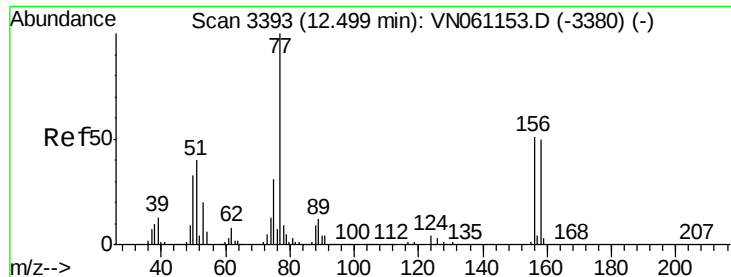
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061266.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061266.D (-3309) (-)





#77

Bromobenzene

Concen: 48.736 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

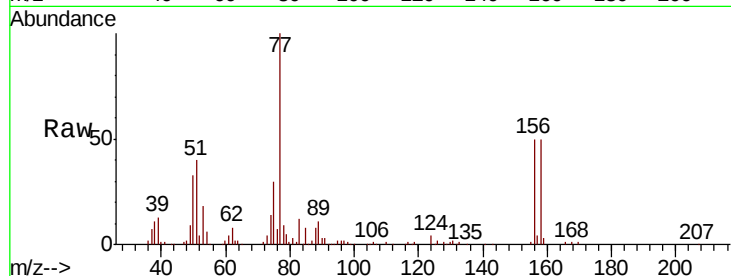
Tot Ion:156 Resp: 69351

Ion Ratio Lower Upper

156 100

77 242.4 117.4 352.2

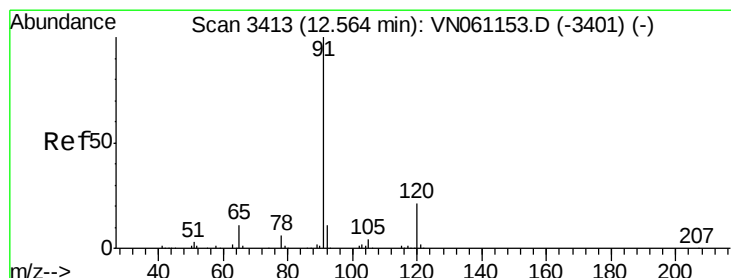
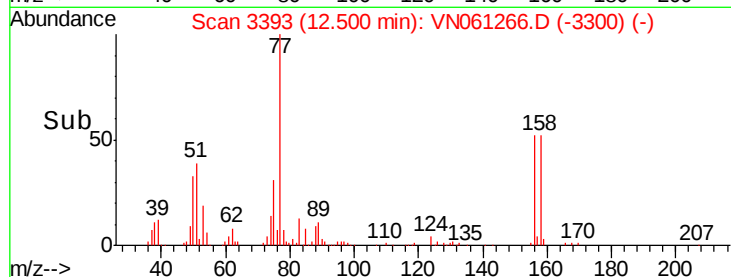
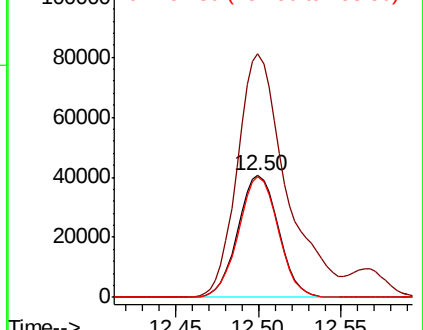
158 97.0 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.676 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061266.D

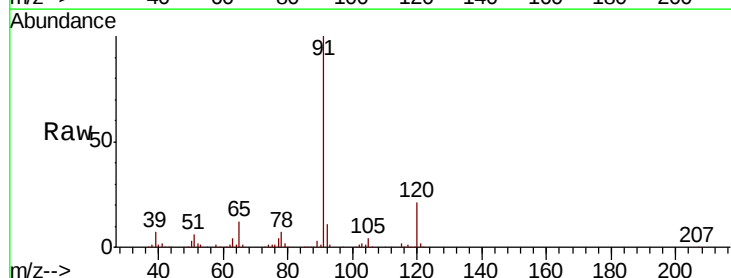
Acq: 2 May 2020 10:27

Tgt Ion: 91 Resp: 363211

Ion Ratio Lower Upper

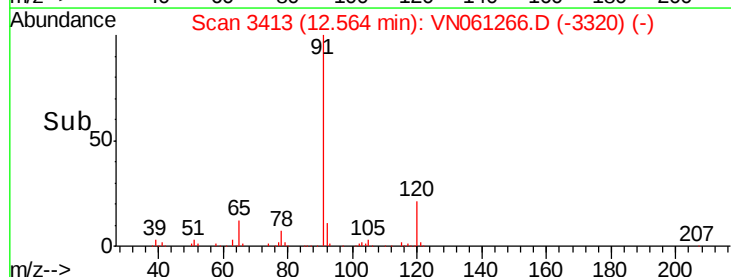
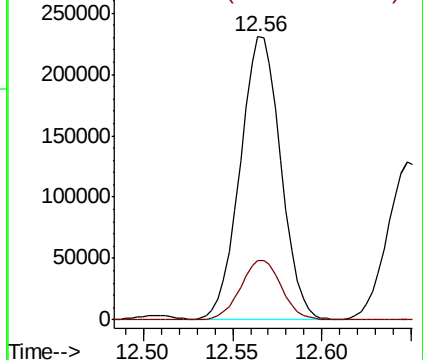
91 100

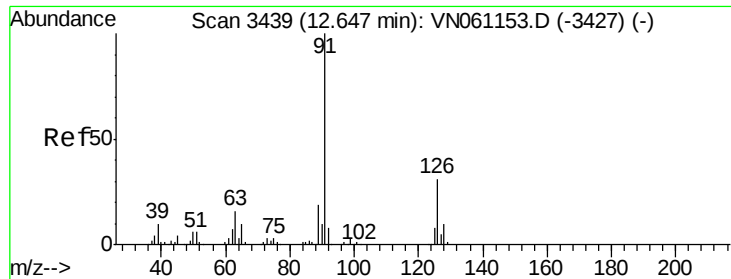
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.907 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

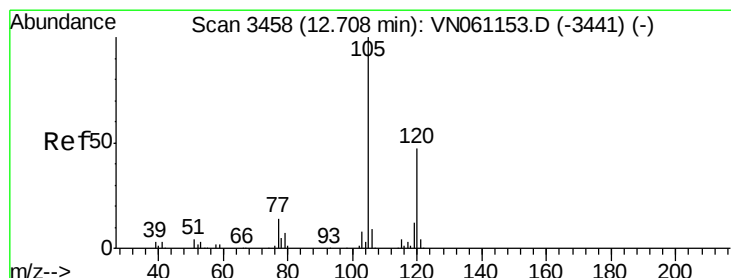
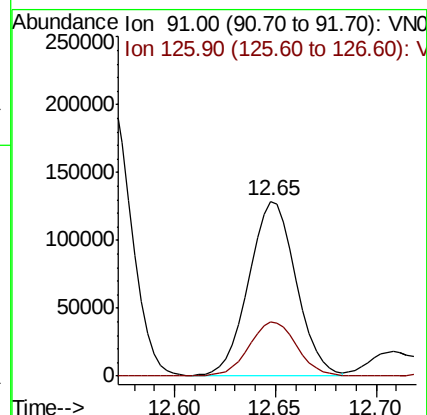
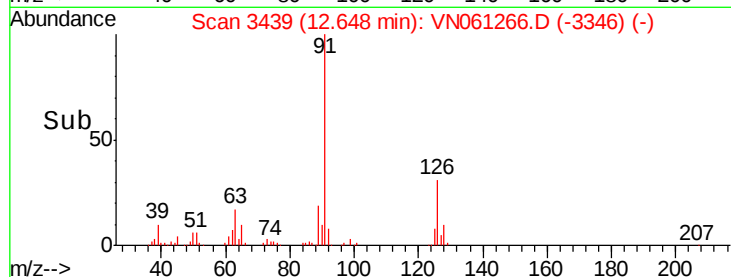
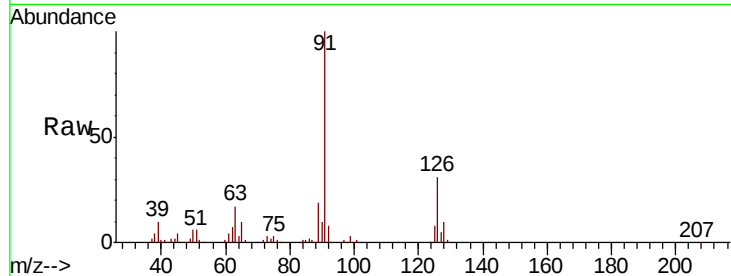
ClientSampled :

Tot Ion: 91 Resp: 210180

Ion Ratio Lower Upper

91 100

126 31.5 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 50.283 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061266.D

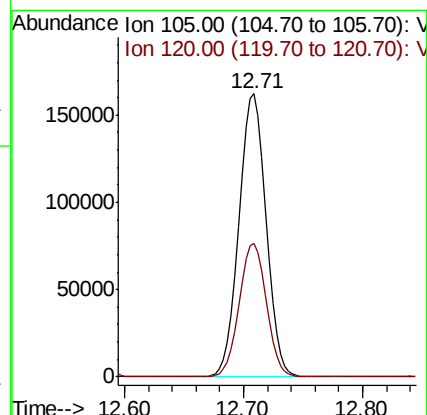
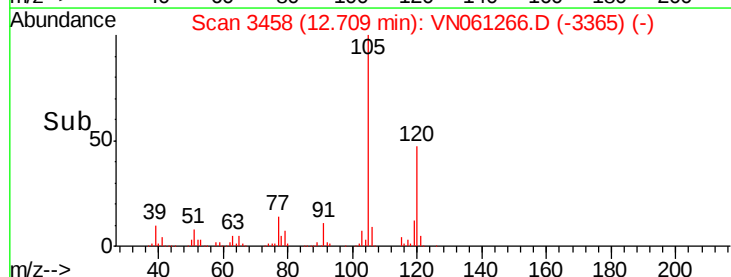
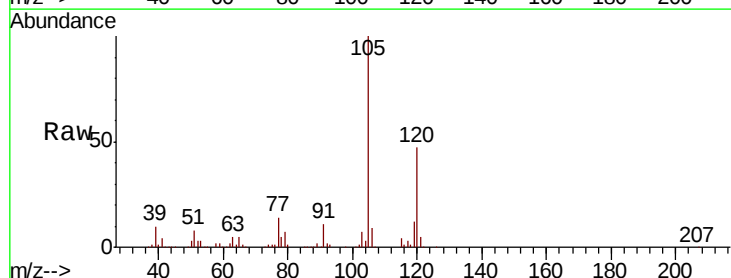
Acq: 2 May 2020 10:27

Tgt Ion:105 Resp: 256544

Ion Ratio Lower Upper

105 100

120 47.4 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 47.011 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

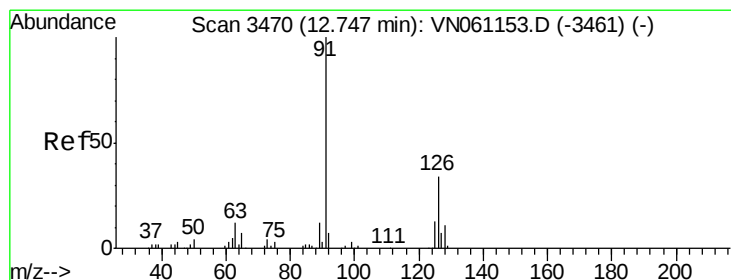
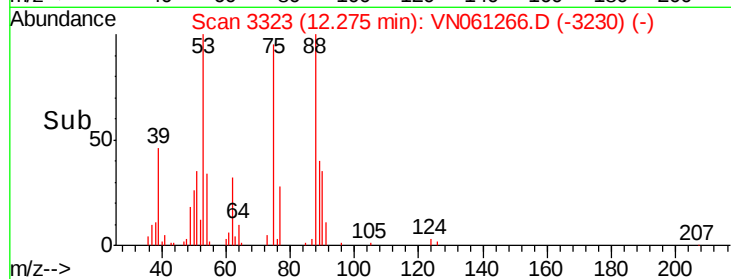
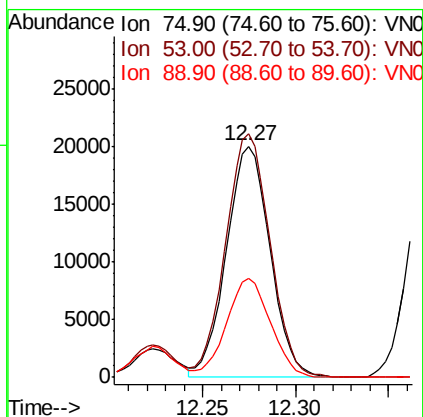
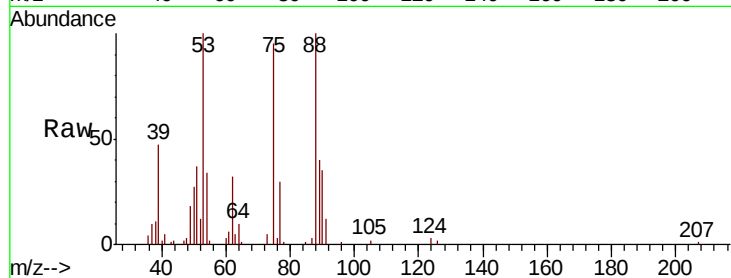
Tot Ion: 75 Resp: 32726

Ion Ratio Lower Upper

75 100

53 107.1 84.1 126.1

89 42.9 35.2 52.8



#82

4-Chlorotoluene

Concen: 50.032 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061266.D

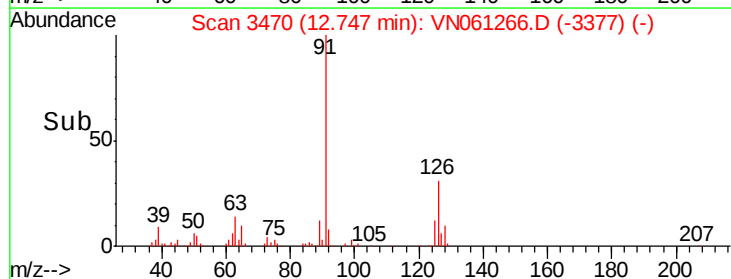
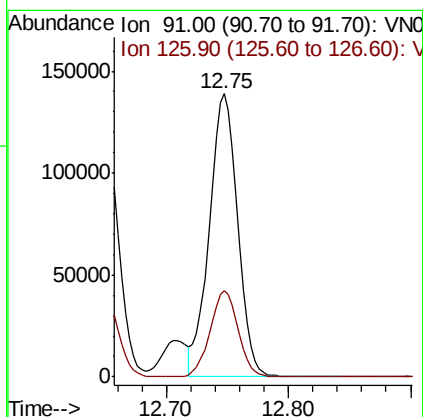
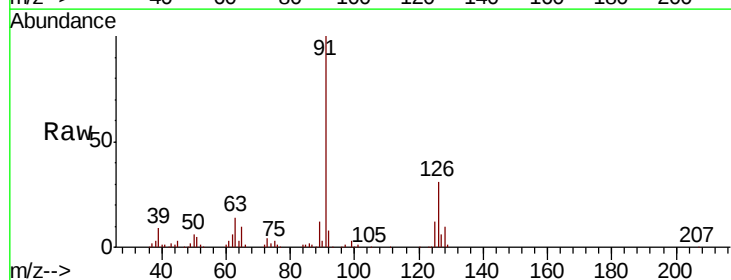
Acq: 2 May 2020 10:27

Tgt Ion: 91 Resp: 226621

Ion Ratio Lower Upper

91 100

126 30.1 15.7 47.1

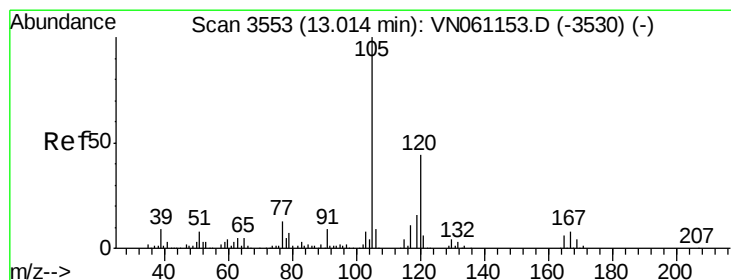
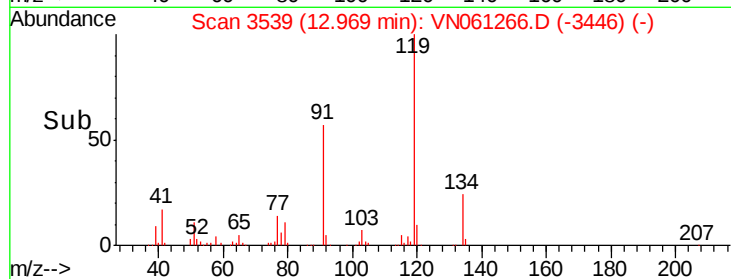
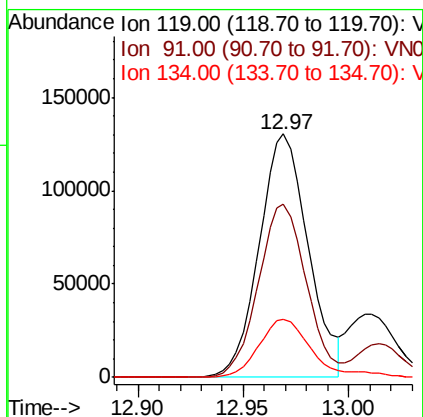
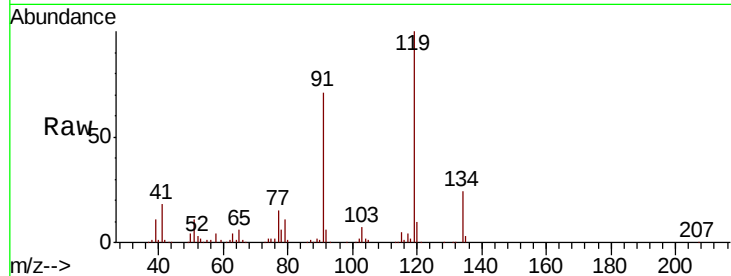




#83
tert-Butylbenzene
Concen: 49.076 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

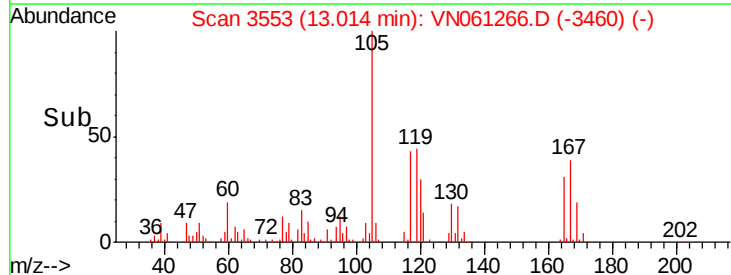
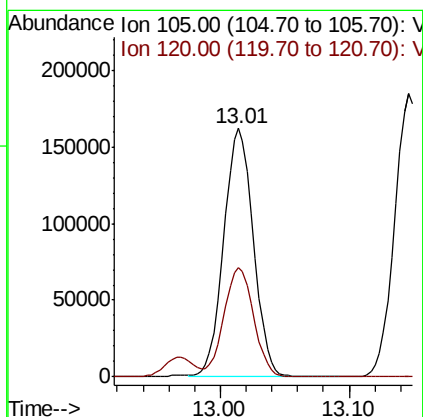
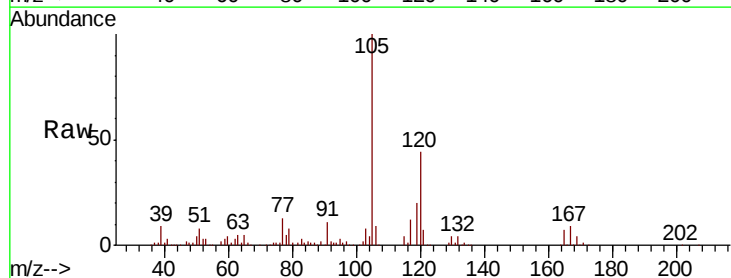
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 211126
Ion Ratio Lower Upper
119 100
91 69.7 34.8 104.4
134 25.9 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 49.022 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion:105 Resp: 257682
Ion Ratio Lower Upper
105 100
120 44.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.642 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

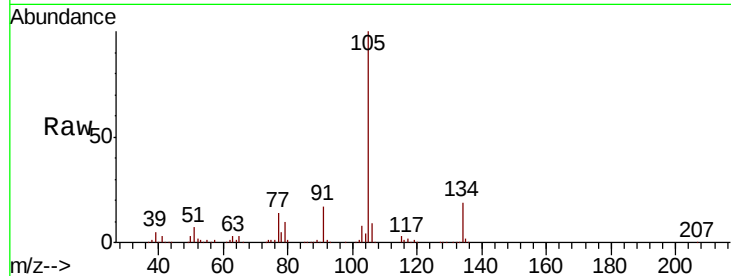
ClientSampleId :

Tot Ion:105 Resp: 291163

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

200000

150000

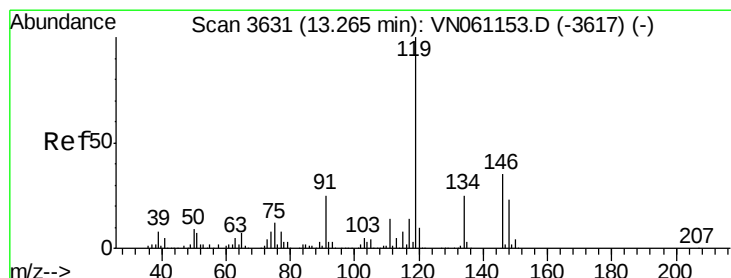
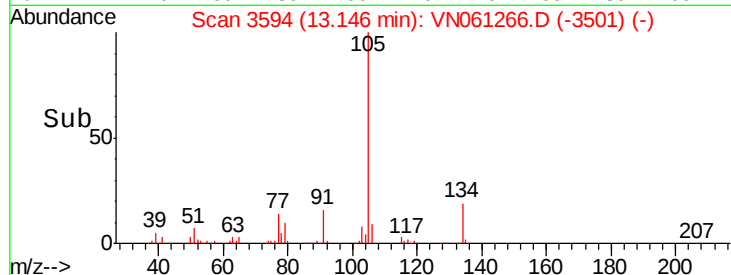
100000

50000

0

Time-->

13.10 13.20



#86

p-Isopropyltoluene

Concen: 49.450 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

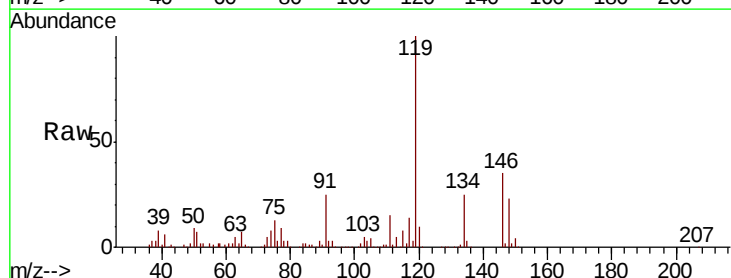
Tgt Ion:119 Resp: 261321

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.6

91 25.3 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

200000

150000

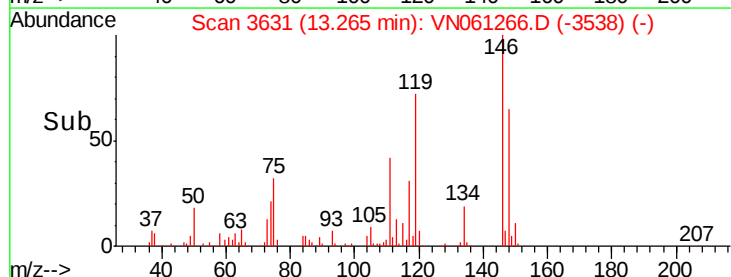
100000

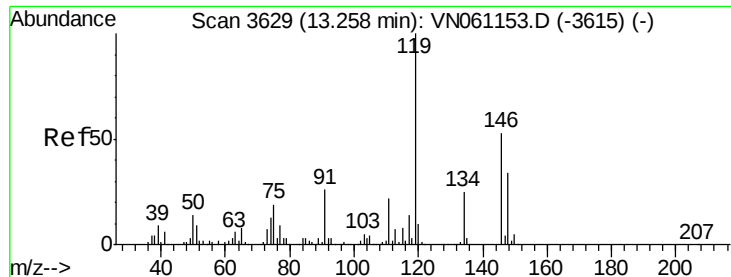
50000

0

Time-->

13.20 13.30





#87

1,3-Dichlorobenzene

Concen: 48.351 ug/l

RT: 13.26 min Scan# 3628

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

ClientSampled :

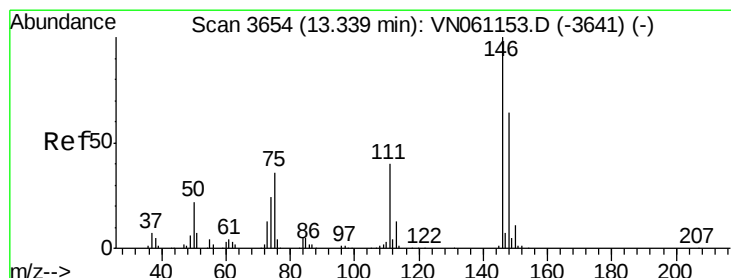
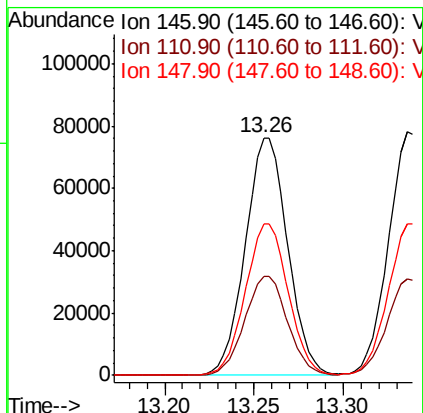
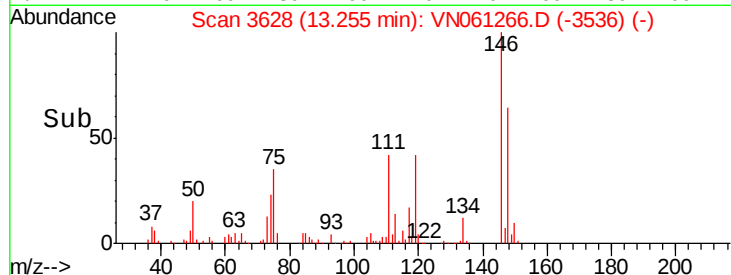
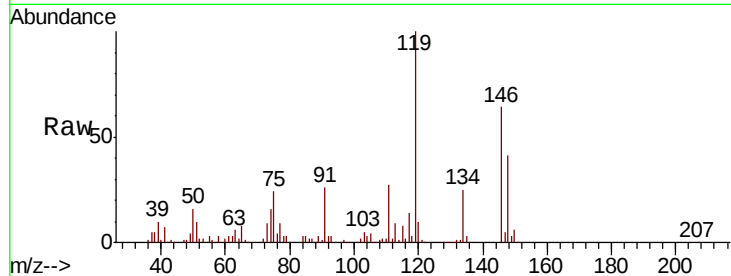
Tot Ion:146 Resp: 126663

Ion Ratio Lower Upper

146 100

111 42.1 20.7 62.1

148 64.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.123 ug/l

RT: 13.34 min Scan# 3653

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

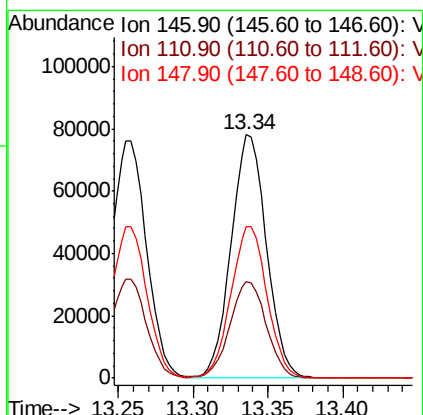
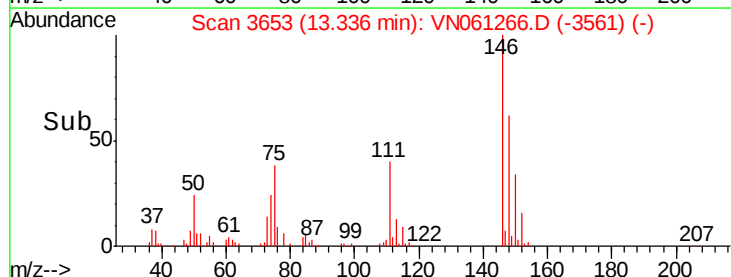
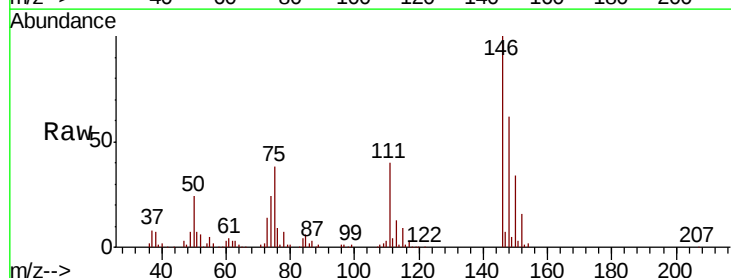
Tgt Ion:146 Resp: 128807

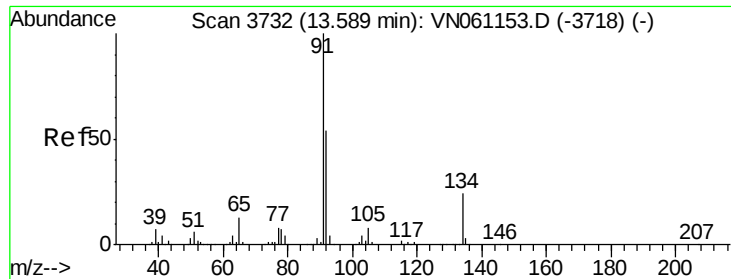
Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.3

148 63.5 31.9 95.7

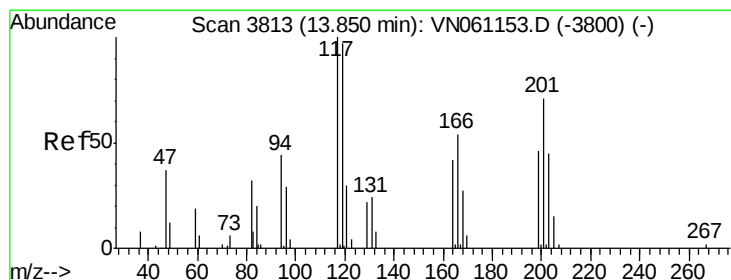
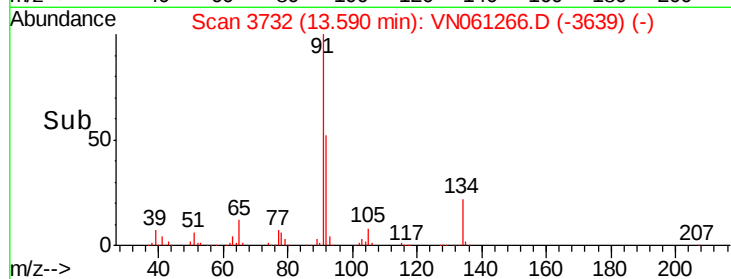
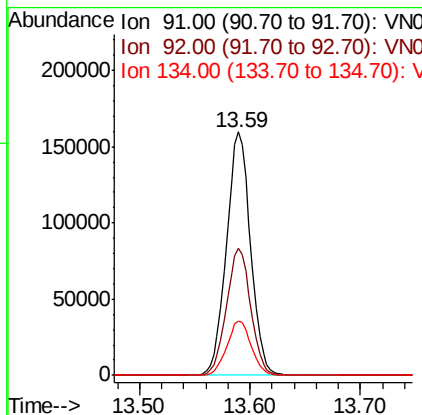
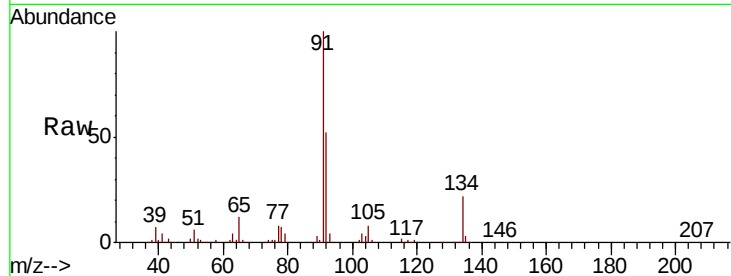




#89
n-Butylbenzene
Concen: 49.959 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

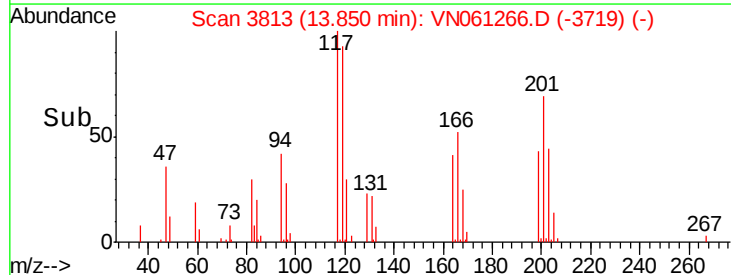
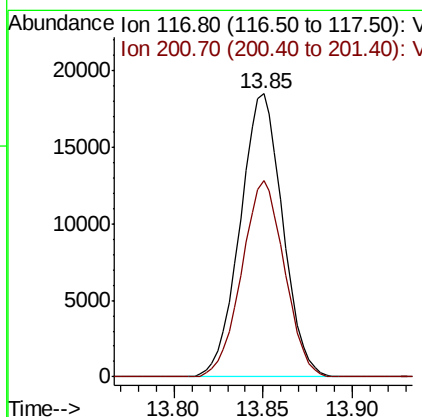
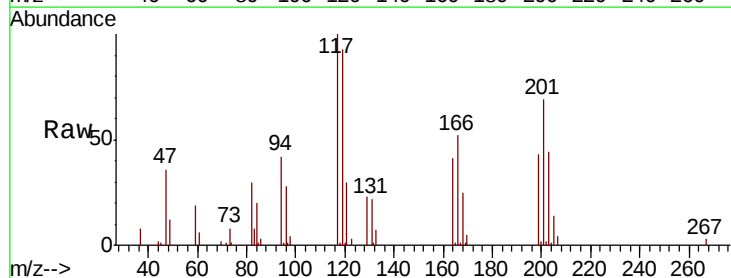
Instrument :
MSVOA_N
ClientSampleId :

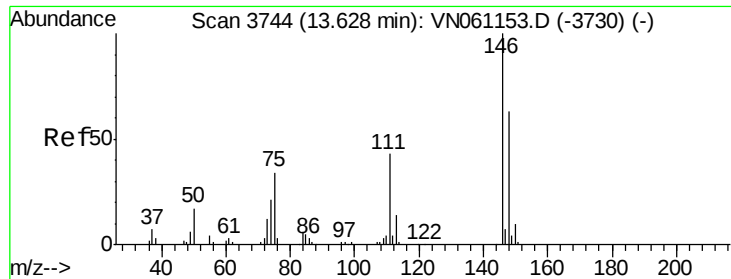
Tot Ion: 91 Resp: 242031
Ion Ratio Lower Upper
91 100
92 52.5 26.8 80.3
134 22.7 11.9 35.5



#90
Hexachloroethane
Concen: 55.130 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061266.D
Acq: 2 May 2020 10:27

Tgt Ion: 117 Resp: 30897
Ion Ratio Lower Upper
117 100
201 69.3 35.5 106.7

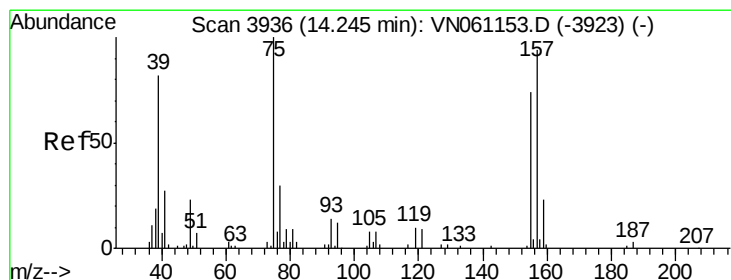
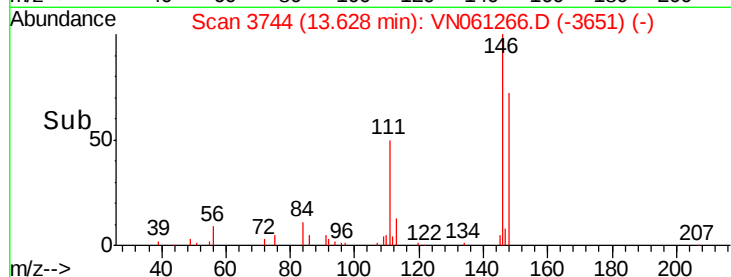
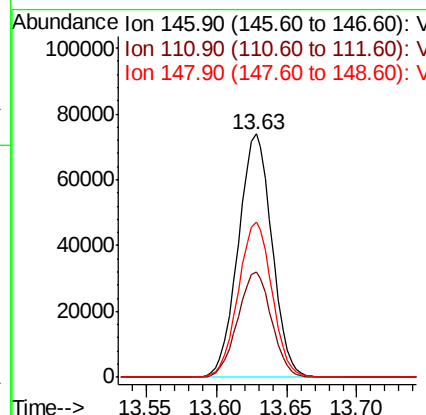
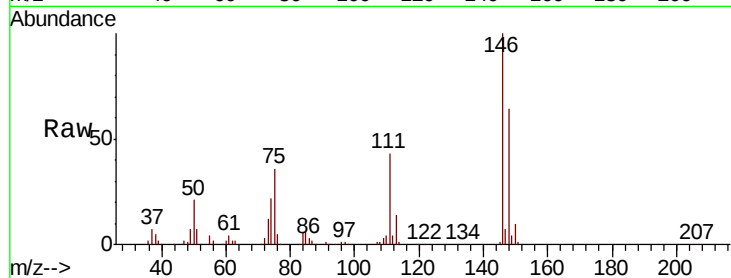




#91
 1,2-Dichlorobenzene
 Concen: 49.243 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

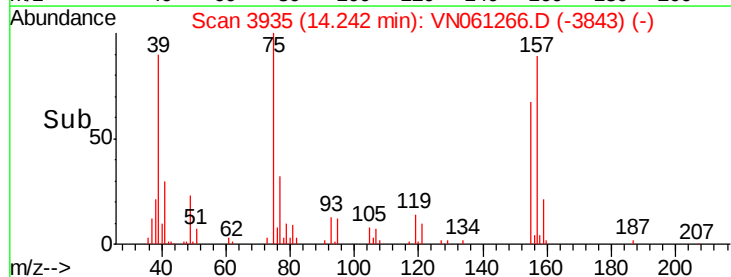
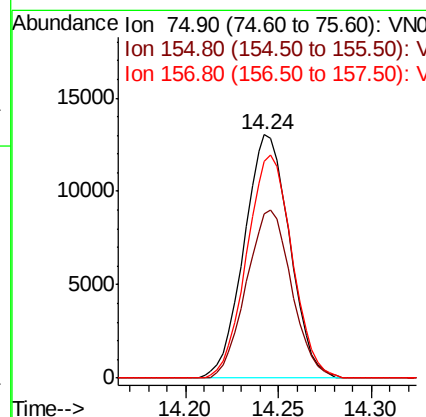
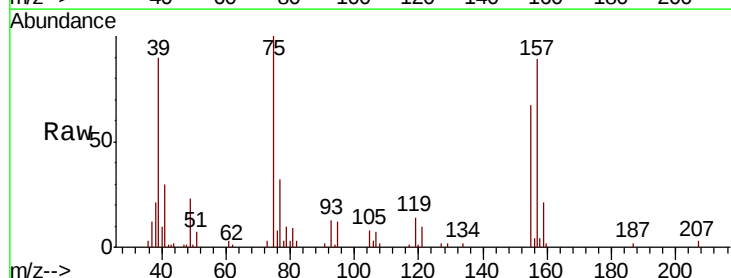
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.8	65.3
148	63.9	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.046 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.5	36.5	109.7
157	90.9	46.6	139.7

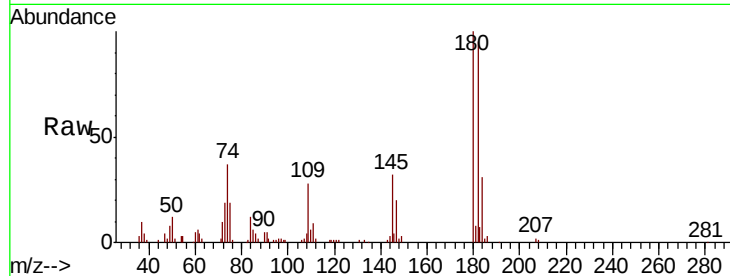




#93
 1,2,4-Trichlorobenzene
 Concen: 46.926 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	31.7	16.0	47.9

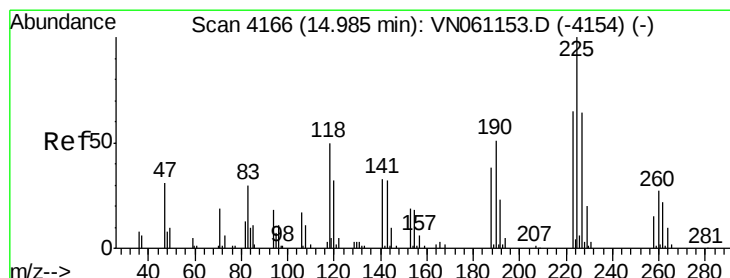
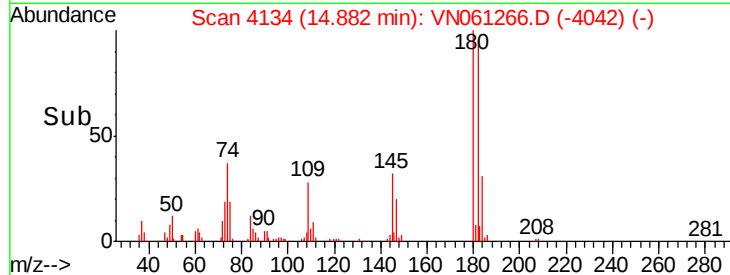
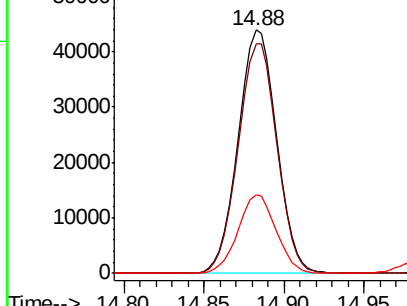


Abundance

Ion 179.80 (179.50 to 180.50): V

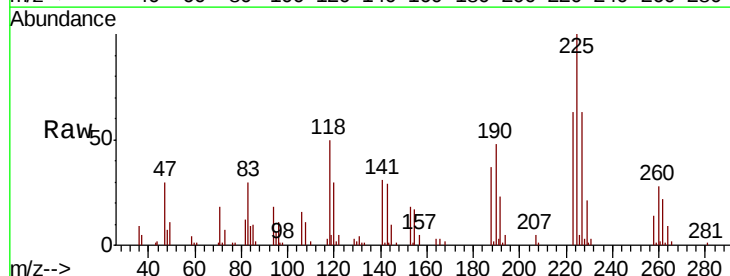
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.793 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061266.D
 Acq: 2 May 2020 10:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.4	97.0
227	64.1	32.4	97.0

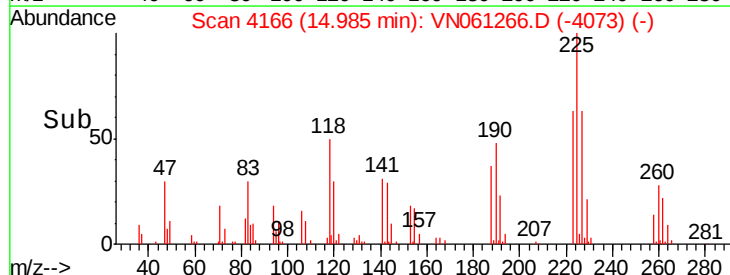
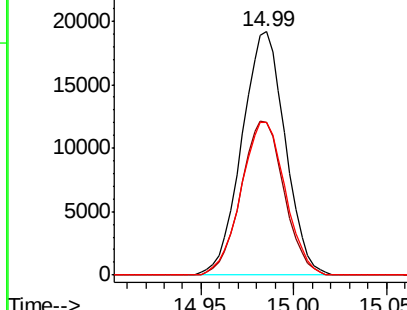


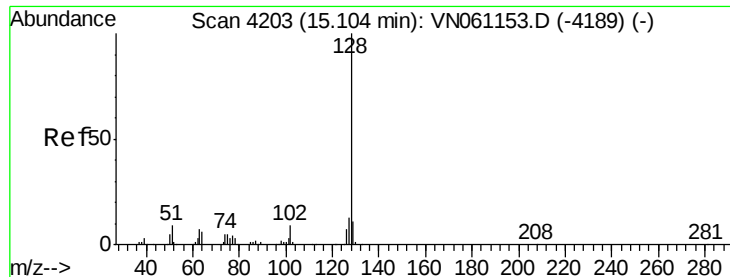
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.620 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

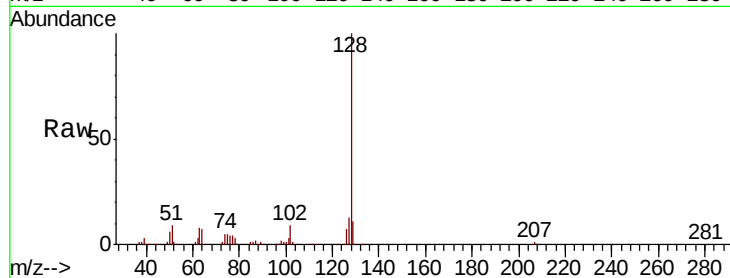
Tot Ion:128 Resp: 242193

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.7 8.7 13.1

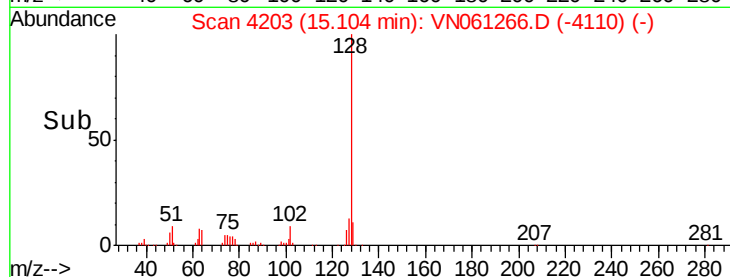


Abundance Ion 128.00 (127.70 to 128.70): V

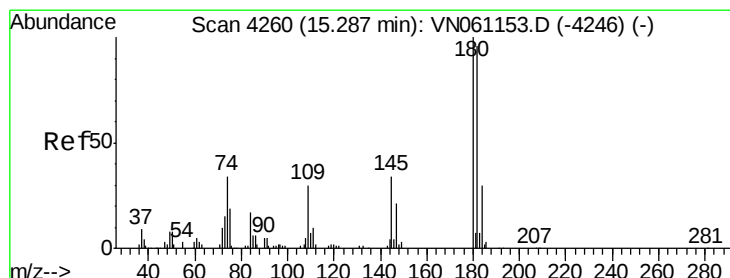
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.10



Time--> 15.00 15.10 15.20



#96

1,2,3-Trichlorobenzene

Concen: 46.762 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061266.D

Acq: 2 May 2020 10:27

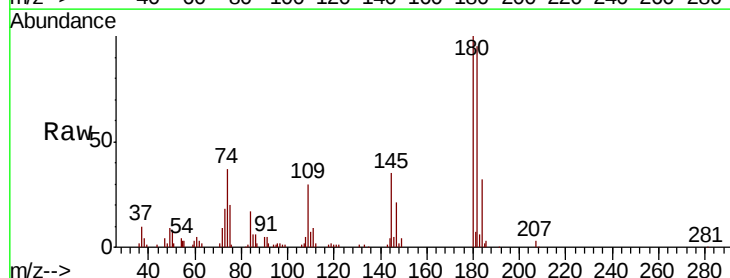
Tgt Ion:180 Resp: 70618

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.5

145 34.5 16.9 50.7

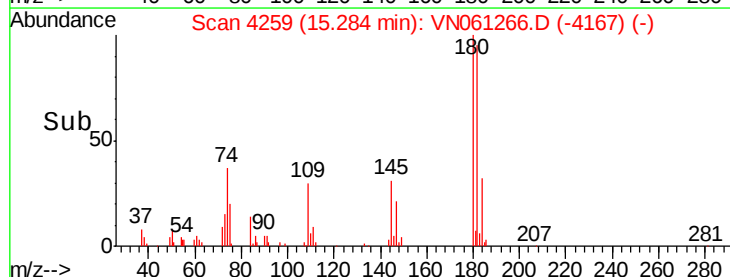


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.28



Time--> 15.20 15.25 15.30 15.35