

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061309.D
 Acq On : 6 May 2020 15:03
 Operator : JC/MD
 Sample : VN0506WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 03:10:00 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	7.63	168	108053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	186621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	168437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	77751	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	85604	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
35) Dibromofluoromethane	7.55	113	52696	47.75	ug/l	0.00
Spiked Amount			Recovery	=	95.50%	
50) Toluene-d8	10.06	98	221154	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	12.38	95	80830	47.75	ug/l	0.00
Spiked Amount			Recovery	=	95.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	16211	14.148	ug/l	99
3) Chloromethane	2.03	50	21175	15.259	ug/l	98
4) Vinyl Chloride	2.16	62	23790	15.093	ug/l	99
5) Bromomethane	2.54	94	10067	12.921	ug/l	98
6) Chloroethane	2.67	64	14849	14.863	ug/l	99
7) Trichlorofluoromethane	2.98	101	30337	17.060	ug/l	99
8) Diethyl Ether	3.37	74	11662	15.723	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	17164	14.982	ug/l	99
10) Methyl Iodide	3.91	142	18737	12.726	ug/l	99
11) Tert butyl alcohol	4.73	59	14301	62.441	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	16469	14.446	ug/l	97
13) Acrolein	3.56	56	10139	66.430	ug/l	100
14) Allyl chloride	4.27	41	34475	16.309	ug/l	98
15) Acrylonitrile	4.93	53	50820	72.283	ug/l	99
16) Acetone	3.77	43	50592	72.591	ug/l	99
17) Carbon Disulfide	4.01	76	41817	13.279	ug/l	100
18) Methyl Acetate	4.28	43	27529	13.261	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	62777	14.411	ug/l	99
20) Methylene Chloride	4.50	84	19029	14.273	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	17704	14.261	ug/l	98
22) Diisopropyl ether	5.90	45	72075	14.704	ug/l	98
23) Vinyl Acetate	5.84	43	281726	71.380	ug/l	98
24) 1,1-Dichloroethane	5.80	63	37416	14.609	ug/l	98
25) 2-Butanone	6.79	43	71491	70.664	ug/l	99
26) 2,2-Dichloropropane	6.77	77	34339	15.918	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	20561	14.114	ug/l	97
28) Bromochloromethane	7.15	49	26895	22.156	ug/l	98
29) Tetrahydrofuran	7.17	42	46720	68.554	ug/l	98
30) Chloroform	7.33	83	37324	14.381	ug/l	98
31) Cyclohexane	7.62	56	32065	12.892	ug/l #	90
32) 1,1,1-Trichloroethane	7.53	97	31965	14.143	ug/l	99
36) 1,1-Dichloropropene	7.75	75	26824	14.358	ug/l	99
37) Ethyl Acetate	6.88	43	29945	13.673	ug/l	99
38) Carbon Tetrachloride	7.73	117	23092	15.215	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	25351	12.100	ug/l	97
40) Benzene	8.00	78	78871	14.171	ug/l	99
41) Methacrylonitrile	7.12	41	11056	12.158	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	32521	15.424	ug/l	98
43) Isopropyl Acetate	8.13	43	50321	13.844	ug/l	99
44) Trichloroethene	8.80	130	20035	13.316	ug/l	100
45) 1,2-Dichloropropane	9.08	63	21371	14.373	ug/l	96
46) Dibromomethane	9.17	93	13405	14.560	ug/l	99
47) Bromodichloromethane	9.37	83	28790	14.569	ug/l	98
48) Methyl methacrylate	9.17	41	23385	14.258	ug/l	95
49) 1,4-Dioxane	9.17	88	3949	212.106	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	151311	70.724	ug/l	99
52) Toluene	10.12	92	47097	14.049	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	31788	14.276	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	33804	14.360	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	18869	14.111	ug/l	97
56) Ethyl methacrylate	10.40	69	28541	14.308	ug/l	97
57) 1,3-Dichloropropane	10.68	76	34648	14.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	66989	61.891	ug/l	100
59) 2-Hexanone	10.72	43	106771	68.597	ug/l	99
60) Dibromochloromethane	10.87	129	19440	13.881	ug/l	99
61) 1,2-Dibromoethane	10.98	107	18614	13.888	ug/l	98
64) Tetrachloroethene	10.60	164	18661	12.792	ug/l	97
65) Chlorobenzene	11.41	112	48736	14.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	17903	14.971	ug/l	98
67) Ethyl Benzene	11.48	91	89905	14.374	ug/l	100
68) m/p-Xylenes	11.60	106	65216	28.486	ug/l	97
69) o-Xylene	11.92	106	30690	13.955	ug/l	95
70) Styrene	11.94	104	51294	13.936	ug/l	98
71) Bromoform	12.10	173	12549	14.278	ug/l #	97
73) Isopropylbenzene	12.22	105	83852	14.670	ug/l	100
74) N-amyl acetate	12.04	43	41107	14.202	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	27349	15.345	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	36930	22.529	ug/l #	100
77) Bromobenzene	12.50	156	19509	14.786	ug/l	96
78) n-propylbenzene	12.57	91	99048	14.610	ug/l	100
79) 2-Chlorotoluene	12.65	91	59145	14.842	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	69127	14.612	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	9431	14.611	ug/l	97
82) 4-Chlorotoluene	12.75	91	62693	14.927	ug/l	98
83) tert-Butylbenzene	12.97	119	56742	14.225	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	69558	14.271	ug/l	99
85) sec-Butylbenzene	13.15	105	75008	13.792	ug/l	100
86) p-Isopropyltoluene	13.26	119	66731	13.618	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	35195	14.489	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	35325	14.233	ug/l	97
89) n-Butylbenzene	13.59	91	60292	13.422	ug/l	98
90) Hexachloroethane	13.85	117	8110	21.074	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	34641	14.873	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	5343	14.194	ug/l	97

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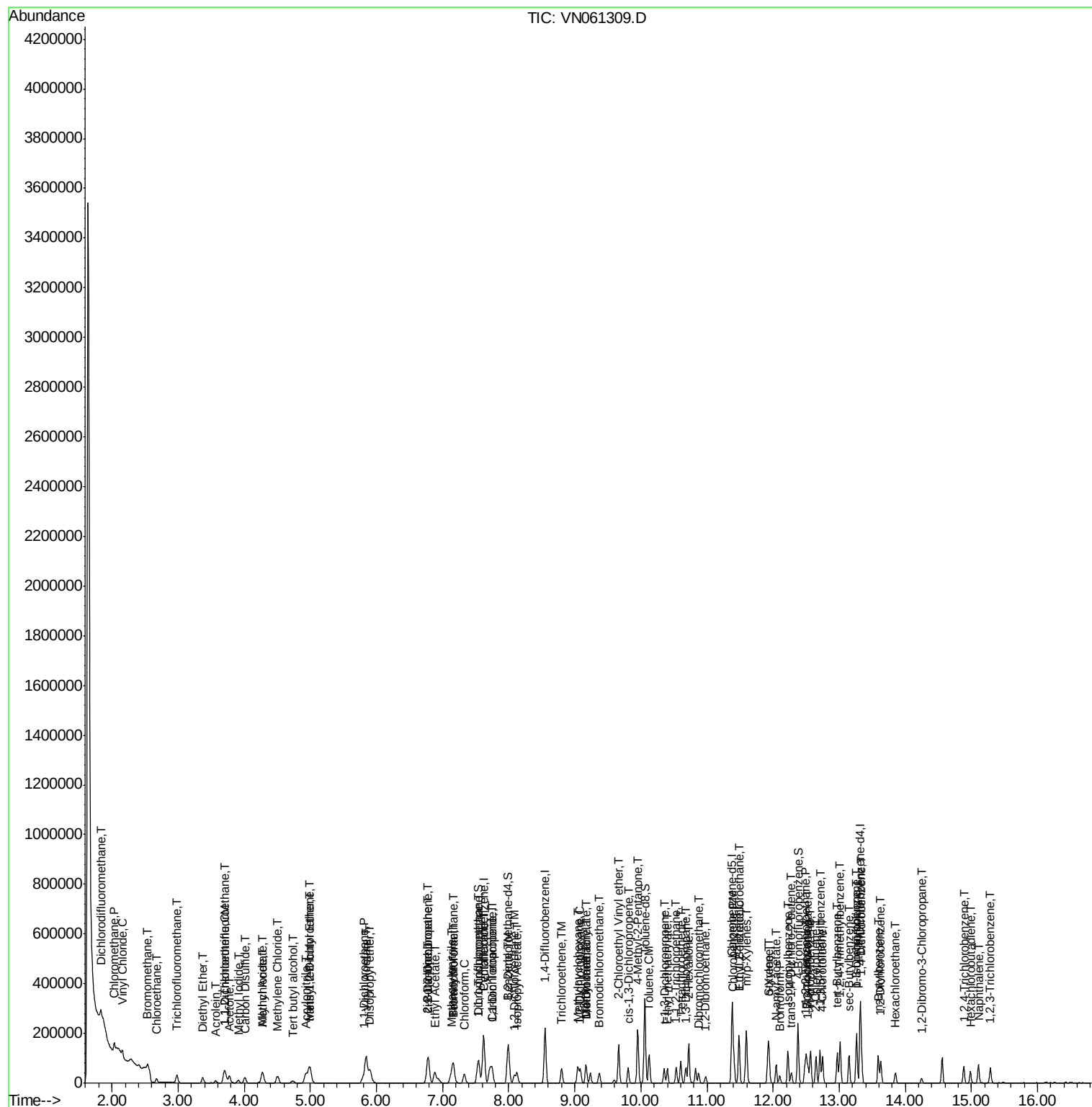
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	18330	12.924	ug/l	98
94) Hexachlorobutadiene	14.99	225	8332	14.062	ug/l	96
95) Naphthalene	15.11	128	58135	12.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	18432	13.163	ug/l	99

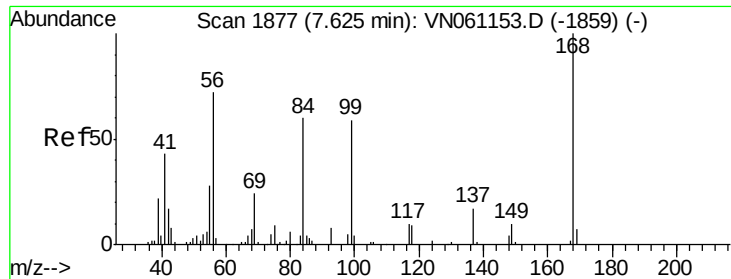
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

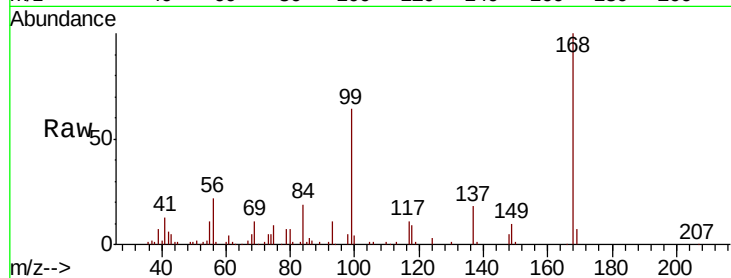
ClientSampleId :

Tot Ion:168 Resp: 108053

Ion Ratio Lower Upper

168 100

99 63.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

50000

40000

30000

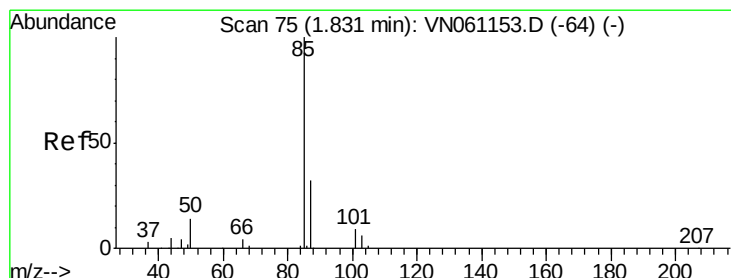
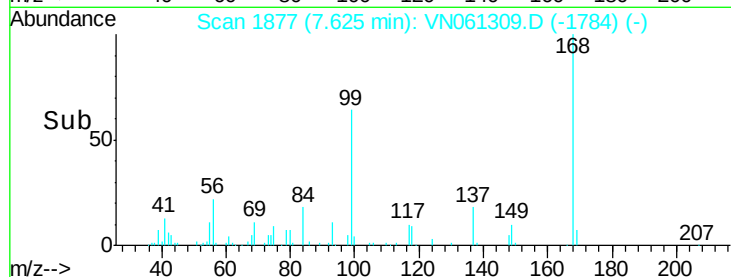
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 14.148 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061309.D

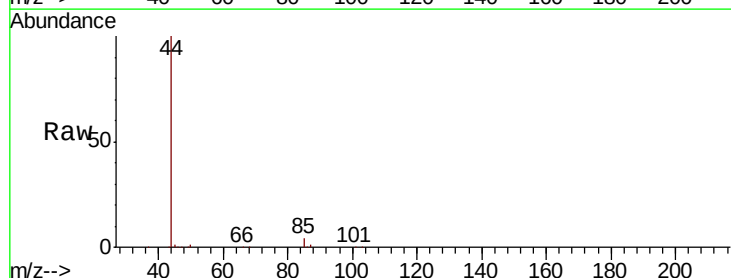
Acq: 6 May 2020 15:03

Tgt Ion: 85 Resp: 16211

Ion Ratio Lower Upper

85 100

87 31.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

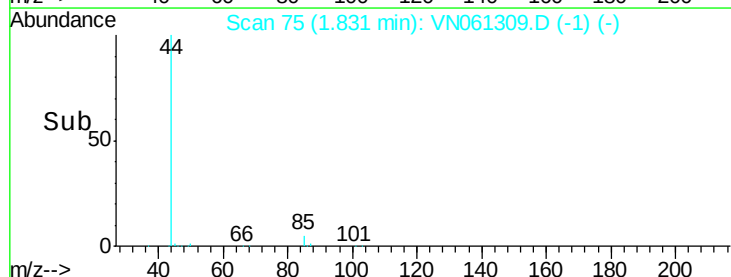
10000

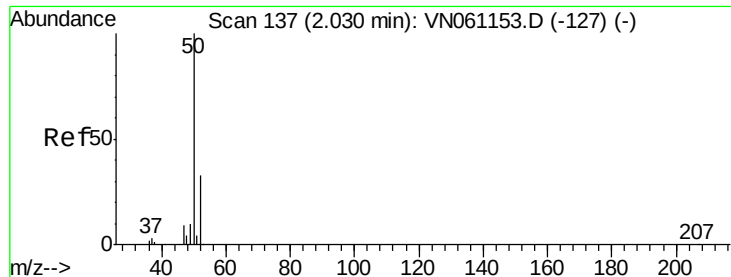
5000

0

1.80 1.85

Time-->





#3

Chloromethane

Concen: 15.259 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

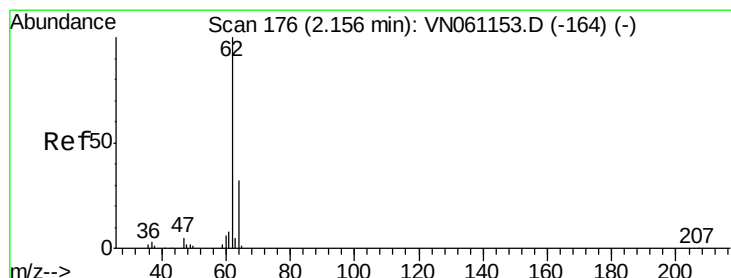
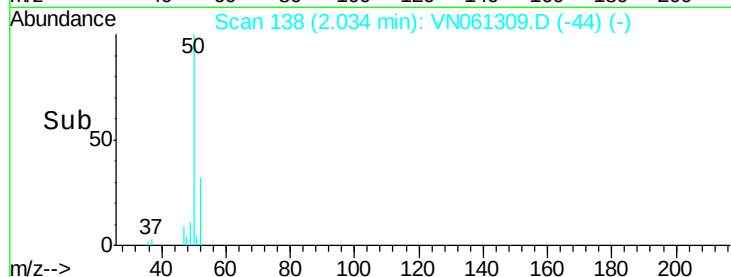
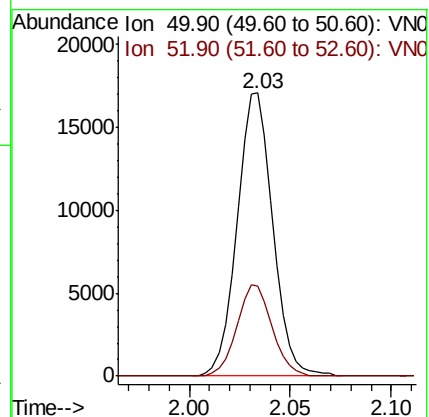
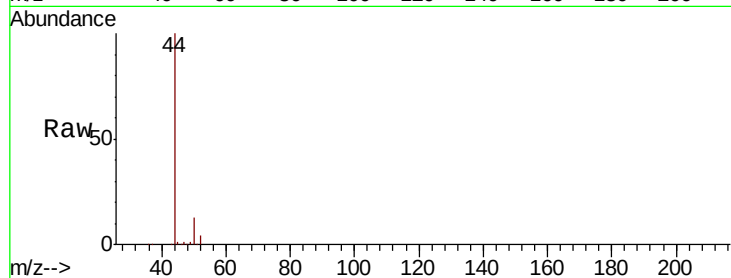
ClientSampleId :

Tot Ion: 50 Resp: 21175

Ion Ratio Lower Upper

50 100

52 31.6 26.0 39.0



#4

Vinyl Chloride

Concen: 15.093 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061309.D

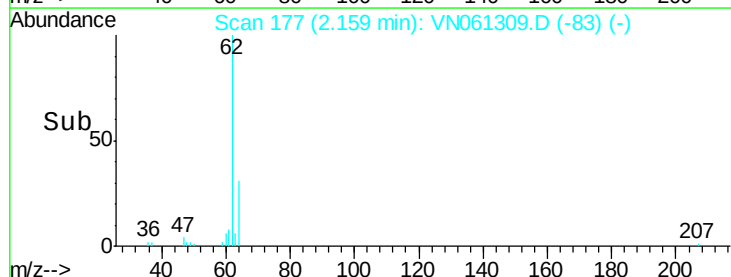
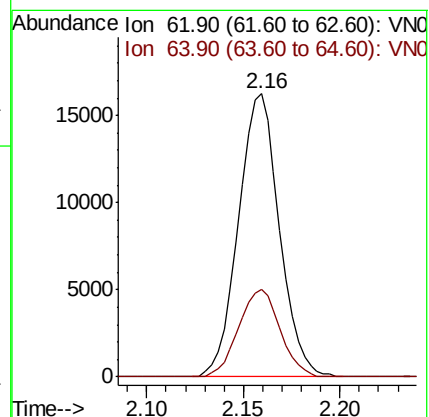
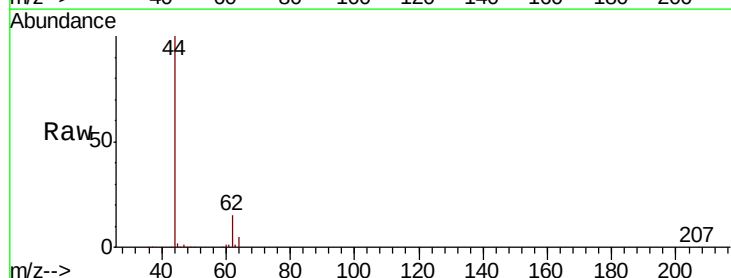
Acq: 6 May 2020 15:03

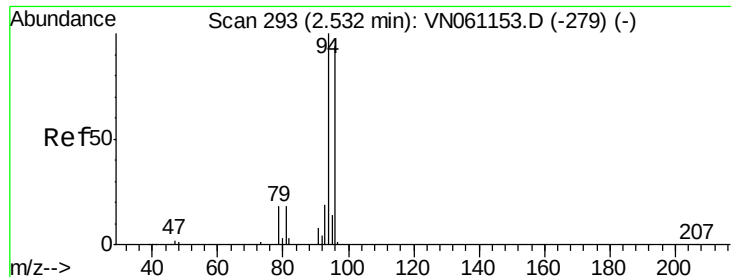
Tgt Ion: 62 Resp: 23790

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 12.921 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

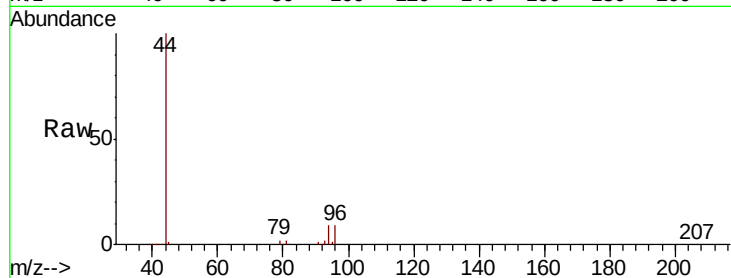
ClientSampled :

Tot Ion: 94 Resp: 10067

Ion Ratio Lower Upper

94 100

96 95.5 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN061309.D (-200) (-)

Ion 95.90 (95.60 to 96.60): VN061309.D (-200) (-)

2.54

6000

5000

4000

3000

2000

1000

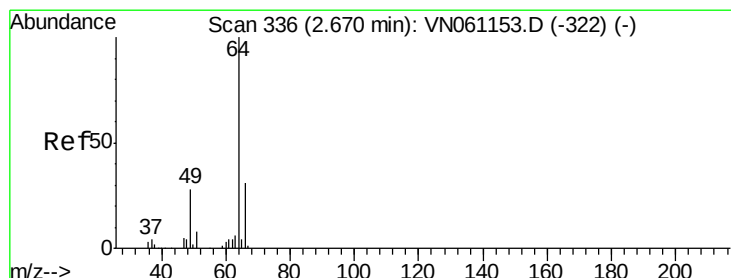
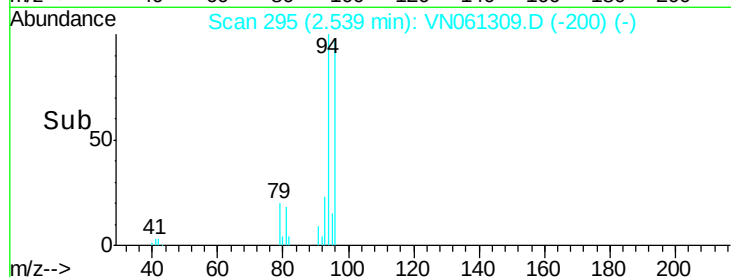
0

Time-->

2.50

2.55

2.60



#6

Chloroethane

Concen: 14.863 ug/l

RT: 2.67 min Scan# 337

Delta R.T. 0.00 min

Lab File: VN061309.D

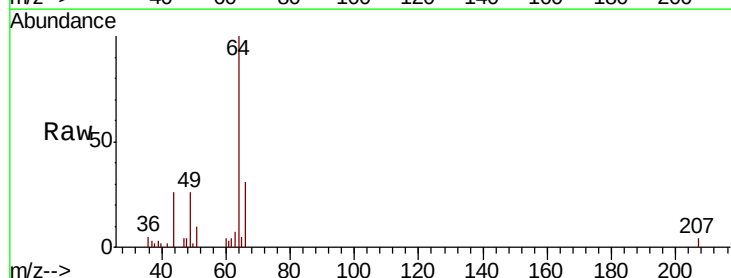
Acq: 6 May 2020 15:03

Tgt Ion: 64 Resp: 14849

Ion Ratio Lower Upper

64 100

66 31.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN061309.D (-243) (-)

Ion 65.90 (65.60 to 66.60): VN061309.D (-243) (-)

2.67

8000

6000

4000

2000

0

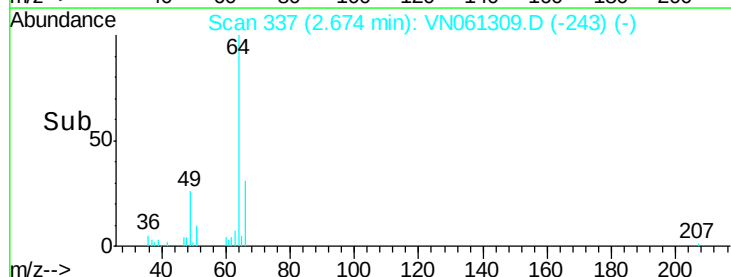
Time-->

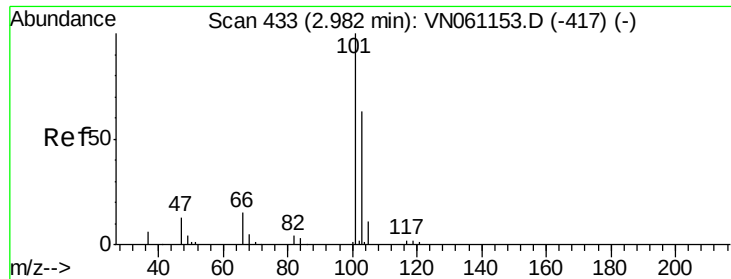
2.60

2.65

2.70

2.75



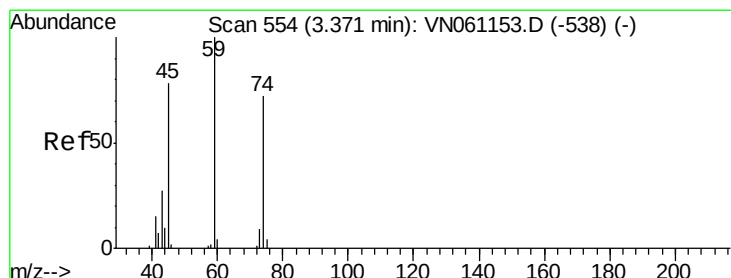
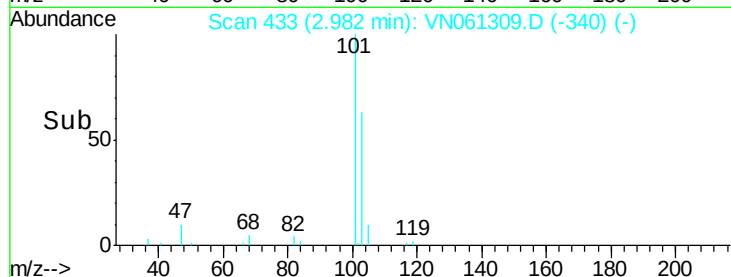
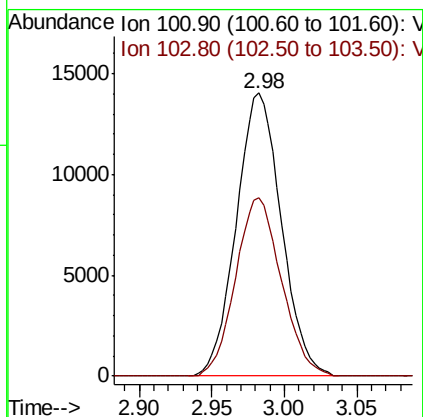
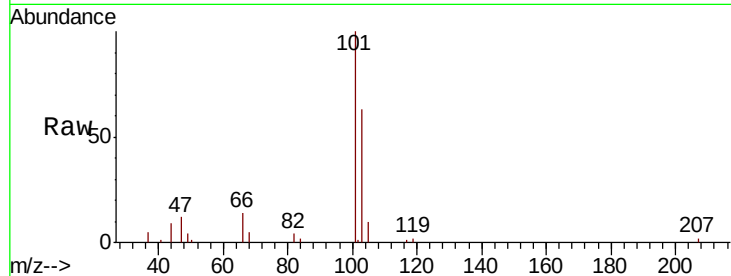


#7

Trichlorofluoromethane
Concen: 17.060 ug/l
RT: 2.98 min Scan# 433
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Instrument :
MSVOA_N
ClientSampleId :

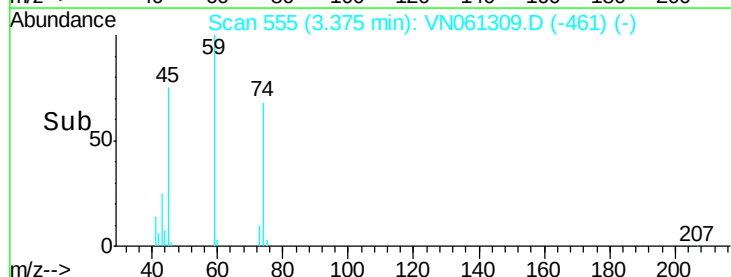
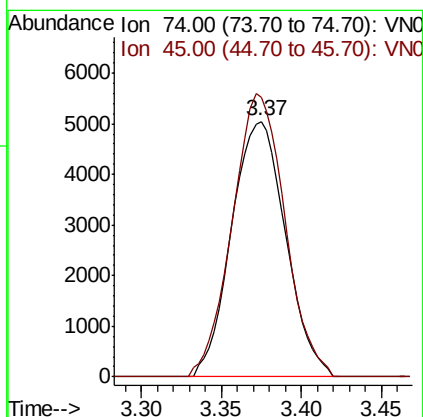
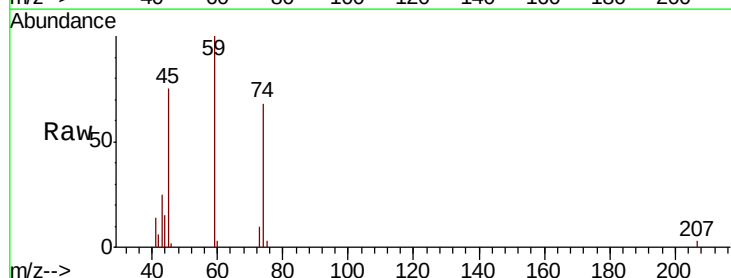
Tot Ion:101 Resp: 30337
Ion Ratio Lower Upper
101 100
103 62.9 50.6 76.0

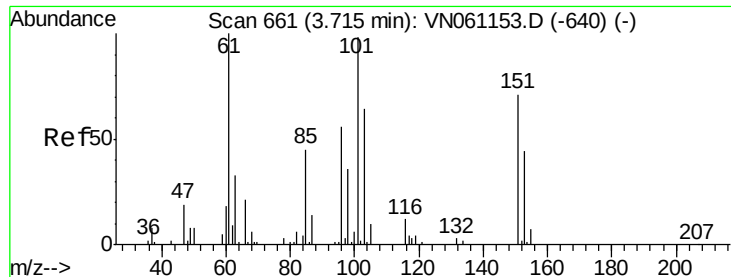


#8

Diethyl Ether
Concen: 15.723 ug/l
RT: 3.37 min Scan# 555
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion: 74 Resp: 11662
Ion Ratio Lower Upper
74 100
45 108.0 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.982 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

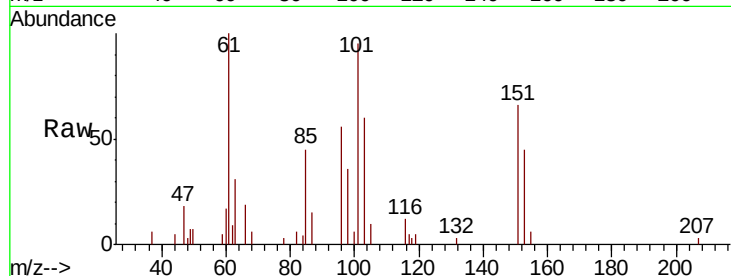
Tot Ion:101 Resp: 17164

Ion Ratio Lower Upper

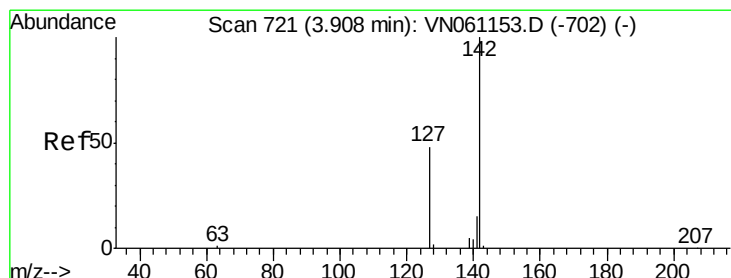
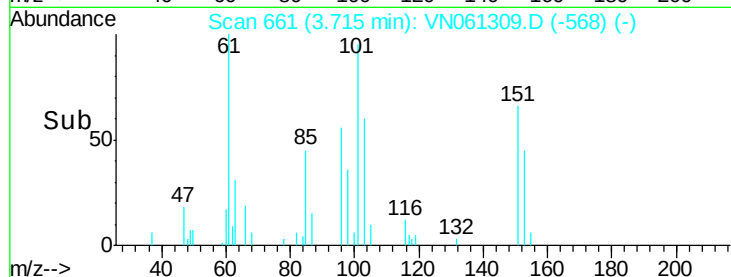
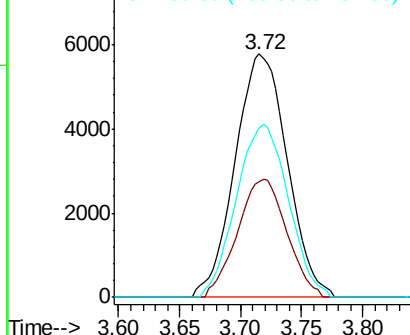
101 100

85 45.8 37.2 55.8

151 71.0 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: 12.726 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

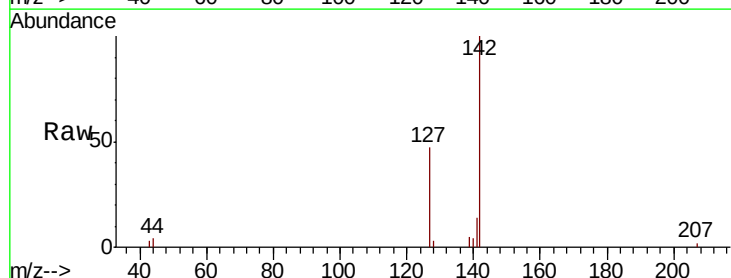
Tgt Ion:142 Resp: 18737

Ion Ratio Lower Upper

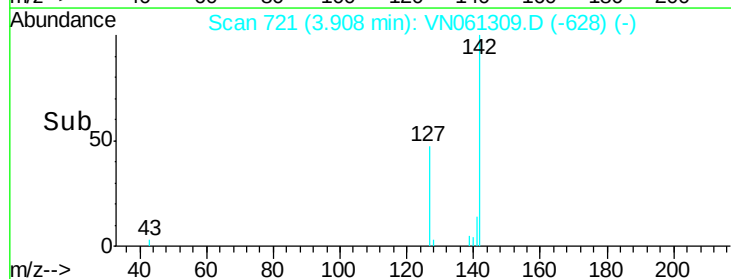
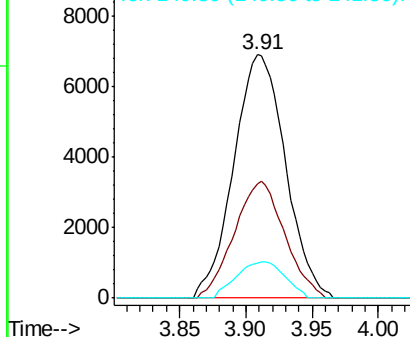
142 100

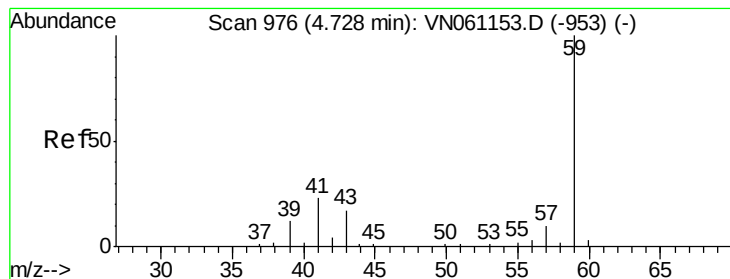
127 46.8 38.0 57.0

141 14.0 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



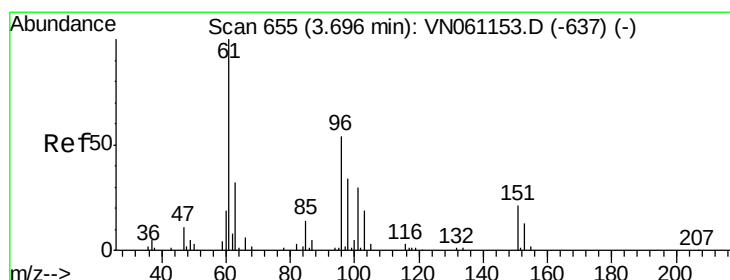
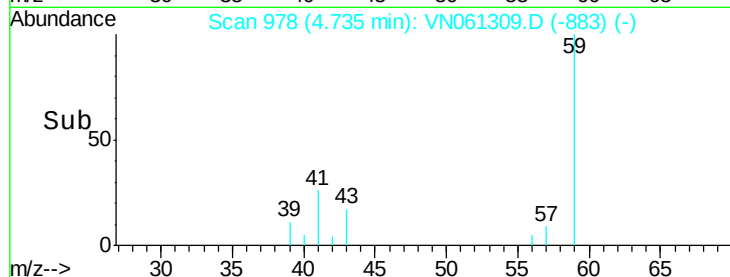
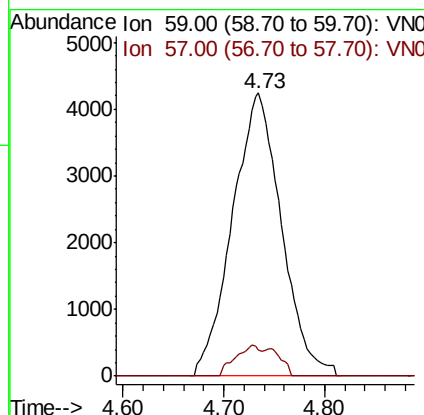
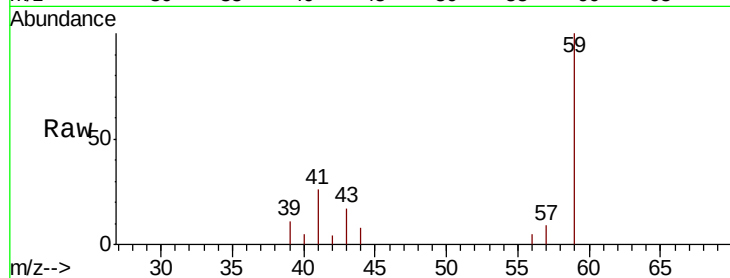


#11

Tert butyl alcohol
 Concen: 62.441 ug/l
 RT: 4.73 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Instrument :
 MSVOA_N
 ClientSampled :

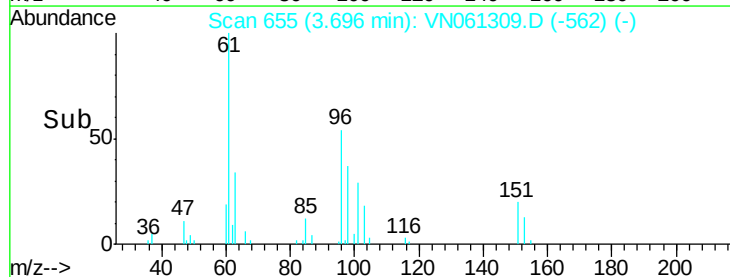
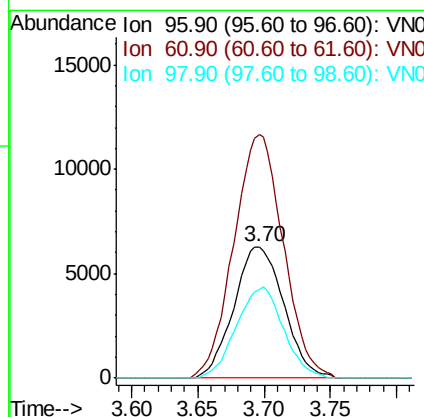
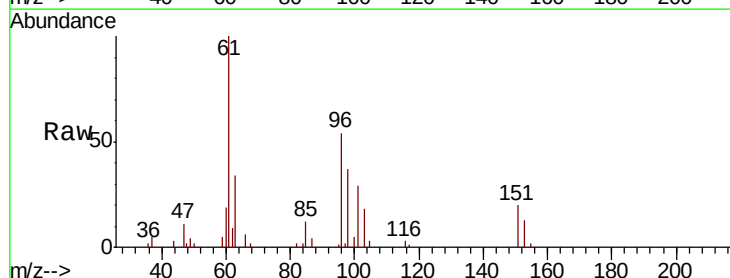
Tot Ion: 59 Resp: 14301
 Ion Ratio Lower Upper
 59 100
 57 5.8 8.3 12.5#

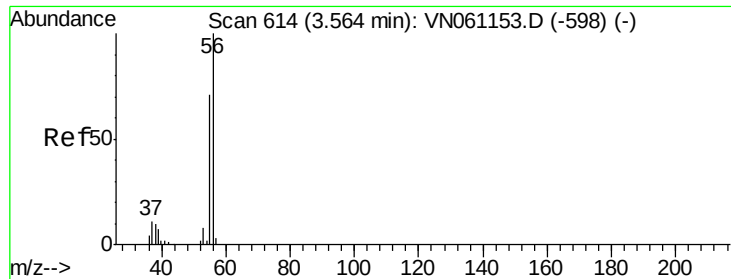


#12

1,1-Dichloroethene
 Concen: 14.446 ug/l
 RT: 3.70 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Tgt Ion: 96 Resp: 16469
 Ion Ratio Lower Upper
 96 100
 61 185.8 147.0 220.6
 98 68.1 49.8 74.6

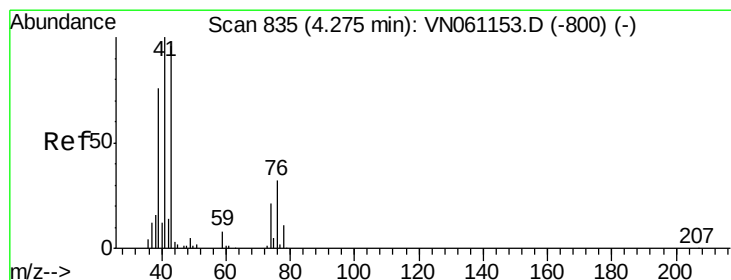
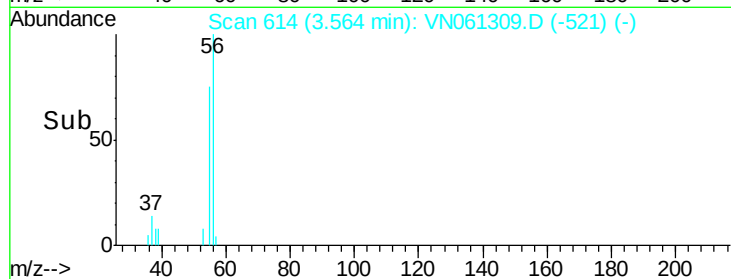
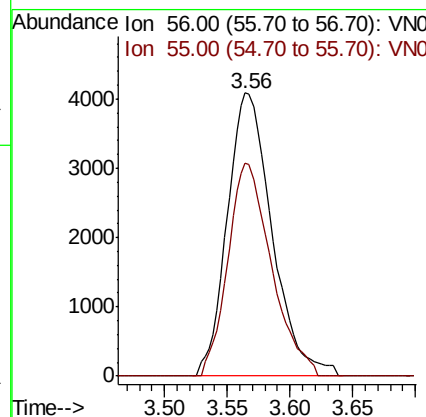
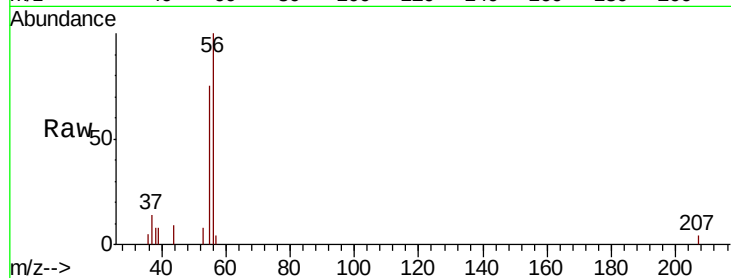




#13
 Acrolein
 Concen: 66.430 ug/l
 RT: 3.56 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

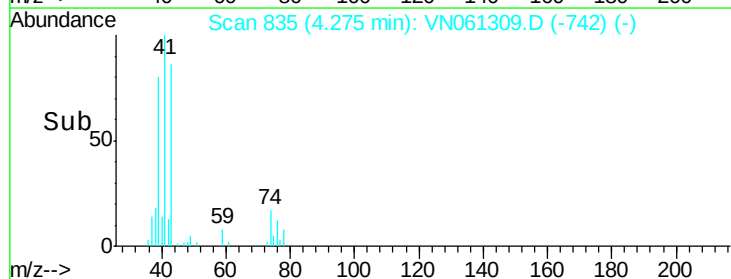
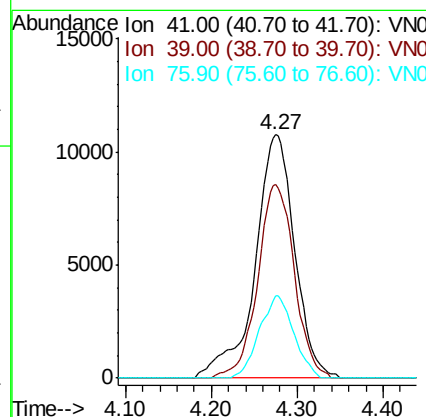
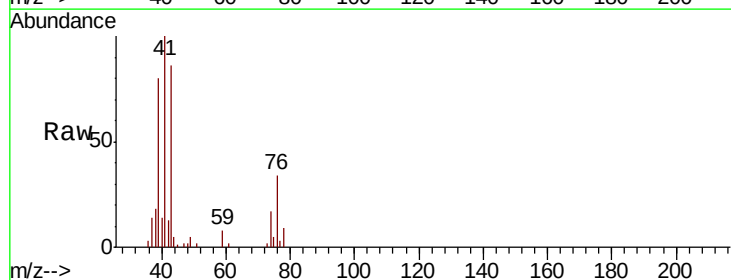
Instrument :
 MSVOA_N
 ClientSampleId :

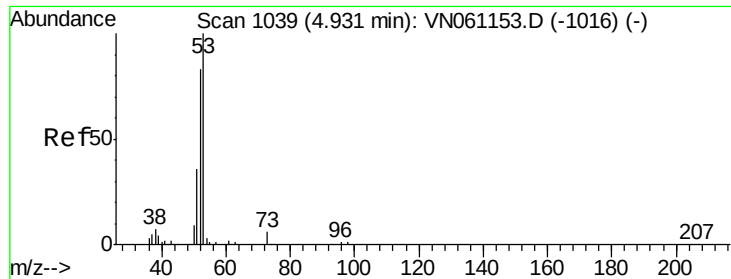
Tot Ion: 56 Resp: 10139
 Ion Ratio Lower Upper
 56 100
 55 73.0 58.5 87.7



#14
 Allyl chloride
 Concen: 16.309 ug/l
 RT: 4.27 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Tgt Ion: 41 Resp: 34475
 Ion Ratio Lower Upper
 41 100
 39 73.6 57.1 85.7
 76 29.4 24.3 36.5

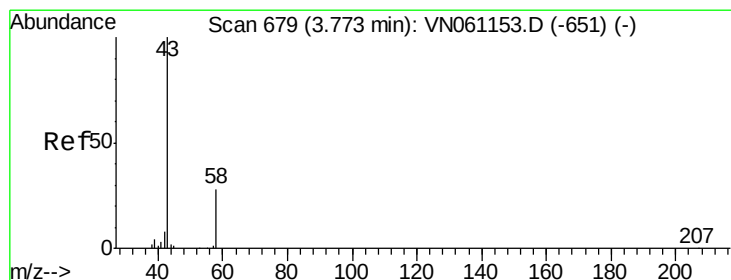
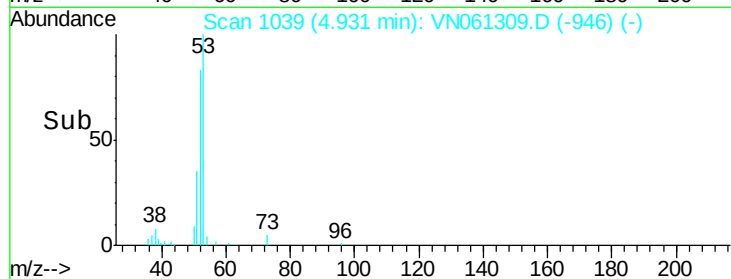
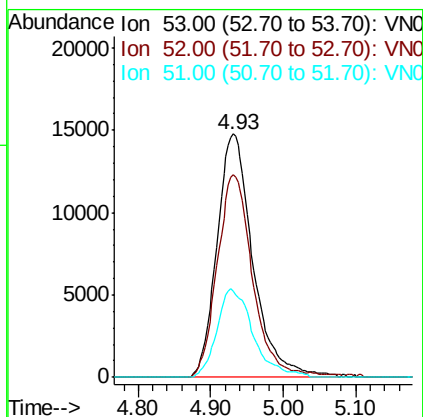
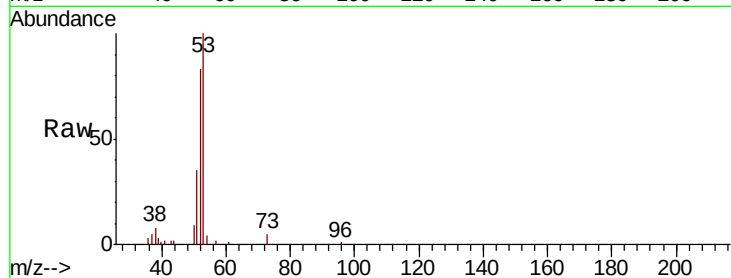




#15
 Acrylonitrile
 Concen: 72.283 ug/l
 RT: 4.93 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

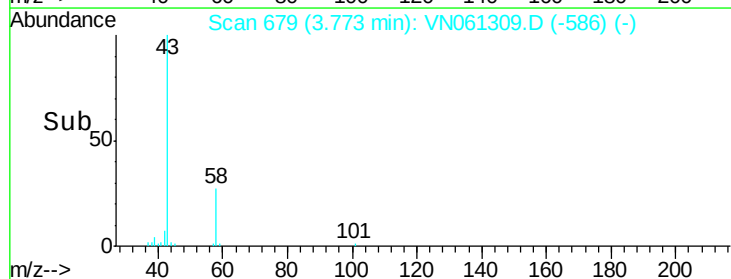
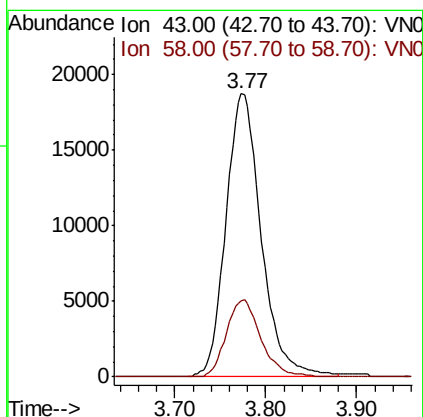
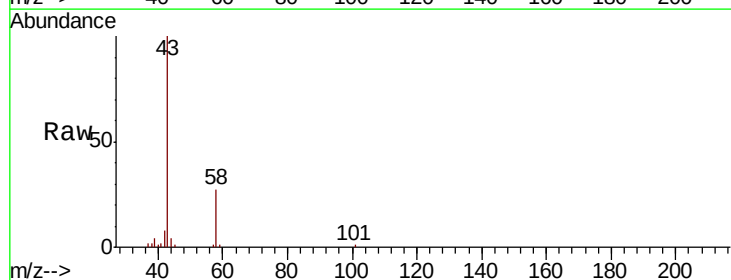
Instrument :
 MSVOA_N
 ClientSampleId :

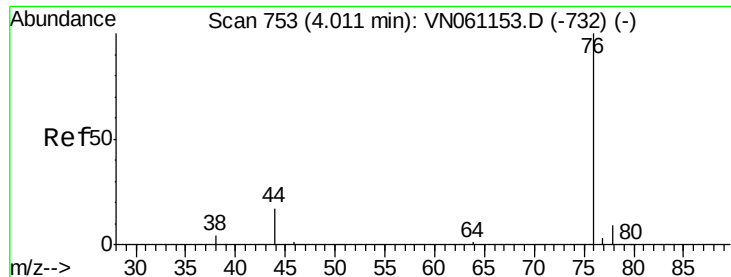
Tot Ion	53	Resp	50820
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.4	98.0
51	36.0	29.5	44.3



#16
 Acetone
 Concen: 72.591 ug/l
 RT: 3.77 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Tgt Ion	43	Resp	50592
Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.2	33.2

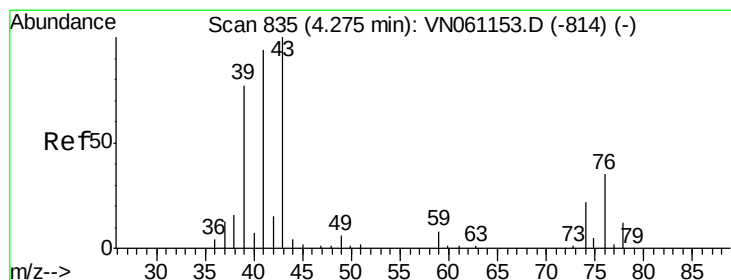
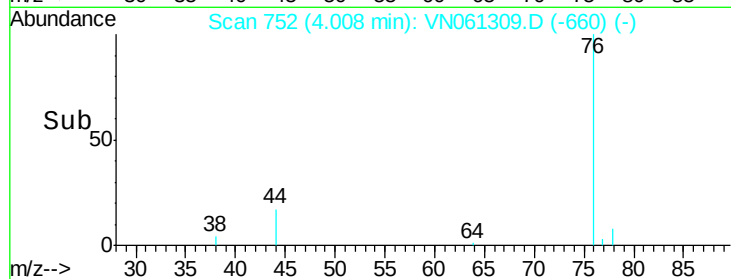
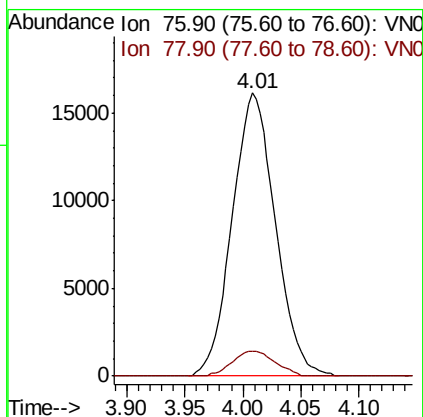
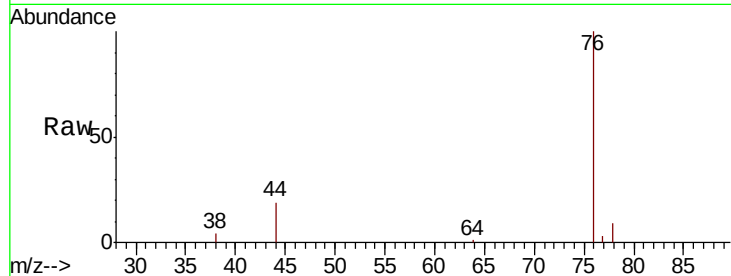




#17
Carbon Disulfide
Concen: 13.279 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

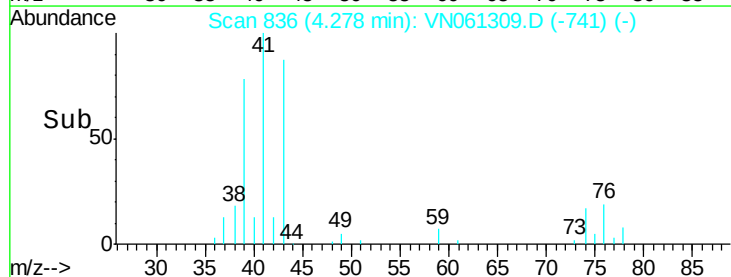
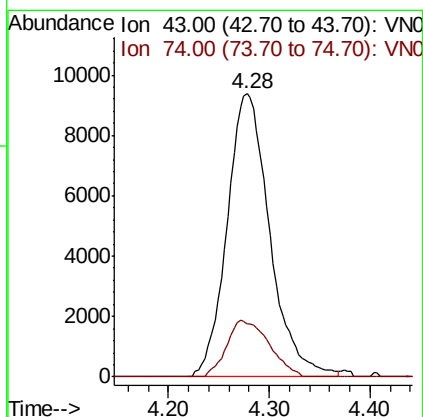
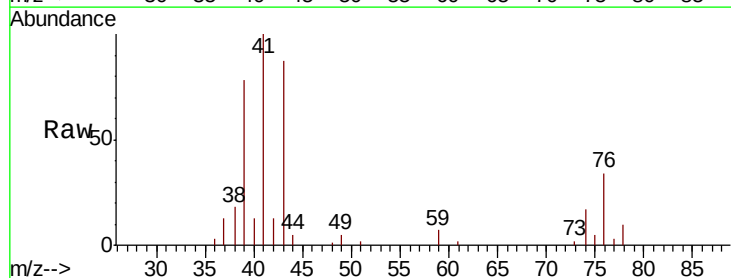
Instrument :
MSVOA_N
ClientSampleId :

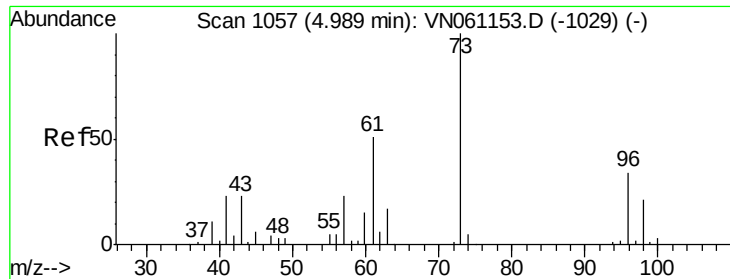
Tot Ion: 76 Resp: 41817
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 13.261 ug/l
RT: 4.28 min Scan# 836
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion: 43 Resp: 27529
Ion Ratio Lower Upper
43 100
74 19.9 17.0 25.4

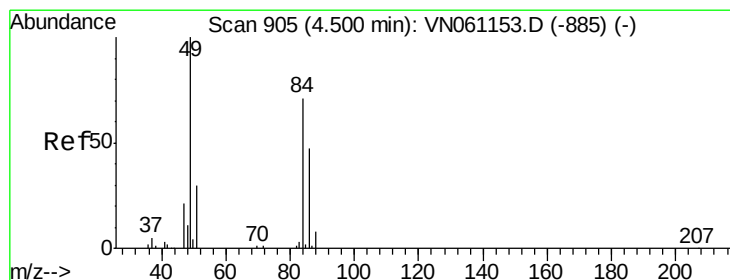
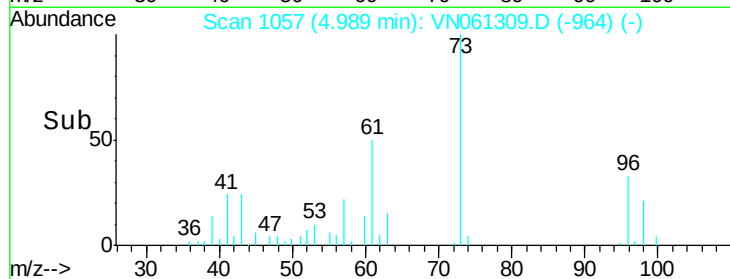
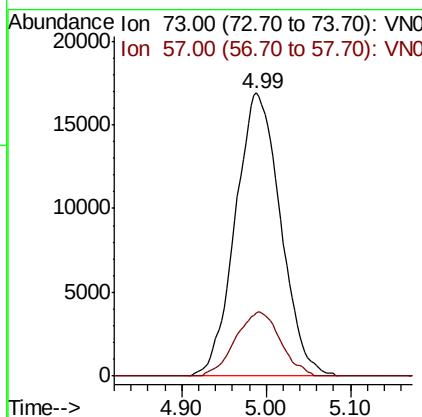
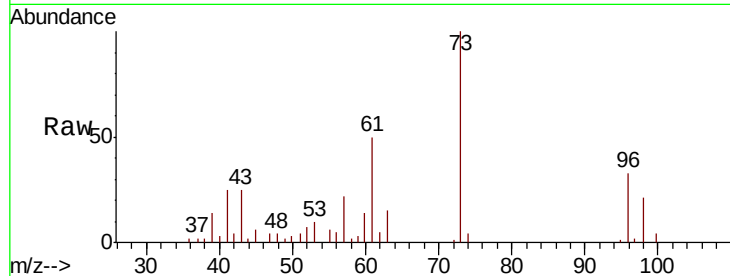




#19
Methyl tert-butyl Ether
Concen: 14.411 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

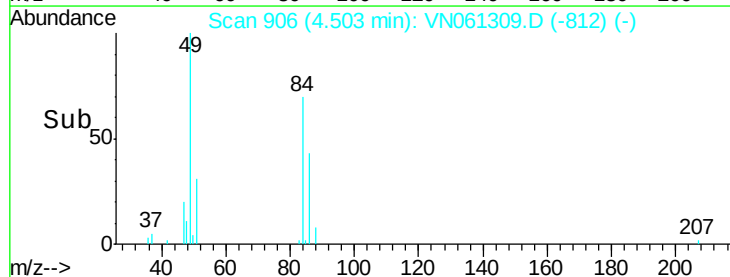
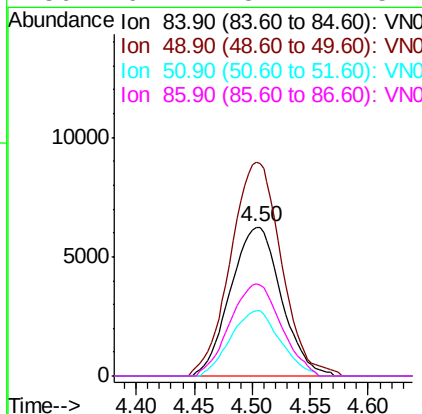
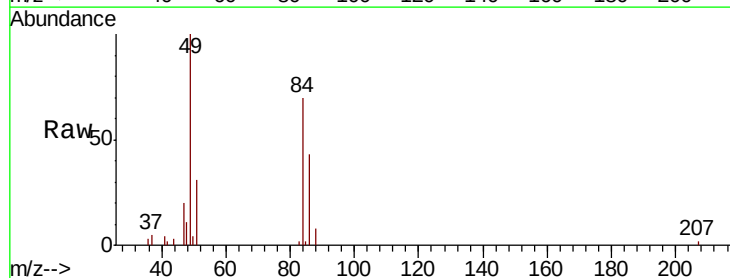
Instrument :
MSVOA_N
ClientSampled :

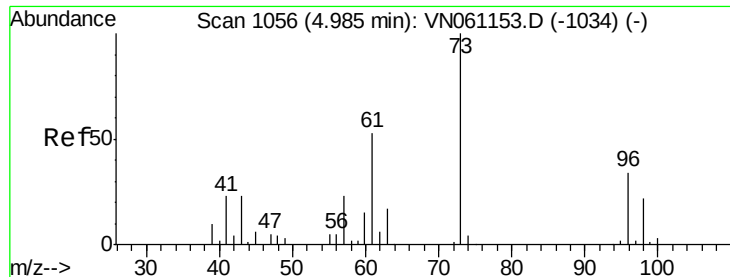
Tot Ion: 73 Resp: 62777
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5



#20
Methylene Chloride
Concen: 14.273 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion: 84 Resp: 19029
Ion Ratio Lower Upper
84 100
49 143.4 112.0 168.0
51 43.8 33.6 50.4
86 61.7 52.1 78.1

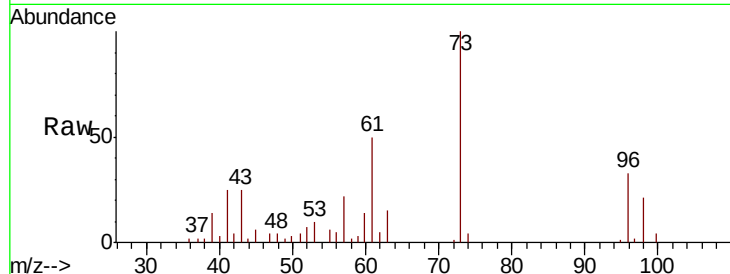




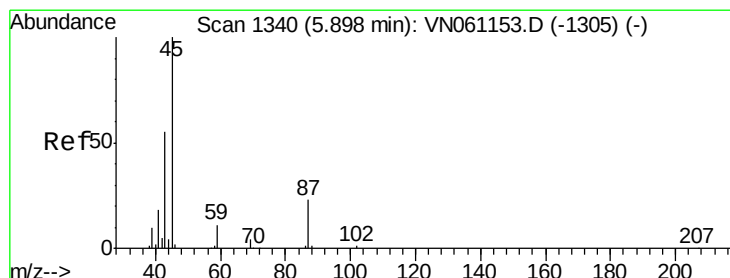
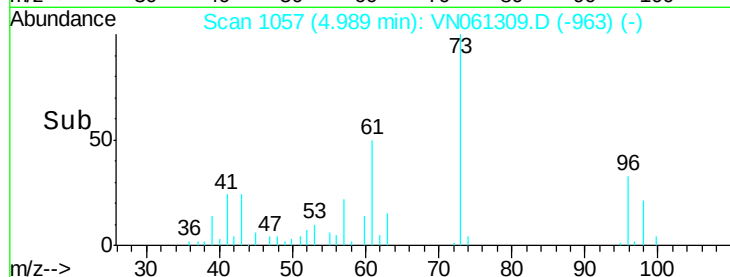
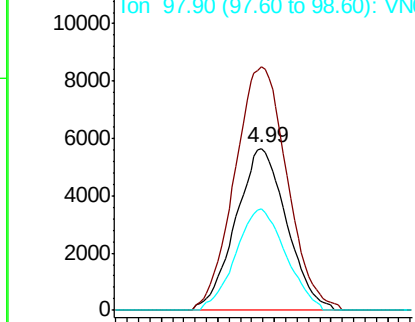
#21
trans-1,2-Dichloroethene
Concen: 14.261 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 17704
Ion Ratio Lower Upper
96 100
61 150.4 123.0 184.4
98 62.5 50.1 75.1

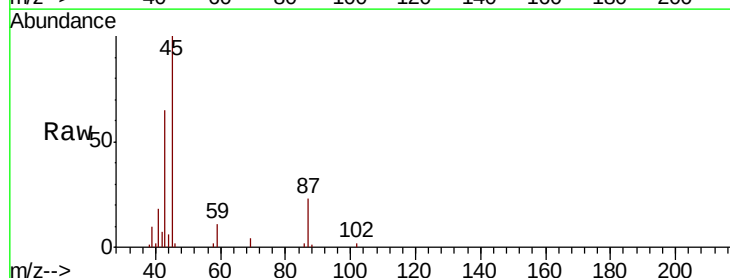


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

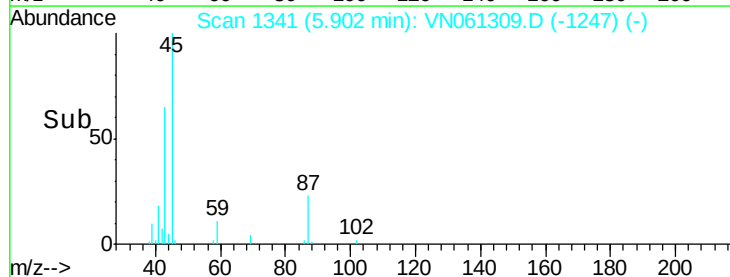
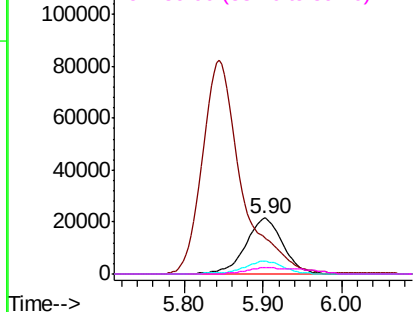


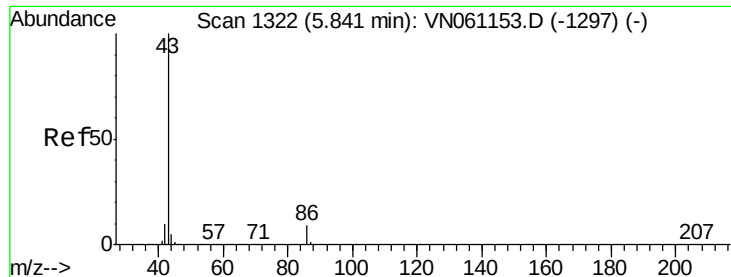
#22
Diisopropyl ether
Concen: 14.704 ug/l
RT: 5.90 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion: 45 Resp: 72075
Ion Ratio Lower Upper
45 100
43 62.2 47.9 71.9
87 23.1 19.2 28.8
59 11.0 9.0 13.4



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





#23

Vinyl Acetate

Concen: 71.380 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

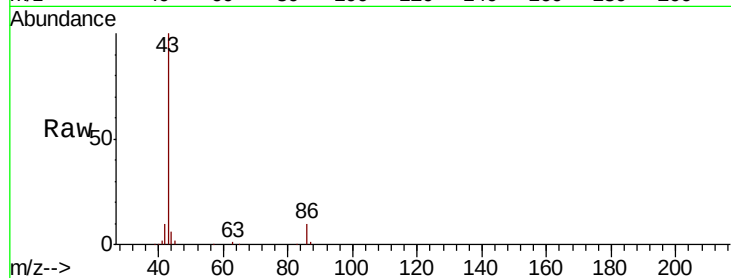
ClientSampleId :

Tot Ion: 43 Resp: 281726

Ion Ratio Lower Upper

43 100

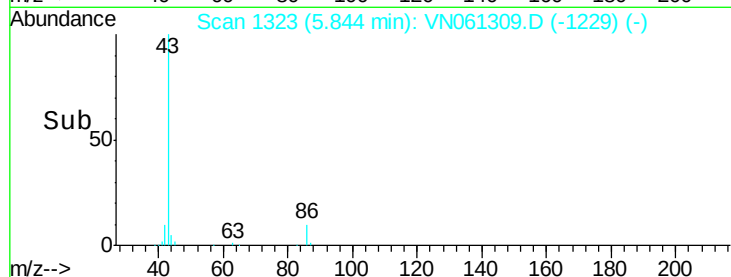
86 9.6 7.2 10.8



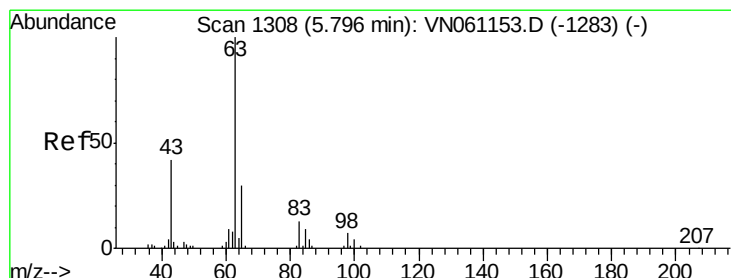
Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1297) (-)

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

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 14.609 ug/l

RT: 5.80 min Scan# 1309

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

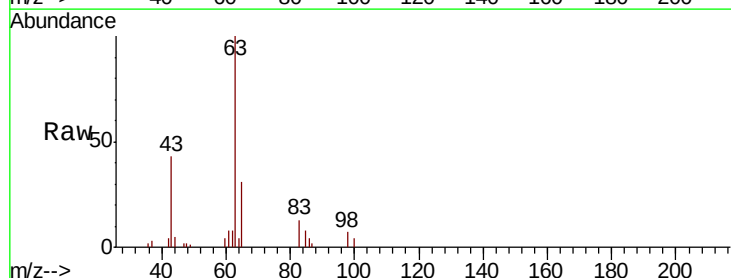
Tgt Ion: 63 Resp: 37416

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

100 4.1 1.9 5.7

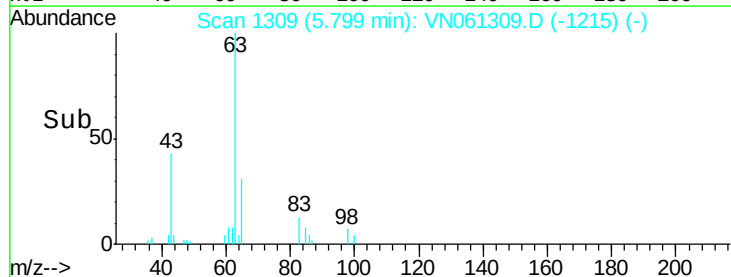


Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-1283) (-)

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

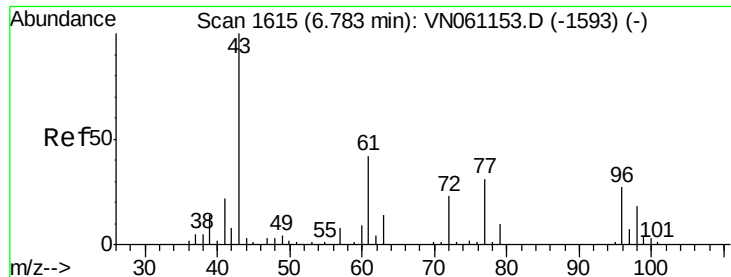
Ion 99.90 (99.60 to 100.60): VN061153.D (-1283) (-)

Time-->



Time-->

Time-->



#25

2-Butanone

Concen: 70.664 ug/l

RT: 6.79 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

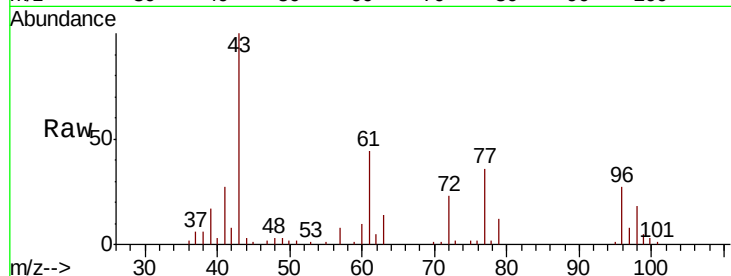
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 71491

Ion Ratio Lower Upper

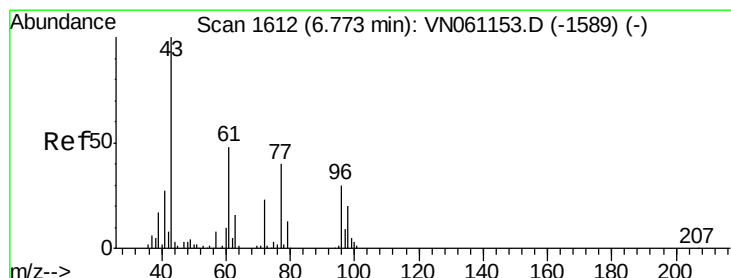
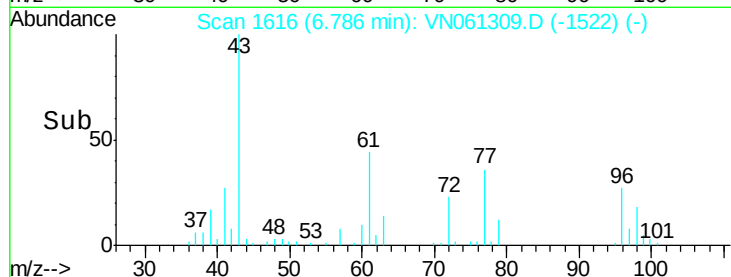
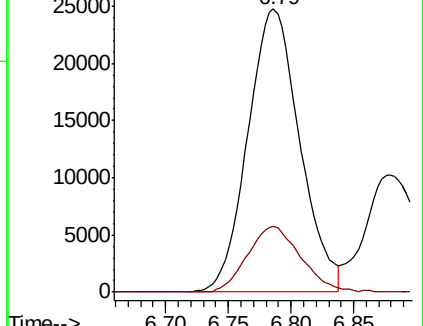
43 100

72 23.2 18.2 27.4



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

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



#26

2,2-Dichloropropane

Concen: 15.918 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VN061309.D

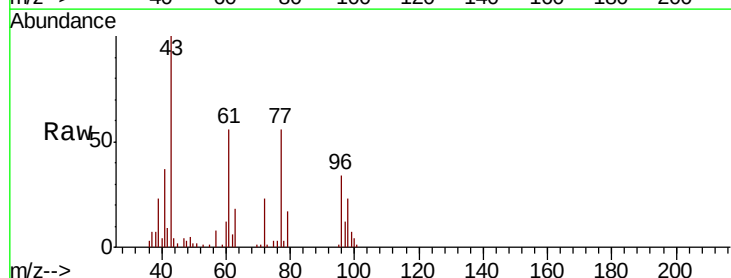
Acq: 6 May 2020 15:03

Tgt Ion: 77 Resp: 34339

Ion Ratio Lower Upper

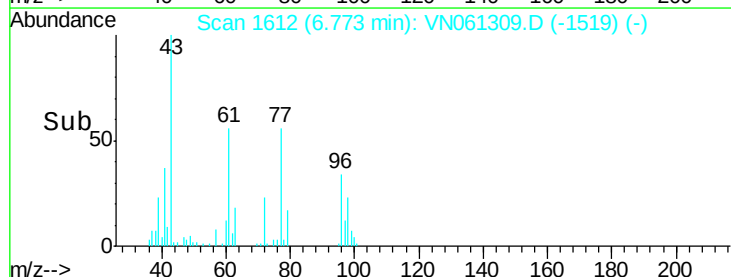
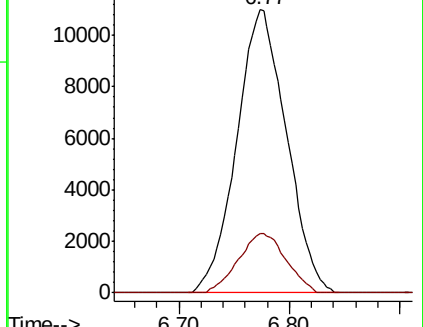
77 100

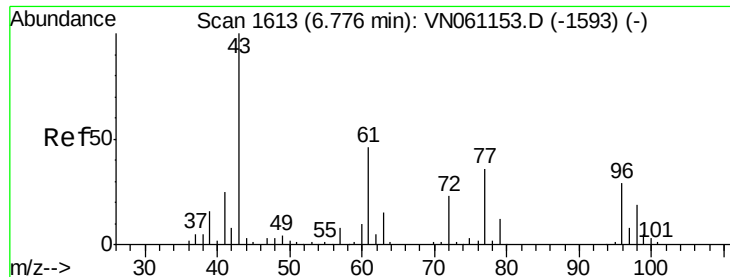
97 20.1 10.5 31.5



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

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





#27

cis-1,2-Dichloroethene

Concen: 14.114 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :
MSVOA_N
ClientSampled :

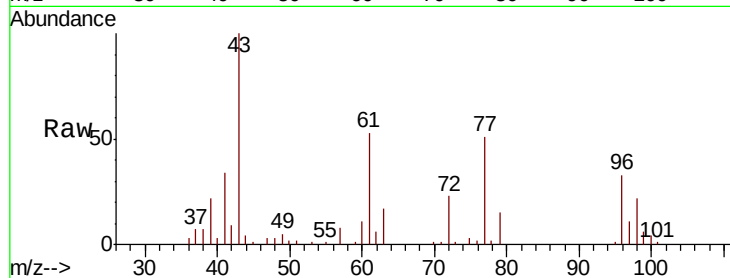
Tot Ion: 96 Resp: 20561

Ion Ratio Lower Upper

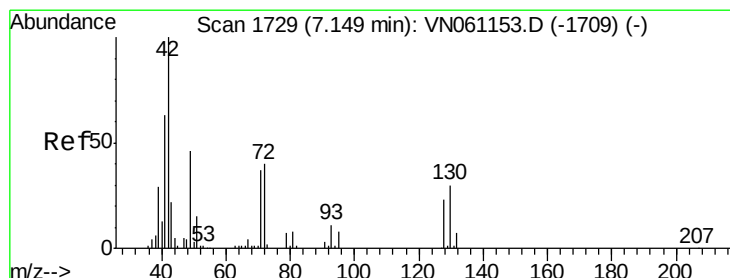
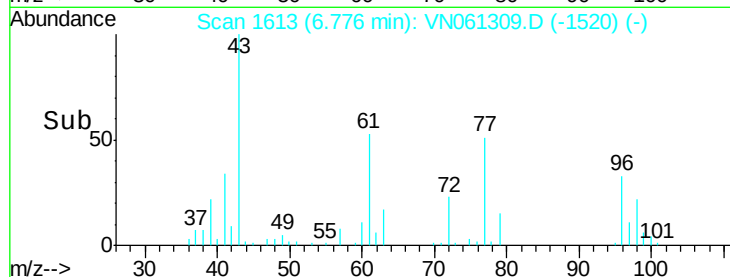
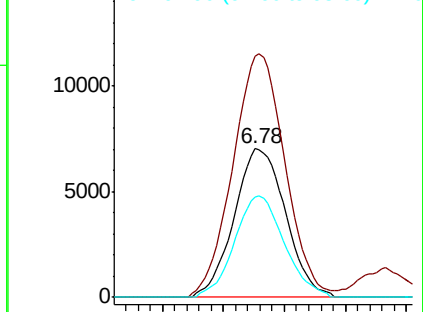
96 100

61 166.0 0.0 322.0

98 65.7 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: 22.156 ug/l

RT: 7.15 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

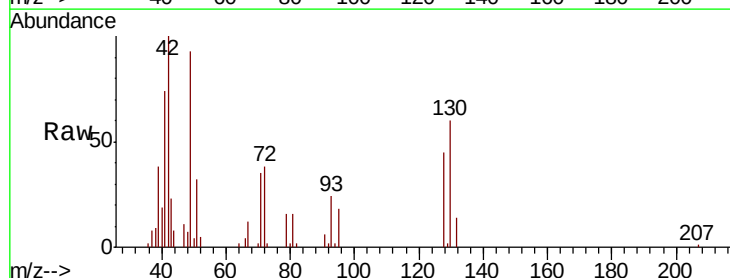
Tgt Ion: 49 Resp: 26895

Ion Ratio Lower Upper

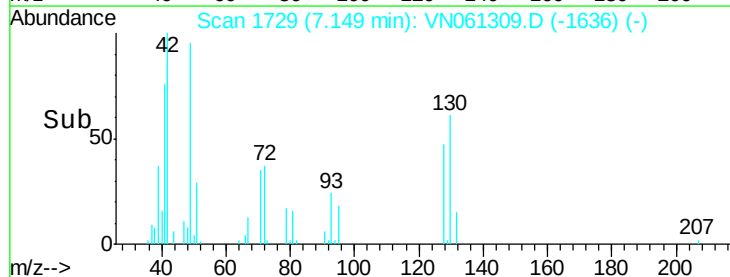
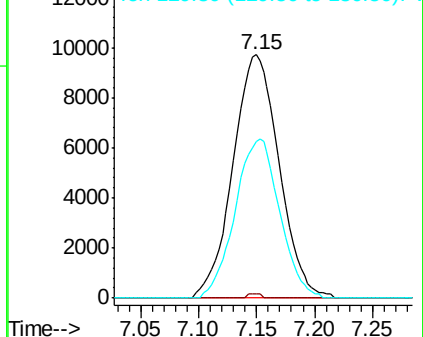
49 100

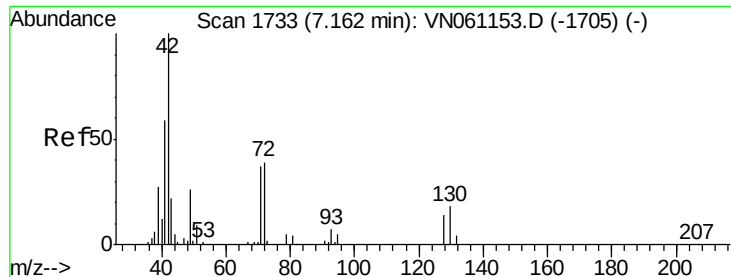
129 0.5 0.0 3.0

130 63.0 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

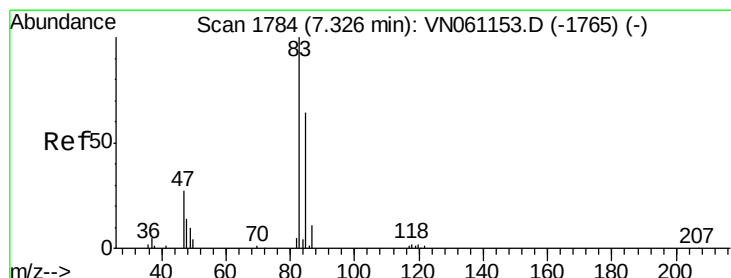
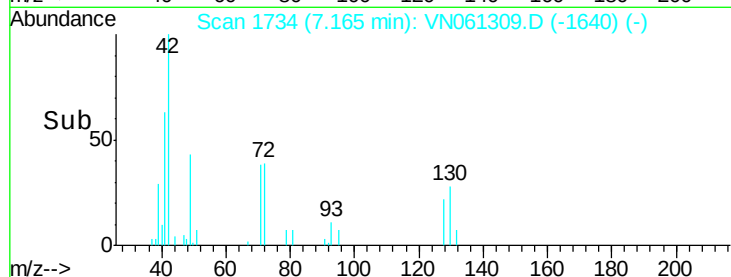
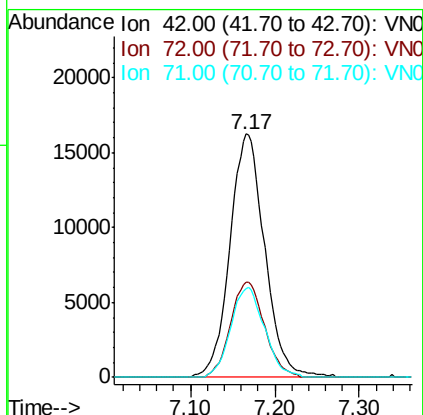
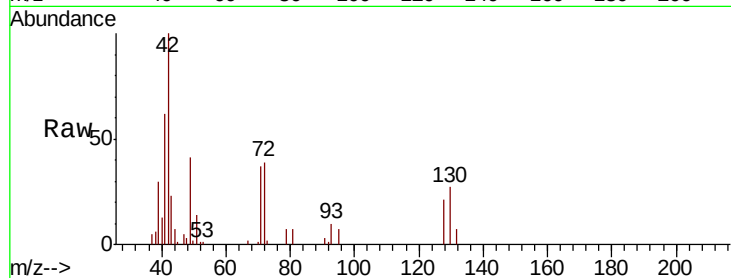




#29
Tetrahydrofuran
Concen: 68.554 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

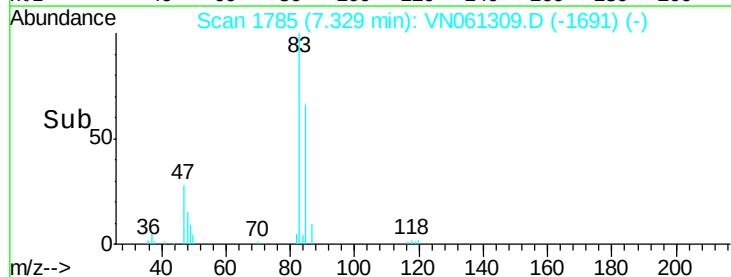
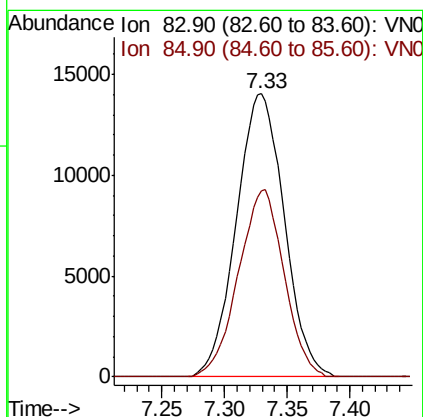
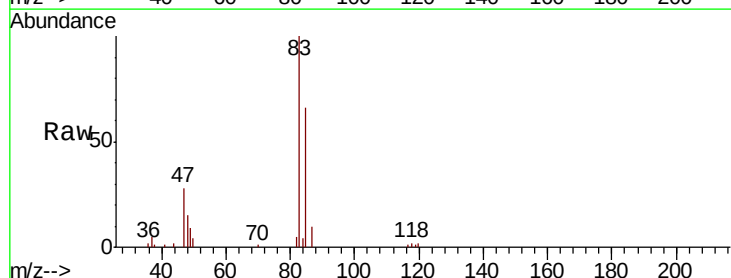
Instrument :
MSVOA_N
ClientSampleId :

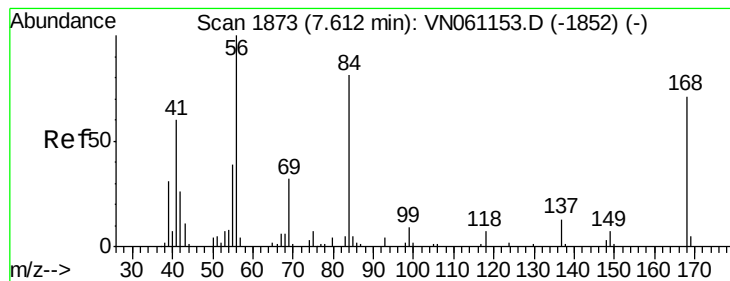
Tot Ion: 42 Resp: 46720
Ion Ratio Lower Upper
42 100
72 37.9 31.4 47.0
71 35.8 29.5 44.3



#30
Chloroform
Concen: 14.381 ug/l
RT: 7.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion: 83 Resp: 37324
Ion Ratio Lower Upper
83 100
85 65.8 51.1 76.7





#31

Cyclohexane

Concen: 12.892 ug/l

RT: 7.62 min Scan# 1874

Delta R.T. 0.00 min

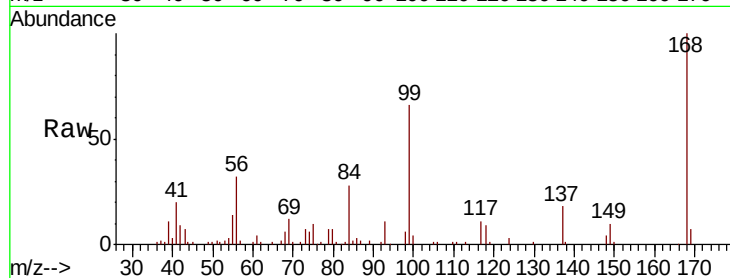
Lab File: VN061309.D

Acq: 6 May 2020 15:03

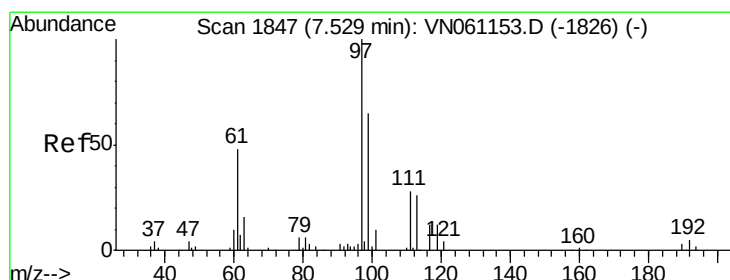
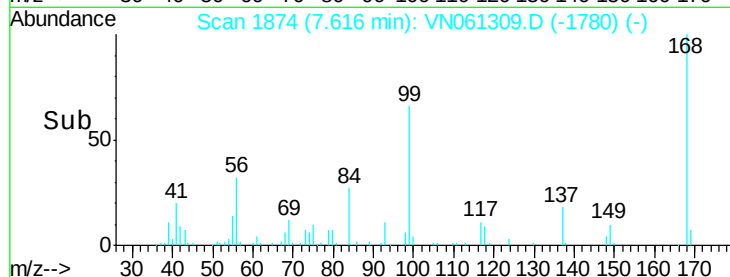
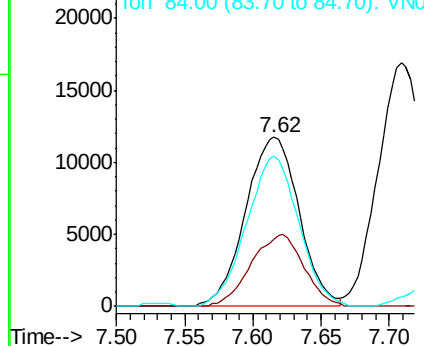
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 32065

Ion	Ratio	Lower	Upper
56	100		
69	39.4	25.7	38.5#
84	88.5	64.6	97.0



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



#32

1,1,1-Trichloroethane

Concen: 14.143 ug/l

RT: 7.53 min Scan# 1846

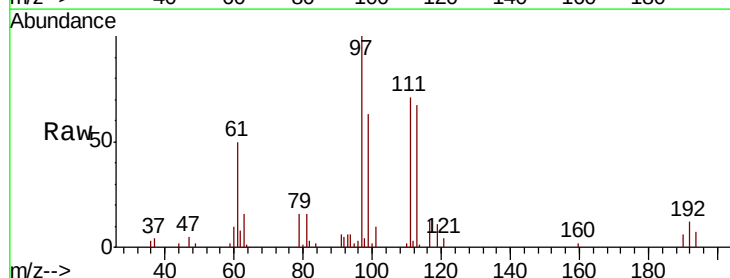
Delta R.T. -0.00 min

Lab File: VN061309.D

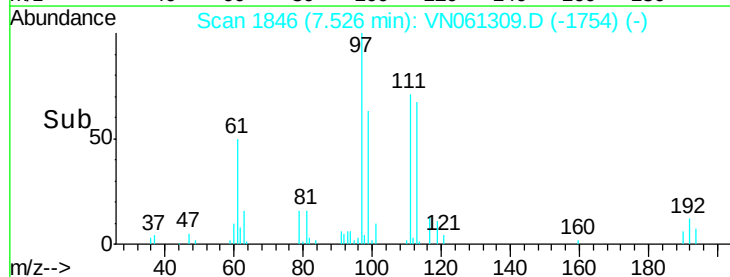
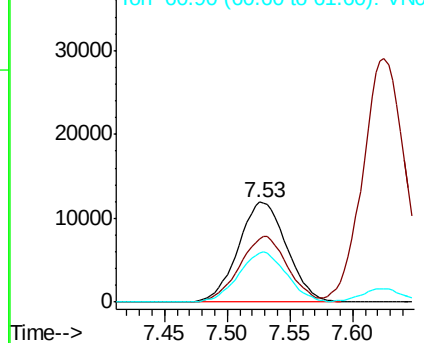
Acq: 6 May 2020 15:03

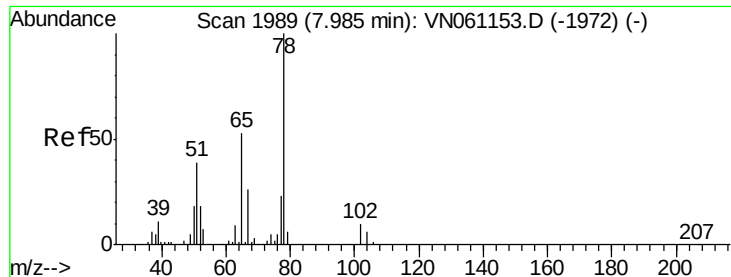
Tgt Ion: 97 Resp: 31965

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.3	76.9
61	49.3	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

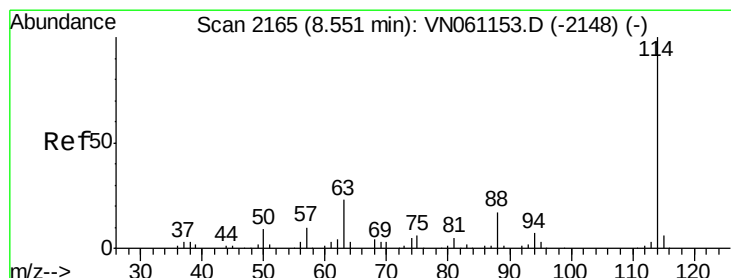
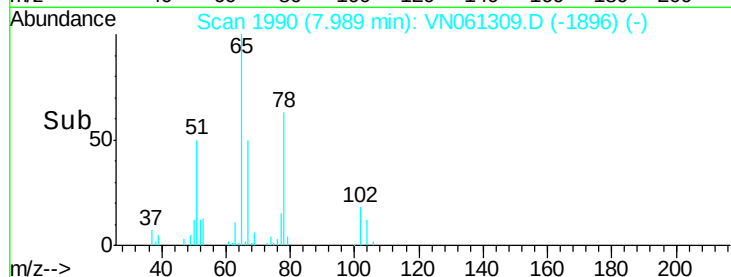
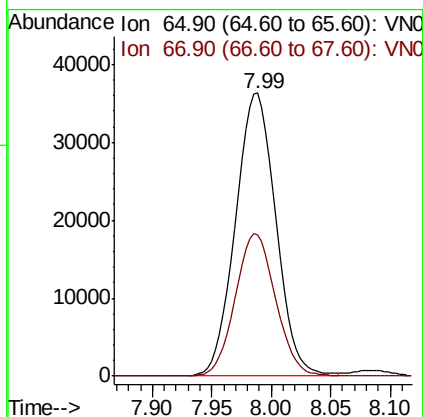
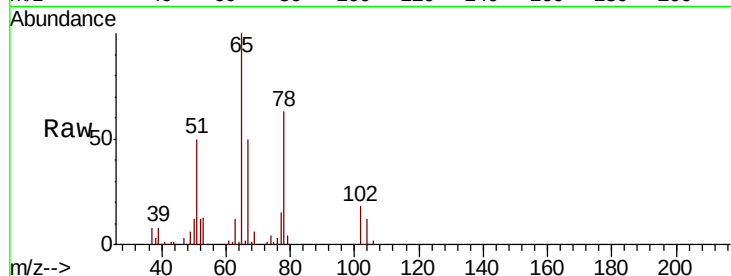




#33
 1,2-Dichloroethane-d4
 Concen: 50.069 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

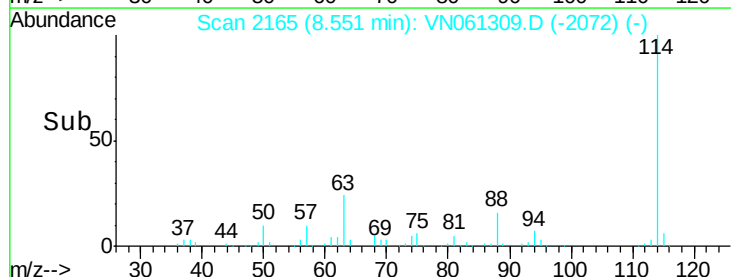
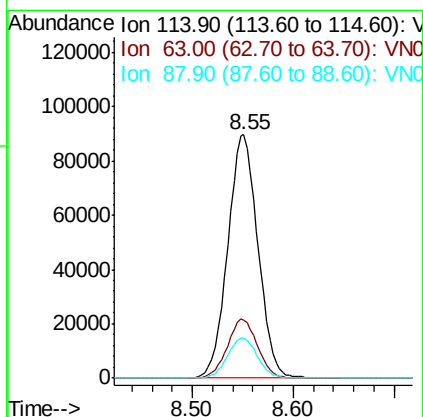
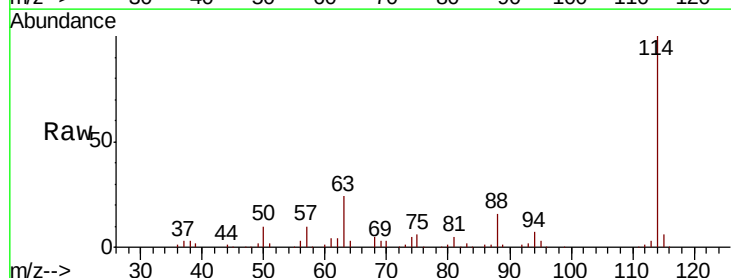
Instrument :
 MSVOA_N
 ClientSampled :

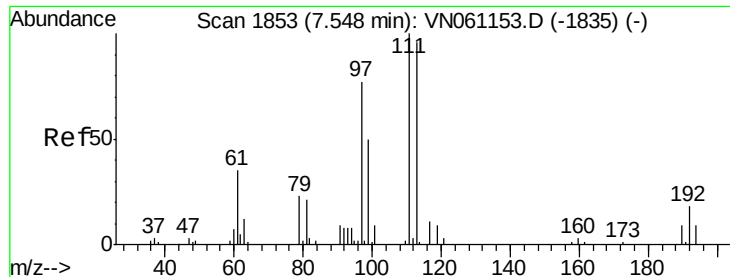
Tot Ion: 65 Resp: 85604
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Tgt Ion: 114 Resp: 186621
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 46.6
 88 16.5 0.0 33.4

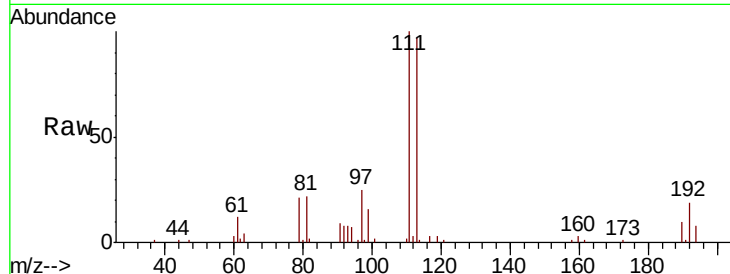




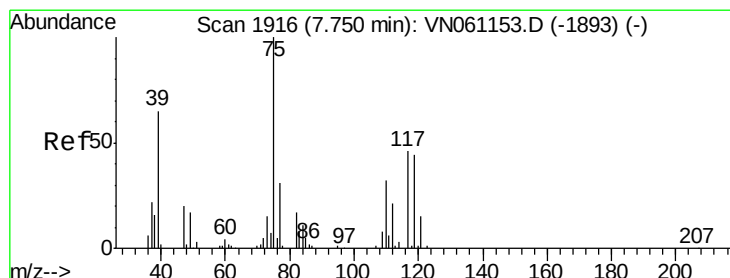
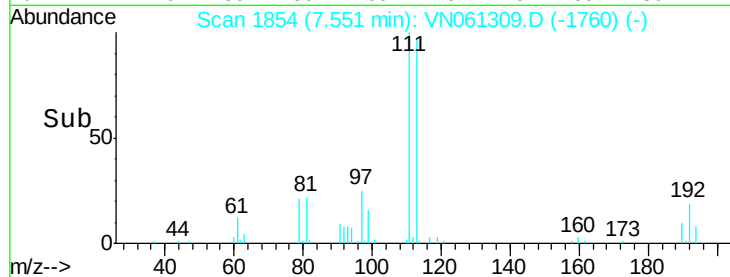
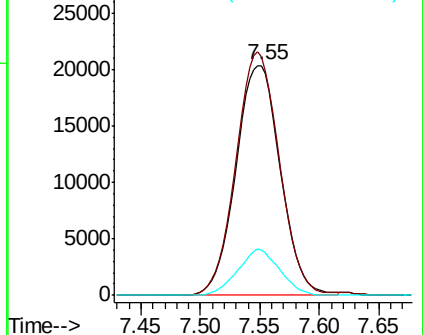
#35
 Dibromofluoromethane
 Concen: 47.752 ug/l
 RT: 7.55 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	18.8	14.7	22.1

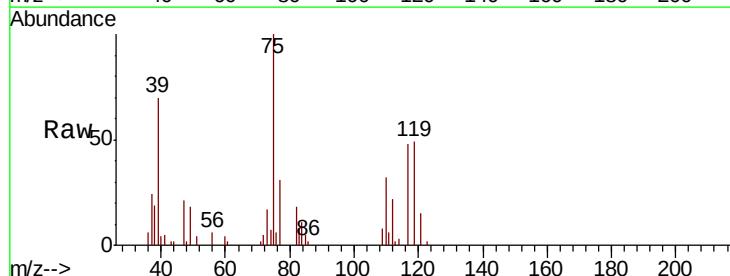


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

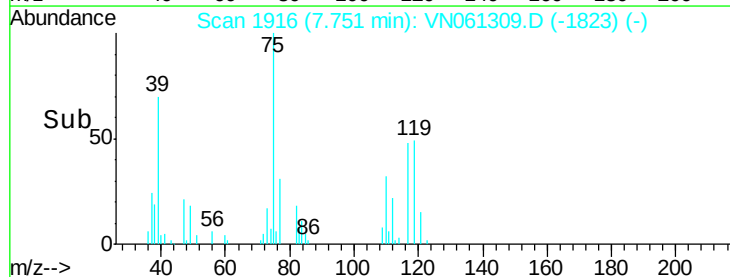
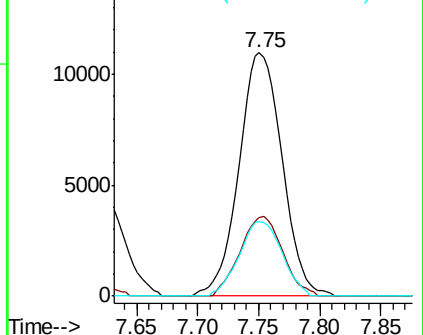


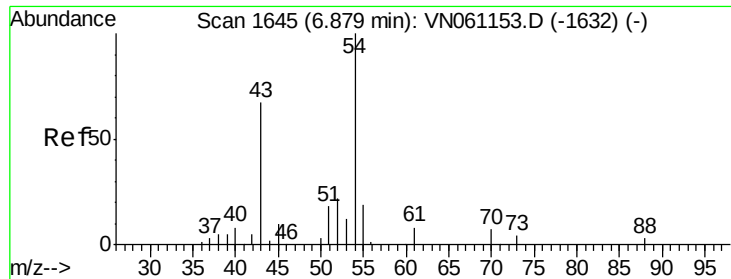
#36
 1,1-Dichloropropene
 Concen: 14.358 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.0	48.0
77	30.5	24.6	37.0



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

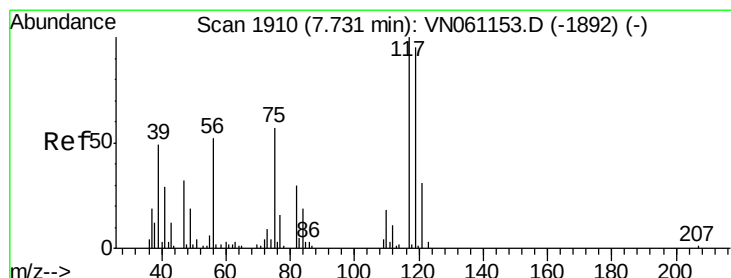
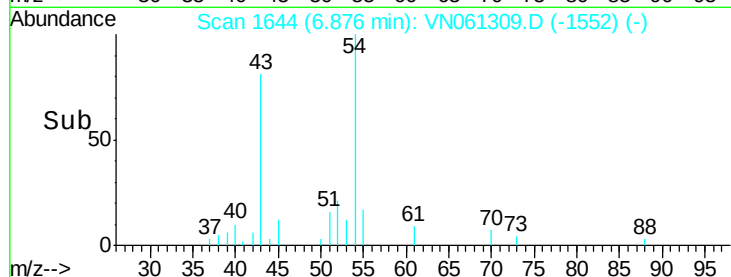
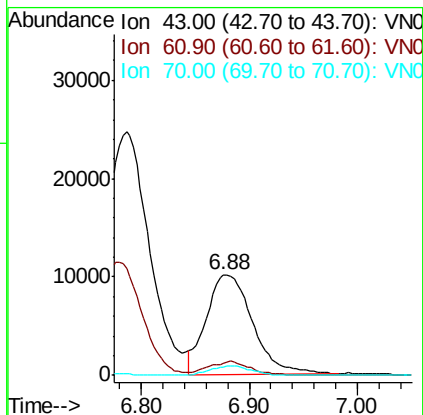
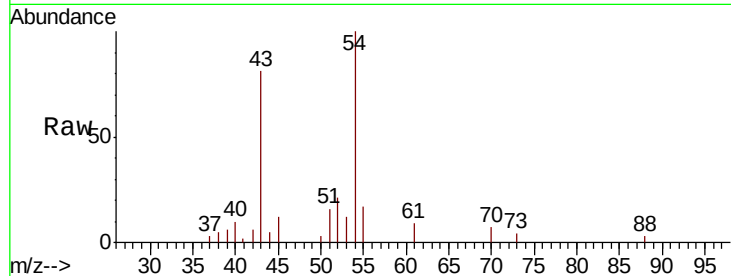




#37
Ethyl Acetate
Concen: 13.673 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

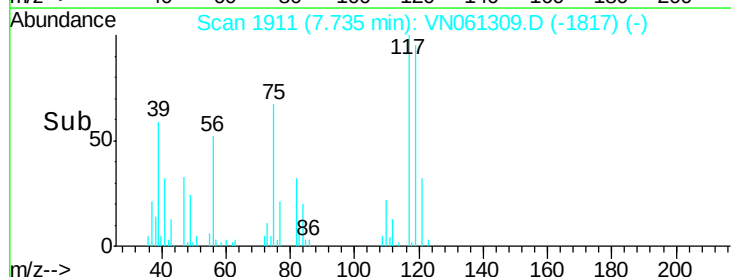
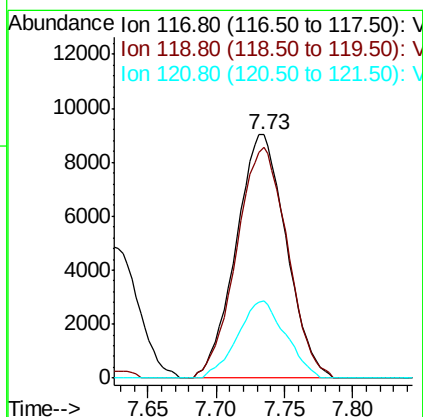
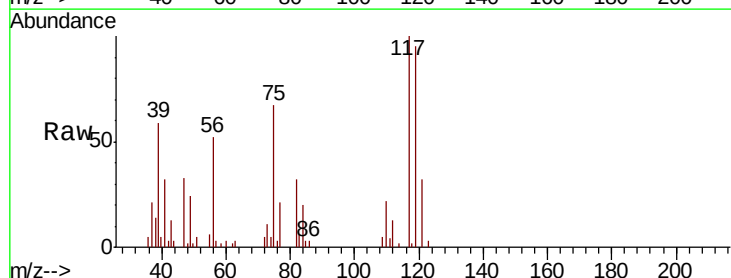
Instrument :
MSVOA_N
ClientSampleId :

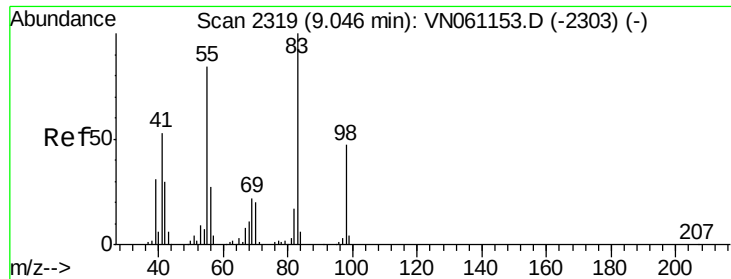
Tot Ion: 43 Resp: 29945
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.2
70 8.3 7.2 10.8



#38
Carbon Tetrachloride
Concen: 15.215 ug/l
RT: 7.73 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion: 117 Resp: 23092
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.6
121 31.6 24.7 37.1

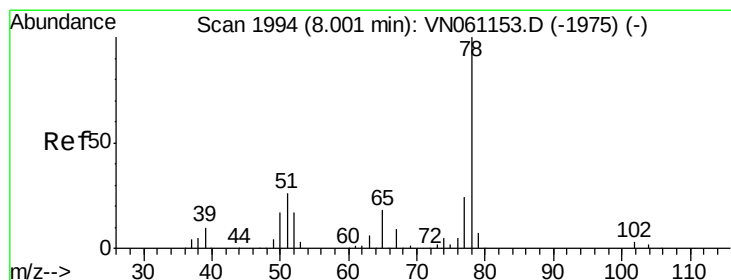
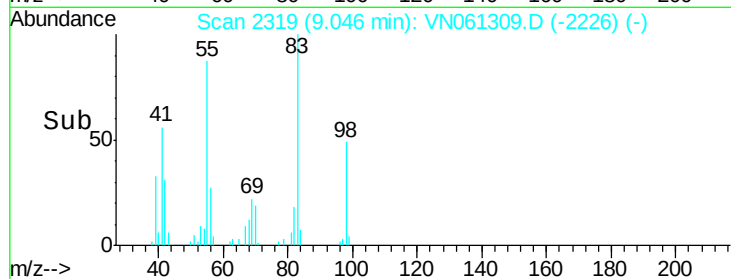
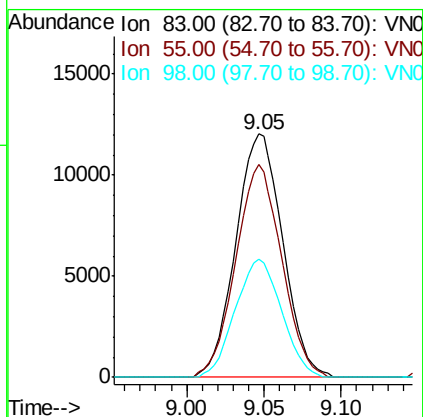
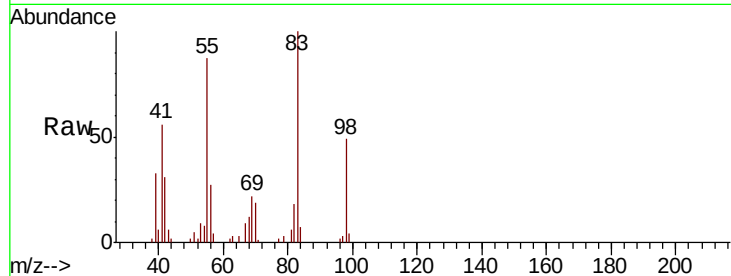




#39
Methylvlcyclohexane
Concen: 12.100 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

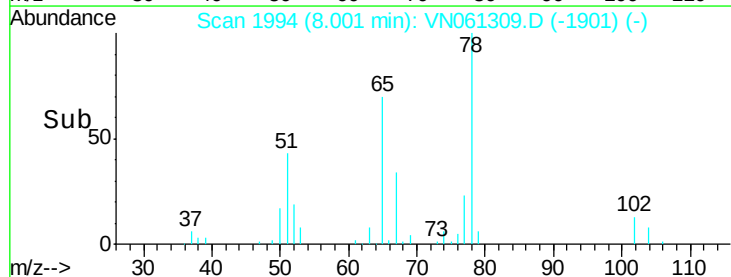
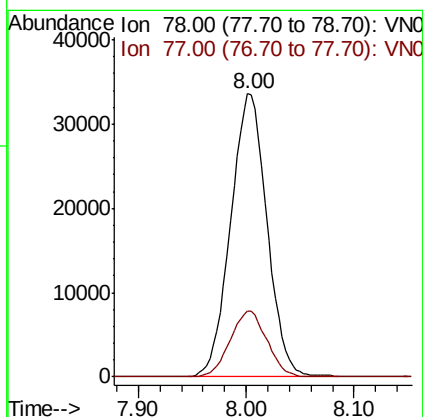
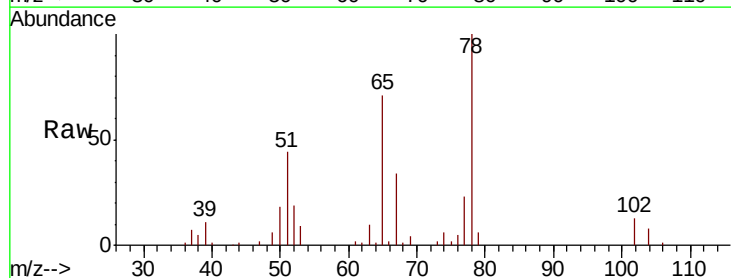
Instrument :
MSVOA_N
ClientSampleId :

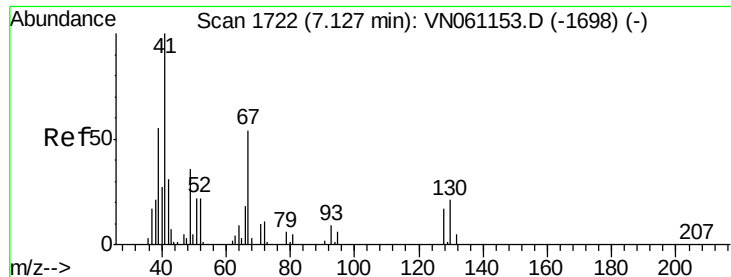
Tot Ion: 83 Resp: 25351
Ion Ratio Lower Upper
83 100
55 87.3 67.3 100.9
98 48.6 37.7 56.5



#40
Benzene
Concen: 14.171 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion: 78 Resp: 78871
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

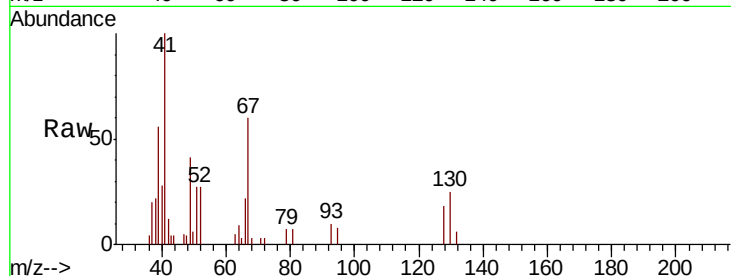




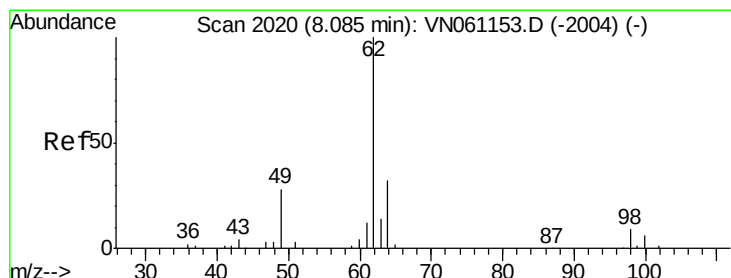
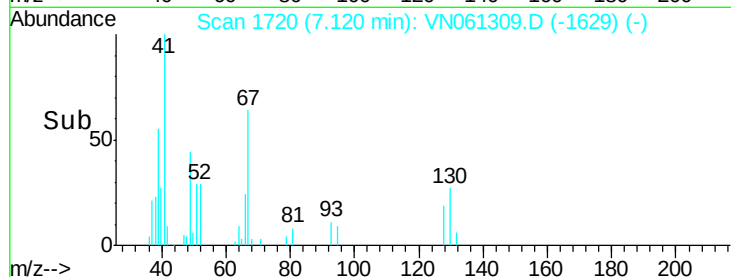
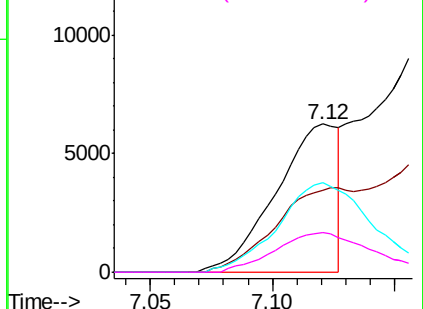
#41
Methacrylonitrile
Concen: 12.158 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	11056
Ion	Ratio	Lower	Upper
41	100		
39	69.9	0.0	0.0#
67	92.6	0.0	0.0#
52	42.1	0.0	0.0#

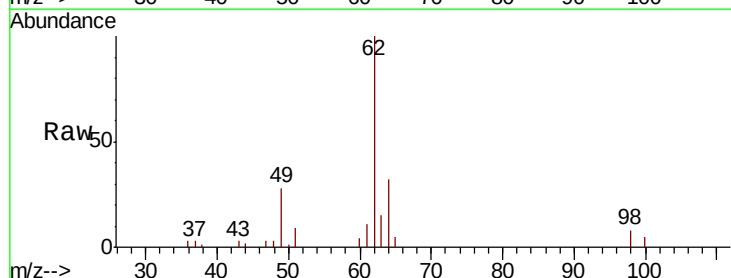


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

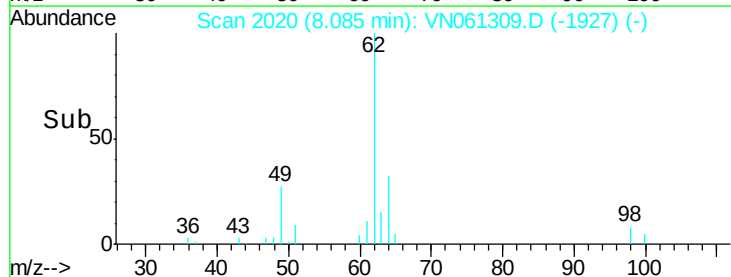
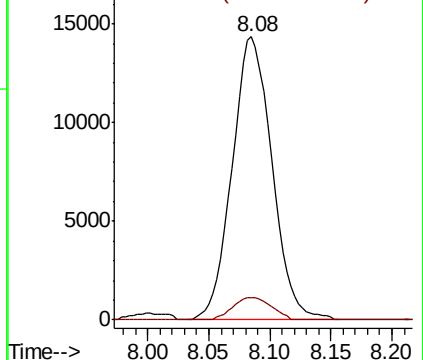


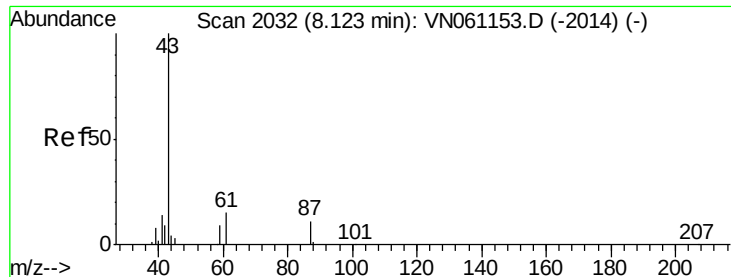
#42
1,2-Dichloroethane
Concen: 15.424 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion:	62	Resp:	32521
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.8



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





#43

Isopropyl Acetate

Concen: 13.844 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

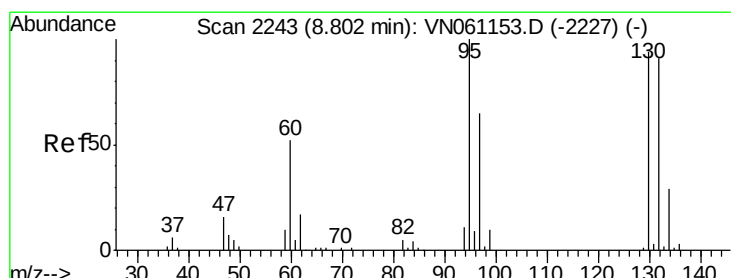
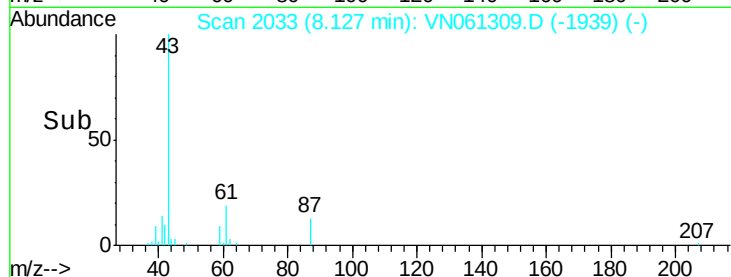
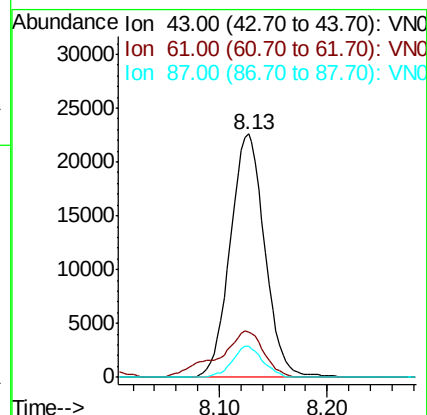
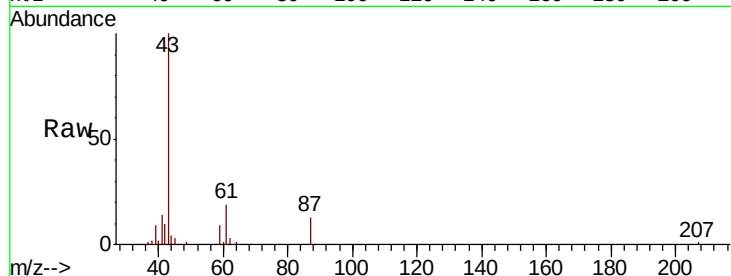
Tot Ion: 43 Resp: 50321

Ion Ratio Lower Upper

43 100

61 24.9 19.5 29.3

87 11.3 8.9 13.3



#44

Trichloroethene

Concen: 13.316 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061309.D

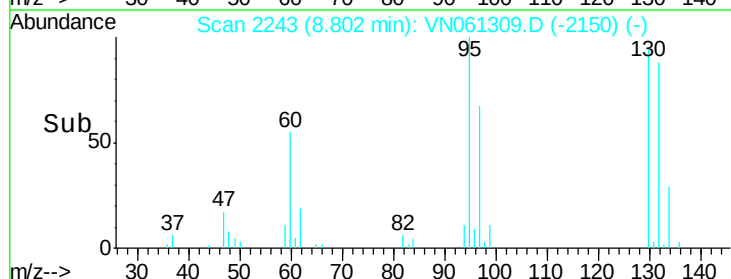
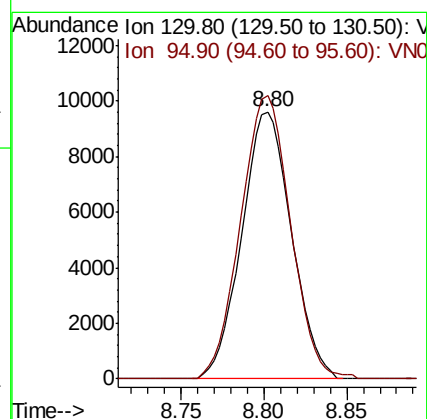
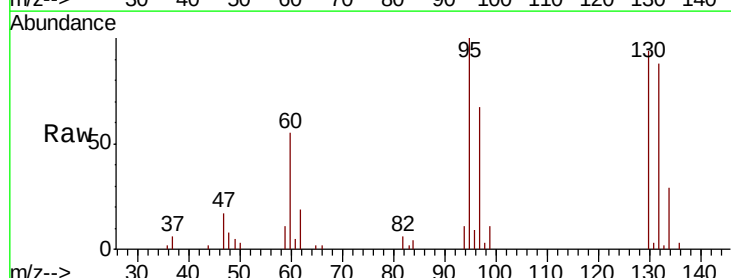
Acq: 6 May 2020 15:03

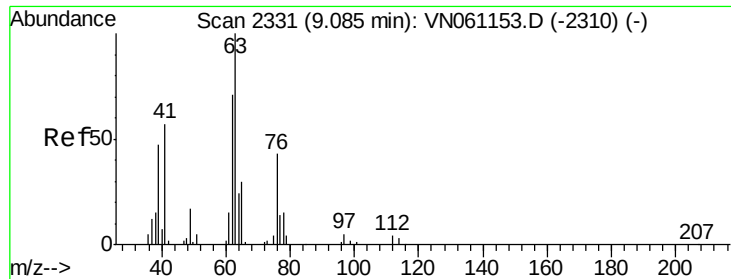
Tgt Ion:130 Resp: 20035

Ion Ratio Lower Upper

130 100

95 105.9 0.0 212.4

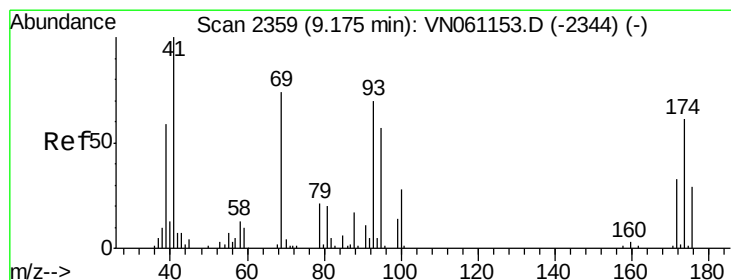
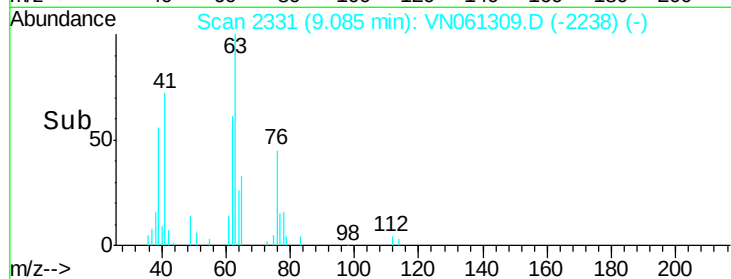
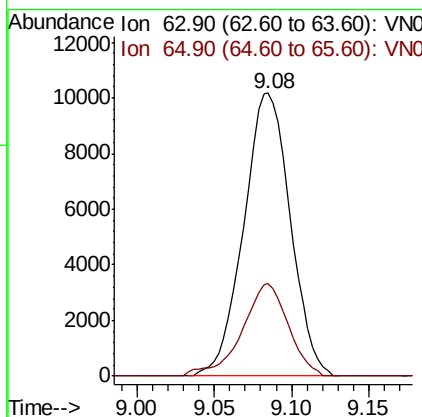
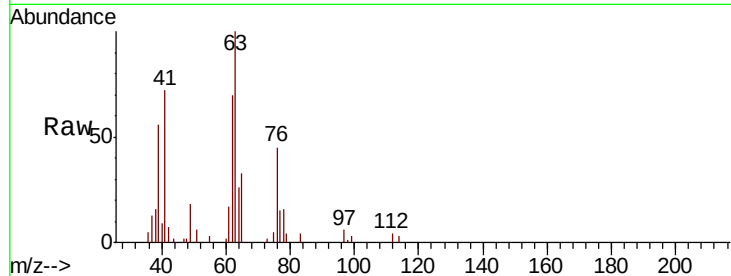




#45
 1,2-Dichloropropane
 Concen: 14.373 ug/l
 RT: 9.08 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

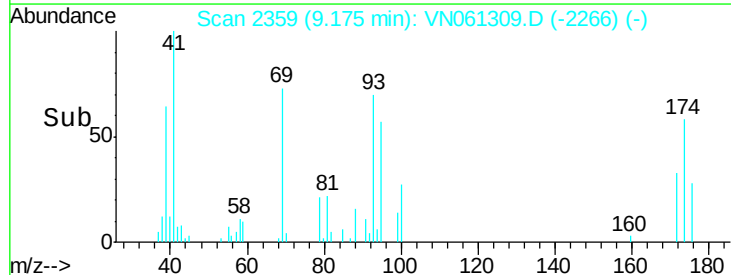
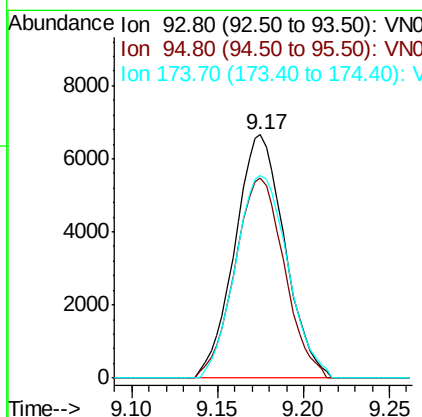
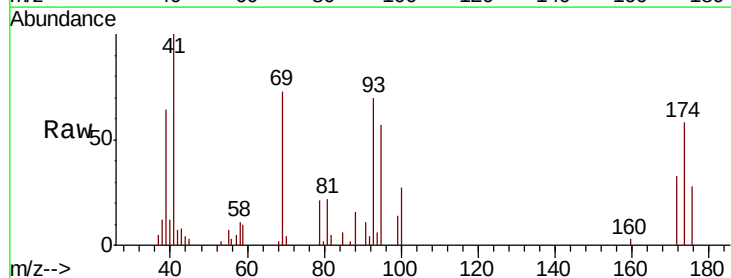
Instrument :
 MSVOA_N
 ClientSampled :

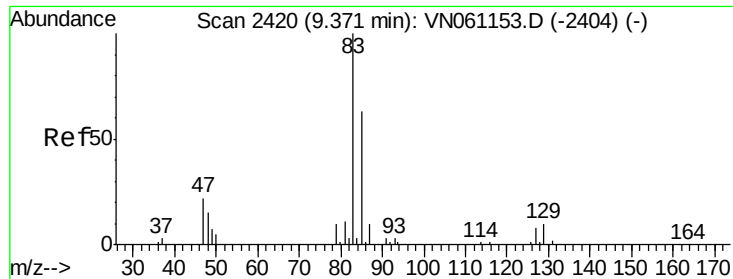
Tot Ion: 63 Resp: 21371
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.7 37.1



#46
 Dibromomethane
 Concen: 14.560 ug/l
 RT: 9.17 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Tgt Ion: 93 Resp: 13405
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.6 99.8
 174 87.0 70.2 105.2





#47

Bromodichloromethane

Concen: 14.569 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

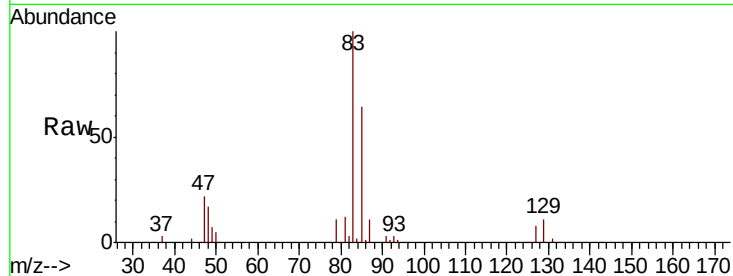
Tot Ion: 83 Resp: 28790

Ion Ratio Lower Upper

83 100

85 64.4 50.4 75.6

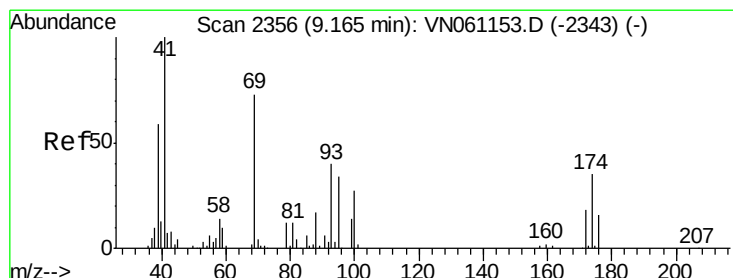
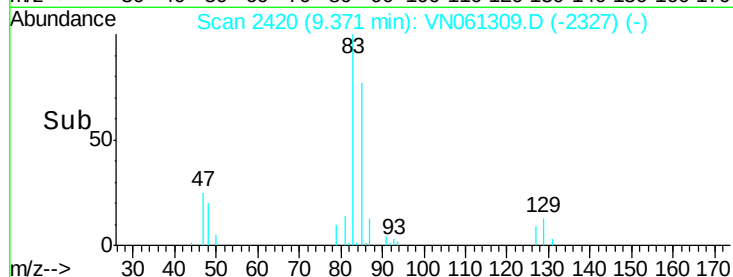
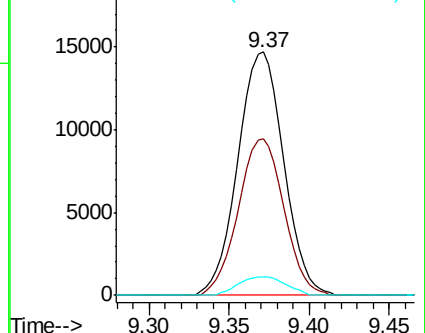
127 7.7 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061309.D (-2327) (-)

Ion 84.90 (84.60 to 85.60): VN061309.D (-2327) (-)

Ion 126.80 (126.50 to 127.50): VN061309.D (-2327) (-)



#48

Methyl methacrylate

Concen: 14.258 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

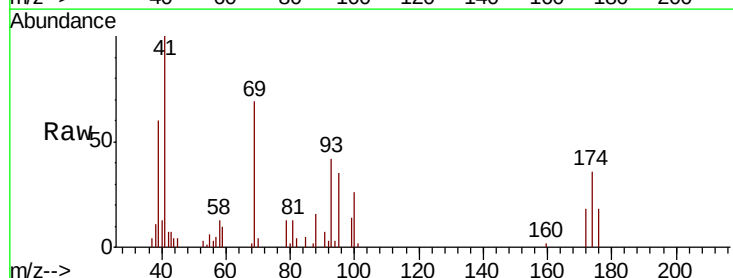
Tgt Ion: 41 Resp: 23385

Ion Ratio Lower Upper

41 100

69 70.5 60.3 90.5

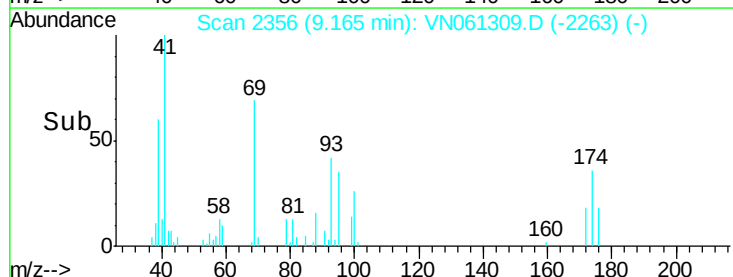
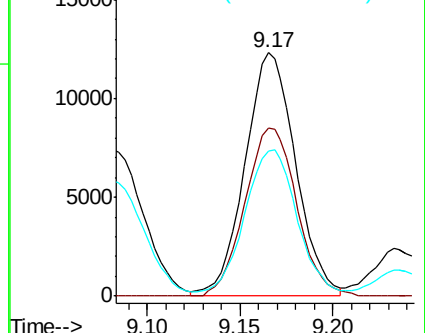
39 62.8 47.4 71.0

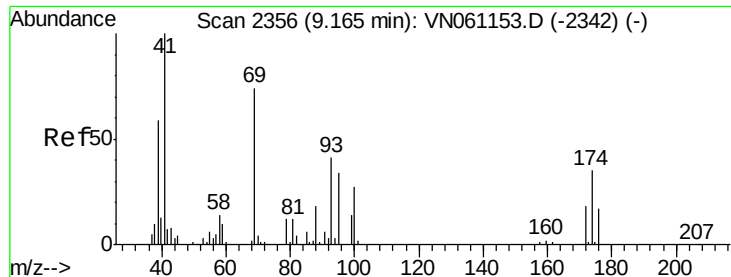


Abundance Ion 41.00 (40.70 to 41.70): VN061309.D (-2263) (-)

Ion 69.00 (68.70 to 69.70): VN061309.D (-2263) (-)

Ion 39.00 (38.70 to 39.70): VN061309.D (-2263) (-)

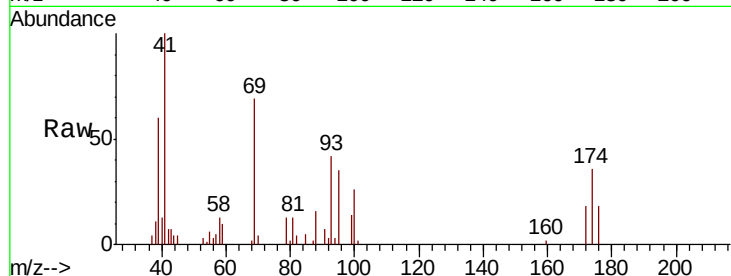




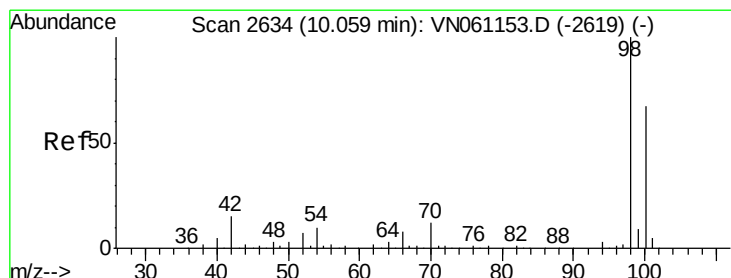
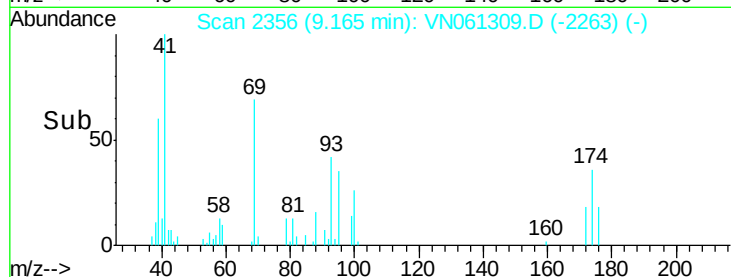
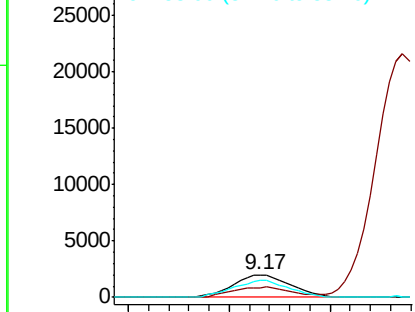
#49
1,4-Dioxane
Concen: 212.106 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 3949
Ion Ratio Lower Upper
88 100
43 46.6 35.3 52.9
58 73.1 61.5 92.3

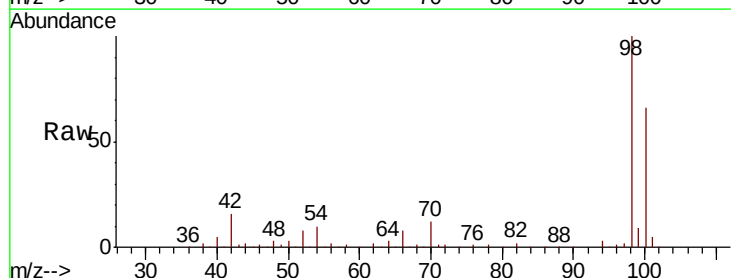


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

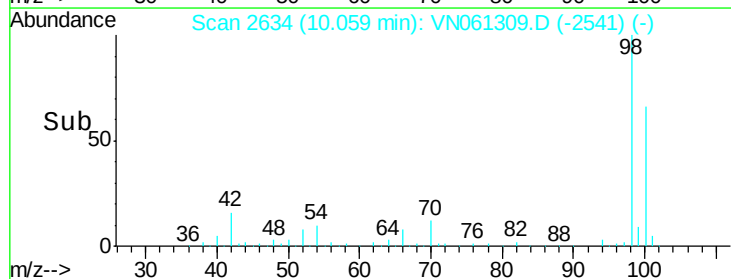
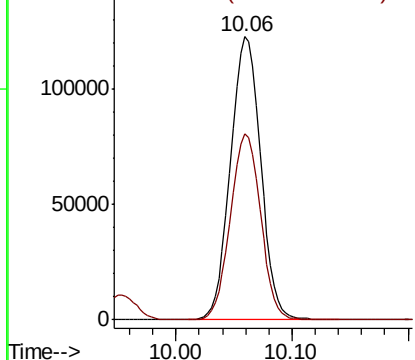


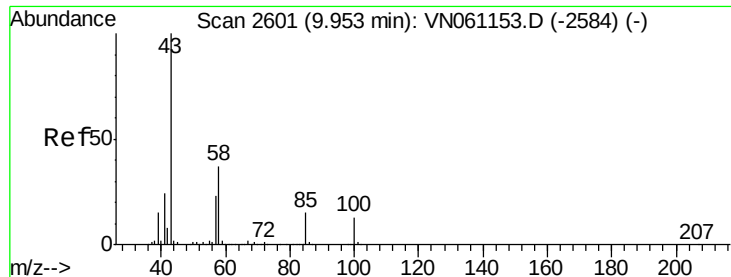
#50
Toluene-d8
Concen: 49.161 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion: 98 Resp: 221154
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

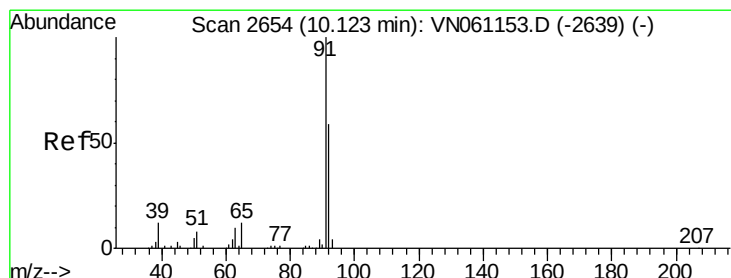
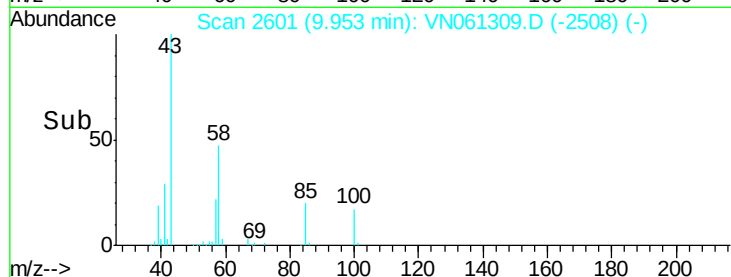
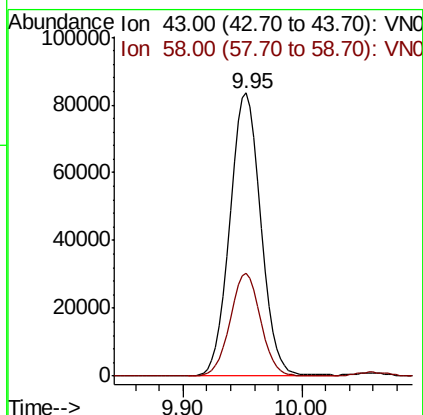
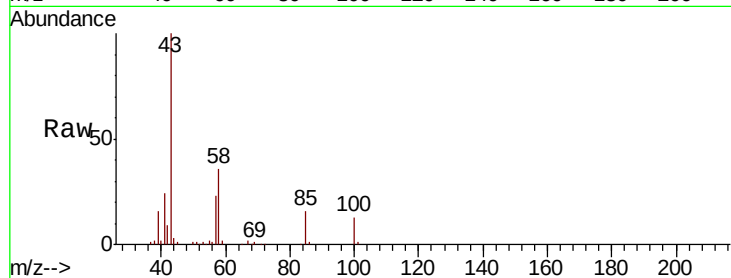




#51
 4-Methyl-2-Pentanone
 Concen: 70.724 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

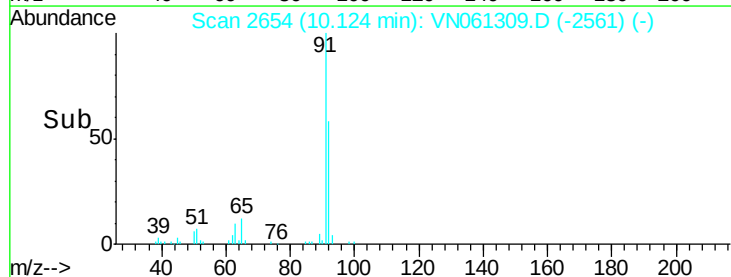
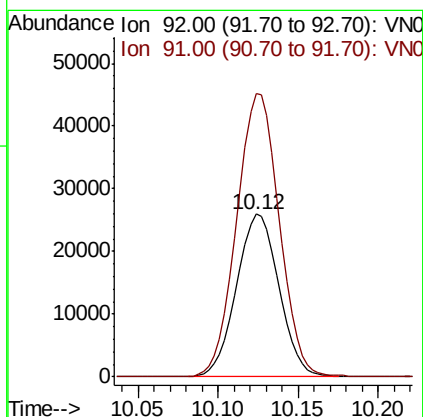
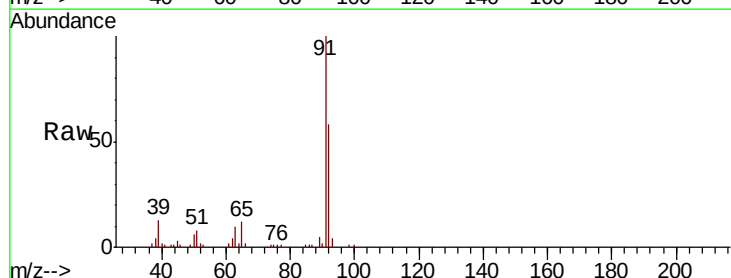
Instrument :
 MSVOA_N
 ClientSampleId :

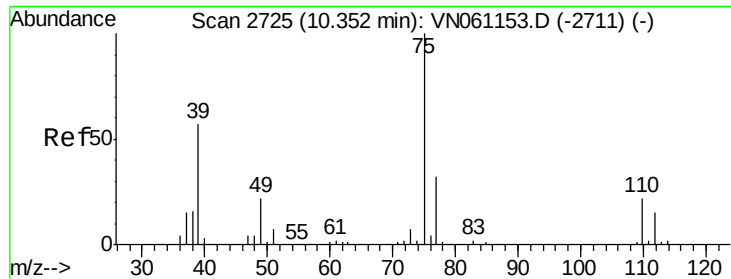
Tot Ion: 43 Resp: 151311
 Ion Ratio Lower Upper
 43 100
 58 35.6 29.1 43.7



#52
 Toluene
 Concen: 14.049 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Tgt Ion: 92 Resp: 47097
 Ion Ratio Lower Upper
 92 100
 91 174.6 136.2 204.2

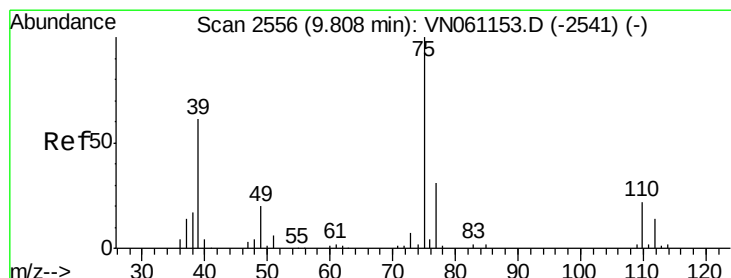
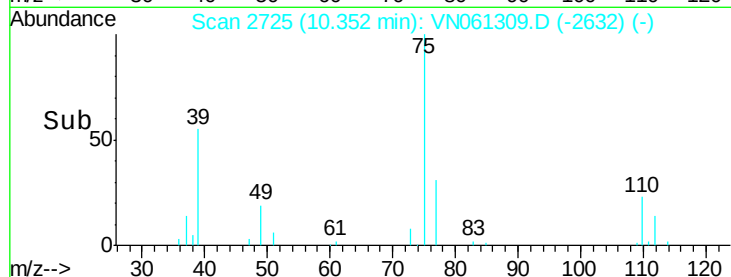
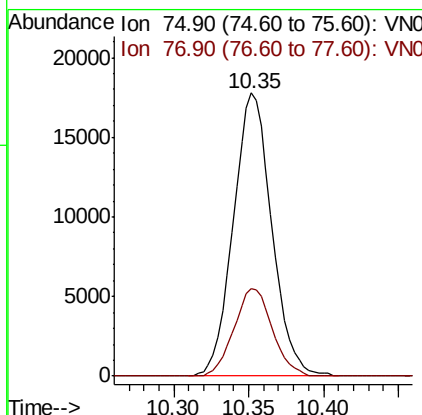
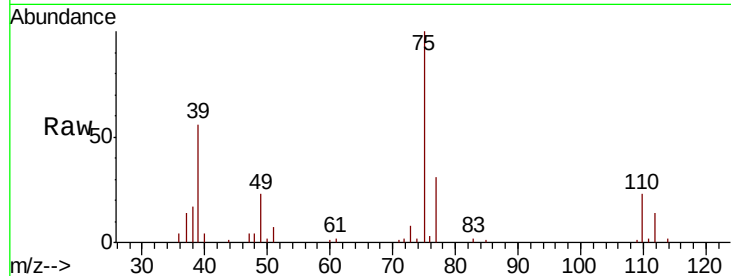




#53
 t-1,3-Dichloropropene
 Concen: 14.276 ug/l
 RT: 10.35 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

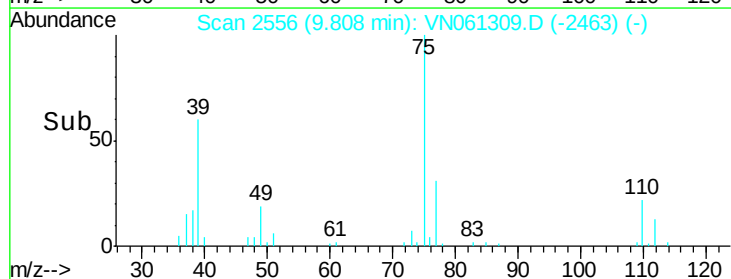
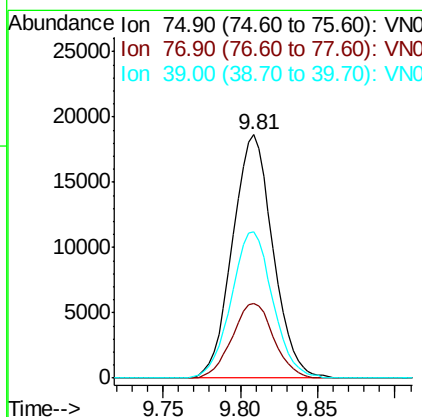
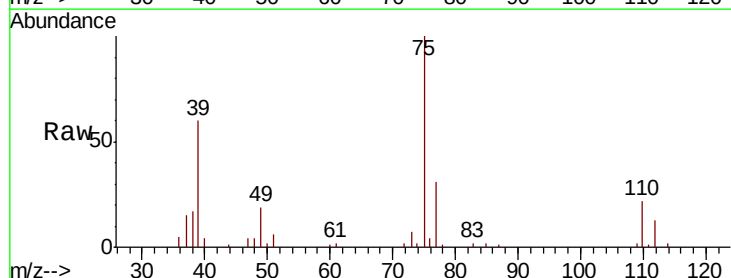
Instrument :
 MSVOA_N
 ClientSampleId :

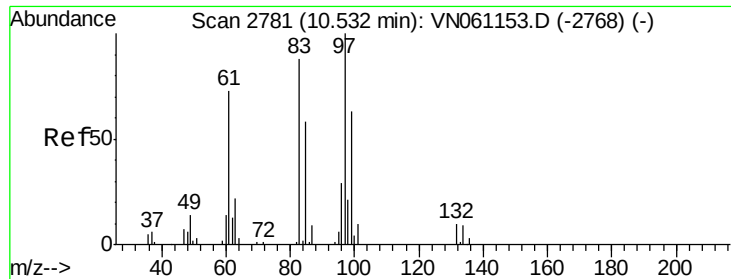
Tot Ion: 75 Resp: 31788
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 14.360 ug/l
 RT: 9.81 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Tgt Ion: 75 Resp: 33804
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.4
 39 60.0 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 14.111 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 18869

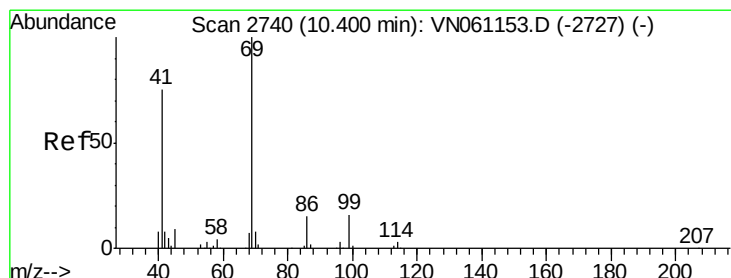
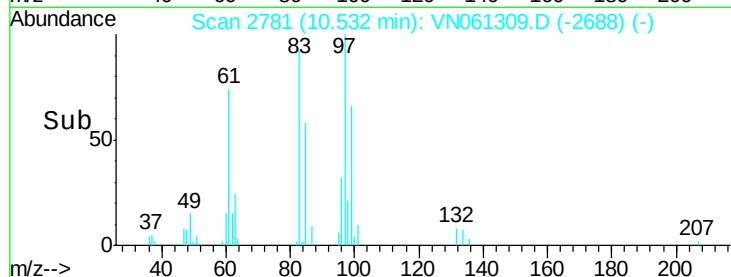
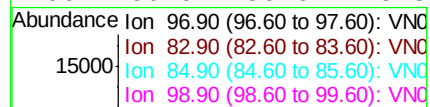
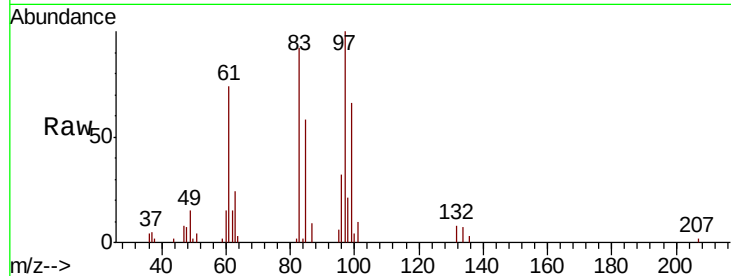
Ion	Ratio	Lower	Upper
97	100		
83	91.7	70.6	106.0
85	57.7	46.4	69.6
99	66.0	50.6	75.8

97 100

83 91.7 70.6 106.0

85 57.7 46.4 69.6

99 66.0 50.6 75.8



#56

Ethyl methacrylate

Concen: 14.308 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

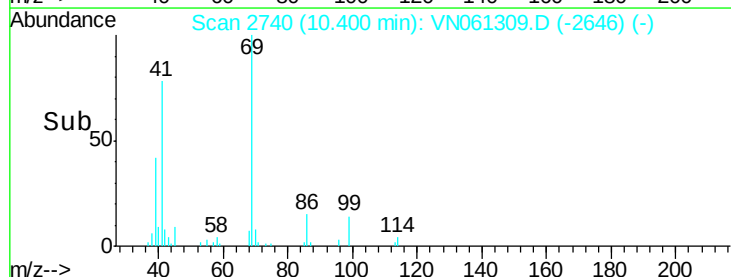
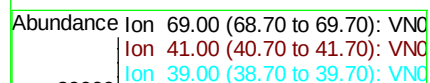
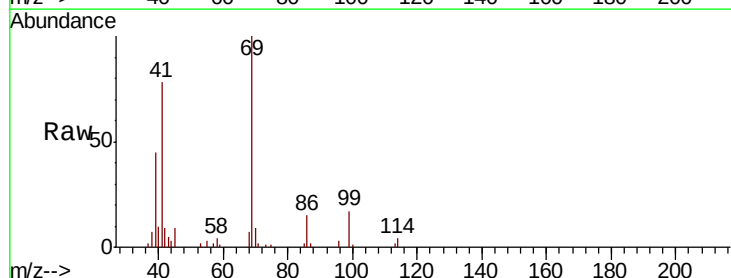
Tgt Ion: 69 Resp: 28541

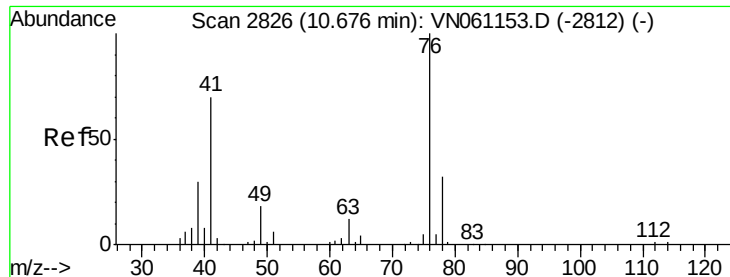
Ion	Ratio	Lower	Upper
69	100		
41	78.0	60.3	90.5
39	46.4	35.9	53.9

69 100

41 78.0 60.3 90.5

39 46.4 35.9 53.9





#57

1,3-Dichloropropane

Concen: 14.741 ug/l

RT: 10.68 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

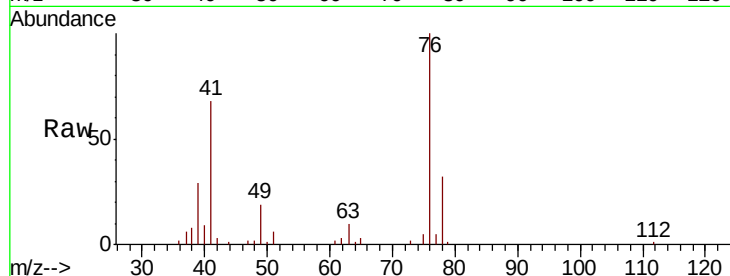
ClientSampled :

Tot Ion: 76 Resp: 34648

Ion Ratio Lower Upper

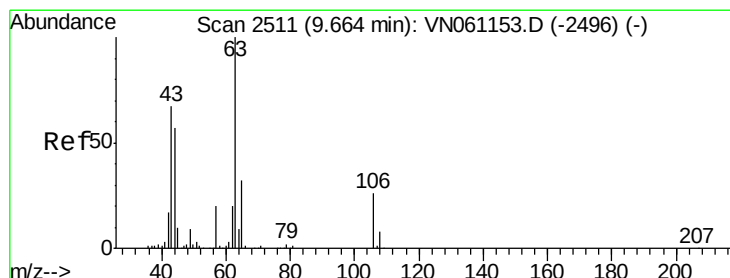
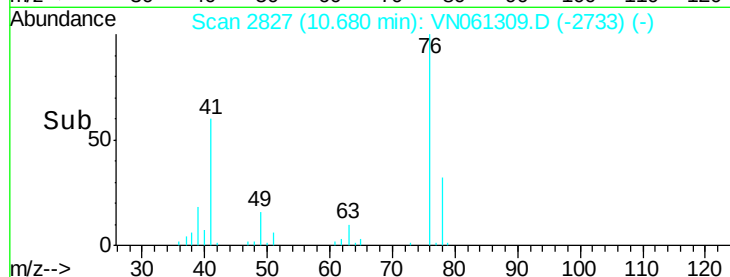
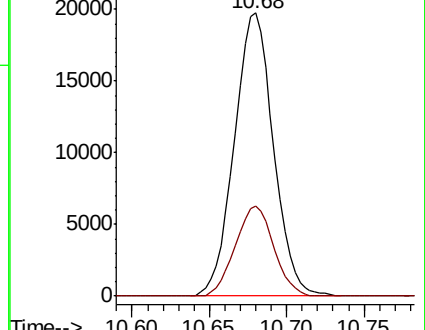
76 100

78 31.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN061153.D (-2812) (-)

Ion 77.90 (77.60 to 78.60): VN061153.D (-2812) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 61.891 ug/l

RT: 9.66 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VN061309.D

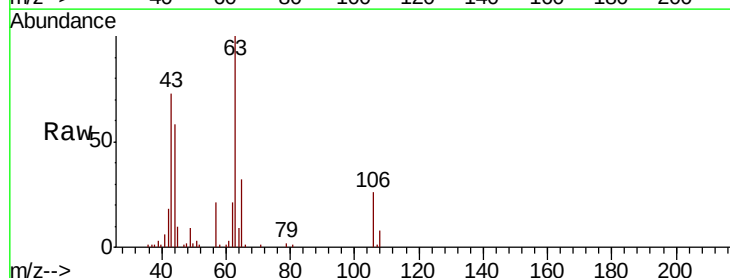
Acq: 6 May 2020 15:03

Tgt Ion: 63 Resp: 66989

Ion Ratio Lower Upper

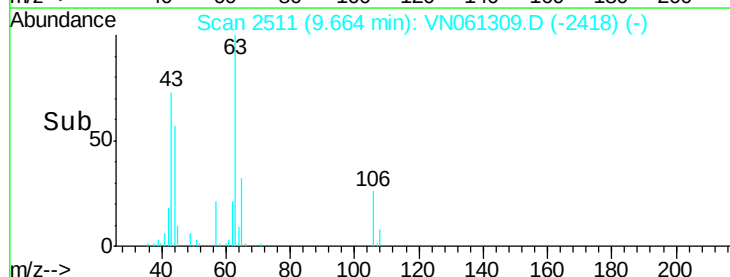
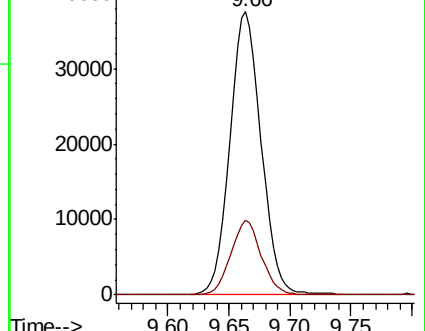
63 100

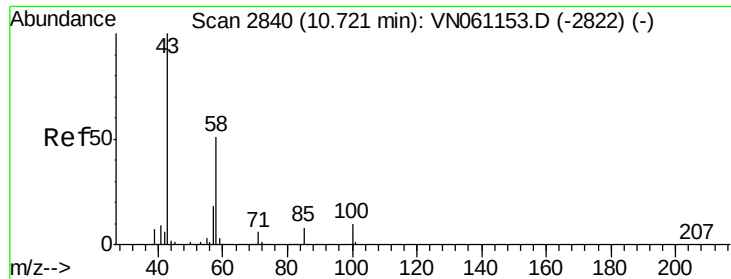
106 25.5 20.6 30.8



Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-2496) (-)

Ion 105.90 (105.60 to 106.60): VN061153.D (-2496) (-)

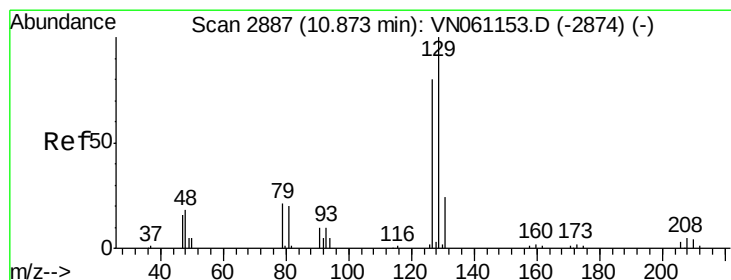
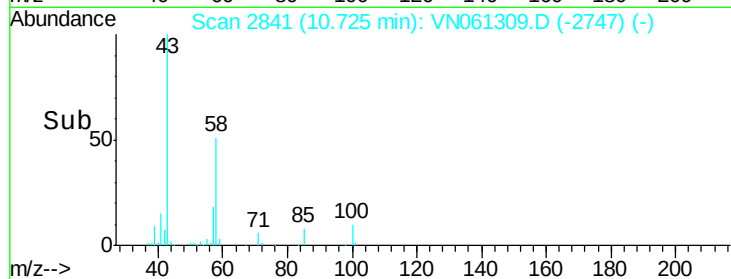
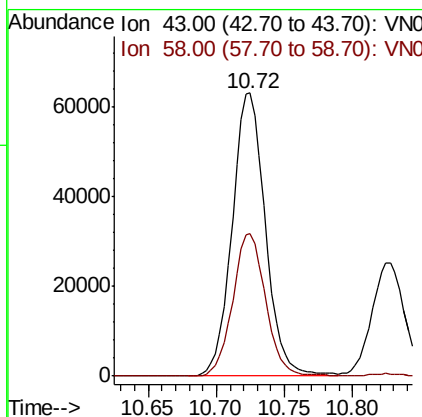
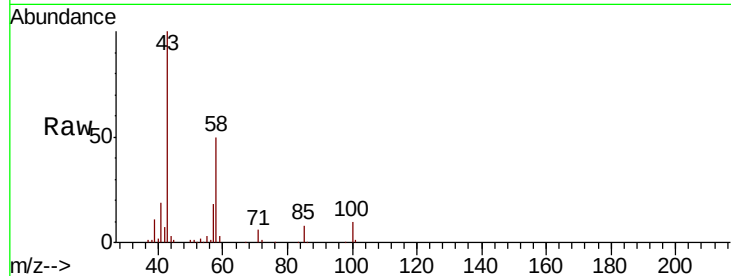




#59
2-Hexanone
Concen: 68.597 ug/l
RT: 10.72 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

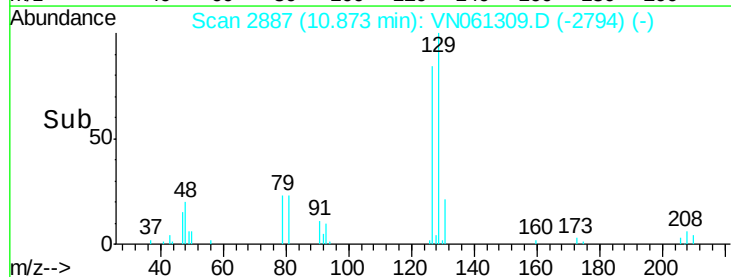
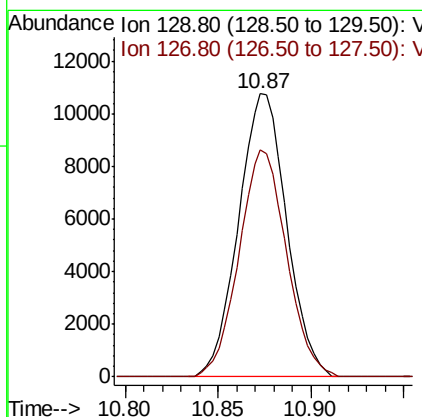
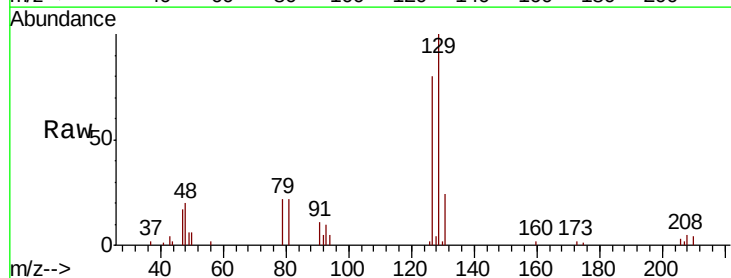
Instrument :
MSVOA_N
ClientSampleId :

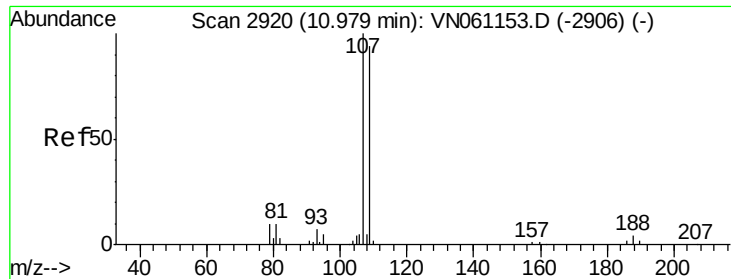
Tot Ion: 43 Resp: 106771
Ion Ratio Lower Upper
43 100
58 50.0 25.4 76.4



#60
Dibromochloromethane
Concen: 13.881 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion: 129 Resp: 19440
Ion Ratio Lower Upper
129 100
127 79.2 39.3 117.8

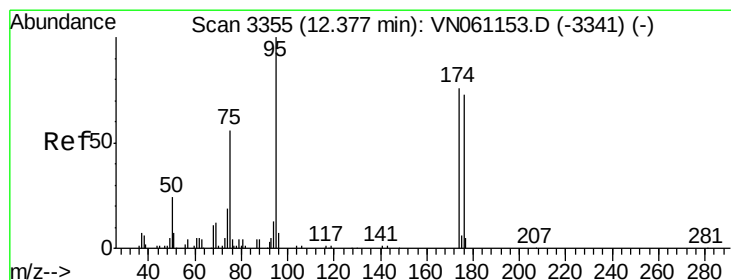
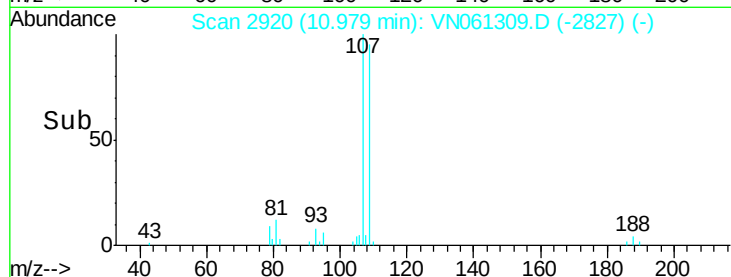
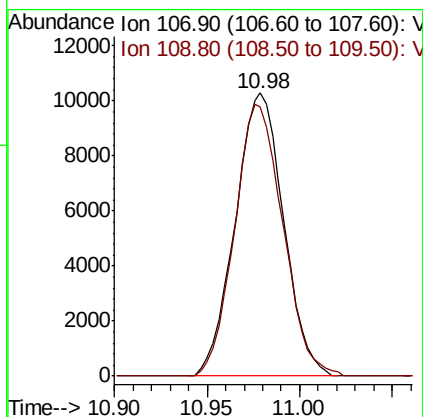
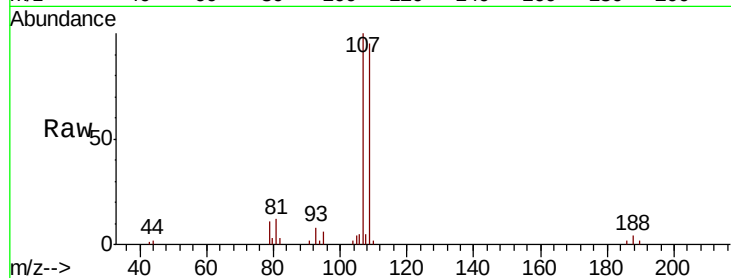




#61
 1,2-Dibromoethane
 Concen: 13.888 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

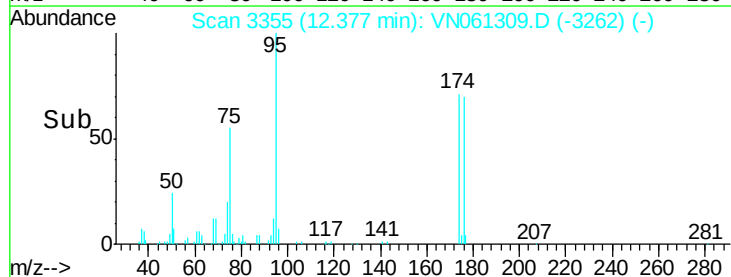
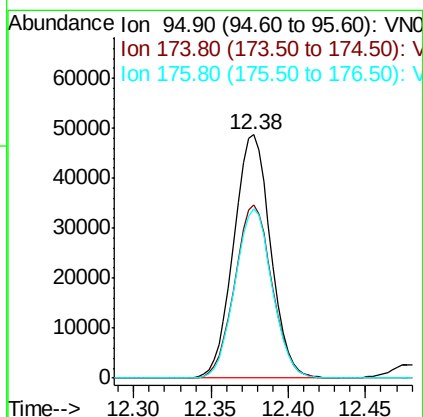
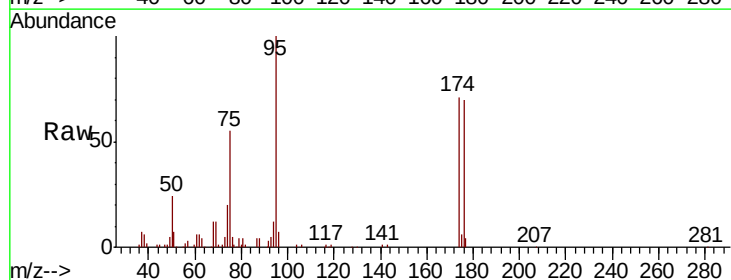
Instrument :
 MSVOA_N
 ClientSampleId :

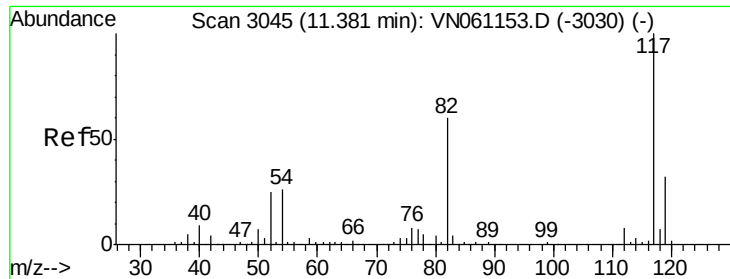
Tot Ion:107 Resp: 18614
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 47.747 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Tgt Ion: 95 Resp: 80830
 Ion Ratio Lower Upper
 95 100
 174 72.1 0.0 149.4
 176 69.9 0.0 144.8

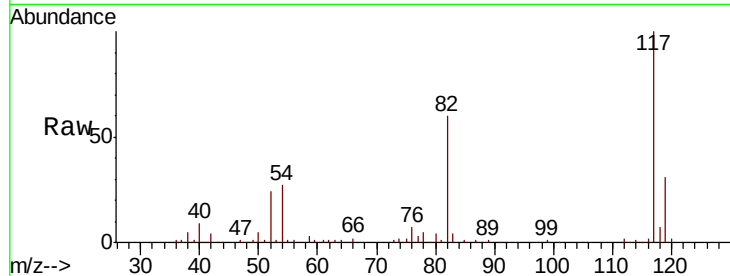




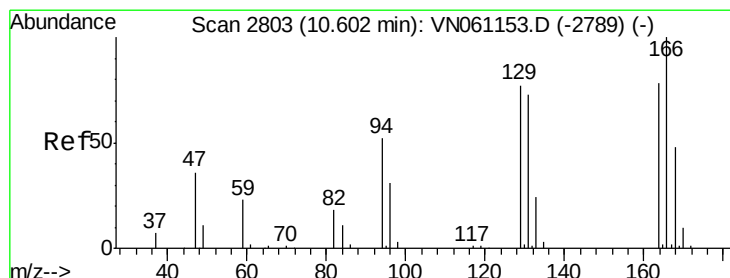
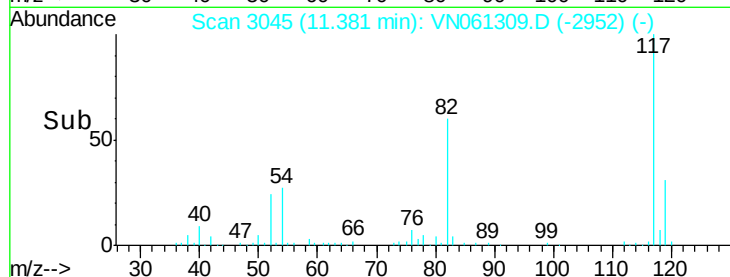
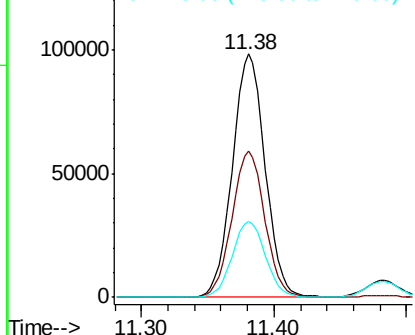
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 168437
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.8
119 31.3 25.8 38.6

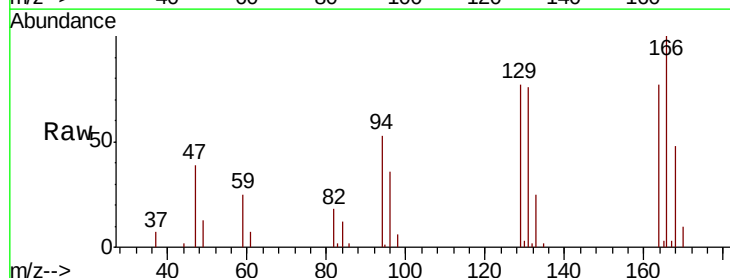


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

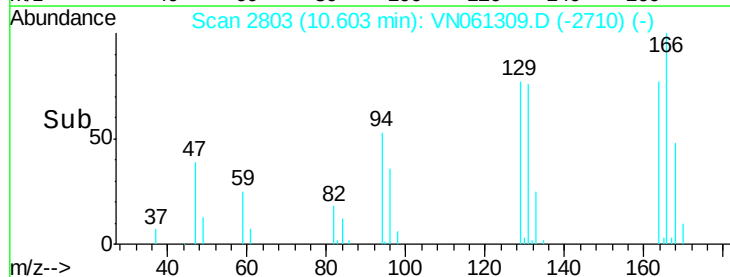
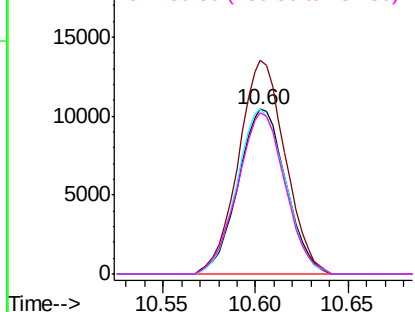


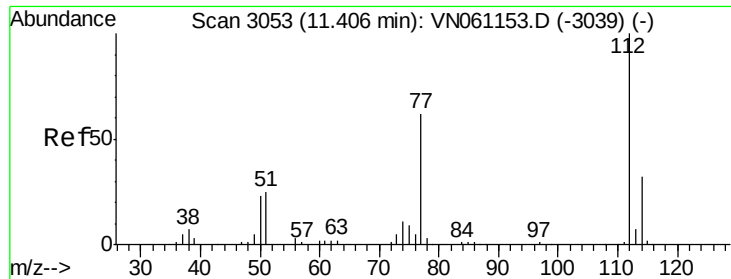
#64
Tetrachloroethene
Concen: 12.792 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion:164 Resp: 18661
Ion Ratio Lower Upper
164 100
166 129.4 102.0 153.0
129 99.9 78.2 117.2
131 98.0 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

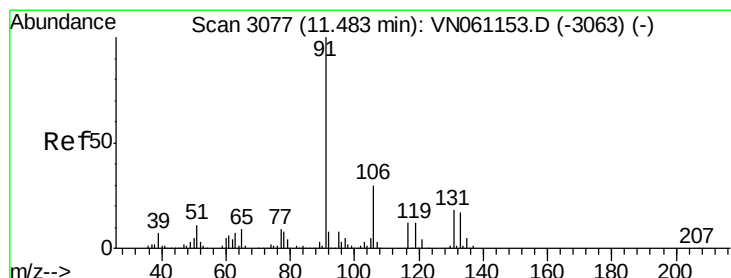
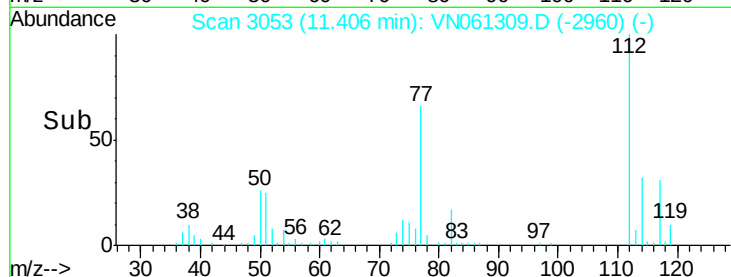
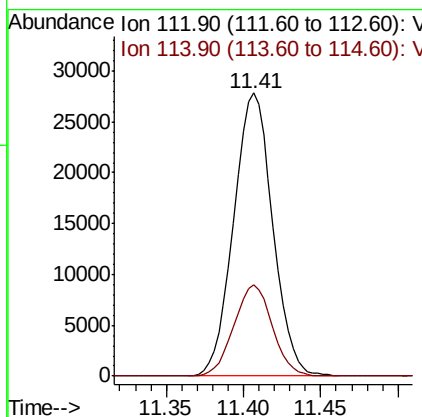
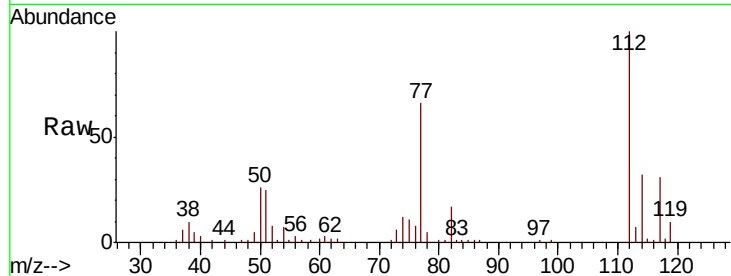




#65
Chlorobenzene
Concen: 14.586 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

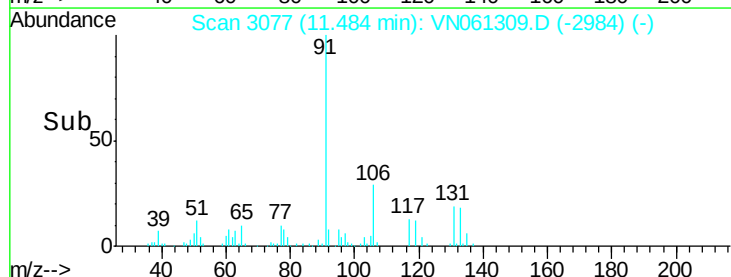
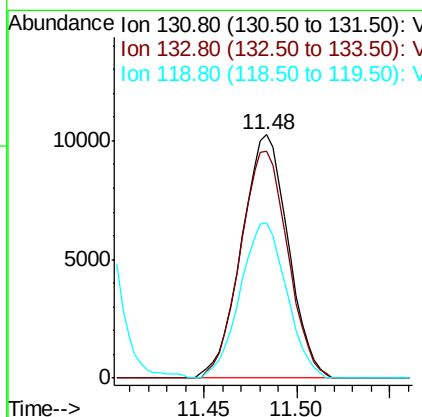
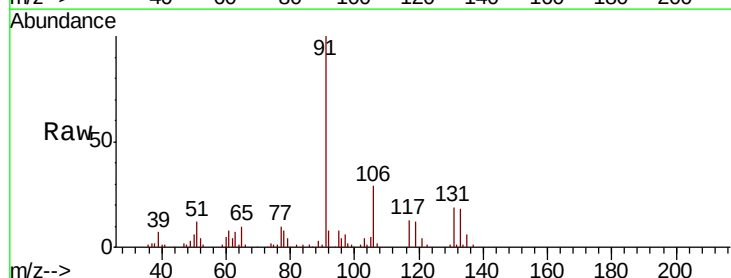
Instrument :
MSVOA_N
ClientSampled :

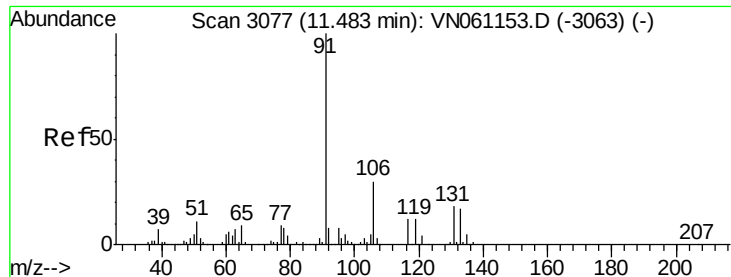
Tot Ion:112 Resp: 48736
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 14.971 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion:131 Resp: 17903
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 63.6 32.6 97.8

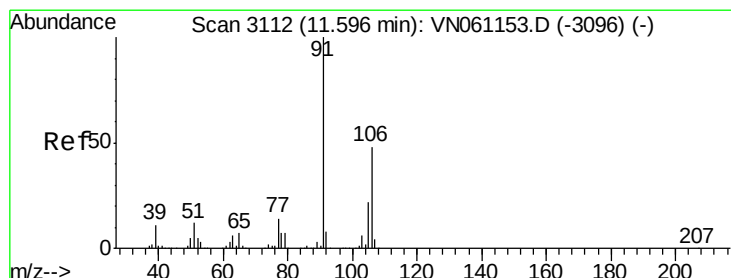
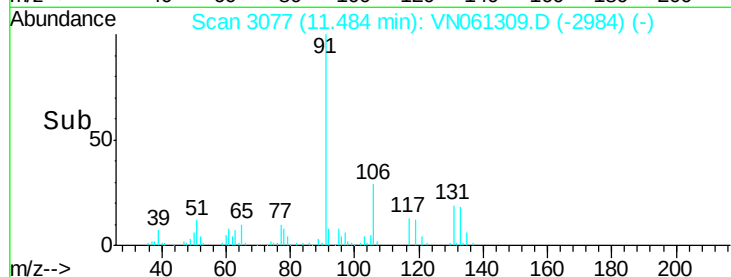
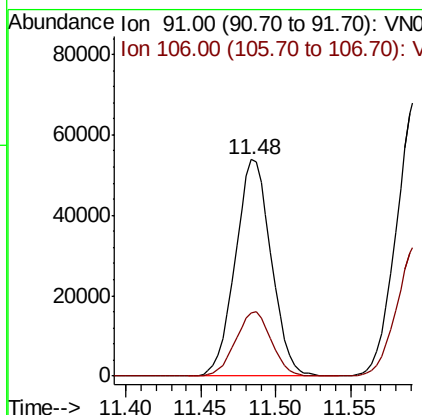
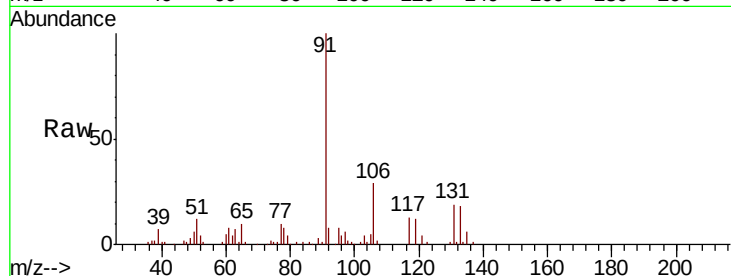




#67
Ethyl Benzene
Concen: 14.374 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

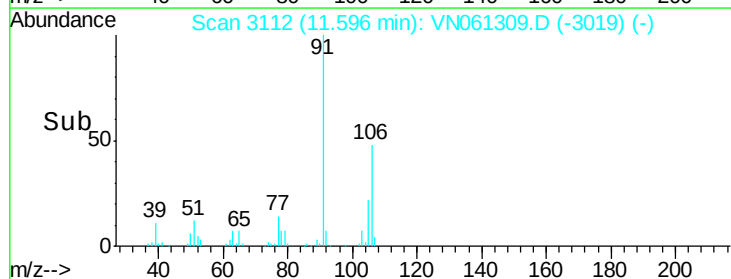
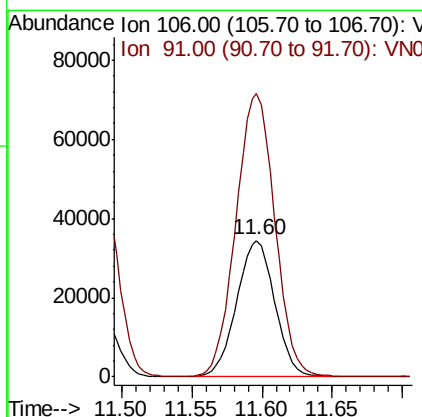
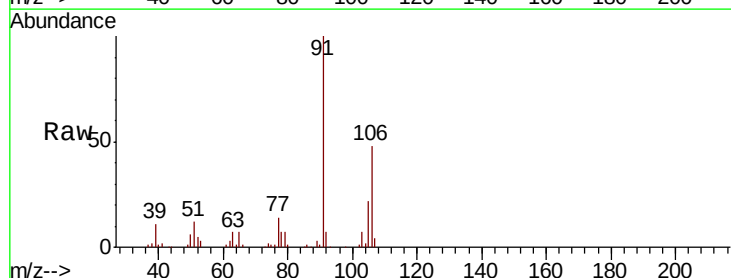
Instrument :
MSVOA_N
ClientSampled :

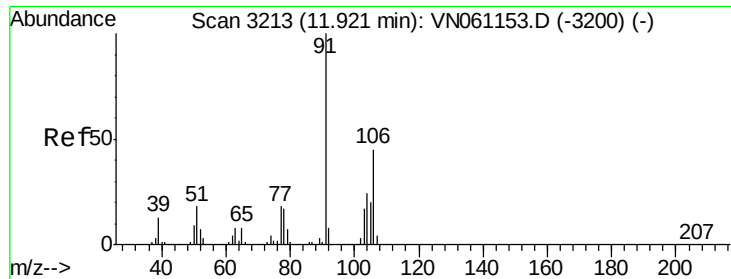
Tot Ion: 91 Resp: 89905
Ion Ratio Lower Upper
91 100
106 29.4 23.8 35.6



#68
m/p-Xylenes
Concen: 28.486 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion: 106 Resp: 65216
Ion Ratio Lower Upper
106 100
91 212.4 166.4 249.6

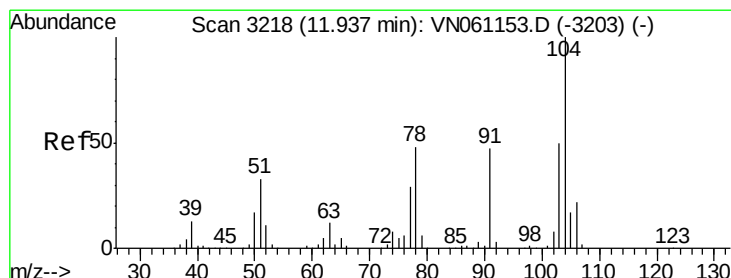
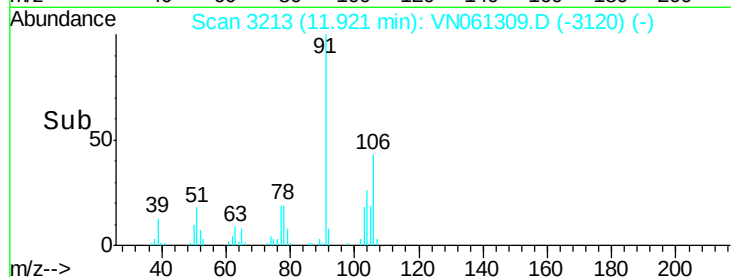
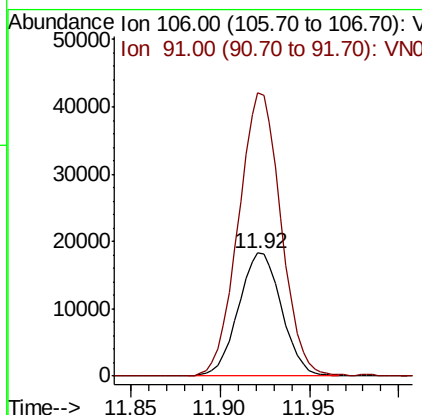
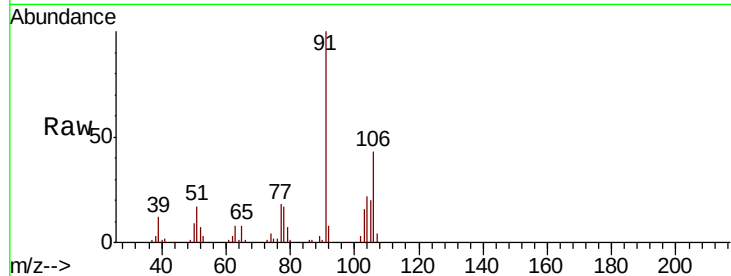




#69
o-Xylene
Concen: 13.955 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

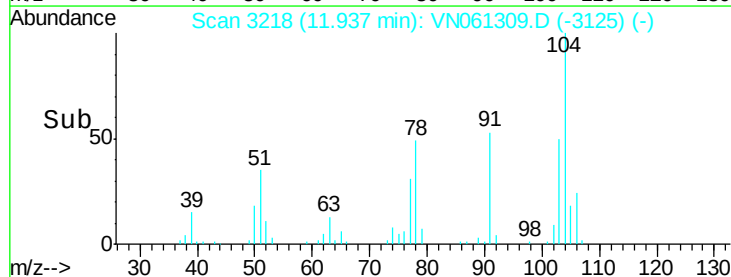
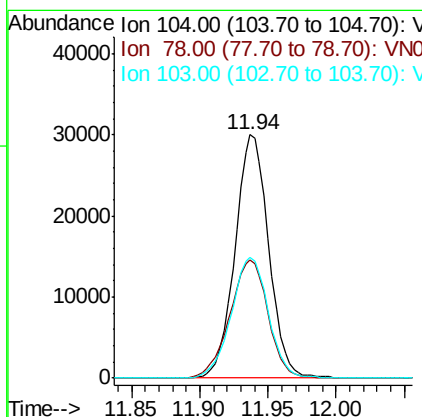
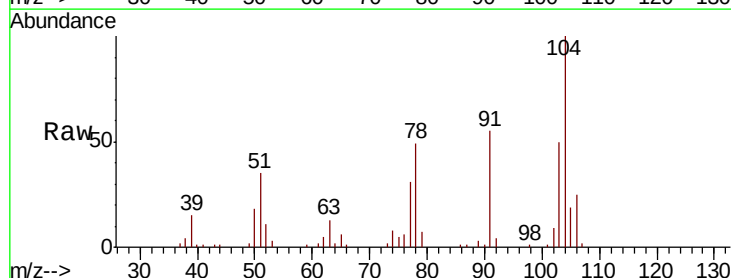
Instrument :
MSVOA_N
ClientSampled :

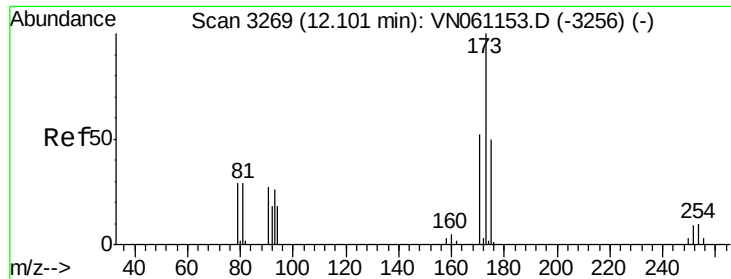
Tot Ion:106 Resp: 30690
Ion Ratio Lower Upper
106 100
91 227.5 109.7 329.0



#70
Styrene
Concen: 13.936 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion:104 Resp: 51294
Ion Ratio Lower Upper
104 100
78 54.8 42.1 63.1
103 54.6 43.3 64.9





#71

Bromoform

Concen: 14.278 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

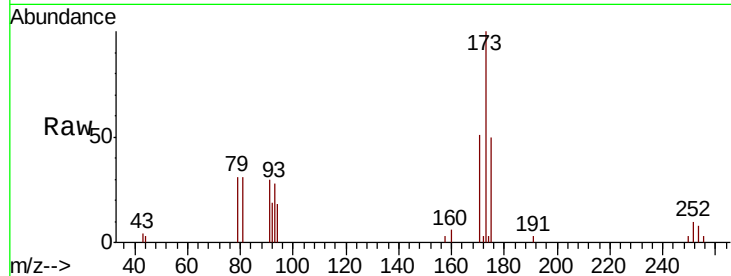
Tot Ion:173 Resp: 12549

Ion Ratio Lower Upper

173 100

175 50.3 24.1 72.4

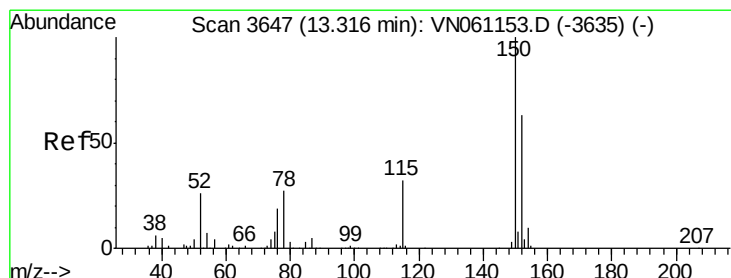
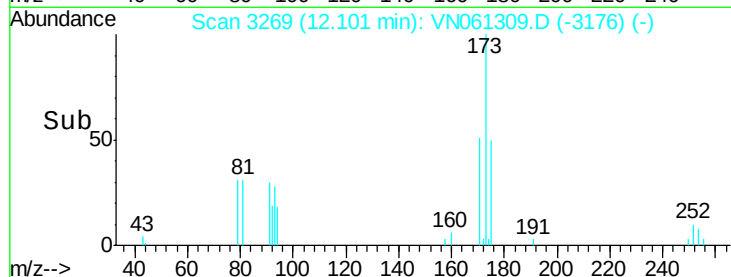
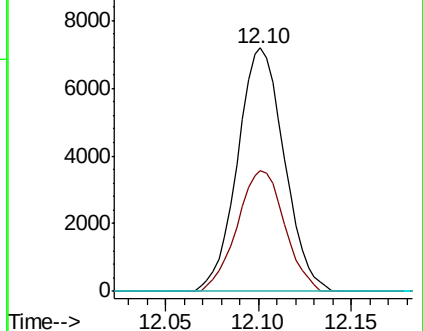
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

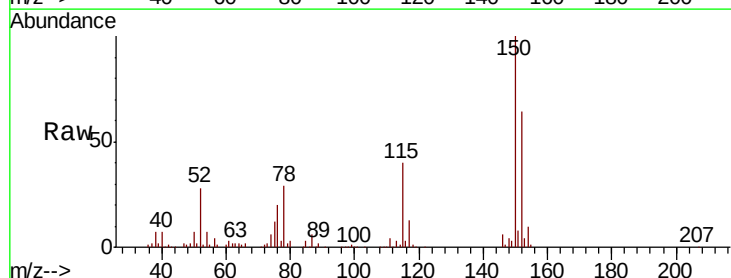
Tgt Ion:152 Resp: 77751

Ion Ratio Lower Upper

152 100

115 62.8 31.0 93.0

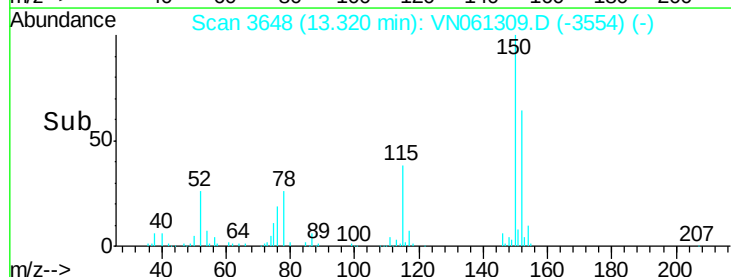
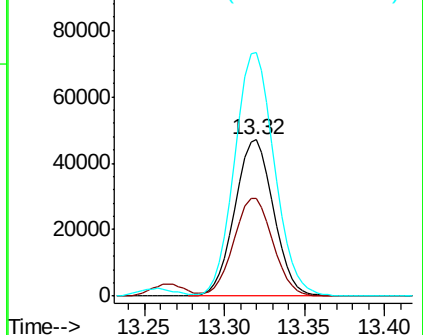
150 160.7 0.0 351.8

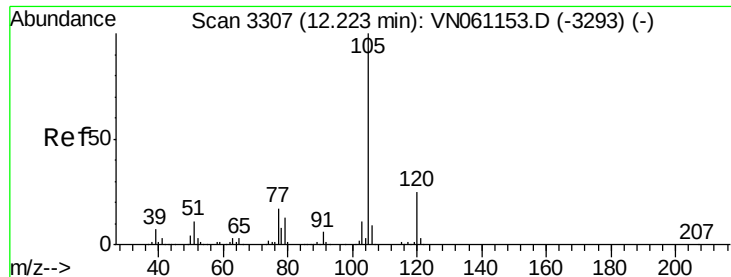


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 14.670 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

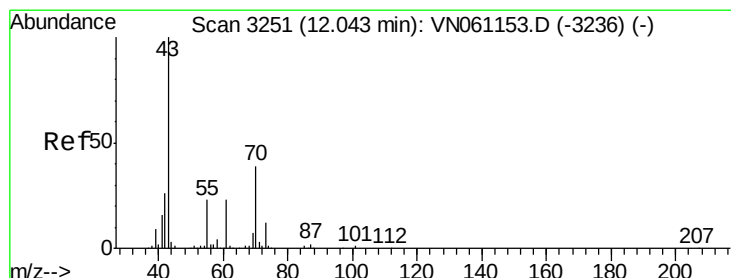
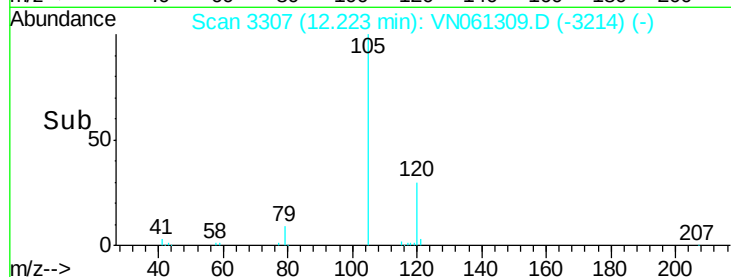
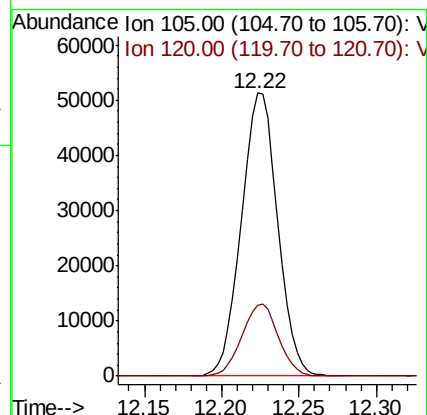
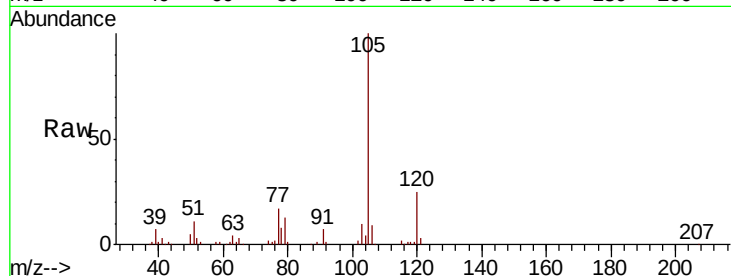
ClientSampled :

Tot Ion:105 Resp: 83852

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 14.202 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Tgt Ion: 43 Resp: 41107

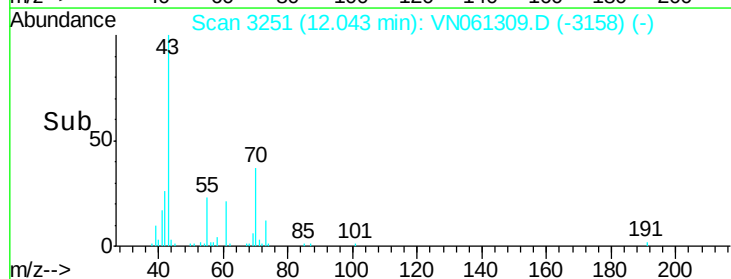
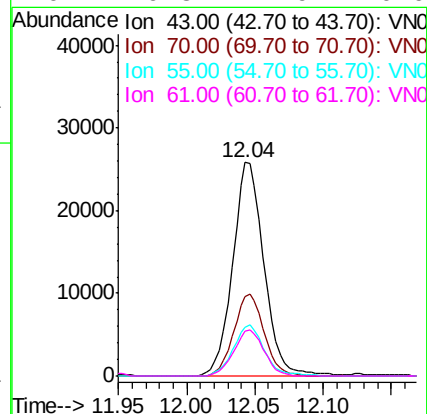
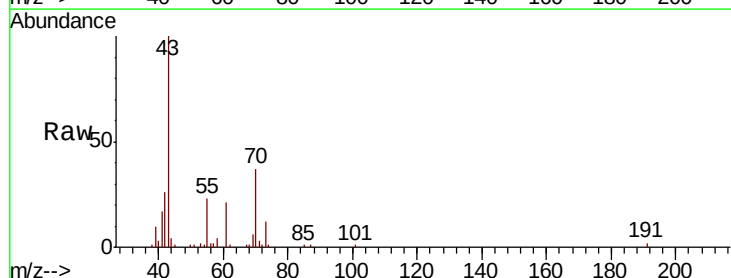
Ion Ratio Lower Upper

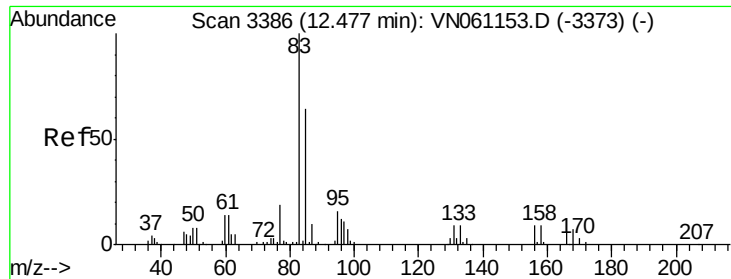
43 100

70 37.1 30.6 46.0

55 23.7 18.5 27.7

61 20.8 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 15.345 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

ClientSampled :

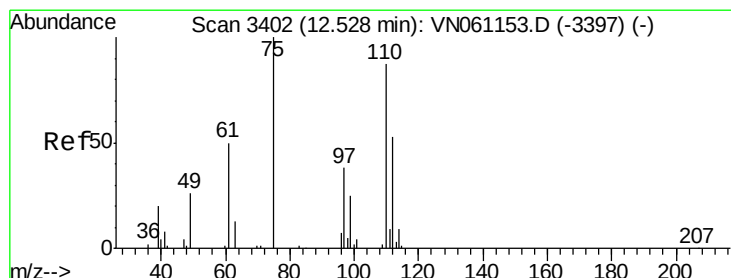
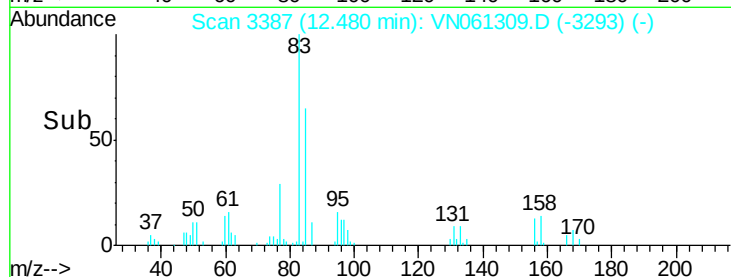
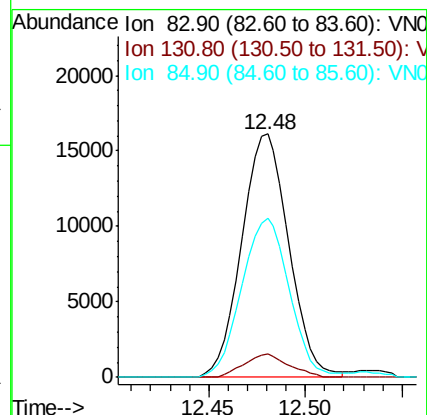
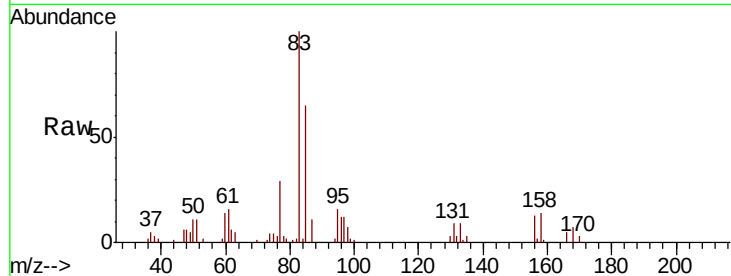
Tot Ion: 83 Resp: 27349

Ion Ratio Lower Upper

83 100

131 9.0 4.8 14.3

85 65.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 22.529 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061309.D

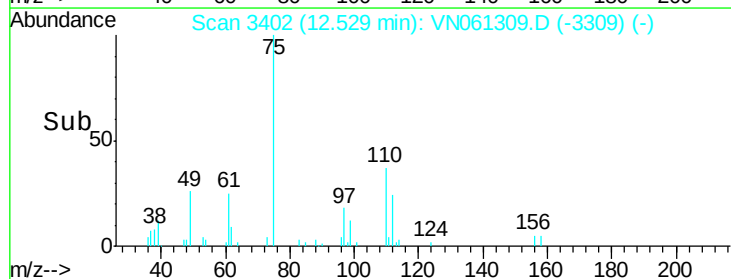
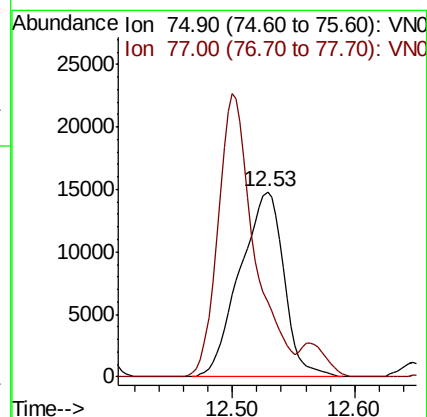
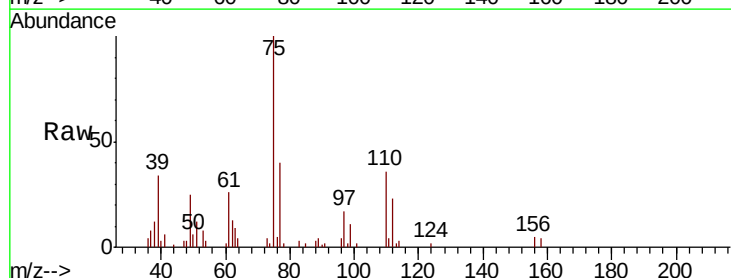
Acq: 6 May 2020 15:03

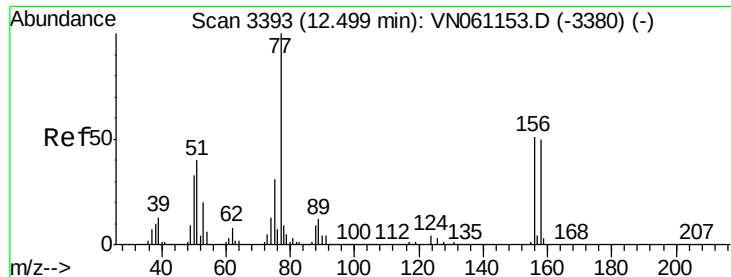
Tgt Ion: 75 Resp: 36930

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 14.786 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

ClientSampled :

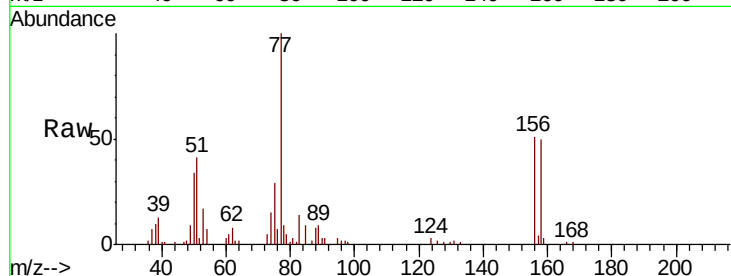
Tot Ion:156 Resp: 19509

Ion Ratio Lower Upper

156 100

77 242.0 117.4 352.2

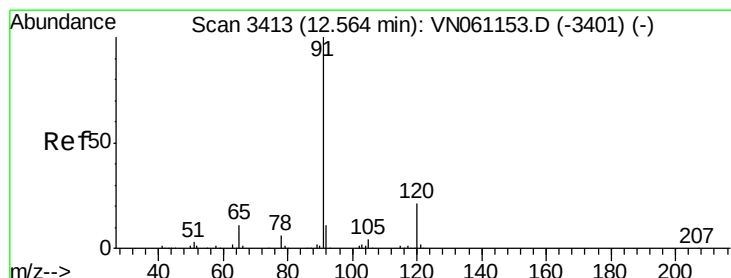
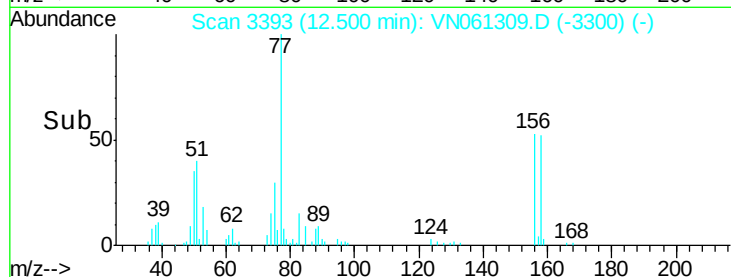
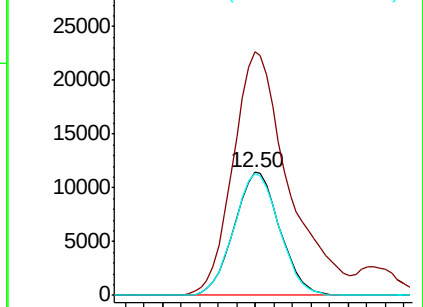
158 99.0 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 14.610 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061309.D

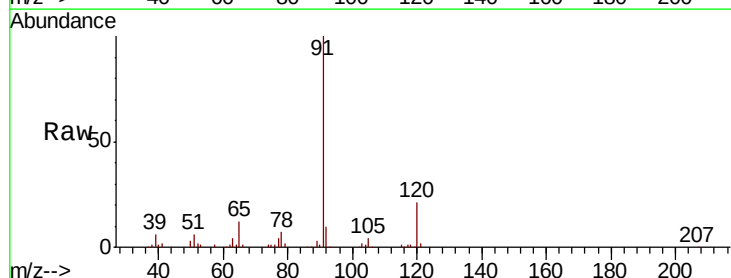
Acq: 6 May 2020 15:03

Tgt Ion: 91 Resp: 99048

Ion Ratio Lower Upper

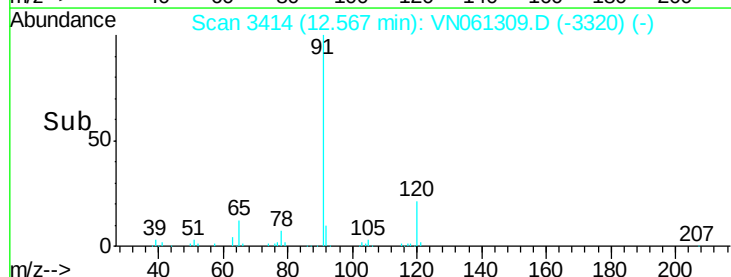
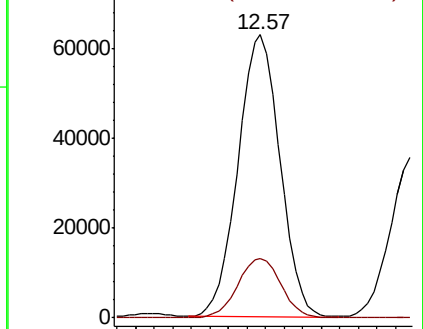
91 100

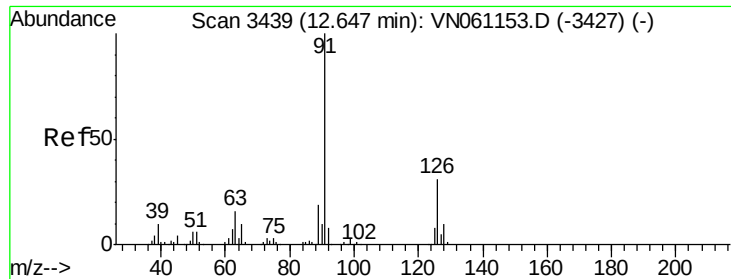
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 14.842 ug/l

RT: 12.65 min Scan# 3440

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

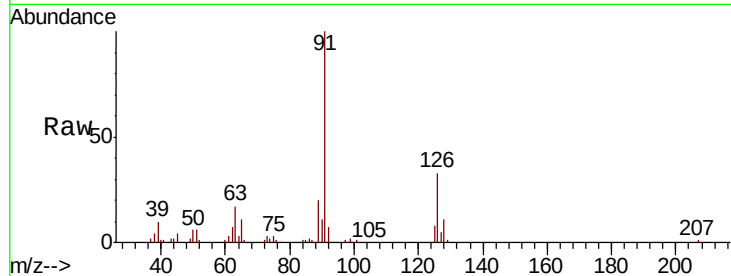
ClientSampled :

Tot Ion: 91 Resp: 59145

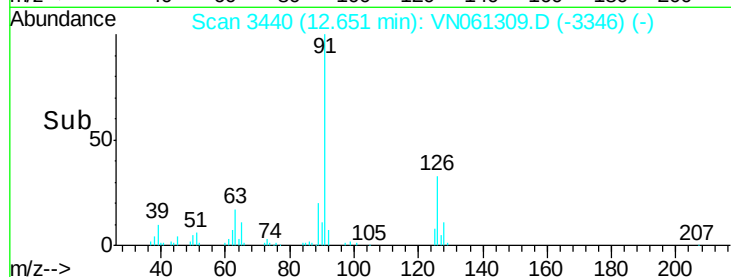
Ion Ratio Lower Upper

91 100

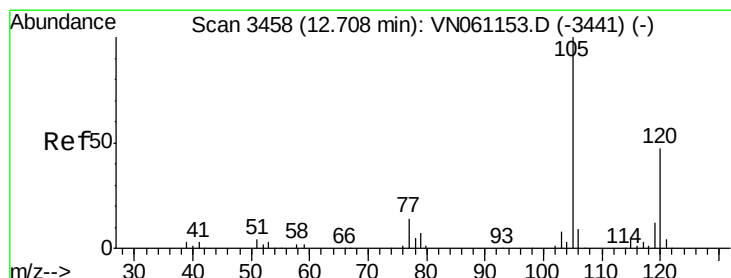
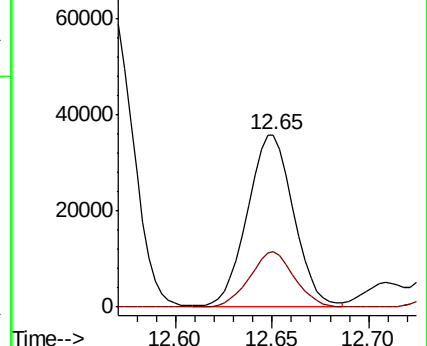
126 31.5 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061309.D (-3346) (-)



Ion 125.90 (125.60 to 126.60): VN061309.D (-3346) (-)



#80

1,3,5-Trimethylbenzene

Concen: 14.612 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061309.D

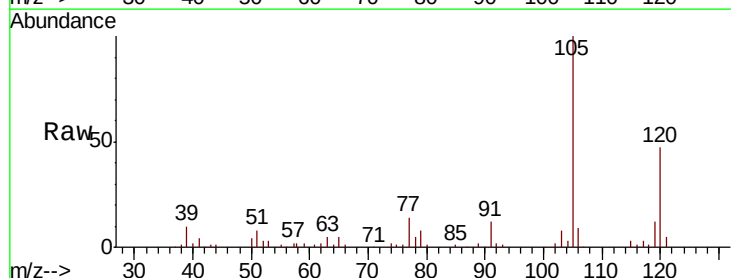
Acq: 6 May 2020 15:03

Tgt Ion: 105 Resp: 69127

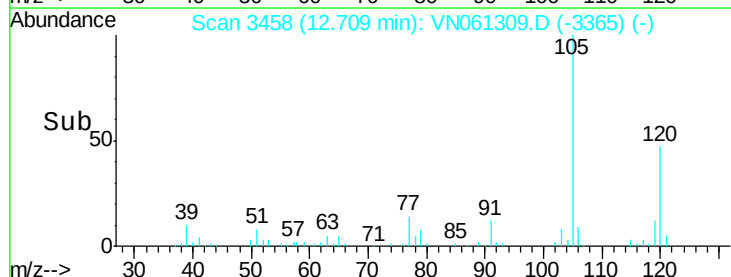
Ion Ratio Lower Upper

105 100

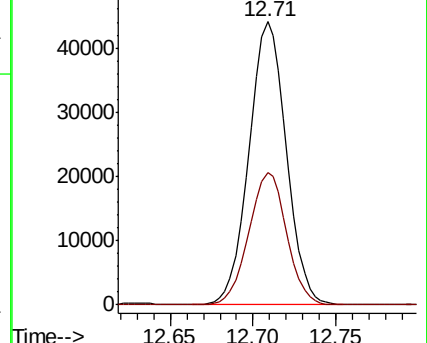
120 47.1 23.9 71.7

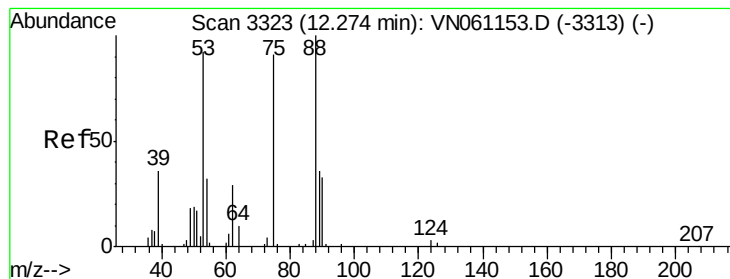


Abundance Ion 105.00 (104.70 to 105.70): VN061309.D (-3365) (-)



Ion 120.00 (119.70 to 120.70): VN061309.D (-3365) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 14.611 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

ClientSampled :

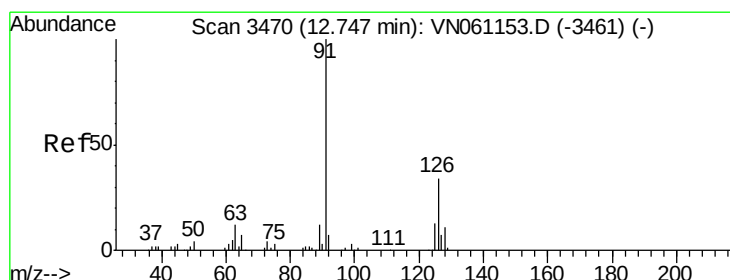
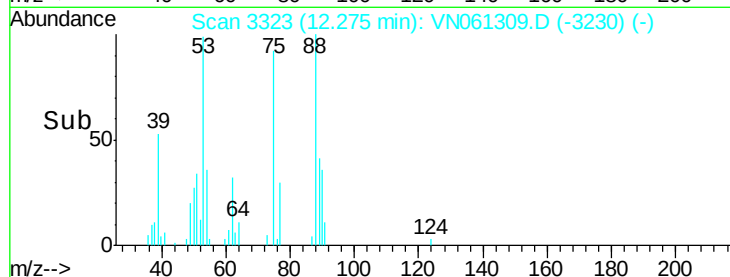
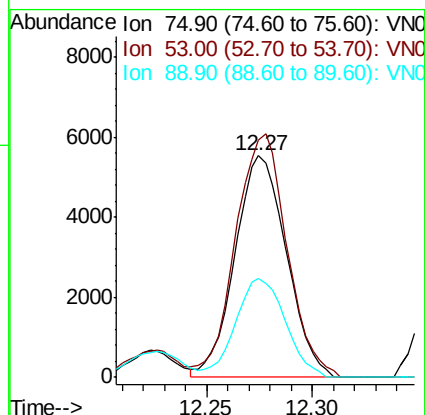
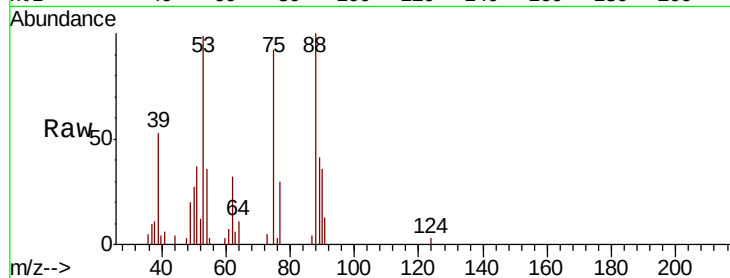
Tot Ion: 75 Resp: 9431

Ion Ratio Lower Upper

75 100

53 109.7 84.1 126.1

89 43.3 35.2 52.8



#82

4-Chlorotoluene

Concen: 14.927 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061309.D

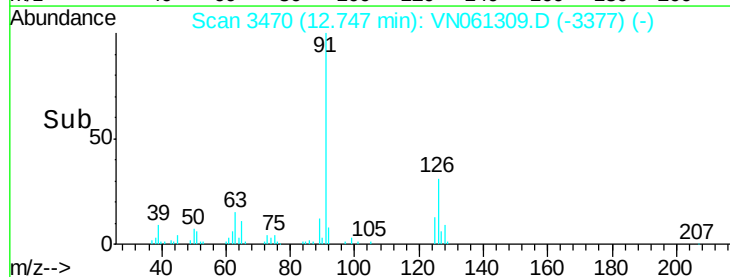
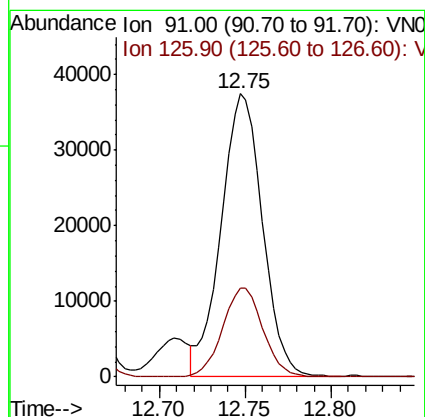
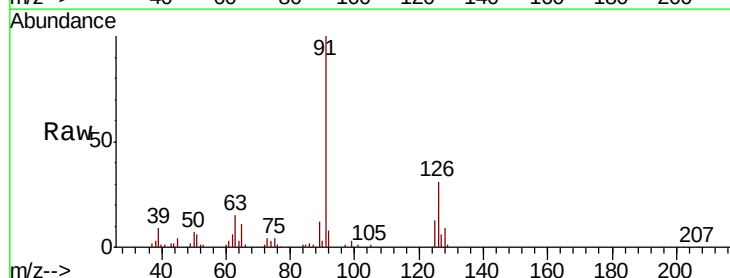
Acq: 6 May 2020 15:03

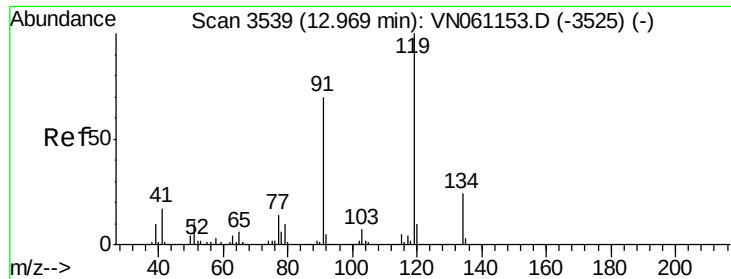
Tgt Ion: 91 Resp: 62693

Ion Ratio Lower Upper

91 100

126 30.6 15.7 47.1

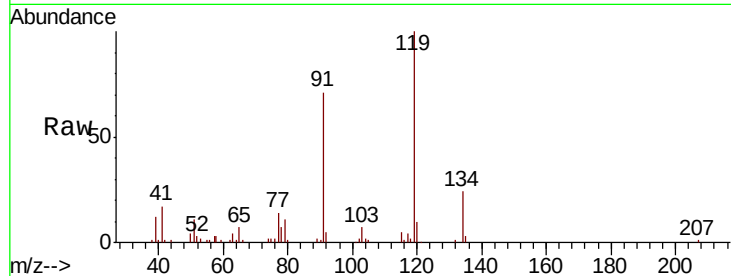




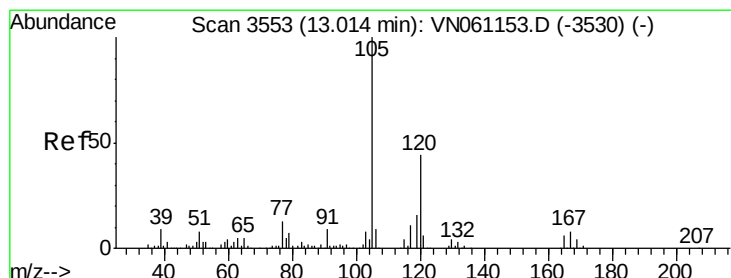
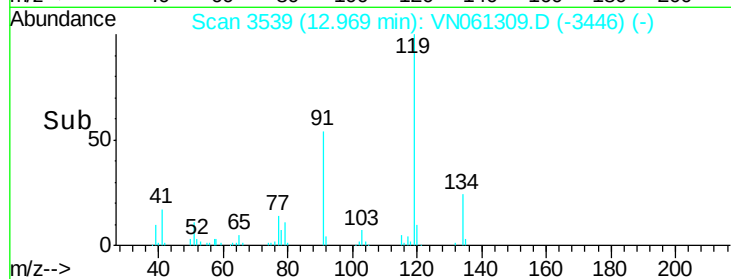
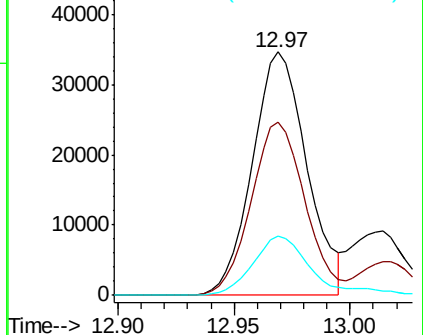
#83
 tert-Butylbenzene
 Concen: 14.225 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 56742
 Ion Ratio Lower Upper
 119 100
 91 70.5 34.8 104.4
 134 26.1 12.9 38.7

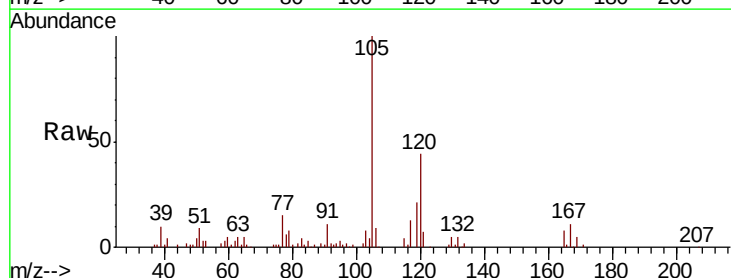


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

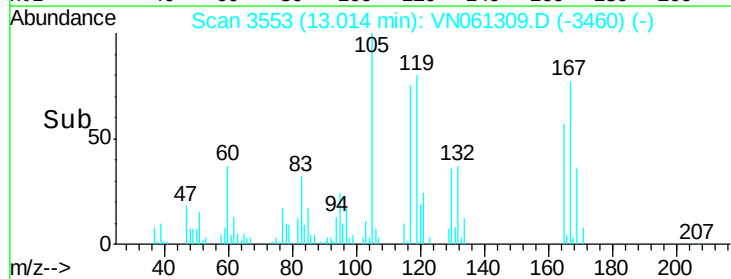
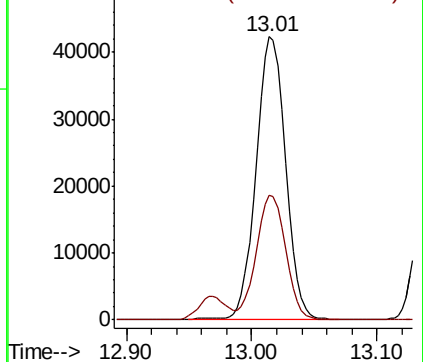


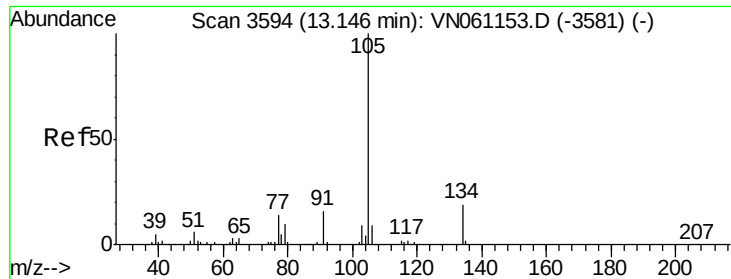
#84
 1,2,4-Trimethylbenzene
 Concen: 14.271 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Tgt Ion:105 Resp: 69558
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.2 66.6



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





#85

sec-Butylbenzene

Concen: 13.792 ug/l

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

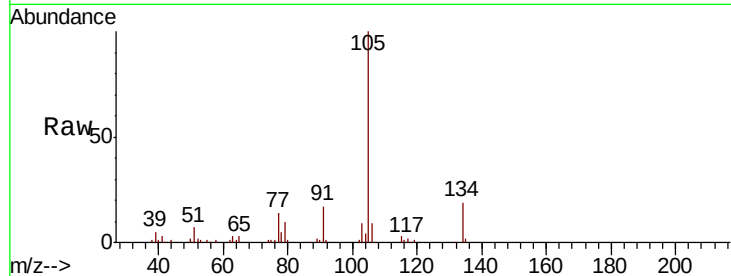
ClientSampleId :

Tot Ion:105 Resp: 75008

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

50000

40000

30000

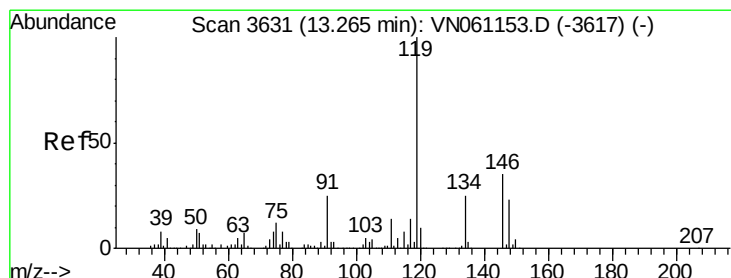
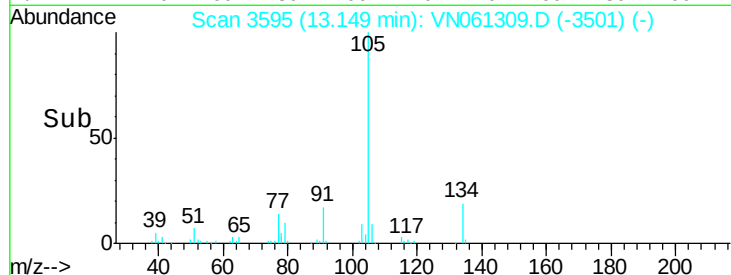
20000

10000

0

Time-->

13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 13.618 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

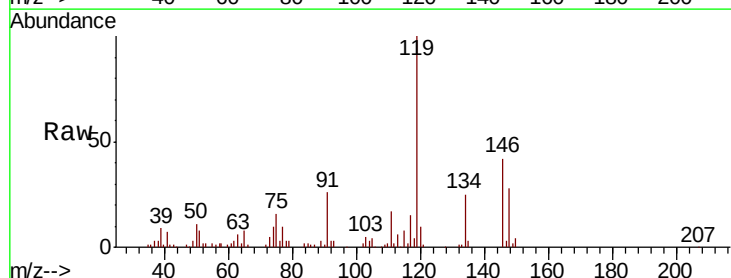
Tgt Ion:119 Resp: 66731

Ion Ratio Lower Upper

119 100

134 24.5 12.6 37.6

91 25.3 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

50000

40000

30000

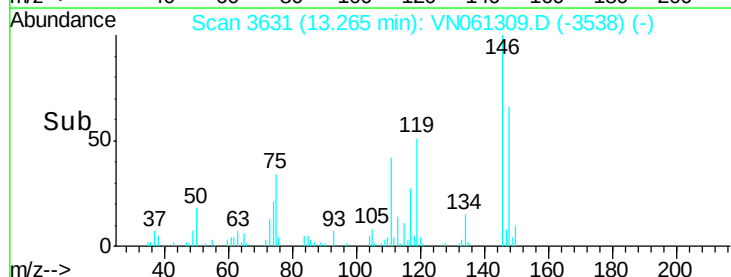
20000

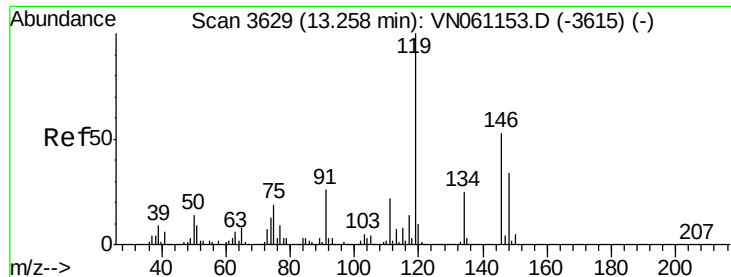
10000

0

Time-->

13.20 13.25 13.30





#87

1,3-Dichlorobenzene

Concen: 14.489 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

ClientSampled :

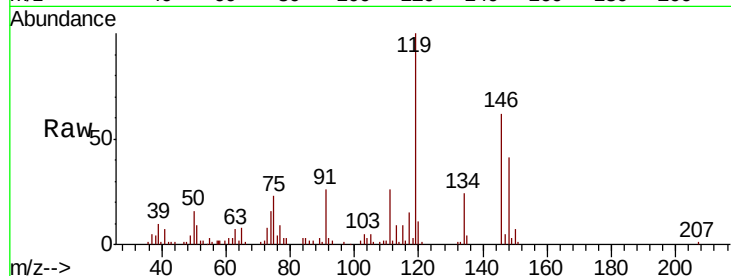
Tot Ion:146 Resp: 35195

Ion Ratio Lower Upper

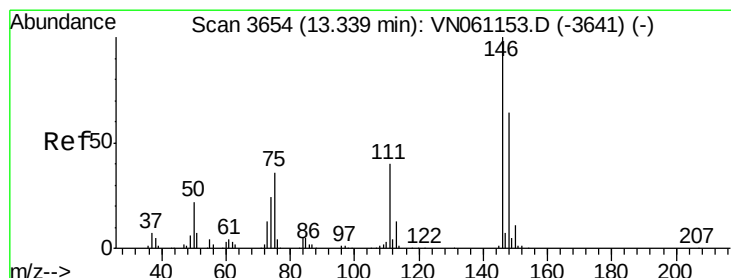
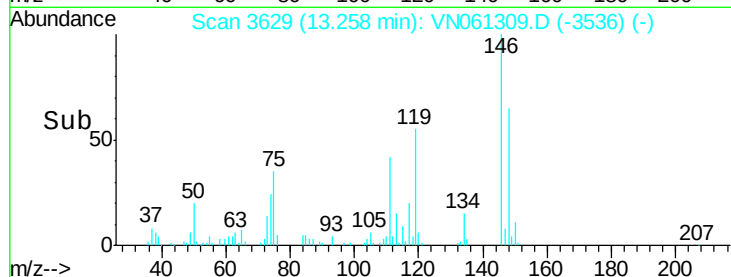
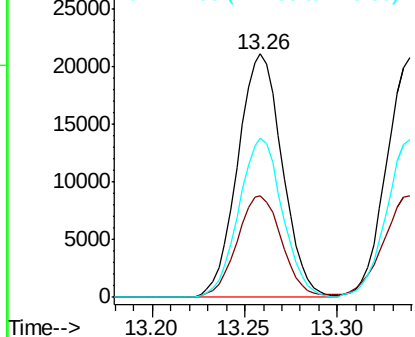
146 100

111 42.2 20.7 62.1

148 63.9 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: 14.233 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

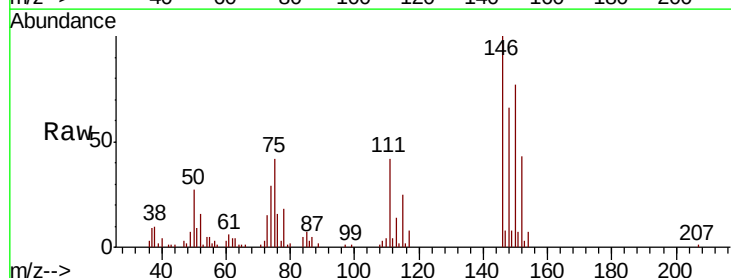
Tgt Ion:146 Resp: 35325

Ion Ratio Lower Upper

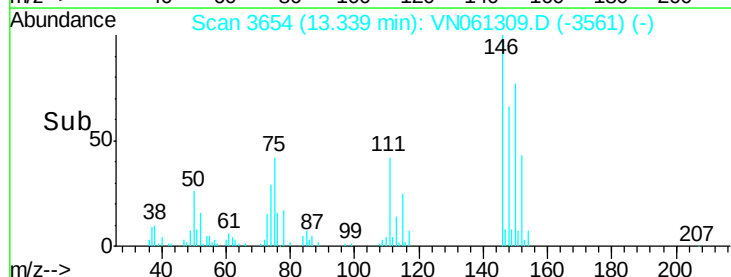
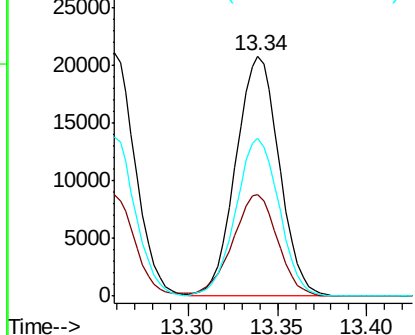
146 100

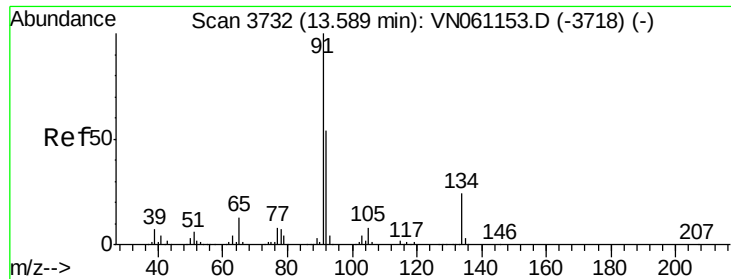
111 43.9 20.4 61.3

148 65.7 31.9 95.7



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

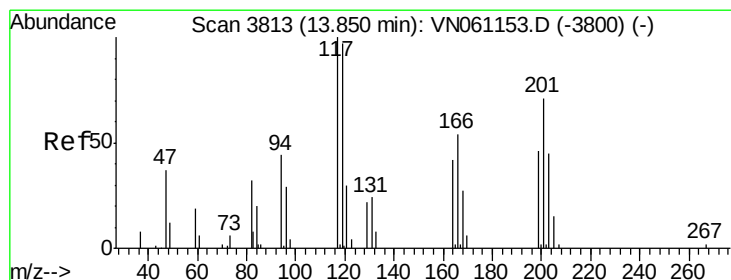
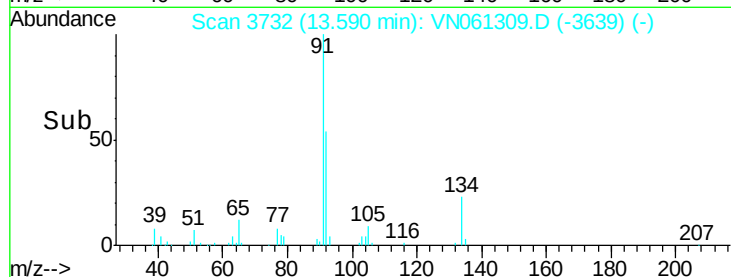
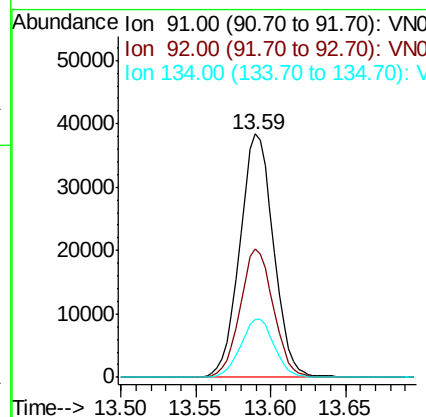
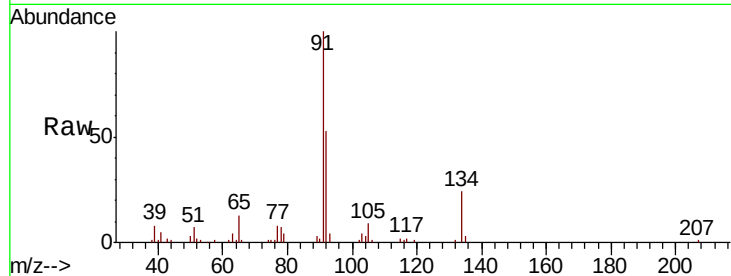




#89
n-Butylbenzene
Concen: 13.422 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

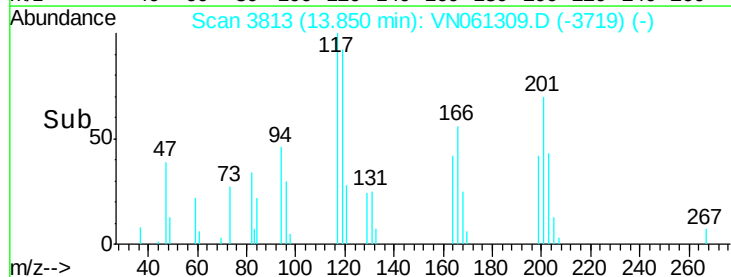
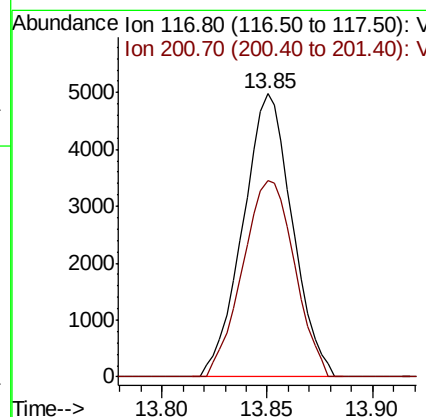
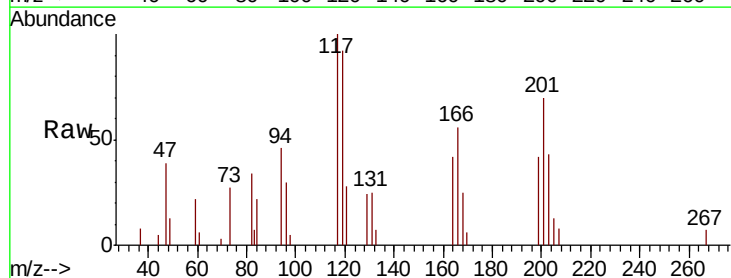
Instrument :
MSVOA_N
ClientSampled :

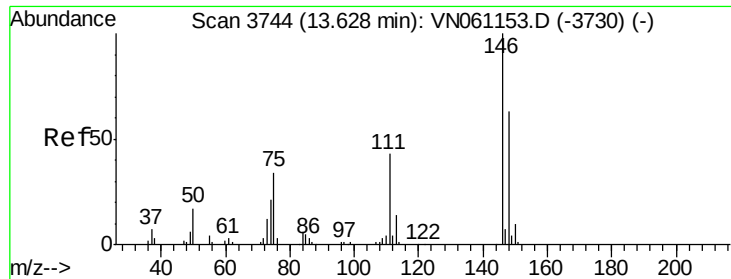
Tot Ion: 91 Resp: 60292
Ion Ratio Lower Upper
91 100
92 52.0 26.8 80.3
134 23.6 11.9 35.5



#90
Hexachloroethane
Concen: 21.074 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061309.D
Acq: 6 May 2020 15:03

Tgt Ion: 117 Resp: 8110
Ion Ratio Lower Upper
117 100
201 72.7 35.5 106.7

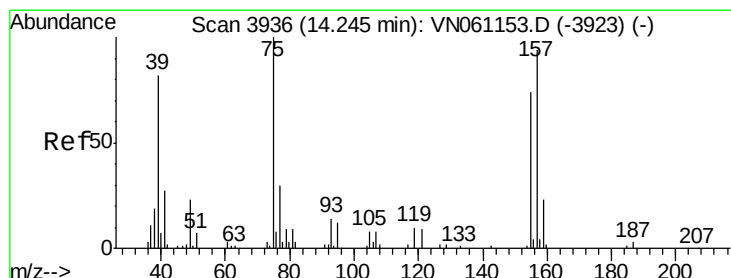
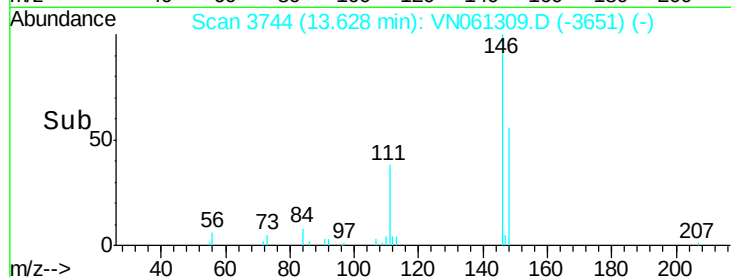
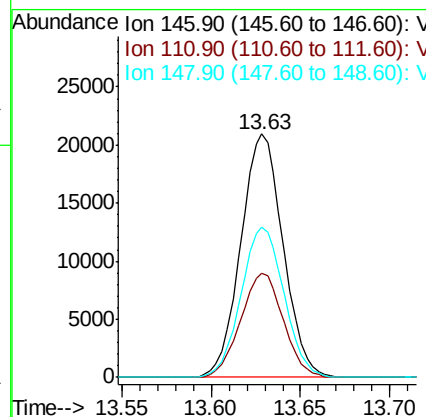
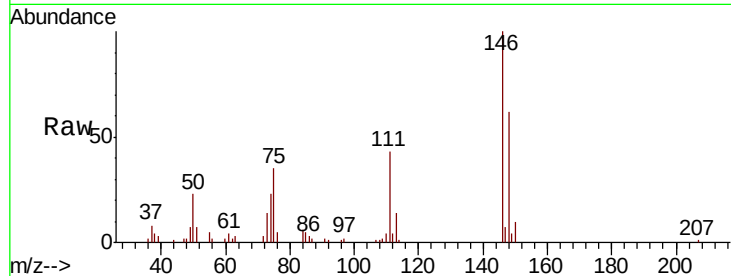




#91
 1,2-Dichlorobenzene
 Concen: 14.873 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

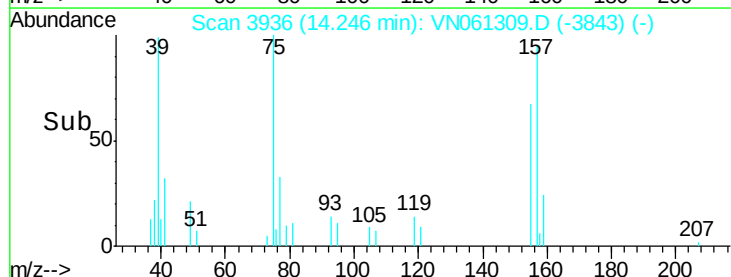
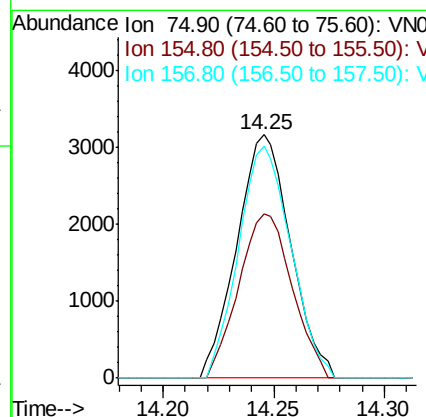
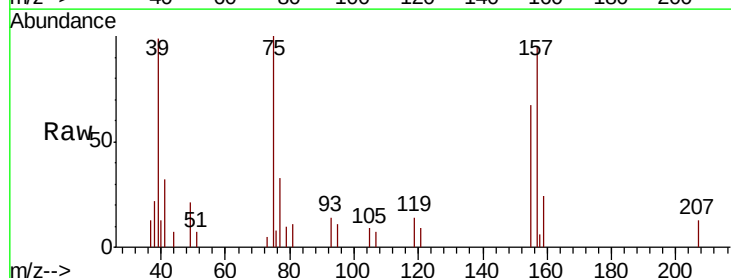
Instrument :
 MSVOA_N
 ClientSampled :

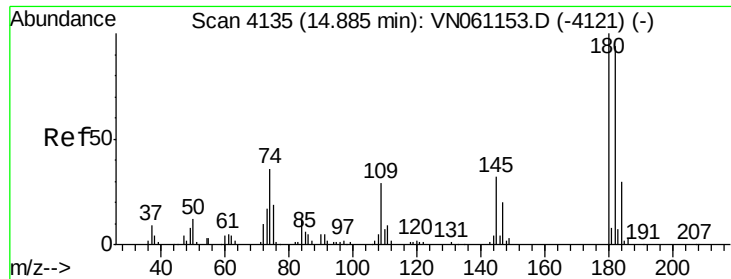
Tot Ion:146 Resp: 34641
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.8 65.3
 148 62.8 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.194 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Tgt Ion: 75 Resp: 5343
 Ion Ratio Lower Upper
 75 100
 155 67.0 36.5 109.7
 157 92.7 46.6 139.7

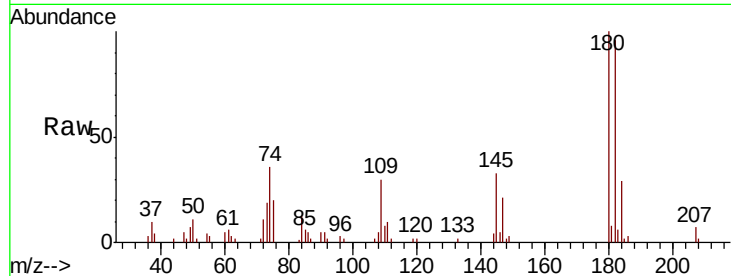




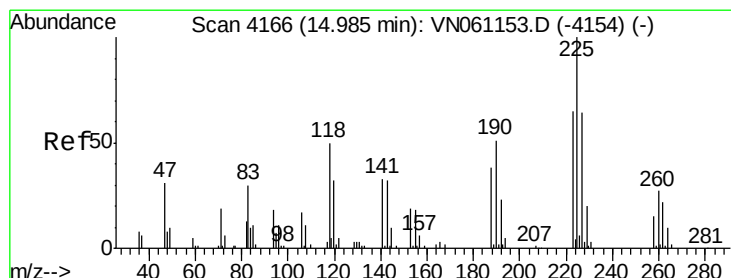
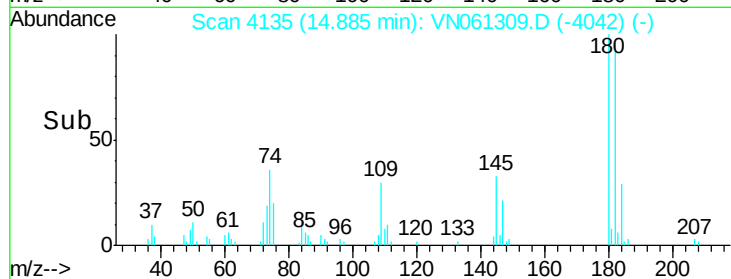
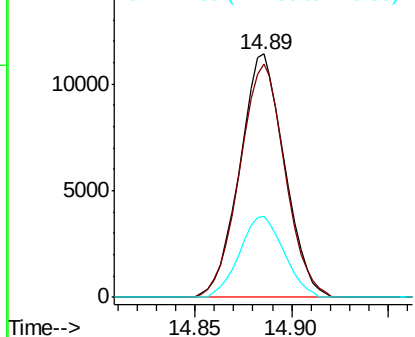
#93
 1,2,4-Trichlorobenzene
 Concen: 12.924 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.3	141.9
145	33.1	16.0	47.9

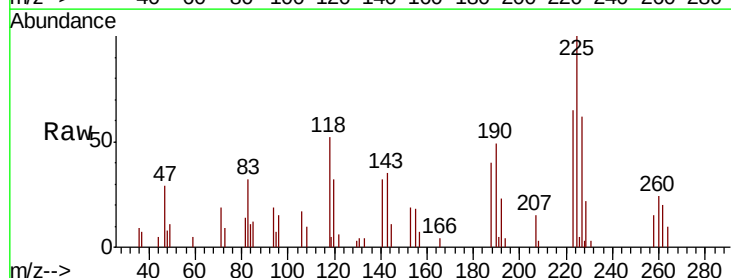


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

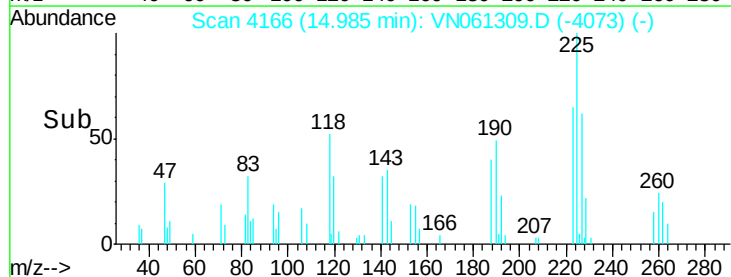
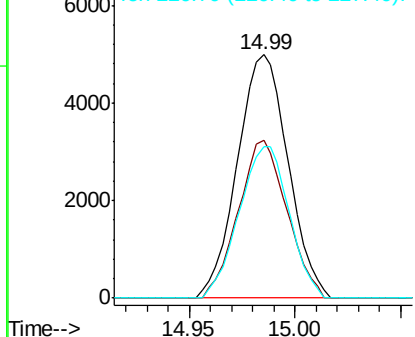


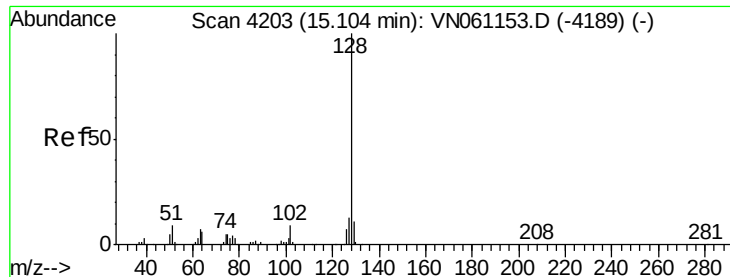
#94
 Hexachlorobutadiene
 Concen: 14.062 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061309.D
 Acq: 6 May 2020 15:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.4	97.0
227	61.4	32.4	97.0



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





#95

Naphthalene

Concen: 12.586 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

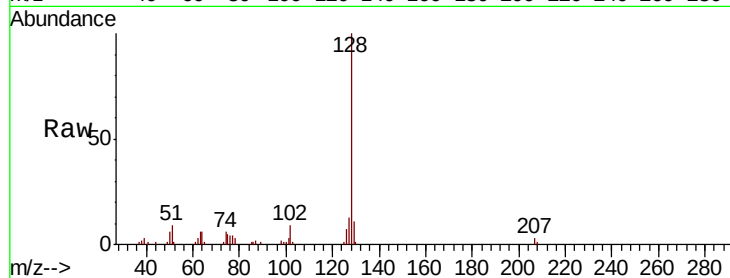
Tot Ion:128 Resp: 58135

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

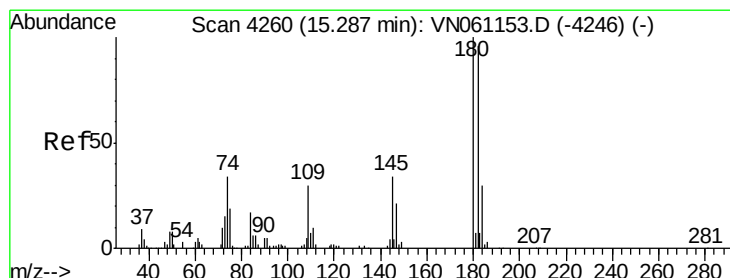
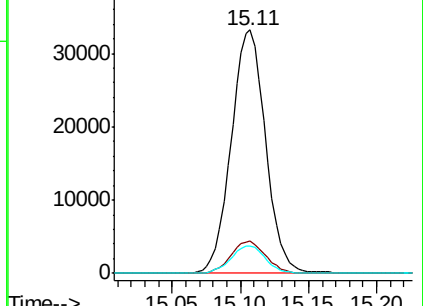
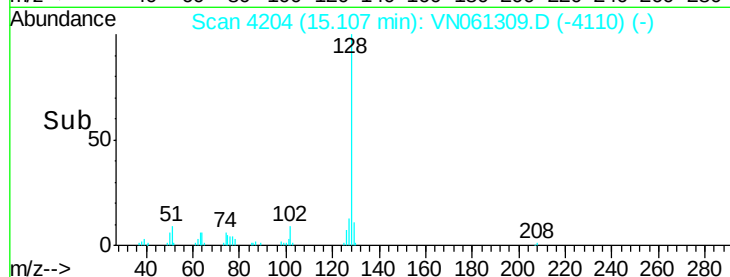
129 11.1 8.7 13.1



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: 13.163 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN061309.D

Acq: 6 May 2020 15:03

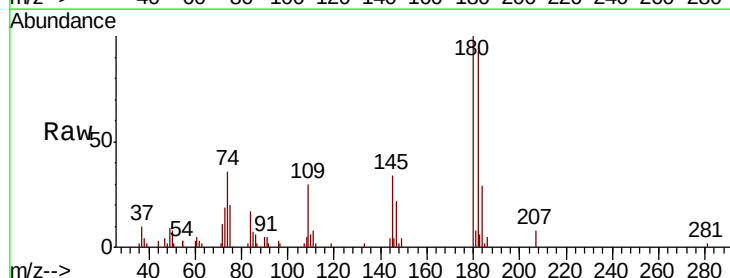
Tgt Ion:180 Resp: 18432

Ion Ratio Lower Upper

180 100

182 94.8 47.5 142.5

145 34.7 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

