

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061611.D
 Acq On : 2 Jun 2020 11:21
 Operator : JC/MD
 Sample : VN0602WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 00:41:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	344802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	575599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	538918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	268953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	209227	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	7.54	113	161779	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	10.06	98	698029	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.37	95	254137	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	73147	19.100	ug/l	100
3) Chloromethane	2.03	50	78655	18.703	ug/l	99
4) Vinyl Chloride	2.16	62	106819	18.535	ug/l	100
5) Bromomethane	2.54	94	66541	20.122	ug/l	97
6) Chloroethane	2.67	64	68050	18.345	ug/l	100
7) Trichlorofluoromethane	2.98	101	143418	19.298	ug/l	97
8) Diethyl Ether	3.37	74	41304	18.176	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	64728	19.628	ug/l	100
10) Methyl Iodide	3.91	142	85895	18.763	ug/l	100
11) Tert butyl alcohol	4.73	59	55181	100.986	ug/l	99
12) 1,1-Dichloroethene	3.69	96	62914	17.857	ug/l	97
13) Acrolein	3.57	56	17772	93.033	ug/l	95
14) Allyl chloride	4.27	41	82106	17.825	ug/l	98
15) Acrylonitrile	4.92	53	134620	88.265	ug/l	99
16) Acetone	3.77	43	109202	92.547	ug/l	97
17) Carbon Disulfide	4.01	76	159848	20.621	ug/l	99
18) Methyl Acetate	4.27	43	64060	17.226	ug/l #	71
19) Methyl tert-butyl Ether	4.99	73	222559	18.535	ug/l	100
20) Methylene Chloride	4.50	84	72141	18.214	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	72945	18.359	ug/l	91
22) Diisopropyl ether	5.90	45	189669	18.683	ug/l	97
23) Vinyl Acetate	5.84	43	705201	87.154	ug/l	98
24) 1,1-Dichloroethane	5.79	63	120406	18.703	ug/l	100
25) 2-Butanone	6.78	43	164336	84.407	ug/l	99
26) 2,2-Dichloropropane	6.77	77	113436	19.252	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	86660	19.261	ug/l	98
28) Bromochloromethane	7.15	49	52934	21.096	ug/l	98
29) Tetrahydrofuran	7.16	42	107378	83.638	ug/l	99
30) Chloroform	7.32	83	135584	19.037	ug/l	99
31) Cyclohexane	7.61	56	108947	18.817	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	120673	18.595	ug/l	99
36) 1,1-Dichloropropene	7.75	75	97888	19.210	ug/l	99
37) Ethyl Acetate	6.88	43	72379	17.636	ug/l	97
38) Carbon Tetrachloride	7.73	117	98513	20.043	ug/l	97

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 00:41:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	120813	19.236	ug/l	99
40) Benzene	8.00	78	295379	18.788	ug/l	99
41) Methacrylonitrile	7.12	41	31806	16.915	ug/l	93
42) 1,2-Dichloroethane	8.08	62	99623	18.927	ug/l	99
43) Isopropyl Acetate	8.12	43	127799	17.308	ug/l #	91
44) Trichloroethene	8.80	130	91708	18.980	ug/l	97
45) 1,2-Dichloropropane	9.08	63	71290	19.096	ug/l	99
46) Dibromomethane	9.17	93	53172	18.571	ug/l	99
47) Bromodichloromethane	9.37	83	107619	18.971	ug/l	99
48) Methyl methacrylate	9.16	41	53330	16.053	ug/l	97
49) 1,4-Dioxane	9.16	88	24914	484.099	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	355558	85.451	ug/l	99
52) Toluene	10.12	92	201026	19.590	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	113699	18.606	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	122288	18.611	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	75576	18.486	ug/l	99
56) Ethyl methacrylate	10.40	69	102823	18.005	ug/l	99
57) 1,3-Dichloropropane	10.68	76	123350	18.865	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	216740	88.808	ug/l	100
59) 2-Hexanone	10.72	43	253052	84.681	ug/l	100
60) Dibromochloromethane	10.87	129	88232	18.984	ug/l	99
61) 1,2-Dibromoethane	10.98	107	81011	18.999	ug/l	99
64) Tetrachloroethene	10.60	164	97892	19.297	ug/l	98
65) Chlorobenzene	11.40	112	217852	19.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	80349	19.263	ug/l	97
67) Ethyl Benzene	11.48	91	375106	19.374	ug/l	98
68) m/p-Xylenes	11.59	106	295711	38.519	ug/l	98
69) o-Xylene	11.92	106	141450	19.399	ug/l	99
70) Styrene	11.94	104	232281	19.236	ug/l	99
71) Bromoform	12.10	173	56443	17.561	ug/l #	99
73) Isopropylbenzene	12.22	105	378624	19.288	ug/l	98
74) N-amyl acetate	12.04	43	104009	16.825	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	96248	17.497	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	125387	25.638	ug/l #	100
77) Bromobenzene	12.50	156	93808	18.721	ug/l	99
78) n-propylbenzene	12.56	91	418591	19.101	ug/l	100
79) 2-Chlorotoluene	12.65	91	243853	18.661	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	316246	19.275	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32490	16.989	ug/l	100
82) 4-Chlorotoluene	12.75	91	254618	18.522	ug/l	99
83) tert-Butylbenzene	12.97	119	277002	19.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	311335	19.101	ug/l	98
85) sec-Butylbenzene	13.15	105	359700	19.256	ug/l	99
86) p-Isopropyltoluene	13.26	119	338849	19.698	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	170488	19.214	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	168234	18.612	ug/l	98
89) n-Butylbenzene	13.59	91	276694	19.203	ug/l	100
90) Hexachloroethane	13.85	117	41325	21.722	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	162674	19.184	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18044	16.084	ug/l	98

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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

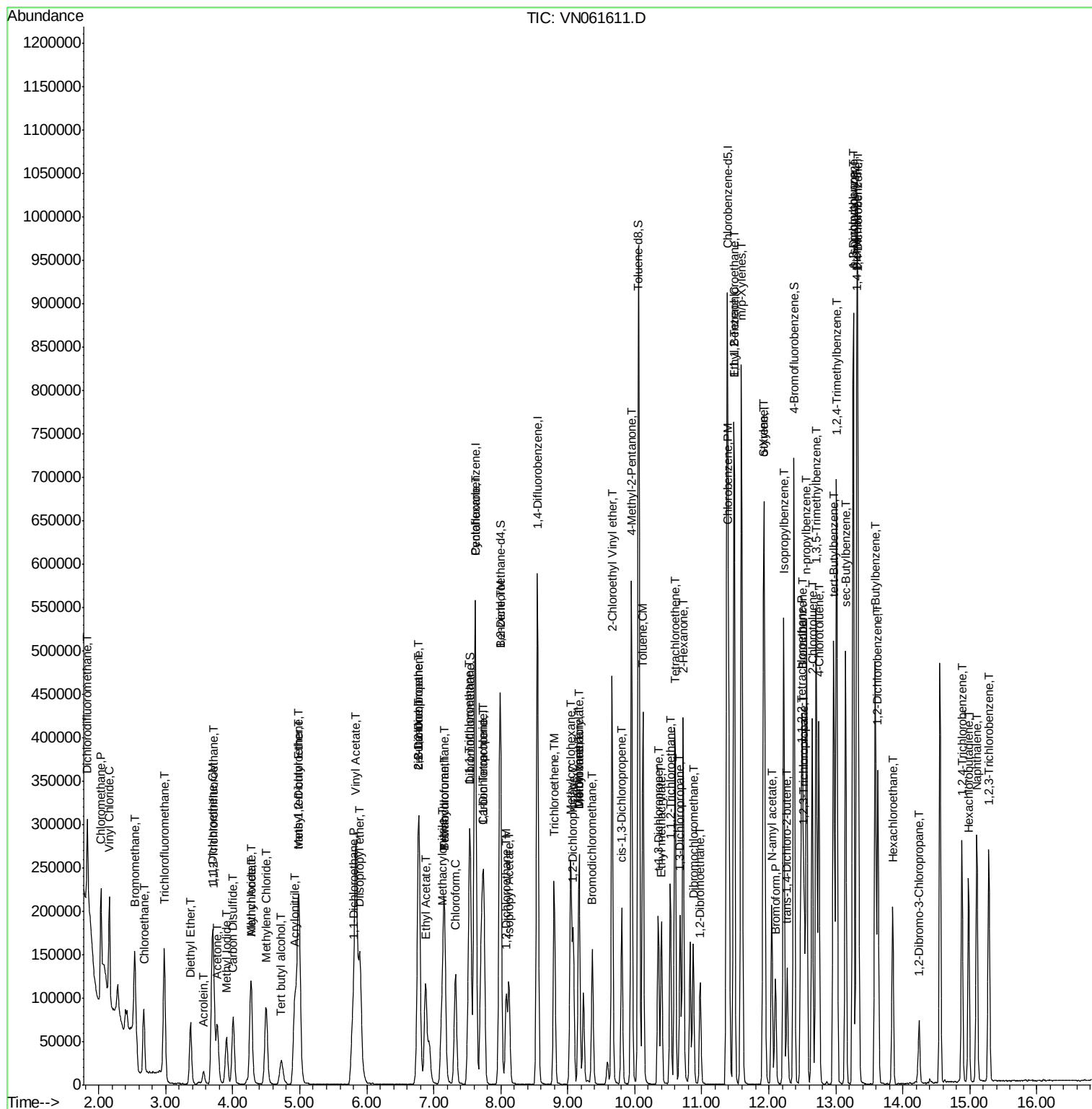
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	91842	18.520	ug/l	98
94) Hexachlorobutadiene	14.98	225	40344	19.075	ug/l	99
95) Naphthalene	15.10	128	256783	17.012	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	89872	18.432	ug/l	99

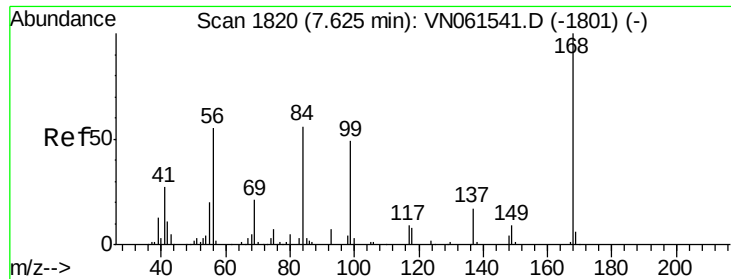
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

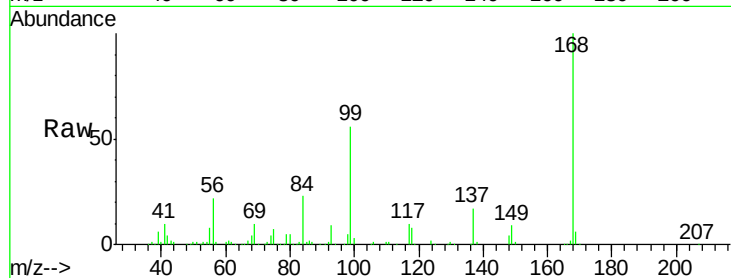
ClientSampleId :

Tot Ion:168 Resp: 344802

Ion Ratio Lower Upper

168 100

99 55.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

150000

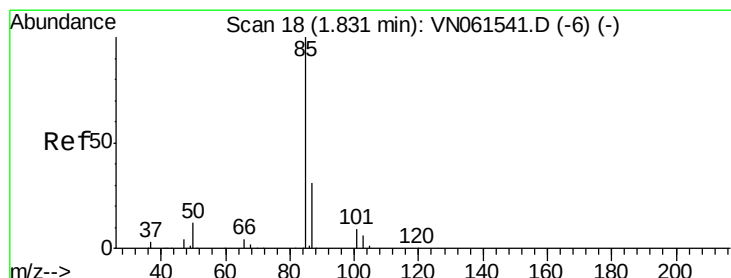
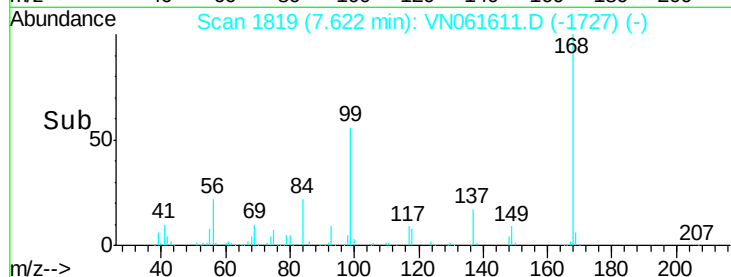
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.100 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061611.D

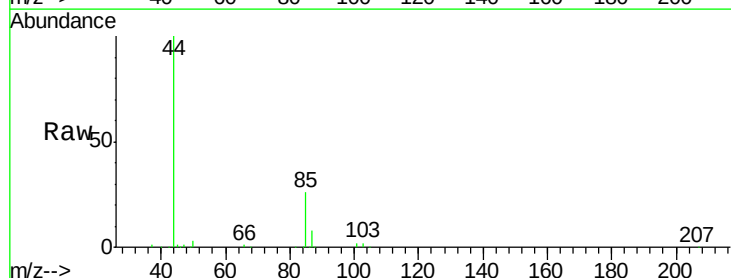
Acq: 2 Jun 2020 11:21

Tgt Ion: 85 Resp: 73147

Ion Ratio Lower Upper

85 100

87 31.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

50000

40000

30000

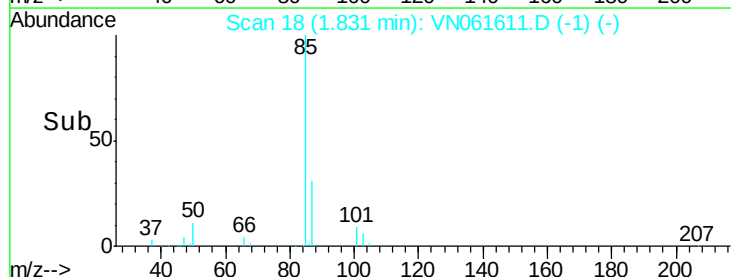
20000

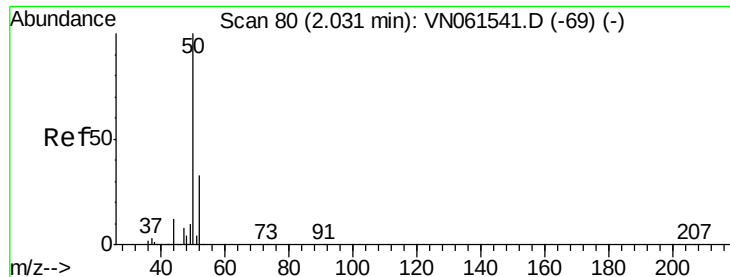
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.703 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

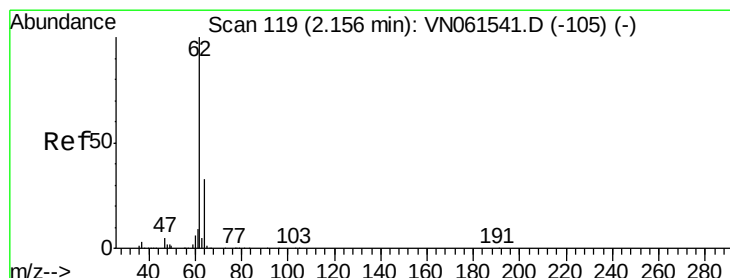
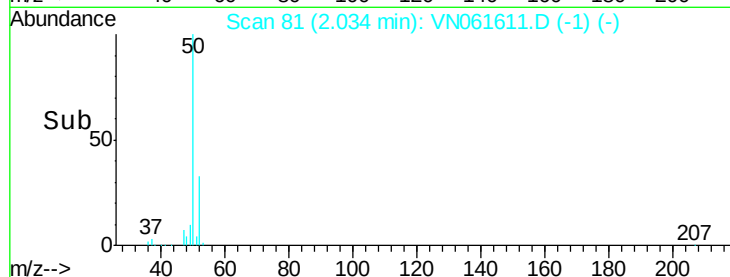
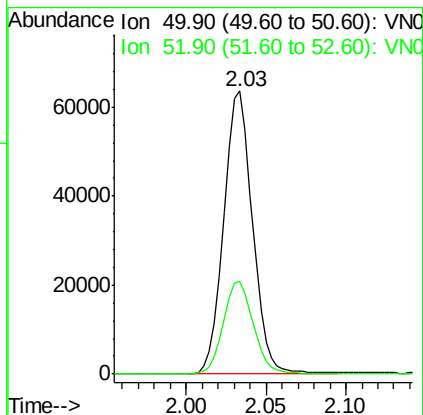
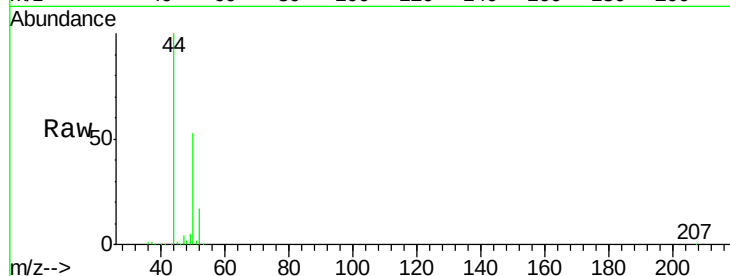
ClientSampleId :

Tot Ion: 50 Resp: 78655

Ion Ratio Lower Upper

50 100

52 32.8 26.7 40.1



#4

Vinyl Chloride

Concen: 18.535 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061611.D

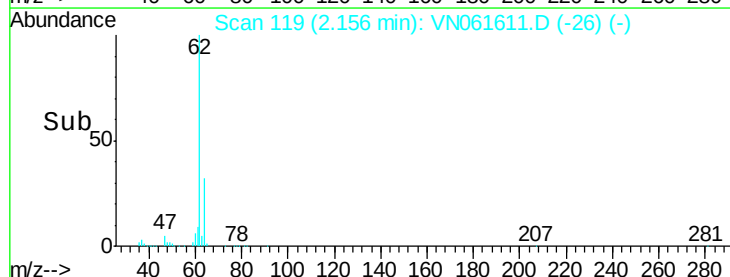
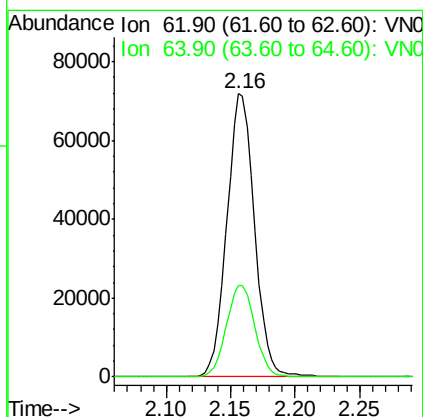
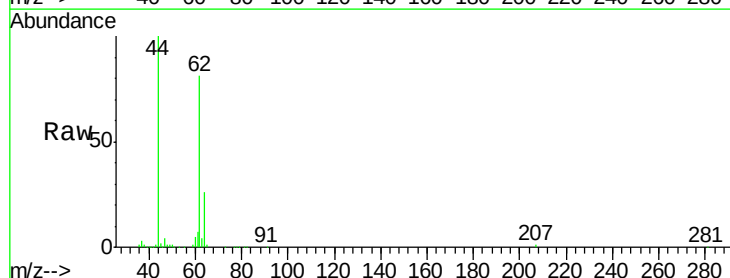
Acq: 2 Jun 2020 11:21

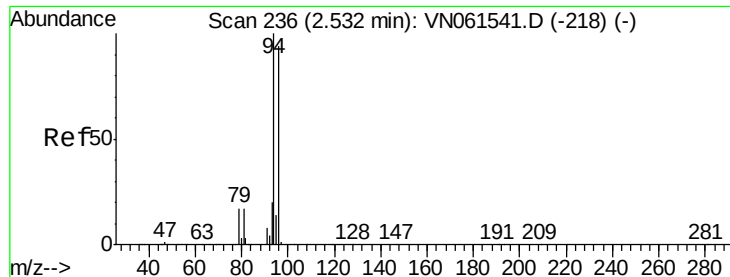
Tgt Ion: 62 Resp: 106819

Ion Ratio Lower Upper

62 100

64 32.4 26.2 39.2





#5

Bromomethane

Concen: 20.122 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

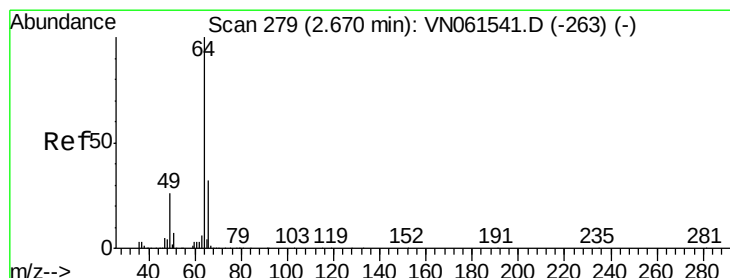
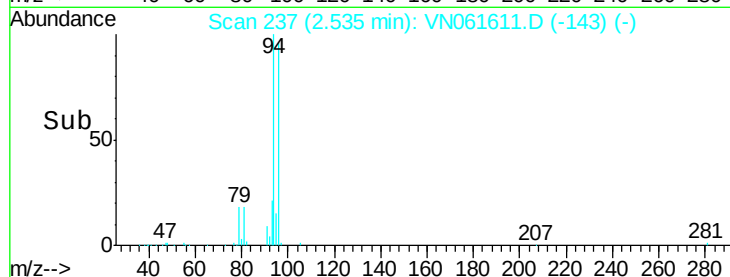
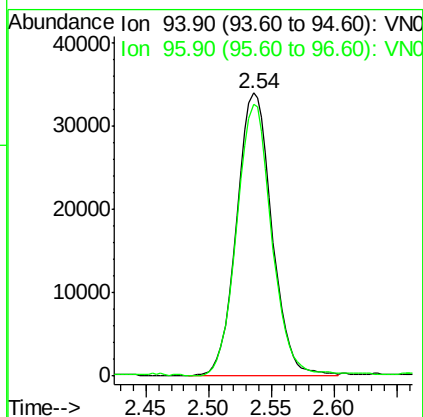
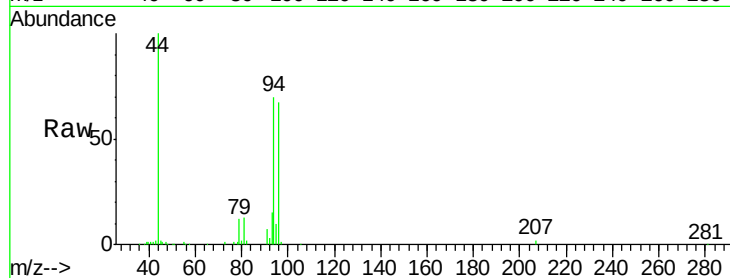
ClientSampleId :

Tot Ion: 94 Resp: 66541

Ion Ratio Lower Upper

94 100

96 96.2 74.8 112.2



#6

Chloroethane

Concen: 18.345 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061611.D

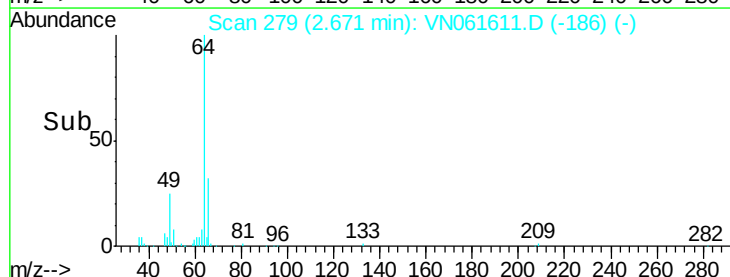
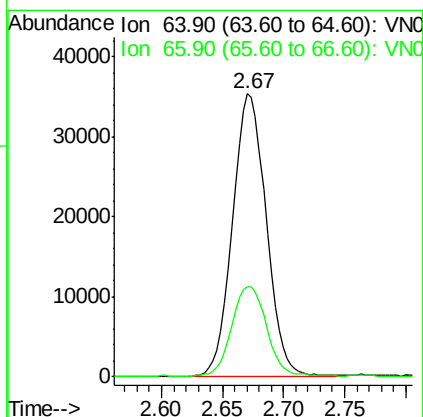
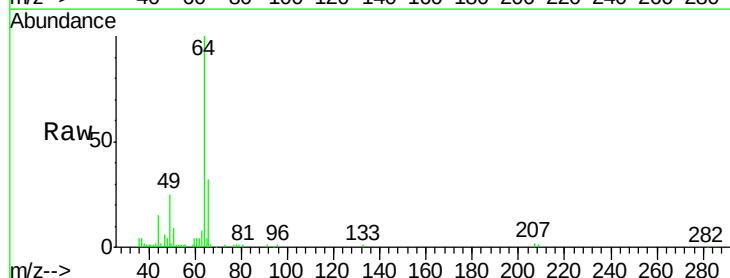
Acq: 2 Jun 2020 11:21

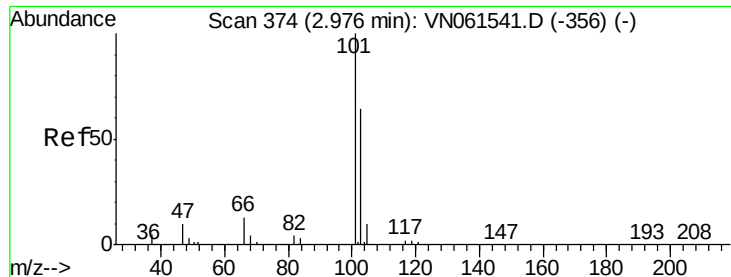
Tgt Ion: 64 Resp: 68050

Ion Ratio Lower Upper

64 100

66 31.9 25.6 38.4



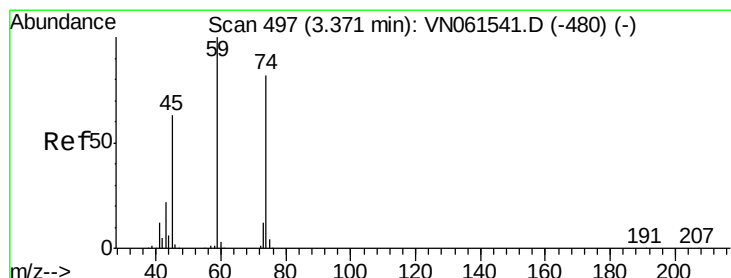
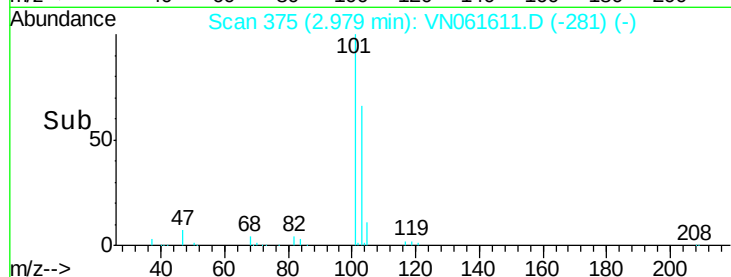
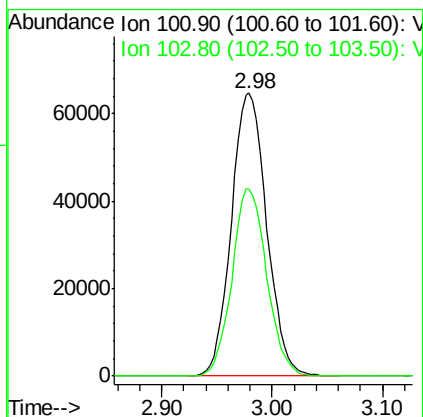
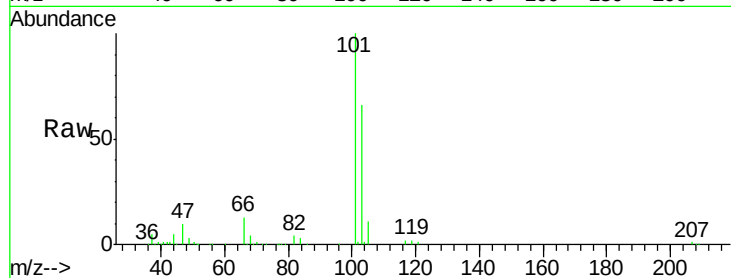


#7

Trichlorofluoromethane
 Concen: 19.298 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampled :

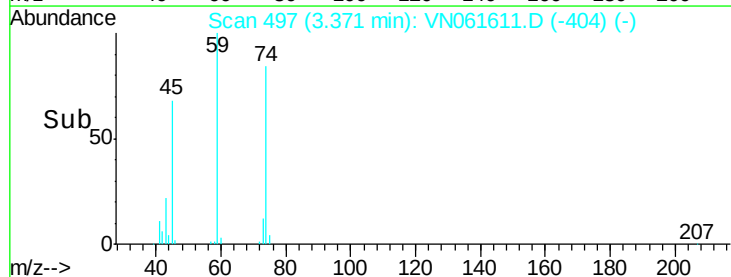
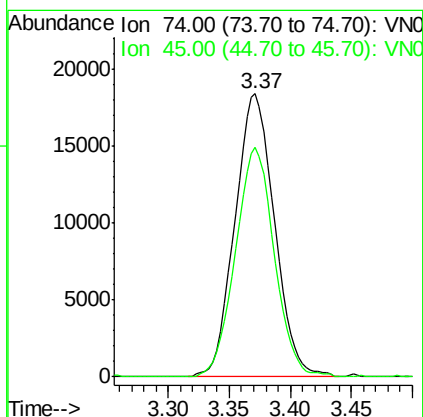
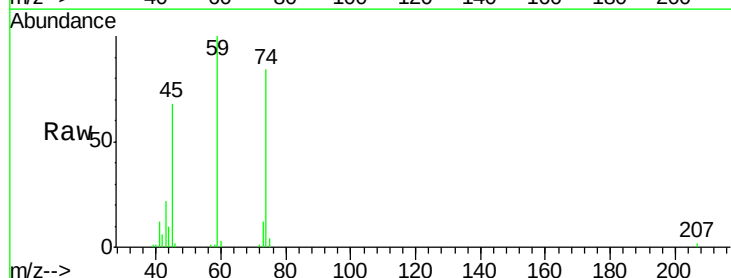
Tot Ion:101 Resp: 143418
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.4 77.2

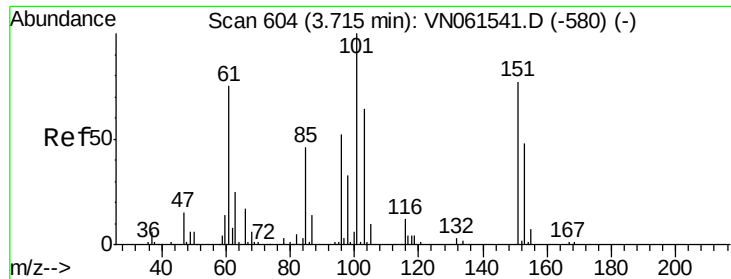


#8

Diethyl Ether
 Concen: 18.176 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion: 74 Resp: 41304
 Ion Ratio Lower Upper
 74 100
 45 79.5 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.628 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampled :

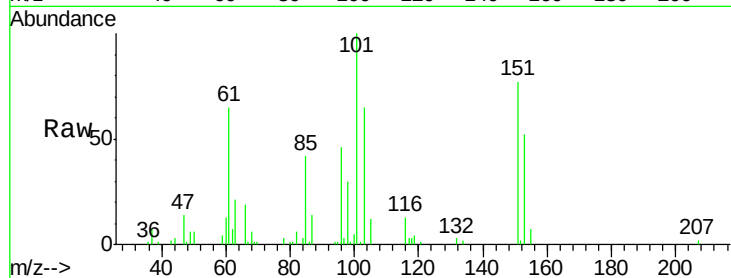
Tot Ion:101 Resp: 64728

Ion Ratio Lower Upper

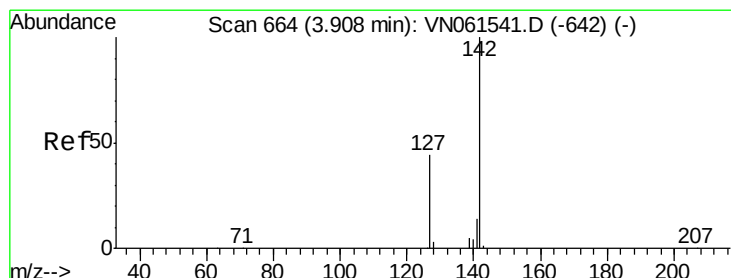
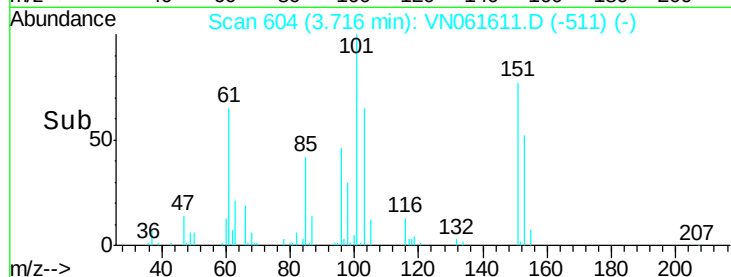
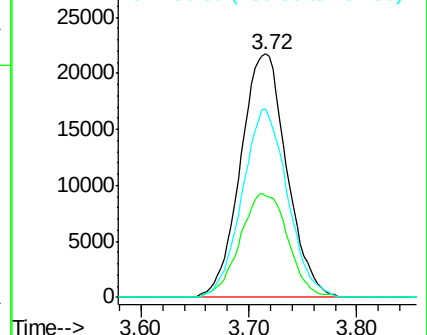
101 100

85 44.0 35.2 52.8

151 75.8 61.0 91.6



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: 18.763 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

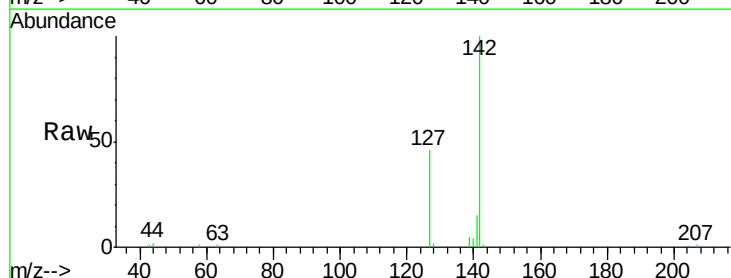
Tgt Ion:142 Resp: 85895

Ion Ratio Lower Upper

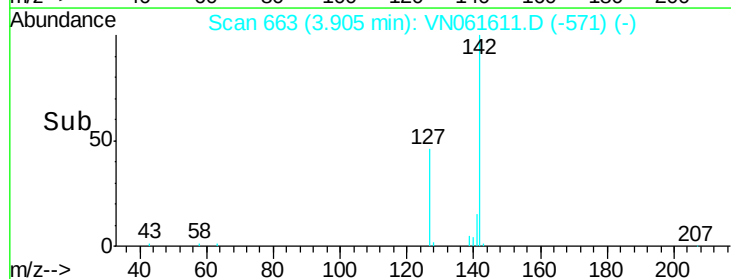
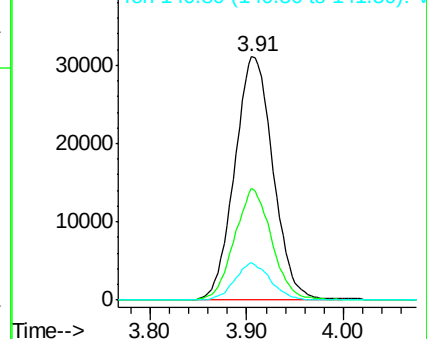
142 100

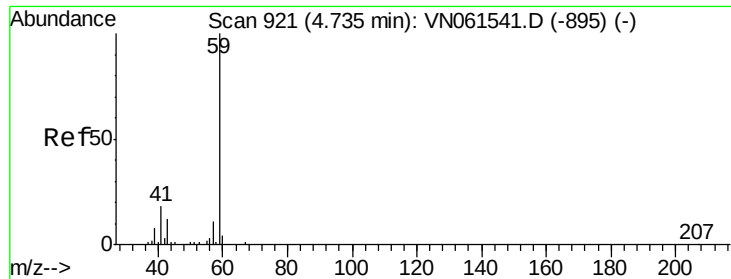
127 44.4 35.5 53.3

141 14.1 11.5 17.3



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



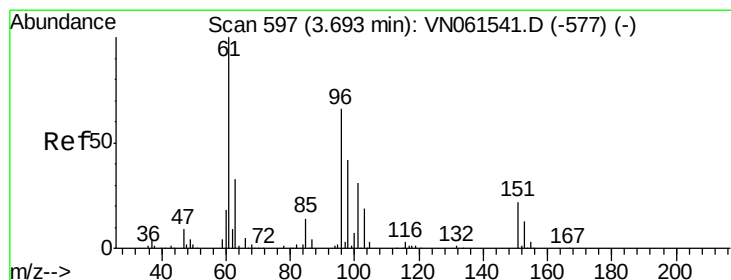
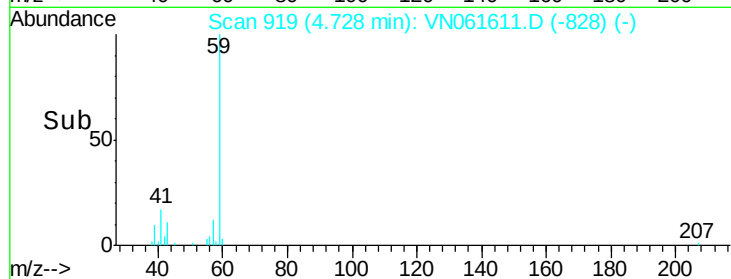
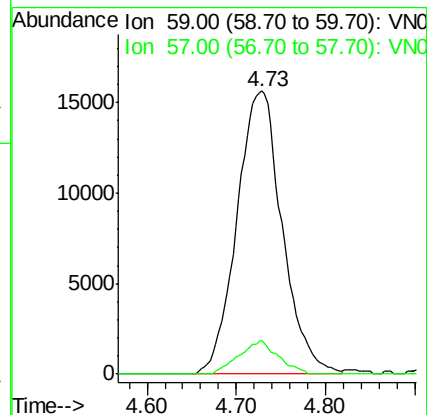
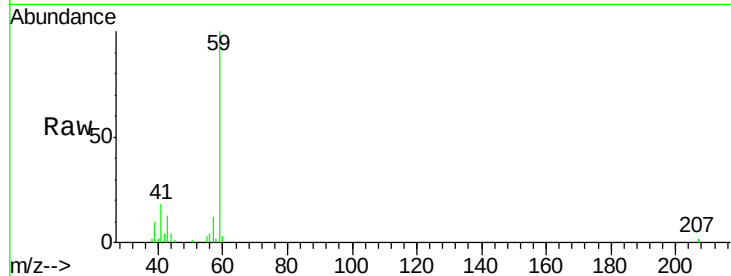


#11

Tert butyl alcohol
 Concen: 100.986 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampled :

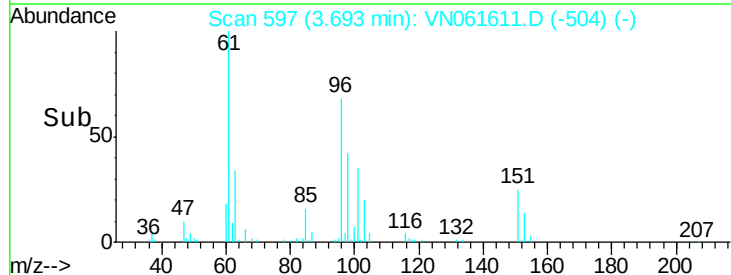
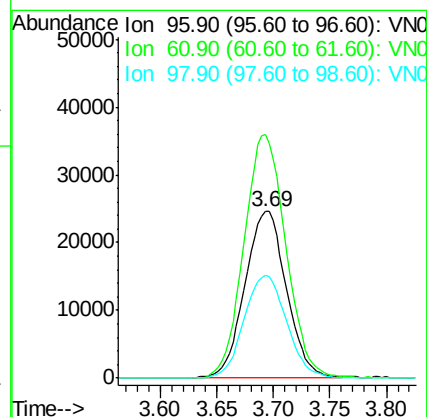
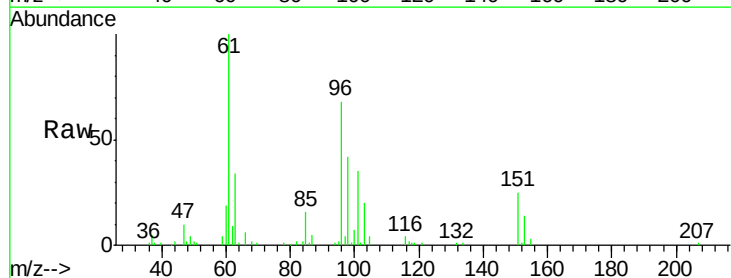
Tot Ion: 59 Resp: 55181
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

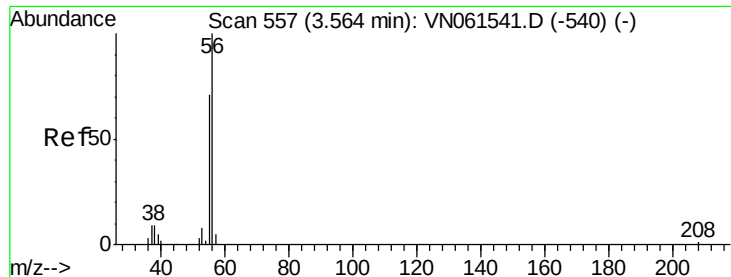


#12

1,1-Dichloroethene
 Concen: 17.857 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion: 96 Resp: 62914
 Ion Ratio Lower Upper
 96 100
 61 146.0 120.5 180.7
 98 61.6 50.8 76.2





#13

Acrolein

Concen: 93.033 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

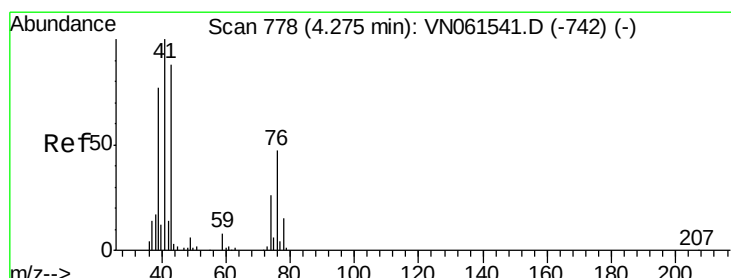
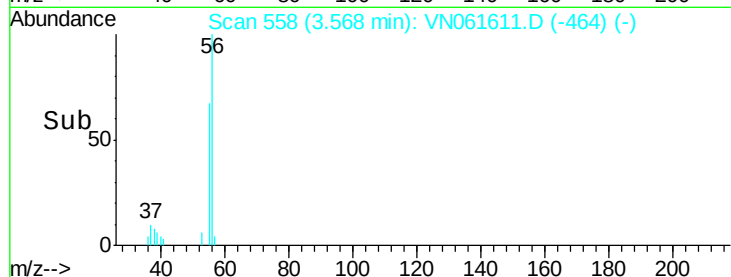
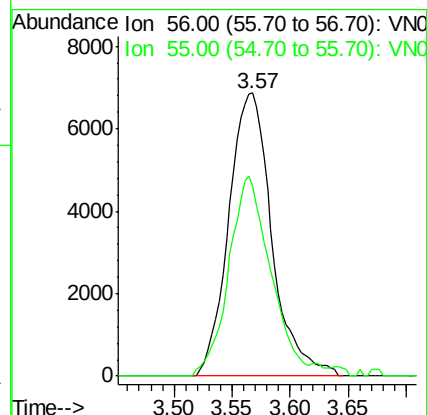
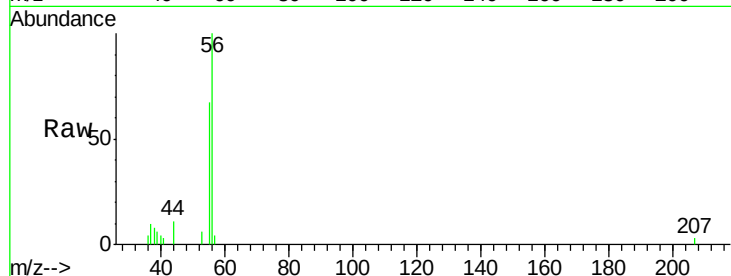
ClientSampleId :

Tot Ion: 56 Resp: 17772

Ion Ratio Lower Upper

56 100

55 68.1 58.0 87.0



#14

Allyl chloride

Concen: 17.825 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

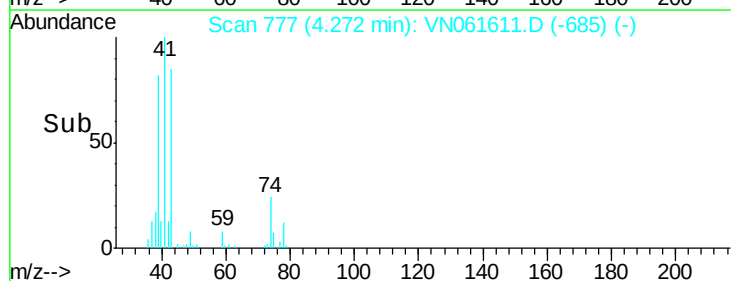
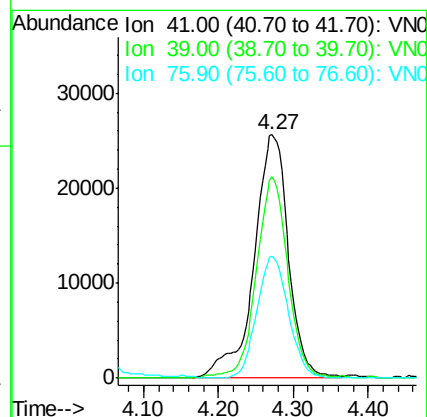
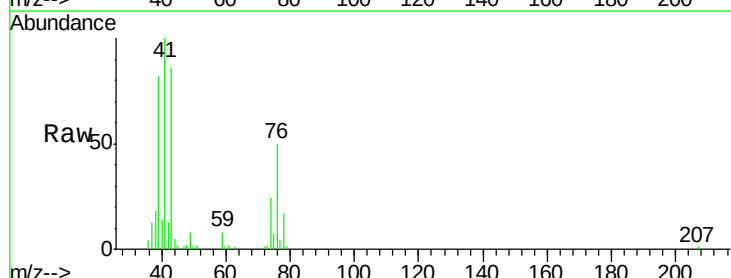
Tgt Ion: 41 Resp: 82106

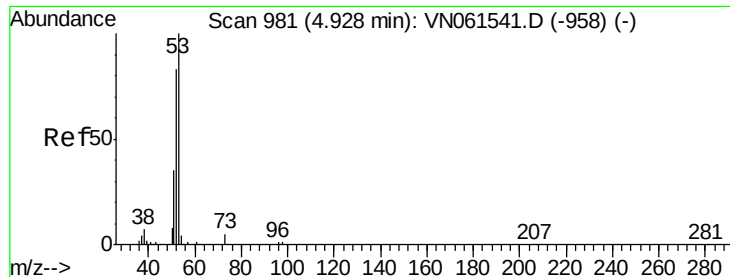
Ion Ratio Lower Upper

41 100

39 73.0 58.6 88.0

76 45.8 34.2 51.4





#15

Acrylonitrile

Concen: 88.265 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampled :

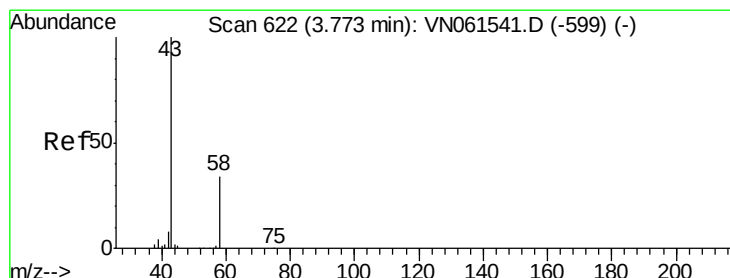
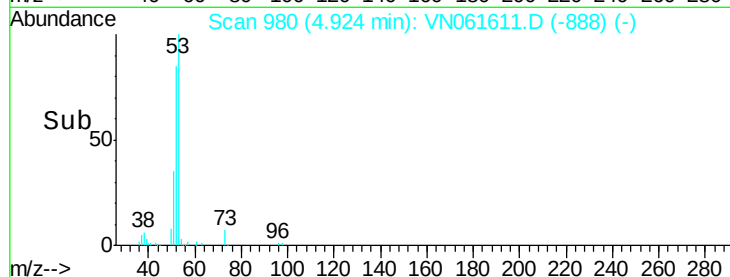
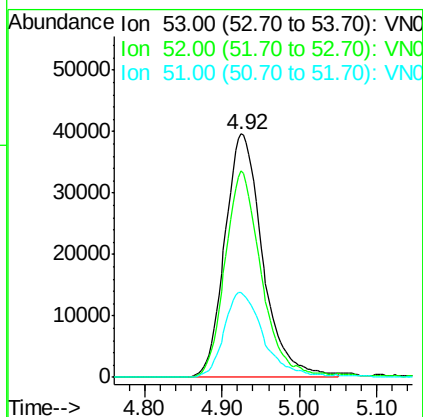
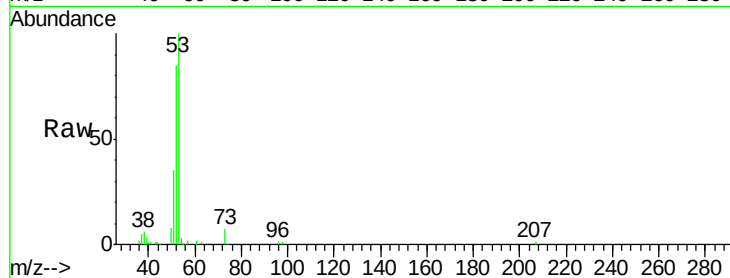
Tot Ion: 53 Resp: 134620

Ion Ratio Lower Upper

53 100

52 80.3 65.4 98.2

51 36.2 29.0 43.6



#16

Acetone

Concen: 92.547 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061611.D

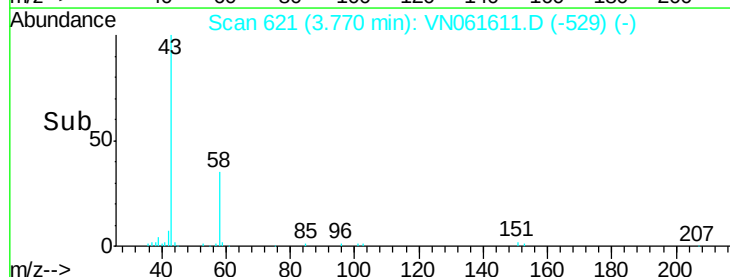
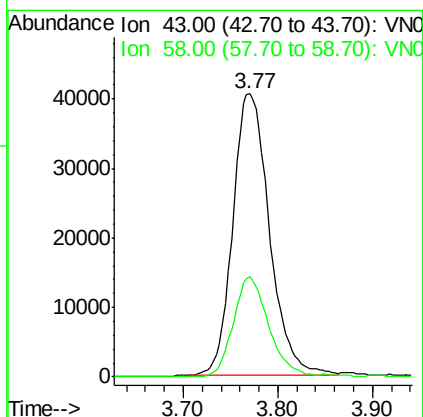
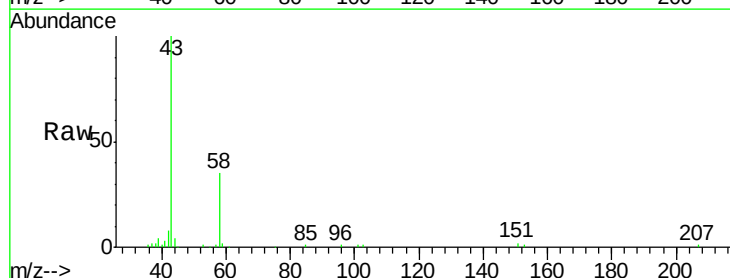
Acq: 2 Jun 2020 11:21

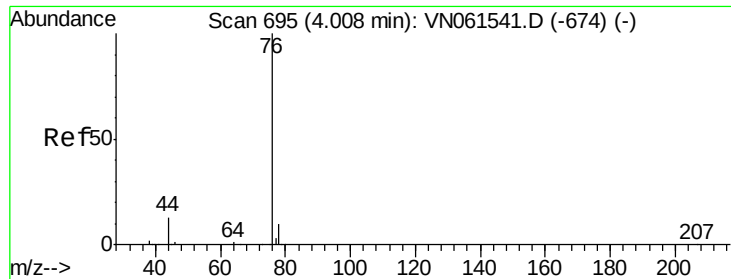
Tgt Ion: 43 Resp: 109202

Ion Ratio Lower Upper

43 100

58 35.5 27.2 40.8





#17

Carbon Disulfide

Concen: 20.621 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

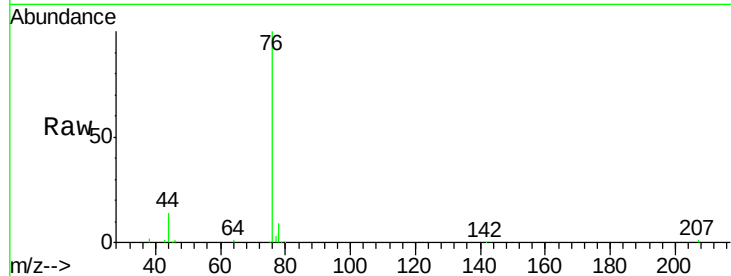
ClientSampled :

Tot Ion: 76 Resp: 159848

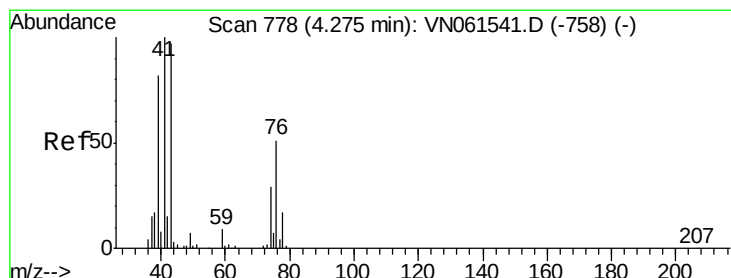
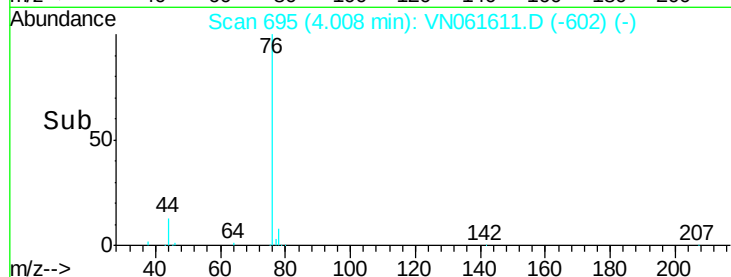
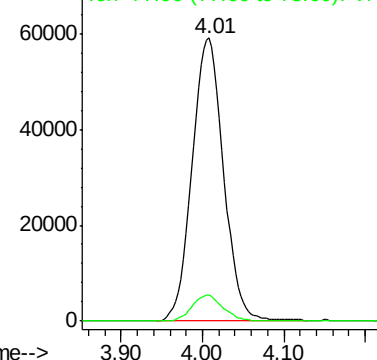
Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 17.226 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061611.D

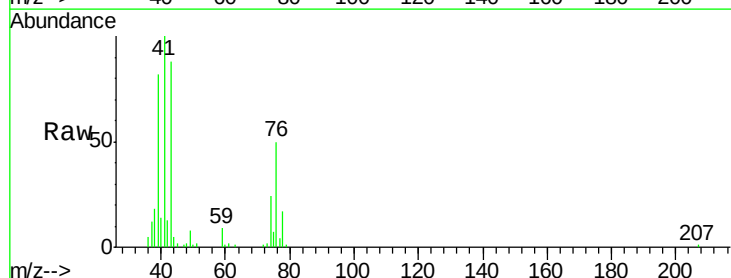
Acq: 2 Jun 2020 11:21

Tgt Ion: 43 Resp: 64060

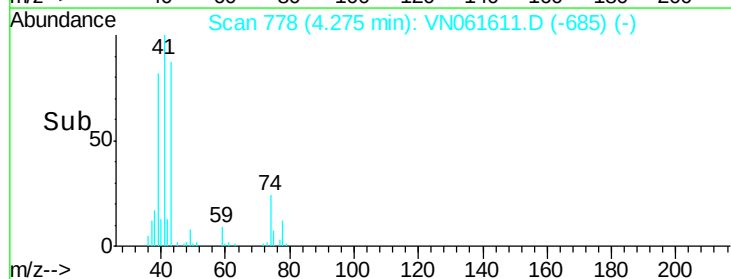
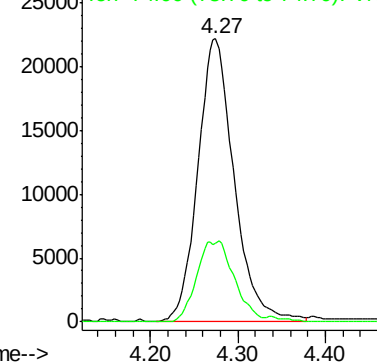
Ion Ratio Lower Upper

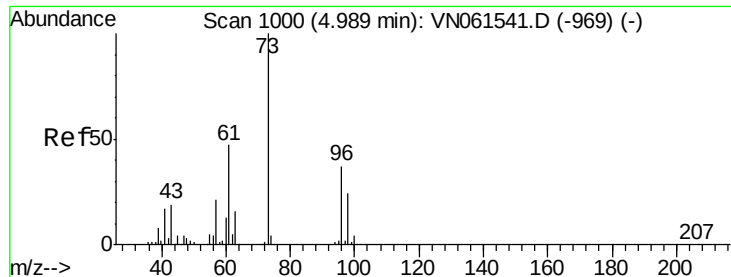
43 100

74 13.7 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

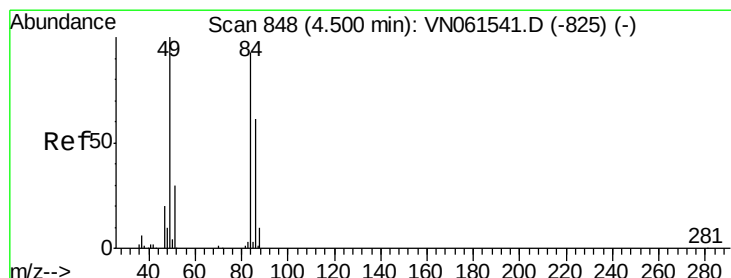
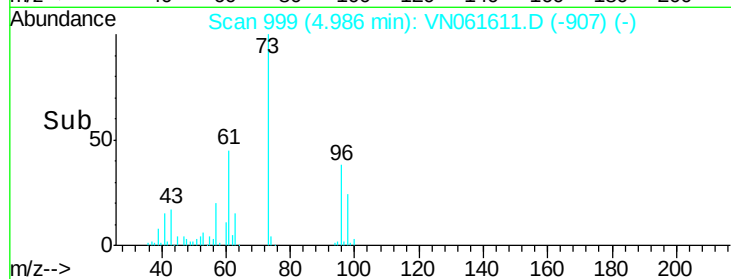
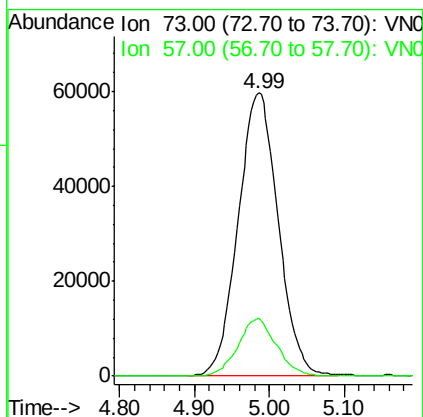
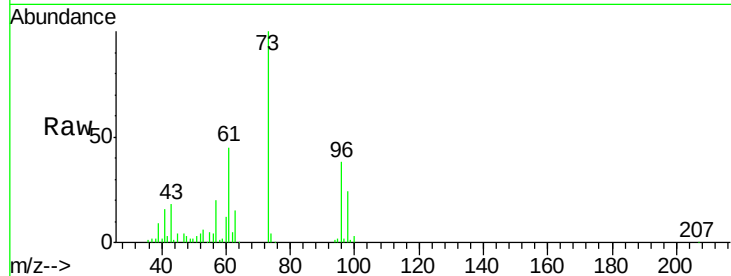




#19
Methvl tert-butyl Ether
Concen: 18.535 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

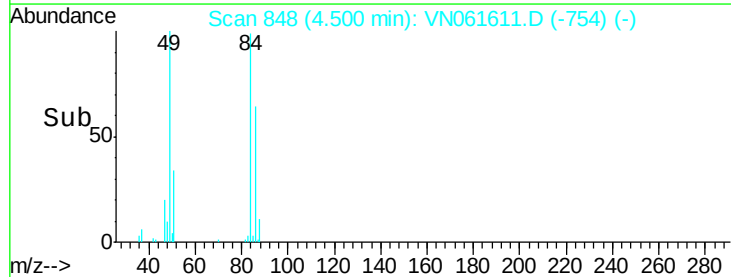
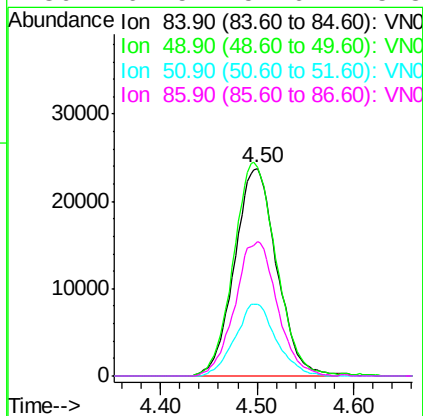
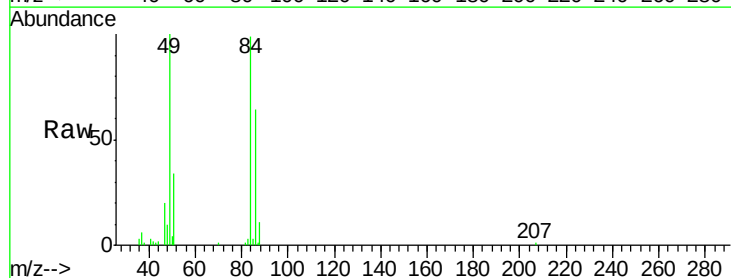
Instrument :
MSVOA_N
ClientSampleId :

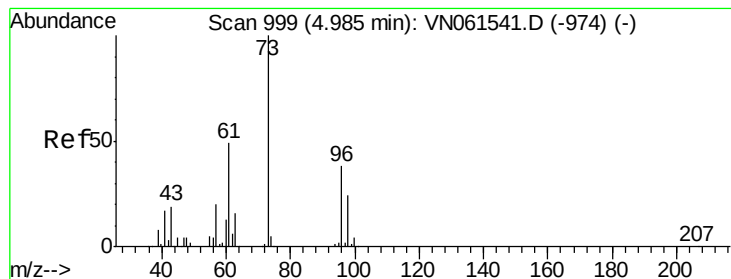
Tot Ion: 73 Resp: 222559
Ion Ratio Lower Upper
73 100
57 20.4 16.4 24.6



#20
Methylene Chloride
Concen: 18.214 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion: 84 Resp: 72141
Ion Ratio Lower Upper
84 100
49 100.7 85.8 128.8
51 34.6 26.2 39.2
86 64.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.359 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampled :

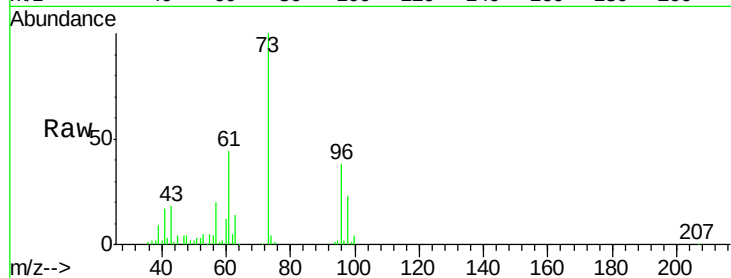
Tot Ion: 96 Resp: 72945

Ion Ratio Lower Upper

96 100

61 113.4 101.4 152.0

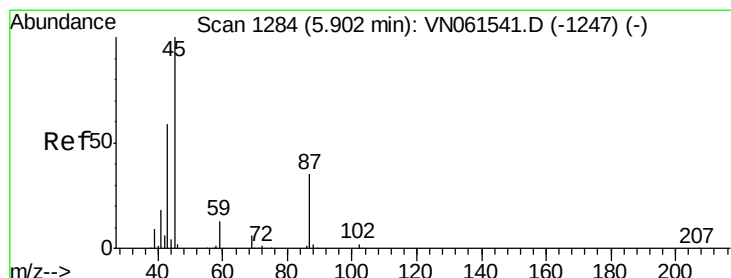
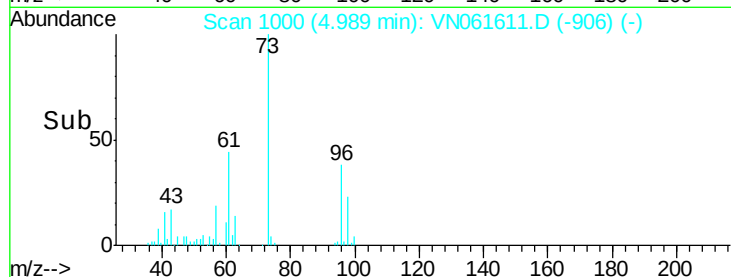
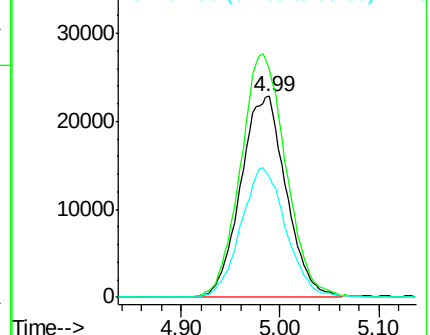
98 60.2 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061611.D (-1000) (-)

Ion 60.90 (60.60 to 61.60): VN061611.D (-1000) (-)

Ion 97.90 (97.60 to 98.60): VN061611.D (-1000) (-)



#22

Diisopropyl ether

Concen: 18.683 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Tgt Ion: 45 Resp: 189669

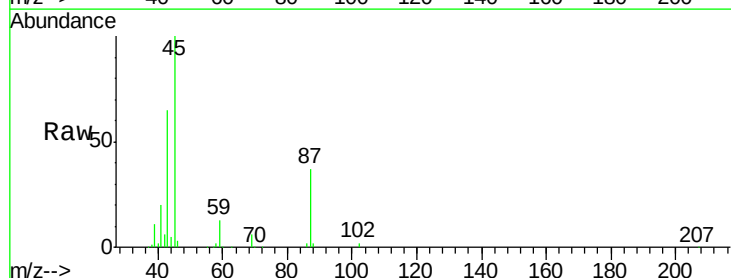
Ion Ratio Lower Upper

45 100

43 62.9 47.9 71.9

87 36.6 28.4 42.6

59 12.9 10.5 15.7

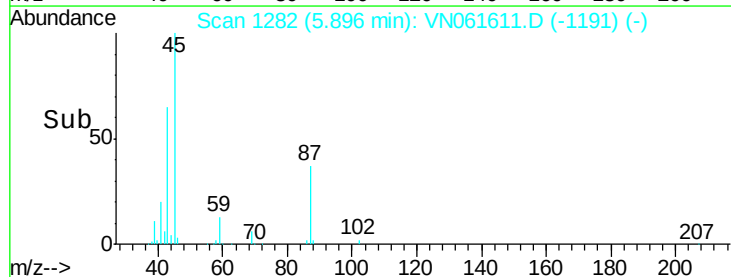
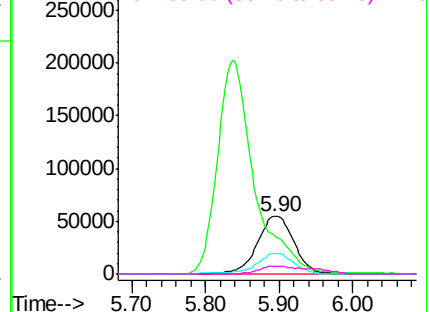


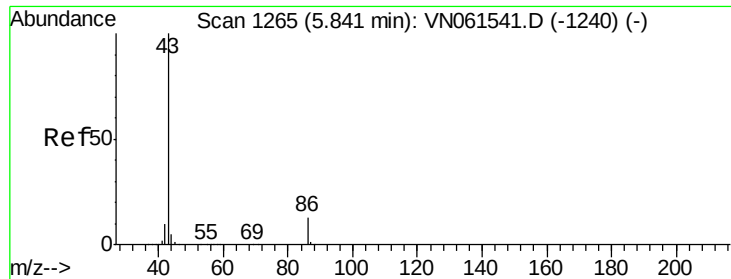
Abundance Ion 45.00 (44.70 to 45.70): VN061611.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061611.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061611.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061611.D (-1191) (-)

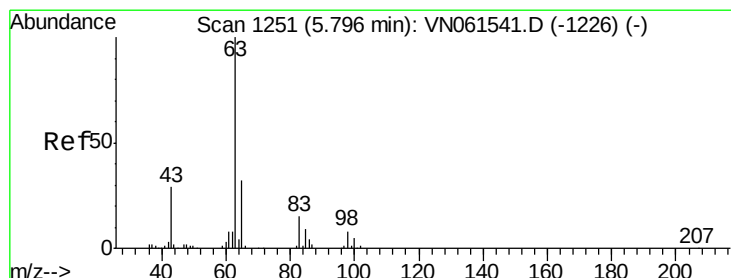
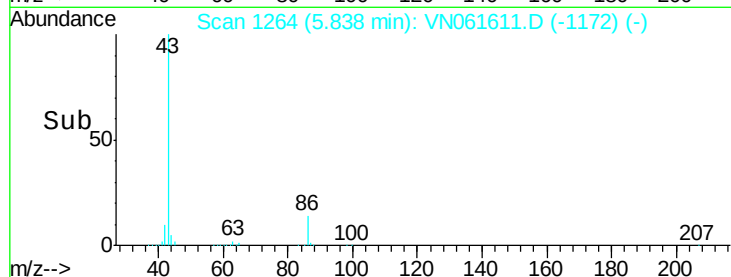
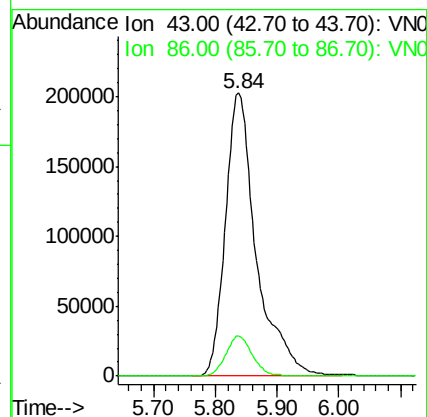
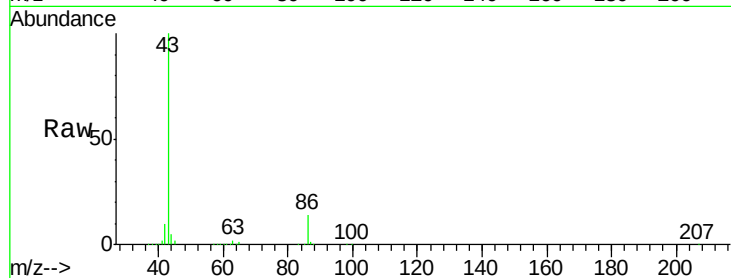




#23
 Vinyl Acetate
 Concen: 87.154 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

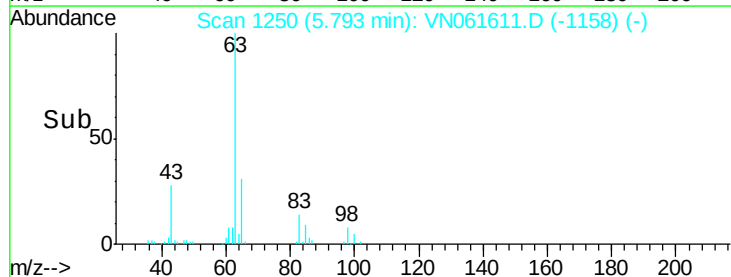
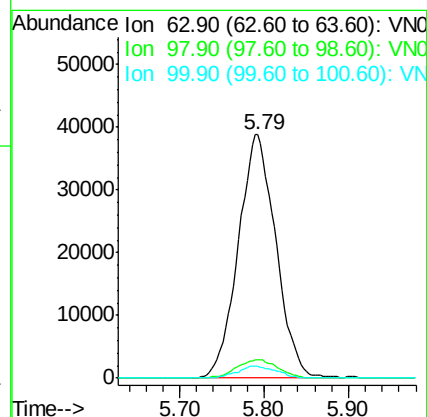
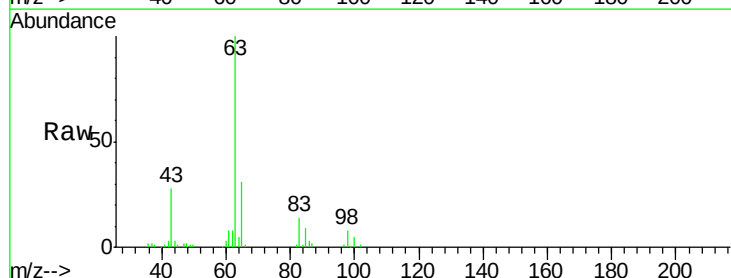
Instrument :
 MSVOA_N
 ClientSampleId :

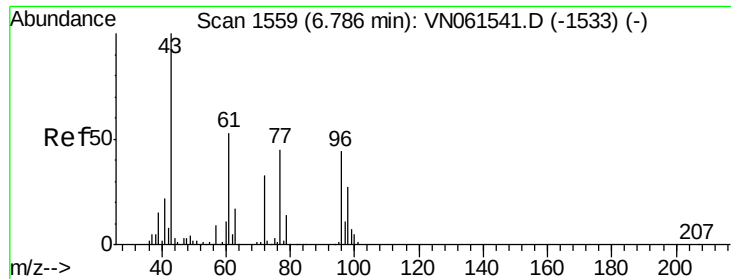
Tot Ion: 43 Resp: 705201
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 18.703 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion: 63 Resp: 120406
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.8 2.5 7.6





#25

2-Butanone

Concen: 84.407 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

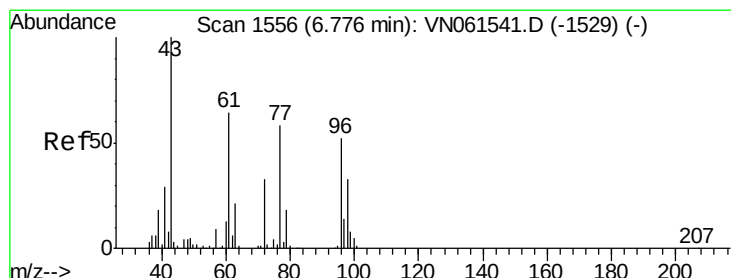
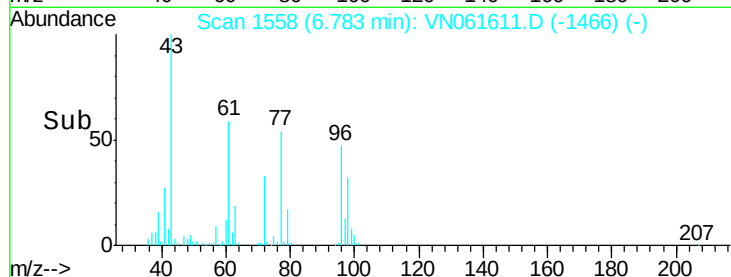
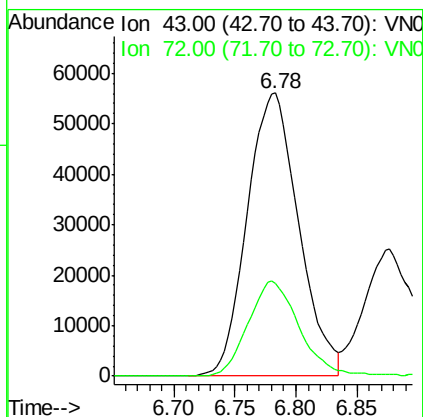
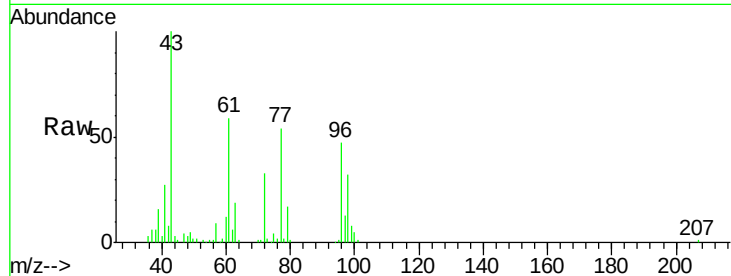
ClientSampled :

Tot Ion: 43 Resp: 164336

Ion Ratio Lower Upper

43 100

72 33.0 26.0 39.0



#26

2,2-Dichloropropane

Concen: 19.252 ug/l

RT: 6.77 min Scan# 1553

Delta R.T. -0.01 min

Lab File: VN061611.D

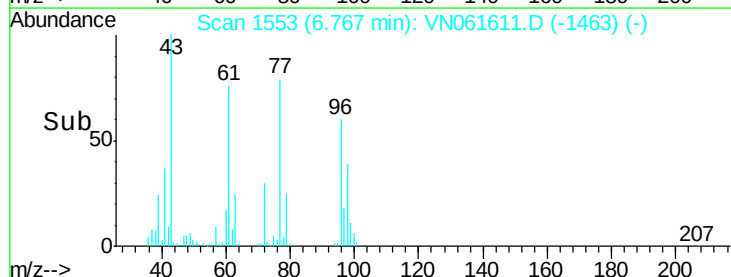
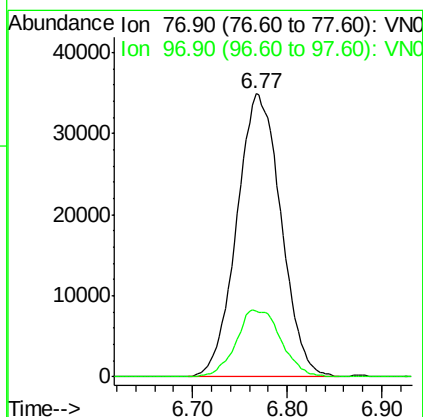
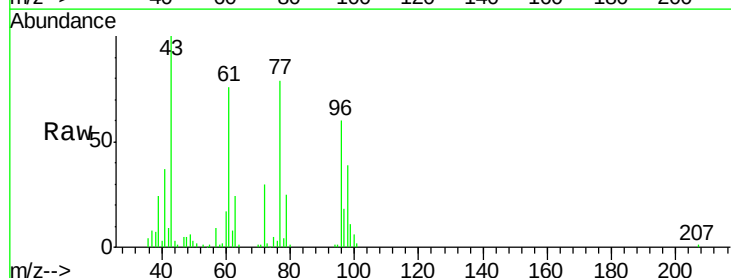
Acq: 2 Jun 2020 11:21

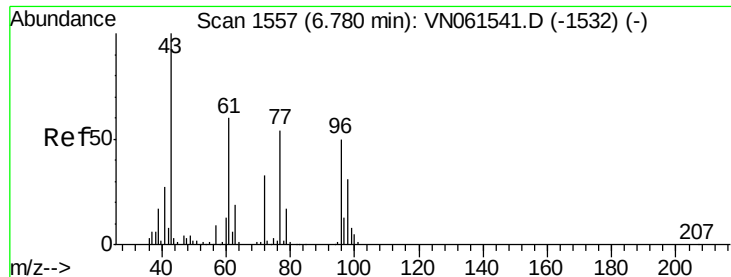
Tgt Ion: 77 Resp: 113436

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 19.261 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampleId :

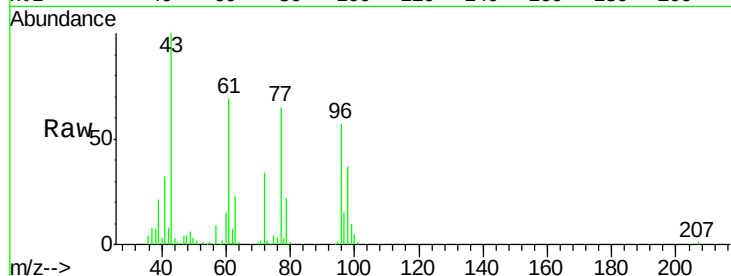
Tot Ion: 96 Resp: 86660

Ion Ratio Lower Upper

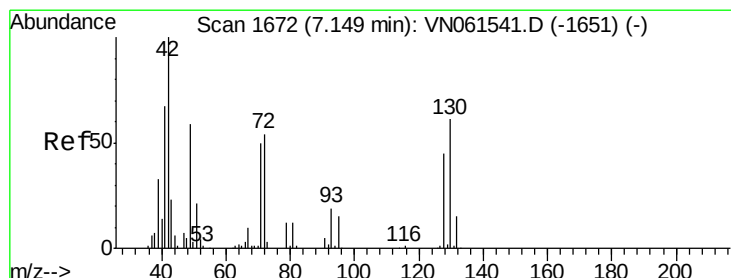
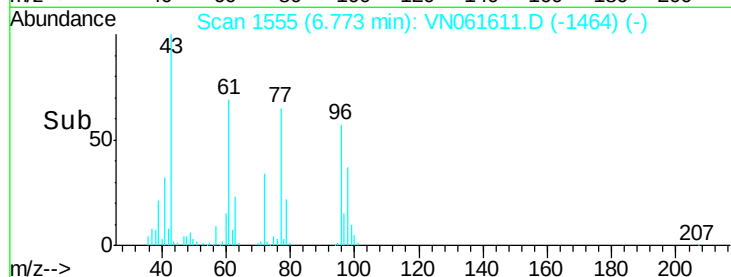
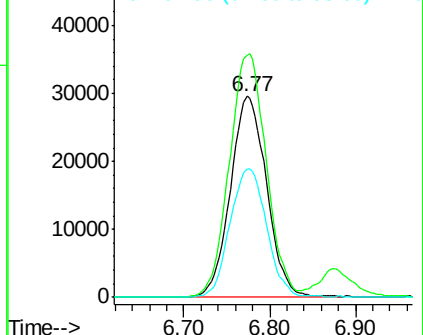
96 100

61 123.6 0.0 252.2

98 64.2 0.0 129.2



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: 21.096 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

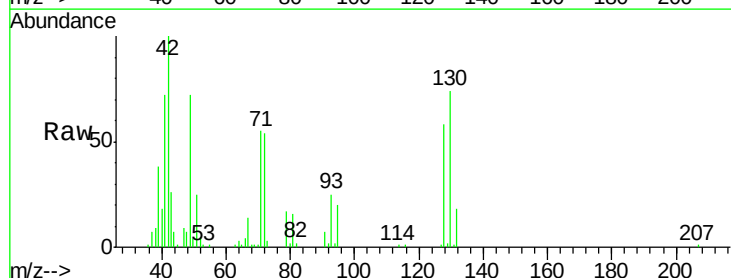
Tgt Ion: 49 Resp: 52934

Ion Ratio Lower Upper

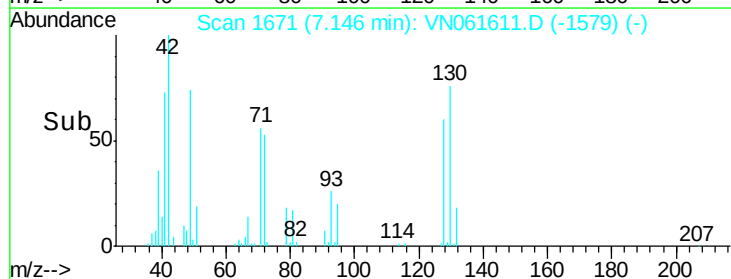
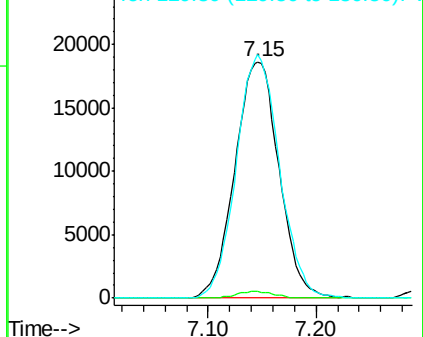
49 100

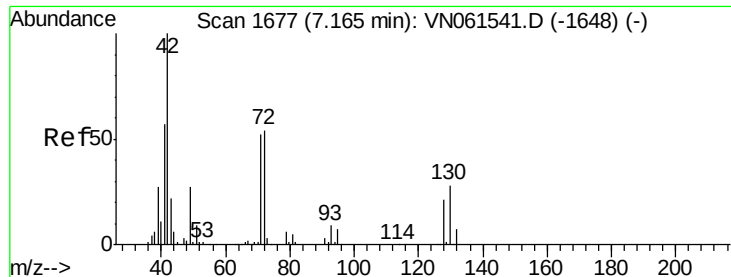
129 2.4 0.0 4.8

130 100.9 78.8 118.2



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

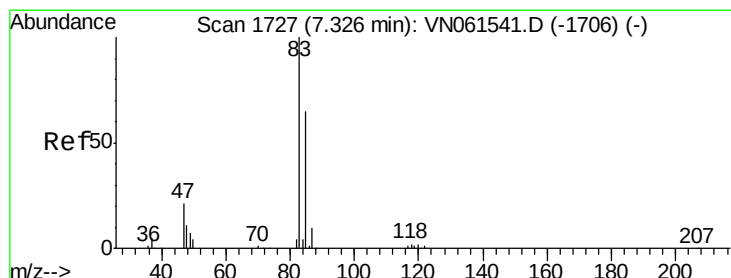
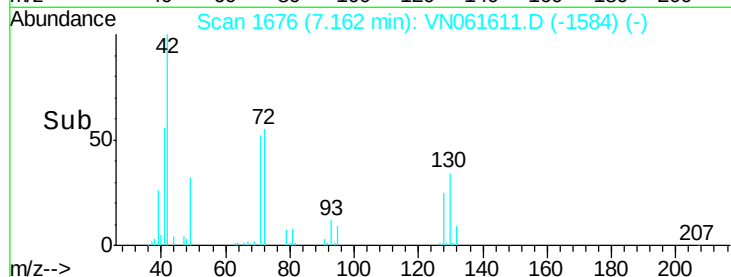
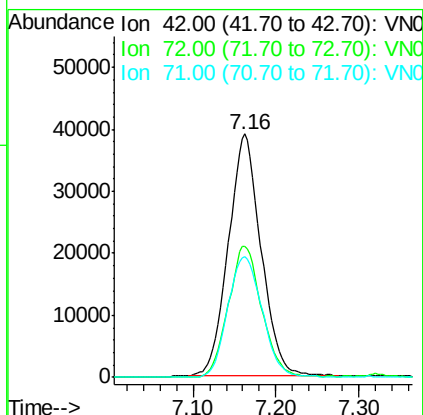
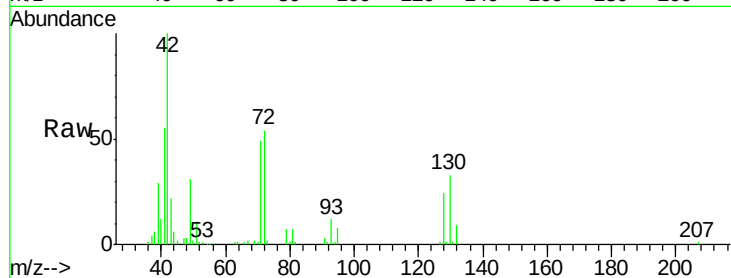




#29
Tetrahydrofuran
Concen: 83.638 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

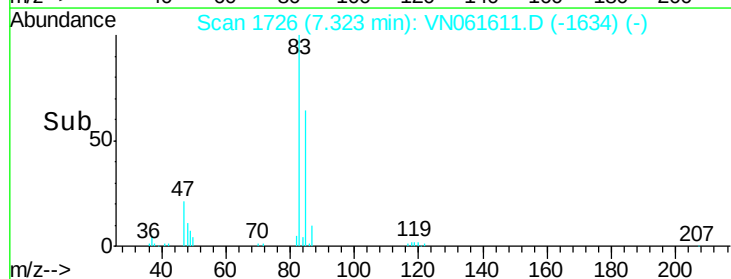
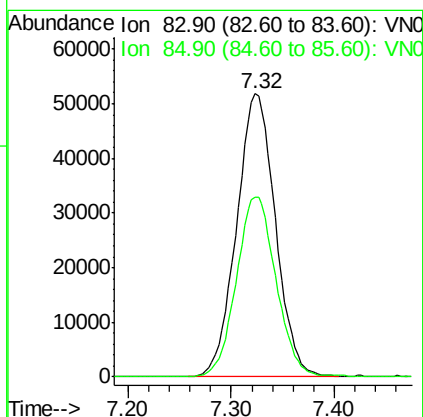
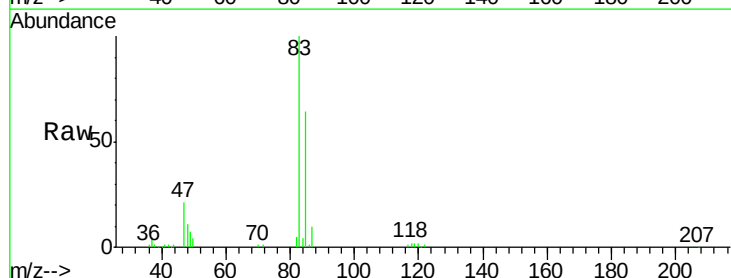
Instrument :
MSVOA_N
ClientSampleId :

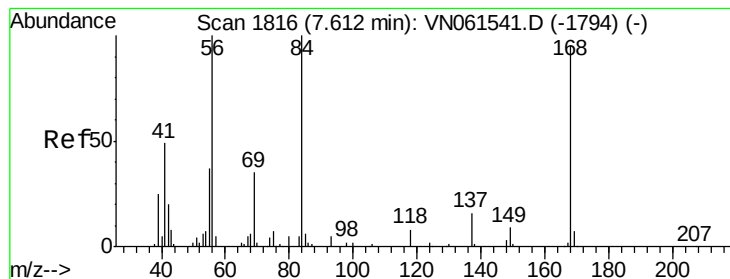
Tot Ion: 42 Resp: 107378
Ion Ratio Lower Upper
42 100
72 55.5 43.6 65.4
71 52.3 41.2 61.8



#30
Chloroform
Concen: 19.037 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion: 83 Resp: 135584
Ion Ratio Lower Upper
83 100
85 63.6 51.7 77.5





#31

Cyclohexane

Concen: 18.817 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampled :

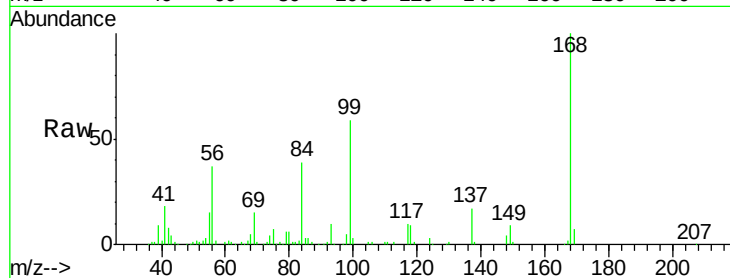
Tot Ion: 56 Resp: 108947

Ion Ratio Lower Upper

56 100

69 41.1 27.8 41.8

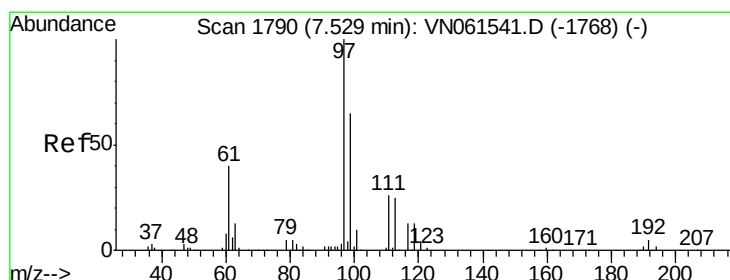
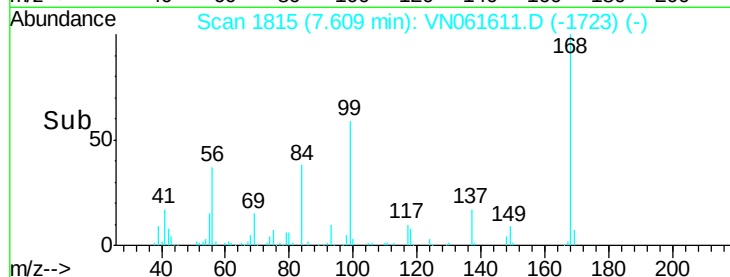
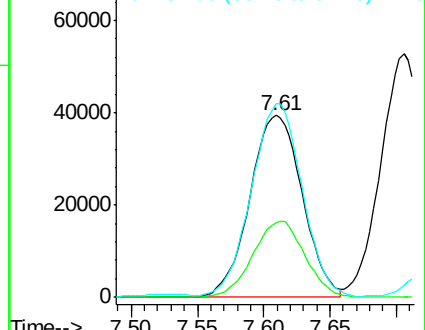
84 105.2 79.9 119.9



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: 18.595 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

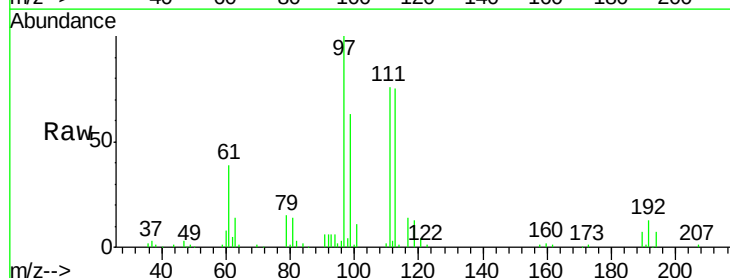
Tgt Ion: 97 Resp: 120673

Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

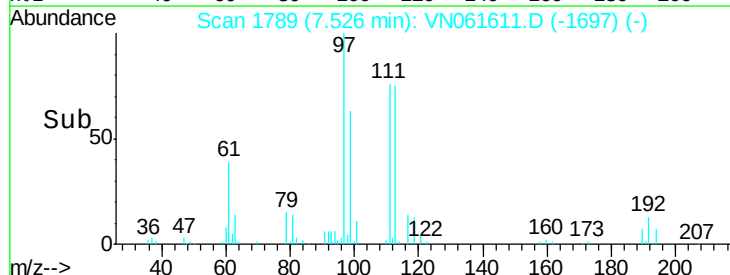
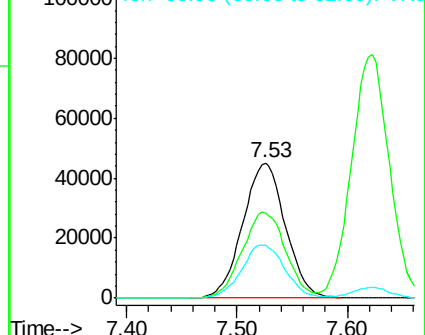
61 40.2 31.4 47.0

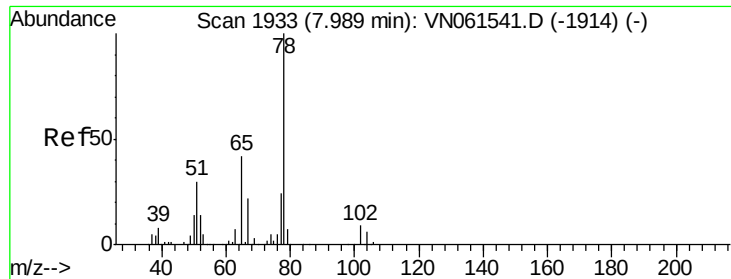


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

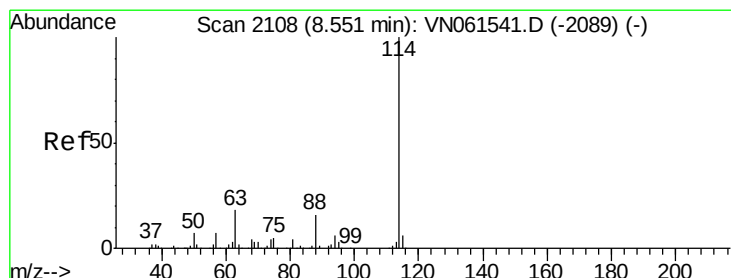
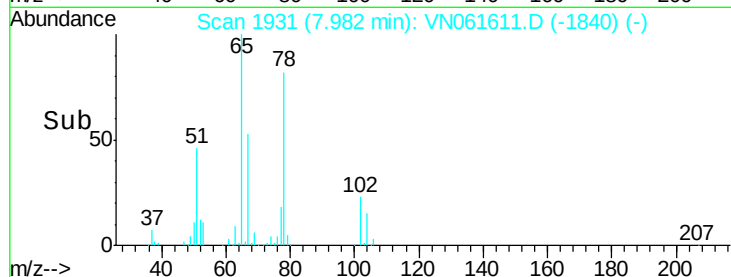
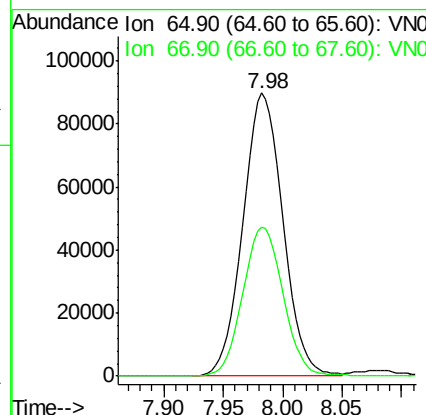
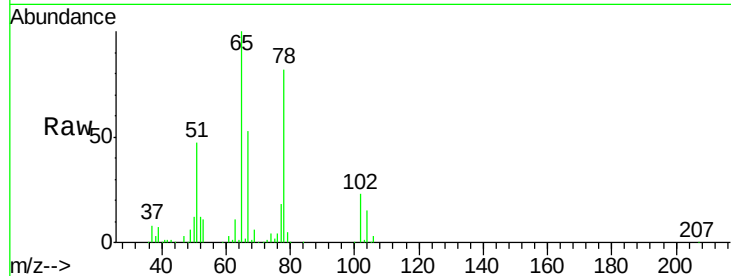




#33
 1,2-Dichloroethane-d4
 Concen: 50.930 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

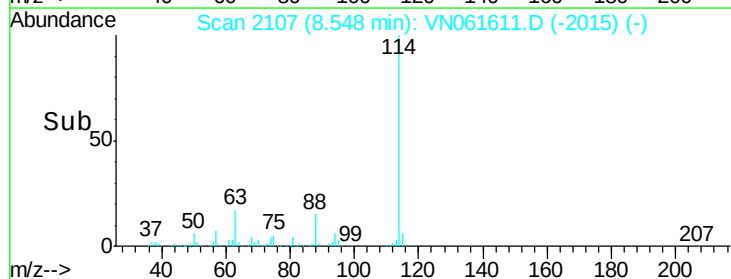
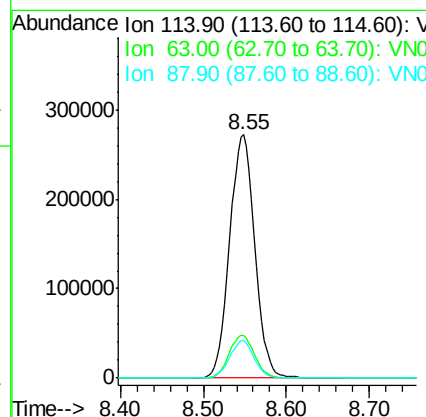
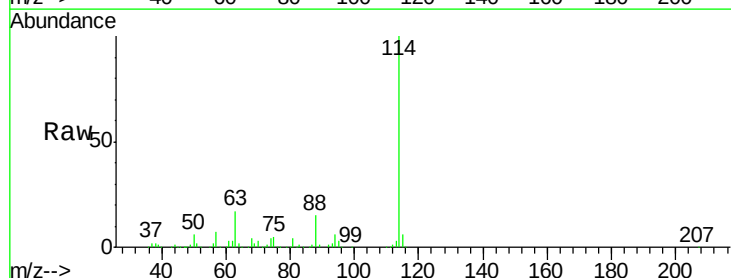
Instrument :
 MSVOA_N
 ClientSampled :

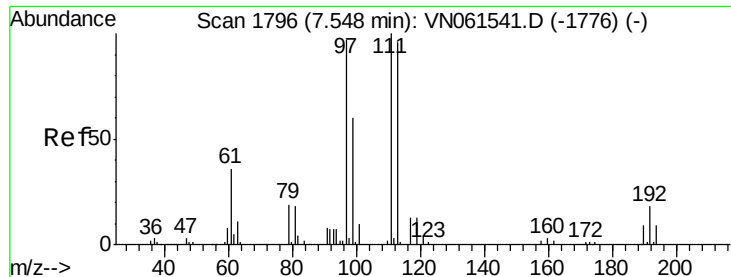
Tot Ion: 65 Resp: 209227
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion: 114 Resp: 575599
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.8
 88 15.2 0.0 31.0

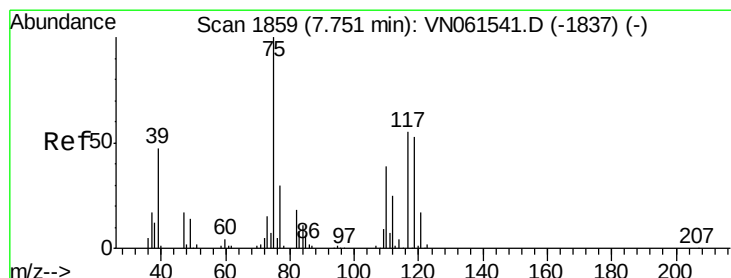
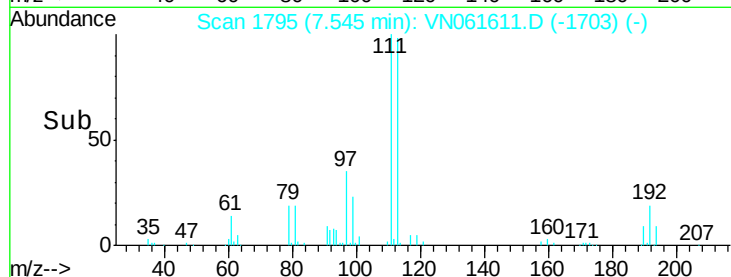
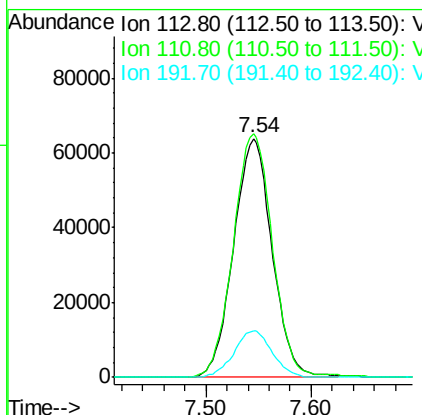
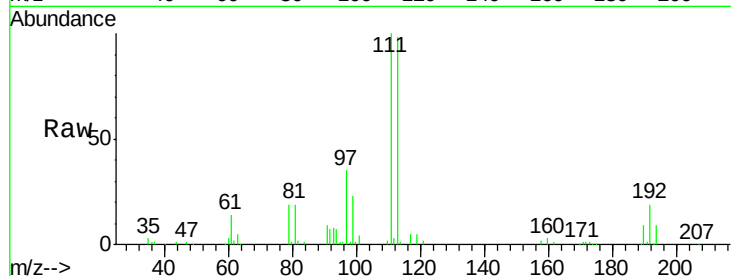




#35
 Dibromofluoromethane
 Concen: 55.406 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

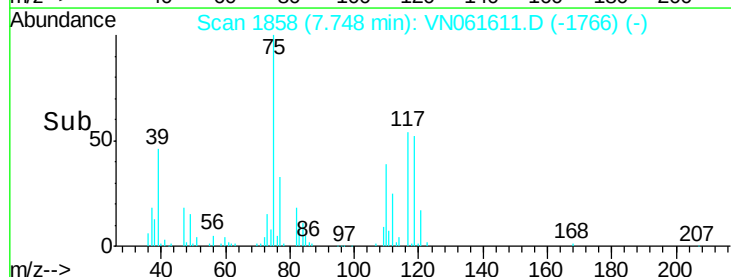
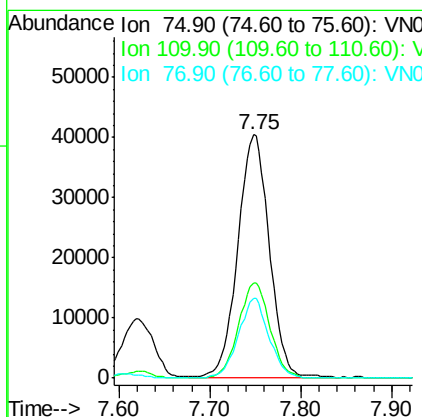
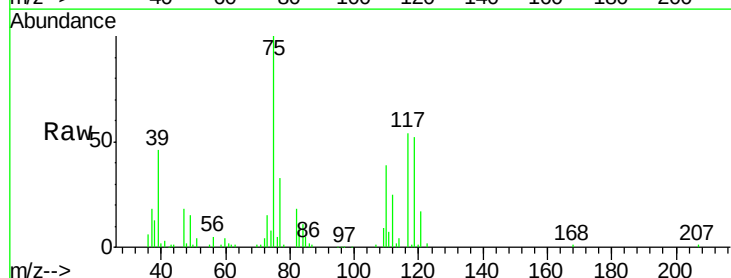
Instrument :
 MSVOA_N
 ClientSampleId :

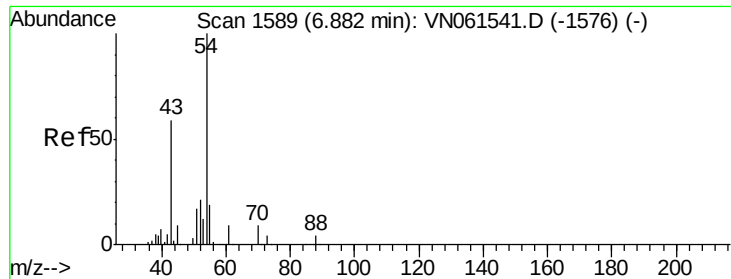
Tot Ion:113 Resp: 161779
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.4 125.0
 192 19.3 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 19.210 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion: 75 Resp: 97888
 Ion Ratio Lower Upper
 75 100
 110 38.7 19.5 58.5
 77 31.5 24.7 37.1

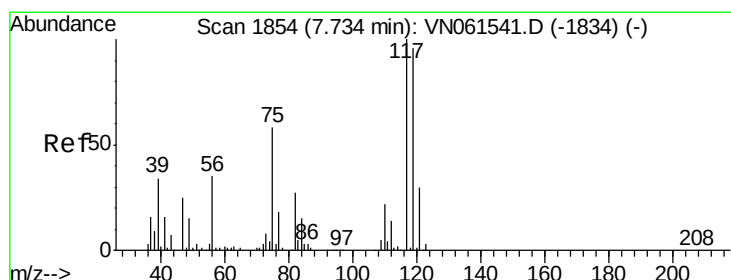
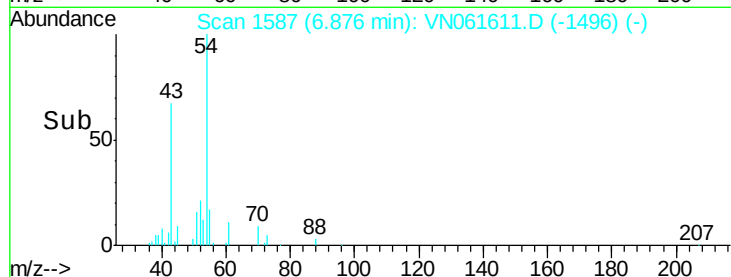
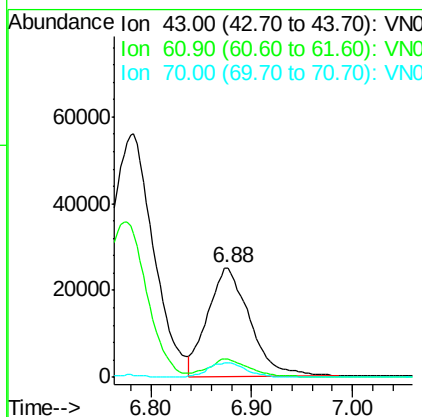
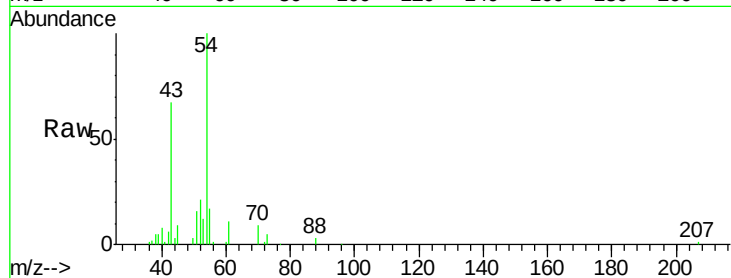




#37
Ethyl Acetate
Concen: 17.636 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

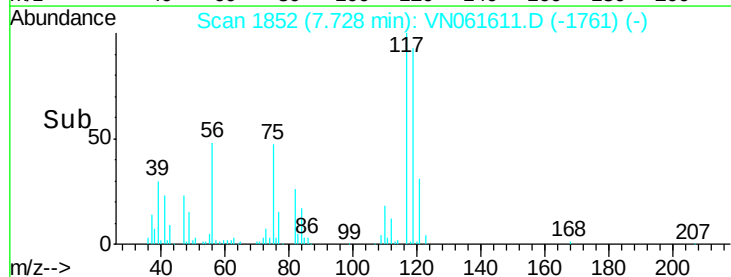
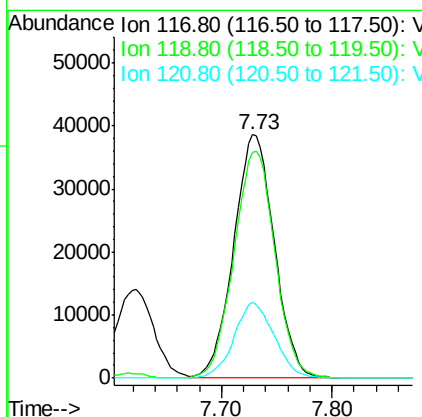
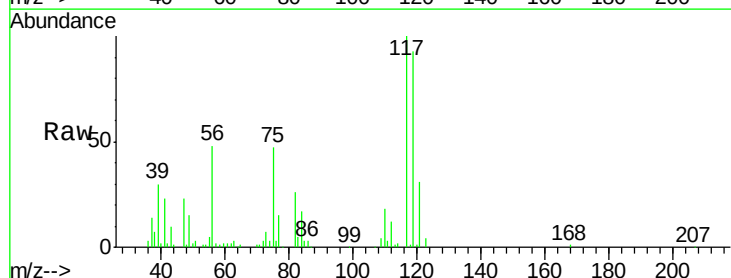
Instrument :
MSVOA_N
ClientSampled :

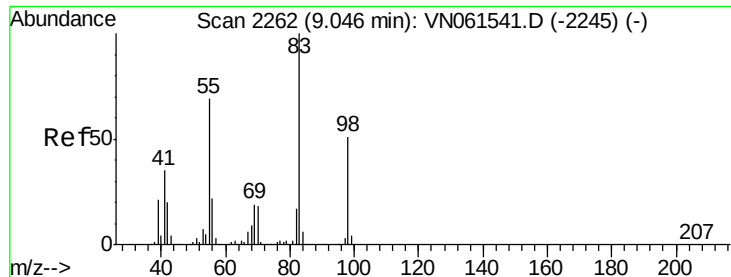
Tot Ion: 43 Resp: 72379
Ion Ratio Lower Upper
43 100
61 16.9 12.2 18.4
70 12.5 9.4 14.2



#38
Carbon Tetrachloride
Concen: 20.043 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion: 117 Resp: 98513
Ion Ratio Lower Upper
117 100
119 92.6 76.5 114.7
121 31.0 24.1 36.1

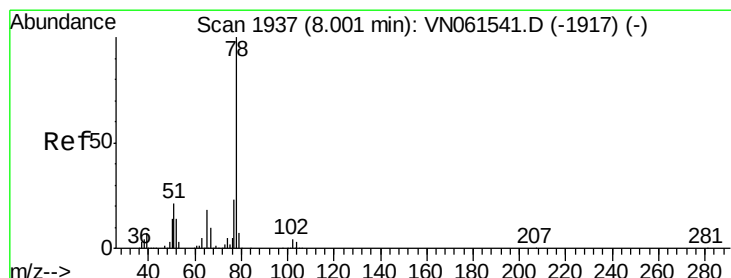
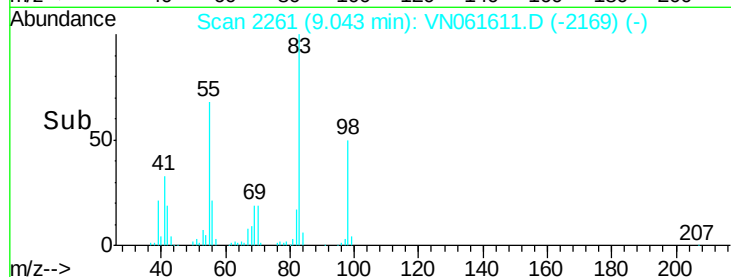
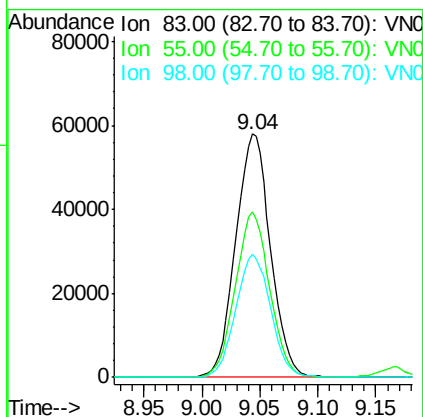
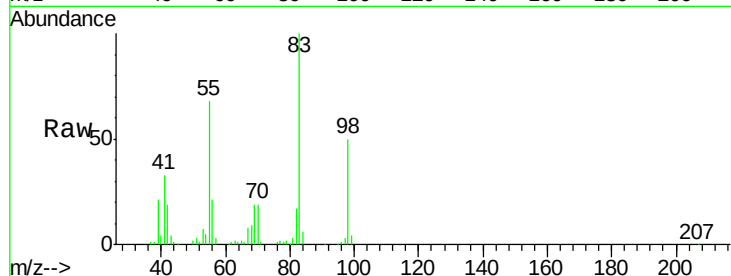




#39
Methylvlcyclohexane
Concen: 19.236 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

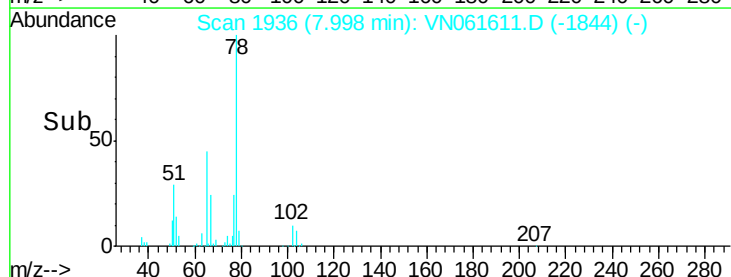
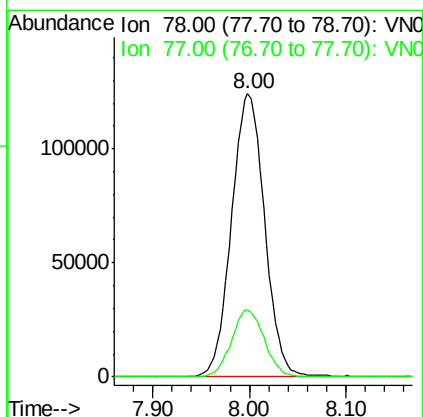
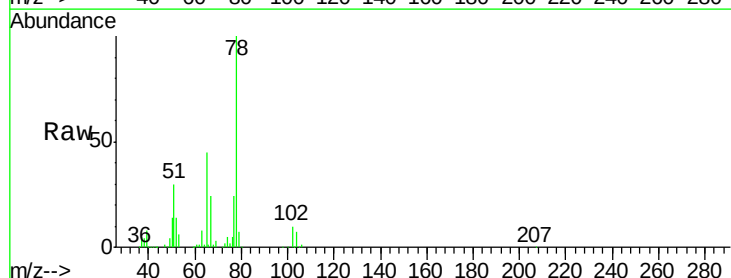
Instrument :
MSVOA_N
ClientSampled :

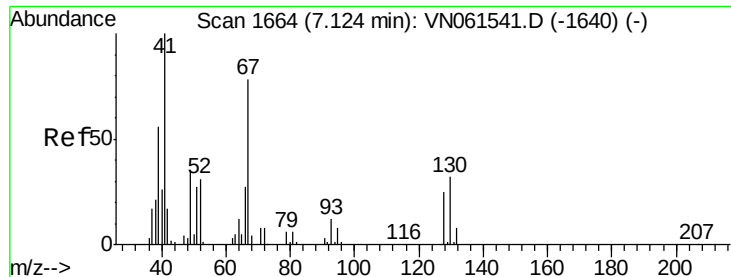
Tot Ion: 83 Resp: 120813
Ion Ratio Lower Upper
83 100
55 67.8 54.9 82.3
98 50.4 41.0 61.4



#40
Benzene
Concen: 18.788 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion: 78 Resp: 295379
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0

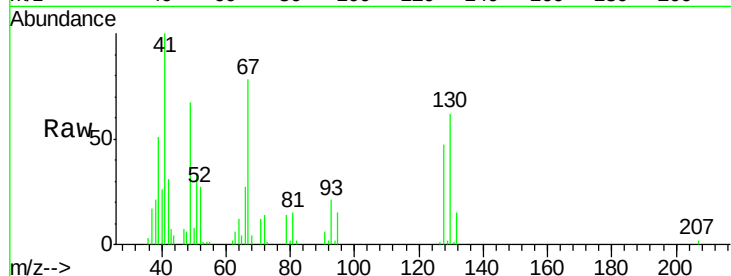




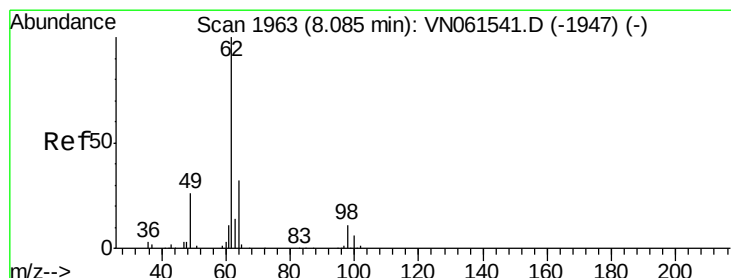
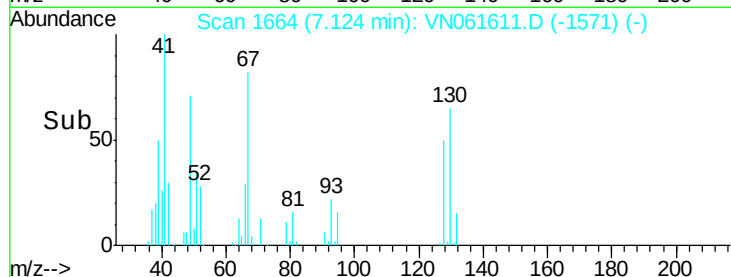
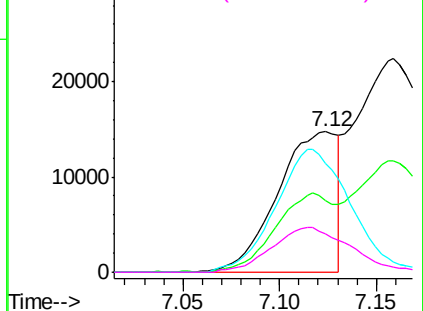
#41
Methacrylonitrile
Concen: 16.915 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	31806
Ion	Ratio	Lower	Upper
41	100		
39	55.5	53.8	80.6
67	110.3	91.1	136.7
52	42.5	36.0	54.0

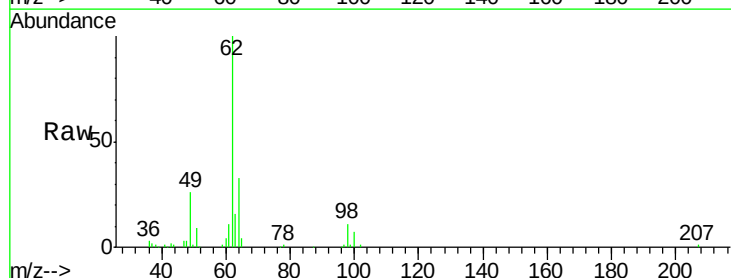


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

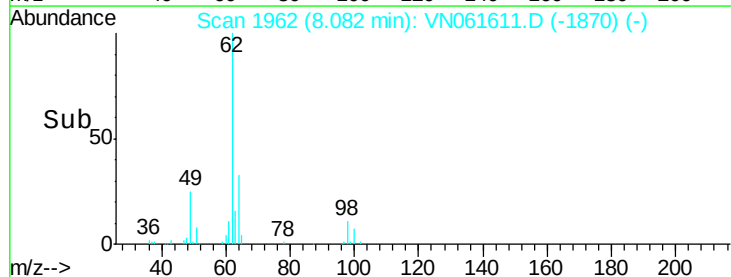
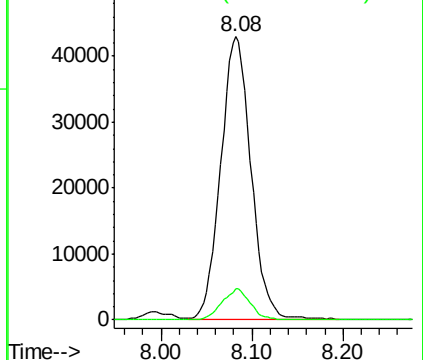


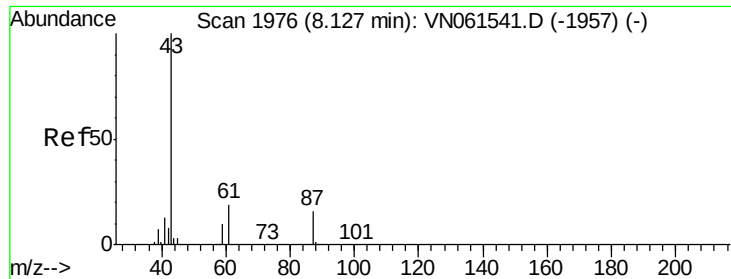
#42
1,2-Dichloroethane
Concen: 18.927 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion:	62	Resp:	99623
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.4



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





#43

Isopropyl Acetate

Concen: 17.308 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

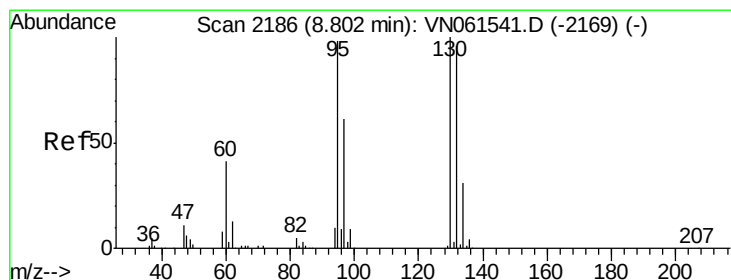
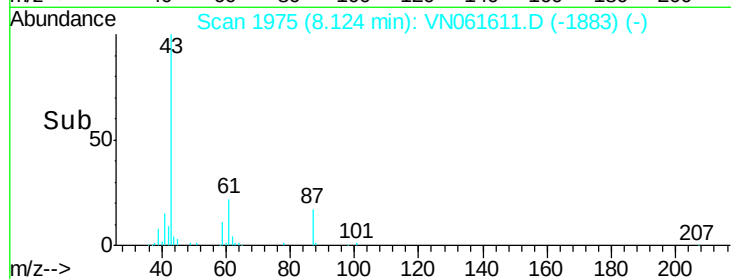
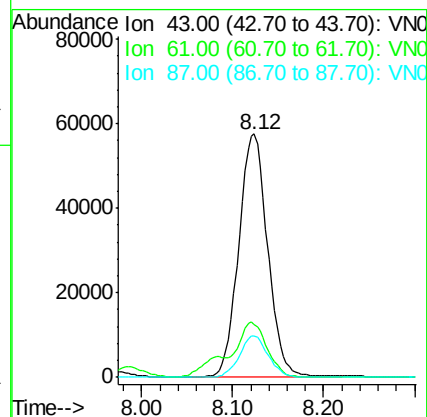
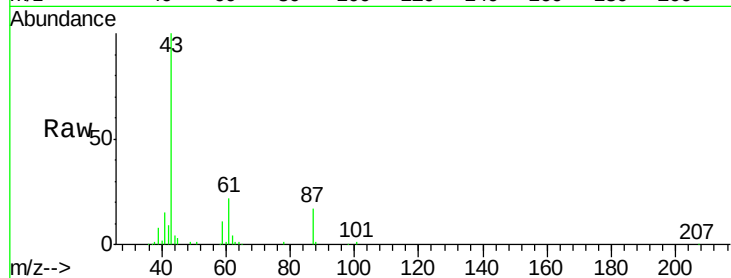
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 127799

Ion	Ratio	Lower	Upper
43	100		
61	22.4	23.6	35.4#
87	16.7	13.0	19.6



#44

Trichloroethene

Concen: 18.980 ug/l

RT: 8.80 min Scan# 2184

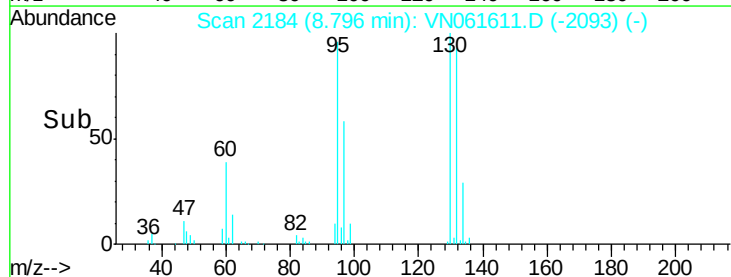
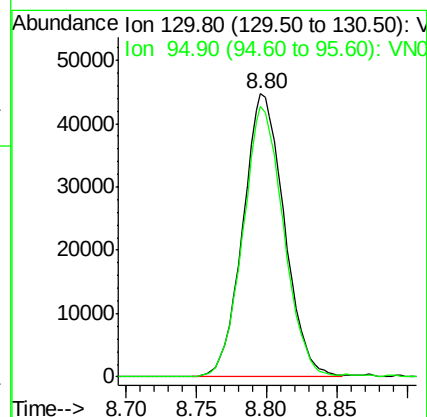
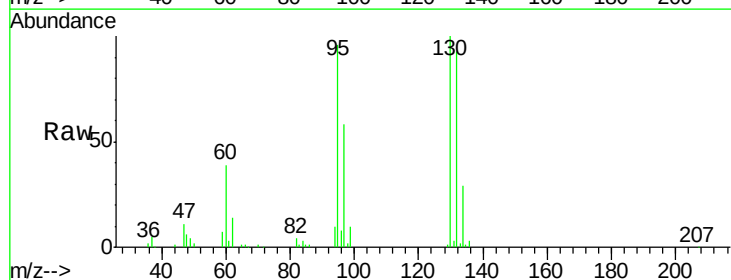
Delta R.T. -0.01 min

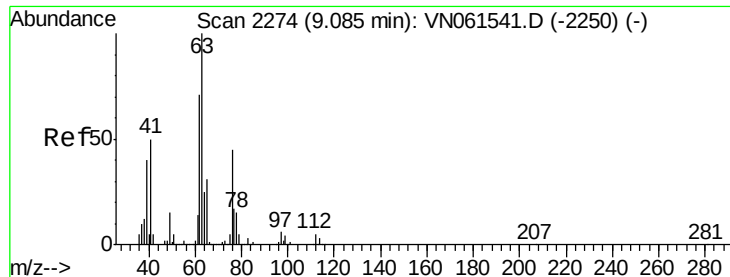
Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Tgt Ion:130 Resp: 91708

Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	196.6





#45

1,2-Dichloropropane

Concen: 19.096 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

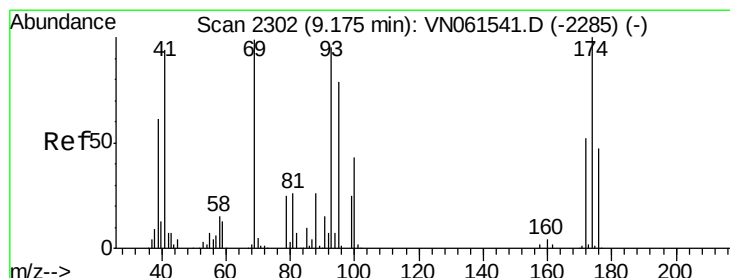
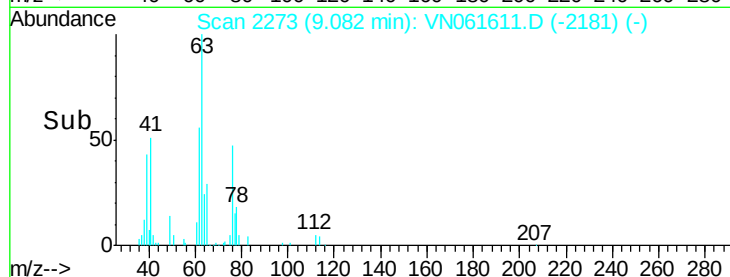
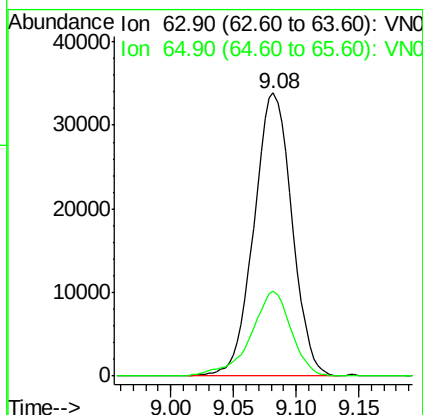
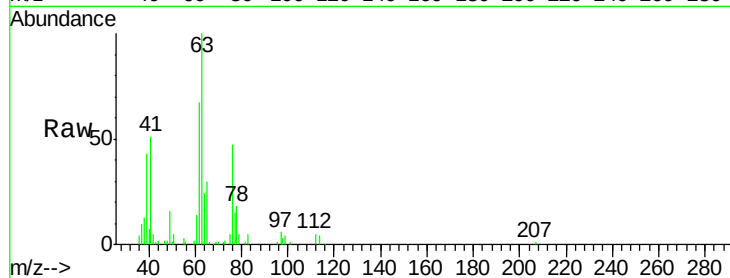
ClientSampleId :

Tot Ion: 63 Resp: 71290

Ion Ratio Lower Upper

63 100

65 30.2 24.7 37.1



#46

Dibromomethane

Concen: 18.571 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

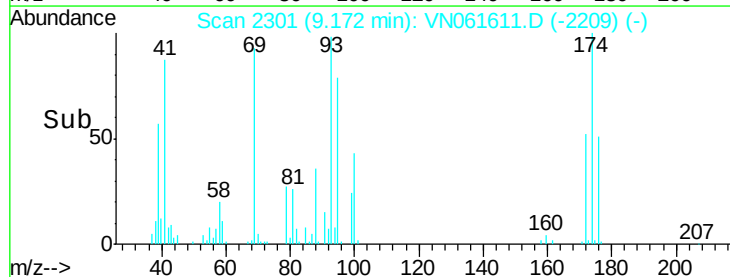
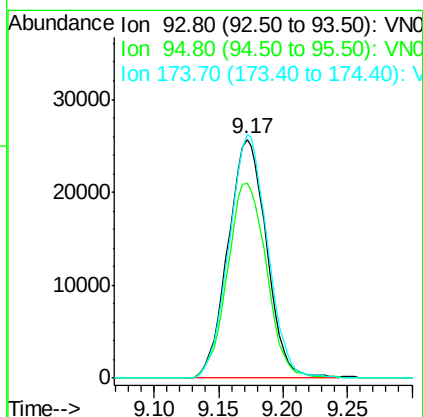
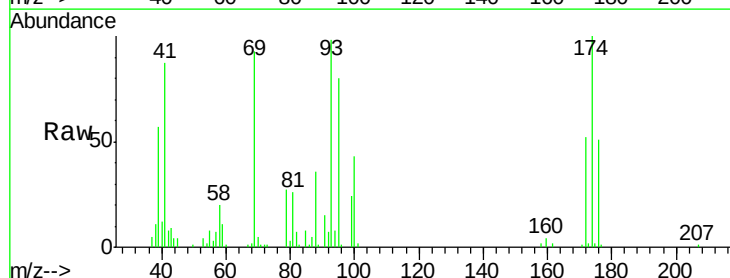
Tgt Ion: 93 Resp: 53172

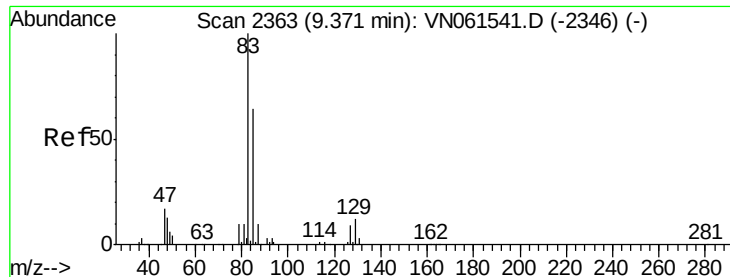
Ion Ratio Lower Upper

93 100

95 82.5 66.0 99.0

174 102.0 82.5 123.7





#47

Bromodichloromethane

Concen: 18.971 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampled :

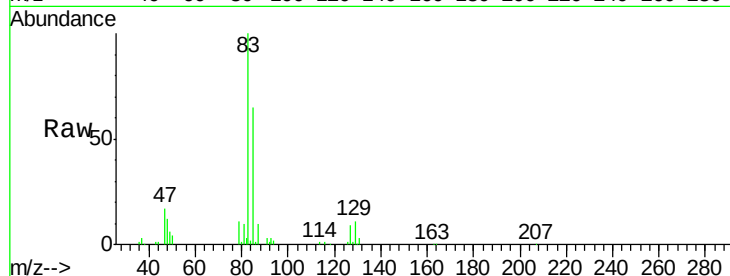
Tot Ion: 83 Resp: 107619

Ion Ratio Lower Upper

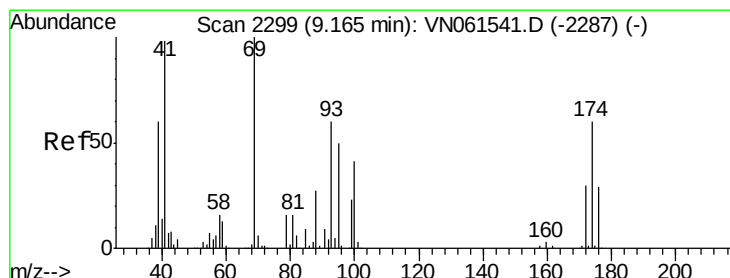
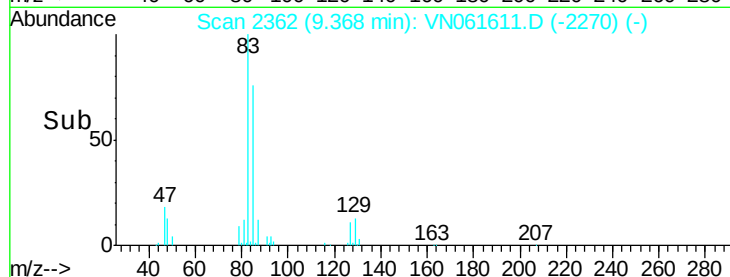
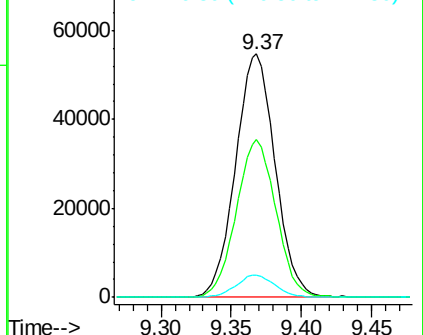
83 100

85 64.7 51.1 76.7

127 9.4 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.053 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

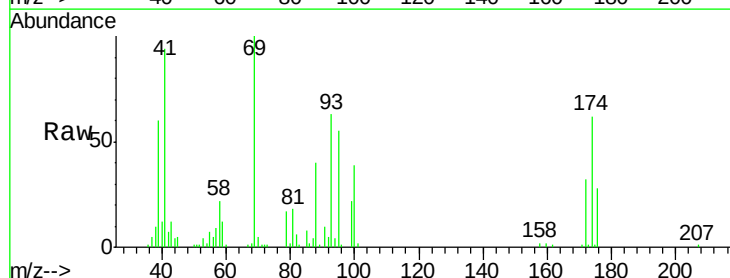
Tgt Ion: 41 Resp: 53330

Ion Ratio Lower Upper

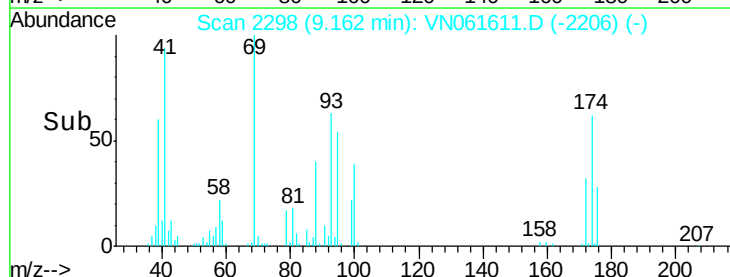
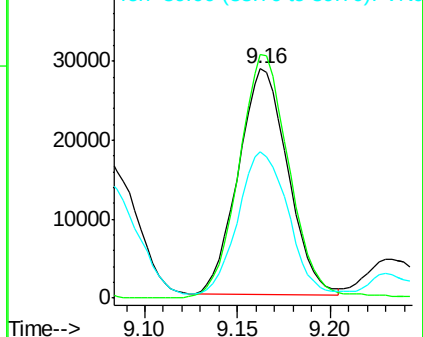
41 100

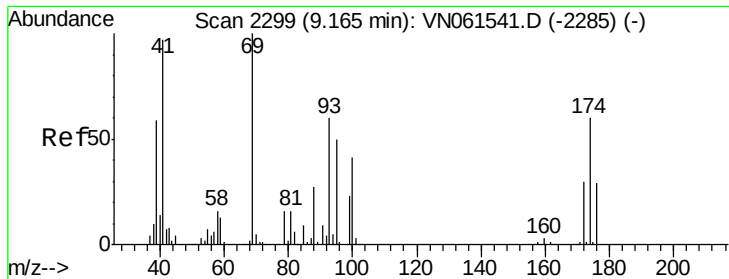
69 109.4 83.9 125.9

39 66.4 52.1 78.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

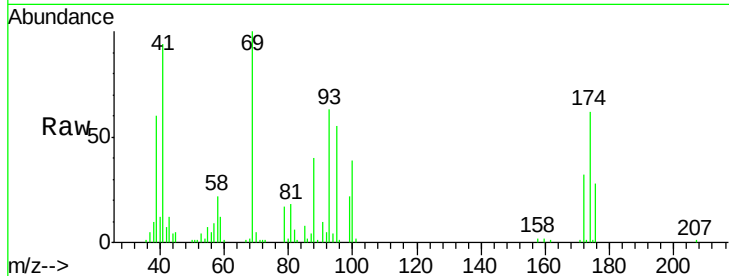




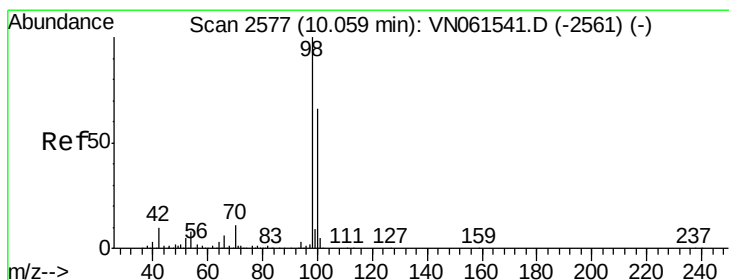
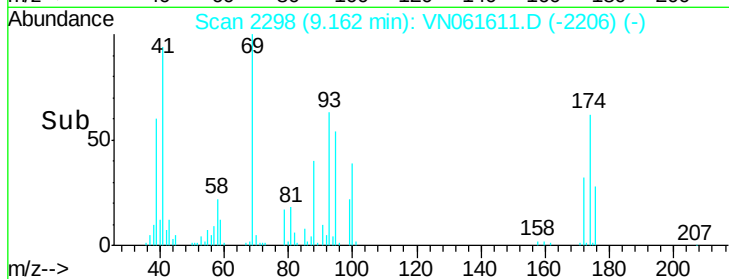
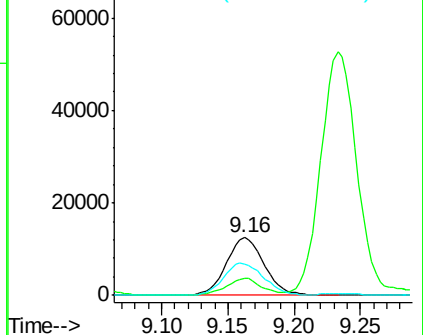
#49
 1,4-Dioxane
 Concen: 484.099 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 24914
 Ion Ratio Lower Upper
 88 100
 43 27.7 23.1 34.7
 58 59.0 48.3 72.5

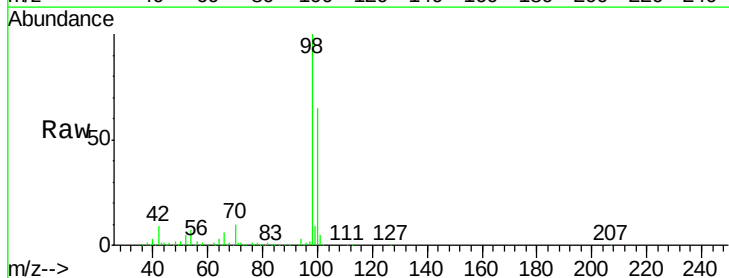


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

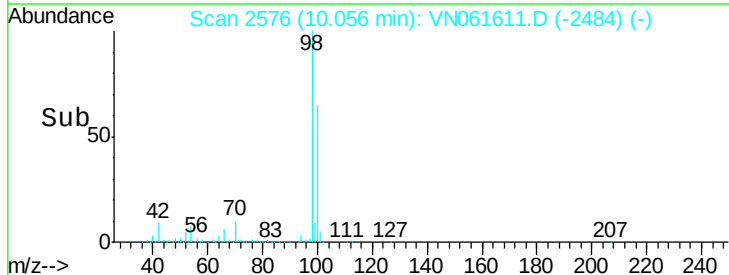
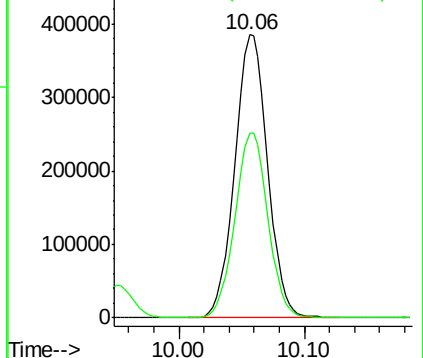


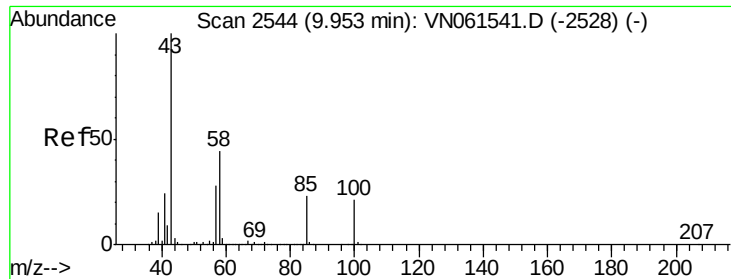
#50
 Toluene-d8
 Concen: 51.587 ug/l
 RT: 10.06 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion: 98 Resp: 698029
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.8 79.2



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

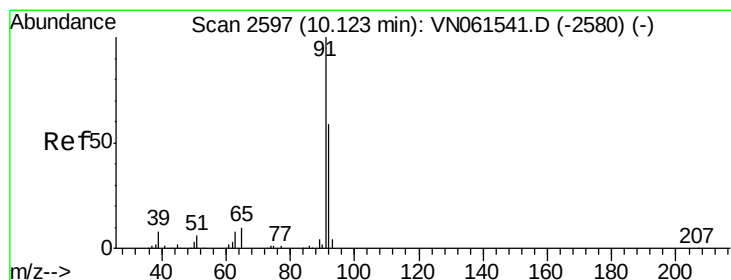
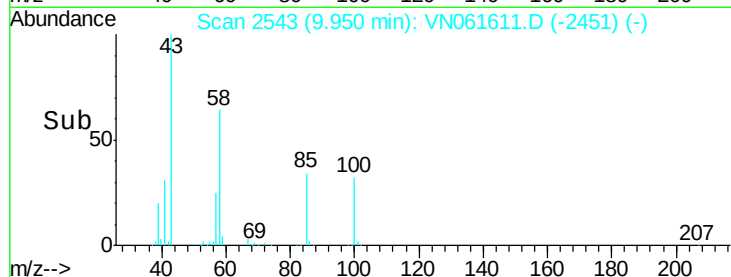
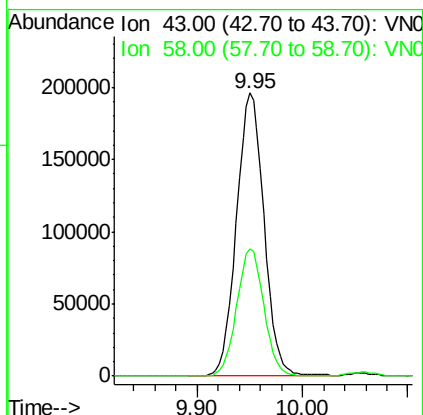
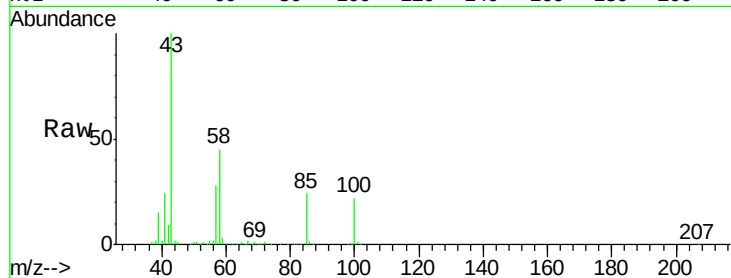




#51
 4-Methyl-2-Pentanone
 Concen: 85.451 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

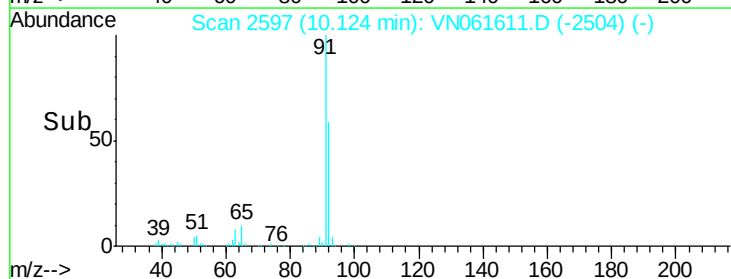
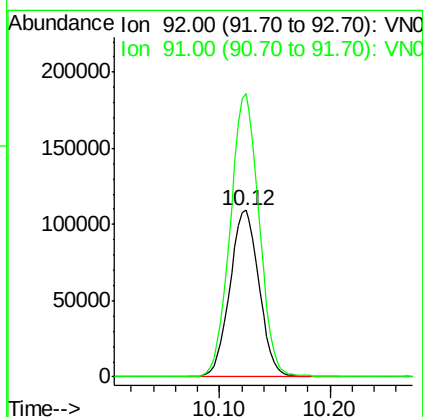
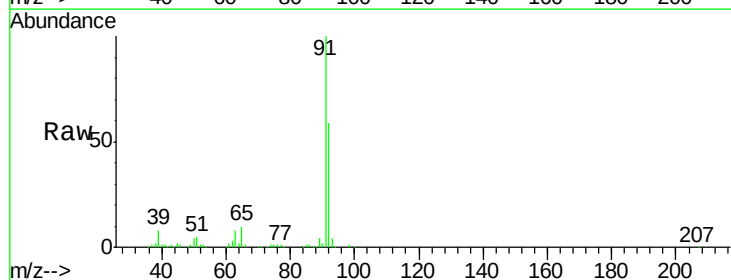
Instrument :
 MSVOA_N
 ClientSampled :

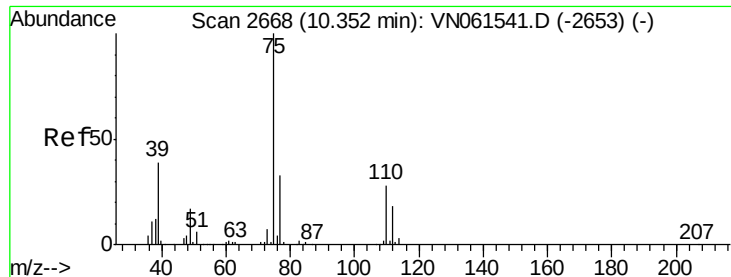
Tot Ion: 43 Resp: 355558
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.0 52.6



#52
 Toluene
 Concen: 19.590 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion: 92 Resp: 201026
 Ion Ratio Lower Upper
 92 100
 91 167.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 18.606 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

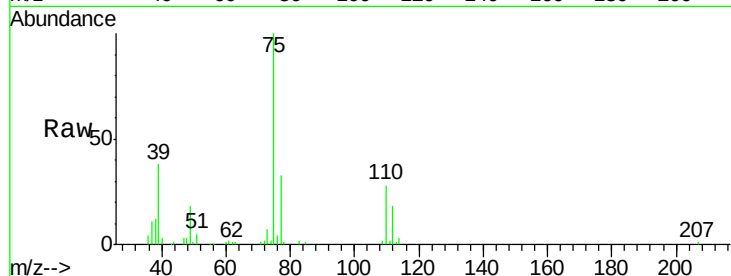
ClientSampleId :

Tot Ion: 75 Resp: 113699

Ion Ratio Lower Upper

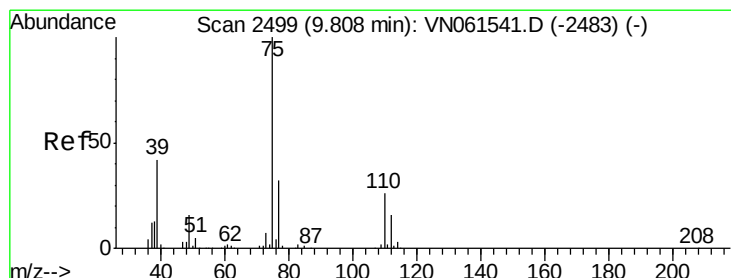
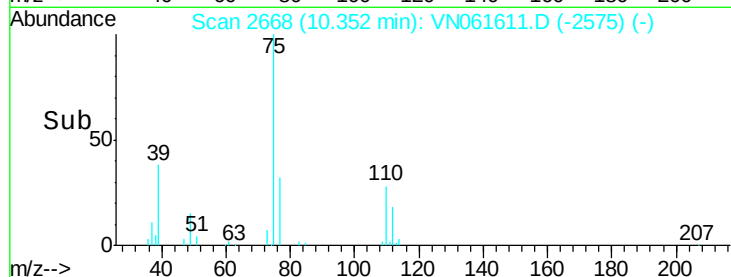
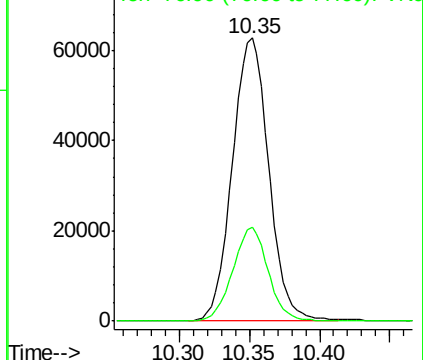
75 100

77 33.1 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.611 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

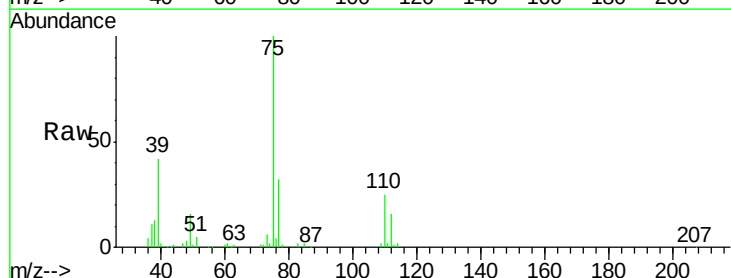
Tgt Ion: 75 Resp: 122288

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

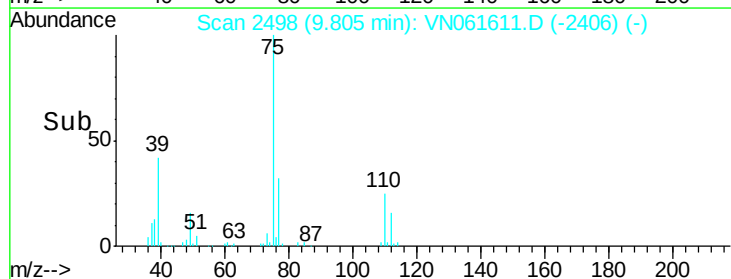
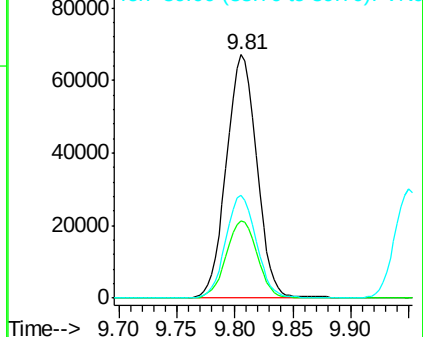
39 42.3 33.8 50.6

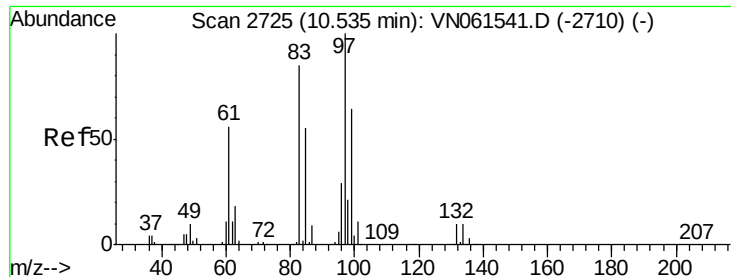


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



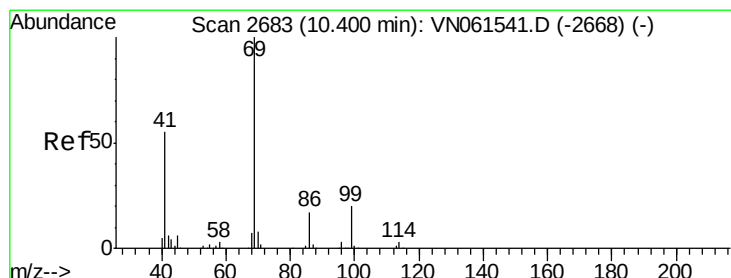
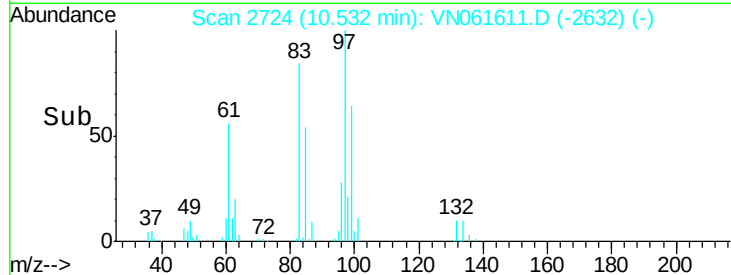
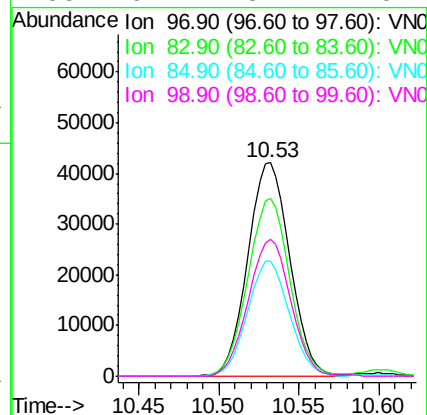
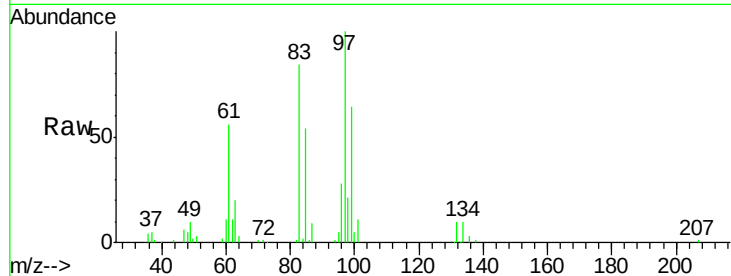


#55
 1,1,2-Trichloroethane
 Concen: 18.486 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 75576

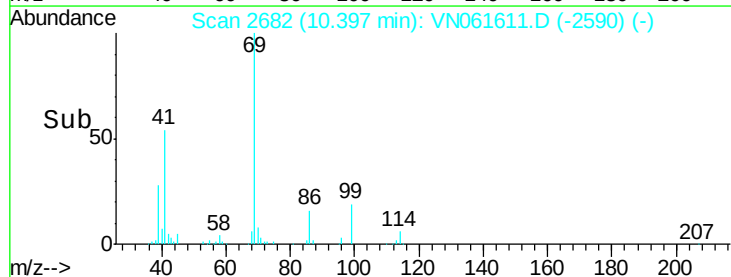
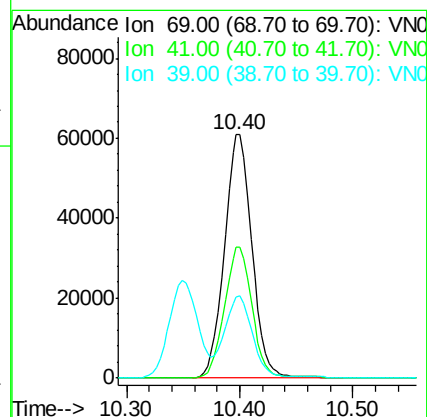
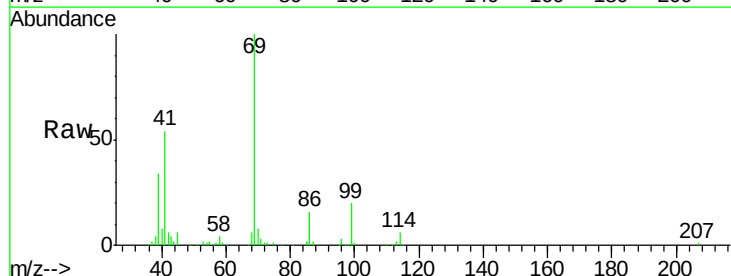
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.1	102.1
85	54.1	44.1	66.1
99	64.4	51.1	76.7

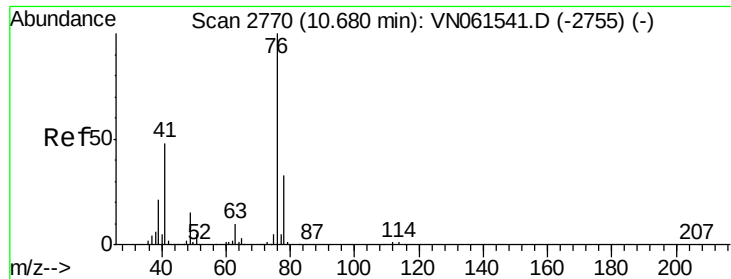


#56
 Ethyl methacrylate
 Concen: 18.005 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion: 69 Resp: 102823

Ion	Ratio	Lower	Upper
69	100		
41	53.8	43.5	65.3
39	33.9	27.0	40.6

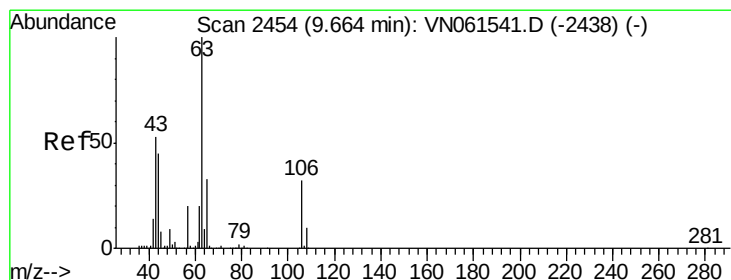
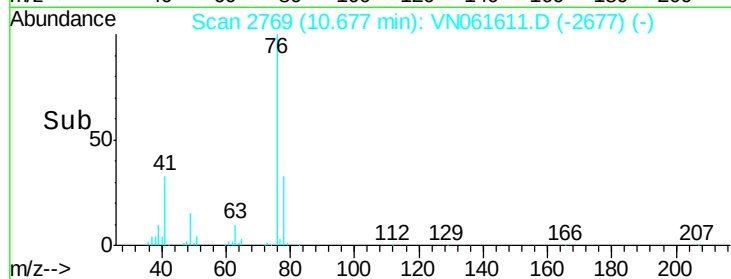
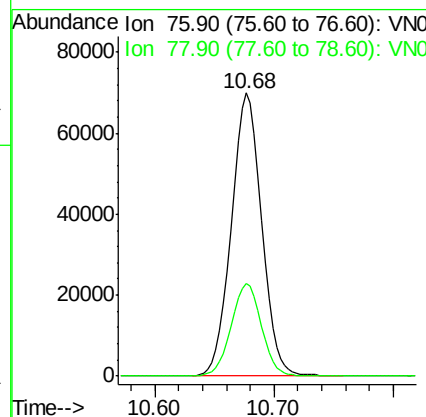
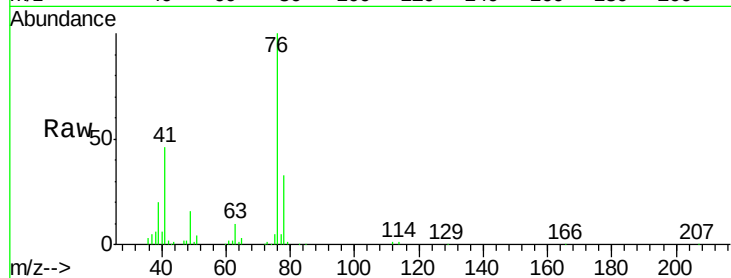




#57
 1,3-Dichloropropane
 Concen: 18.865 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

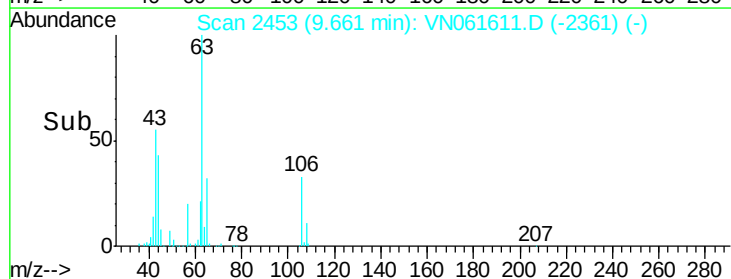
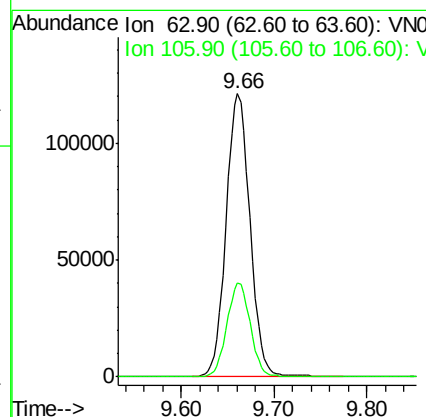
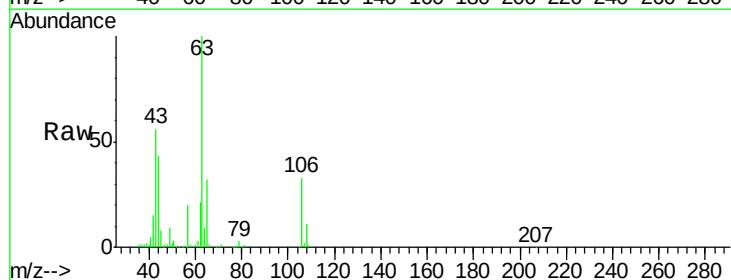
Instrument :
 MSVOA_N
 ClientSampled :

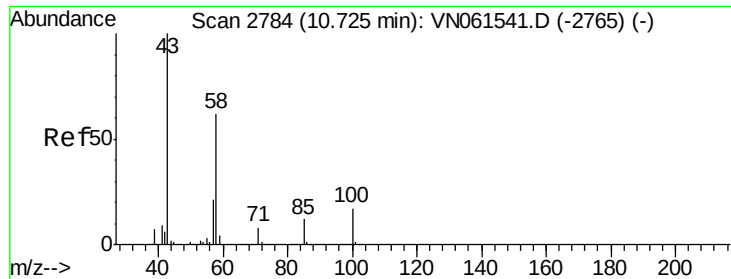
Tot Ion: 76 Resp: 123350
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.808 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion: 63 Resp: 216740
 Ion Ratio Lower Upper
 63 100
 106 32.5 25.9 38.9

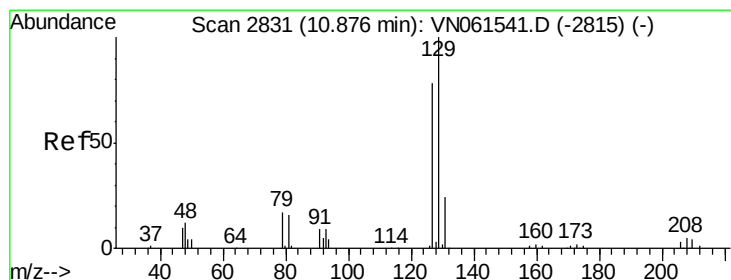
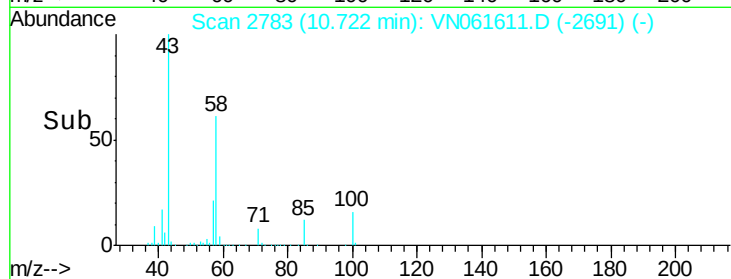
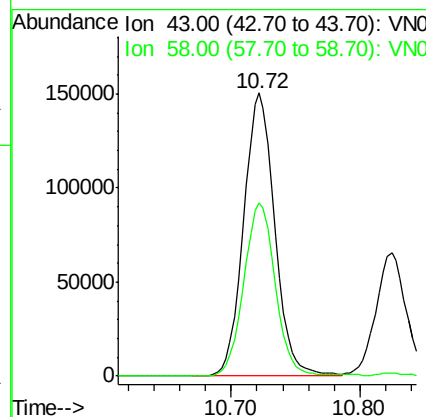
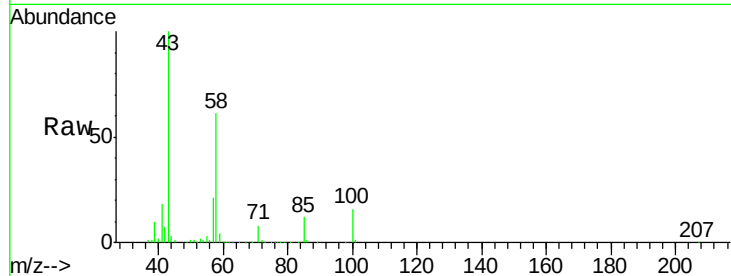




#59
2-Hexanone
Concen: 84.681 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

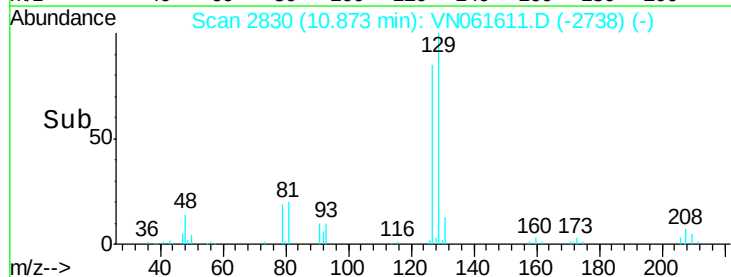
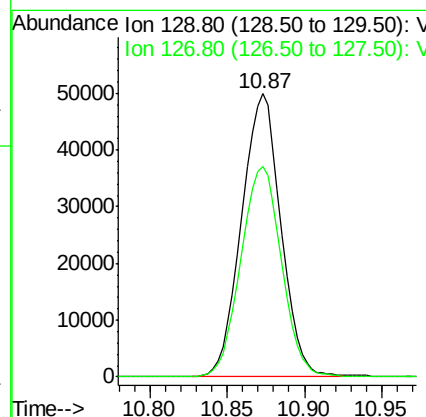
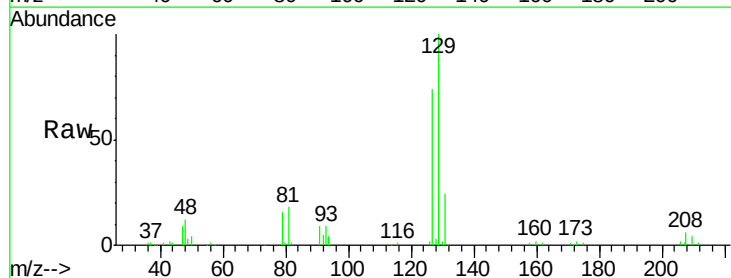
Instrument :
MSVOA_N
ClientSampleId :

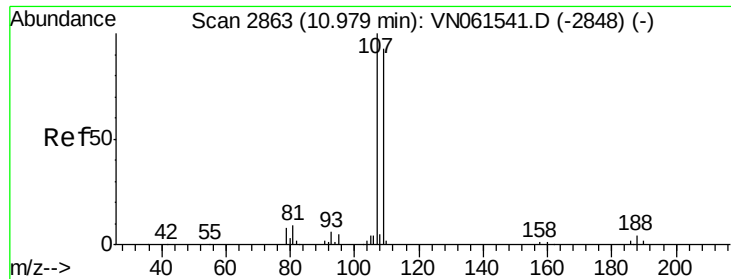
Tot Ion: 43 Resp: 253052
Ion Ratio Lower Upper
43 100
58 61.7 30.7 92.1



#60
Dibromochloromethane
Concen: 18.984 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion: 129 Resp: 88232
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.3

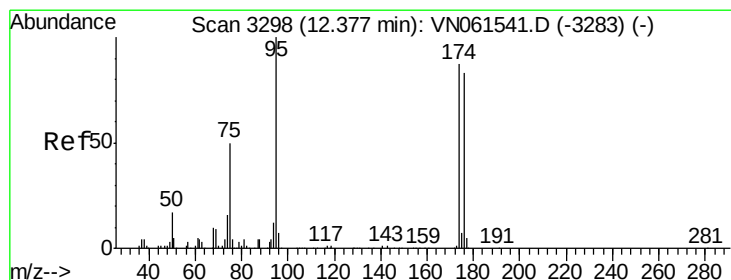
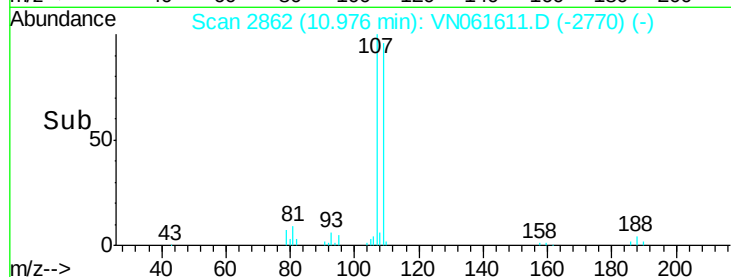
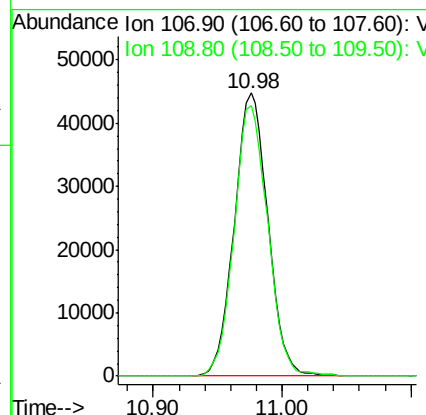
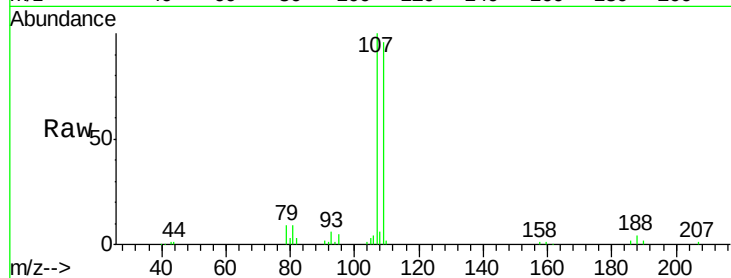




#61
 1,2-Dibromoethane
 Concen: 18.999 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

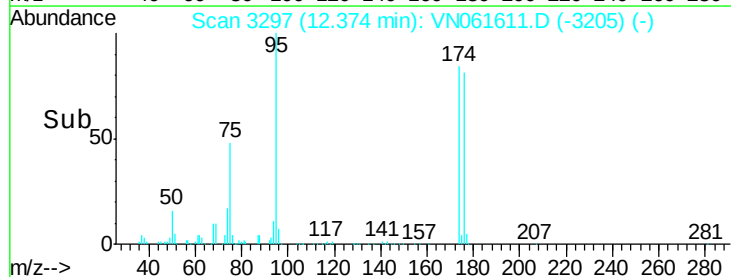
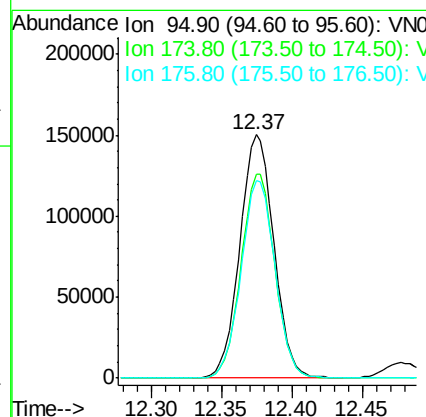
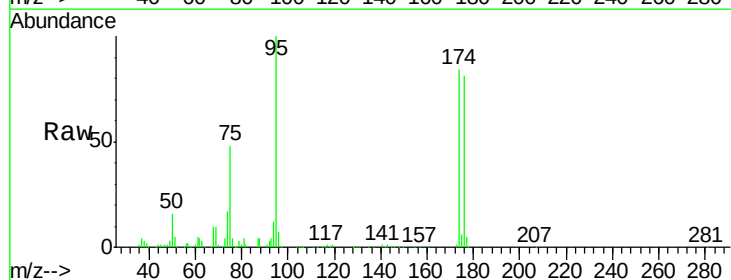
Instrument :
 MSVOA_N
 ClientSampled :

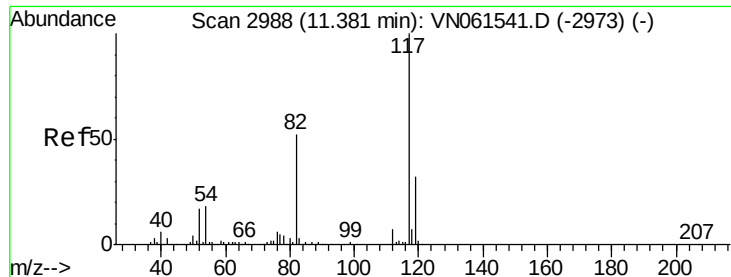
Tot Ion: 107 Resp: 81011
 Ion Ratio Lower Upper
 107 100
 109 95.8 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 51.479 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion: 95 Resp: 254137
 Ion Ratio Lower Upper
 95 100
 174 83.3 0.0 172.8
 176 81.2 0.0 164.8

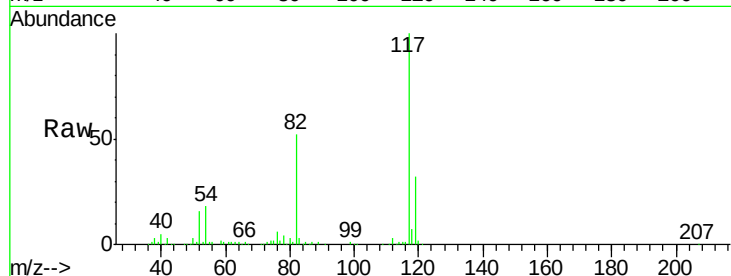




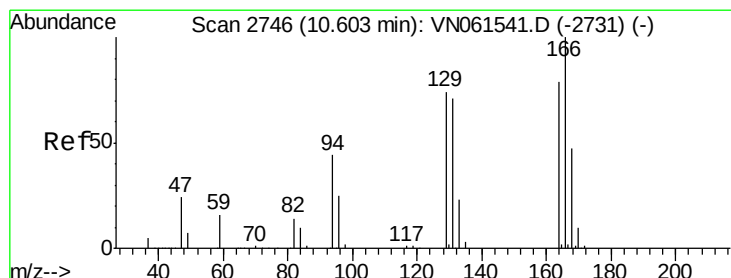
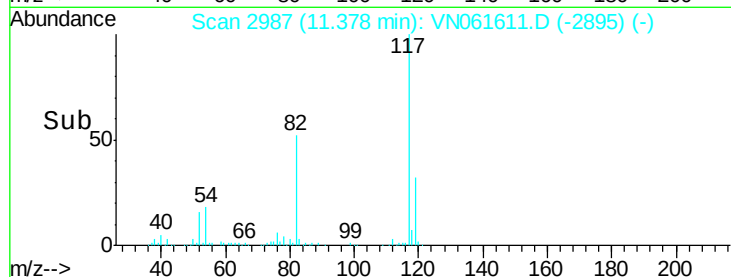
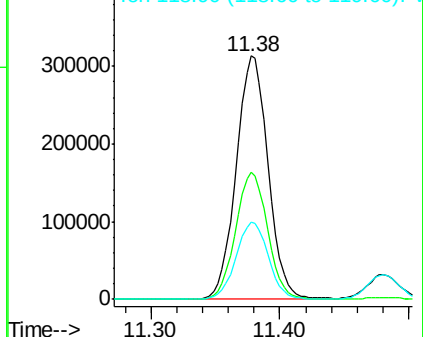
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 538918
Ion Ratio Lower Upper
117 100
82 52.2 41.5 62.3
119 31.8 25.6 38.4

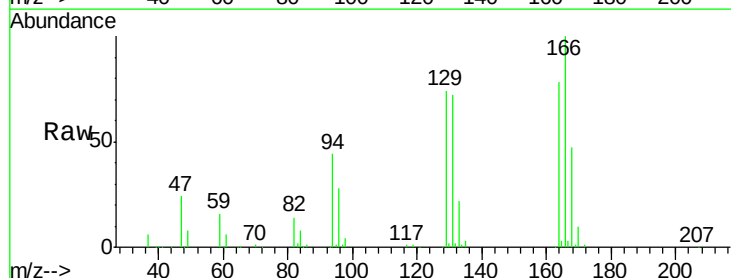


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

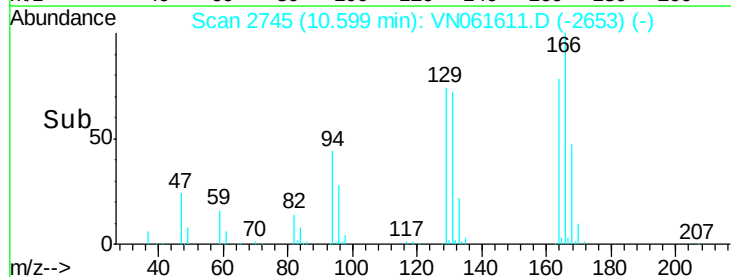
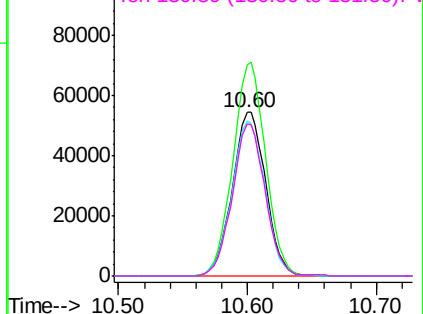


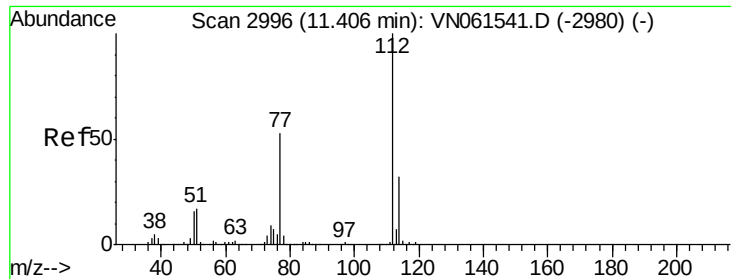
#64
Tetrachloroethene
Concen: 19.297 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion:164 Resp: 97892
Ion Ratio Lower Upper
164 100
166 128.8 101.5 152.3
129 94.7 74.9 112.3
131 93.0 72.2 108.2



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: 19.447 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

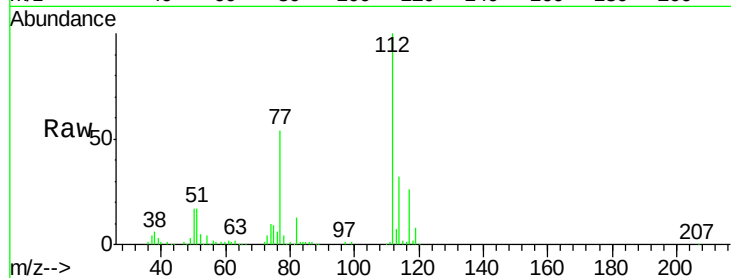
ClientSampleId :

Tot Ion:112 Resp: 217852

Ion Ratio Lower Upper

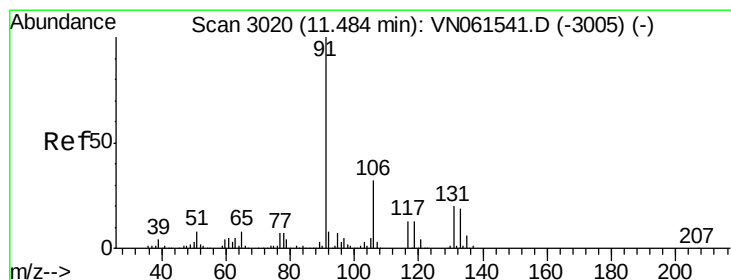
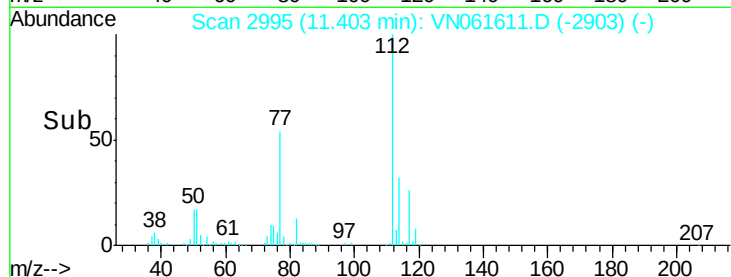
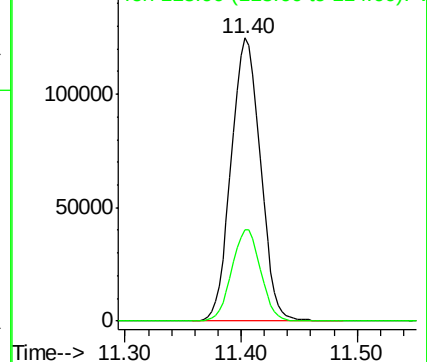
112 100

114 32.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.263 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

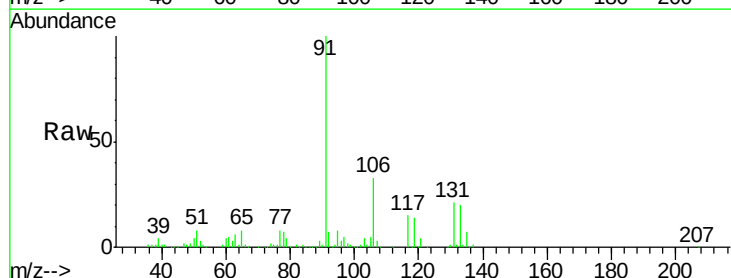
Tgt Ion:131 Resp: 80349

Ion Ratio Lower Upper

131 100

133 96.9 47.4 142.2

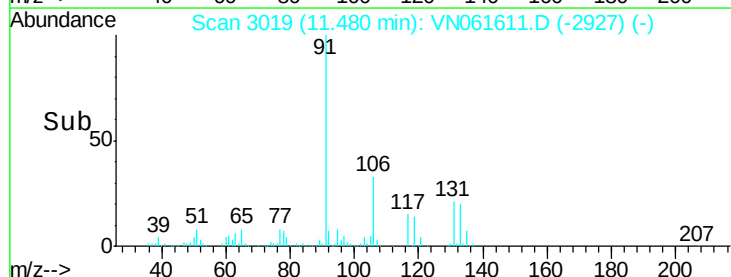
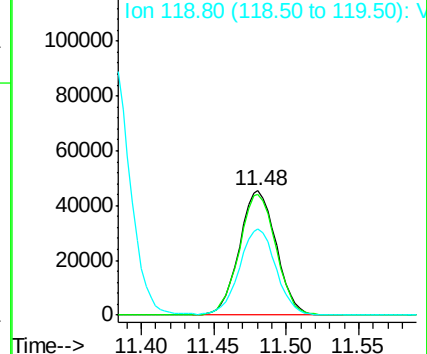
119 68.8 32.6 97.8

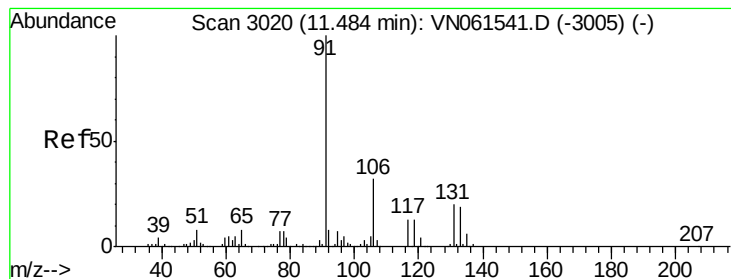


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.374 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

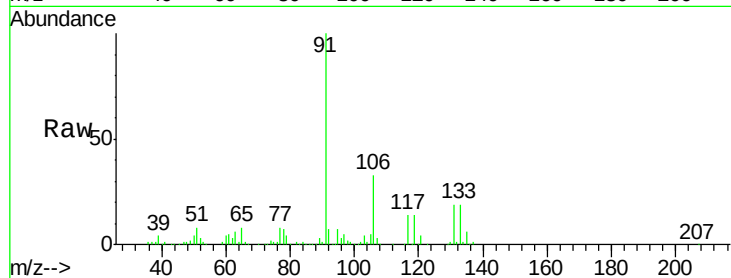
ClientSampled :

Tot Ion: 91 Resp: 375106

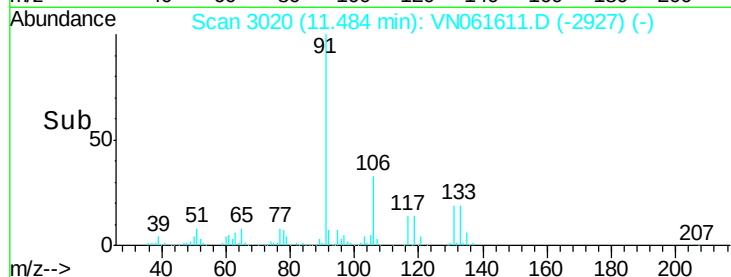
Ion Ratio Lower Upper

91 100

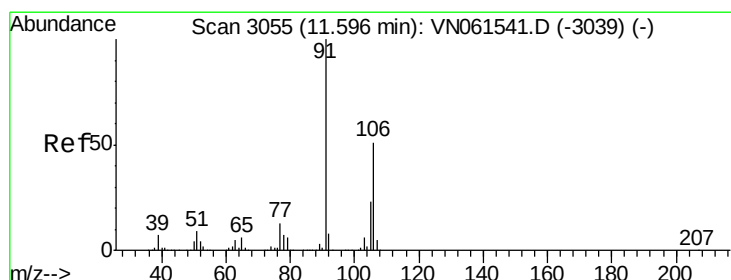
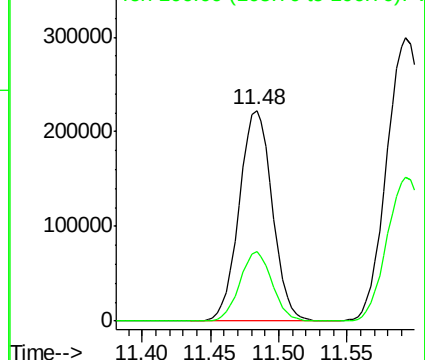
106 32.9 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VN061611.D (-2927) (-)



Ion 106.00 (105.70 to 106.70): VN061611.D (-2927) (-)



#68

m/p-Xylenes

Concen: 38.519 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN061611.D

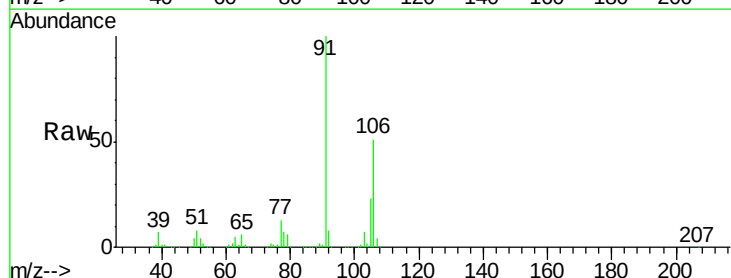
Acq: 2 Jun 2020 11:21

Tgt Ion: 106 Resp: 295711

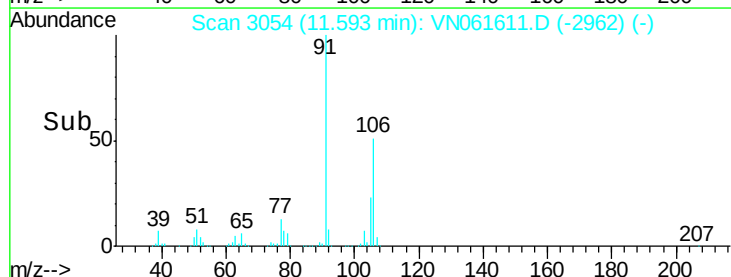
Ion Ratio Lower Upper

106 100

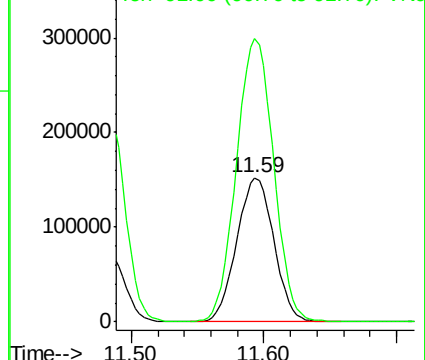
91 197.5 156.2 234.4

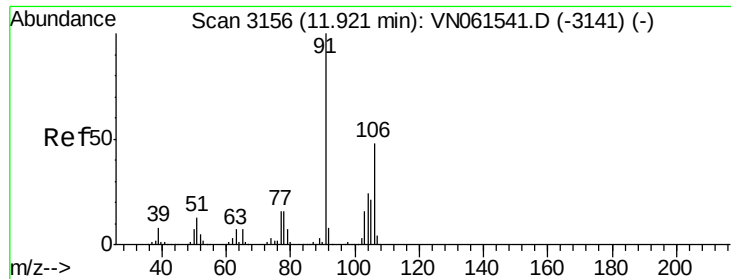


Abundance Ion 106.00 (105.70 to 106.70): VN061611.D (-2962) (-)



Ion 91.00 (90.70 to 91.70): VN061611.D (-2962) (-)

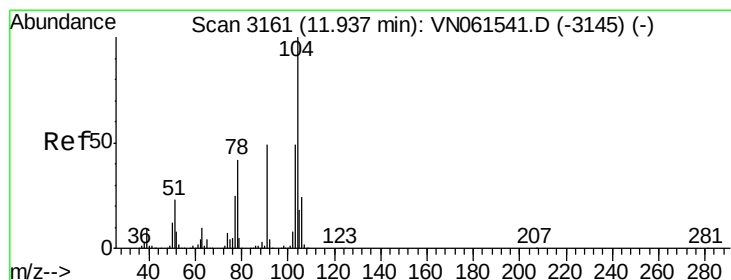
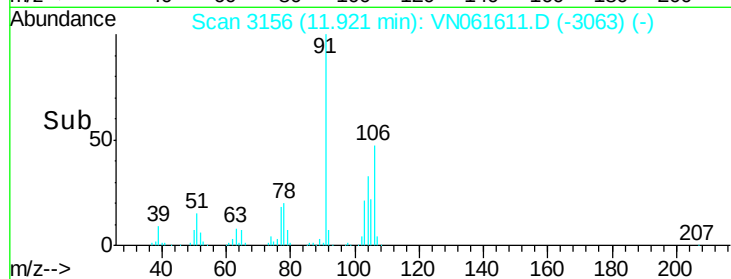
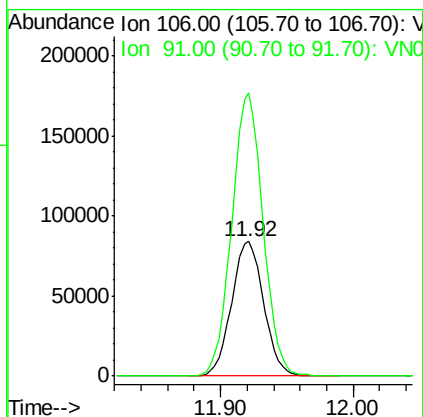
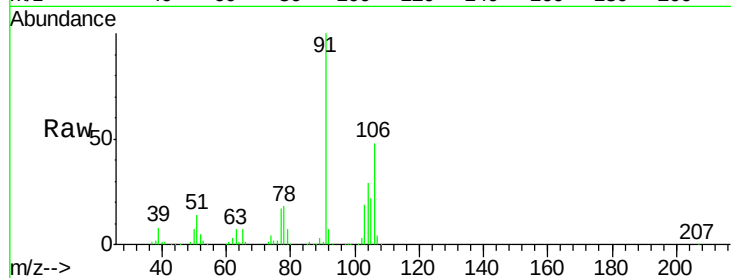




#69
o-Xylene
Concen: 19.399 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

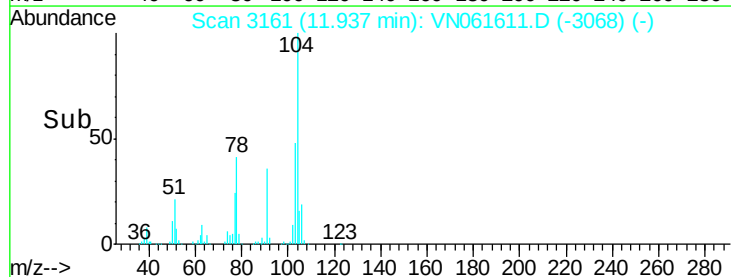
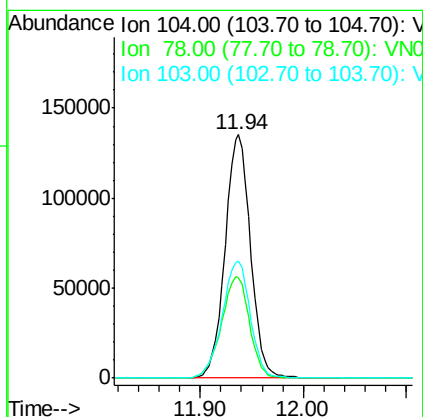
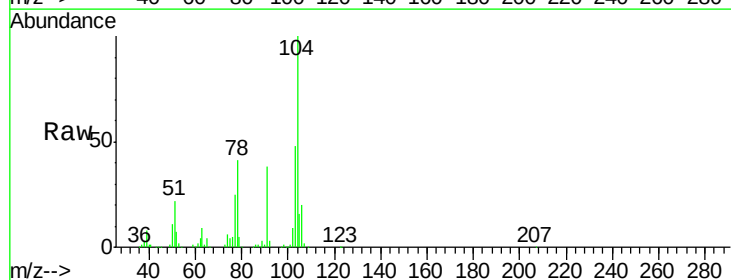
Instrument :
MSVOA_N
ClientSampleId :

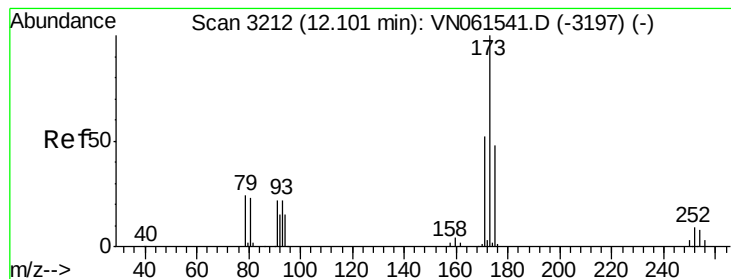
Tot Ion:106 Resp: 141450
Ion Ratio Lower Upper
106 100
91 204.8 103.3 309.8



#70
Styrene
Concen: 19.236 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion:104 Resp: 232281
Ion Ratio Lower Upper
104 100
78 46.1 37.4 56.0
103 53.2 42.3 63.5





#71

Bromoform

Concen: 17.561 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

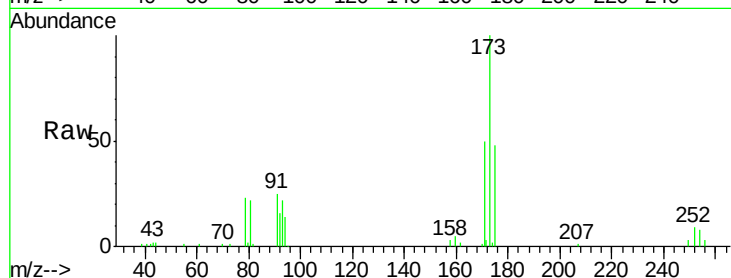
Tot Ion:173 Resp: 56443

Ion Ratio Lower Upper

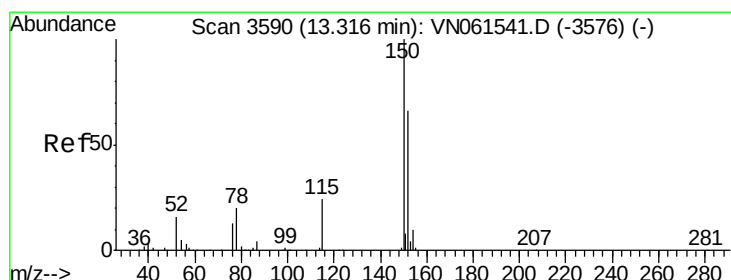
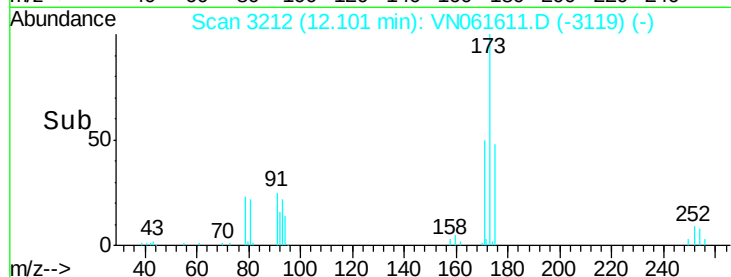
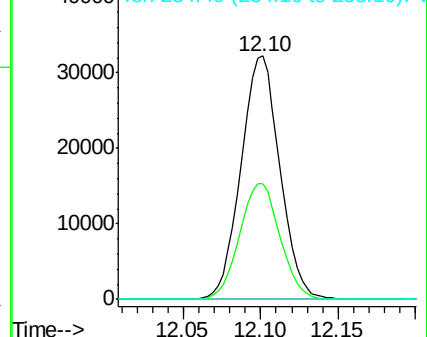
173 100

175 49.3 24.4 73.2

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# 3590

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

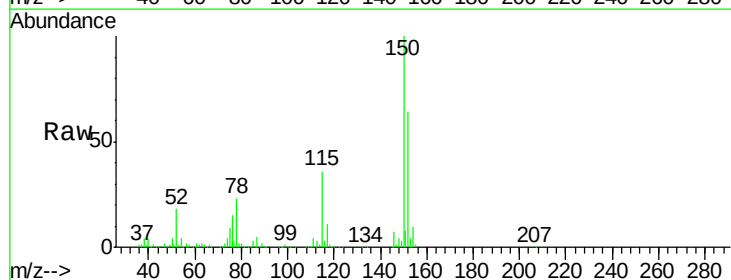
Tgt Ion:152 Resp: 268953

Ion Ratio Lower Upper

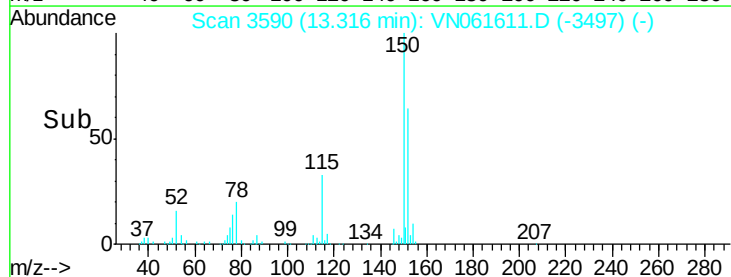
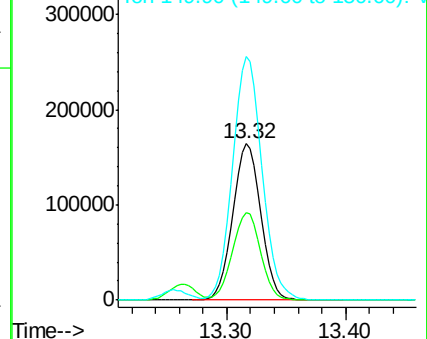
152 100

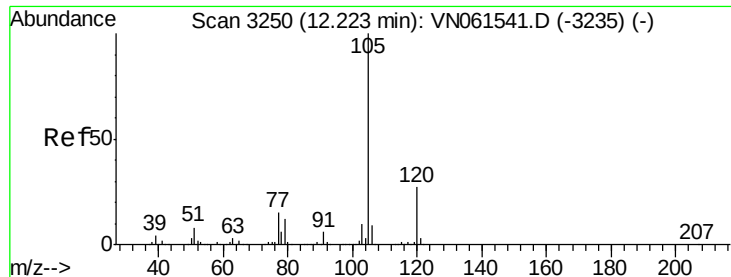
115 56.5 28.0 84.0

150 163.2 0.0 344.0



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: 19.288 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

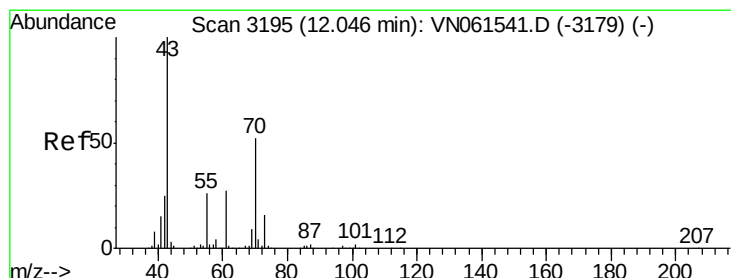
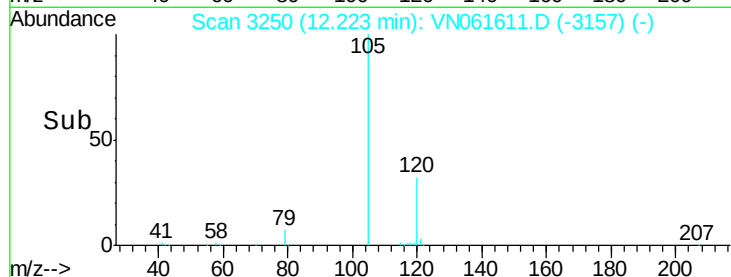
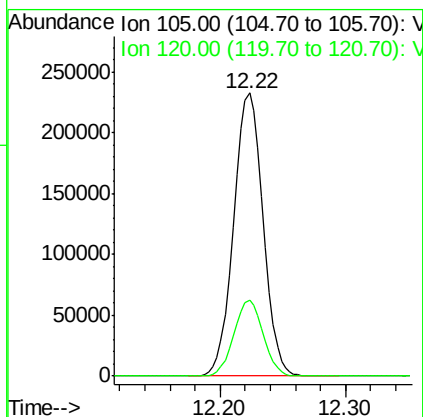
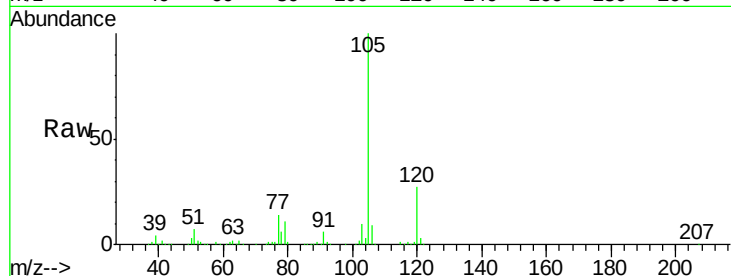
ClientSampleId :

Tot Ion:105 Resp: 378624

Ion Ratio Lower Upper

105 100

120 26.7 13.8 41.3



#74

N-ethyl acetate

Concen: 16.825 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Tgt Ion: 43 Resp: 104009

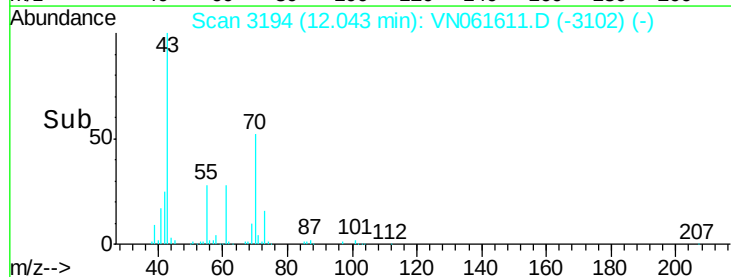
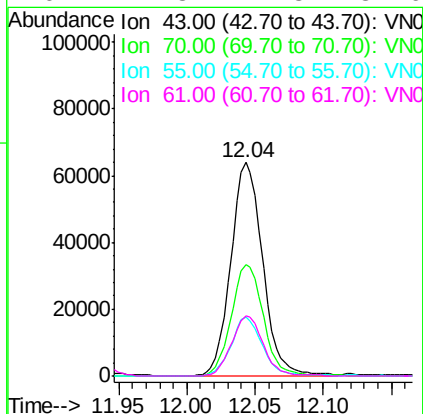
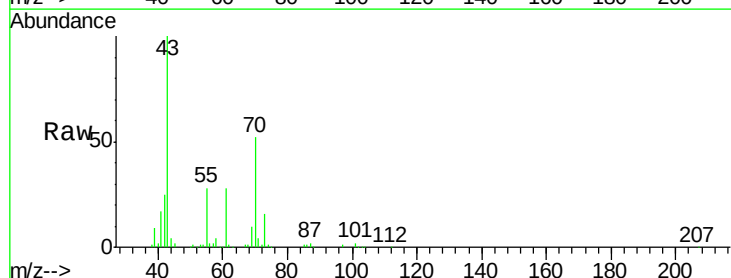
Ion Ratio Lower Upper

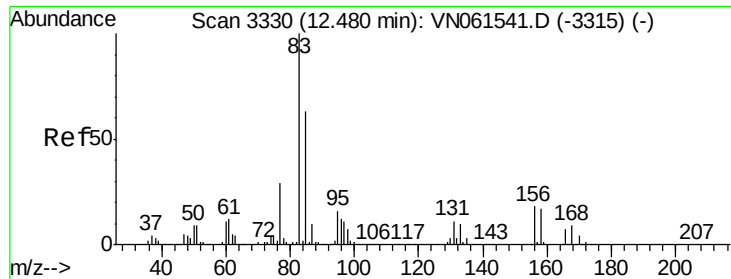
43 100

70 52.4 40.5 60.7

55 27.3 20.6 31.0

61 27.8 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.497 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

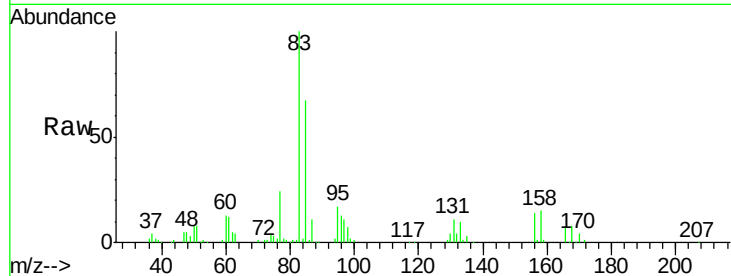
Tot Ion: 83 Resp: 96248

Ion Ratio Lower Upper

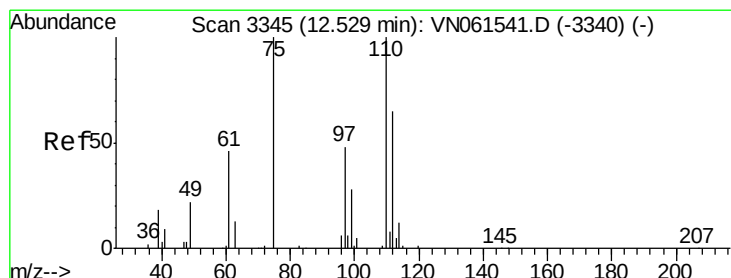
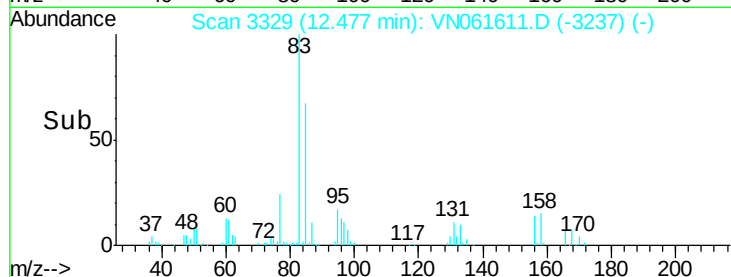
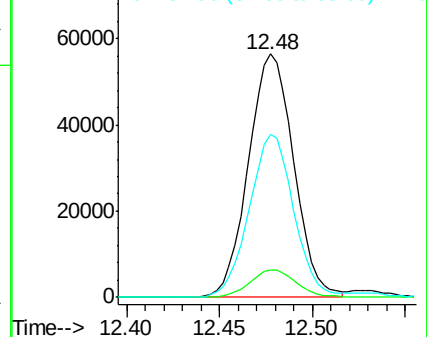
83 100

131 11.6 5.5 16.5

85 65.9 32.1 96.3



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



#76

1,2,3-Trichloropropane

Concen: 25.638 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061611.D

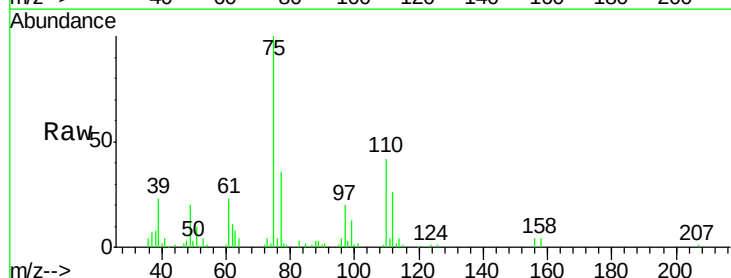
Acq: 2 Jun 2020 11:21

Tgt Ion: 75 Resp: 125387

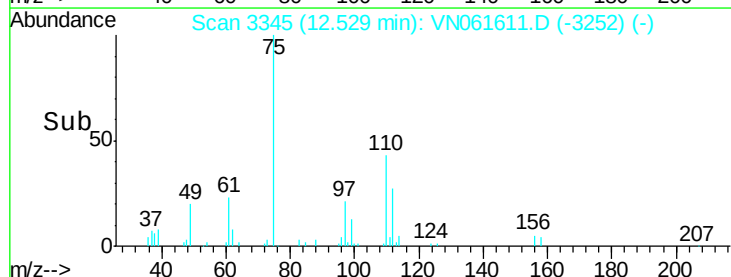
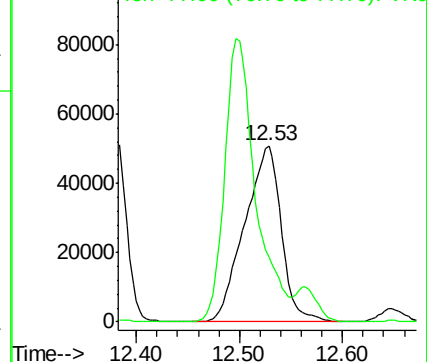
Ion Ratio Lower Upper

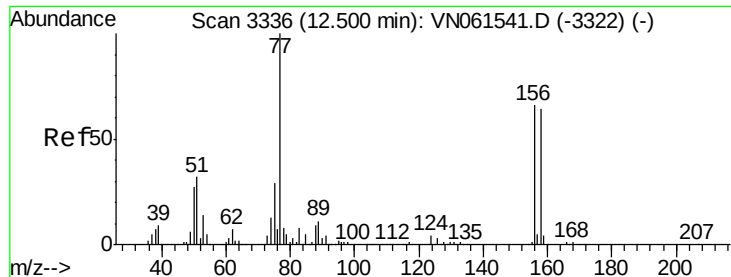
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 18.721 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

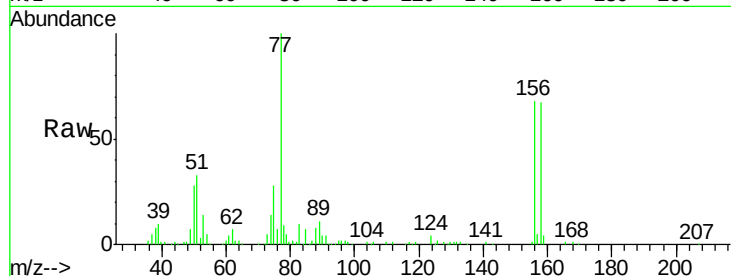
Tot Ion:156 Resp: 93808

Ion Ratio Lower Upper

156 100

77 182.7 90.9 272.7

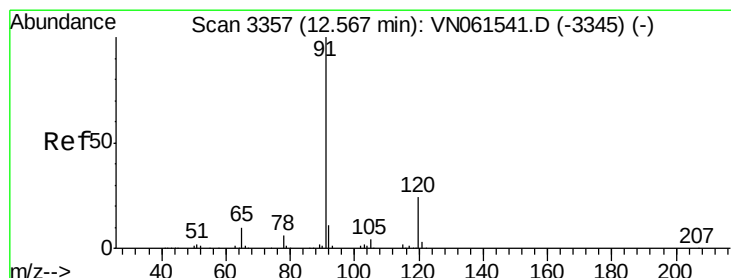
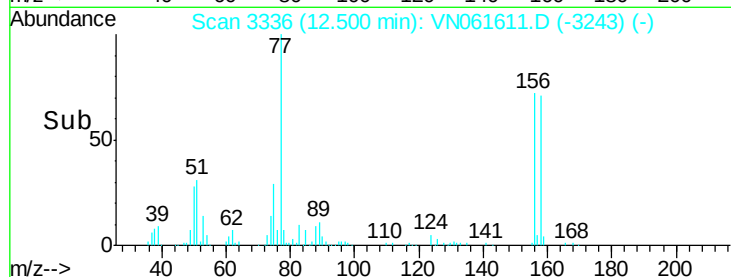
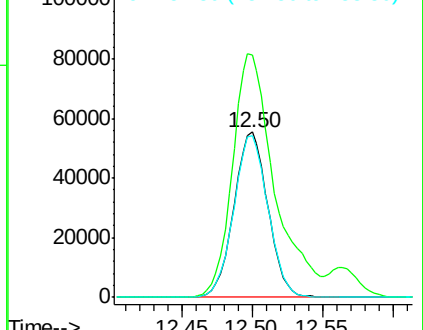
158 98.9 48.4 145.3



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: 19.101 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061611.D

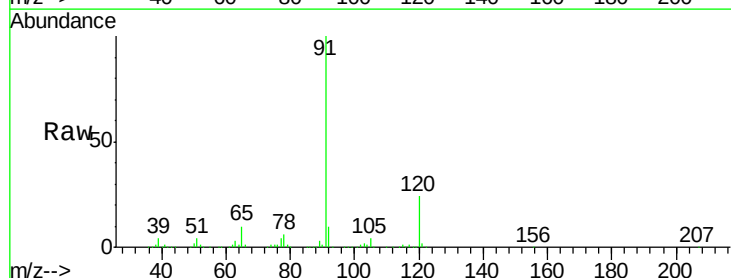
Acq: 2 Jun 2020 11:21

Tgt Ion: 91 Resp: 418591

Ion Ratio Lower Upper

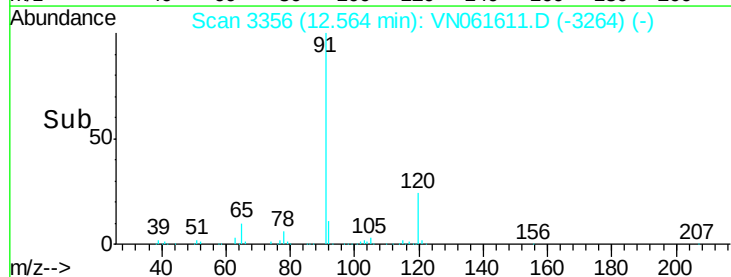
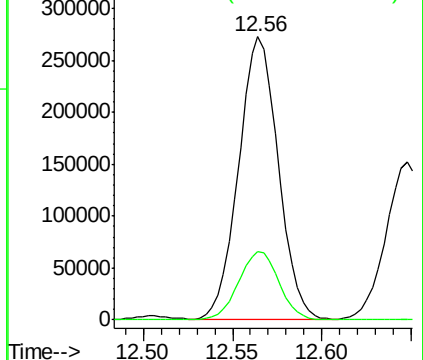
91 100

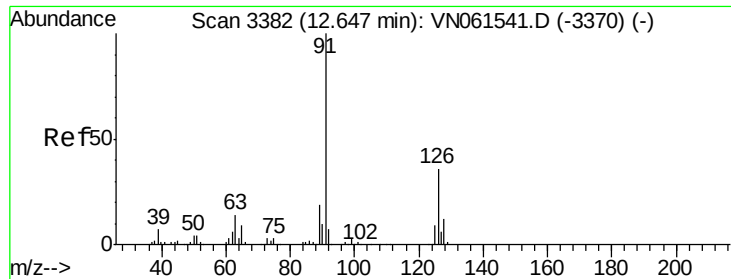
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.661 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

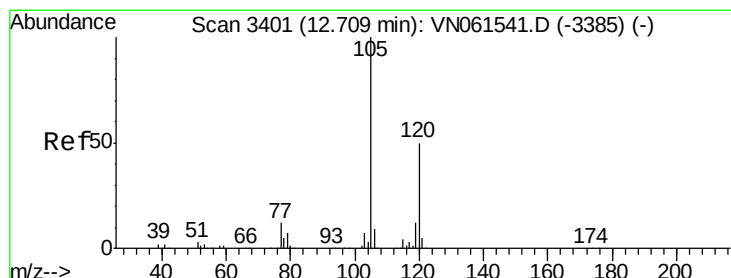
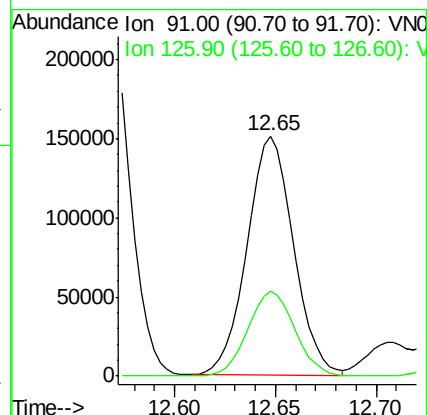
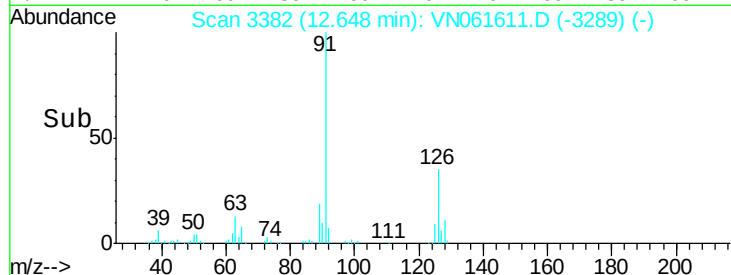
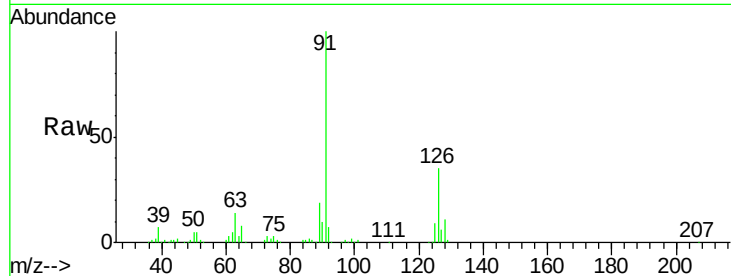
ClientSampled :

Tot Ion: 91 Resp: 243853

Ion Ratio Lower Upper

91 100

126 35.9 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 19.275 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061611.D

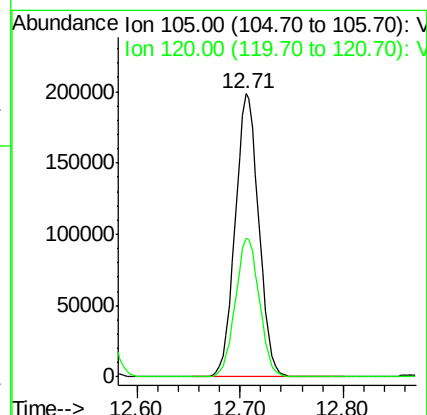
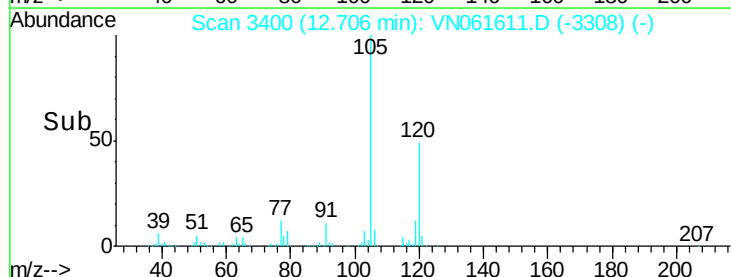
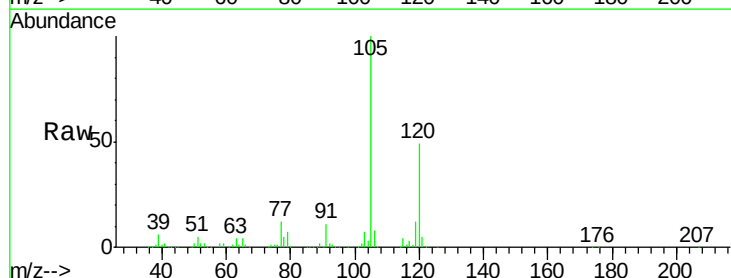
Acq: 2 Jun 2020 11:21

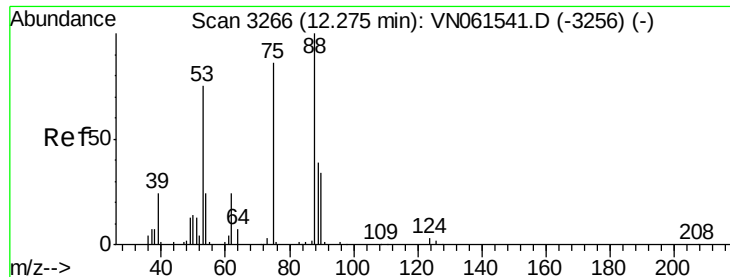
Tgt Ion: 105 Resp: 316246

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.989 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

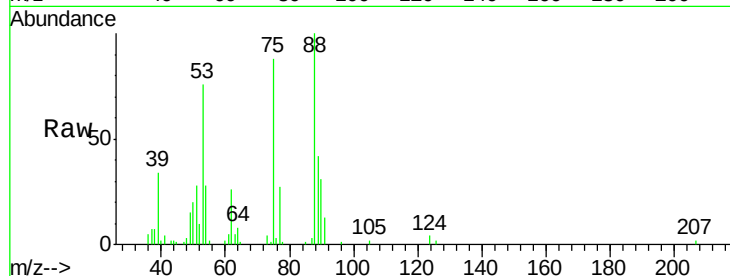
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 32490

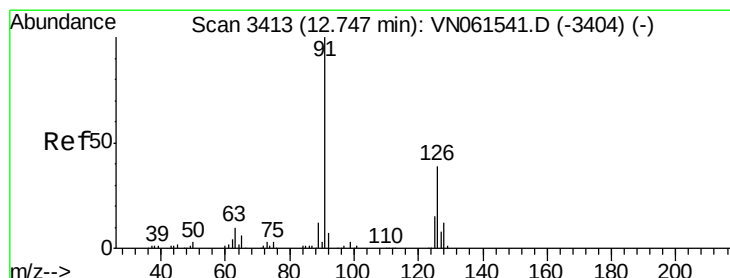
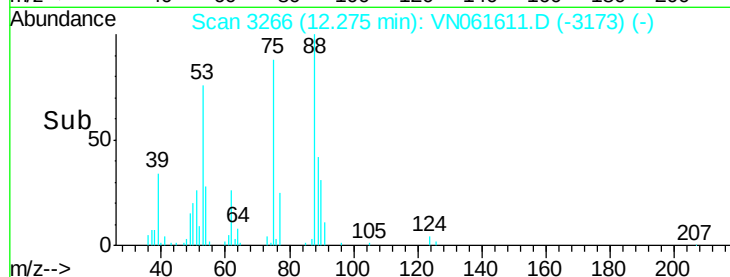
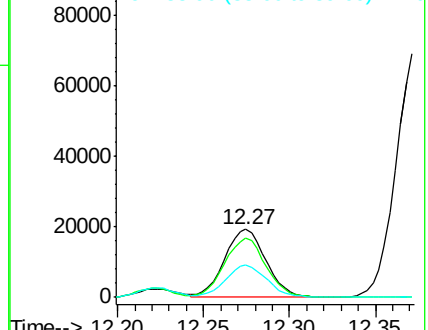
Ion	Ratio	Lower	Upper
75	100		
53	84.5	67.8	101.8
89	46.6	37.1	55.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.522 ug/l

RT: 12.75 min Scan# 3413

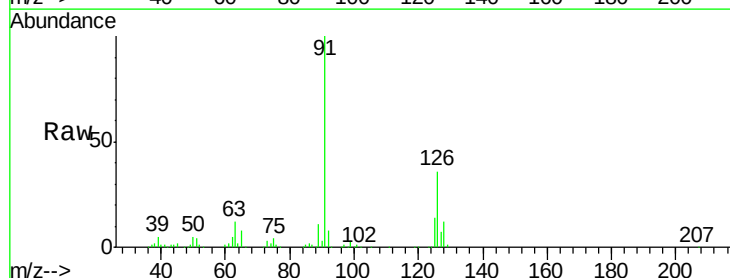
Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

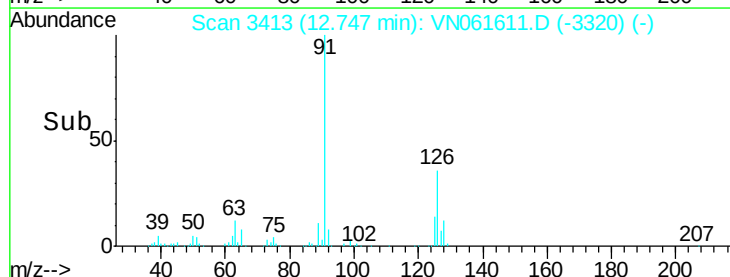
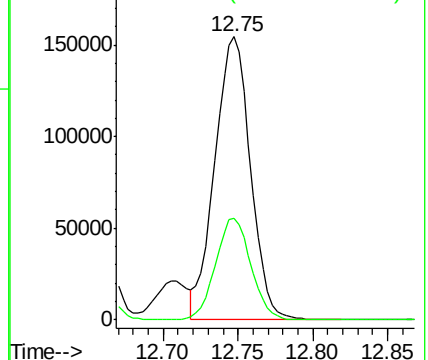
Tgt Ion: 91 Resp: 254618

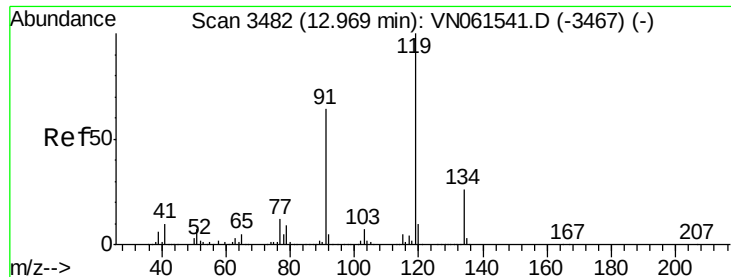
Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.5	52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

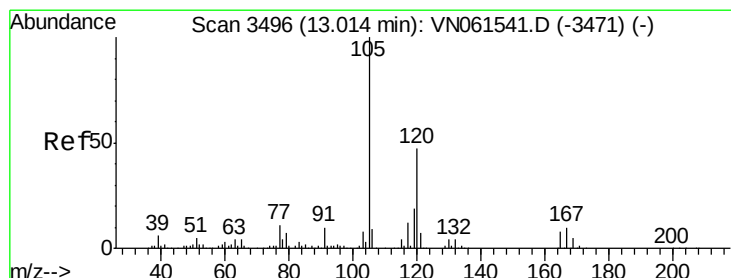
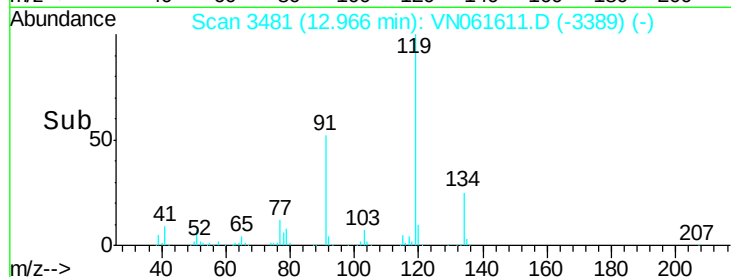
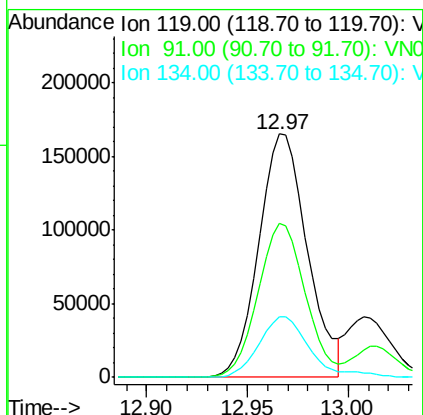
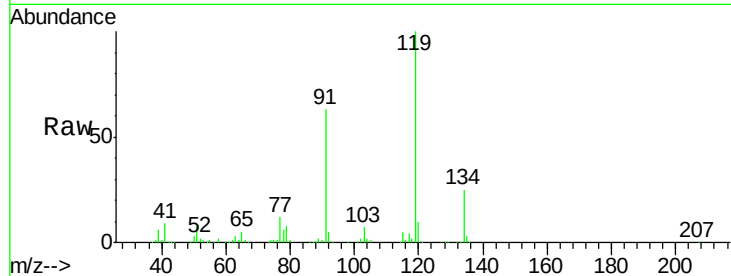




#83
tert-Butylbenzene
Concen: 19.108 ug/l
RT: 12.97 min Scan# 3481
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

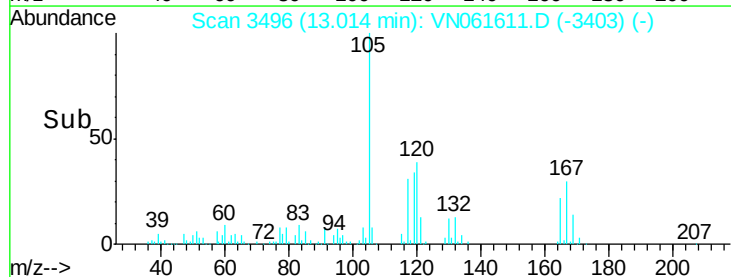
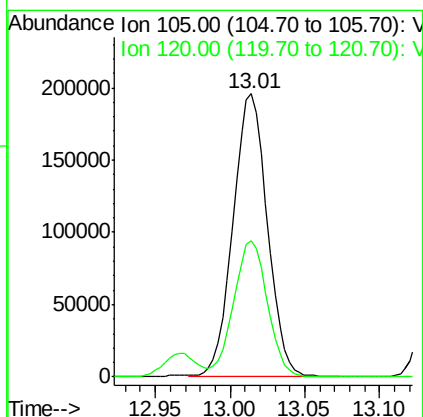
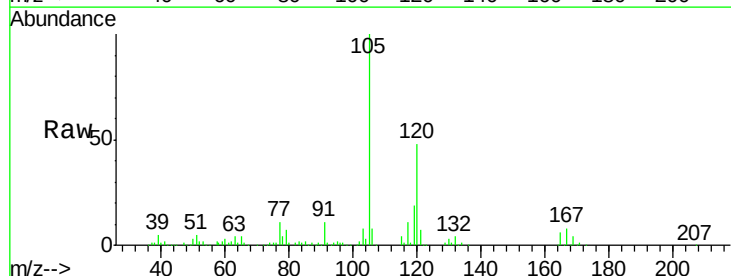
Instrument :
MSVOA_N
ClientSampled :

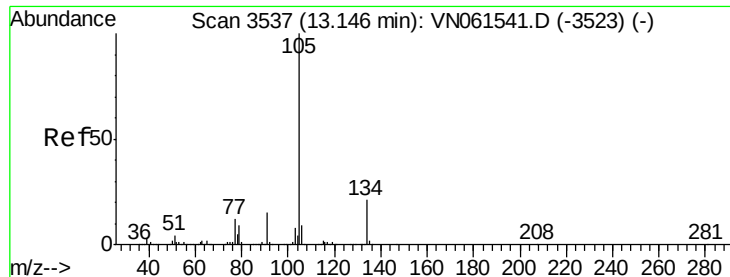
Tot Ion:119 Resp: 277002
Ion Ratio Lower Upper
119 100
91 61.6 31.3 93.8
134 26.1 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 19.101 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion:105 Resp: 311335
Ion Ratio Lower Upper
105 100
120 47.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 19.256 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

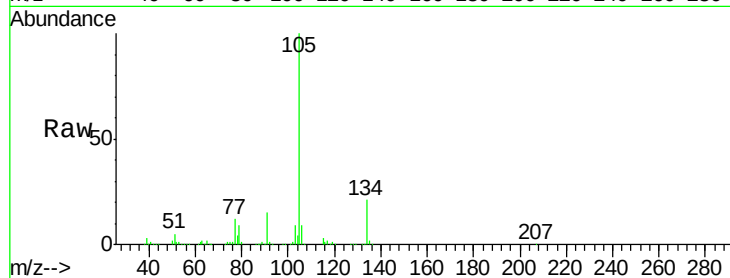
ClientSampled :

Tot Ion:105 Resp: 359700

Ion Ratio Lower Upper

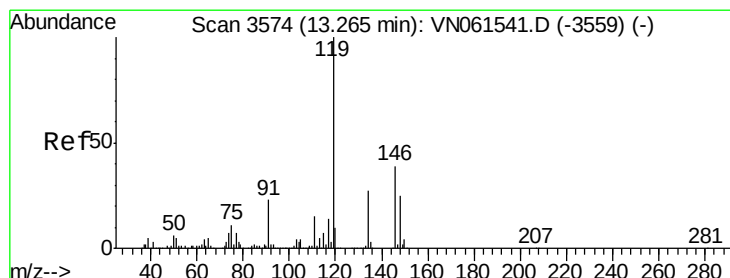
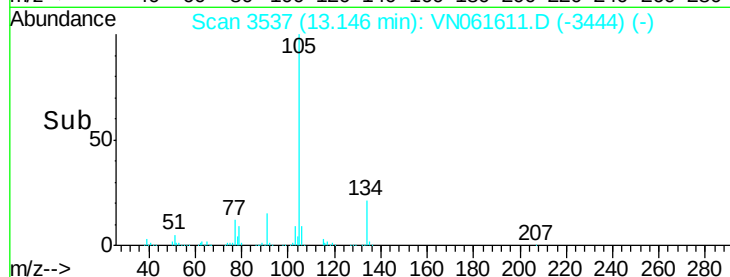
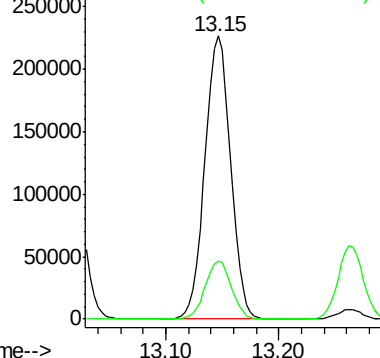
105 100

134 20.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.698 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

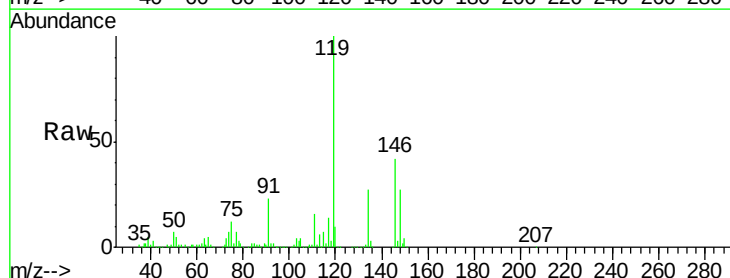
Tgt Ion:119 Resp: 338849

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

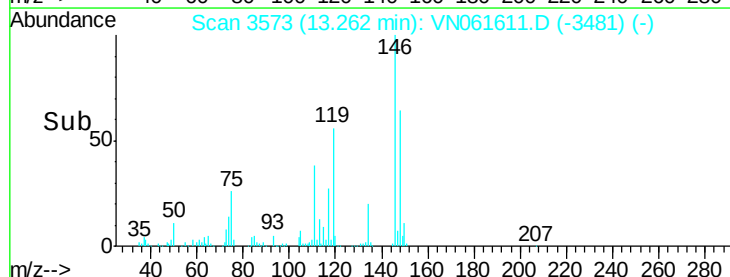
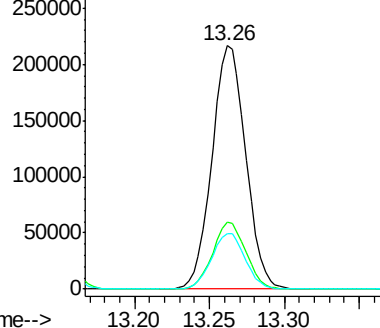
91 22.8 11.4 34.1

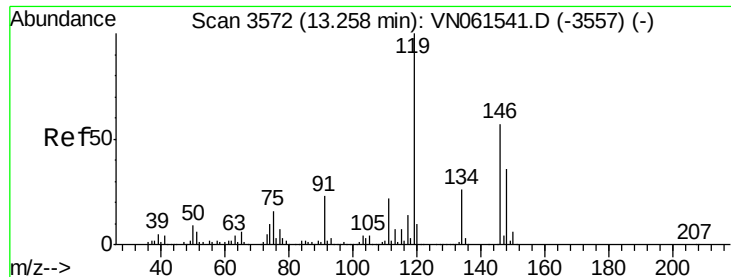


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

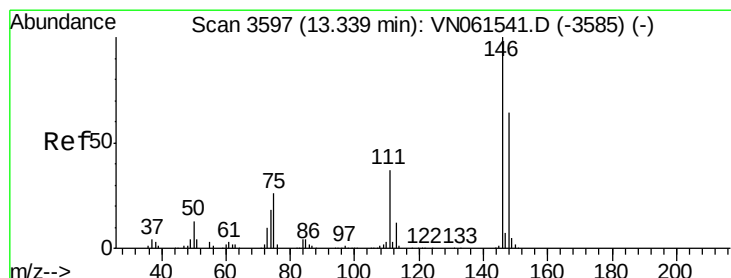
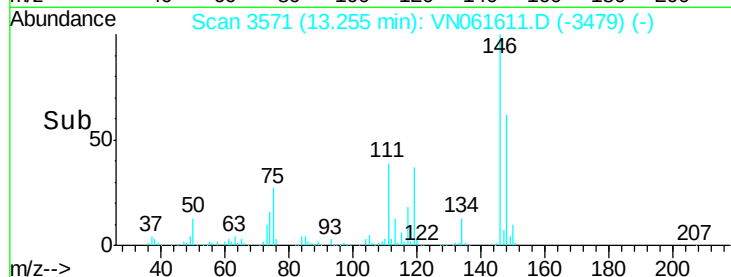
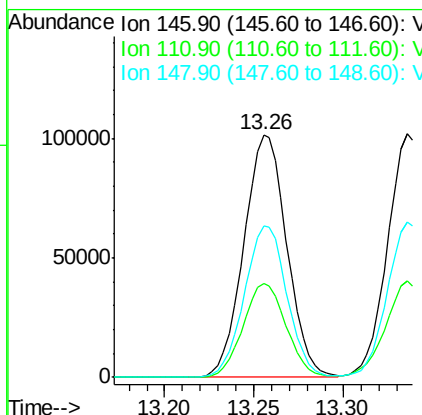
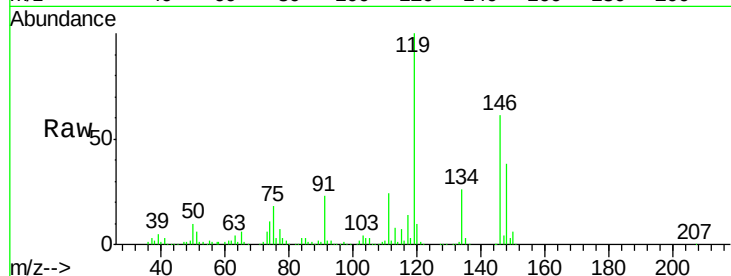




#87
 1,3-Dichlorobenzene
 Concen: 19.214 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

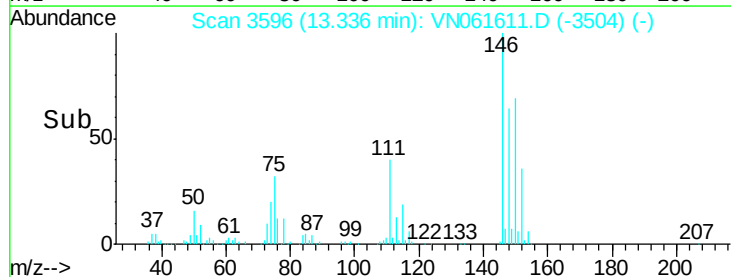
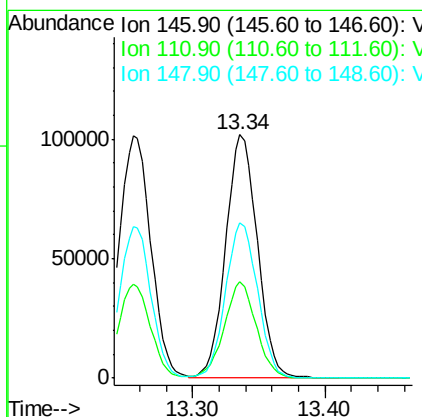
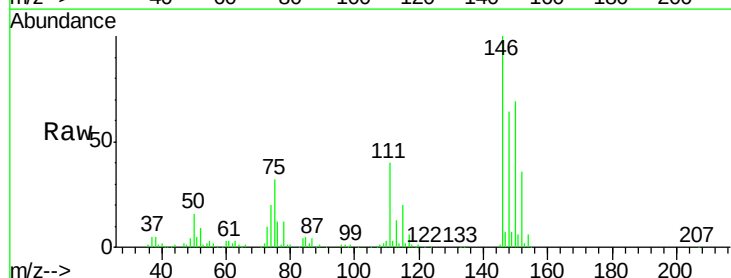
Instrument :
 MSVOA_N
 ClientSampleId :

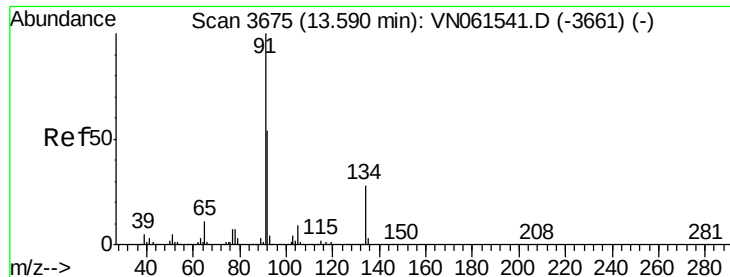
Tot Ion:146 Resp: 170488
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.2 57.6
 148 62.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.612 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion:146 Resp: 168234
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.9 56.9
 148 64.8 31.8 95.3

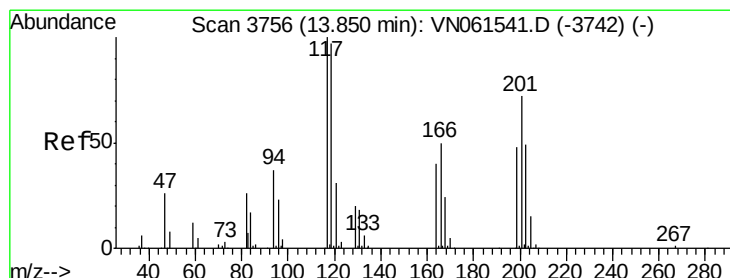
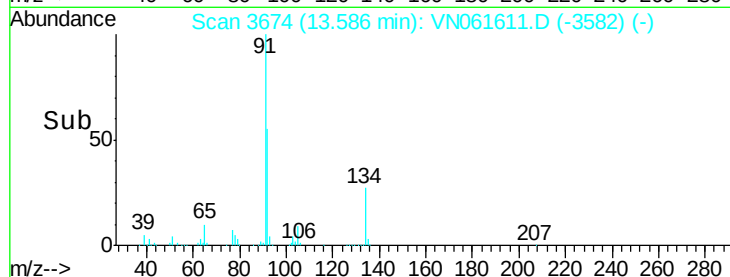
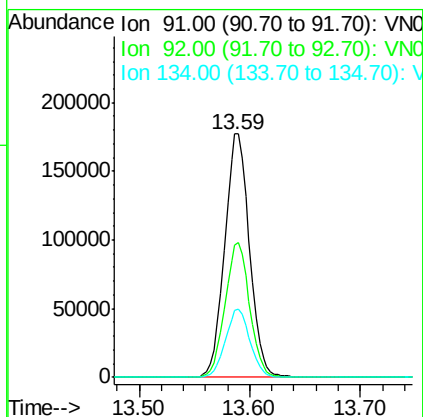
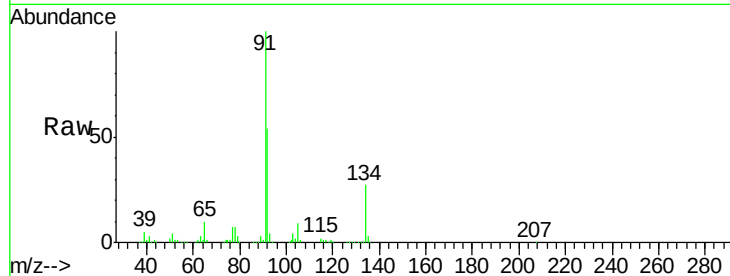




#89
n-Butylbenzene
Concen: 19.203 ug/l
RT: 13.59 min Scan# 3674
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

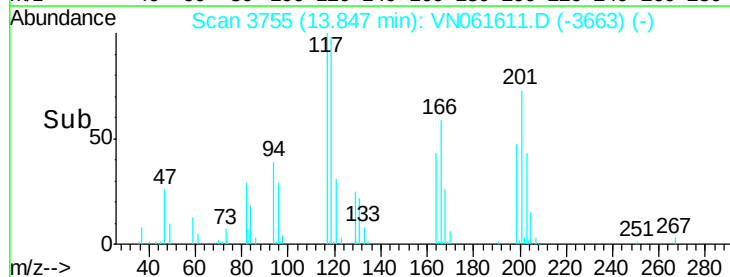
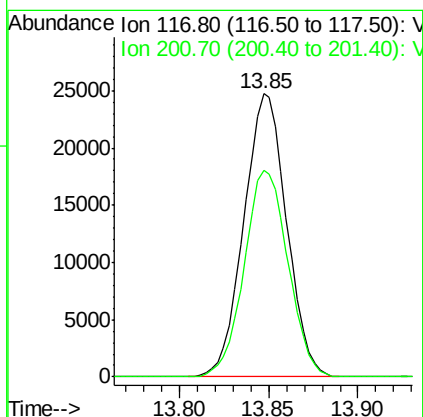
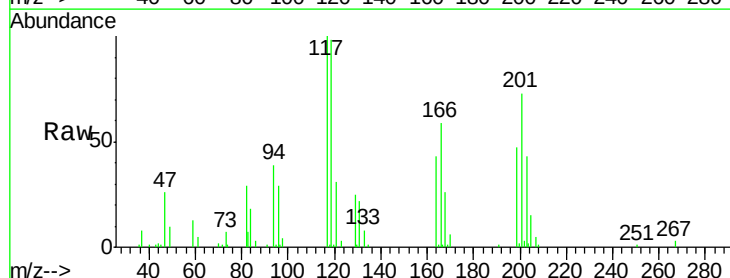
Instrument :
MSVOA_N
ClientSampleId :

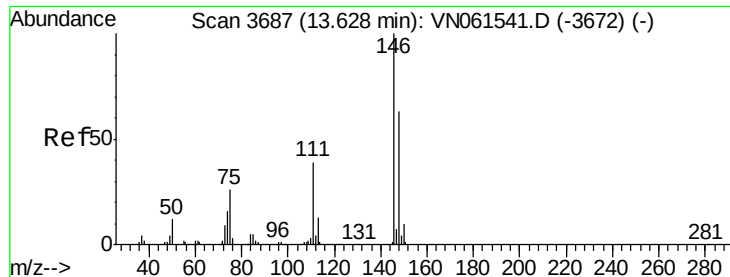
Tot Ion: 91 Resp: 276694
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.6
134 27.7 14.0 42.0



#90
Hexachloroethane
Concen: 21.722 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion: 117 Resp: 41325
Ion Ratio Lower Upper
117 100
201 74.7 36.7 110.1

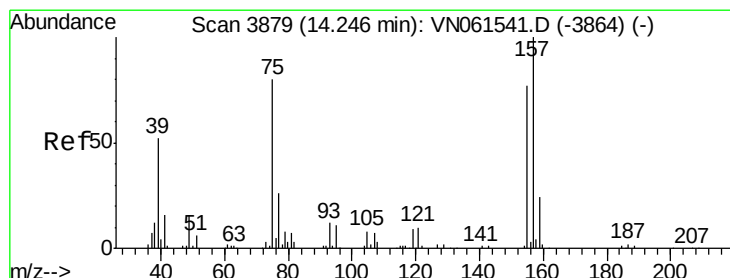
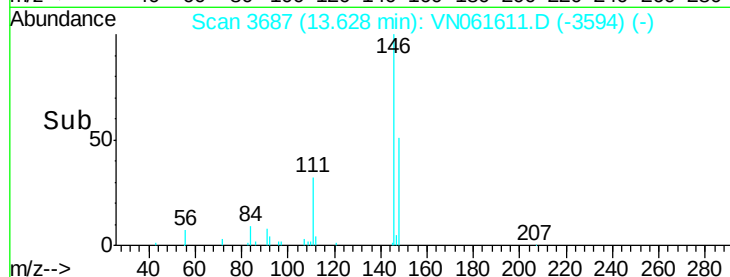
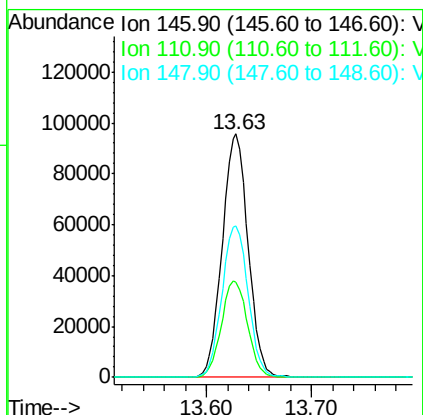
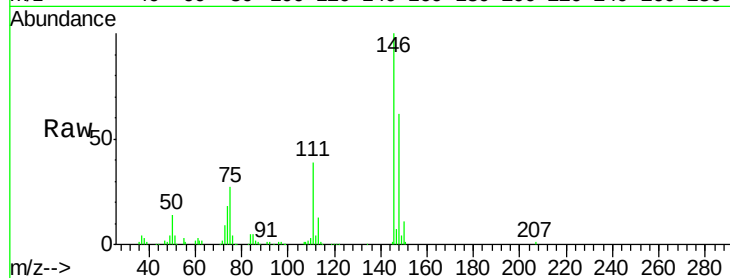




#91
 1,2-Dichlorobenzene
 Concen: 19.184 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

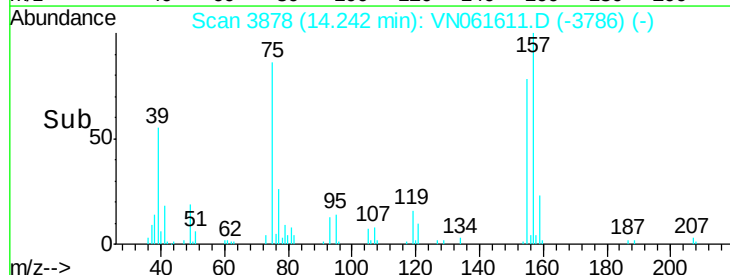
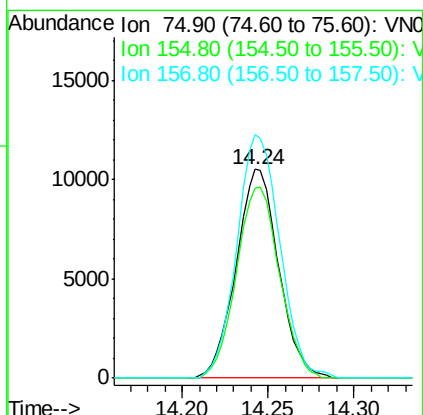
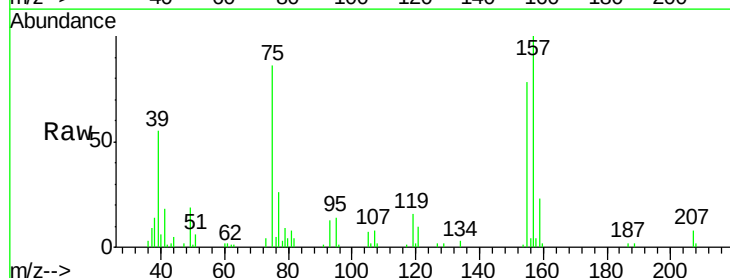
Instrument :
 MSVOA_N
 ClientSampleId :

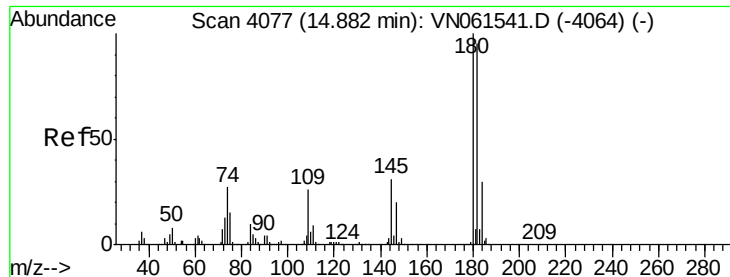
Tot Ion:146 Resp: 162674
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 63.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.084 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion: 75 Resp: 18044
 Ion Ratio Lower Upper
 75 100
 155 92.4 47.1 141.4
 157 118.1 60.3 180.8

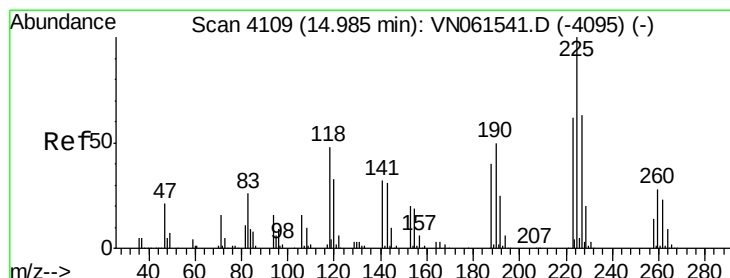
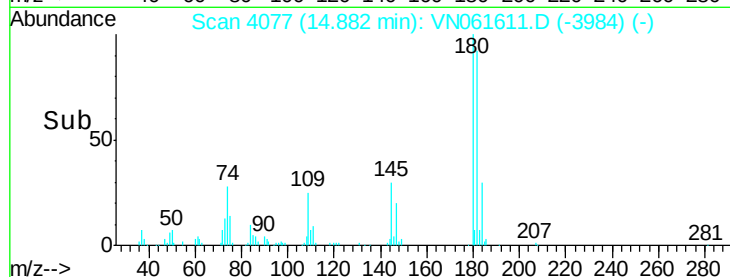
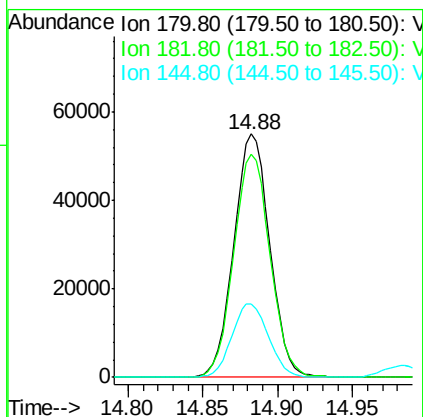
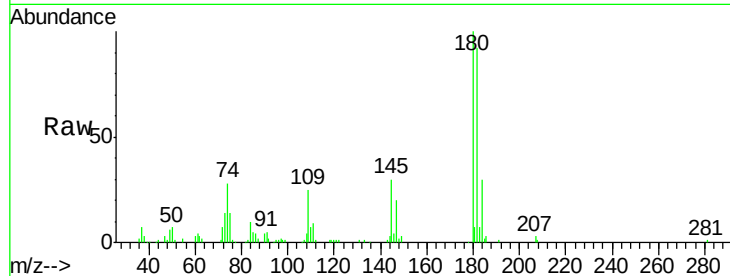




#93
 1,2,4-Trichlorobenzene
 Concen: 18.520 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

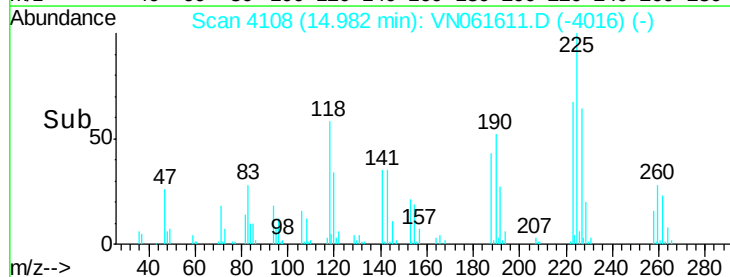
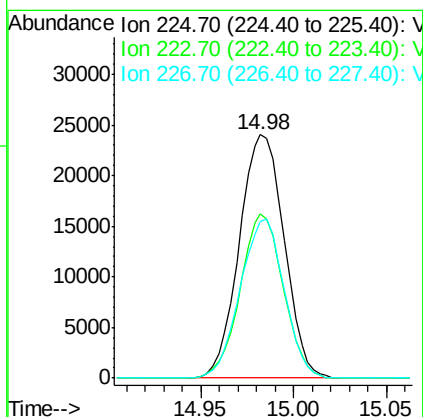
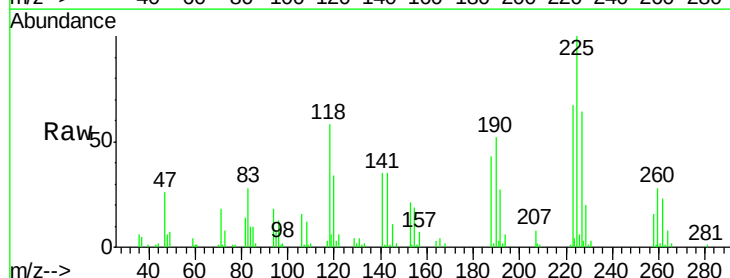
Instrument :
 MSVOA_N
 ClientSampleId :

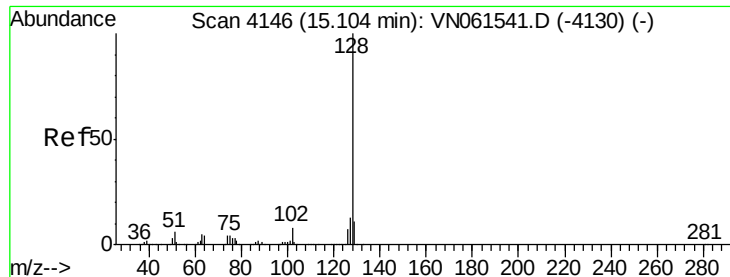
Tot Ion:180 Resp: 91842
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.8 143.3
 145 30.7 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 19.075 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion:225 Resp: 40344
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.9 95.5
 227 64.0 31.9 95.9





#95

Naphthalene

Concen: 17.012 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

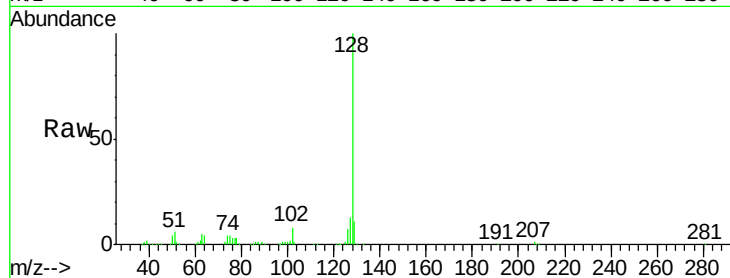
Tot Ion:128 Resp: 256783

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

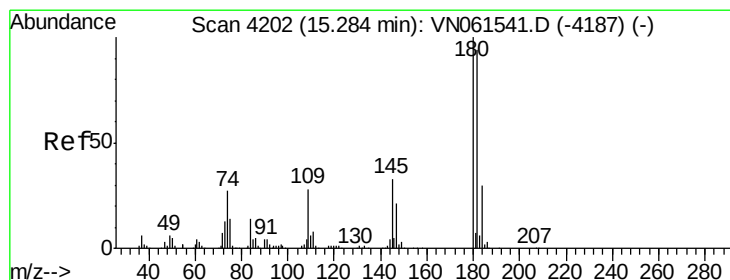
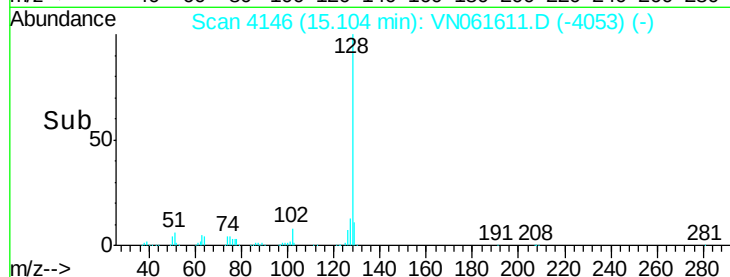
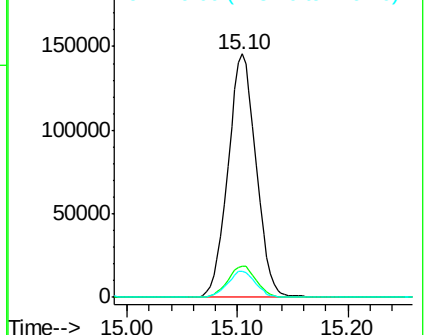
129 10.7 8.5 12.7



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: 18.432 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

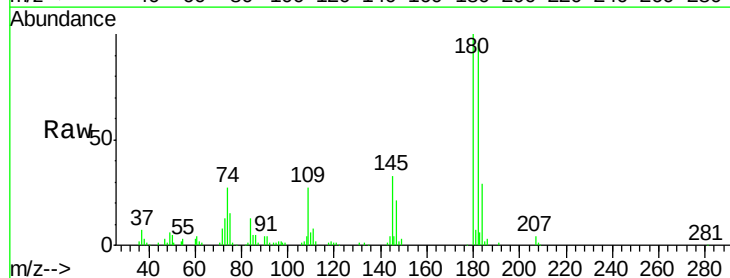
Tgt Ion:180 Resp: 89872

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.3

145 32.9 16.3 48.9



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

