

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061287.D
 Acq On : 5 May 2020 13:15
 Operator : JC/MD
 Sample : VN0505WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 03:43:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	117814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	202390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	187600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	99547	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
35) Dibromofluoromethane	7.54	113	58860	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	10.06	98	259629	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.37	95	96759	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	24013	19.221	ug/l	100
3) Chloromethane	2.03	50	32521	21.493	ug/l	100
4) Vinyl Chloride	2.16	62	36558	21.272	ug/l	99
5) Bromomethane	2.54	94	15863	18.673	ug/l	99
6) Chloroethane	2.67	64	22705	20.844	ug/l	98
7) Trichlorofluoromethane	2.98	101	46271	23.864	ug/l	99
8) Diethyl Ether	3.37	74	18046	22.314	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	26692	21.369	ug/l	98
10) Methyl Iodide	3.91	142	28289	17.622	ug/l	98
11) Tert butyl alcohol	4.72	59	19587	78.435	ug/l	96
12) 1,1-Dichloroethene	3.70	96	25165	20.245	ug/l	95
13) Acrolein	3.56	56	15585	93.651	ug/l	97
14) Allyl chloride	4.27	41	52155	22.629	ug/l	97
15) Acrylonitrile	4.93	53	76816	100.206	ug/l	99
16) Acetone	3.77	43	67150	89.594	ug/l	99
17) Carbon Disulfide	4.01	76	62914	18.323	ug/l	99
18) Methyl Acetate	4.27	43	40822	17.791	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	96691	20.357	ug/l	99
20) Methylene Chloride	4.50	84	28844	19.843	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	27212	20.104	ug/l	99
22) Diisopropyl ether	5.90	45	112913	21.126	ug/l	99
23) Vinyl Acetate	5.84	43	438747	101.953	ug/l	100
24) 1,1-Dichloroethane	5.79	63	56634	20.281	ug/l	99
25) 2-Butanone	6.78	43	102573	92.987	ug/l	98
26) 2,2-Dichloropropane	6.77	77	51392	21.850	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	31856	20.055	ug/l	97
28) Bromochloromethane	7.15	49	26998	20.398	ug/l	97
29) Tetrahydrofuran	7.16	42	69380	93.370	ug/l	99
30) Chloroform	7.32	83	57002	20.143	ug/l	97
31) Cyclohexane	7.61	56	49910	18.404	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	49542	20.104	ug/l	99
36) 1,1-Dichloropropene	7.75	75	41762	20.613	ug/l	99
37) Ethyl Acetate	6.88	43	46265	19.479	ug/l	99
38) Carbon Tetrachloride	7.73	117	36079	20.912	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061287.D
 Acq On : 5 May 2020 13:15
 Operator : JC/MD
 Sample : VN0505WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 03:43:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.04	83	43827	19.289	ug/l	100
40) Benzene	8.00	78	122132	20.234	ug/l	99
41) Methacrylonitrile	7.12	41	19153	19.422	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	48599	21.253	ug/l	99
43) Isopropyl Acetate	8.12	43	78287	19.860	ug/l	100
44) Trichloroethene	8.80	130	30513	18.700	ug/l	97
45) 1,2-Dichloropropane	9.08	63	34146	21.175	ug/l	100
46) Dibromomethane	9.17	93	20460	20.492	ug/l	98
47) Bromodichloromethane	9.37	83	44701	20.858	ug/l	100
48) Methyl methacrylate	9.16	41	34576	19.438	ug/l	96
49) 1,4-Dioxane	9.17	88	5394	267.145	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	230255	99.238	ug/l	99
52) Toluene	10.12	92	74764	20.564	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	49451	20.478	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	52845	20.700	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	29520	20.356	ug/l	99
56) Ethyl methacrylate	10.40	69	44690	19.447	ug/l	97
57) 1,3-Dichloropropane	10.68	76	53021	20.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	111045	94.601	ug/l	100
59) 2-Hexanone	10.72	43	162615	96.335	ug/l	99
60) Dibromochloromethane	10.87	129	31269	20.588	ug/l	97
61) 1,2-Dibromoethane	10.98	107	29432	20.249	ug/l	100
64) Tetrachloroethene	10.60	164	30008	18.469	ug/l	99
65) Chlorobenzene	11.40	112	75644	20.327	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	28027	21.043	ug/l	99
67) Ethyl Benzene	11.48	91	141983	20.381	ug/l	99
68) m/p-Xylenes	11.59	106	104626	41.032	ug/l	99
69) o-Xylene	11.92	106	48917	19.972	ug/l	98
70) Styrene	11.94	104	81797	19.953	ug/l	98
71) Bromoform	12.10	173	20005	20.437	ug/l #	100
73) Isopropylbenzene	12.22	105	134538	20.990	ug/l	100
74) N-amyl acetate	12.04	43	64796	19.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	41391	20.710	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	57662	31.369	ug/l #	100
77) Bromobenzene	12.50	156	31315	21.164	ug/l	99
78) n-propylbenzene	12.56	91	160787	21.149	ug/l	99
79) 2-Chlorotoluene	12.65	91	93954	21.026	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	112786	21.260	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	14481	20.006	ug/l	95
82) 4-Chlorotoluene	12.75	91	100631	21.367	ug/l	97
83) tert-Butylbenzene	12.97	119	92776	20.740	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	113525	20.771	ug/l	100
85) sec-Butylbenzene	13.15	105	125995	20.660	ug/l	99
86) p-Isopropyltoluene	13.26	119	113486	20.653	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	56584	20.773	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	57022	20.489	ug/l	98
89) n-Butylbenzene	13.59	91	104461	20.737	ug/l	99
90) Hexachloroethane	13.85	117	13385	27.418	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	54649	20.924	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8409	19.922	ug/l	97

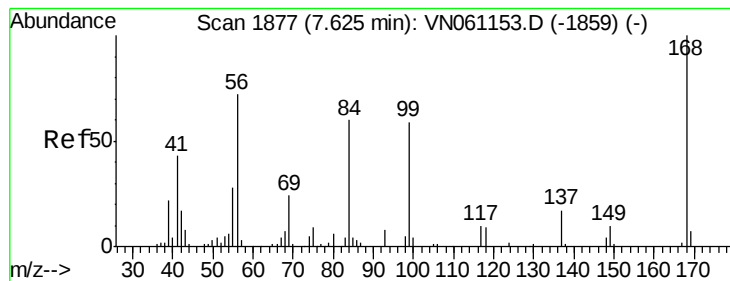
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
Data File : VN061287.D
Acq On : 5 May 2020 13:15
Operator : JC/MD
Sample : VN0505WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 06 03:43:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	30574	19.224	ug/l	98
94) Hexachlorobutadiene	14.99	225	14370	21.628	ug/l	99
95) Naphthalene	15.10	128	94048	18.158	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	30324	19.312	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: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

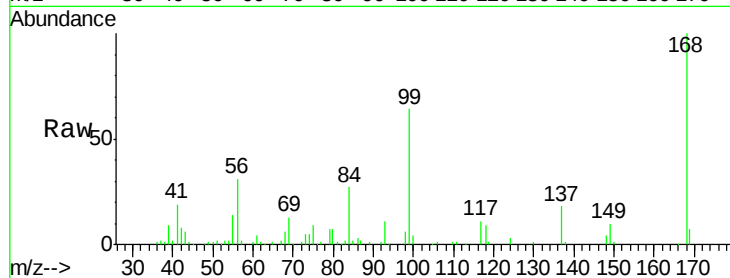
ClientSampled :

Tot Ion:168 Resp: 117814

Ion Ratio Lower Upper

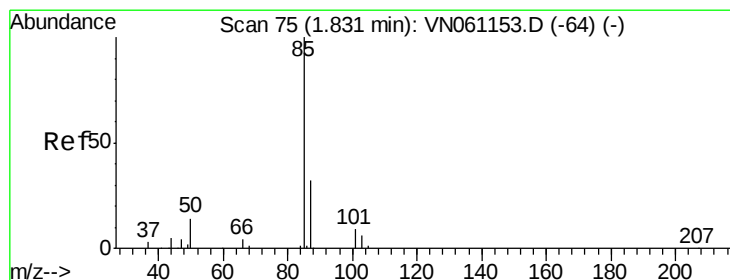
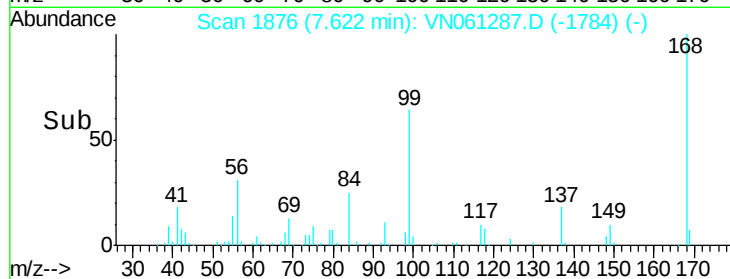
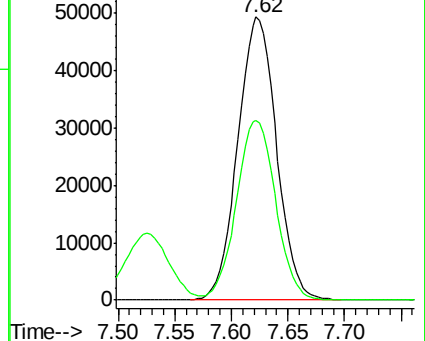
168 100

99 63.7 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.221 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061287.D

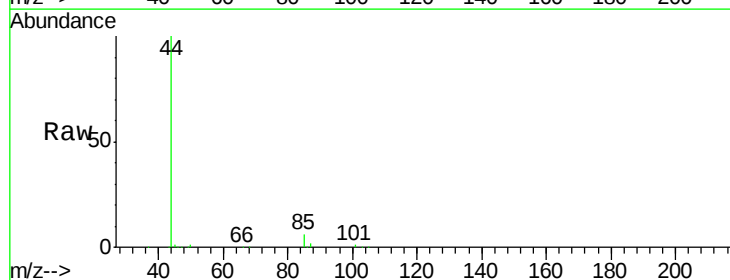
Acq: 5 May 2020 13:15

Tgt Ion: 85 Resp: 24013

Ion Ratio Lower Upper

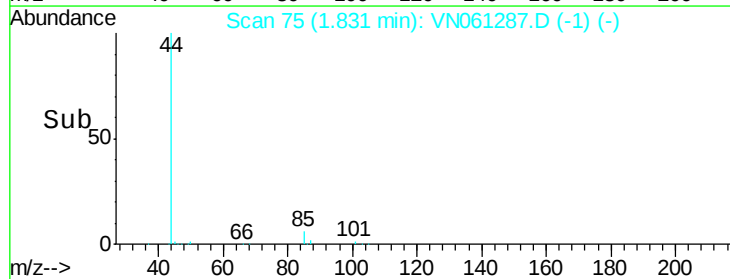
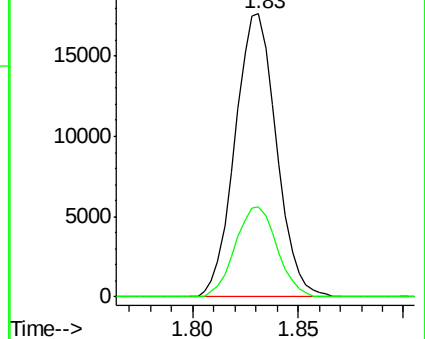
85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 21.493 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

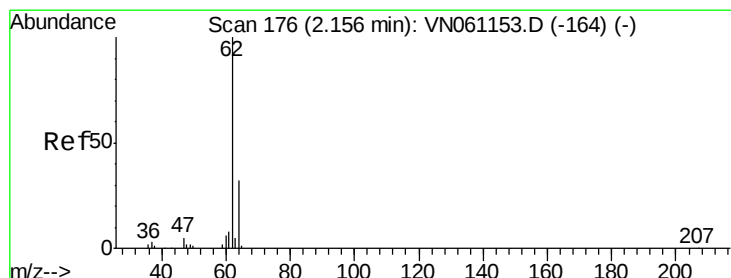
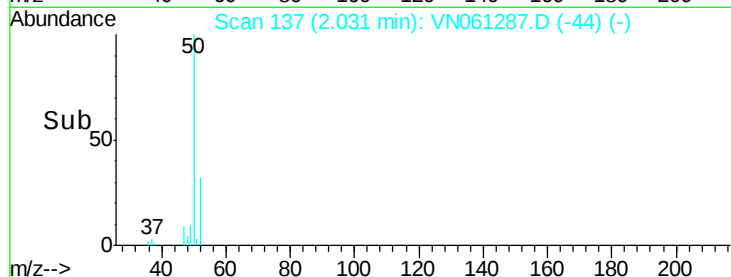
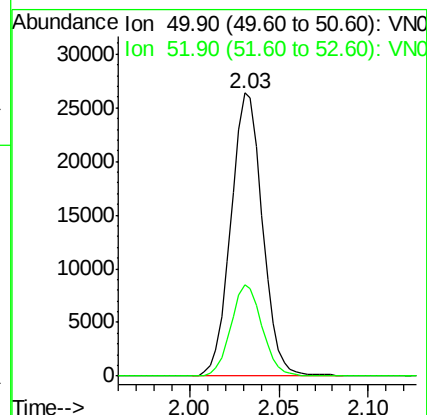
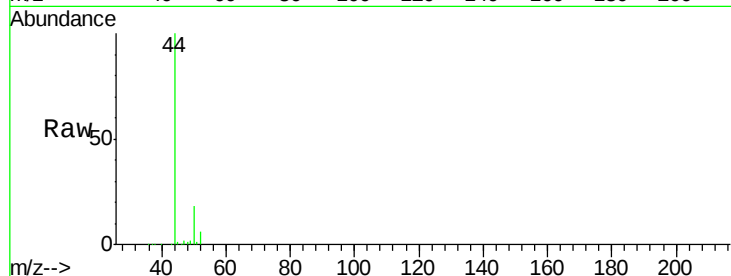
ClientSampled :

Tot Ion: 50 Resp: 32521

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 21.272 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061287.D

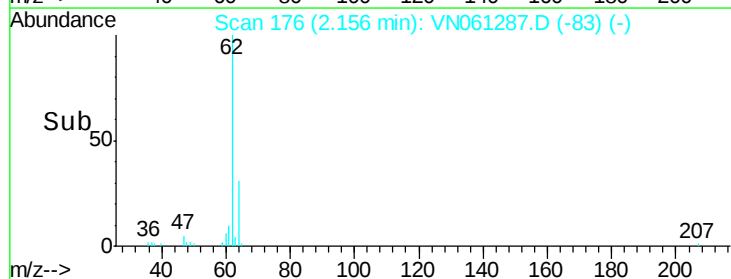
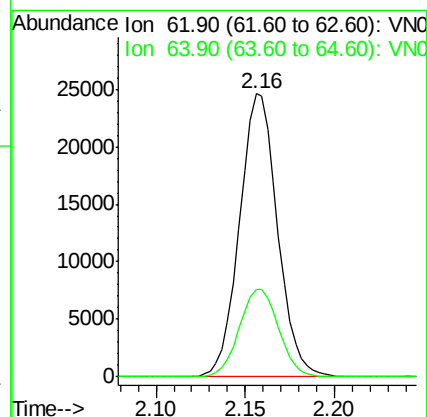
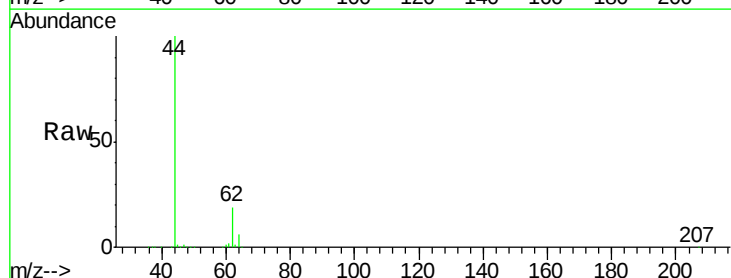
Acq: 5 May 2020 13:15

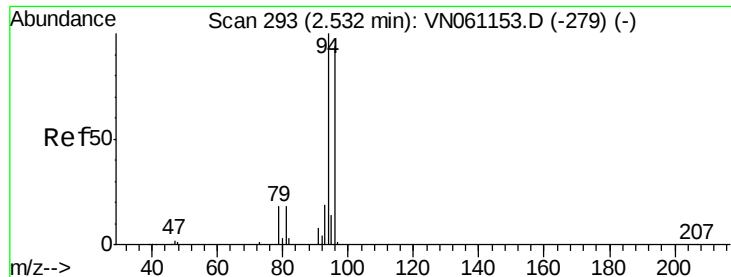
Tgt Ion: 62 Resp: 36558

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 18.673 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

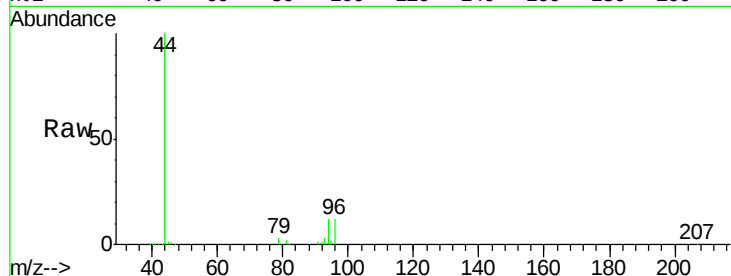
ClientSampleId :

Tot Ion: 94 Resp: 15863

Ion Ratio Lower Upper

94 100

96 94.4 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN061287.D (-200) (-)

Ion 95.90 (95.60 to 96.60): VN061287.D (-200) (-)

2.54

8000

6000

4000

2000

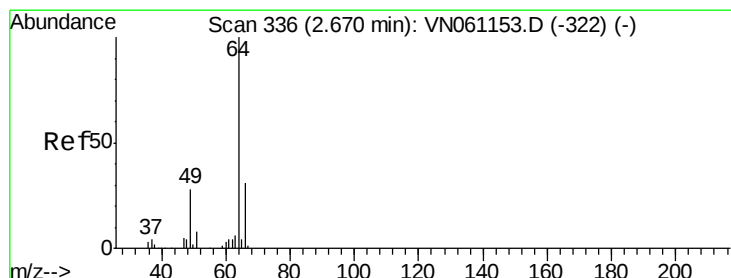
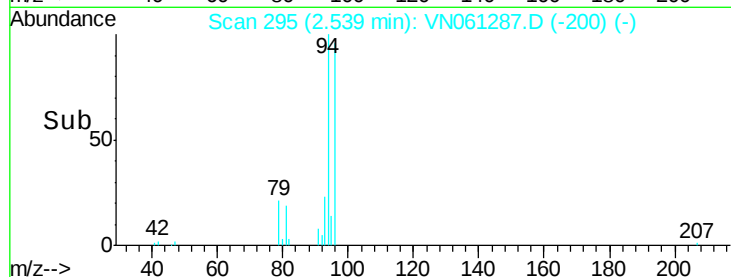
0

Time-->

2.50

2.55

2.60



#6

Chloroethane

Concen: 20.844 ug/l

RT: 2.67 min Scan# 337

Delta R.T. 0.00 min

Lab File: VN061287.D

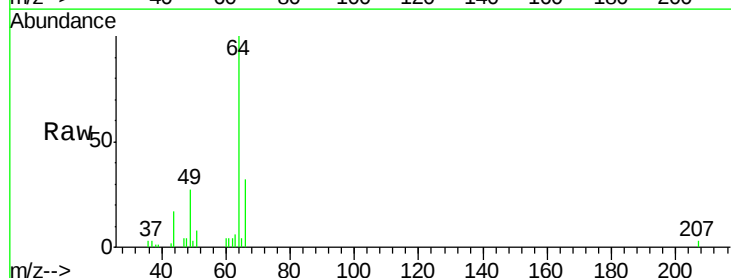
Acq: 5 May 2020 13:15

Tgt Ion: 64 Resp: 22705

Ion Ratio Lower Upper

64 100

66 32.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN061287.D (-243) (-)

Ion 65.90 (65.60 to 66.60): VN061287.D (-243) (-)

2.67

10000

5000

0

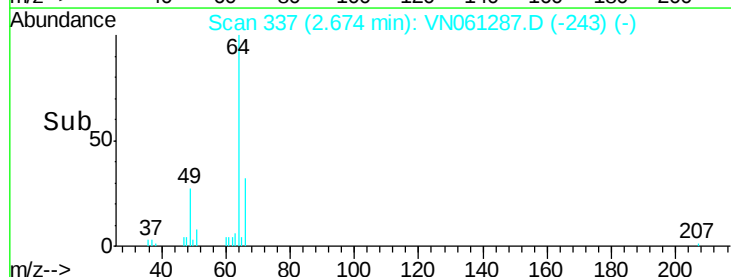
Time-->

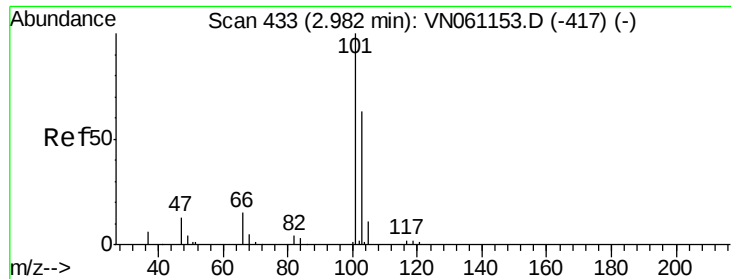
2.60

2.65

2.70

2.75



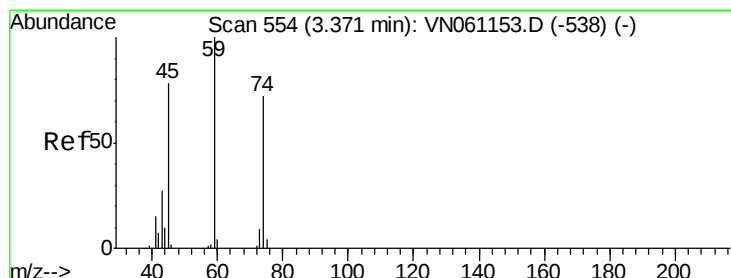
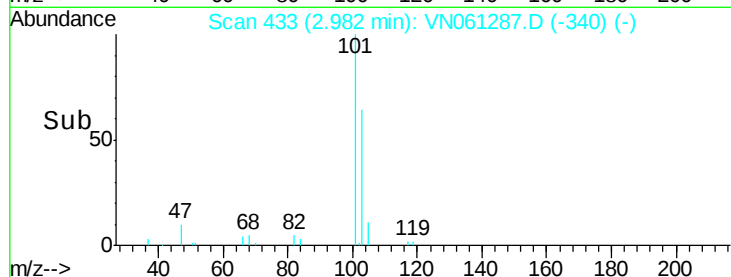
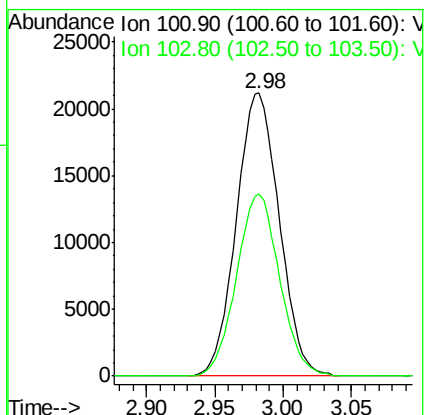
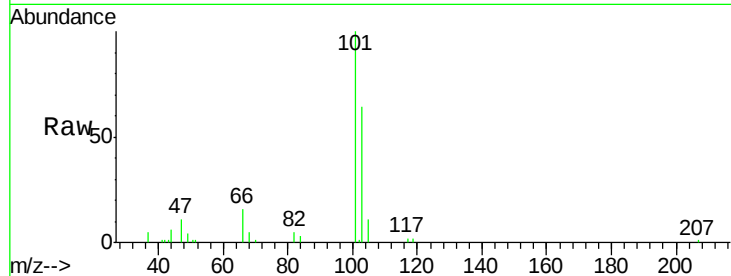


#7

Trichlorofluoromethane
Concen: 23.864 ug/l
RT: 2.98 min Scan# 433
Delta R.T. 0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :

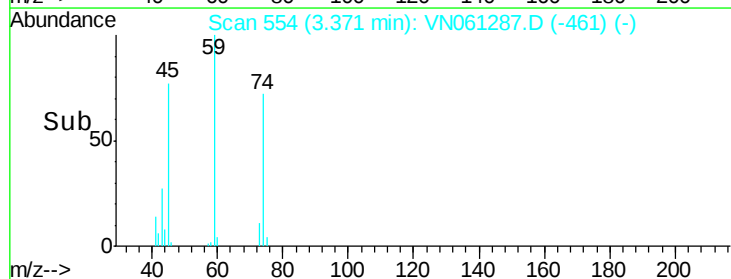
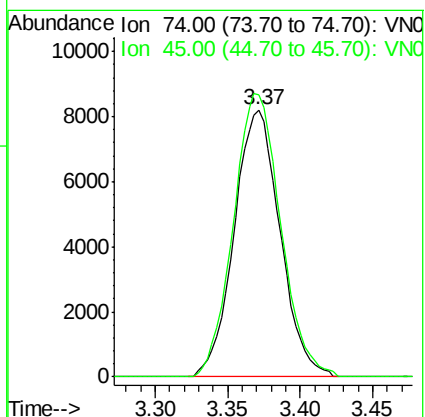
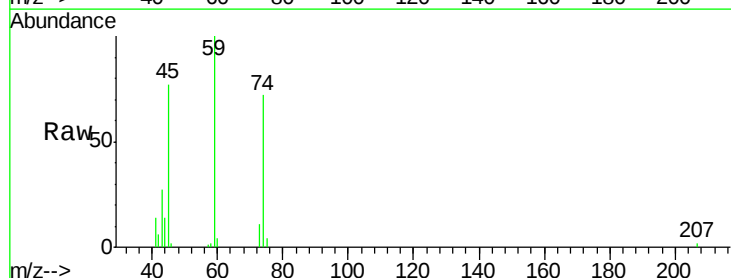
Tot Ion:101 Resp: 46271
Ion Ratio Lower Upper
101 100
103 64.4 50.6 76.0

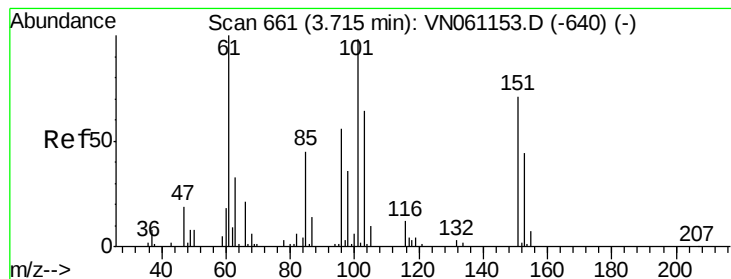


#8

Diethyl Ether
Concen: 22.314 ug/l
RT: 3.37 min Scan# 554
Delta R.T. 0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Tgt Ion: 74 Resp: 18046
Ion Ratio Lower Upper
74 100
45 109.4 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.369 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

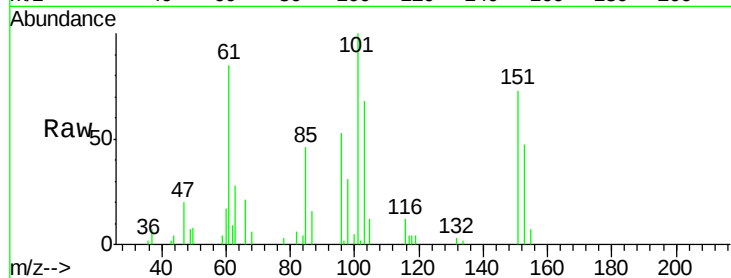
Tot Ion:101 Resp: 26692

Ion Ratio Lower Upper

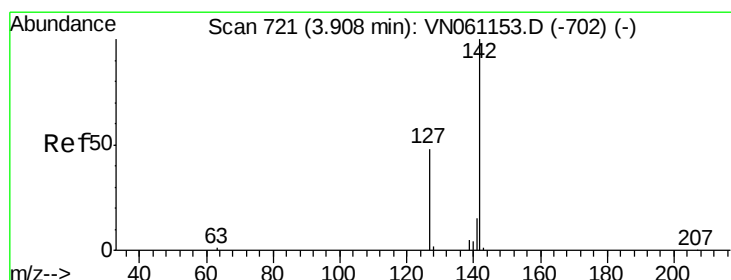
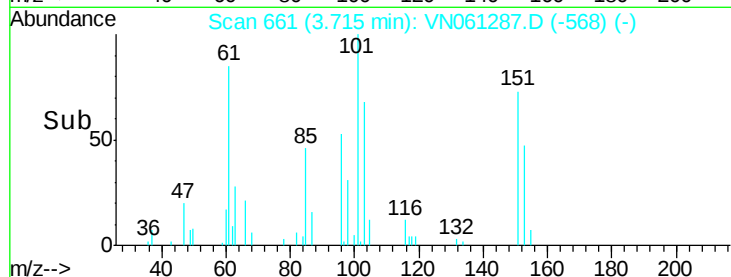
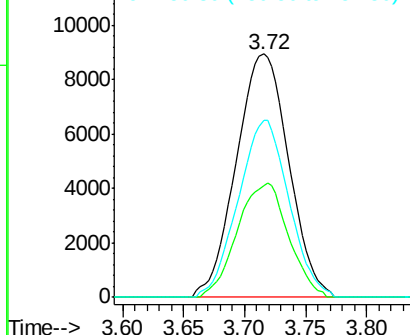
101 100

85 45.7 37.2 55.8

151 70.2 57.7 86.5



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



#10

Methyl Iodide

Concen: 17.622 ug/l

RT: 3.91 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

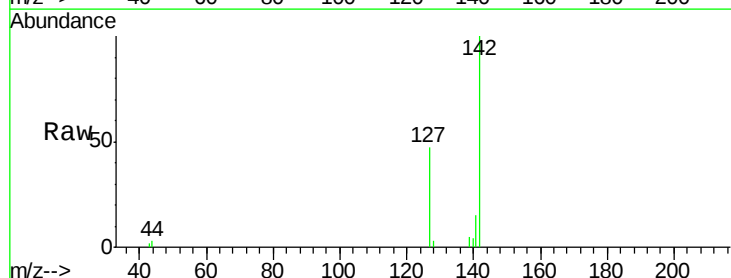
Tgt Ion:142 Resp: 28289

Ion Ratio Lower Upper

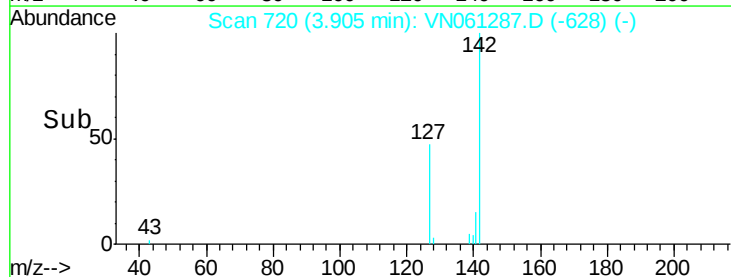
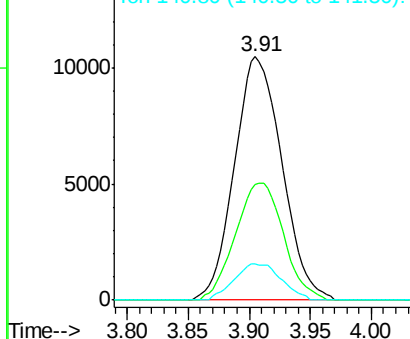
142 100

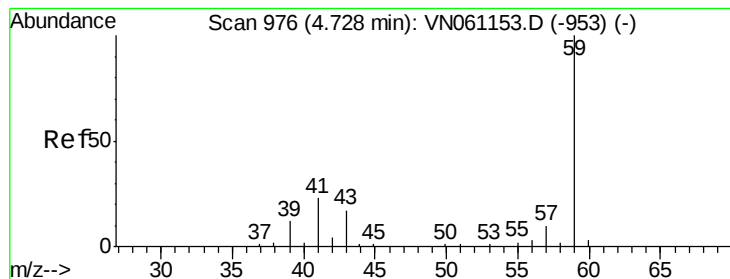
127 48.7 38.0 57.0

141 14.9 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



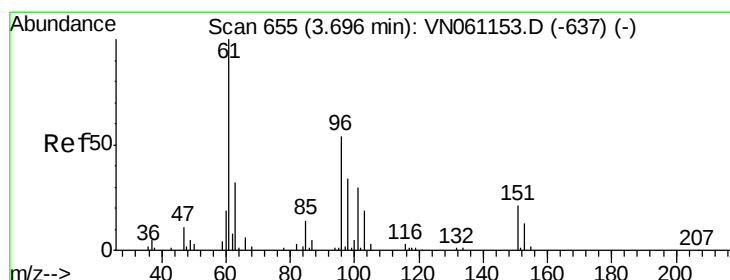
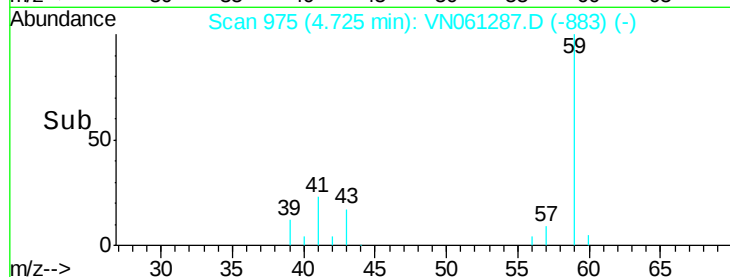
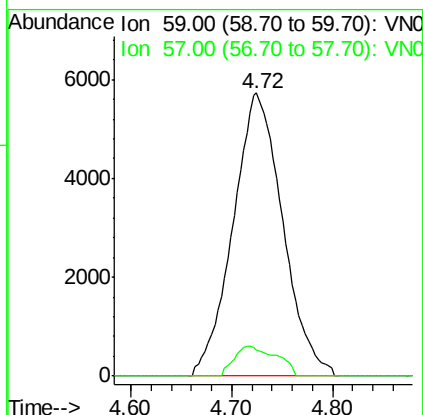
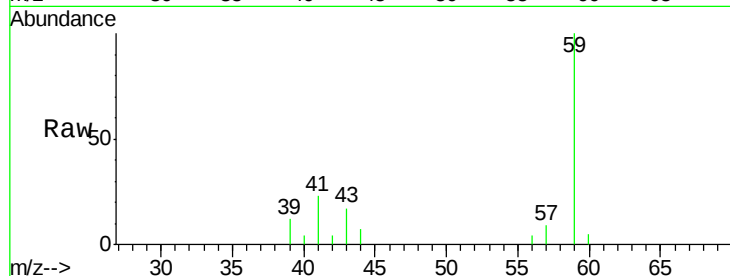


#11

Tert butyl alcohol
 Concen: 78.435 ug/l
 RT: 4.72 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Instrument :
 MSVOA_N
 ClientSampled :

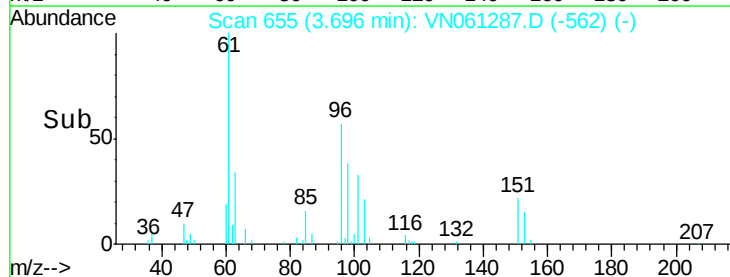
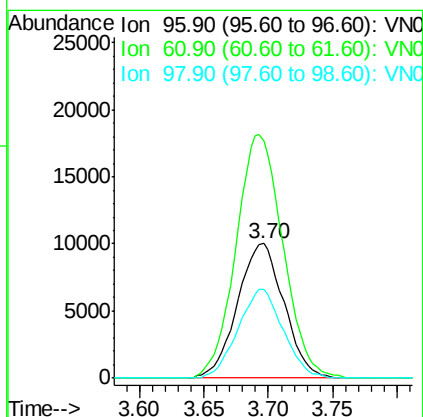
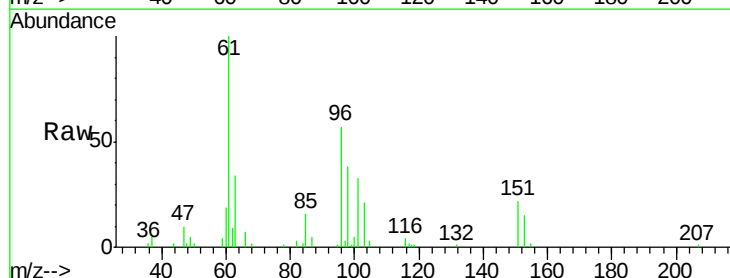
Tot Ion: 59 Resp: 19587
 Ion Ratio Lower Upper
 59 100
 57 9.0 8.3 12.5

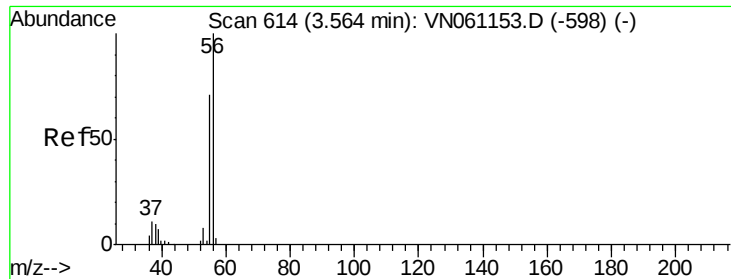


#12

1,1-Dichloroethene
 Concen: 20.245 ug/l
 RT: 3.70 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Tgt Ion: 96 Resp: 25165
 Ion Ratio Lower Upper
 96 100
 61 176.2 147.0 220.6
 98 66.2 49.8 74.6





#13

Acrolein

Concen: 93.651 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

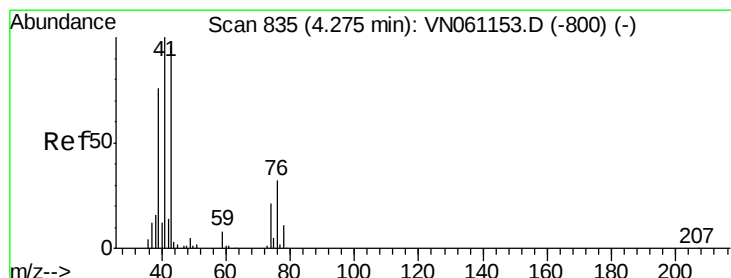
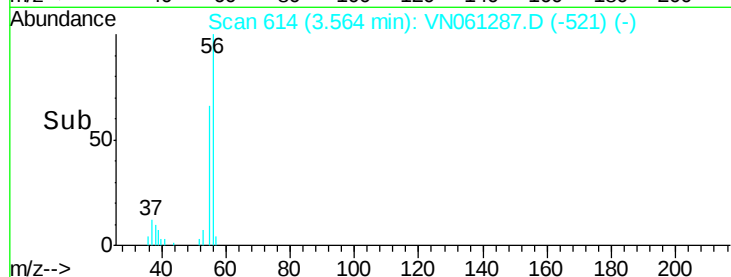
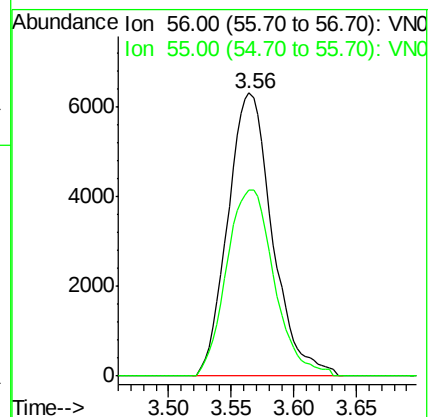
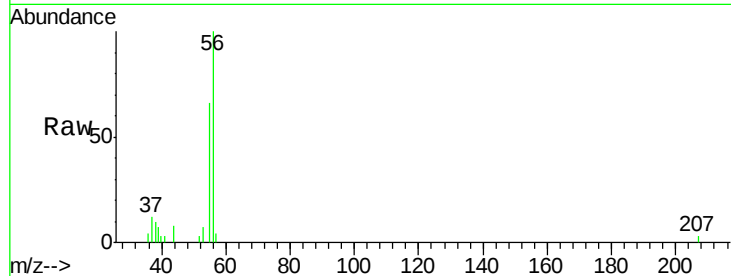
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 15585

Ion Ratio Lower Upper

56 100

55 70.3 58.5 87.7



#14

Allyl chloride

Concen: 22.629 ug/l

RT: 4.27 min Scan# 833

Delta R.T. -0.01 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

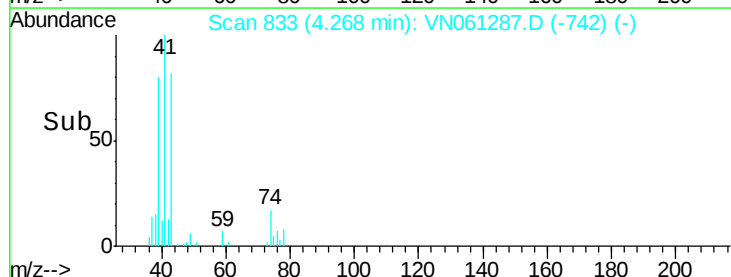
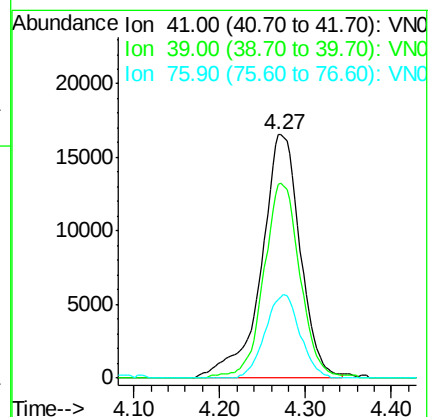
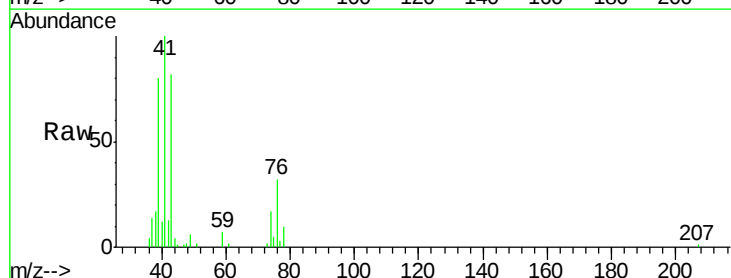
Tgt Ion: 41 Resp: 52155

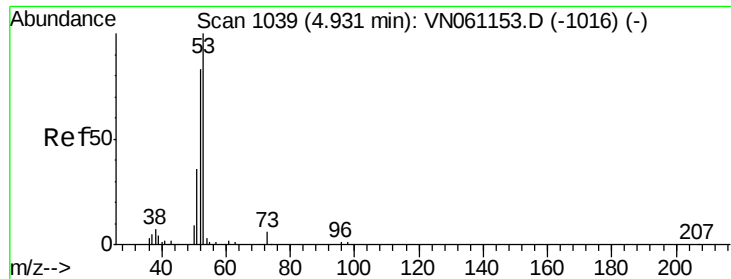
Ion Ratio Lower Upper

41 100

39 74.7 57.1 85.7

76 30.7 24.3 36.5





#15

Acrylonitrile

Concen: 100.206 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampled :

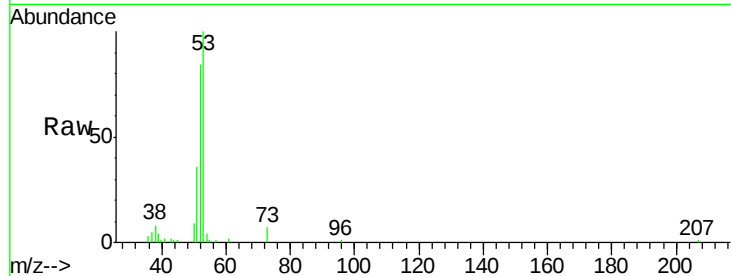
Tot Ion: 53 Resp: 76816

Ion Ratio Lower Upper

53 100

52 82.6 65.4 98.0

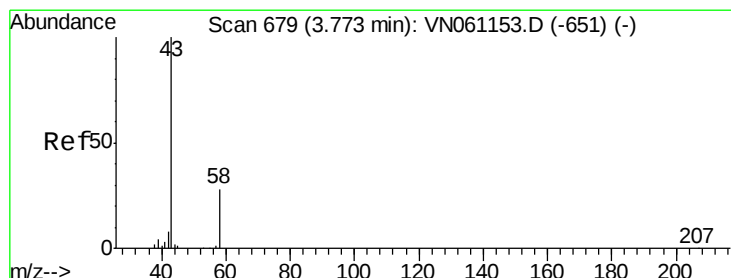
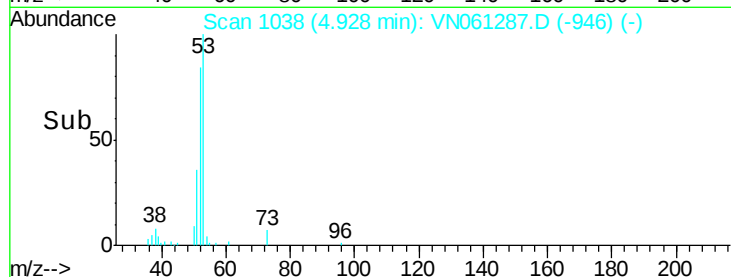
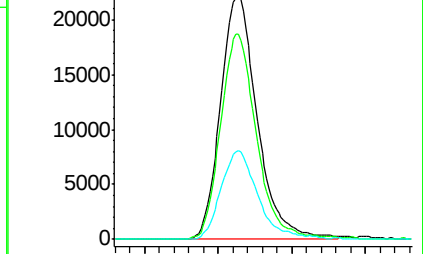
51 36.6 29.5 44.3



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

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

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



#16

Acetone

Concen: 89.594 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061287.D

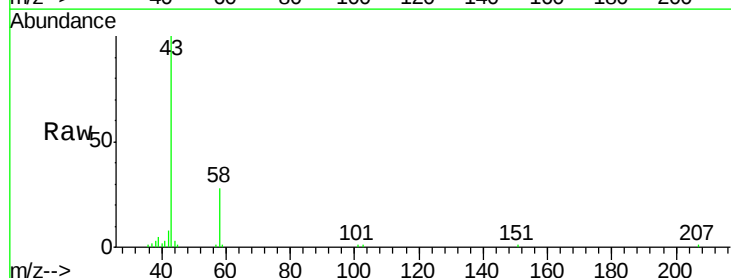
Acq: 5 May 2020 13:15

Tgt Ion: 43 Resp: 67150

Ion Ratio Lower Upper

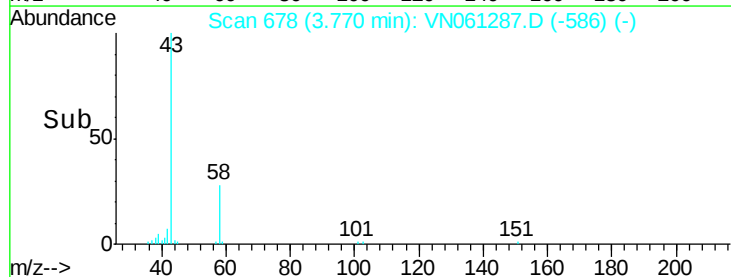
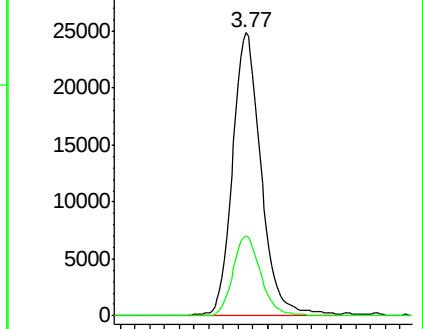
43 100

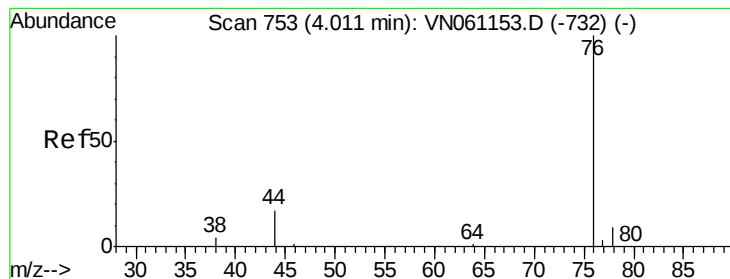
58 28.4 22.2 33.2



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

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





#17

Carbon Disulfide

Concen: 18.323 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

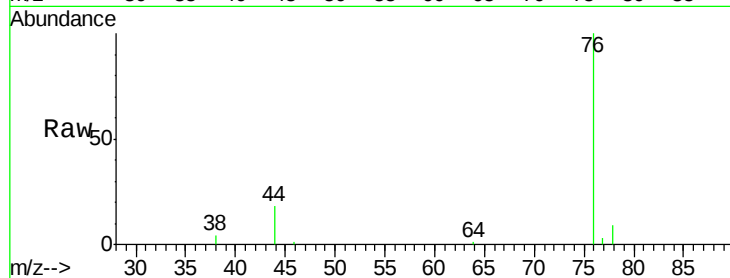
ClientSampled :

Tot Ion: 76 Resp: 62914

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



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

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

4.01

25000

20000

15000

10000

5000

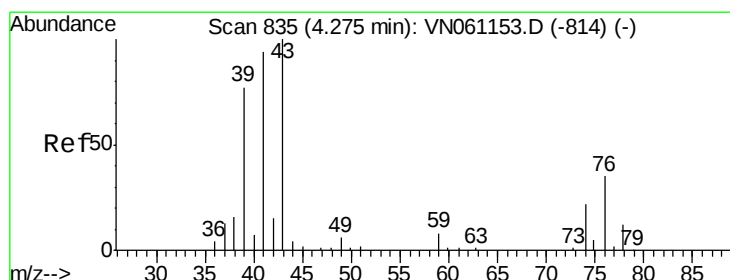
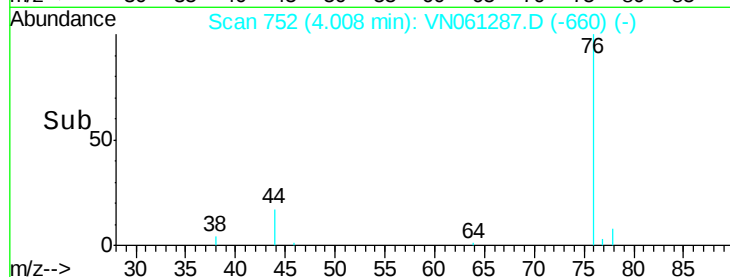
0

Time-->

3.90

4.00

4.10



#18

Methyl Acetate

Concen: 17.791 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061287.D

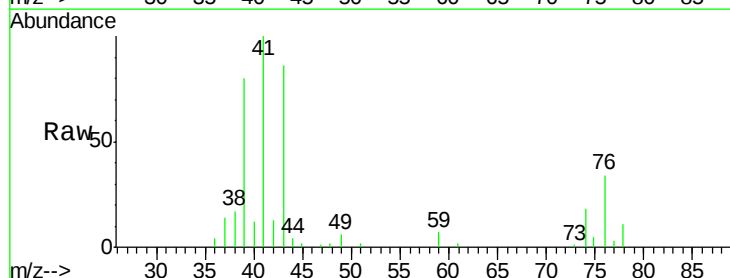
Acq: 5 May 2020 13:15

Tgt Ion: 43 Resp: 40822

Ion Ratio Lower Upper

43 100

74 20.7 17.0 25.4



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

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

4.27

15000

10000

5000

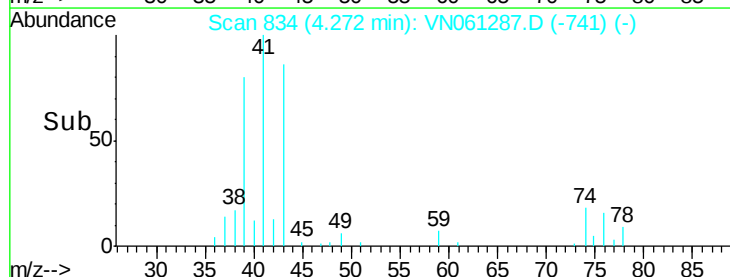
0

Time-->

4.20

4.30

4.40

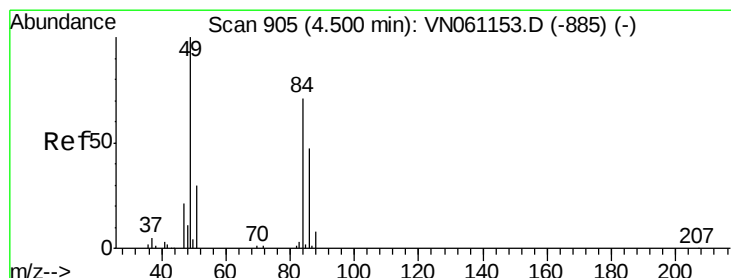
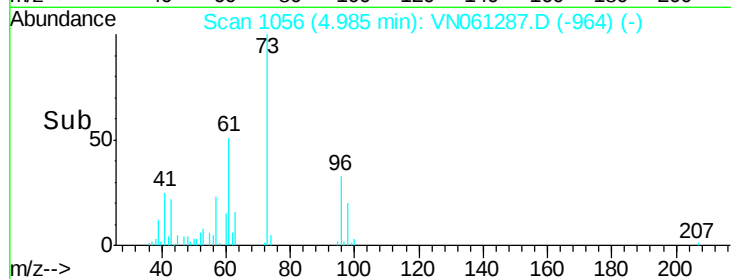
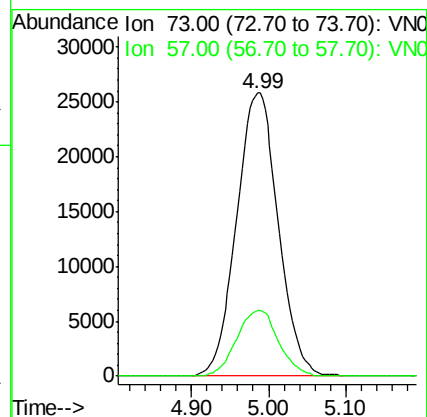
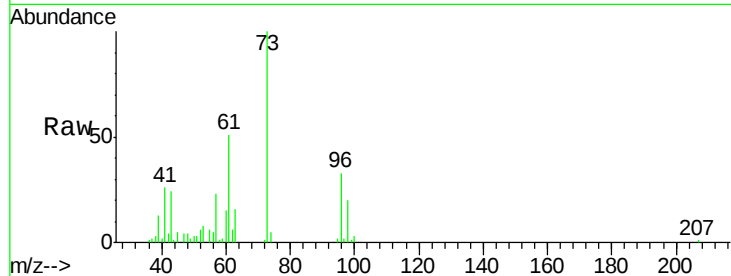




#19
Methyl tert-butyl Ether
Concen: 20.357 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

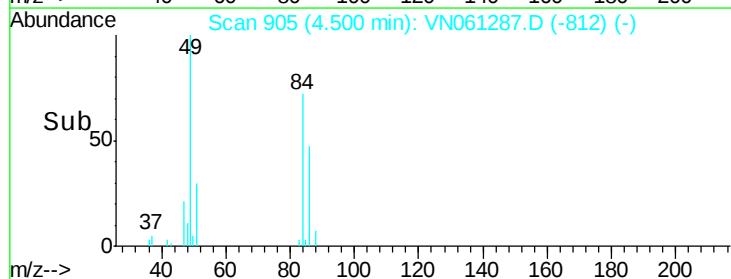
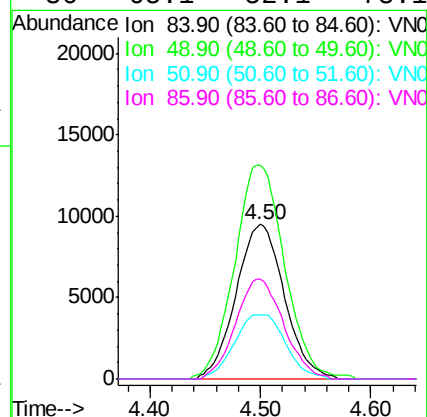
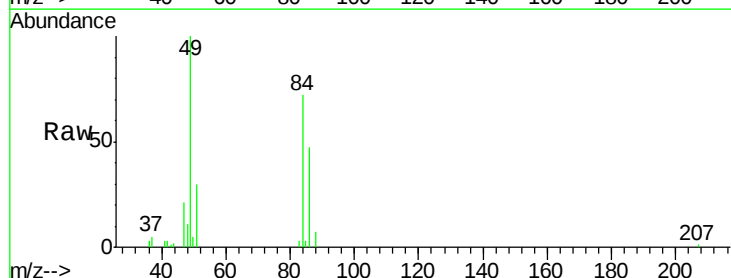
Instrument :
MSVOA_N
ClientSampled :

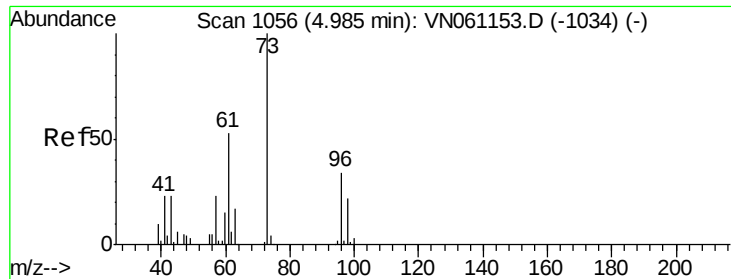
Tot Ion: 73 Resp: 96691
Ion Ratio Lower Upper
73 100
57 23.2 18.3 27.5



#20
Methylene Chloride
Concen: 19.843 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Tgt Ion: 84 Resp: 28844
Ion Ratio Lower Upper
84 100
49 136.7 112.0 168.0
51 41.4 33.6 50.4
86 65.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.104 ug/l

RT: 4.99 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

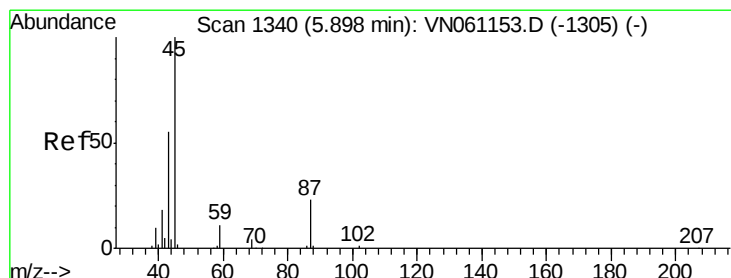
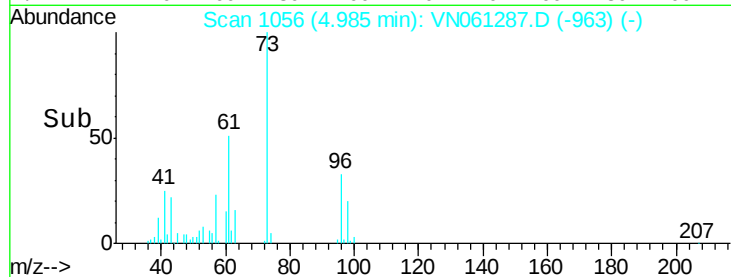
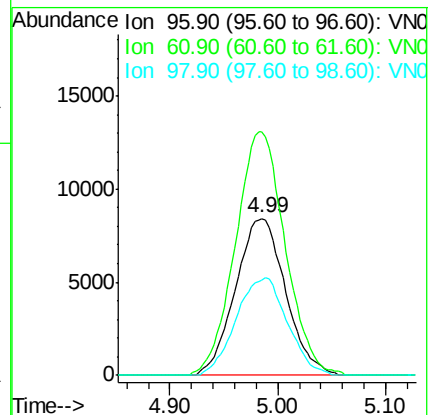
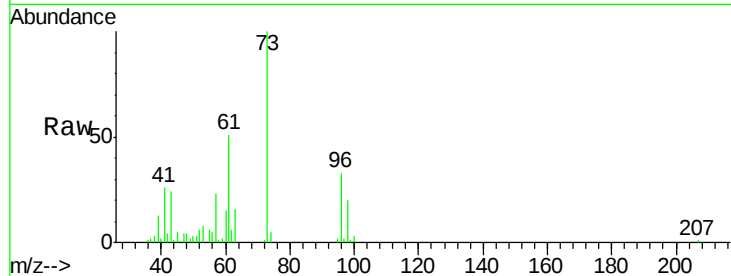
Tot Ion: 96 Resp: 27212

Ion Ratio Lower Upper

96 100

61 153.1 123.0 184.4

98 60.9 50.1 75.1



#22

Diisopropyl ether

Concen: 21.126 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Tgt Ion: 45 Resp: 112913

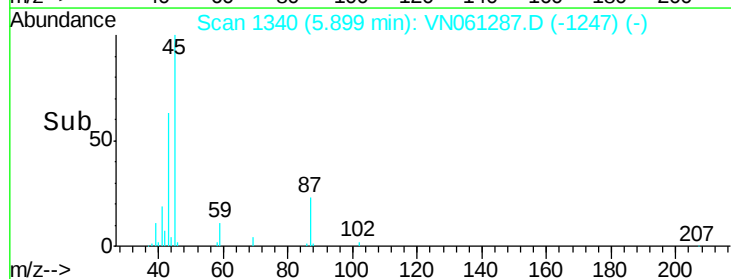
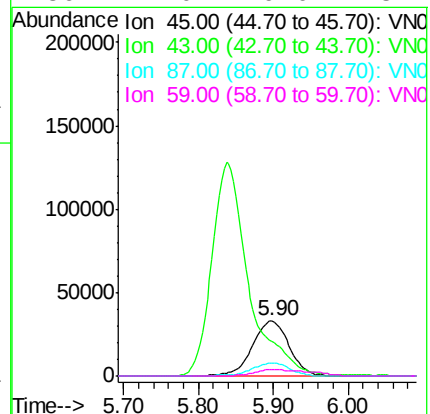
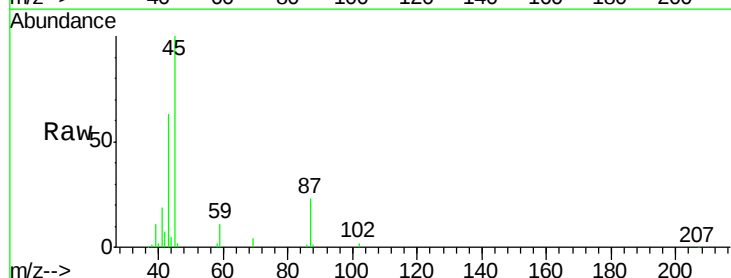
Ion Ratio Lower Upper

45 100

43 60.5 47.9 71.9

87 23.4 19.2 28.8

59 11.0 9.0 13.4





#23

Vinyl Acetate

Concen: 101.953 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

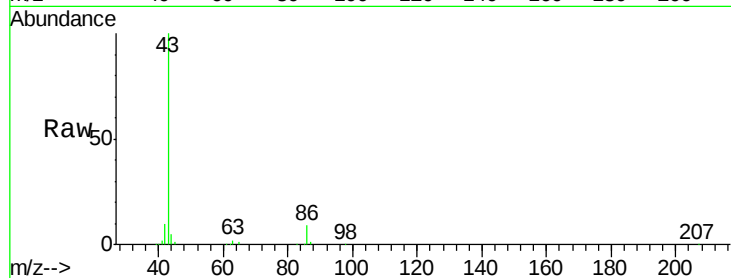
ClientSampled :

Tot Ion: 43 Resp: 438747

Ion Ratio Lower Upper

43 100

86 9.0 7.2 10.8



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

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

5.84

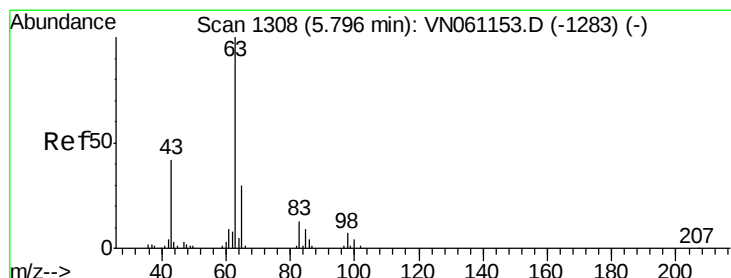
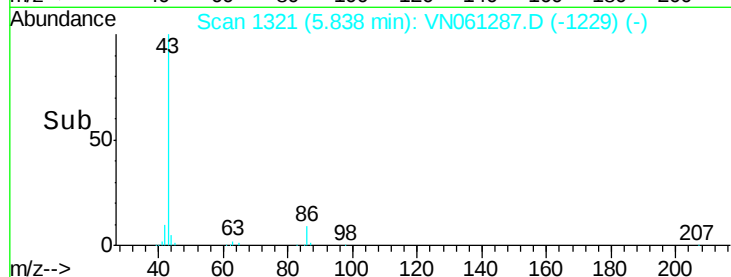
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.281 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

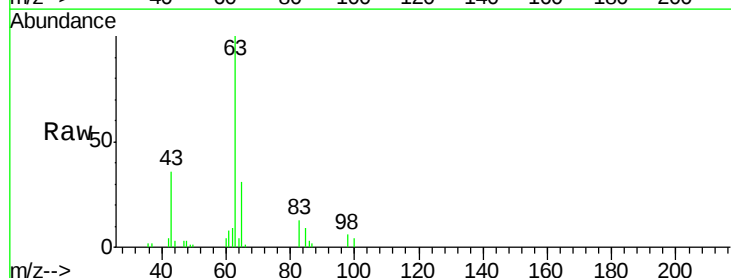
Tgt Ion: 63 Resp: 56634

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.1 1.9 5.7



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

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

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

5.79

20000

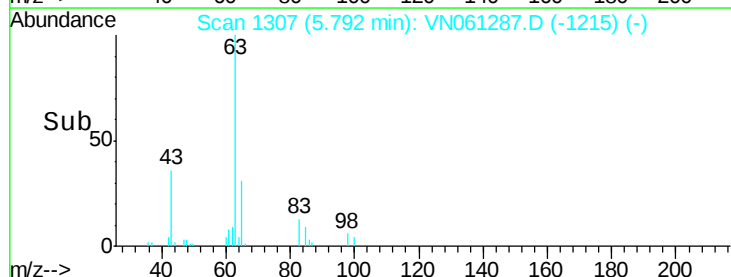
15000

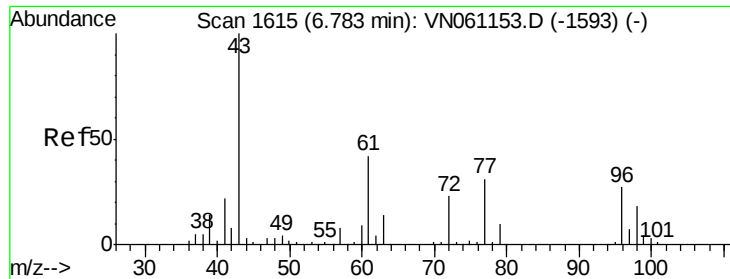
10000

5000

0

Time-->





#25

2-Butanone

Concen: 92.987 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

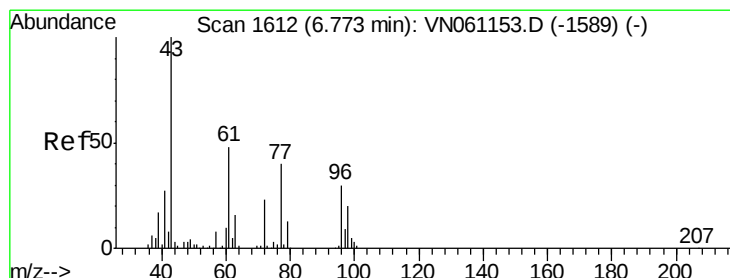
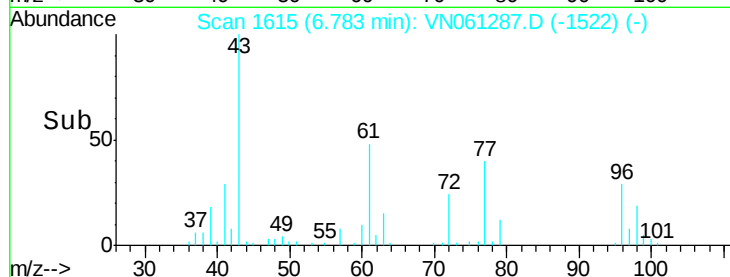
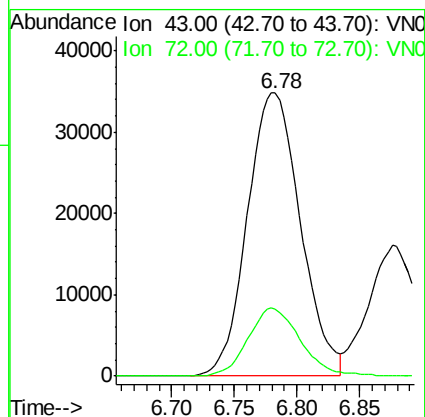
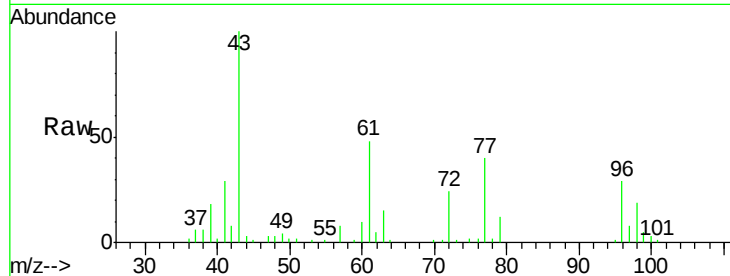
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 102573

Ion Ratio Lower Upper

43 100

72 23.8 18.2 27.4



#26

2,2-Dichloropropane

Concen: 21.850 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061287.D

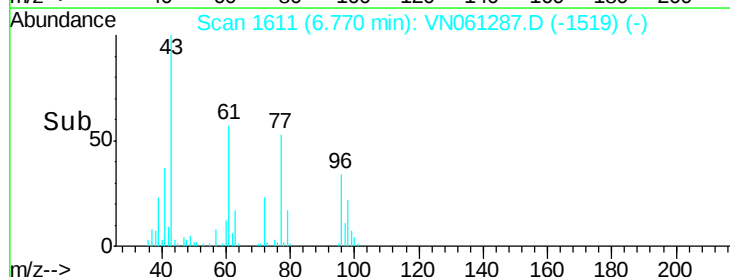
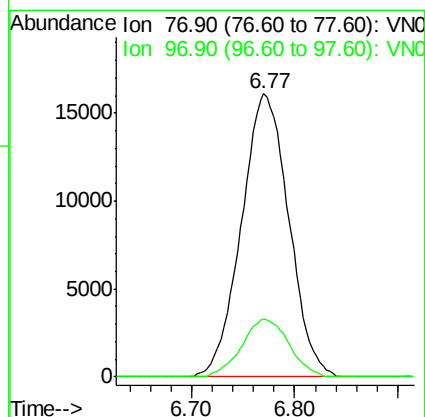
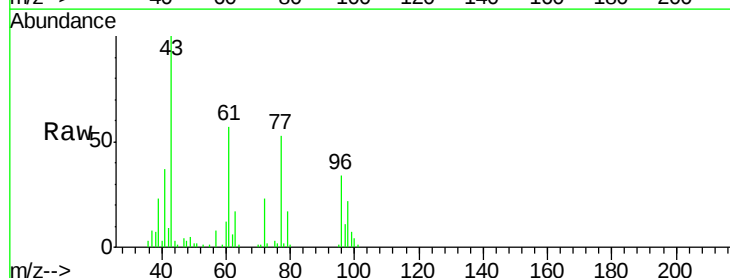
Acq: 5 May 2020 13:15

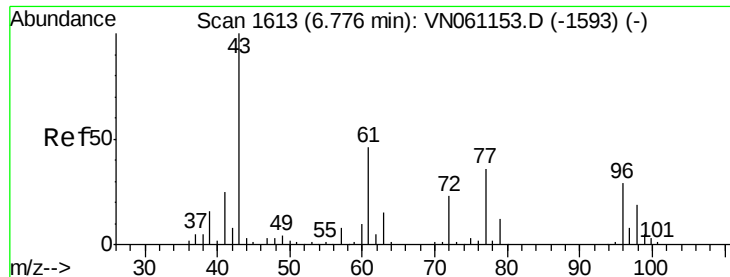
Tgt Ion: 77 Resp: 51392

Ion Ratio Lower Upper

77 100

97 20.3 10.5 31.5



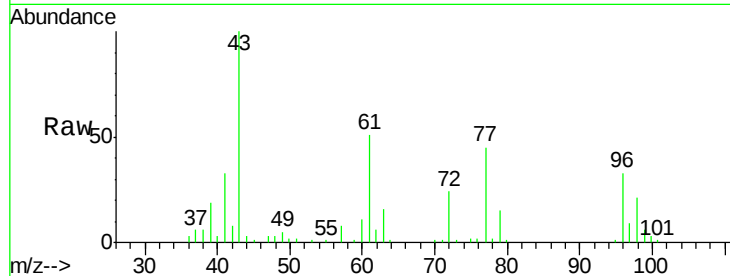


#27

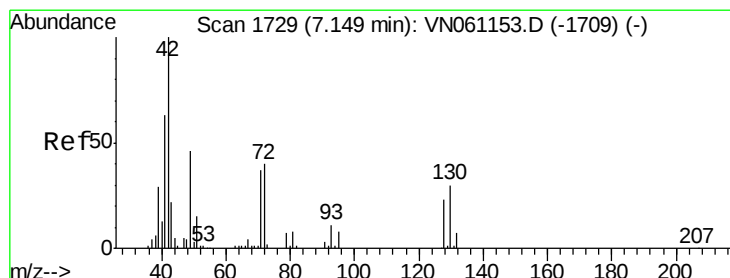
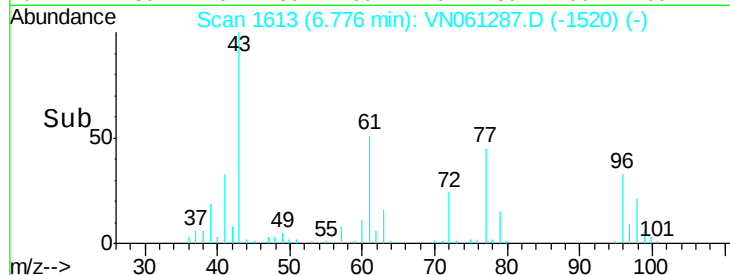
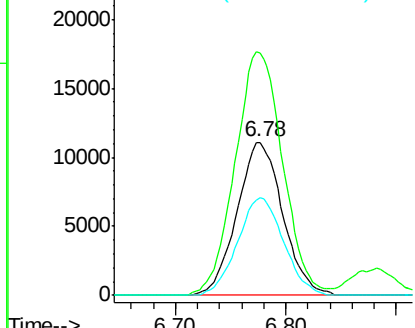
cis-1,2-Dichloroethene
 Concen: 20.055 ug/l
 RT: 6.78 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	96	Resp:	31856
Ion	Ratio	Lower	Upper
96	100		
61	165.6	0.0	322.0
98	64.3	0.0	129.6



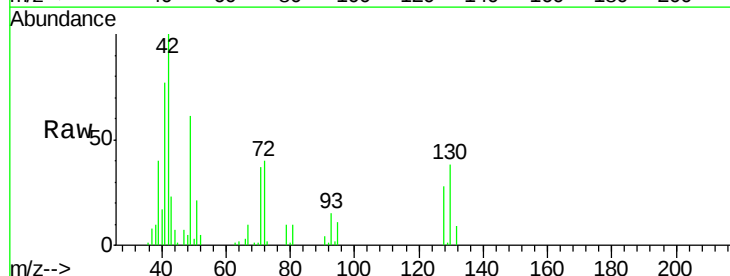
Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0



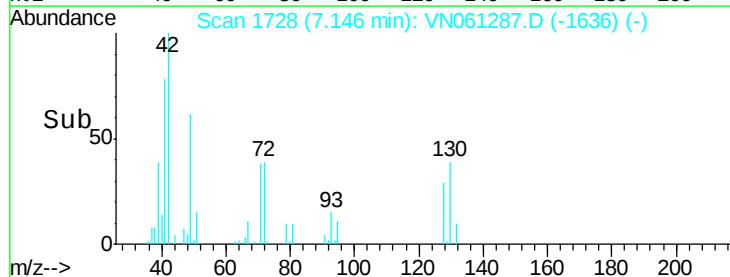
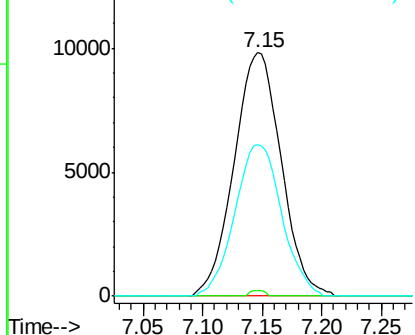
#28

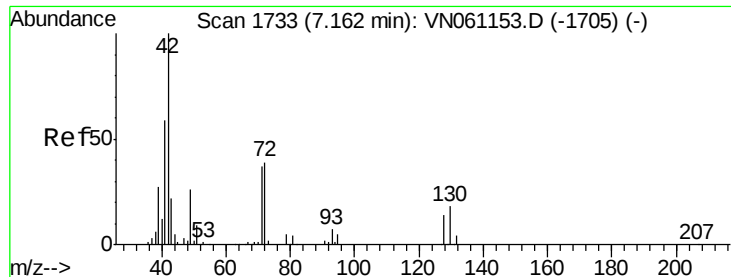
Bromochloromethane
 Concen: 20.398 ug/l
 RT: 7.15 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Tgt Ion	49	Resp:	26998
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.0
130	61.7	51.4	77.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

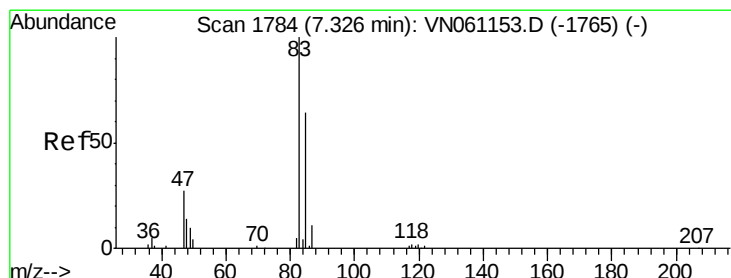
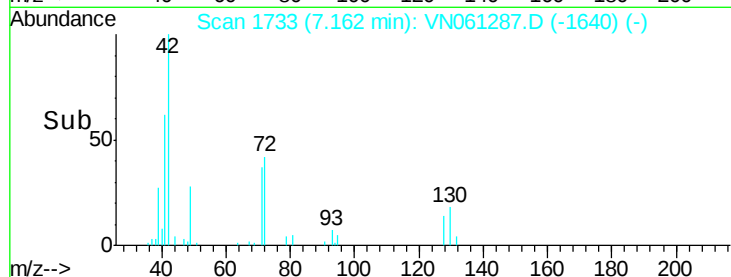
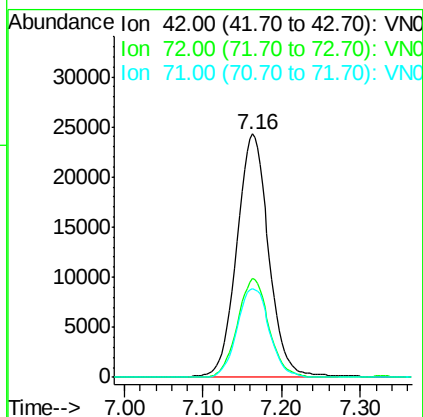
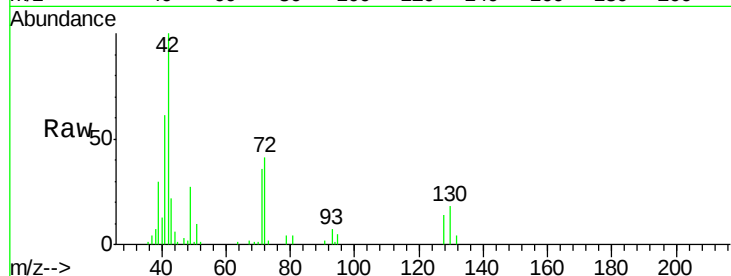




#29
Tetrahydrofuran
Concen: 93.370 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

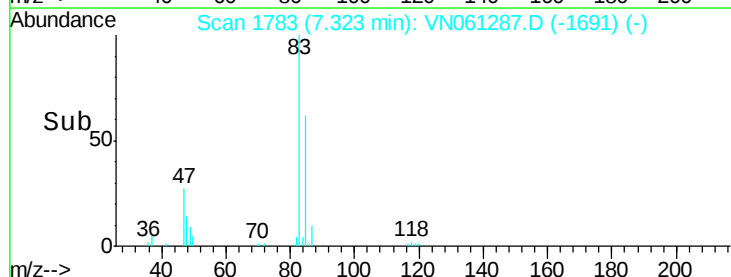
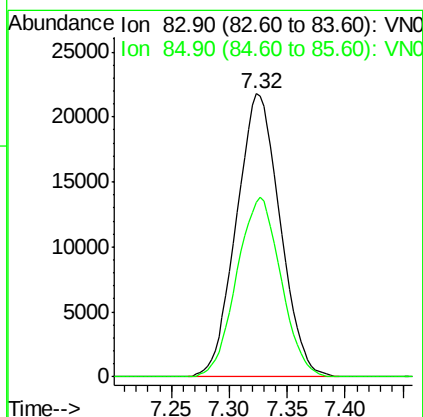
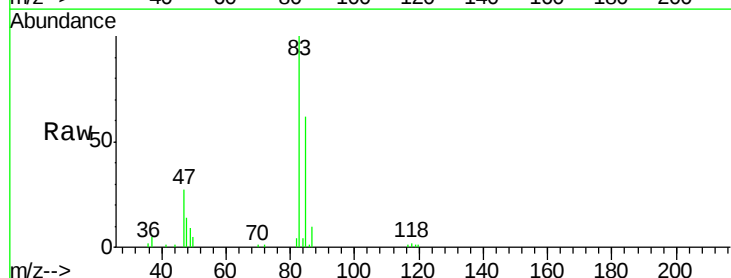
Instrument :
MSVOA_N
ClientSampled :

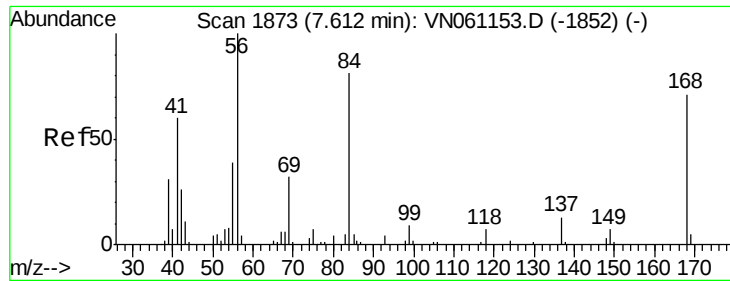
Tot Ion: 42 Resp: 69380
Ion Ratio Lower Upper
42 100
72 39.6 31.4 47.0
71 36.6 29.5 44.3



#30
Chloroform
Concen: 20.143 ug/l
RT: 7.32 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Tgt Ion: 83 Resp: 57002
Ion Ratio Lower Upper
83 100
85 61.6 51.1 76.7

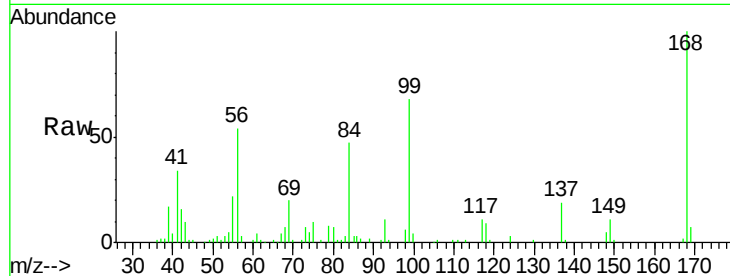




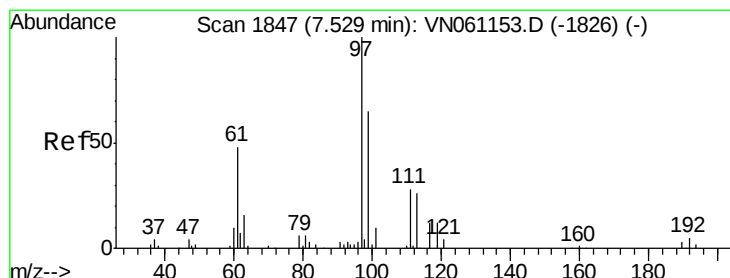
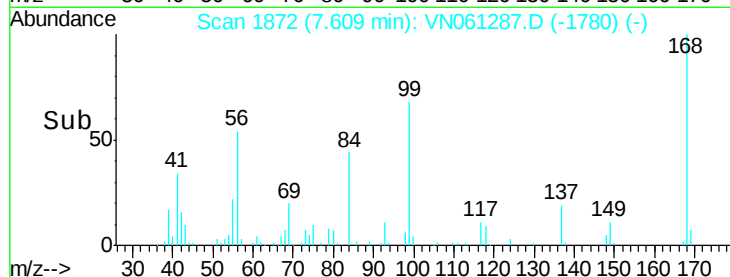
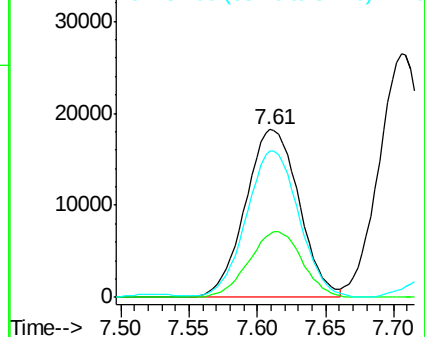
#31
Cyclohexane
Concen: 18.404 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 49910
Ion Ratio Lower Upper
56 100
69 37.7 25.7 38.5
84 86.4 64.6 97.0

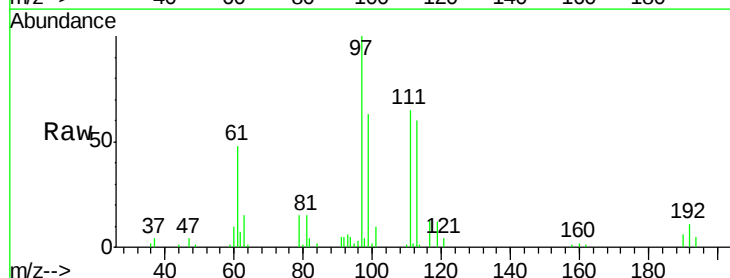


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

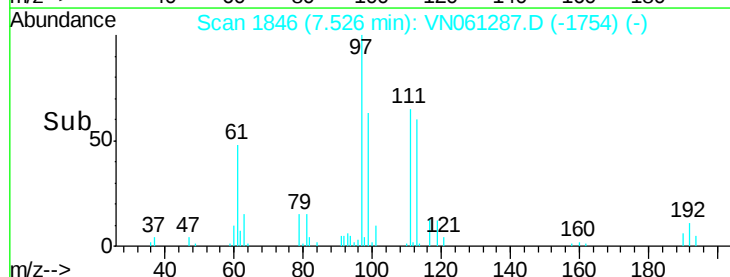
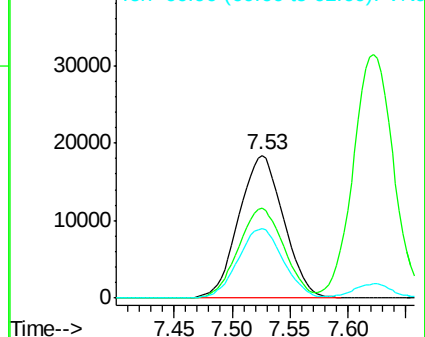


#32
1,1,1-Trichloroethane
Concen: 20.104 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Tgt Ion: 97 Resp: 49542
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 49.0 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: 53.400 ug/l

RT: 7.98 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

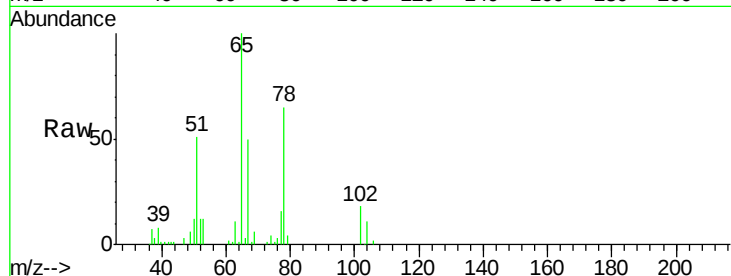
ClientSampleId :

Tot Ion: 65 Resp: 99547

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.6

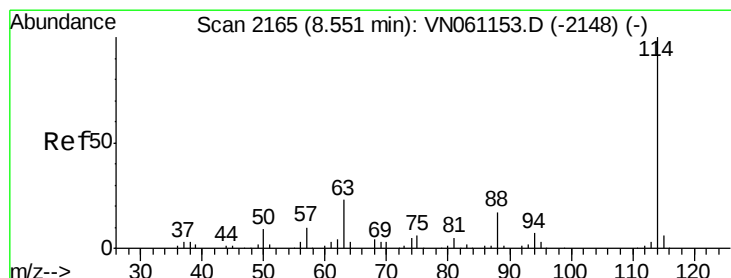
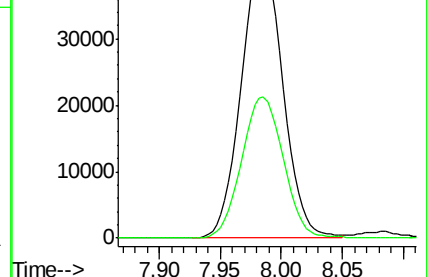
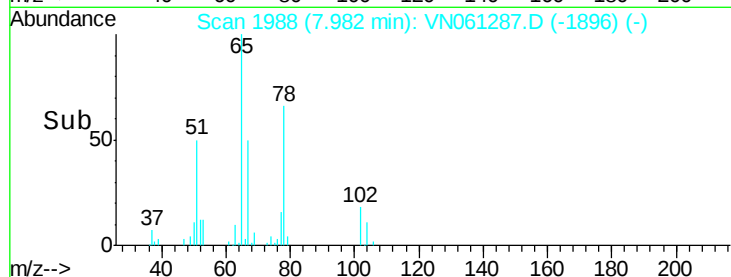


Abundance Ion 64.90 (64.60 to 65.60): VN061153.D (-1972) (-)

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

7.98

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

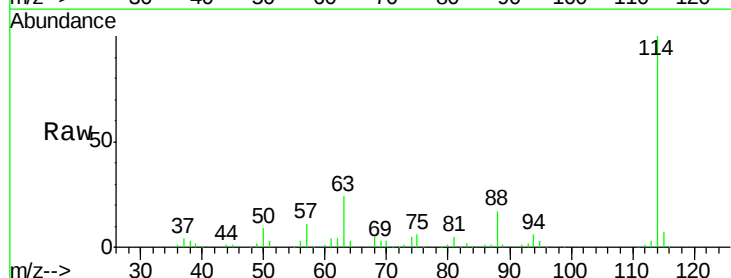
Tgt Ion: 114 Resp: 202390

Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.6

88 16.6 0.0 33.4



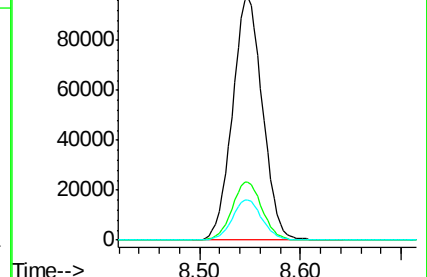
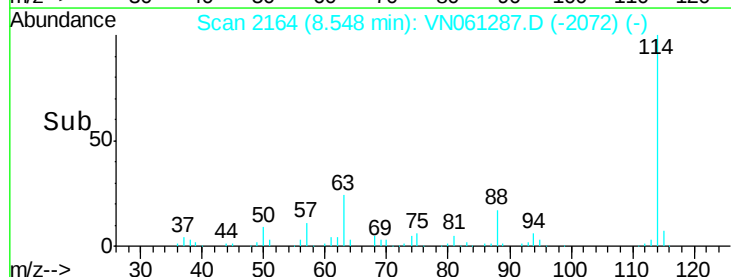
Abundance Ion 113.90 (113.60 to 114.60): VN061153.D (-2148) (-)

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

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

8.55

Time-->

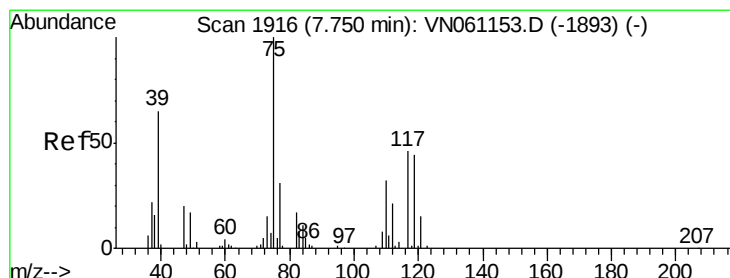
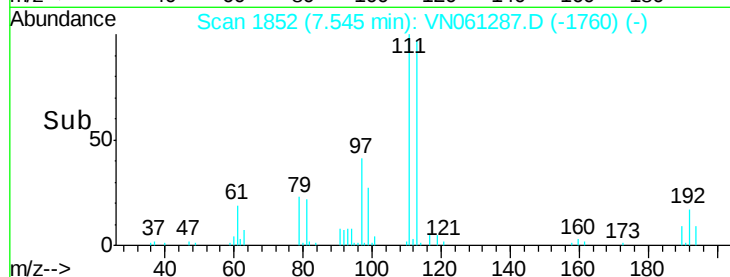
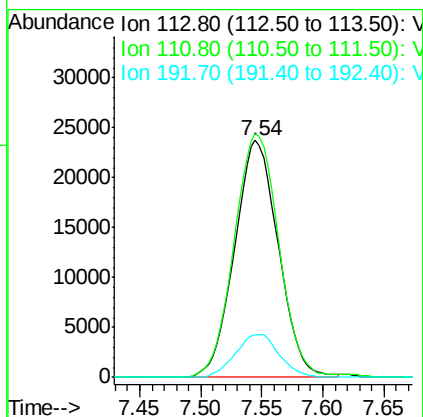
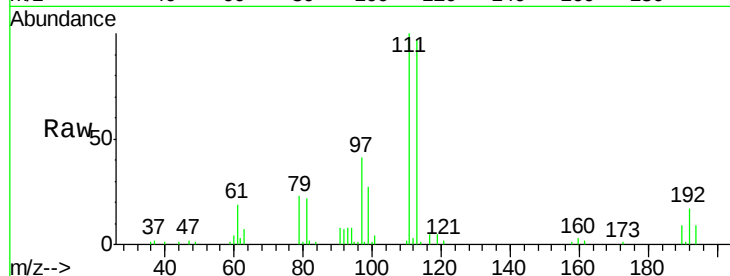




#35
 Dibromofluoromethane
 Concen: 49.182 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

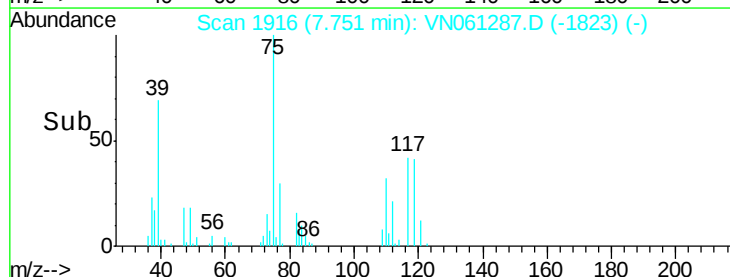
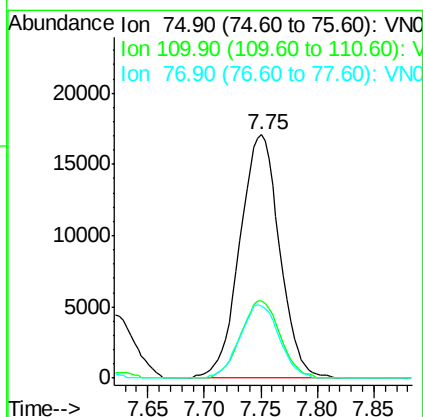
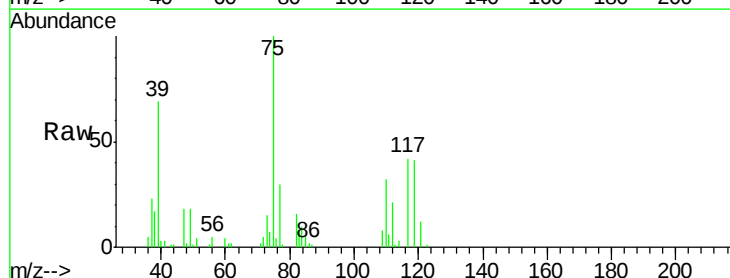
Instrument :
 MSVOA_N
 ClientSampleId :

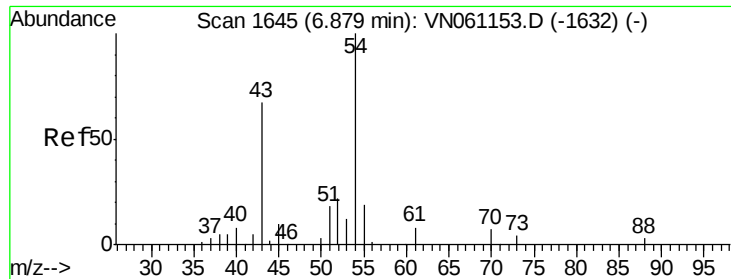
Tot Ion:113 Resp: 58860
 Ion Ratio Lower Upper
 113 100
 111 105.6 82.9 124.3
 192 18.2 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 20.613 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Tgt Ion: 75 Resp: 41762
 Ion Ratio Lower Upper
 75 100
 110 31.6 16.0 48.0
 77 29.9 24.6 37.0

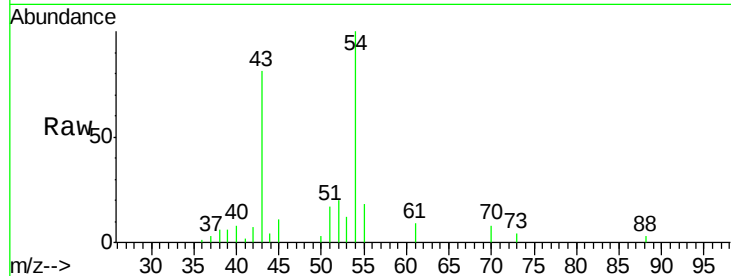




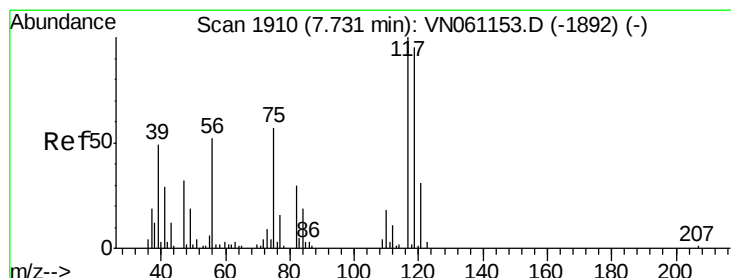
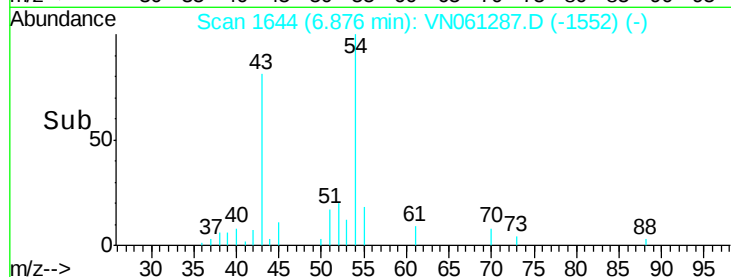
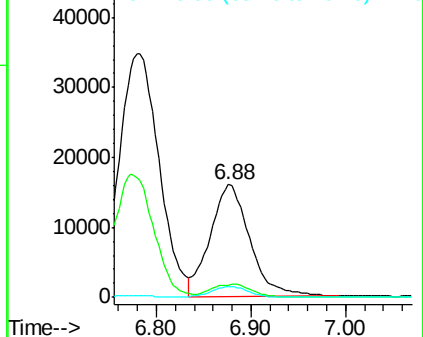
#37
Ethyl Acetate
Concen: 19.479 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 46265
Ion Ratio Lower Upper
43 100
61 12.1 10.2 15.2
70 8.8 7.2 10.8

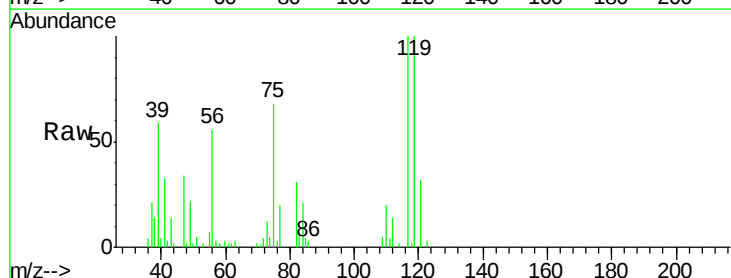


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

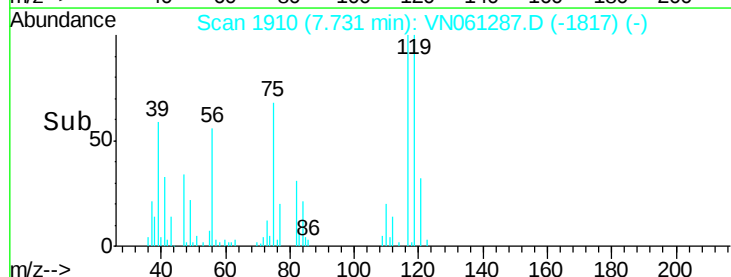
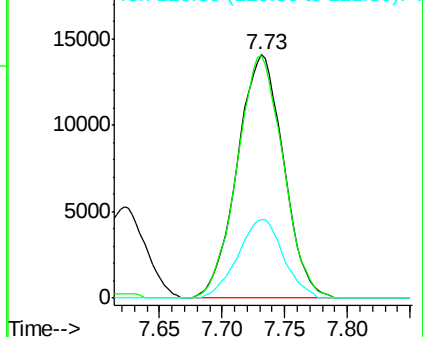


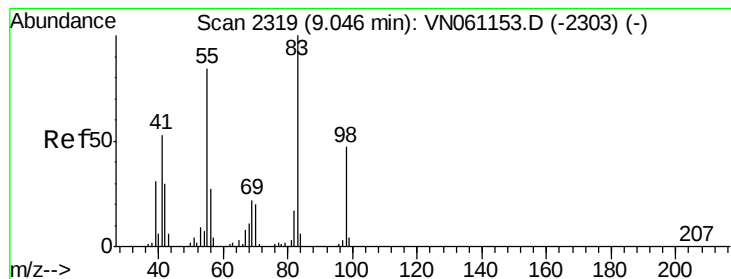
#38
Carbon Tetrachloride
Concen: 20.912 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Tgt Ion: 117 Resp: 36079
Ion Ratio Lower Upper
117 100
119 99.5 75.8 113.6
121 32.3 24.7 37.1



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





#39

Methvlcvclohexane

Concen: 19.289 ug/l

RT: 9.04 min Scan# 2318

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

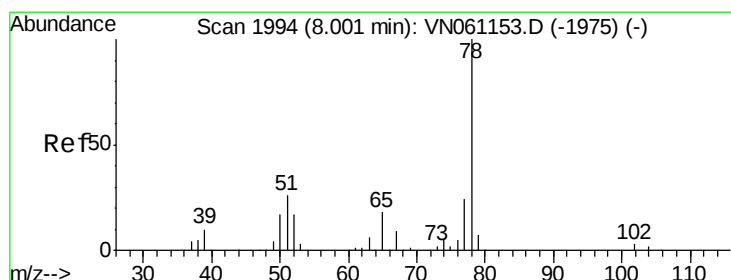
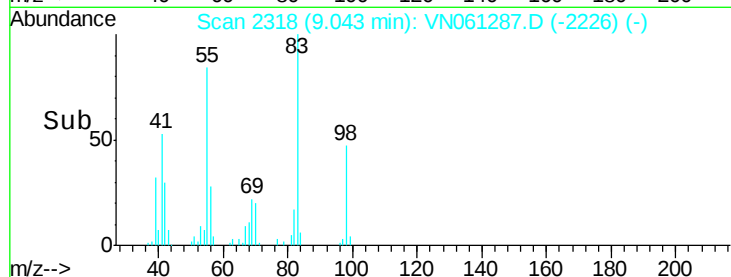
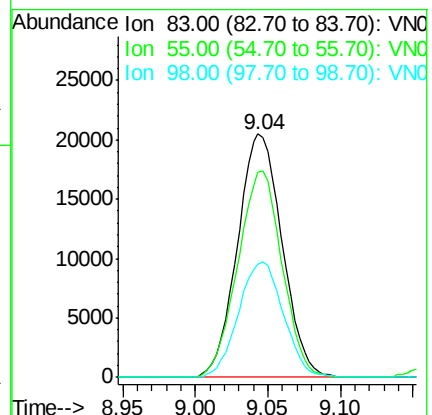
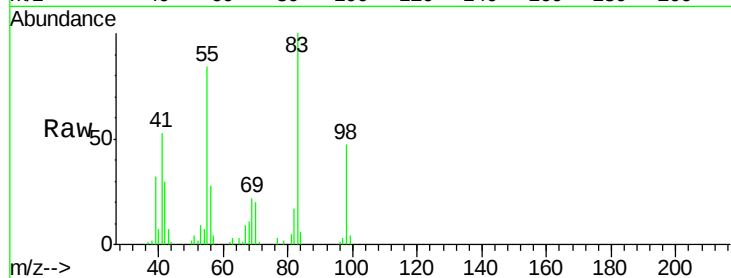
Tot Ion: 83 Resp: 43827

Ion Ratio Lower Upper

83 100

55 84.1 67.3 100.9

98 46.6 37.7 56.5



#40

Benzene

Concen: 20.234 ug/l

RT: 8.00 min Scan# 1994

Delta R.T. 0.00 min

Lab File: VN061287.D

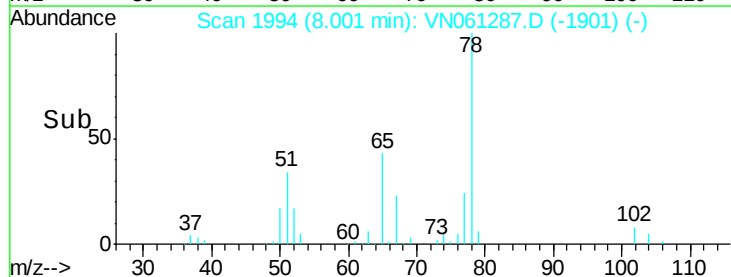
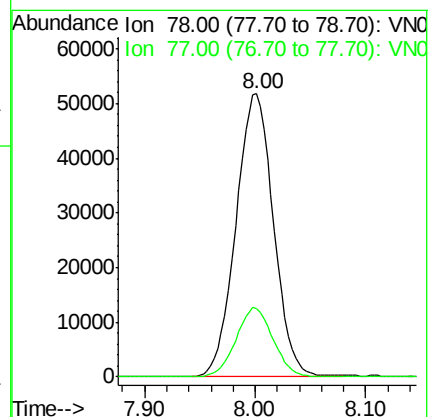
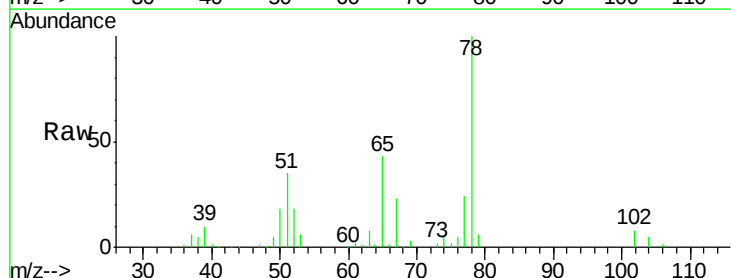
Acq: 5 May 2020 13:15

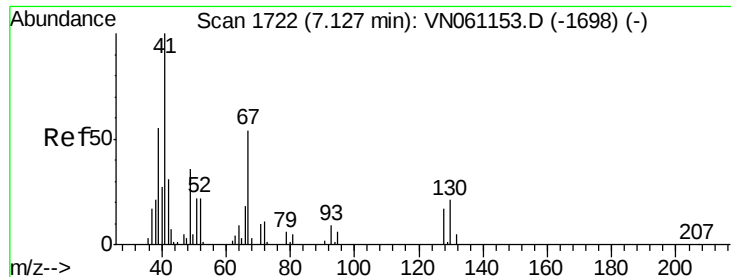
Tgt Ion: 78 Resp: 122132

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

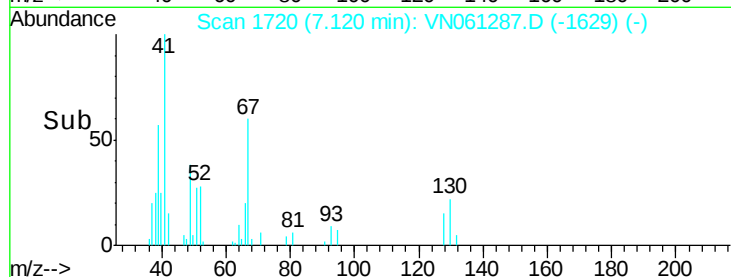
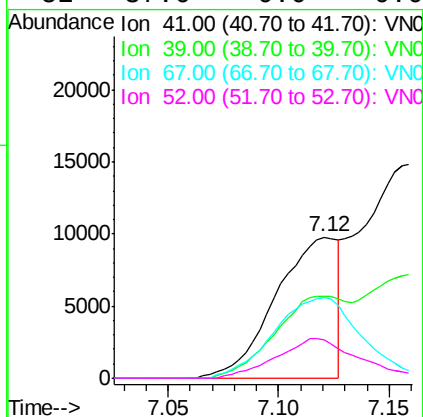
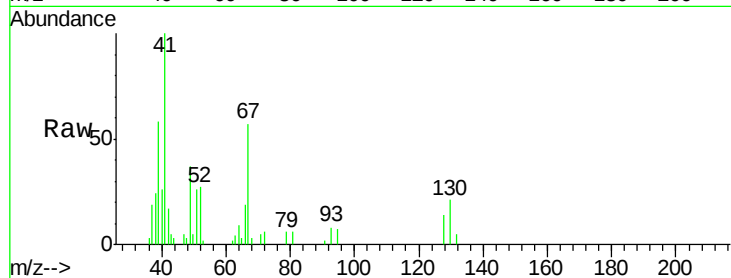




#41
Methacrylonitrile
Concen: 19.422 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

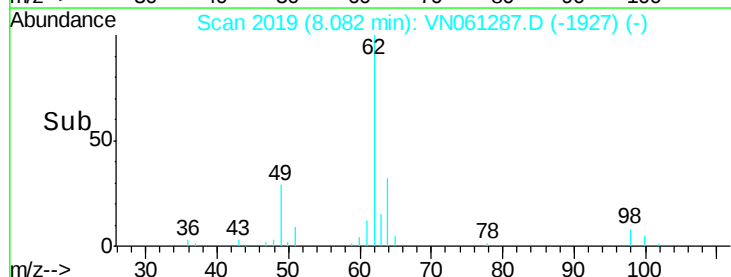
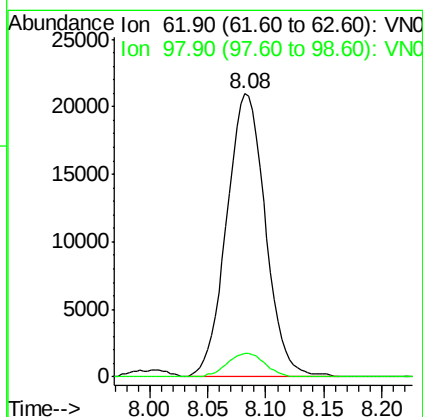
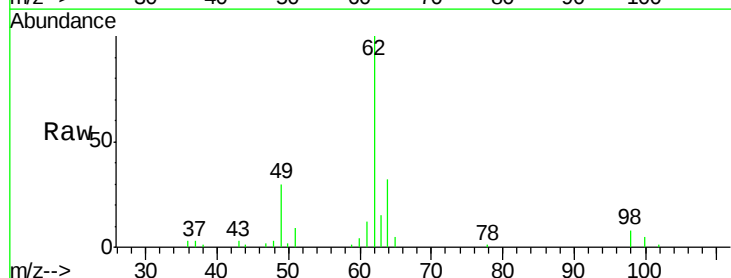
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	19153
Ion	Ratio	Lower	Upper
41	100		
39	68.9	0.0	0.0#
67	81.2	0.0	0.0#
52	37.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 21.253 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Tgt Ion:	62	Resp:	48599
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.8





#43

Isopropyl Acetate

Concen: 19.860 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

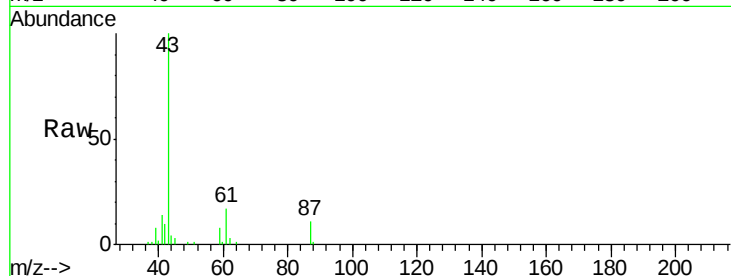
Tot Ion: 43 Resp: 78287

Ion Ratio Lower Upper

43 100

61 24.2 19.5 29.3

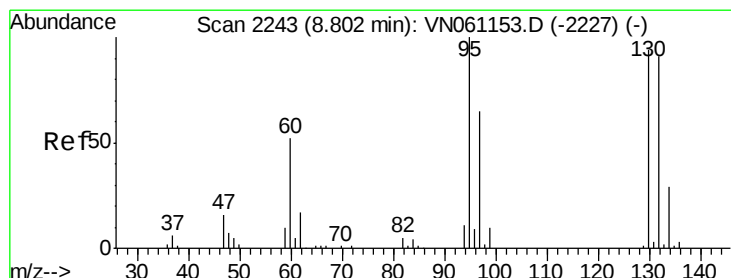
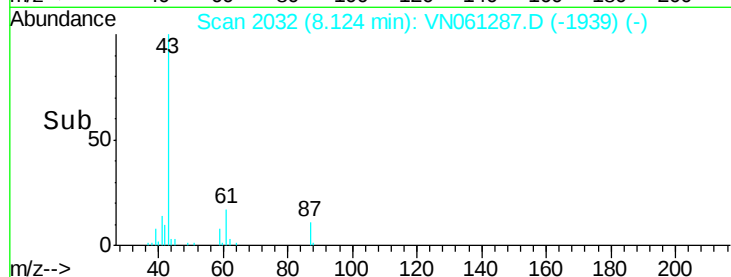
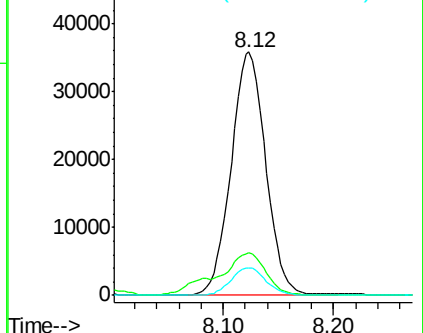
87 11.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061287.D (-2150) (-)

Ion 61.00 (60.70 to 61.70): VN061287.D (-2150) (-)

Ion 87.00 (86.70 to 87.70): VN061287.D (-2150) (-)



#44

Trichloroethene

Concen: 18.700 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061287.D

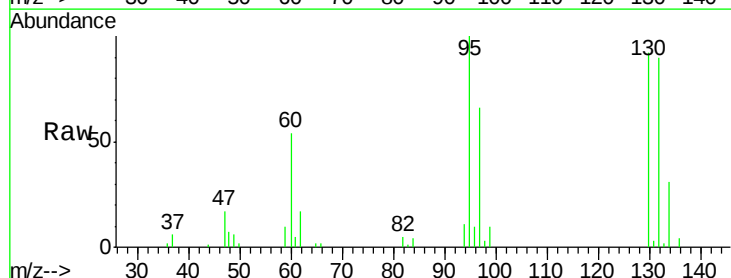
Acq: 5 May 2020 13:15

Tgt Ion: 130 Resp: 30513

Ion Ratio Lower Upper

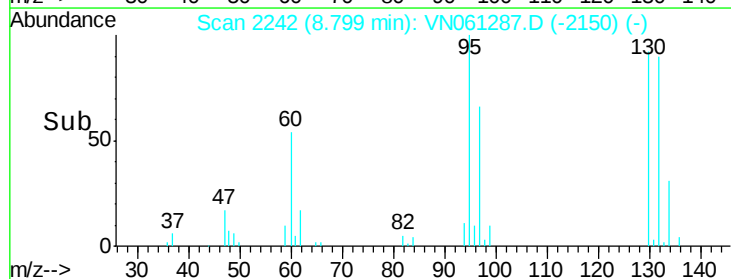
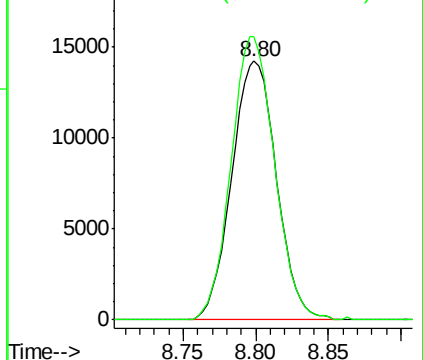
130 100

95 109.3 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061287.D (-2150) (-)

Ion 94.90 (94.60 to 95.60): VN061287.D (-2150) (-)





#45

1,2-Dichloropropane

Concen: 21.175 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

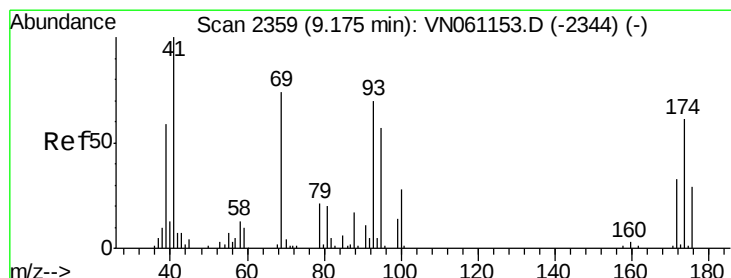
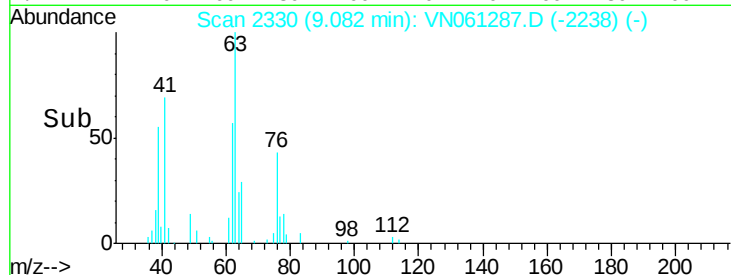
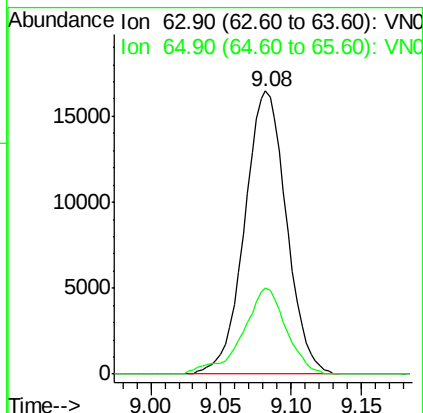
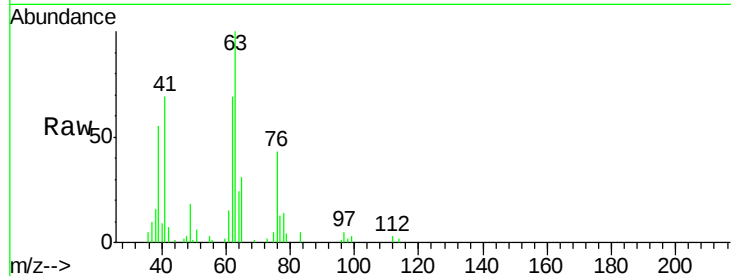
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 34146

Ion Ratio Lower Upper

63 100

65 30.7 24.7 37.1



#46

Dibromomethane

Concen: 20.492 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

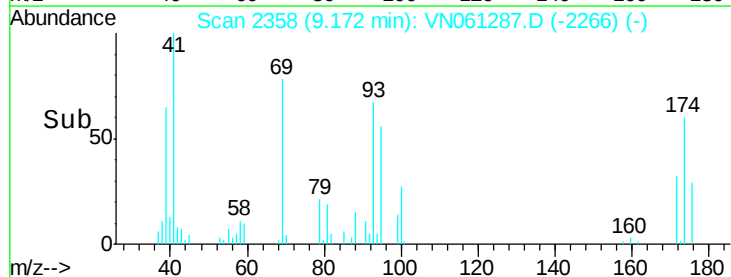
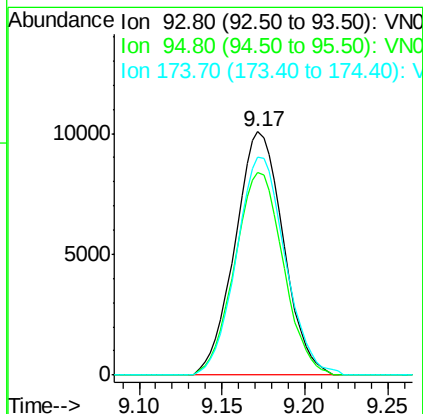
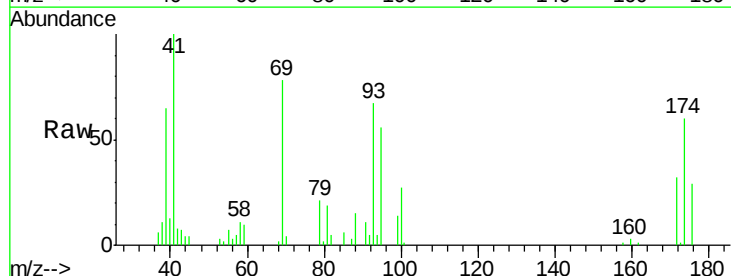
Tgt Ion: 93 Resp: 20460

Ion Ratio Lower Upper

93 100

95 83.4 66.6 99.8

174 90.4 70.2 105.2





#47

Bromodichloromethane

Concen: 20.858 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampled :

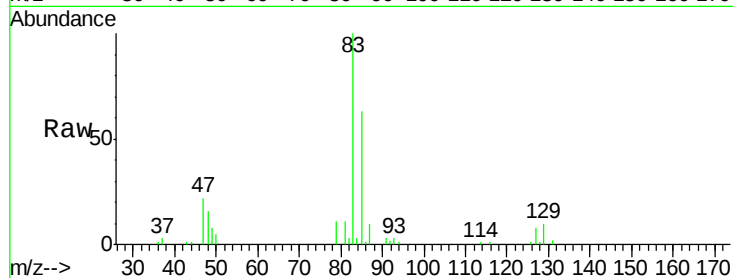
Tot Ion: 83 Resp: 44701

Ion Ratio Lower Upper

83 100

85 62.9 50.4 75.6

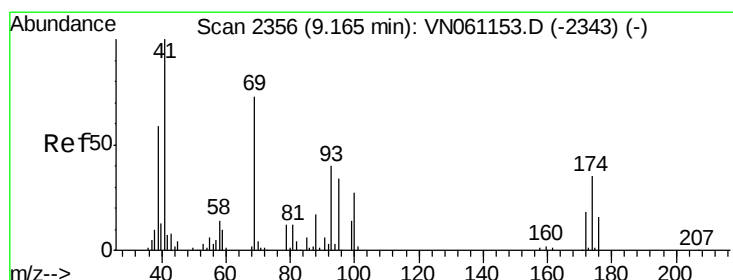
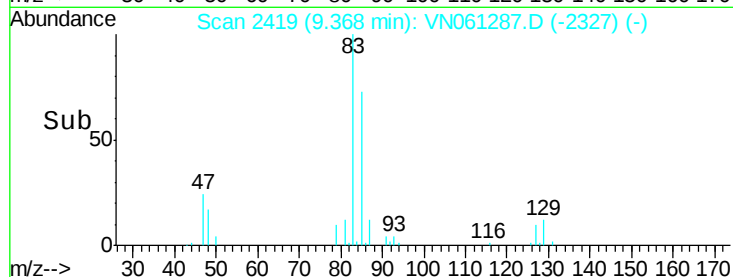
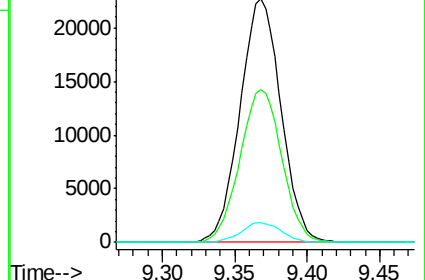
127 8.3 6.2 9.2



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: 19.438 ug/l

RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

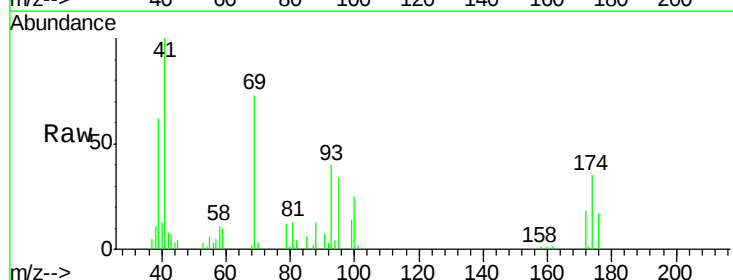
Tgt Ion: 41 Resp: 34576

Ion Ratio Lower Upper

41 100

69 75.7 60.3 90.5

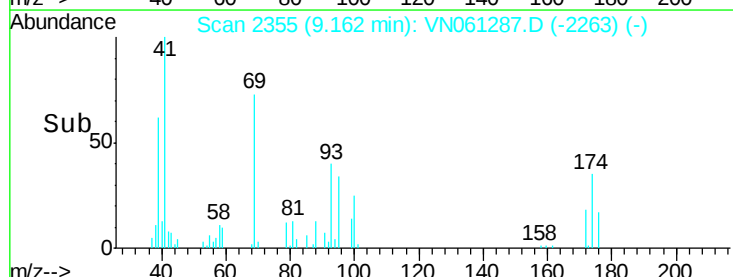
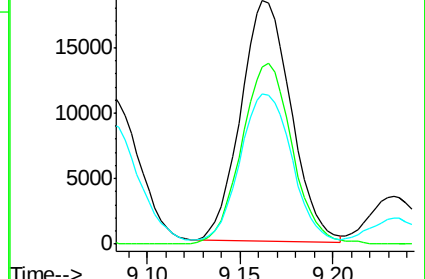
39 65.3 47.4 71.0



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) (-)

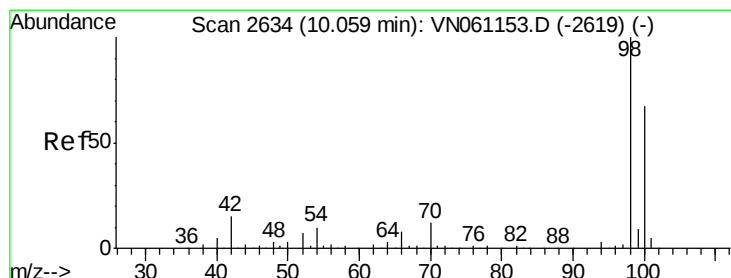
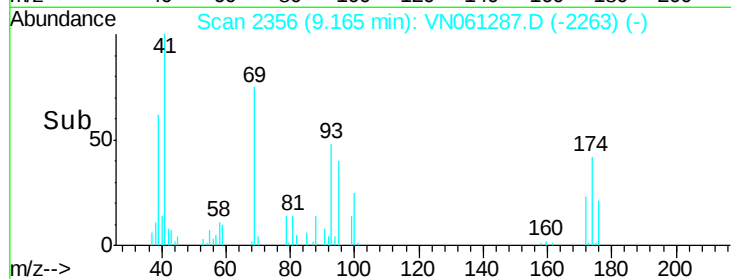
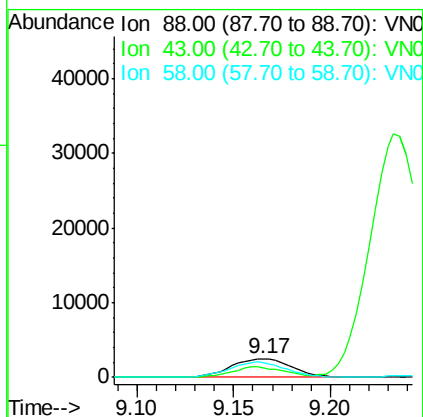
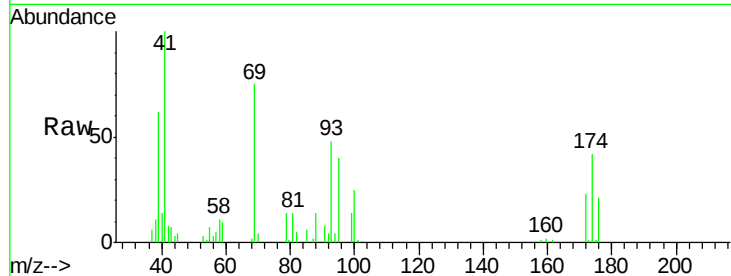




#49
 1,4-Dioxane
 Concen: 267.145 ug/l
 RT: 9.17 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

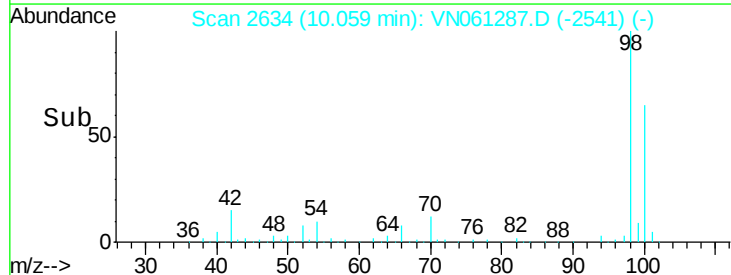
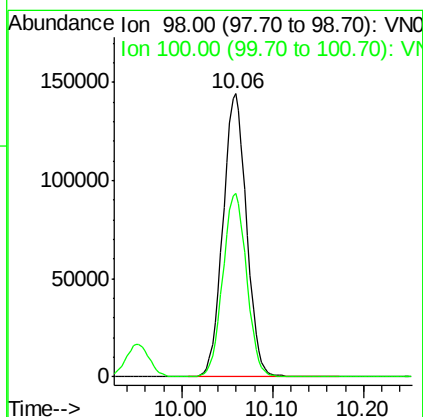
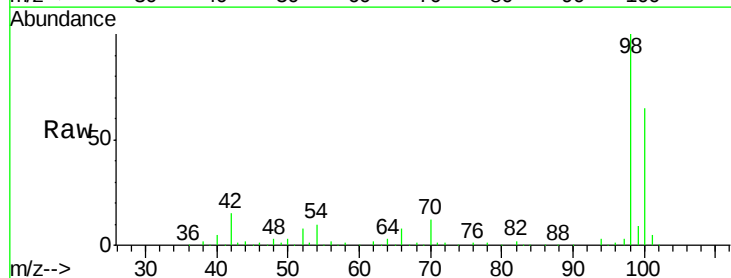
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 5394
 Ion Ratio Lower Upper
 88 100
 43 48.4 35.3 52.9
 58 76.8 61.5 92.3



#50
 Toluene-d8
 Concen: 53.217 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Tgt Ion: 98 Resp: 259629
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.4 80.0

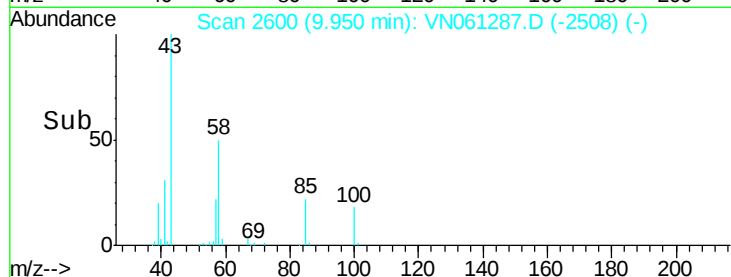
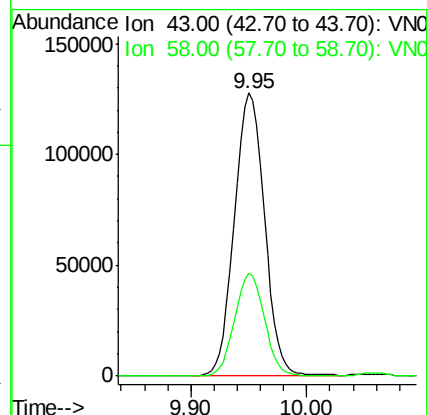
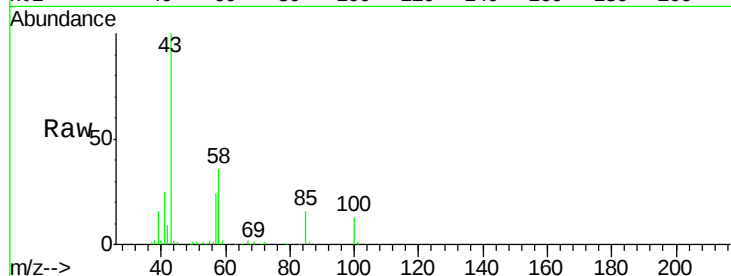




#51
 4-Methyl-2-Pentanone
 Concen: 99.238 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

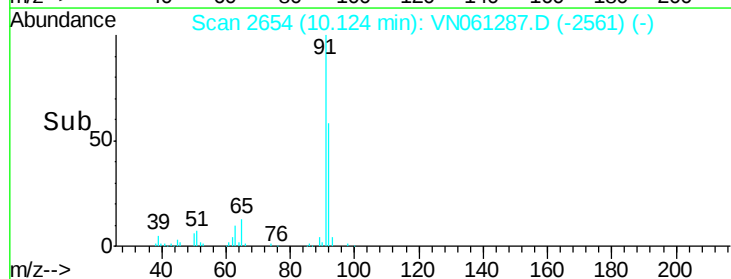
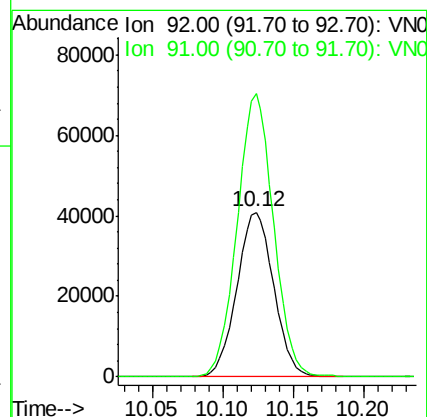
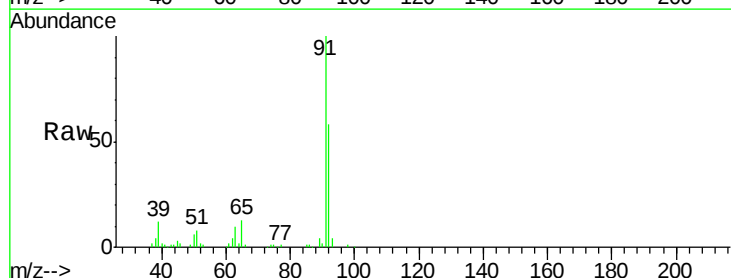
Instrument :
 MSVOA_N
 ClientSampleId :

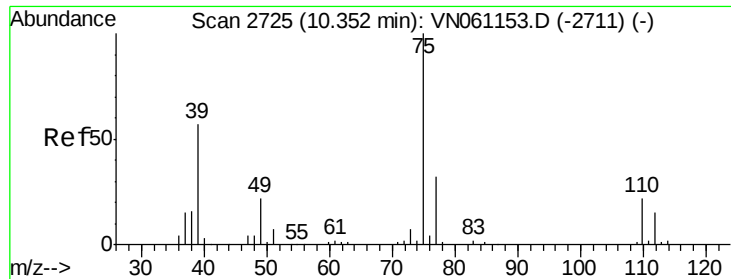
Tot Ion: 43 Resp: 230255
 Ion Ratio Lower Upper
 43 100
 58 35.9 29.1 43.7



#52
 Toluene
 Concen: 20.564 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Tgt Ion: 92 Resp: 74764
 Ion Ratio Lower Upper
 92 100
 91 169.9 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 20.478 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

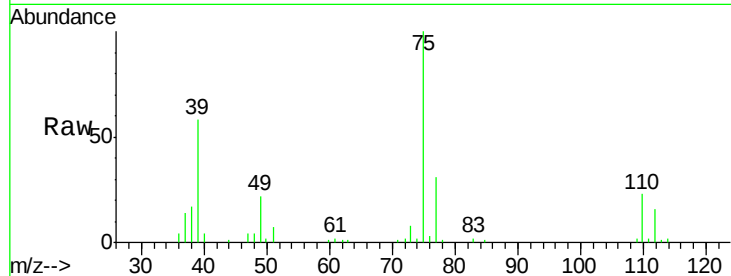
ClientSampled :

Tot Ion: 75 Resp: 49451

Ion Ratio Lower Upper

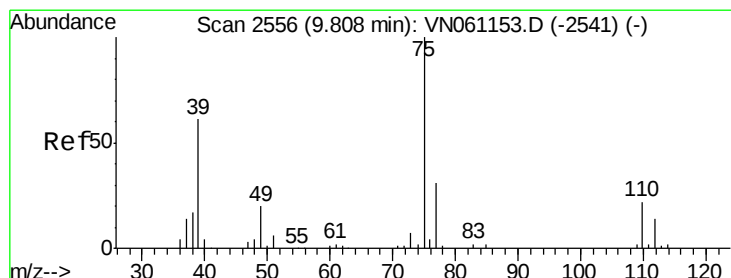
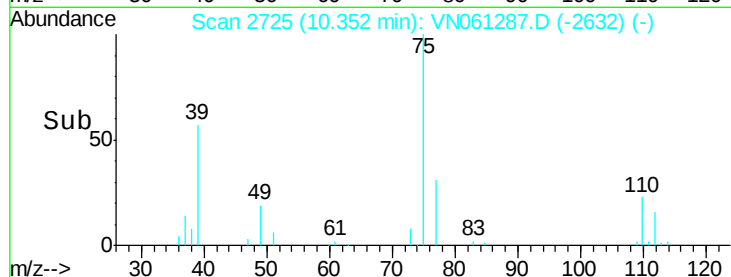
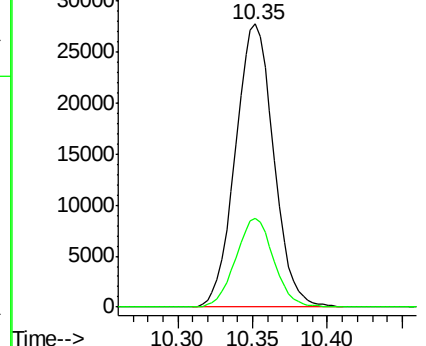
75 100

77 31.4 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.700 ug/l

RT: 9.81 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

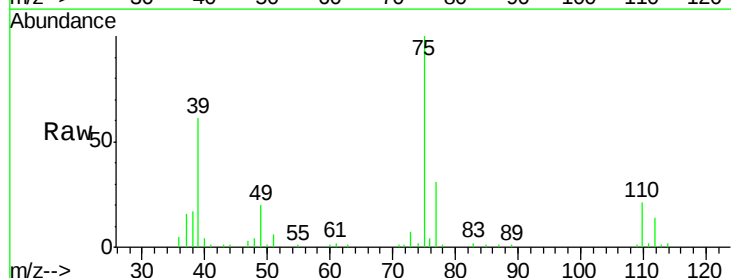
Tgt Ion: 75 Resp: 52845

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

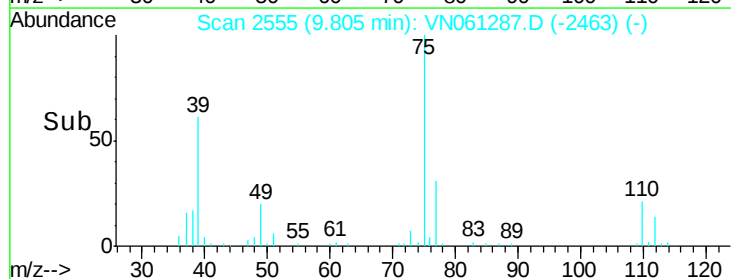
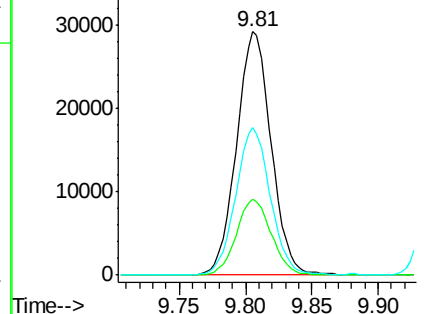
39 60.6 48.7 73.1

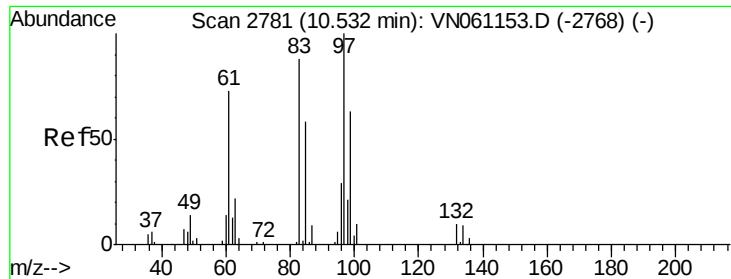


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.356 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 29520

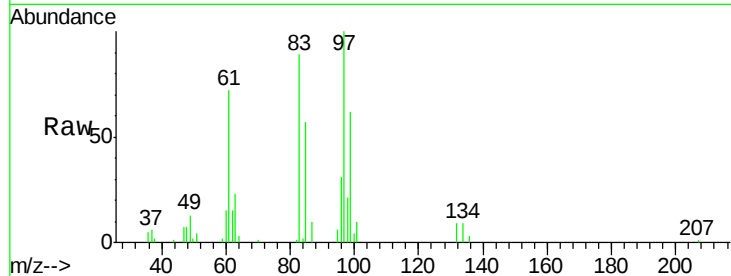
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.6	106.0
85	56.6	46.4	69.6
99	61.9	50.6	75.8

97 100

83 88.9 70.6 106.0

85 56.6 46.4 69.6

99 61.9 50.6 75.8



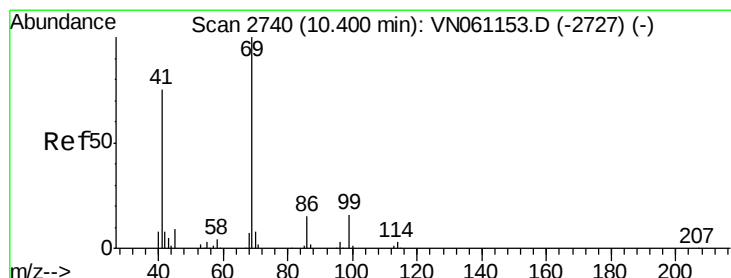
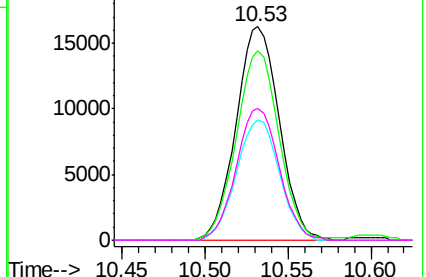
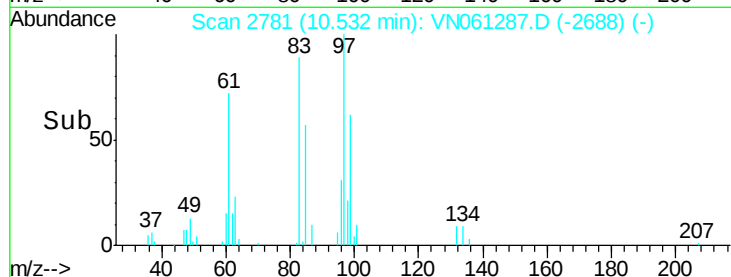
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Time-->



#56

Ethyl methacrylate

Concen: 19.447 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

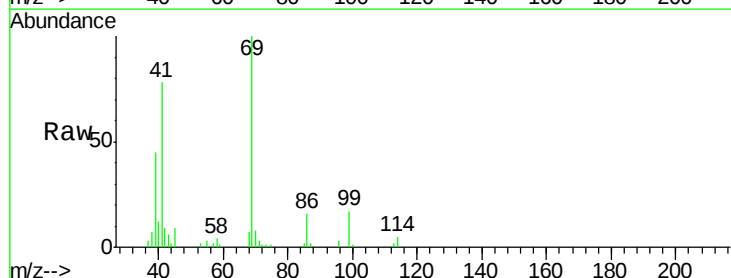
Tgt Ion: 69 Resp: 44690

Ion	Ratio	Lower	Upper
69	100		
41	78.7	60.3	90.5
39	45.3	35.9	53.9

69 100

41 78.7 60.3 90.5

39 45.3 35.9 53.9

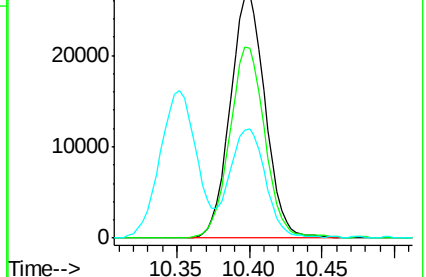
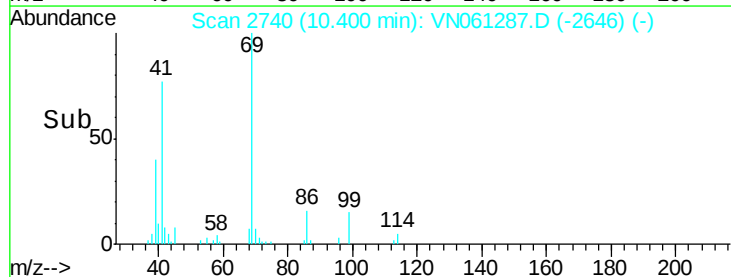


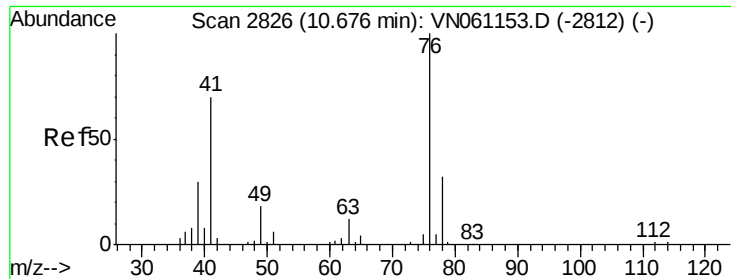
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Time-->

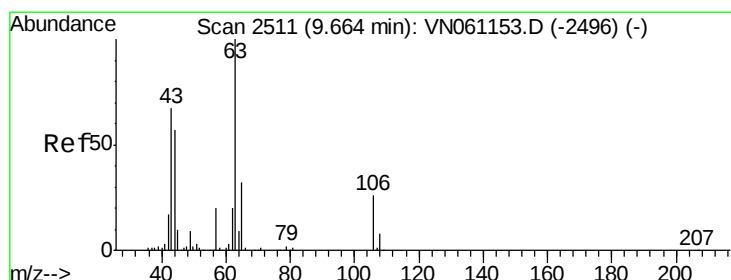
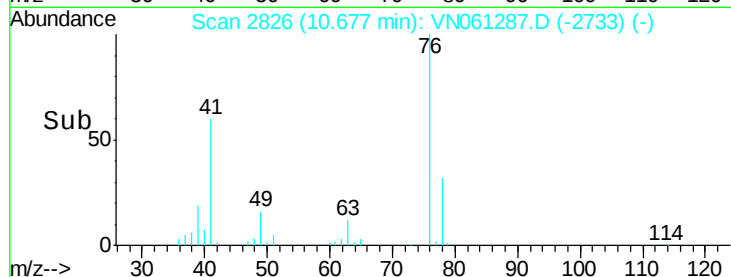
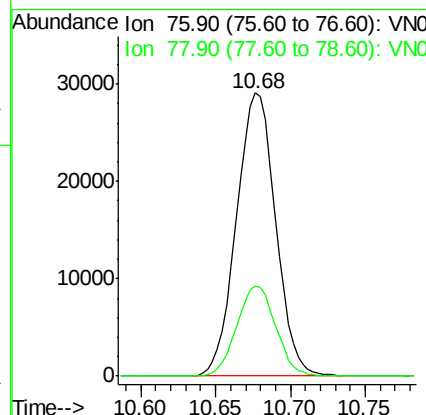
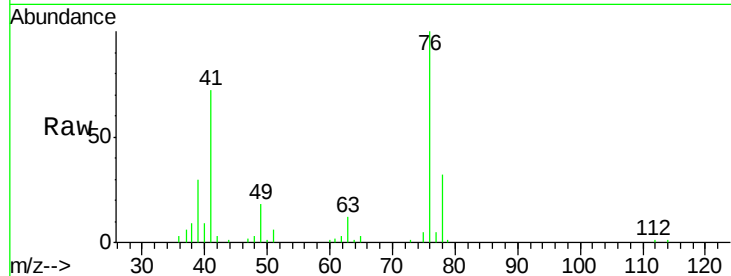




#57
 1,3-Dichloropropane
 Concen: 20.801 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

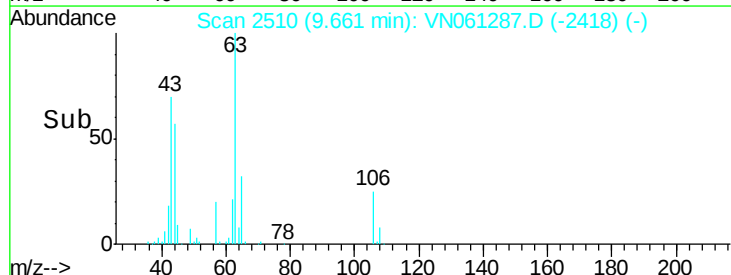
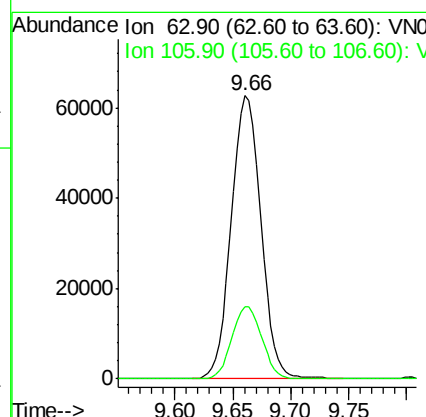
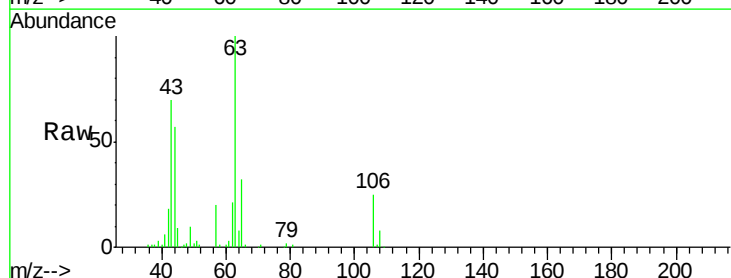
Instrument :
 MSVOA_N
 ClientSampled :

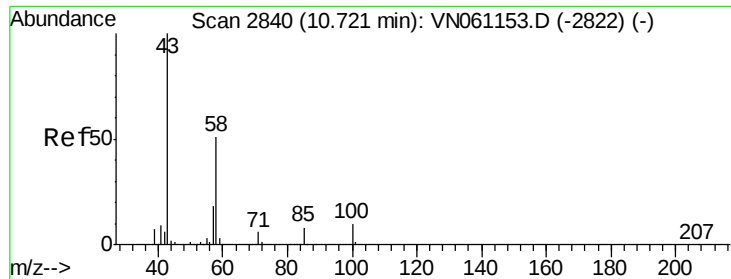
Tot Ion: 76 Resp: 53021
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.601 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Tgt Ion: 63 Resp: 111045
 Ion Ratio Lower Upper
 63 100
 106 25.7 20.6 30.8

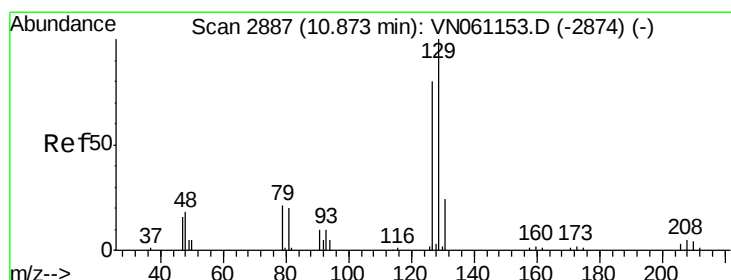
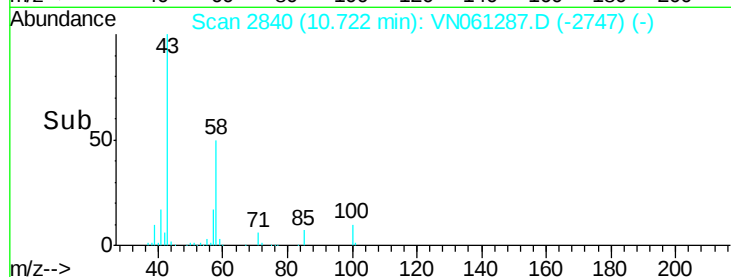
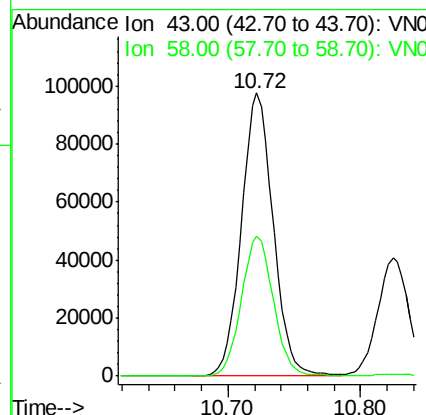
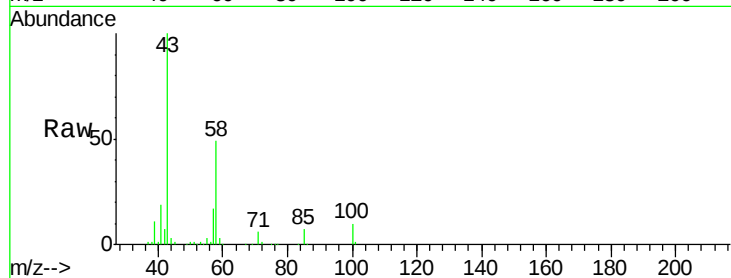




#59
2-Hexanone
Concen: 96.335 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

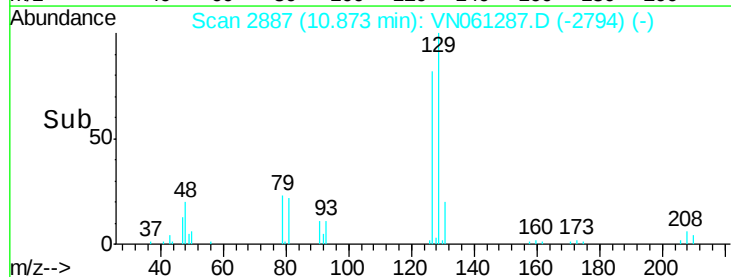
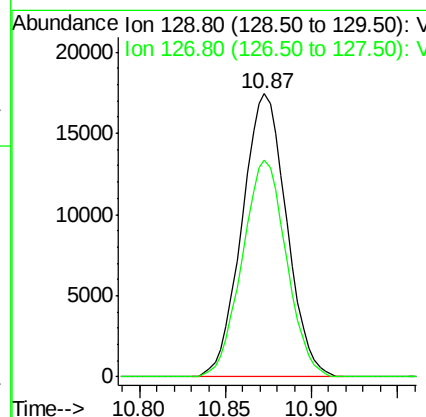
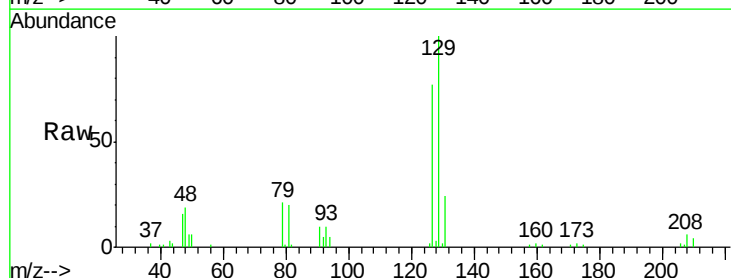
Instrument :
MSVOA_N
ClientSampled :

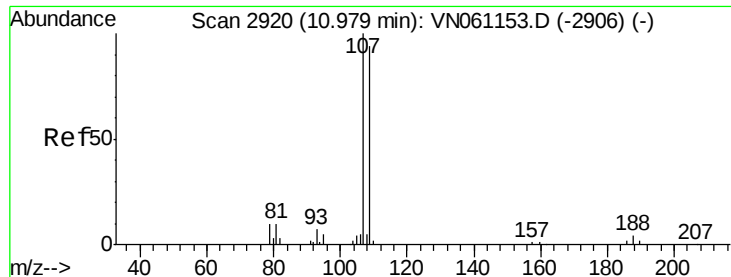
Tot Ion: 43 Resp: 162615
Ion Ratio Lower Upper
43 100
58 49.9 25.4 76.4



#60
Dibromochloromethane
Concen: 20.588 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Tgt Ion: 129 Resp: 31269
Ion Ratio Lower Upper
129 100
127 76.0 39.3 117.8

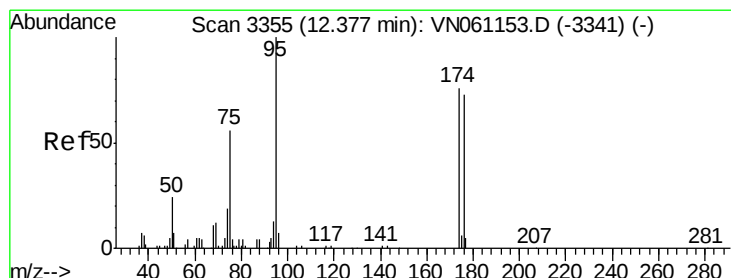
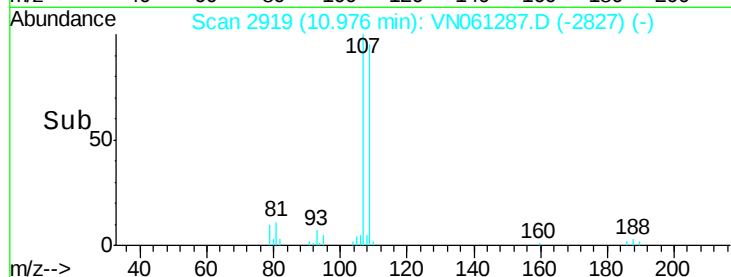
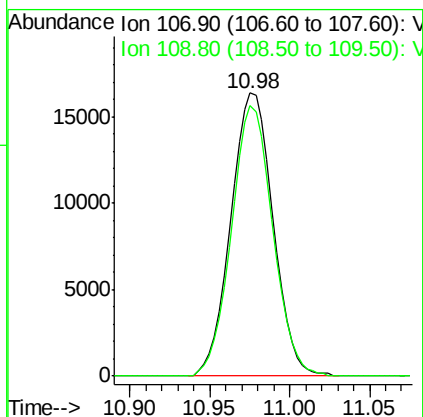
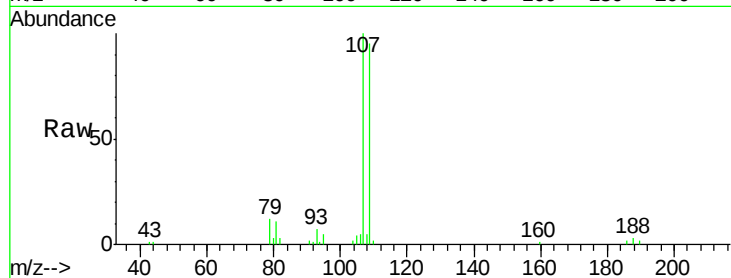




#61
 1,2-Dibromoethane
 Concen: 20.249 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

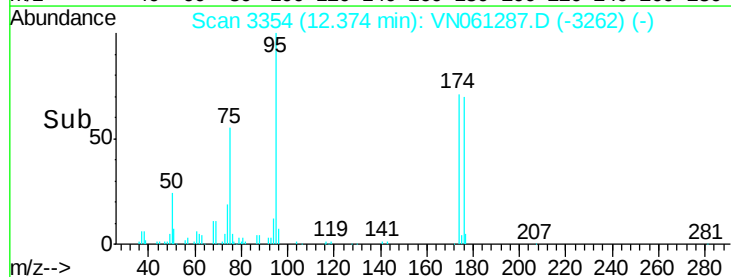
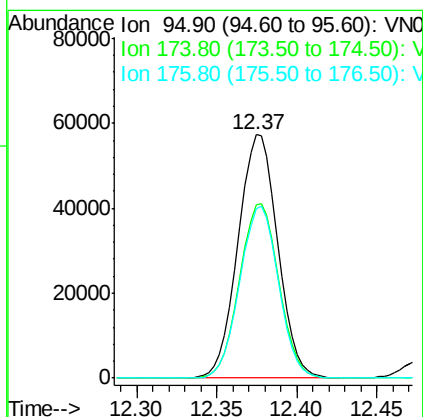
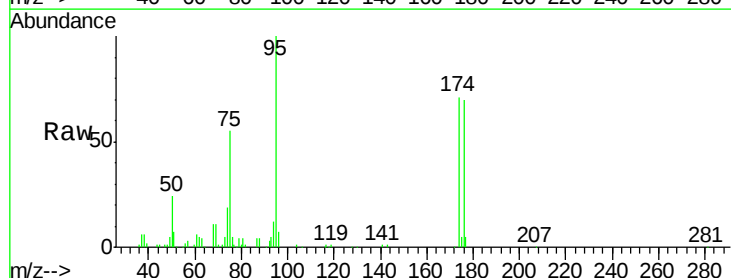
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:107 Resp: 29432
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 52.703 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Tgt Ion: 95 Resp: 96759
 Ion Ratio Lower Upper
 95 100
 174 71.2 0.0 149.4
 176 69.2 0.0 144.8

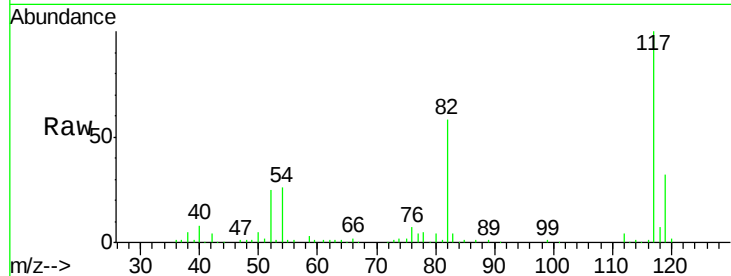




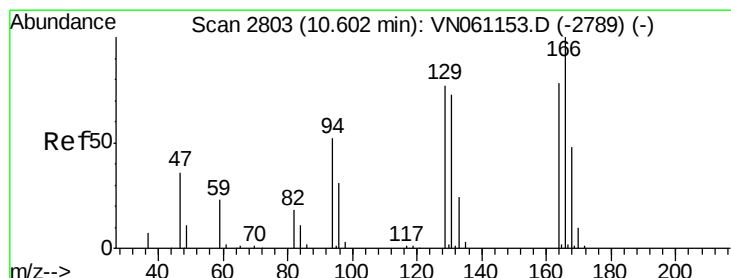
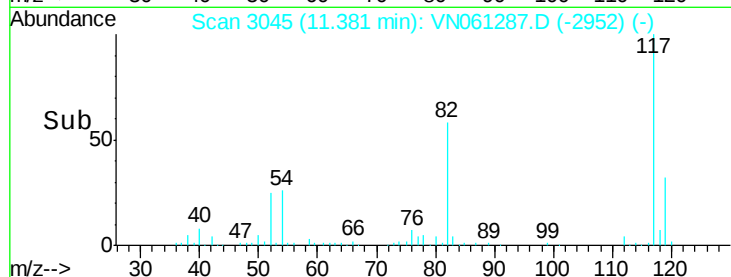
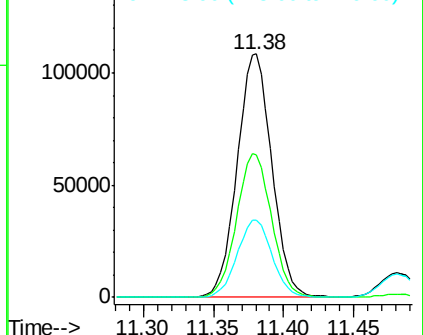
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 187600
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.8
119 31.9 25.8 38.6

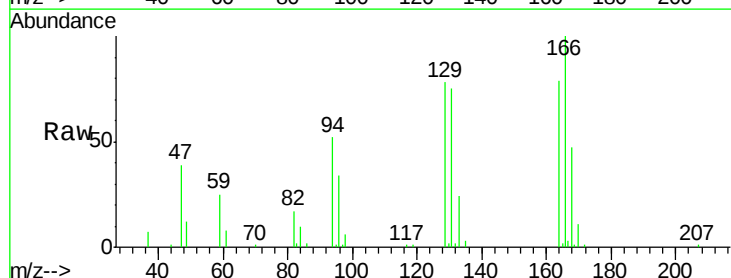


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

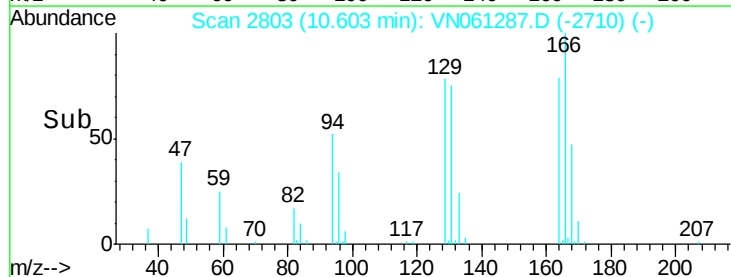
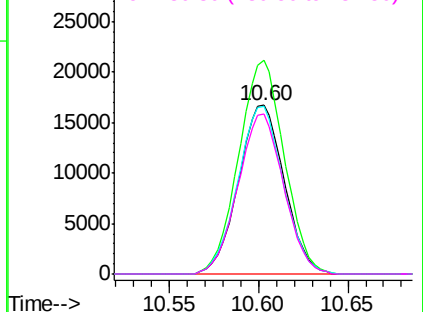


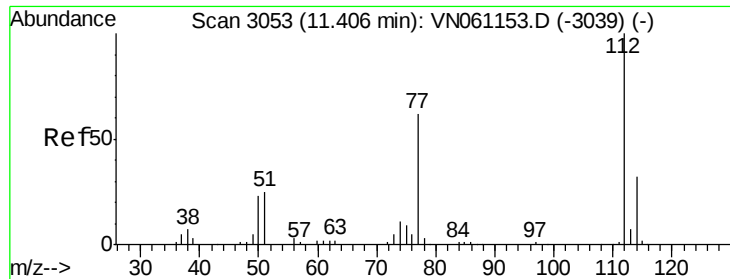
#64
Tetrachloroethene
Concen: 18.469 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Tgt Ion:164 Resp: 30008
Ion Ratio Lower Upper
164 100
166 126.4 102.0 153.0
129 99.2 78.2 117.2
131 94.4 74.5 111.7



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

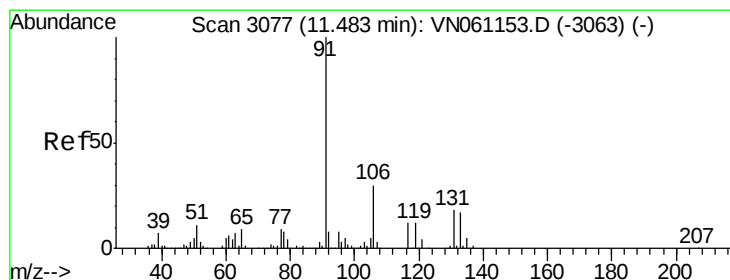
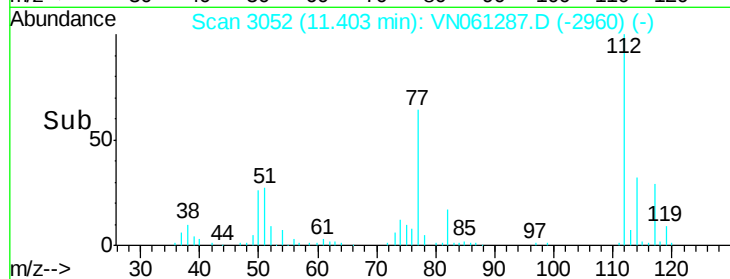
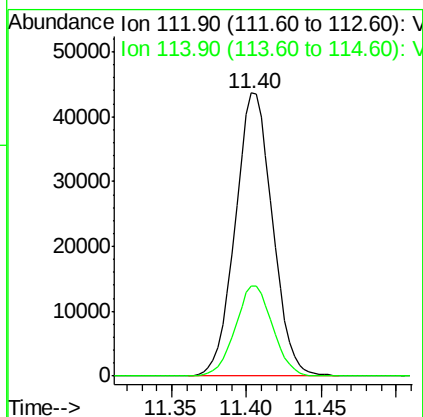
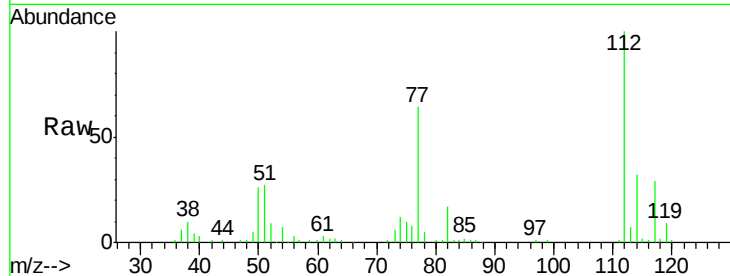




#65
Chlorobenzene
Concen: 20.327 ug/l
RT: 11.40 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

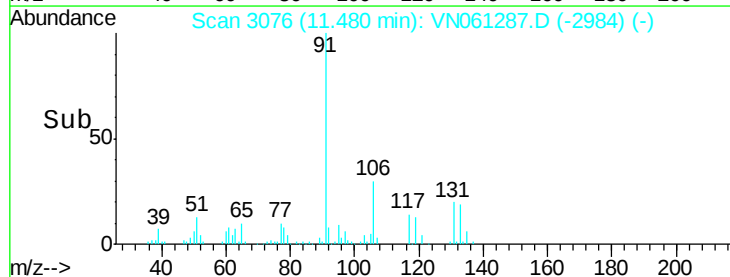
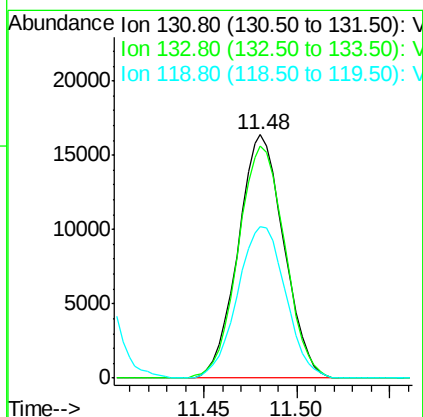
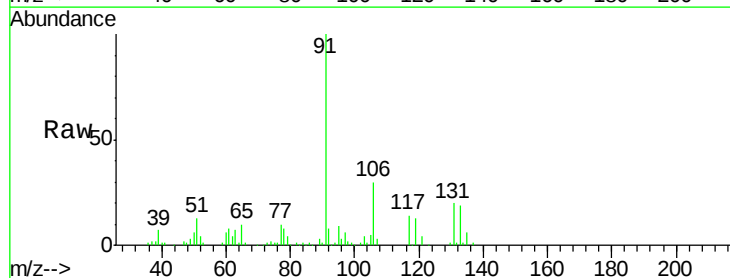
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 75644
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.043 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Tgt Ion:131 Resp: 28027
Ion Ratio Lower Upper
131 100
133 97.1 48.0 144.2
119 65.4 32.6 97.8





#67

Ethyl Benzene

Concen: 20.381 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

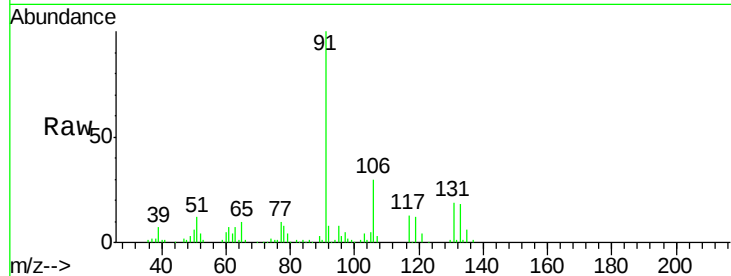
ClientSampleId :

Tot Ion: 91 Resp: 141983

Ion Ratio Lower Upper

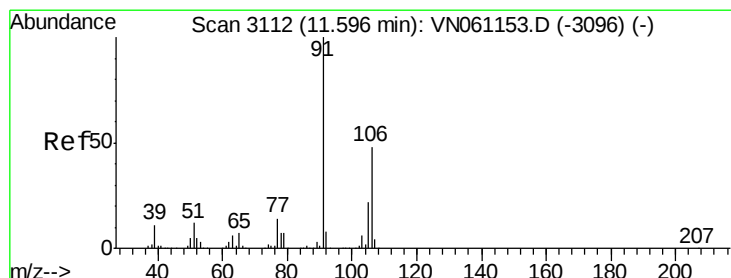
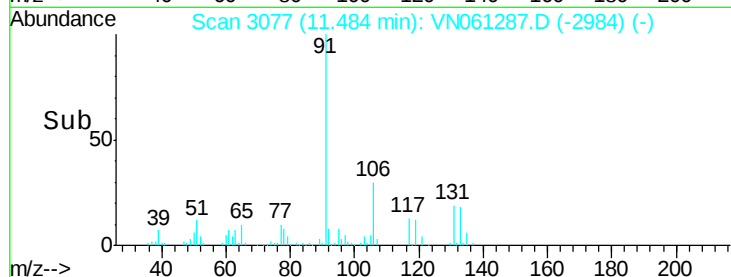
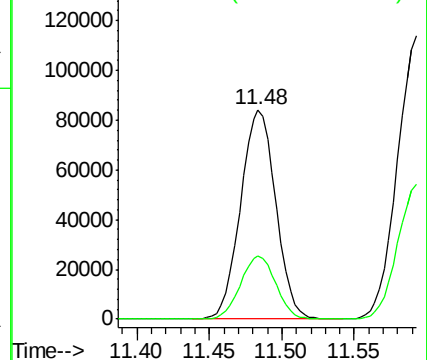
91 100

106 30.1 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.032 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061287.D

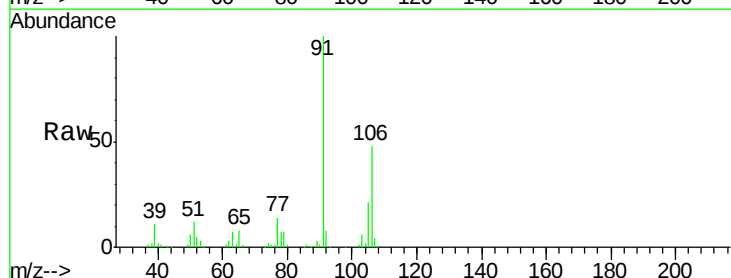
Acq: 5 May 2020 13:15

Tgt Ion:106 Resp: 104626

Ion Ratio Lower Upper

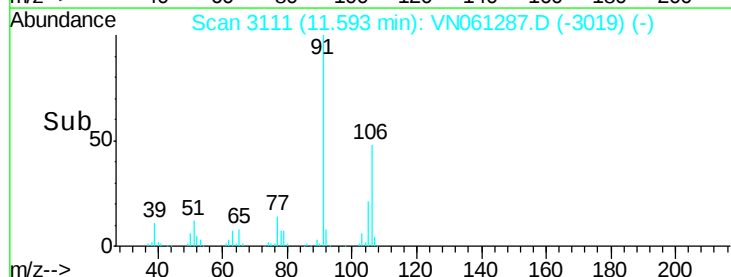
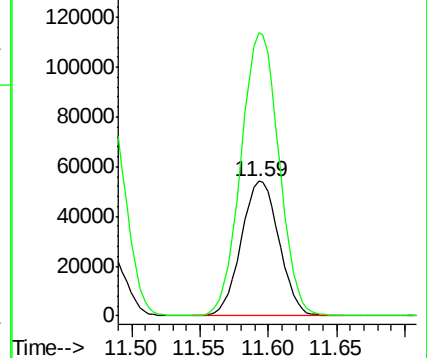
106 100

91 210.1 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

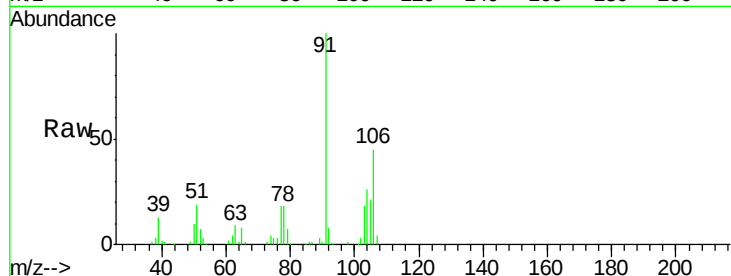




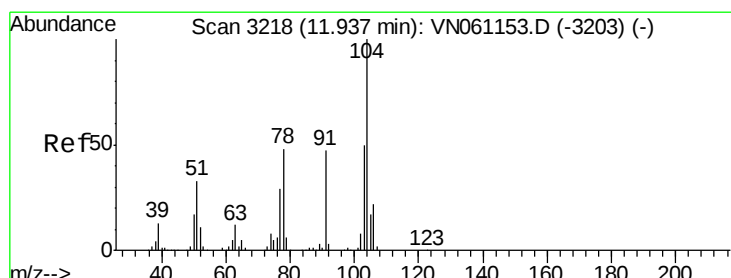
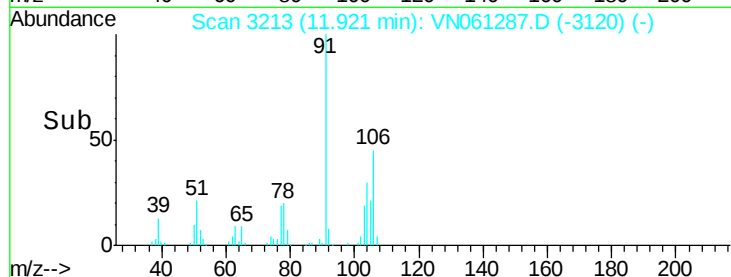
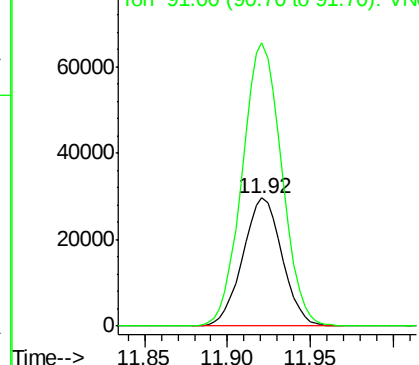
#69
o-Xylene
Concen: 19.972 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 48917
Ion Ratio Lower Upper
106 100
91 221.9 109.7 329.0

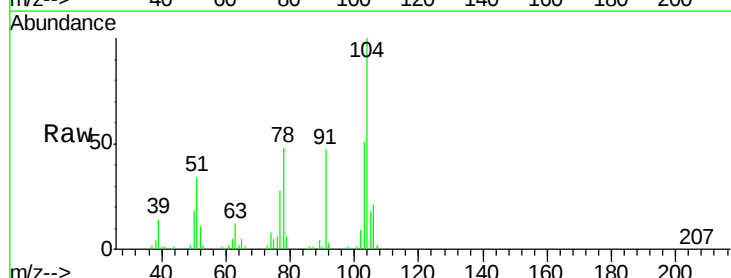


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

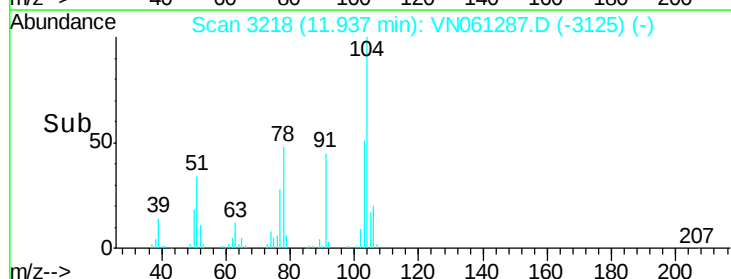
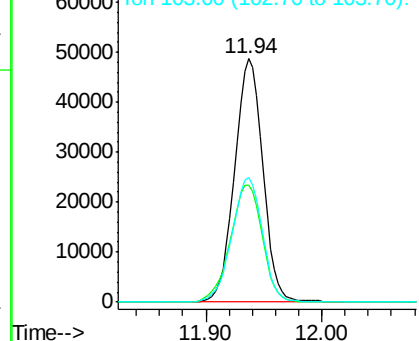


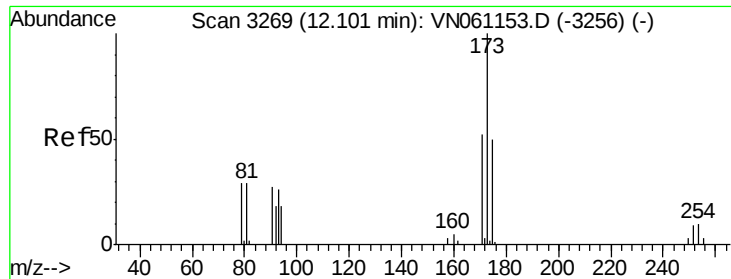
#70
Styrene
Concen: 19.953 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Tgt Ion:104 Resp: 81797
Ion Ratio Lower Upper
104 100
78 54.3 42.1 63.1
103 55.2 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.437 ug/l

RT: 12.10 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampled :

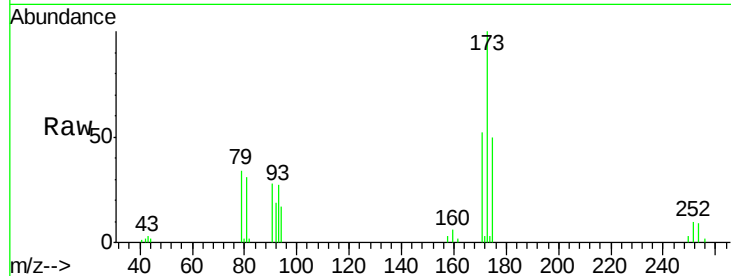
Tot Ion:173 Resp: 20005

Ion Ratio Lower Upper

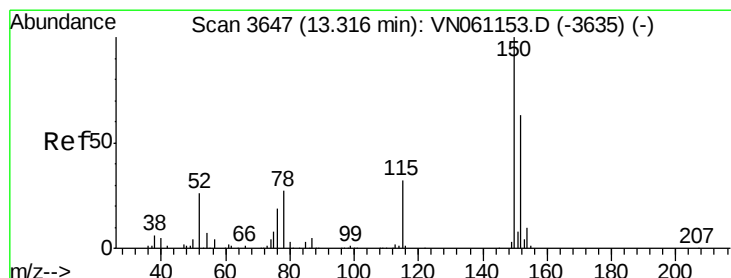
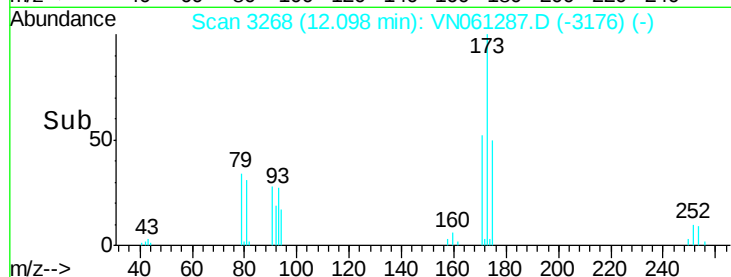
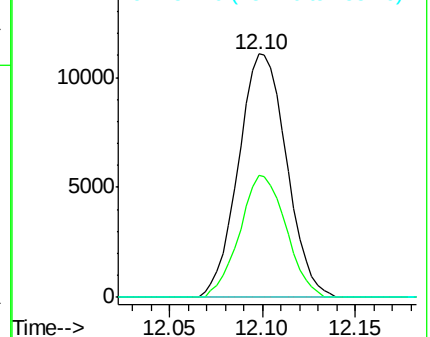
173 100

175 48.3 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

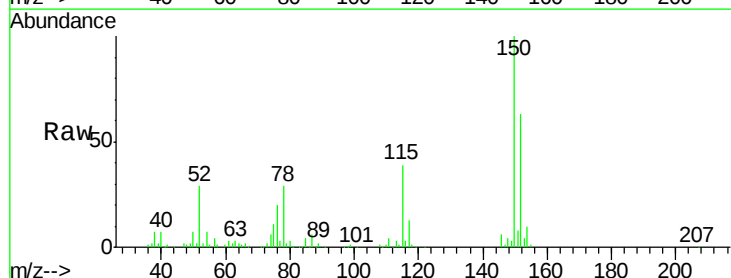
Tgt Ion:152 Resp: 87188

Ion Ratio Lower Upper

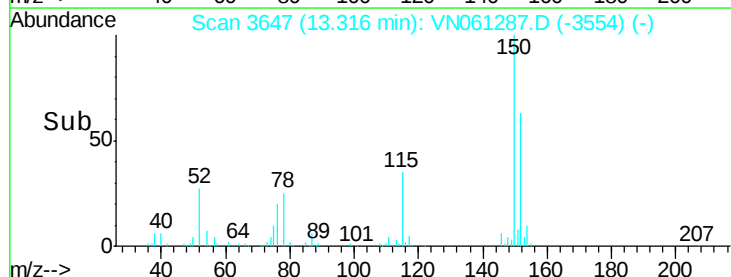
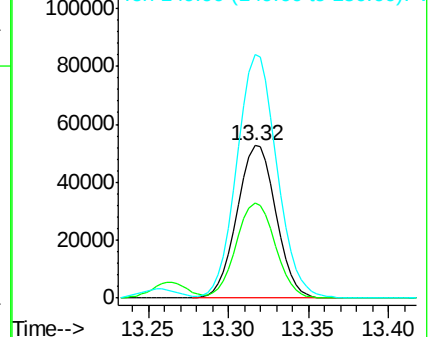
152 100

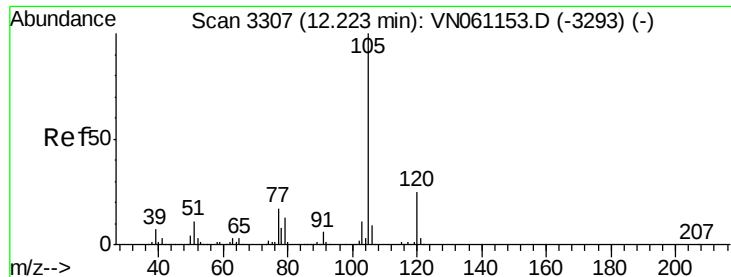
115 62.8 31.0 93.0

150 164.8 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: 20.990 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

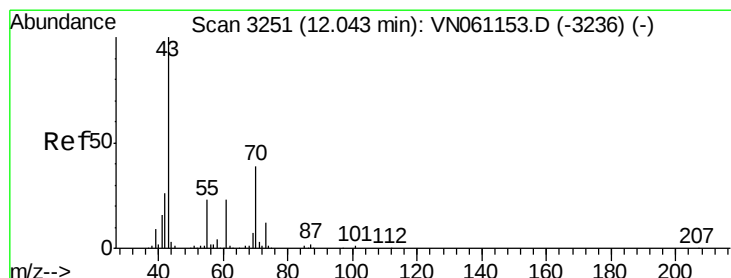
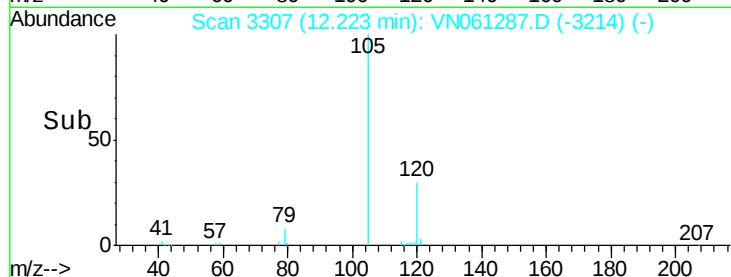
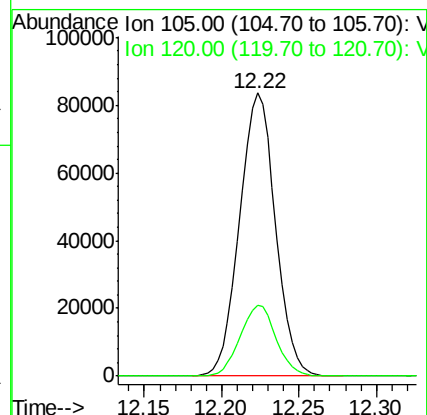
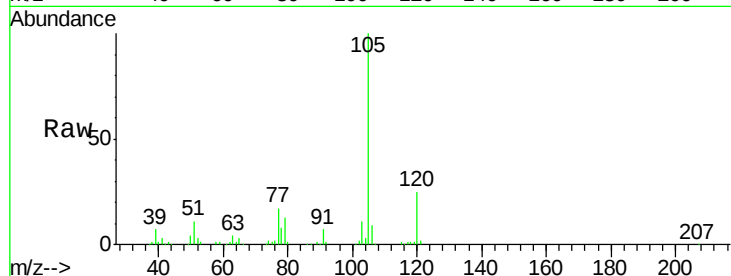
ClientSampleId :

Tot Ion:105 Resp: 134538

Ion Ratio Lower Upper

105 100

120 25.0 12.6 37.8



#74

N-ethyl acetate

Concen: 19.964 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Tgt Ion: 43 Resp: 64796

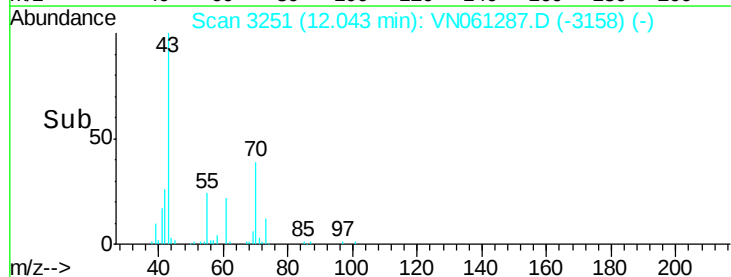
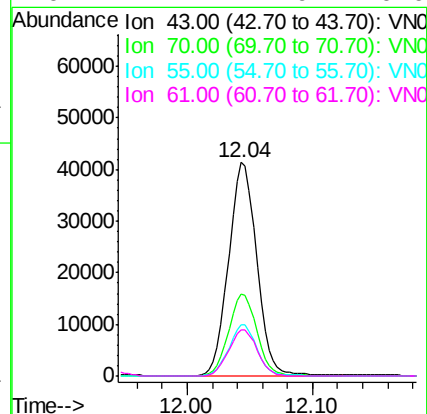
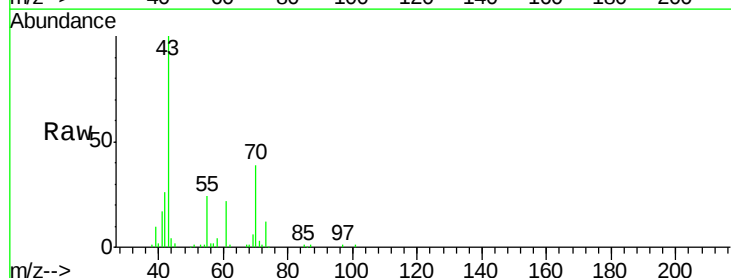
Ion Ratio Lower Upper

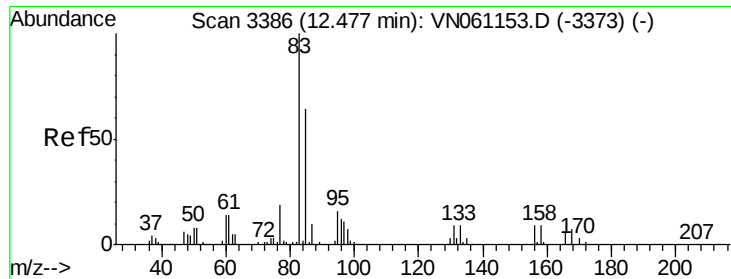
43 100

70 38.3 30.6 46.0

55 23.8 18.5 27.7

61 21.7 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.710 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampled :

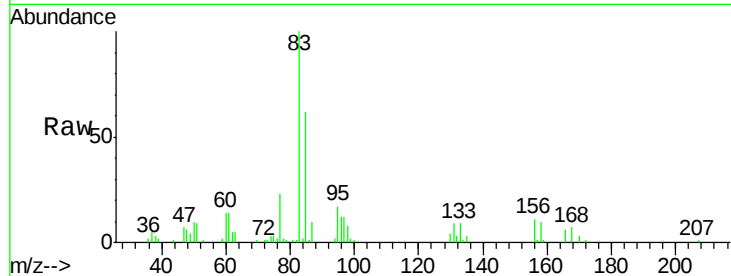
Tot Ion: 83 Resp: 41391

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.3

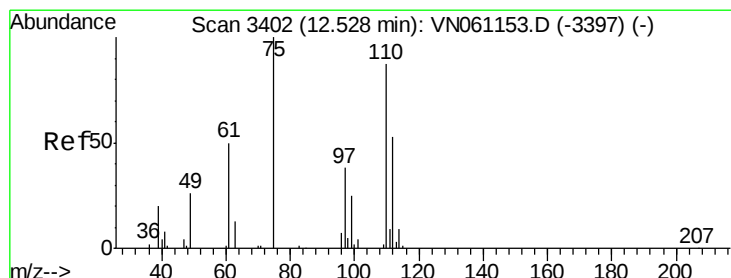
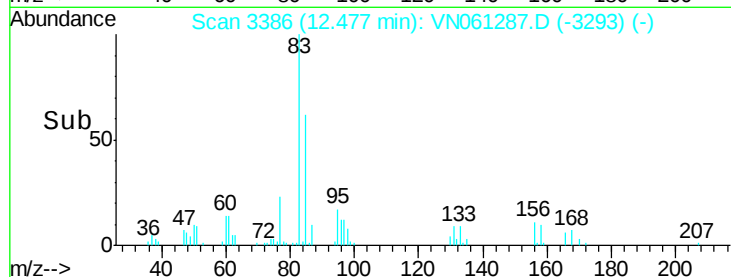
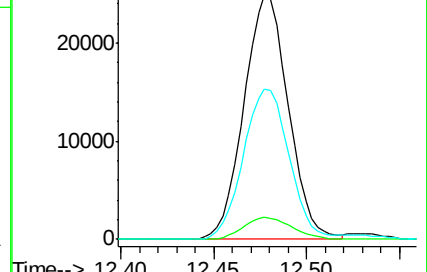
85 63.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061287.D (-3293) (-)

Ion 130.80 (130.50 to 131.50): VN061287.D (-3293) (-)

Ion 84.90 (84.60 to 85.60): VN061287.D (-3293) (-)



#76

1,2,3-Trichloropropane

Concen: 31.369 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061287.D

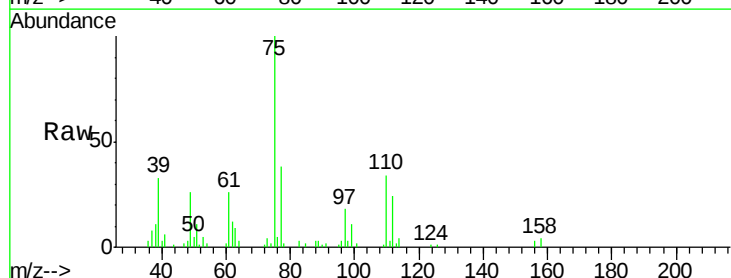
Acq: 5 May 2020 13:15

Tgt Ion: 75 Resp: 57662

Ion Ratio Lower Upper

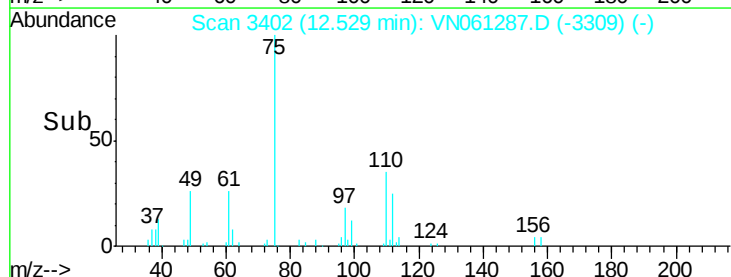
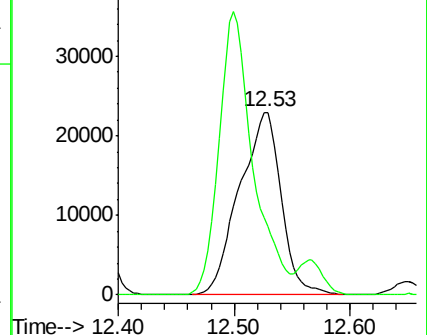
75 100

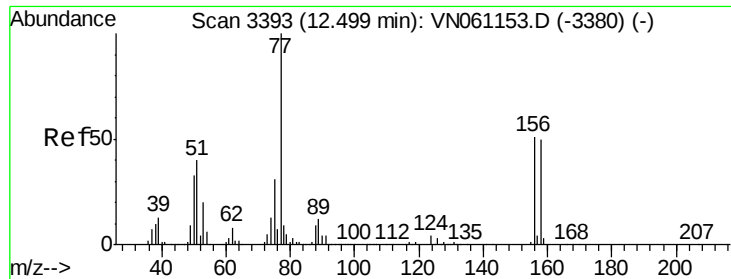
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061287.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061287.D (-3309) (-)





#77

Bromobenzene

Concen: 21.164 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampled :

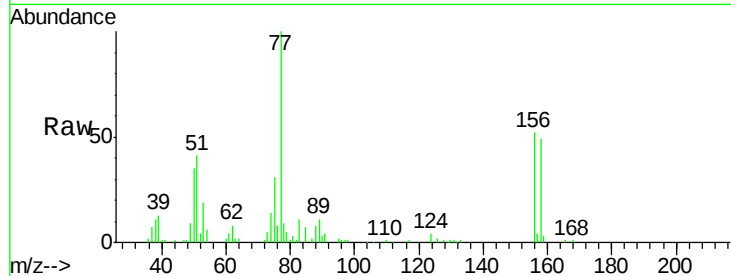
Tot Ion:156 Resp: 31315

Ion Ratio Lower Upper

156 100

77 233.2 117.4 352.2

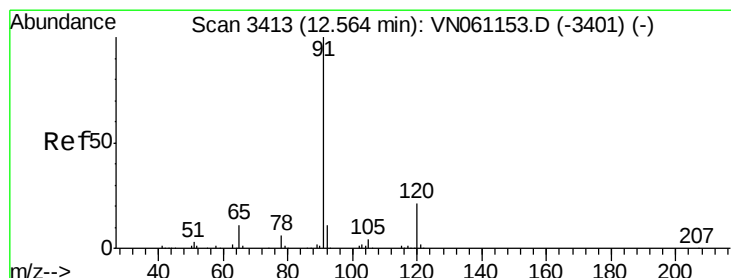
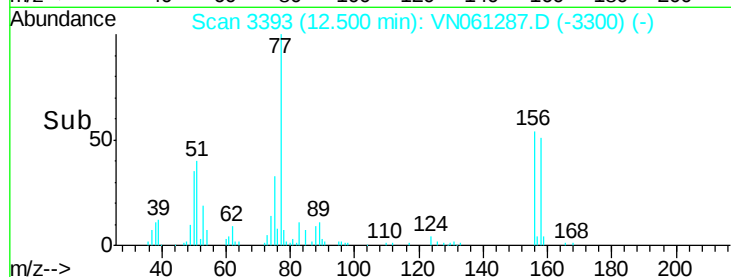
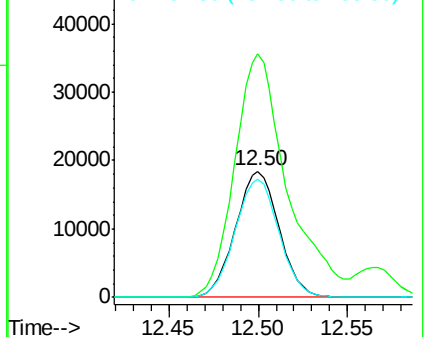
158 94.9 48.4 145.0



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: 21.149 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061287.D

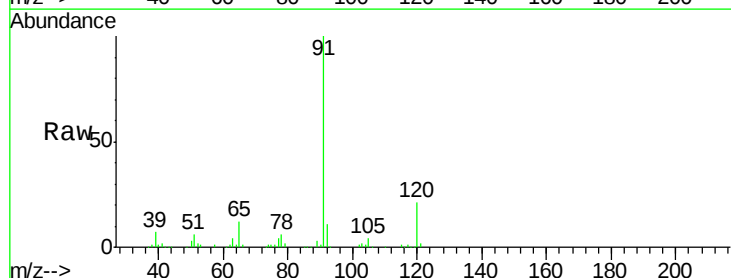
Acq: 5 May 2020 13:15

Tgt Ion: 91 Resp: 160787

Ion Ratio Lower Upper

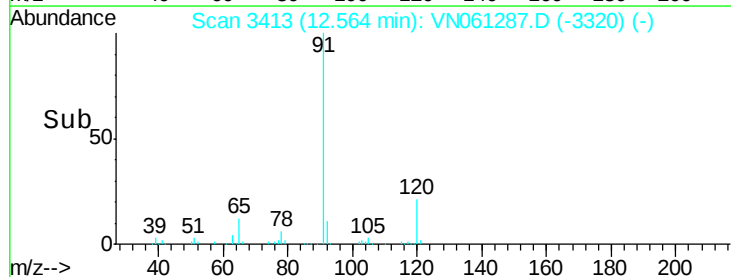
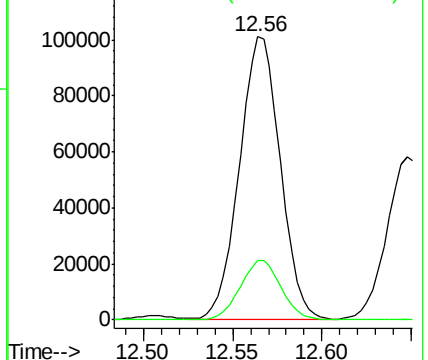
91 100

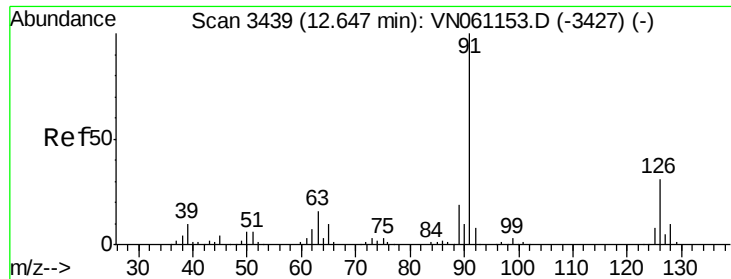
120 21.2 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

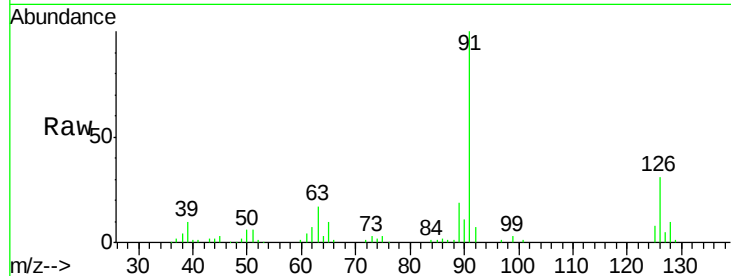




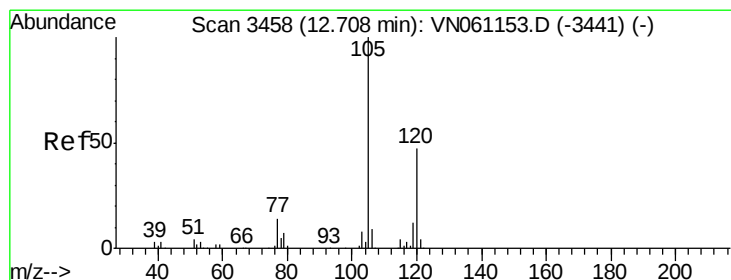
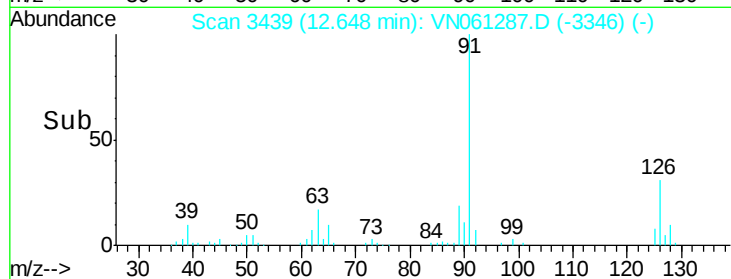
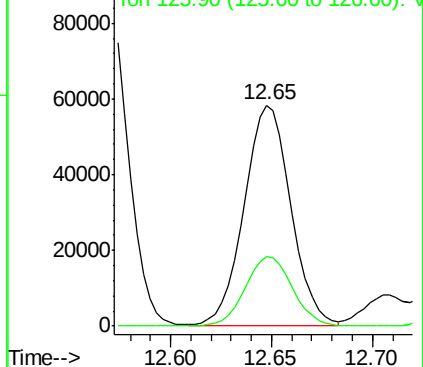
#79
 2-Chlorotoluene
 Concen: 21.026 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 93954
 Ion Ratio Lower Upper
 91 100
 126 31.9 15.9 47.7

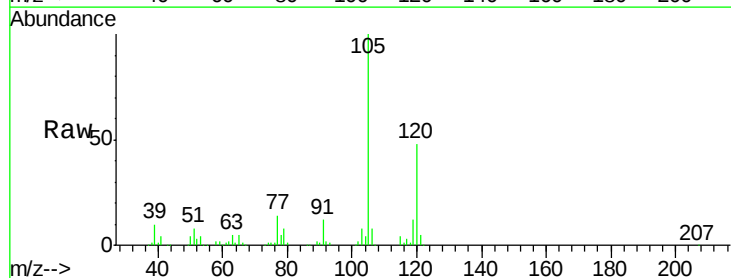


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)
 Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

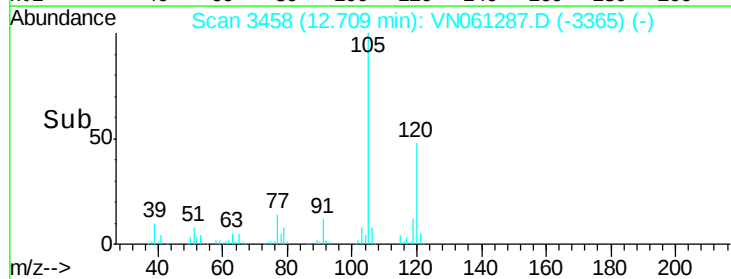
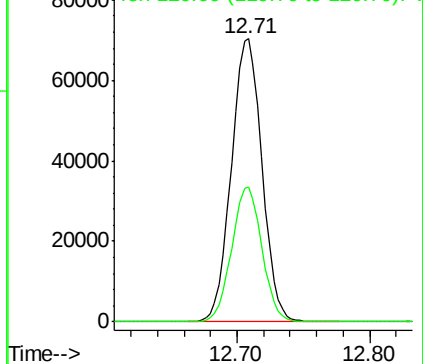


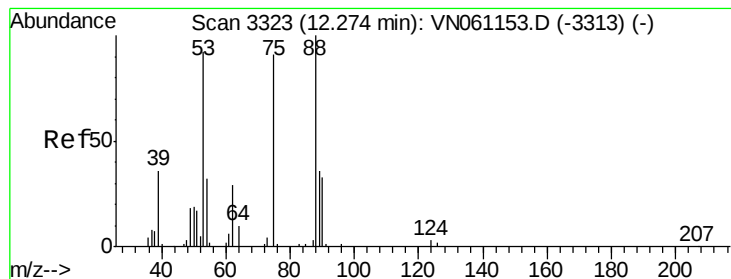
#80
 1,3,5-Trimethylbenzene
 Concen: 21.260 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Tgt Ion: 105 Resp: 112786
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.9 71.7



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





#81

trans-1,4-Dichloro-2-butene

Concen: 20.006 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

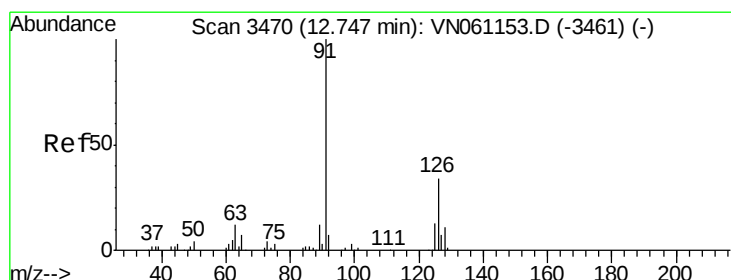
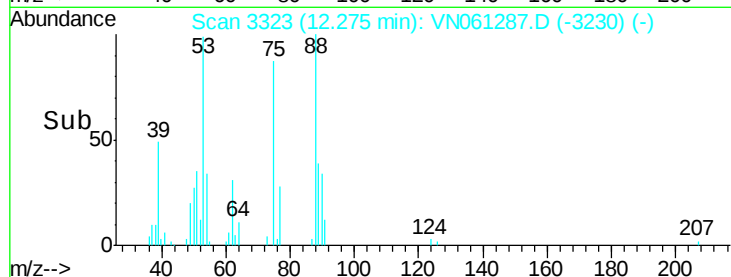
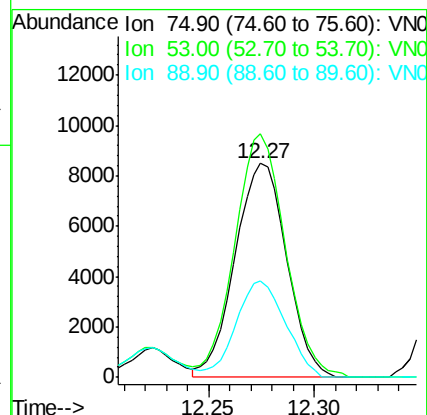
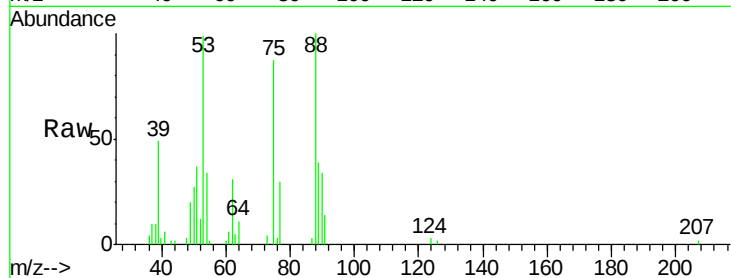
Tot Ion: 75 Resp: 14481

Ion Ratio Lower Upper

75 100

53 111.6 84.1 126.1

89 43.3 35.2 52.8



#82

4-Chlorotoluene

Concen: 21.367 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061287.D

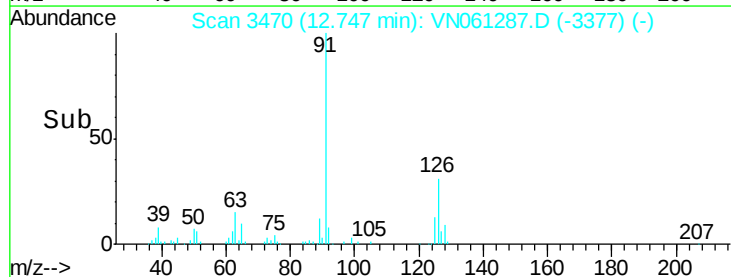
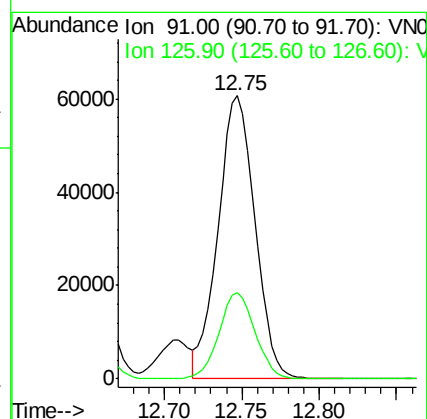
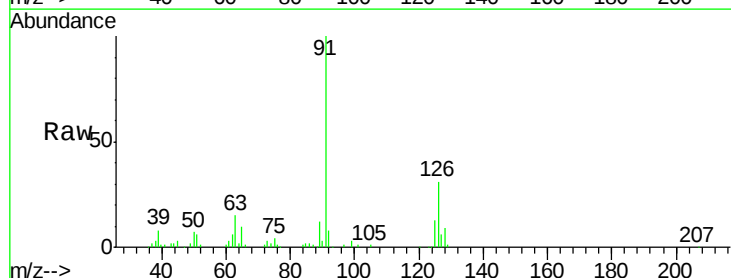
Acq: 5 May 2020 13:15

Tgt Ion: 91 Resp: 100631

Ion Ratio Lower Upper

91 100

126 29.7 15.7 47.1

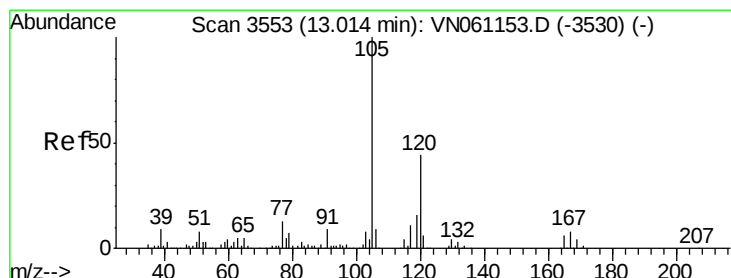
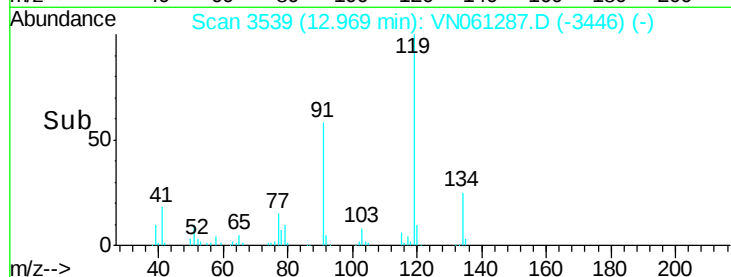
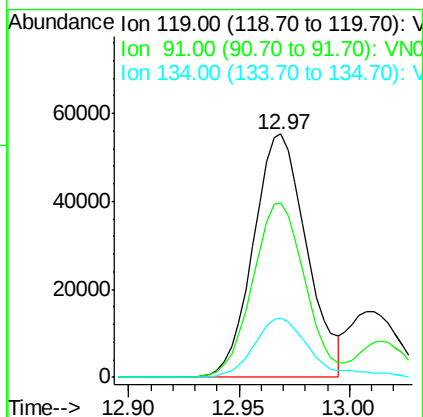
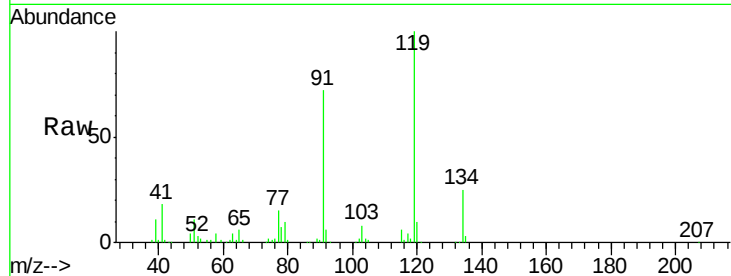




#83
 tert-Butylbenzene
 Concen: 20.740 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

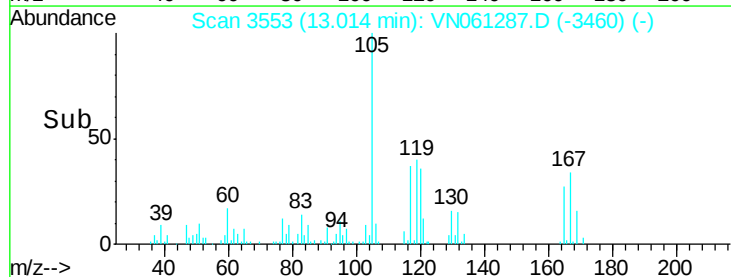
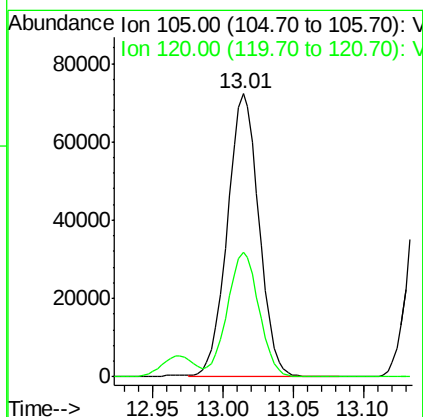
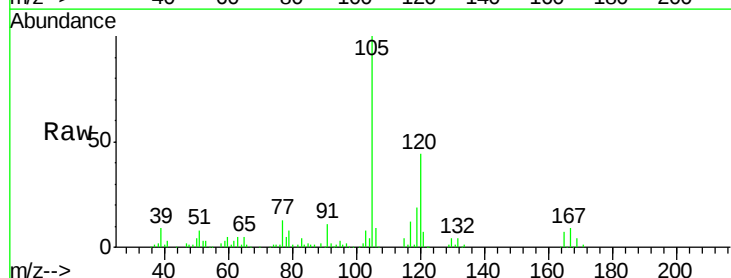
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 92776
 Ion Ratio Lower Upper
 119 100
 91 70.8 34.8 104.4
 134 25.8 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.771 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Tgt Ion:105 Resp: 113525
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.2 66.6

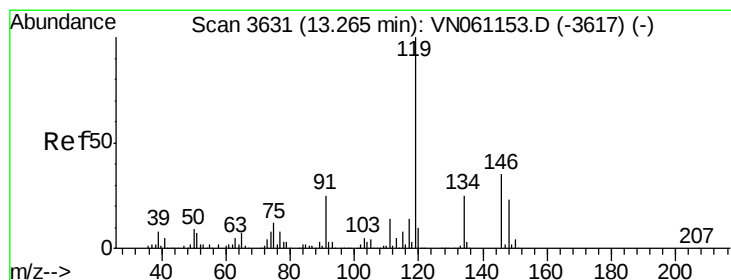
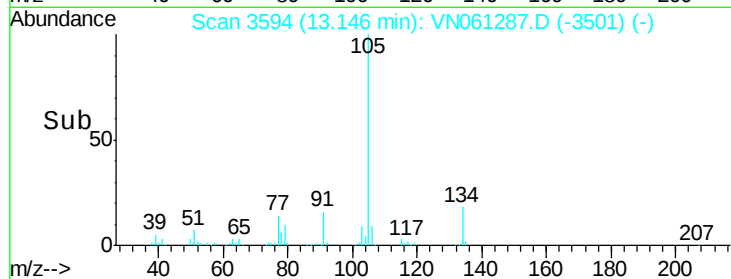
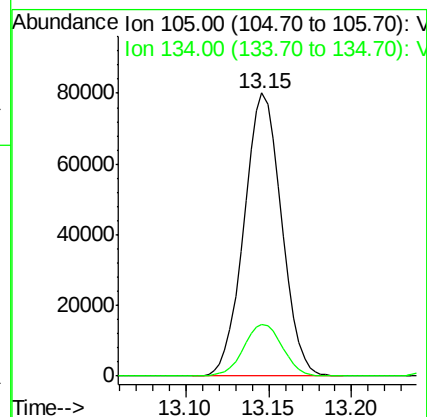
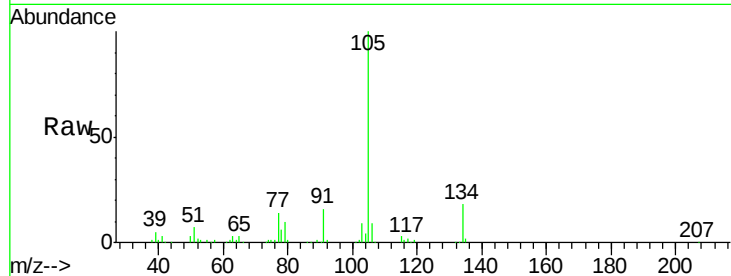




#85
 sec-Butylbenzene
 Concen: 20.660 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

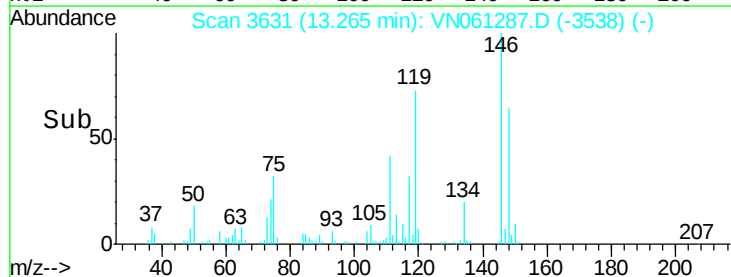
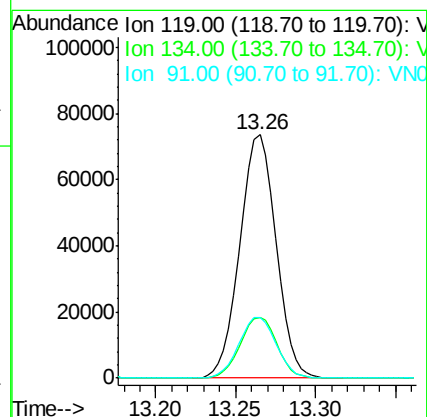
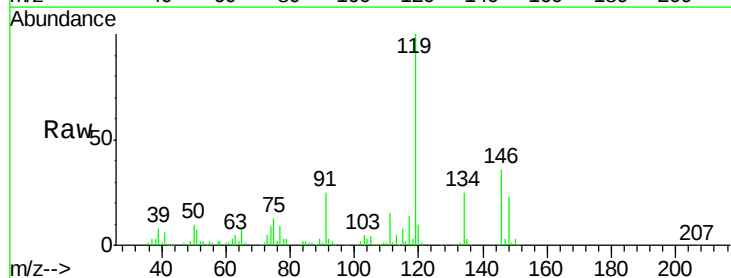
Instrument :
 MSVOA_N
 ClientSampled :

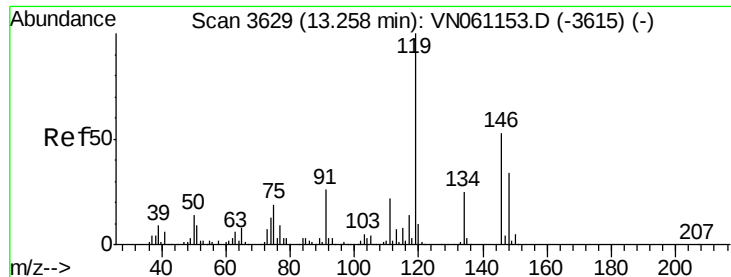
Tot Ion:105 Resp: 125995
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 20.653 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Tgt Ion:119 Resp: 113486
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.6
 91 25.8 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 20.773 ug/l

RT: 13.26 min Scan# 3628

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampled :

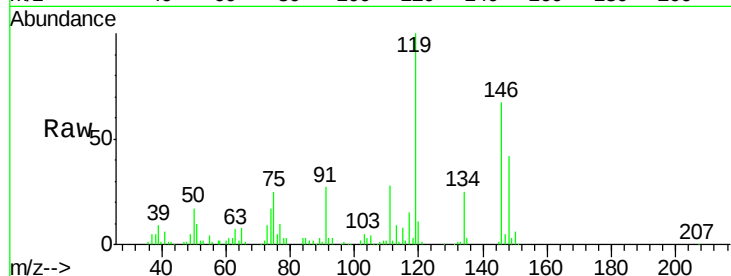
Tot Ion:146 Resp: 56584

Ion Ratio Lower Upper

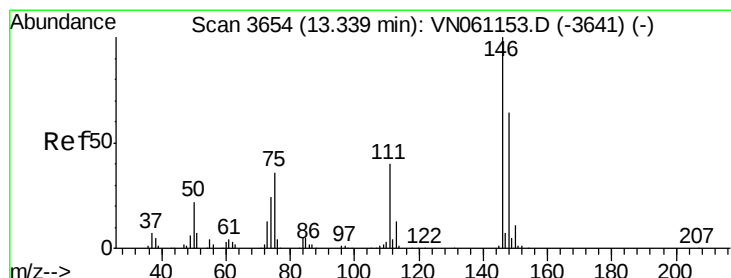
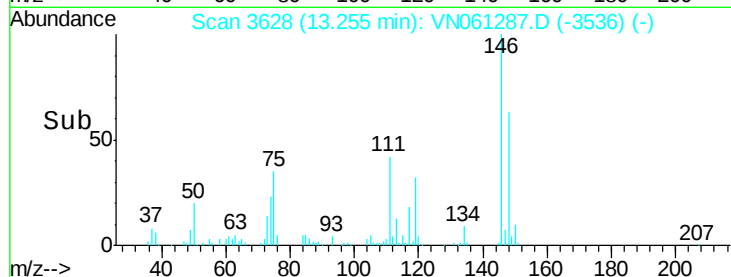
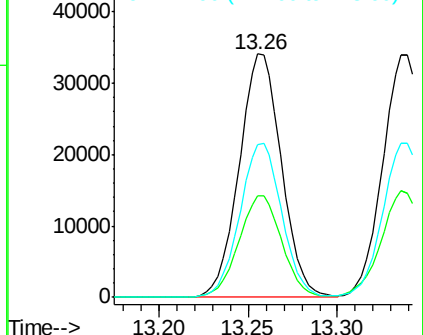
146 100

111 42.2 20.7 62.1

148 62.7 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 20.489 ug/l

RT: 13.34 min Scan# 3653

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

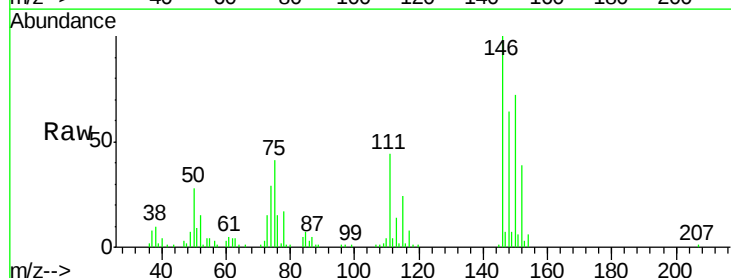
Tgt Ion:146 Resp: 57022

Ion Ratio Lower Upper

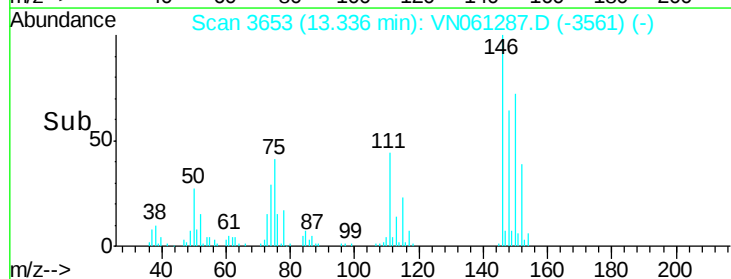
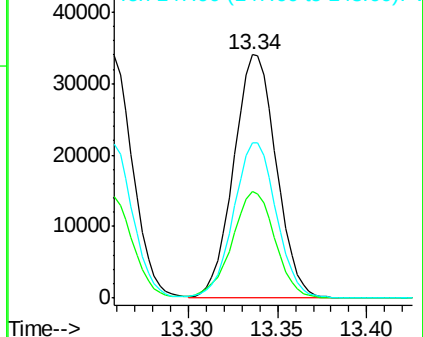
146 100

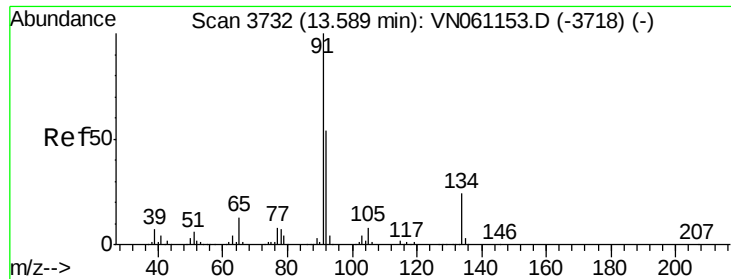
111 44.1 20.4 61.3

148 63.9 31.9 95.7



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

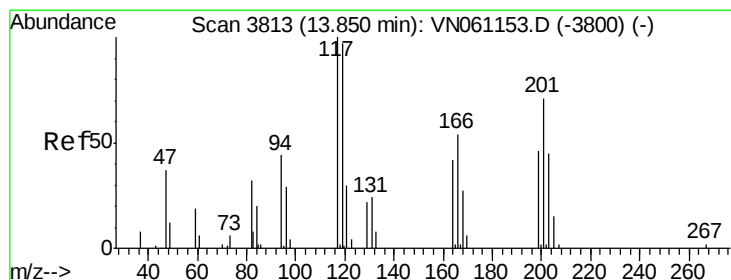
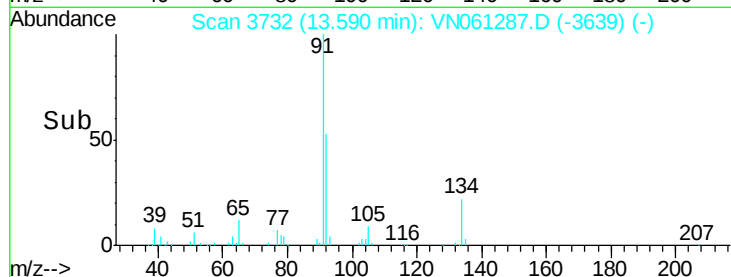
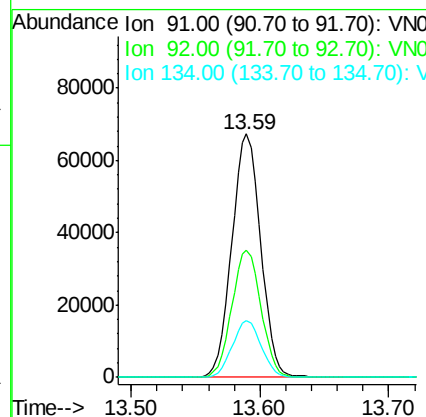
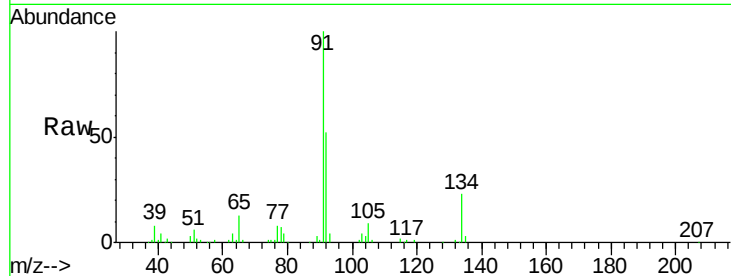




#89
n-Butylbenzene
Concen: 20.737 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

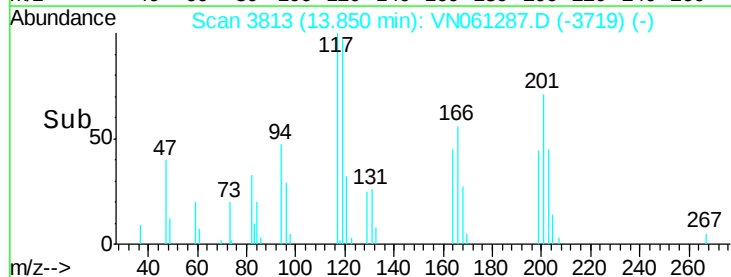
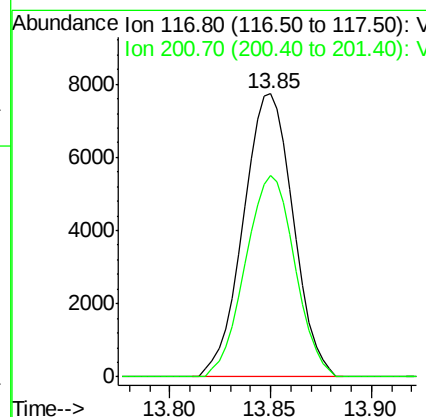
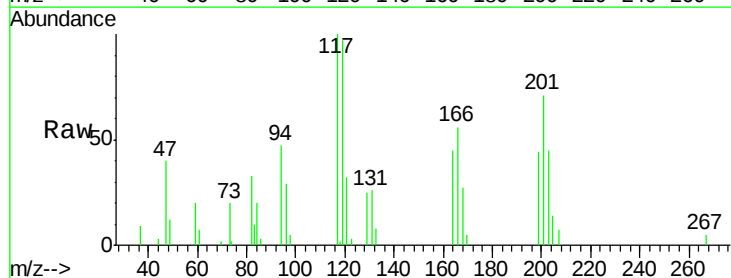
Instrument :
MSVOA_N
ClientSampled :

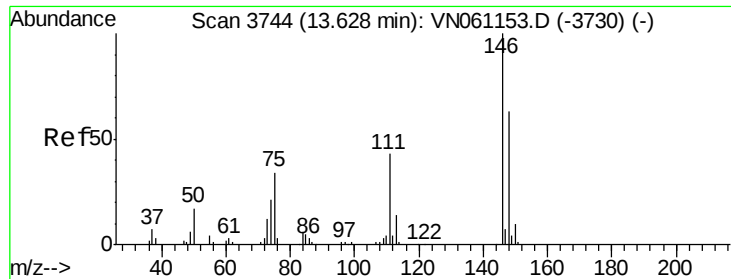
Tot Ion: 91 Resp: 104461
Ion Ratio Lower Upper
91 100
92 52.6 26.8 80.3
134 23.3 11.9 35.5



#90
Hexachloroethane
Concen: 27.418 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061287.D
Acq: 5 May 2020 13:15

Tgt Ion: 117 Resp: 13385
Ion Ratio Lower Upper
117 100
201 70.5 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 20.924 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

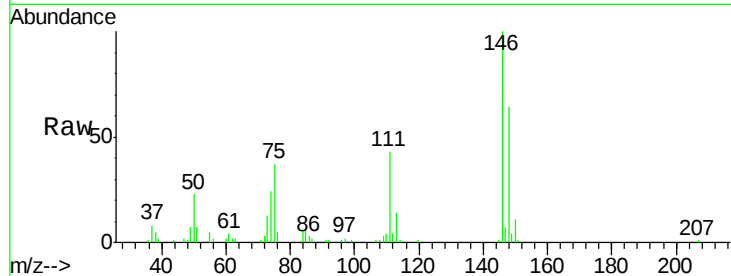
Tot Ion:146 Resp: 54649

Ion Ratio Lower Upper

146 100

111 43.7 21.8 65.3

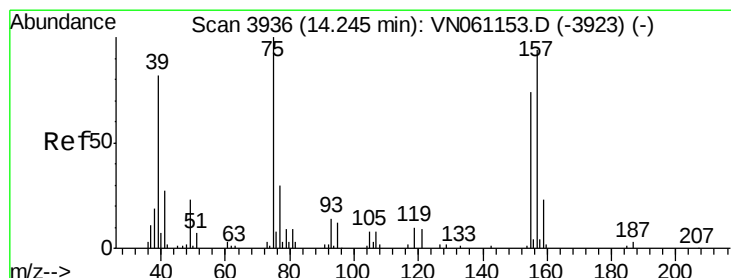
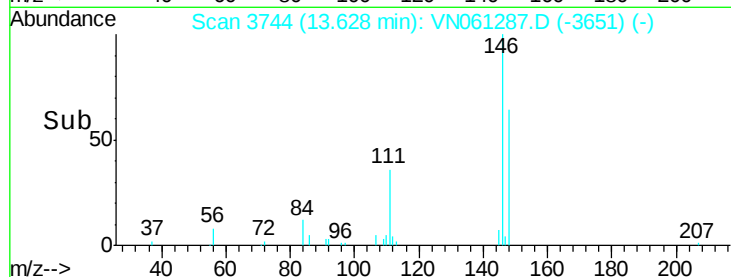
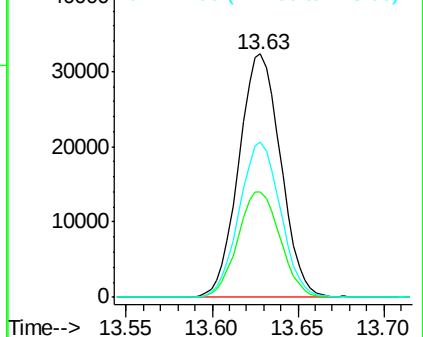
148 62.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.922 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

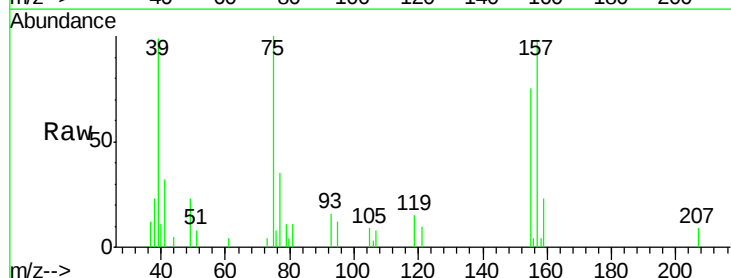
Tgt Ion: 75 Resp: 8409

Ion Ratio Lower Upper

75 100

155 69.1 36.5 109.7

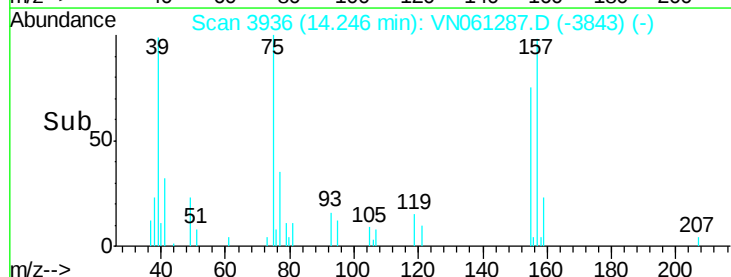
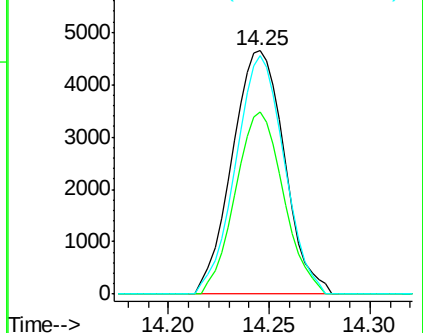
157 91.2 46.6 139.7



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

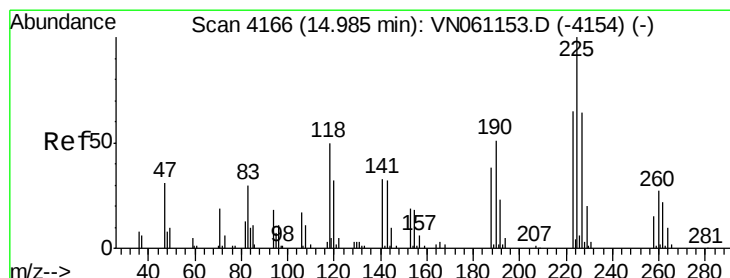
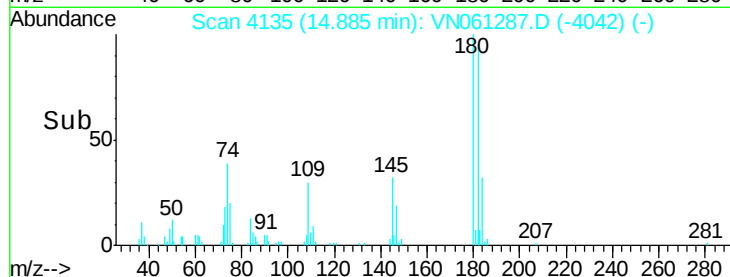
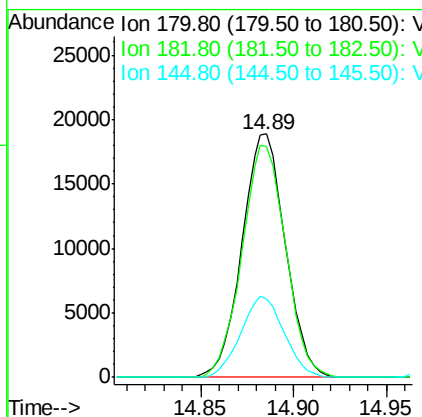
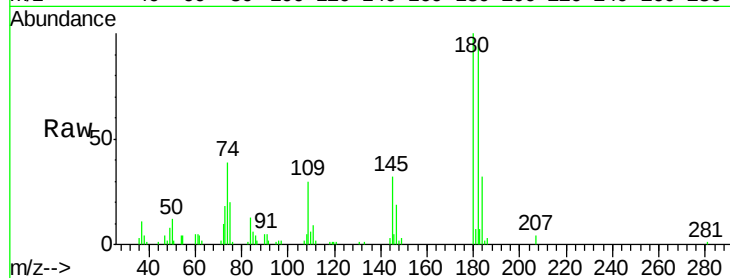




#93
 1,2,4-Trichlorobenzene
 Concen: 19.224 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

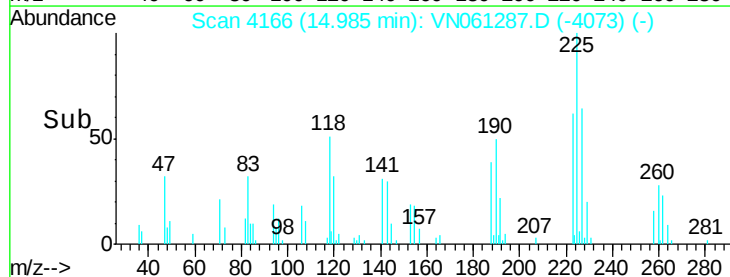
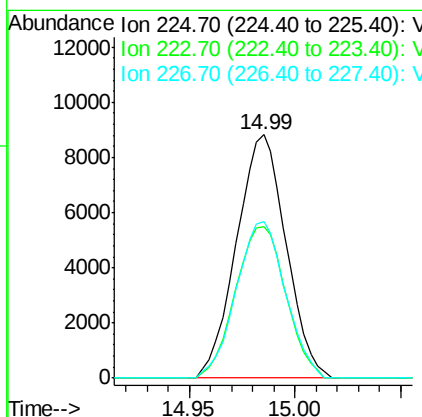
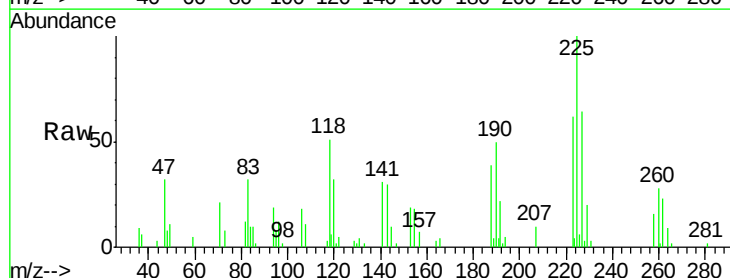
Instrument :
 MSVOA_N
 ClientSampled :

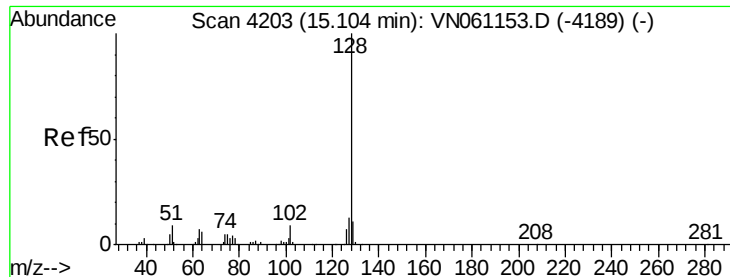
Tot Ion:180 Resp: 30574
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.3 141.9
 145 33.1 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 21.628 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061287.D
 Acq: 5 May 2020 13:15

Tgt Ion:225 Resp: 14370
 Ion Ratio Lower Upper
 225 100
 223 63.5 32.4 97.0
 227 63.8 32.4 97.0





#95

Naphthalene

Concen: 18.158 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

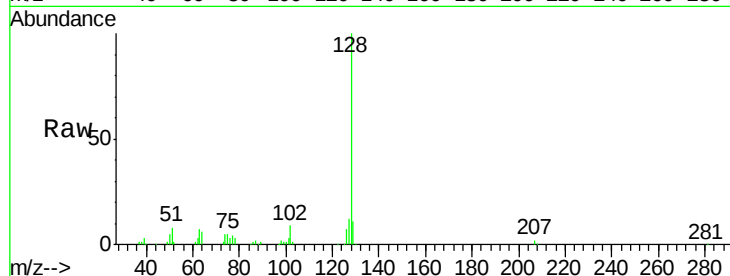
Tot Ion:128 Resp: 94048

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

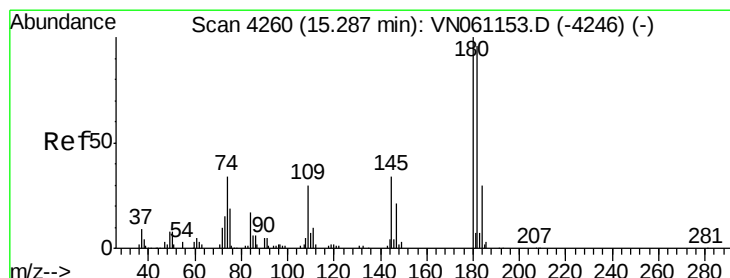
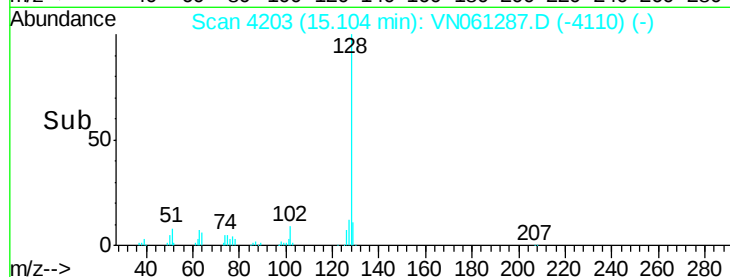
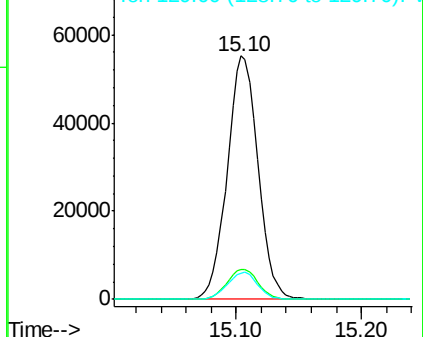
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.312 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

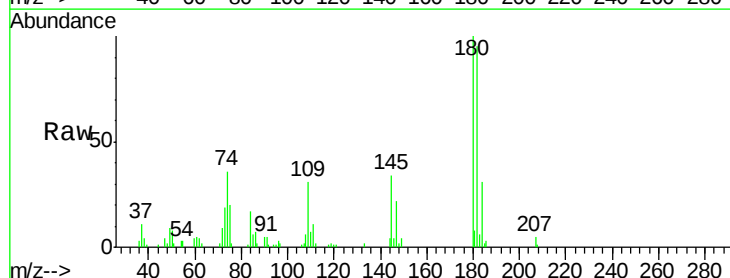
Tgt Ion:180 Resp: 30324

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.5

145 33.1 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

