

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061612.D
 Acq On : 2 Jun 2020 11:51
 Operator : JC/MD
 Sample : VN0602MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 00:42:14 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	312717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	528102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	490062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	238613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	189320	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.54	113	149916	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
50) Toluene-d8	10.06	98	616932	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.37	95	221933	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	65632	18.908	ug/l	99
3) Chloromethane	2.03	50	67838	17.786	ug/l	99
4) Vinyl Chloride	2.16	62	92975	17.788	ug/l	98
5) Bromomethane	2.54	94	60808	20.275	ug/l	97
6) Chloroethane	2.67	64	60192	17.891	ug/l	100
7) Trichlorofluoromethane	2.98	101	123158	18.272	ug/l	97
8) Diethyl Ether	3.37	74	37229	18.064	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56562	18.911	ug/l	98
10) Methyl Iodide	3.91	142	77378	18.636	ug/l	99
11) Tert butyl alcohol	4.73	59	48931	98.735	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	56029	17.534	ug/l	94
13) Acrolein	3.57	56	15421	87.497	ug/l	98
14) Allyl chloride	4.27	41	73438	17.579	ug/l	96
15) Acrylonitrile	4.92	53	122465	88.534	ug/l	98
16) Acetone	3.77	43	95871	89.382	ug/l	96
17) Carbon Disulfide	4.00	76	139433	19.833	ug/l	97
18) Methyl Acetate	4.27	43	58178	17.249	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	198360	18.214	ug/l	95
20) Methylene Chloride	4.50	84	65468	18.227	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	65549	18.190	ug/l	94
22) Diisopropyl ether	5.90	45	169228	18.380	ug/l	98
23) Vinyl Acetate	5.84	43	637681	86.895	ug/l	100
24) 1,1-Dichloroethane	5.79	63	106449	18.232	ug/l	97
25) 2-Butanone	6.78	43	146280	82.842	ug/l	96
26) 2,2-Dichloropropane	6.77	77	96733	18.102	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	77007	18.872	ug/l	99
28) Bromochloromethane	7.14	49	48429	21.294	ug/l	97
29) Tetrahydrofuran	7.16	42	99031	85.050	ug/l	98
30) Chloroform	7.32	83	122527	18.969	ug/l	96
31) Cyclohexane	7.61	56	92920	17.696	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	106679	18.125	ug/l	99
36) 1,1-Dichloropropene	7.75	75	84652	18.107	ug/l	99
37) Ethyl Acetate	6.88	43	60825	16.153	ug/l #	94
38) Carbon Tetrachloride	7.73	117	82885	18.380	ug/l	97

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 Sample : VN0602MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 00:42:14 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	104053	18.057	ug/l	98
40) Benzene	8.00	78	264290	18.322	ug/l	99
41) Methacrylonitrile	7.12	41	25128	14.565	ug/l	97
42) 1,2-Dichloroethane	8.08	62	90702	18.782	ug/l	99
43) Isopropyl Acetate	8.12	43	114158	16.851	ug/l	98
44) Trichloroethene	8.80	130	79999	18.046	ug/l	98
45) 1,2-Dichloropropane	9.08	63	63056	18.409	ug/l	99
46) Dibromomethane	9.17	93	47880	18.226	ug/l	99
47) Bromodichloromethane	9.37	83	95364	18.323	ug/l	98
48) Methyl methacrylate	9.17	41	48368	15.869	ug/l	97
49) 1,4-Dioxane	9.17	88	21924	464.315	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	317007	83.038	ug/l	98
52) Toluene	10.12	92	173679	18.447	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	101401	18.086	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	110147	18.271	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	69365	18.493	ug/l	96
56) Ethyl methacrylate	10.40	69	90250	17.224	ug/l	100
57) 1,3-Dichloropropane	10.68	76	112301	18.720	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	193233	86.297	ug/l	99
59) 2-Hexanone	10.72	43	223250	81.428	ug/l	100
60) Dibromochloromethane	10.87	129	79637	18.675	ug/l	98
61) 1,2-Dibromoethane	10.98	107	72133	18.439	ug/l	99
64) Tetrachloroethene	10.60	164	84769	18.376	ug/l	98
65) Chlorobenzene	11.40	112	187013	18.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	71313	18.801	ug/l	99
67) Ethyl Benzene	11.48	91	324314	18.420	ug/l	99
68) m/p-Xylenes	11.59	106	256407	36.729	ug/l	99
69) o-Xylene	11.92	106	123729	18.660	ug/l	100
70) Styrene	11.94	104	198406	18.069	ug/l	99
71) Bromoform	12.10	173	50359	17.230	ug/l #	99
73) Isopropylbenzene	12.22	105	326970	18.775	ug/l	98
74) N-amyl acetate	12.04	43	89876	16.387	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	86734	17.772	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	112081	25.832	ug/l #	100
77) Bromobenzene	12.50	156	83154	18.705	ug/l	99
78) n-propylbenzene	12.56	91	359111	18.470	ug/l	99
79) 2-Chlorotoluene	12.65	91	209881	18.104	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	271813	18.673	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27363	16.127	ug/l	94
82) 4-Chlorotoluene	12.75	91	221574	18.168	ug/l	100
83) tert-Butylbenzene	12.97	119	236606	18.397	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	270373	18.697	ug/l	99
85) sec-Butylbenzene	13.15	105	307732	18.569	ug/l	99
86) p-Isopropyltoluene	13.26	119	283926	18.603	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	146890	18.660	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	147491	18.392	ug/l	99
89) n-Butylbenzene	13.59	91	237239	18.558	ug/l	99
90) Hexachloroethane	13.85	117	33486	19.839	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	144478	19.205	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16647	16.725	ug/l	96

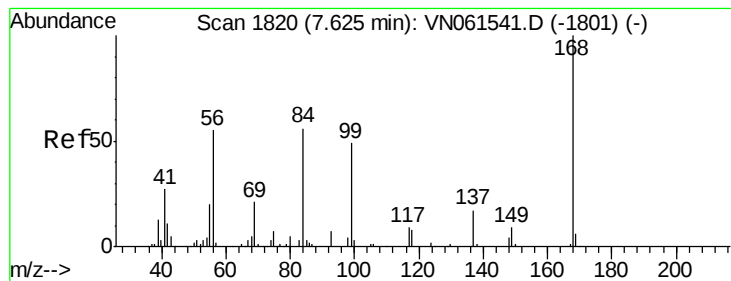
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060220\
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Operator : JC/MD
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Quant Time: Jun 03 00:42:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	82421	18.733	ug/l	98
94) Hexachlorobutadiene	14.98	225	35807	19.082	ug/l	98
95) Naphthalene	15.10	128	236866	17.688	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	80715	18.659	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

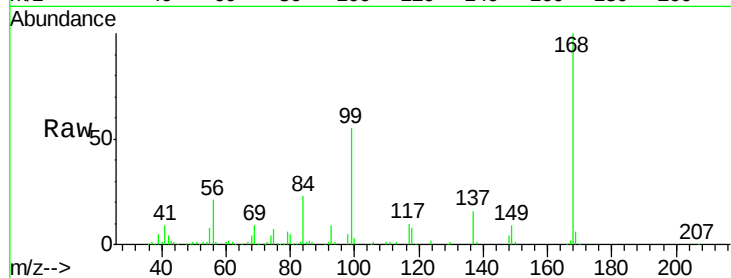
ClientSampleId :

Tot Ion:168 Resp: 312717

Ion Ratio Lower Upper

168 100

99 54.8 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

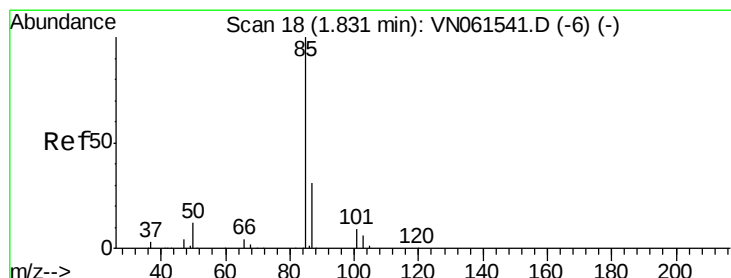
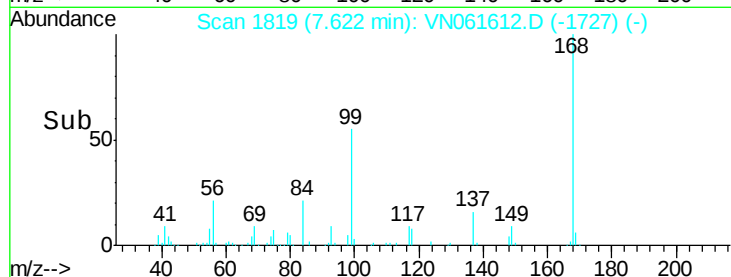
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.908 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061612.D

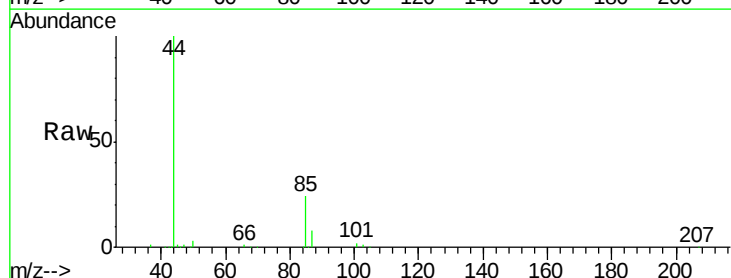
Acq: 2 Jun 2020 11:51

Tgt Ion: 85 Resp: 65632

Ion Ratio Lower Upper

85 100

87 31.9 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

50000

40000

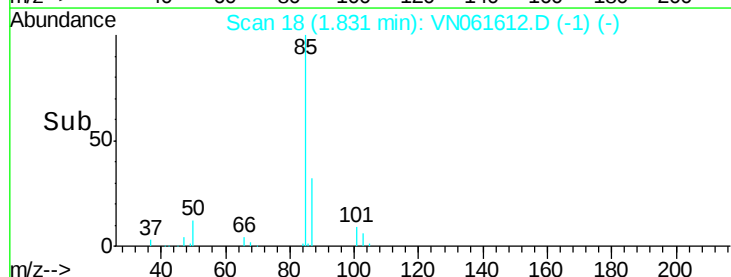
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.786 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

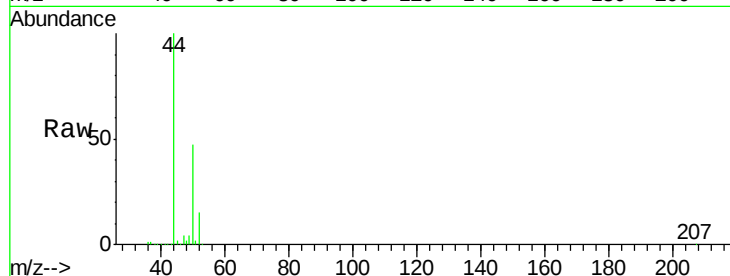
ClientSampled :

Tot Ion: 50 Resp: 67838

Ion Ratio Lower Upper

50 100

52 32.8 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN061612.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN061612.D (-1) (-)

2.03

60000

50000

40000

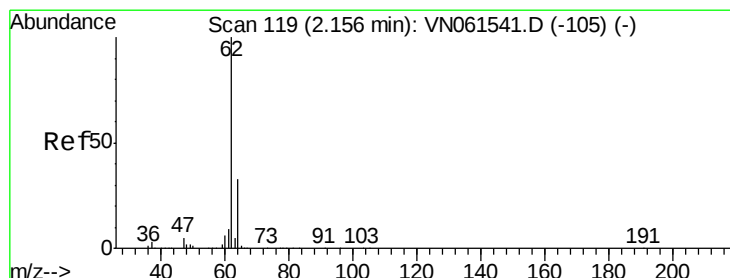
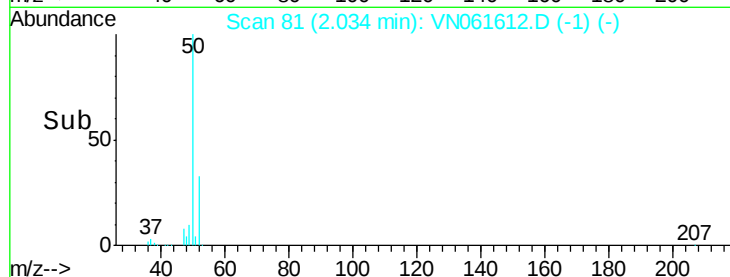
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 17.788 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061612.D

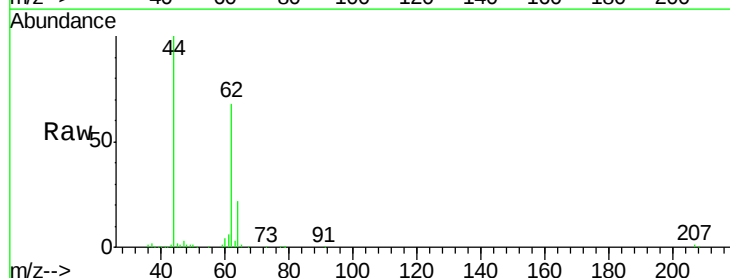
Acq: 2 Jun 2020 11:51

Tgt Ion: 62 Resp: 92975

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN061612.D (-26) (-)

Ion 63.90 (63.60 to 64.60): VN061612.D (-26) (-)

2.16

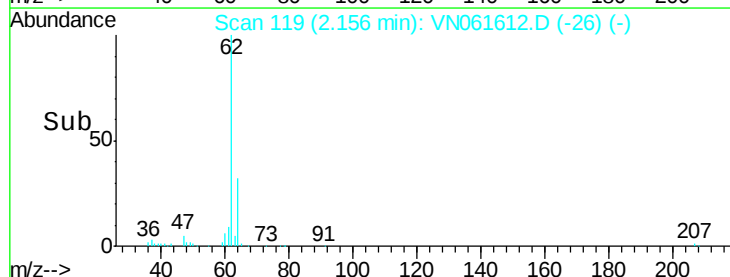
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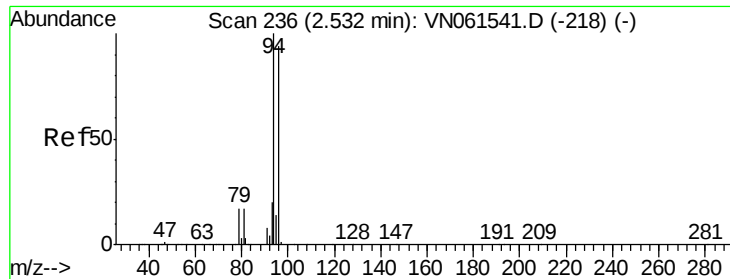
40000

20000

0

Time-->





#5

Bromomethane

Concen: 20.275 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

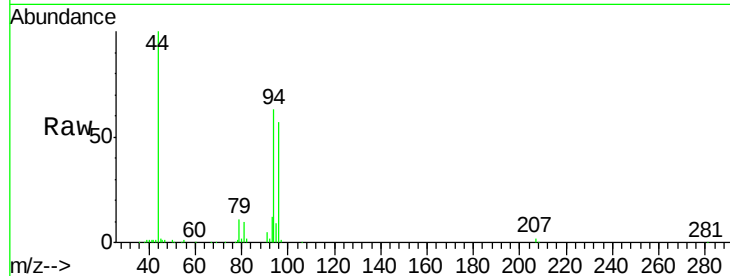
ClientSampled :

Tot Ion: 94 Resp: 60808

Ion Ratio Lower Upper

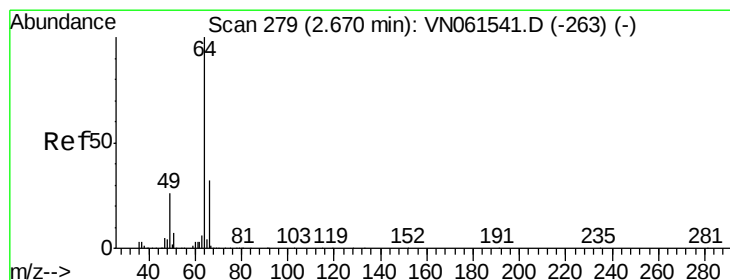
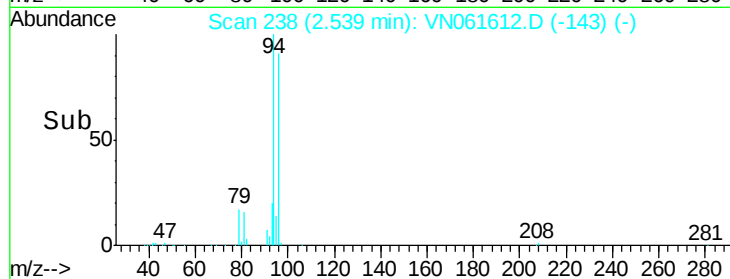
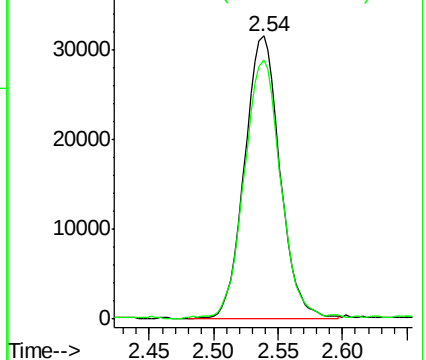
94 100

96 90.5 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.891 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061612.D

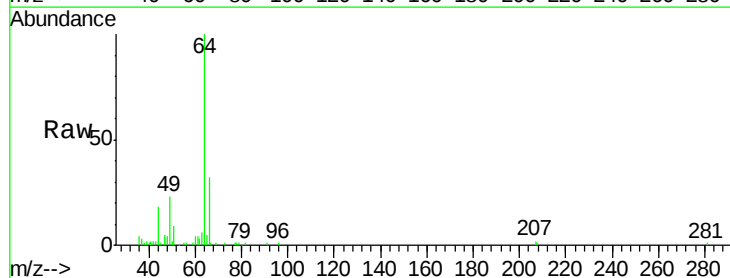
Acq: 2 Jun 2020 11:51

Tgt Ion: 64 Resp: 60192

Ion Ratio Lower Upper

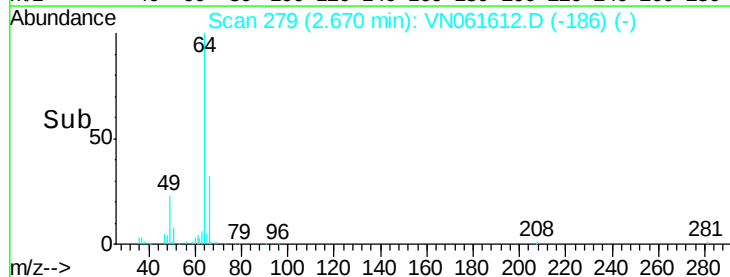
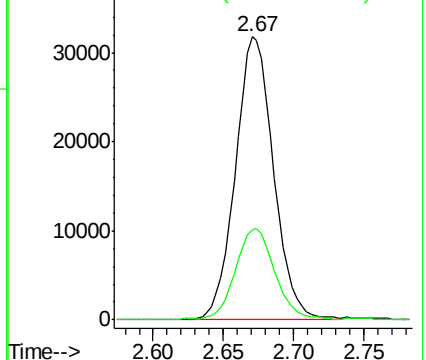
64 100

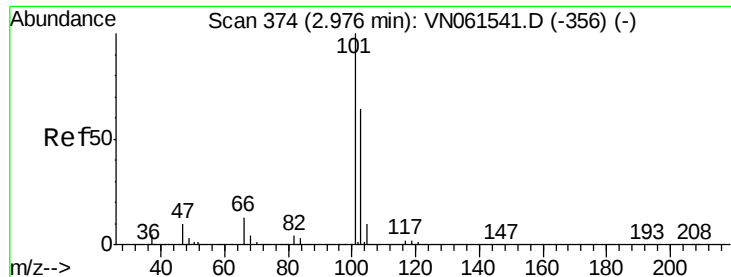
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



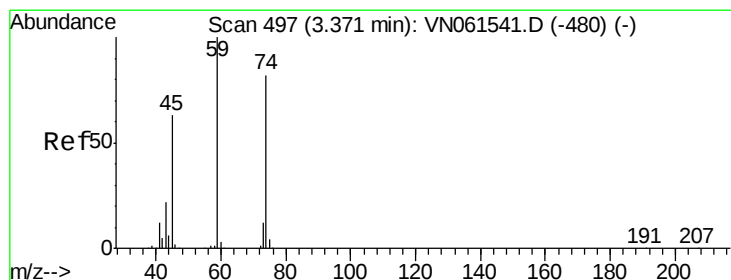
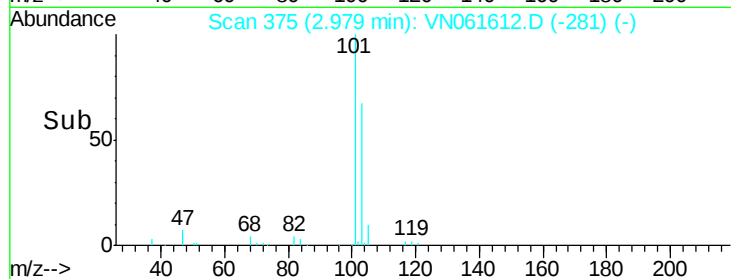
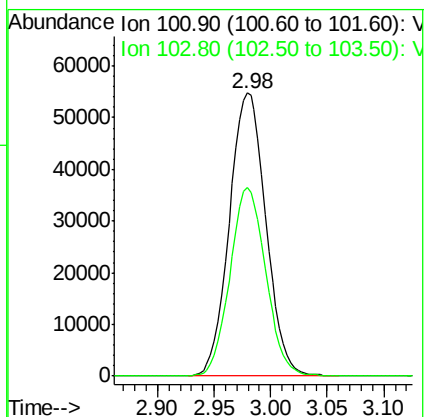
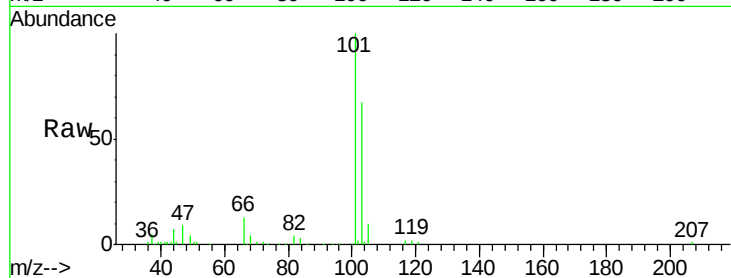


#7

Trichlorofluoromethane
Concen: 18.272 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Instrument :
MSVOA_N
ClientSampled :

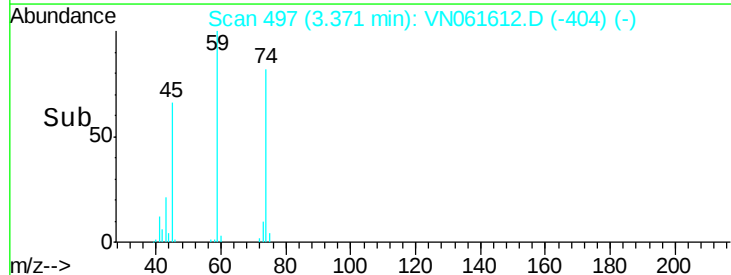
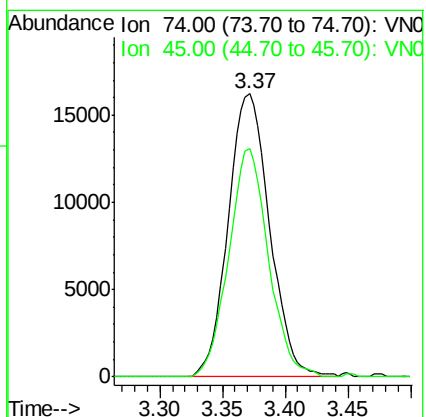
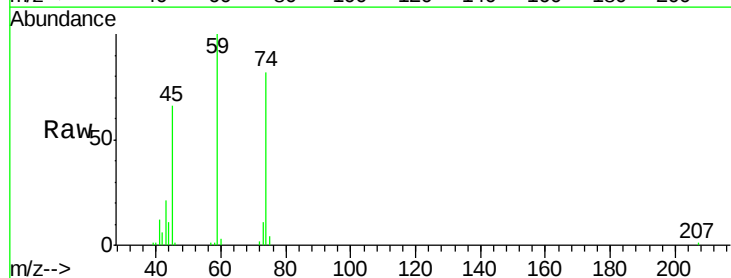
Tot Ion:101 Resp: 123158
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.2

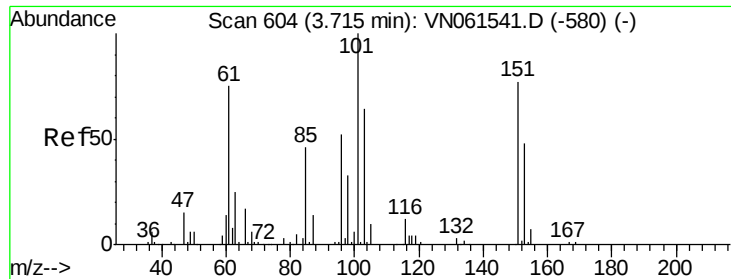


#8

Diethyl Ether
Concen: 18.064 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion: 74 Resp: 37229
Ion Ratio Lower Upper
74 100
45 77.1 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.911 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

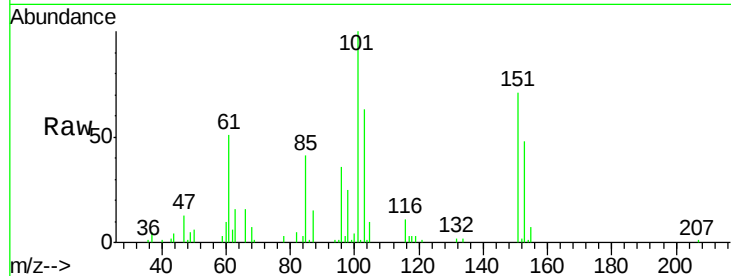
Tot Ion:101 Resp: 56562

Ion Ratio Lower Upper

101 100

85 44.3 35.2 52.8

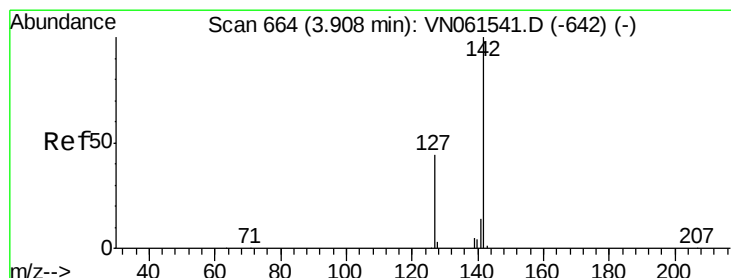
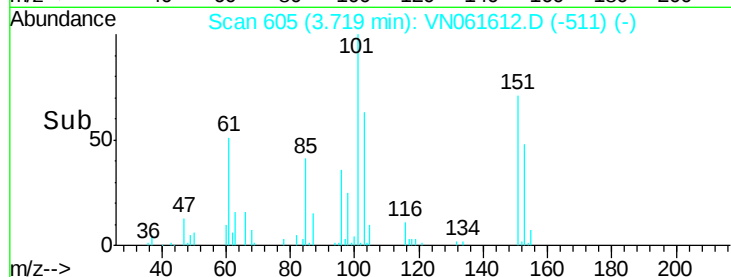
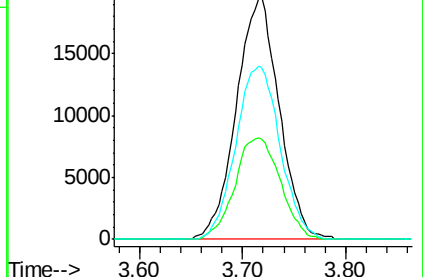
151 73.9 61.0 91.6



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: 18.636 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

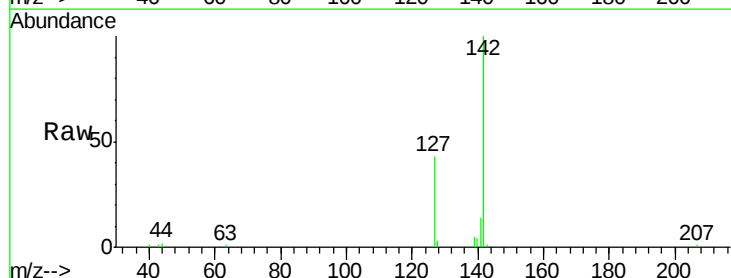
Tgt Ion:142 Resp: 77378

Ion Ratio Lower Upper

142 100

127 43.9 35.5 53.3

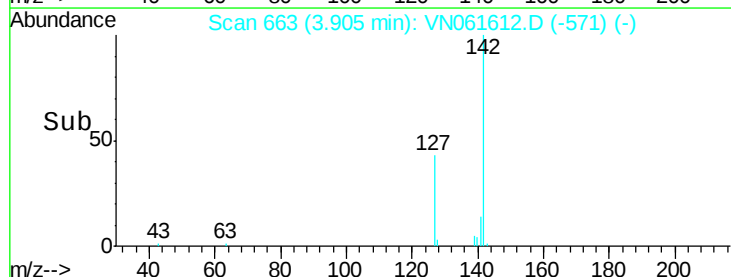
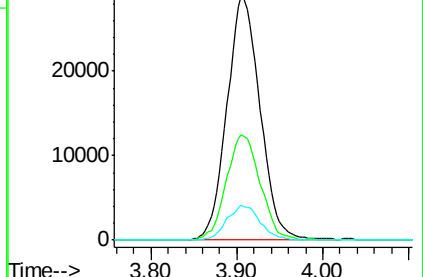
141 14.1 11.5 17.3

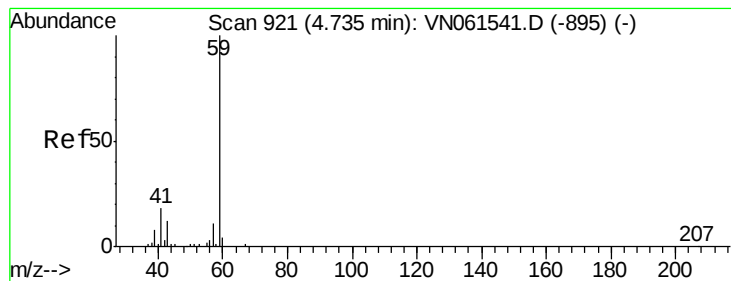


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.735 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

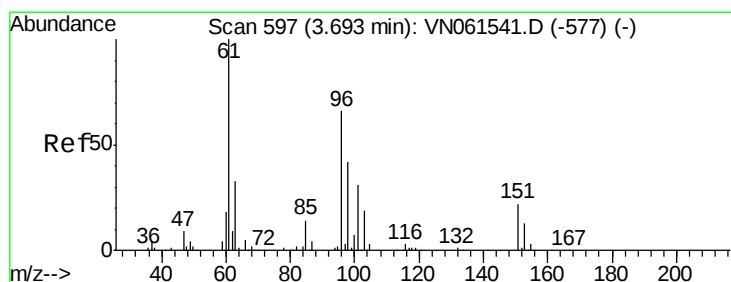
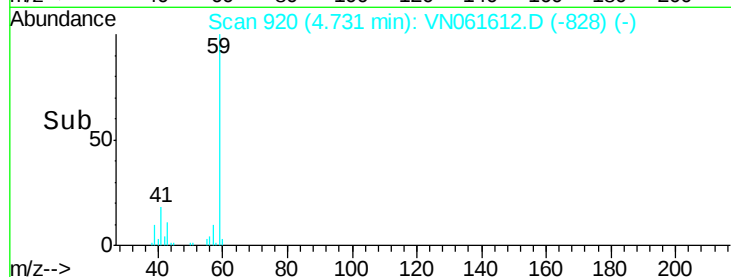
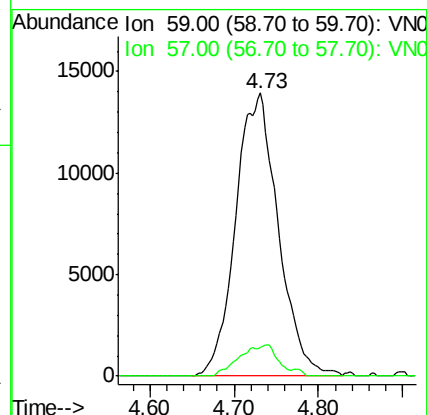
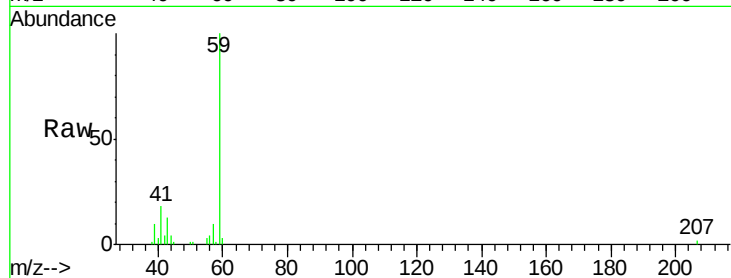
ClientSampleId :

Tot Ion: 59 Resp: 48931

Ion Ratio Lower Upper

59 100

57 4.7 8.4 12.6#



#12

1,1-Dichloroethene

Concen: 17.534 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

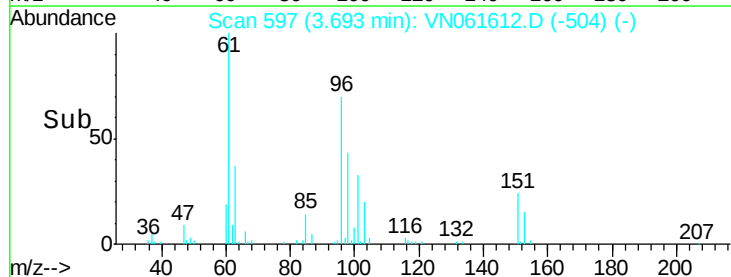
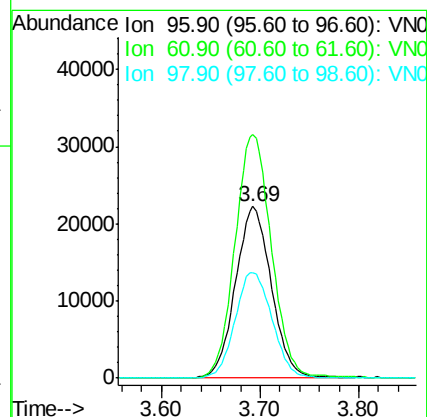
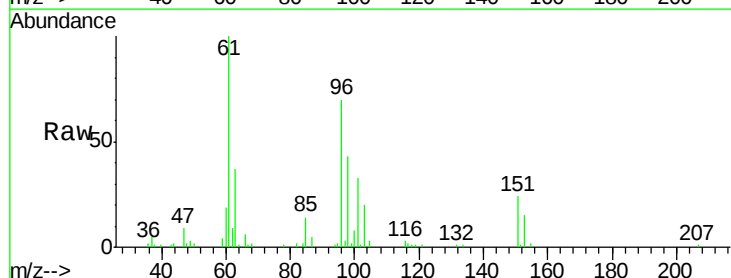
Tgt Ion: 96 Resp: 56029

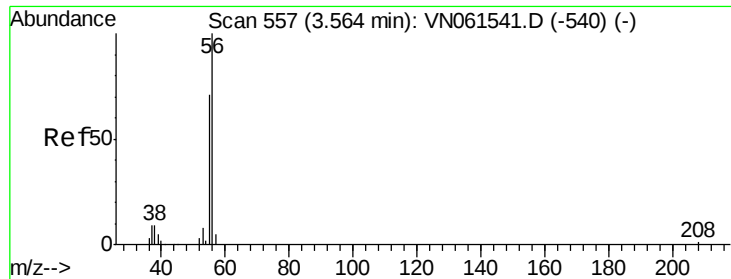
Ion Ratio Lower Upper

96 100

61 142.0 120.5 180.7

98 61.6 50.8 76.2





#13

Acrolein

Concen: 87.497 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

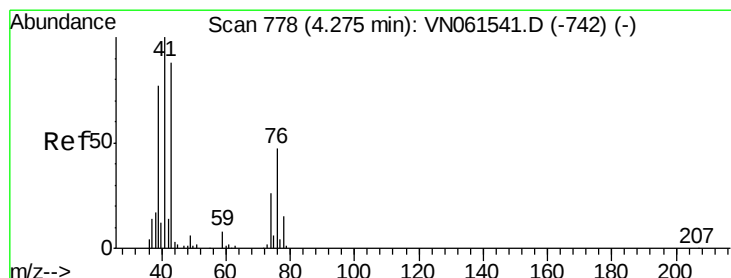
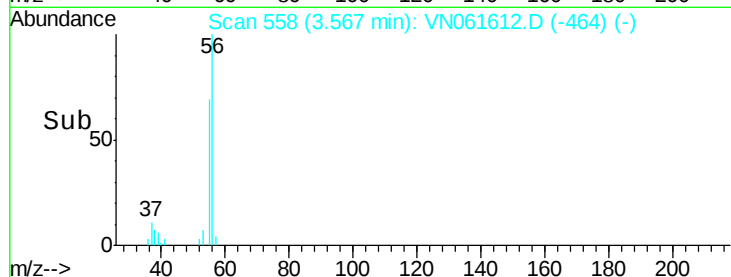
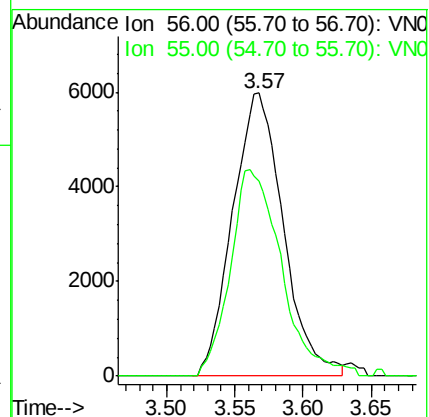
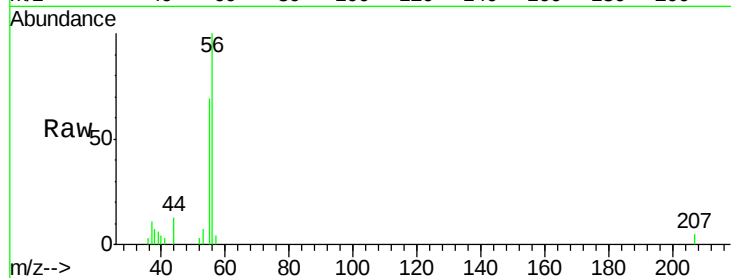
ClientSampleId :

Tot Ion: 56 Resp: 15421

Ion Ratio Lower Upper

56 100

55 73.8 58.0 87.0



#14

Allyl chloride

Concen: 17.579 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

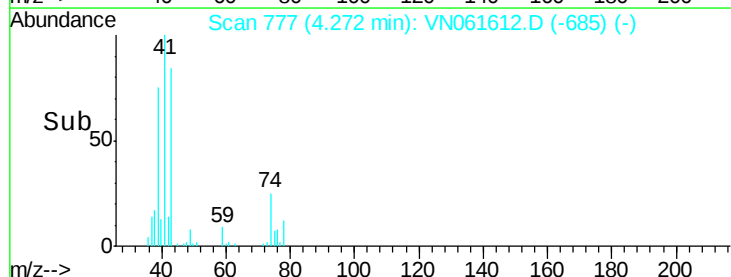
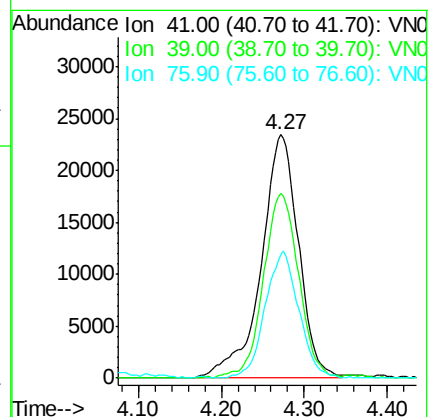
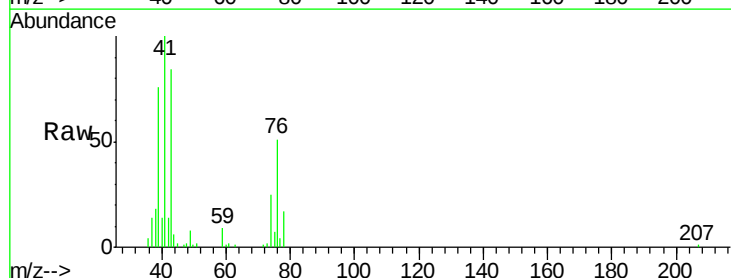
Tgt Ion: 41 Resp: 73438

Ion Ratio Lower Upper

41 100

39 71.5 58.6 88.0

76 46.8 34.2 51.4





#15

Acrylonitrile

Concen: 88.534 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

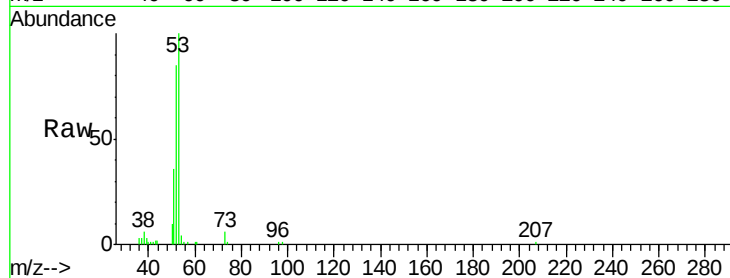
Tot Ion: 53 Resp: 122465

Ion Ratio Lower Upper

53 100

52 79.7 65.4 98.2

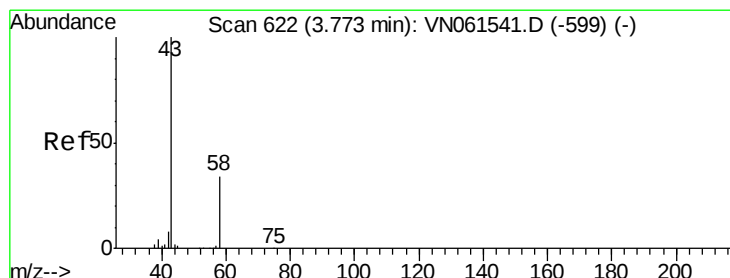
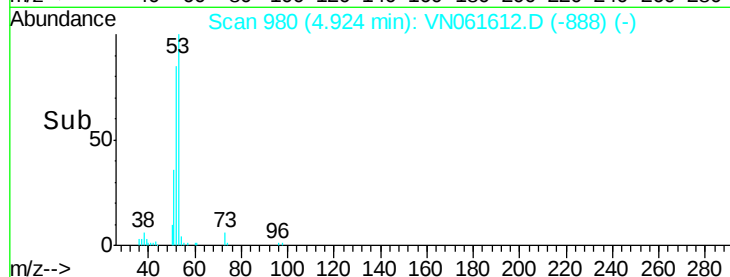
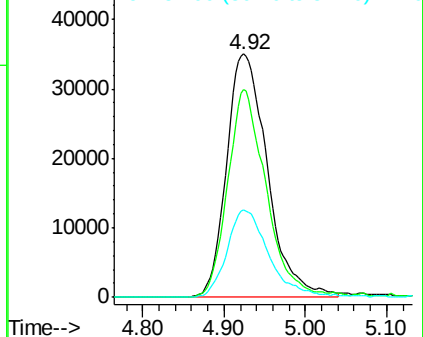
51 36.5 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061612.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN061612.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN061612.D (-958) (-)



#16

Acetone

Concen: 89.382 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061612.D

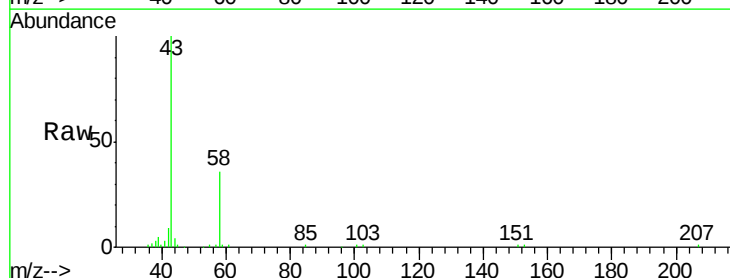
Acq: 2 Jun 2020 11:51

Tgt Ion: 43 Resp: 95871

Ion Ratio Lower Upper

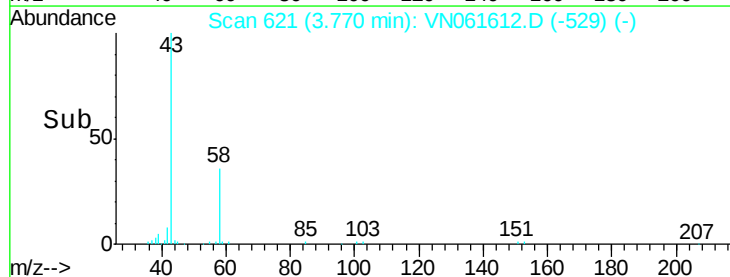
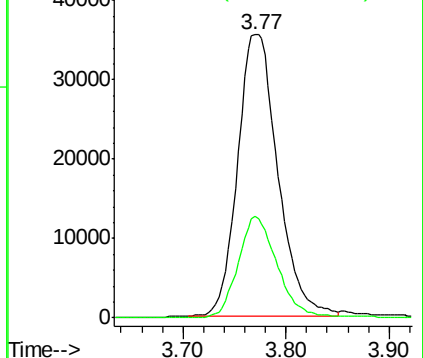
43 100

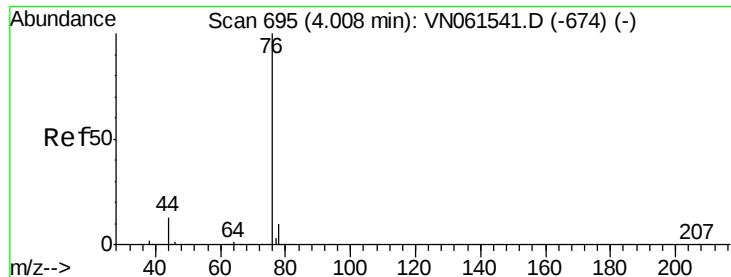
58 36.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061612.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061612.D (-529) (-)

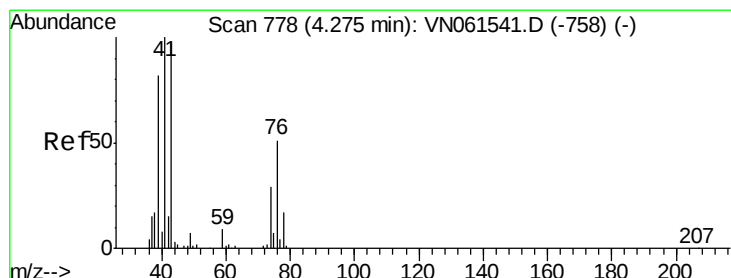
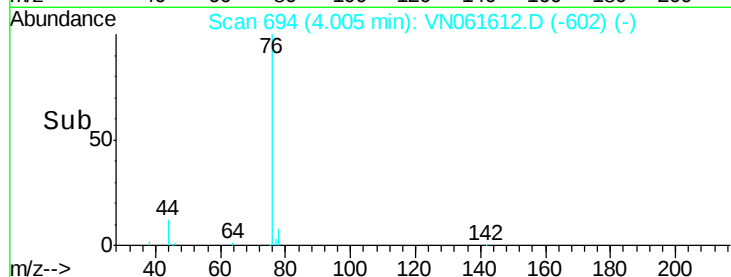
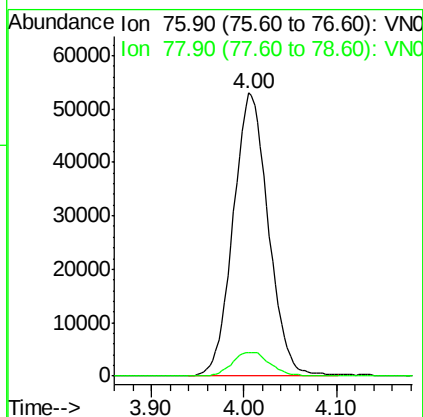
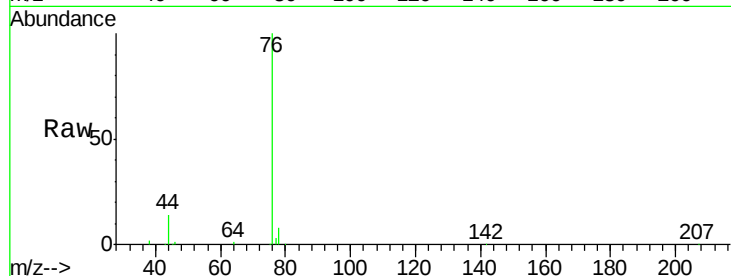




#17
Carbon Disulfide
Concen: 19.833 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

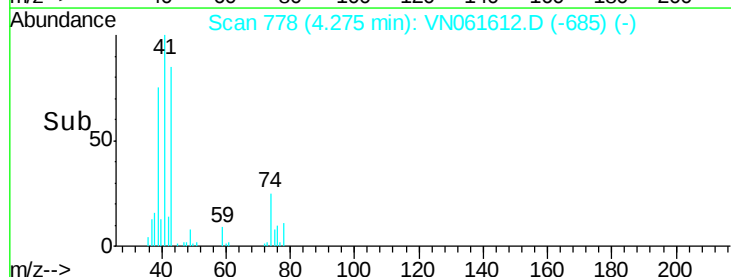
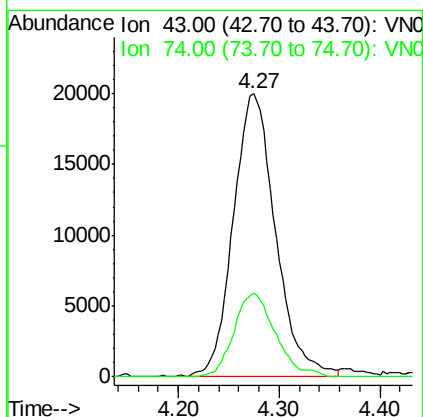
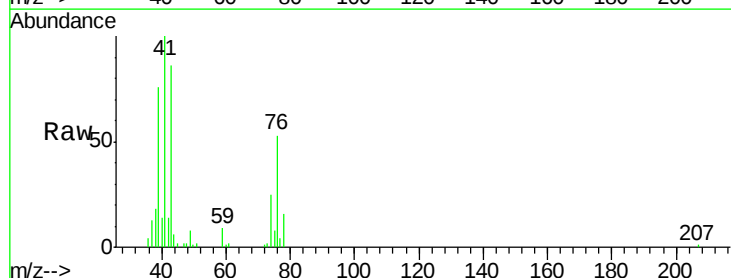
Instrument :
MSVOA_N
ClientSampled :

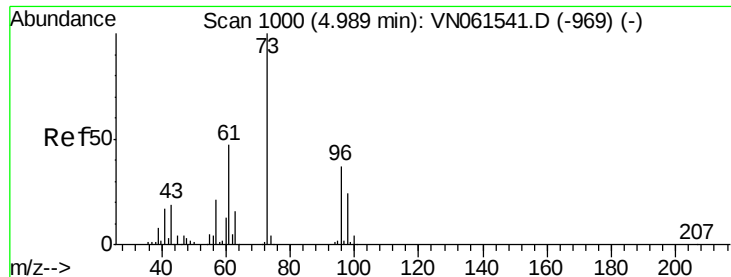
Tot Ion: 76 Resp: 139433
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.6



#18
Methyl Acetate
Concen: 17.249 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion: 43 Resp: 58178
Ion Ratio Lower Upper
43 100
74 29.0 23.2 34.8

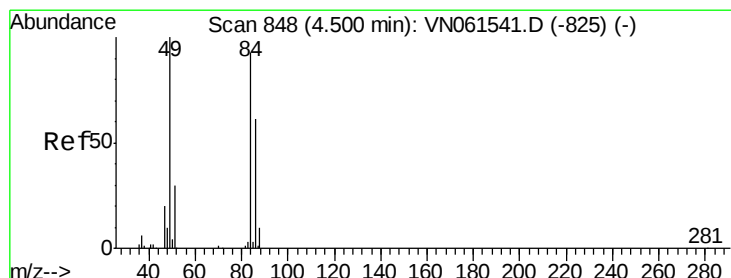
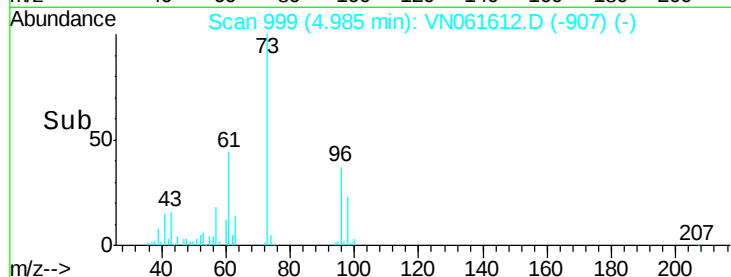
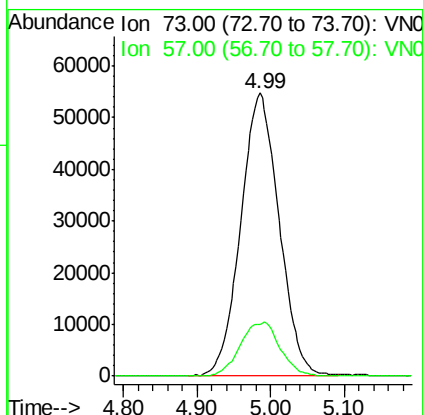
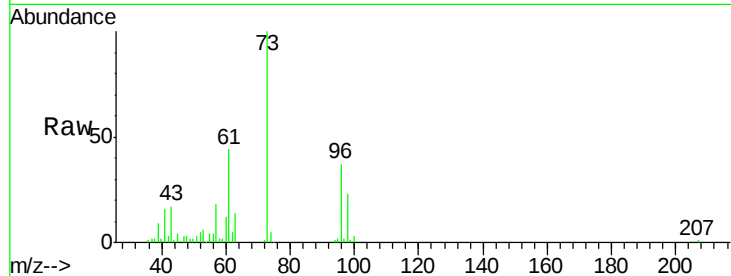




#19
Methvl tert-butvl Ether
Concen: 18.214 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

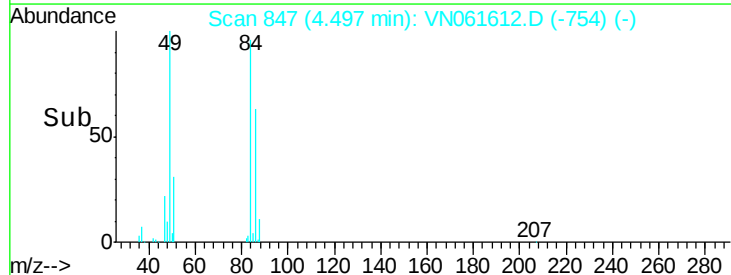
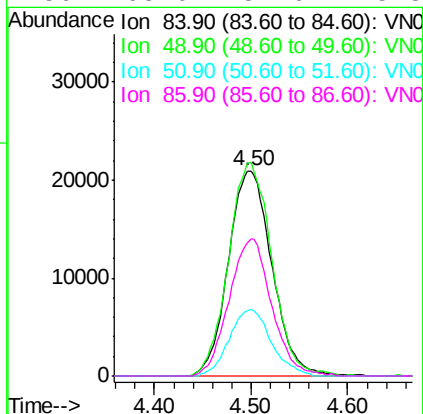
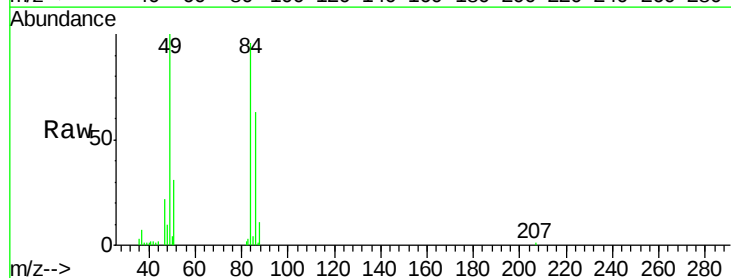
Instrument :
MSVOA_N
ClientSampled :

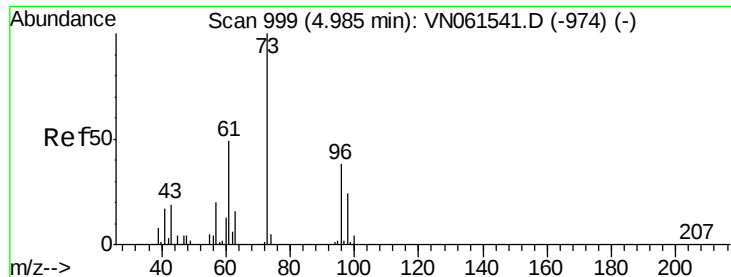
Tot Ion: 73 Resp: 198360
Ion Ratio Lower Upper
73 100
57 18.4 16.4 24.6



#20
Methylene Chloride
Concen: 18.227 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion: 84 Resp: 65468
Ion Ratio Lower Upper
84 100
49 103.9 85.8 128.8
51 31.8 26.2 39.2
86 65.0 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.190 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

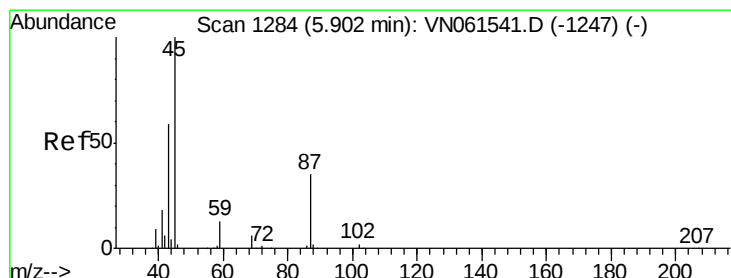
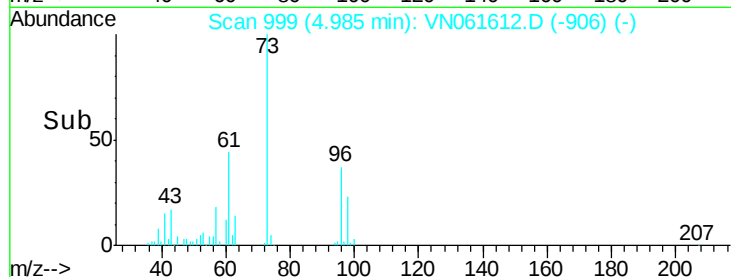
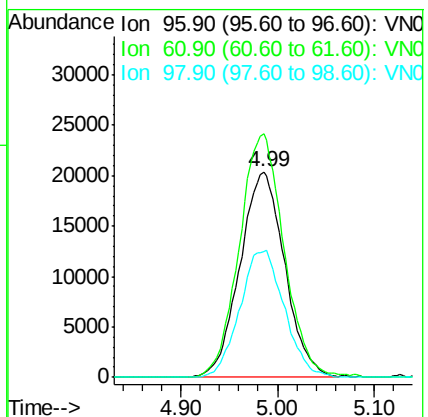
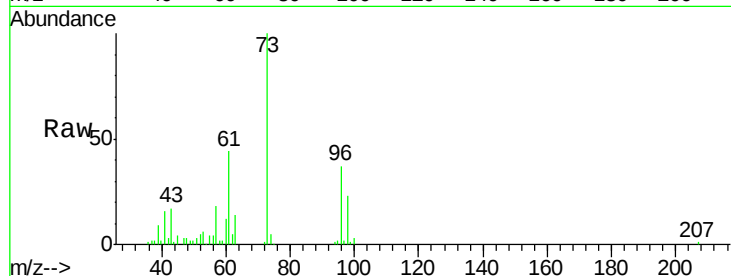
Tot Ion: 96 Resp: 65549

Ion Ratio Lower Upper

96 100

61 118.4 101.4 152.0

98 61.5 50.6 76.0



#22

Diisopropyl ether

Concen: 18.380 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Tgt Ion: 45 Resp: 169228

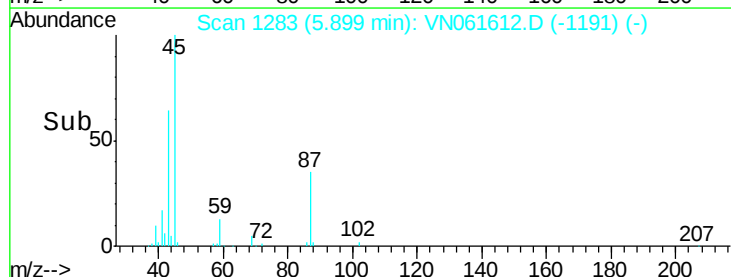
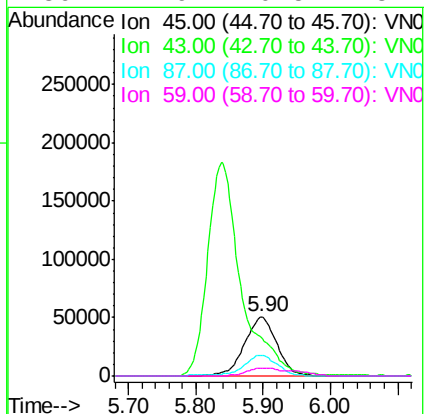
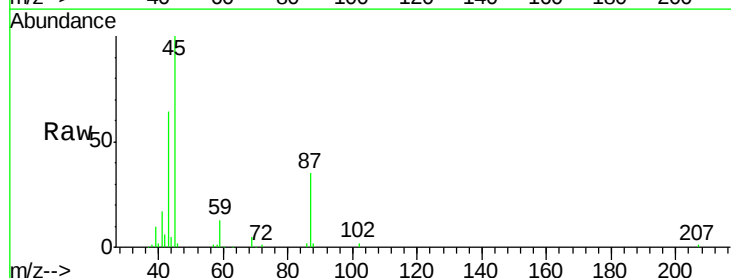
Ion Ratio Lower Upper

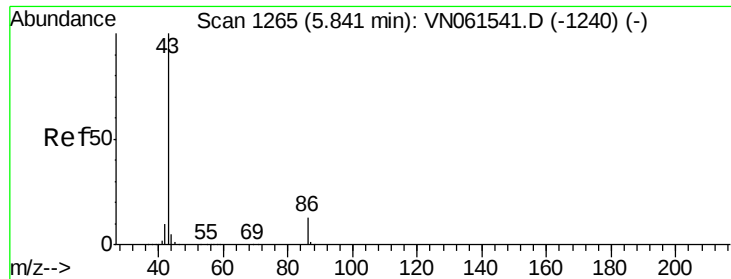
45 100

43 61.7 47.9 71.9

87 34.5 28.4 42.6

59 12.9 10.5 15.7





#23

Vinyl Acetate

Concen: 86.895 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

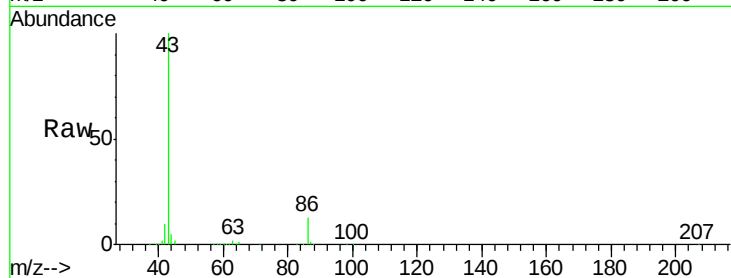
ClientSampleId :

Tot Ion: 43 Resp: 637681

Ion Ratio Lower Upper

43 100

86 13.5 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

200000

150000

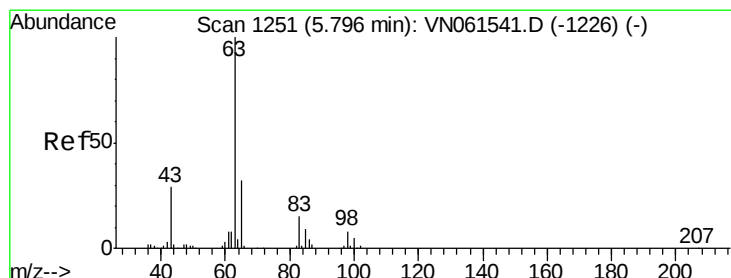
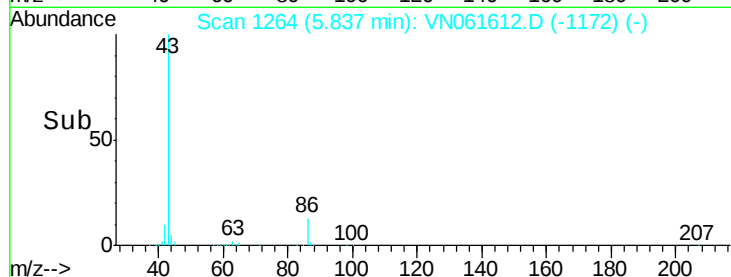
100000

50000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.232 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

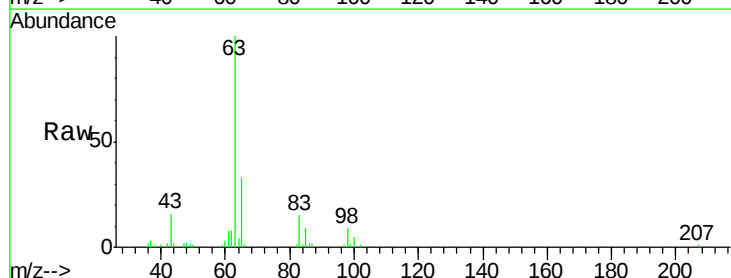
Tgt Ion: 63 Resp: 106449

Ion Ratio Lower Upper

63 100

98 9.2 3.8 11.4

100 5.0 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

40000

30000

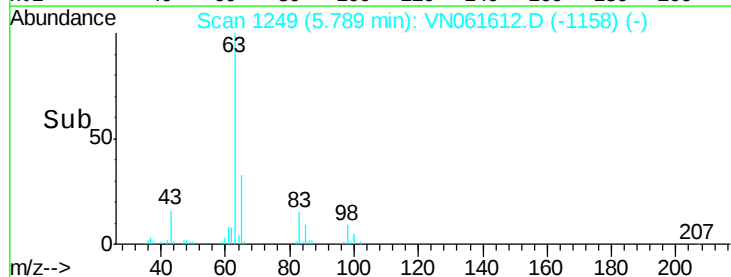
20000

10000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 82.842 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

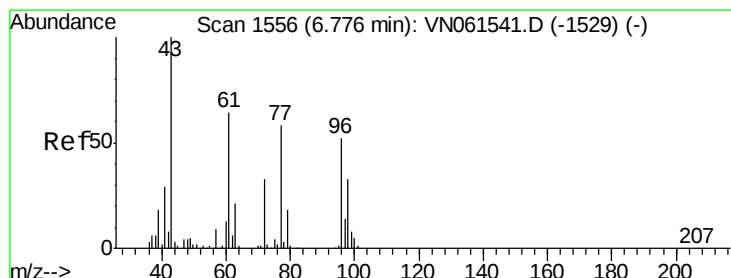
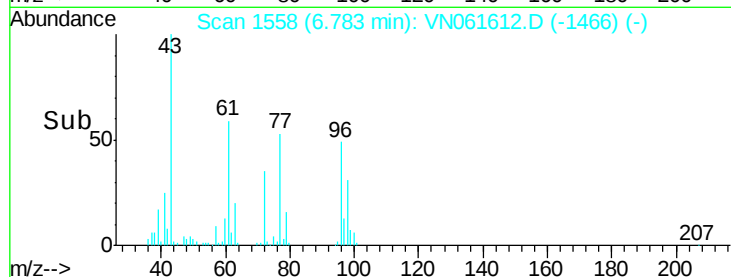
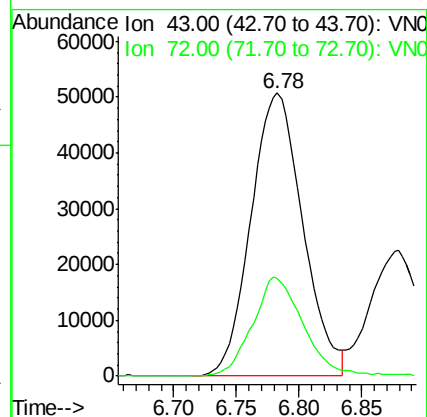
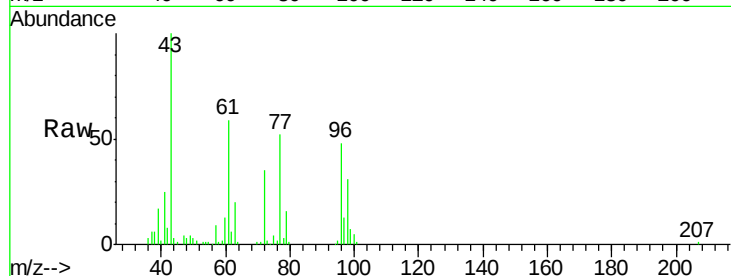
ClientSampleId :

Tot Ion: 43 Resp: 146280

Ion Ratio Lower Upper

43 100

72 34.6 26.0 39.0



#26

2,2-Dichloropropane

Concen: 18.102 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN061612.D

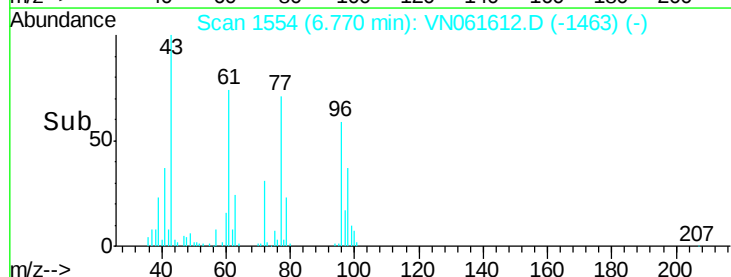
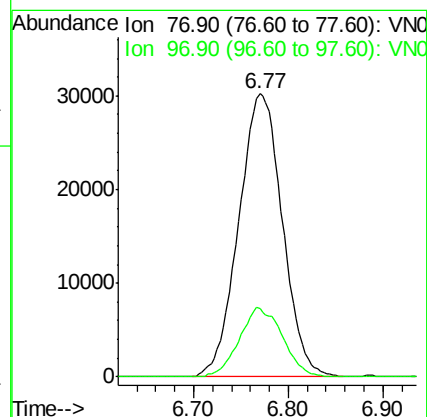
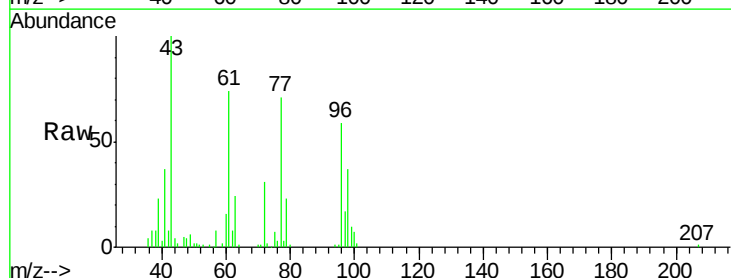
Acq: 2 Jun 2020 11:51

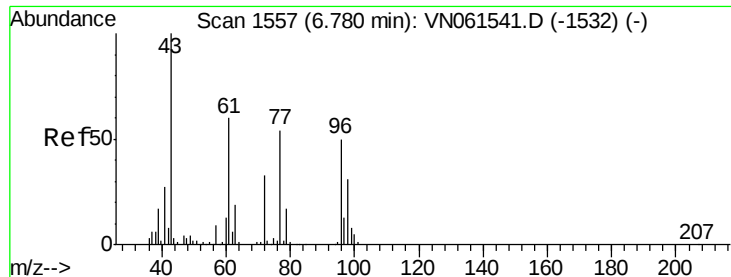
Tgt Ion: 77 Resp: 96733

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 18.872 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :
MSVOA_N
ClientSampled :

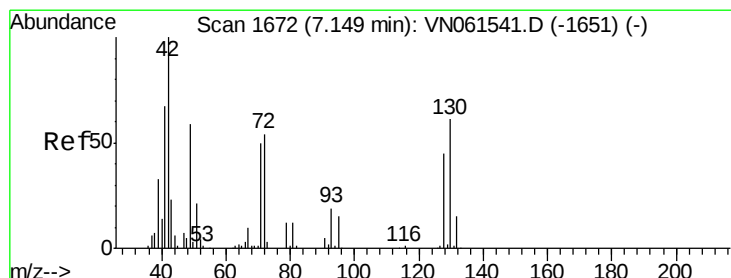
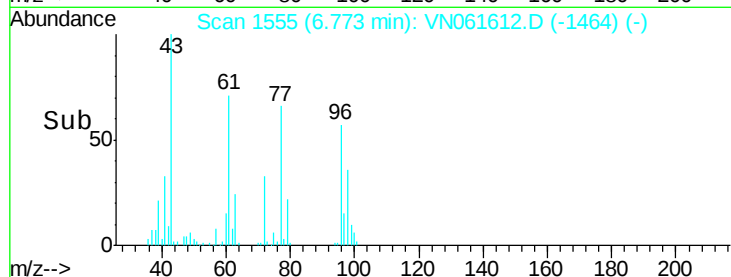
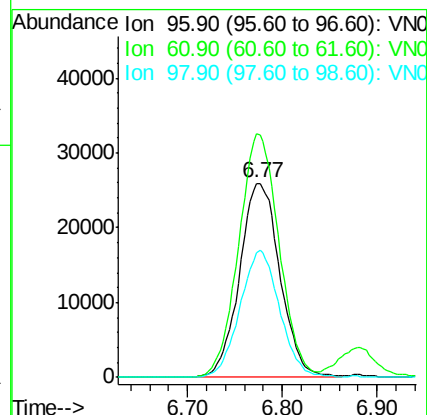
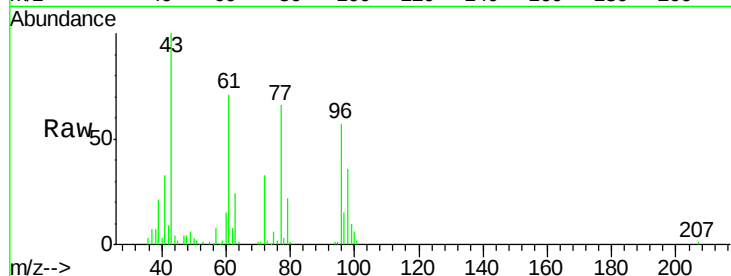
Tot Ion: 96 Resp: 77007

Ion Ratio Lower Upper

96 100

61 125.1 0.0 252.2

98 64.1 0.0 129.2



#28

Bromochloromethane

Concen: 21.294 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

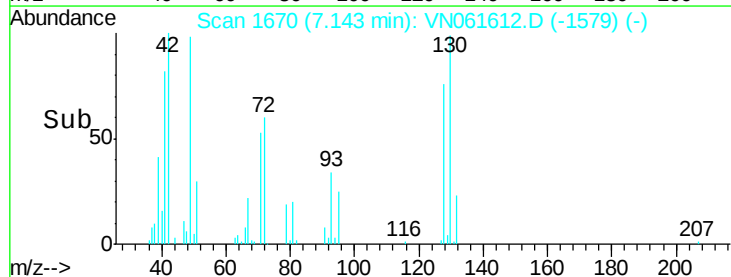
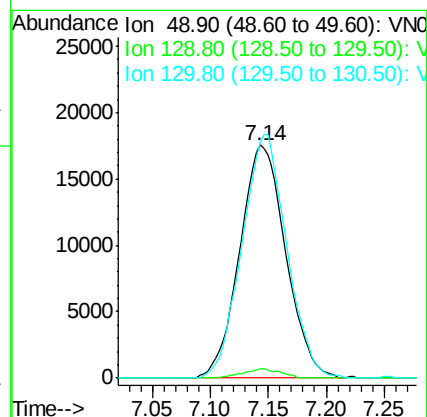
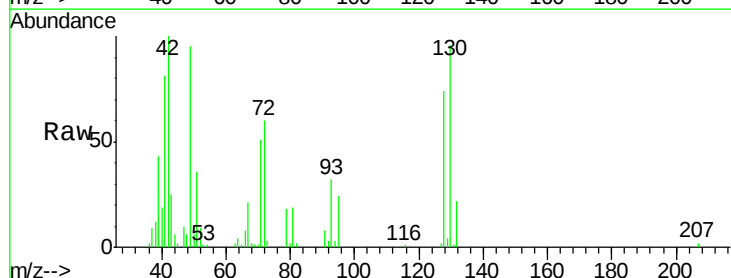
Tgt Ion: 49 Resp: 48429

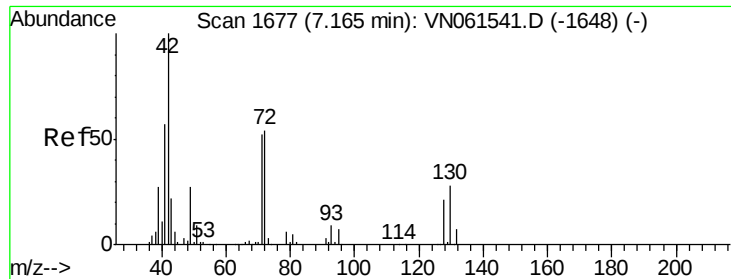
Ion Ratio Lower Upper

49 100

129 3.3 0.0 4.8

130 101.7 78.8 118.2

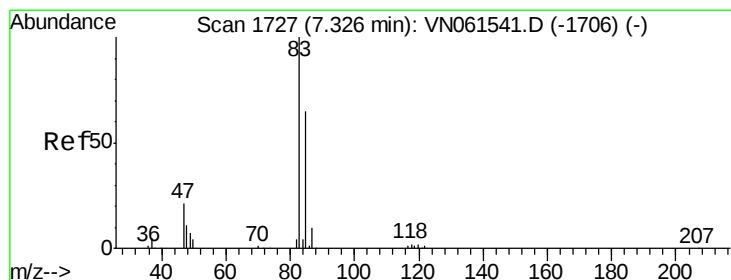
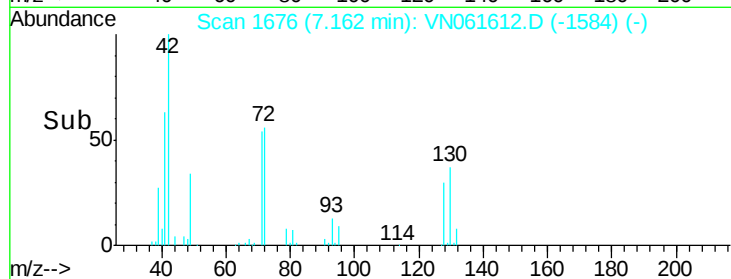
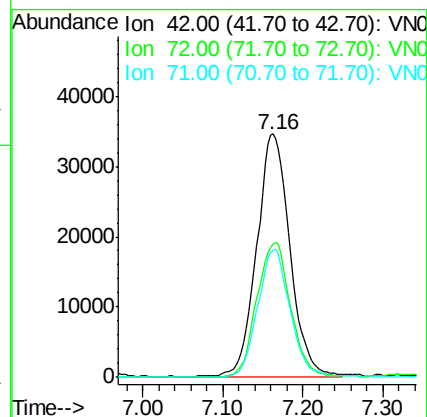
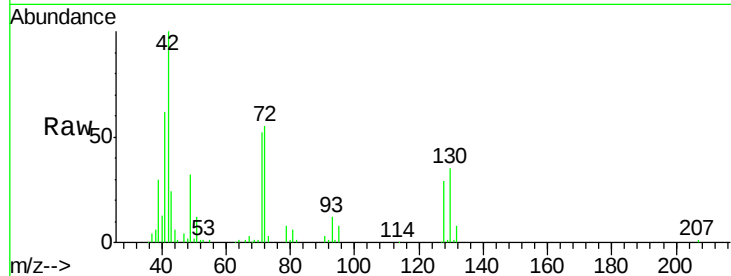




#29
Tetrahydrofuran
Concen: 85.050 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

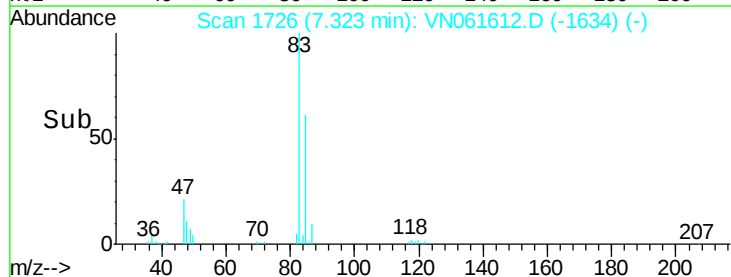
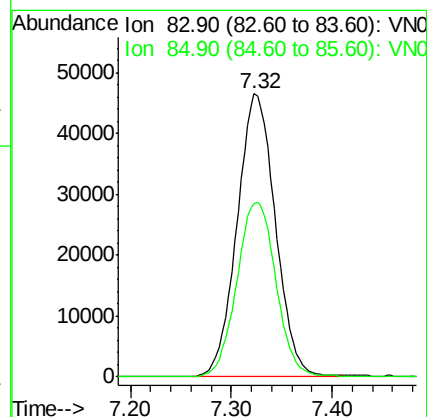
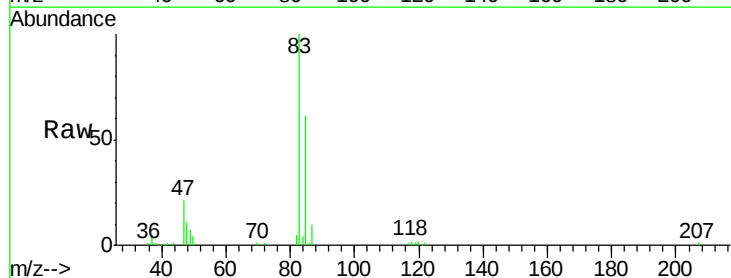
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 99031
Ion Ratio Lower Upper
42 100
72 56.1 43.6 65.4
71 50.8 41.2 61.8



#30
Chloroform
Concen: 18.969 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion: 83 Resp: 122527
Ion Ratio Lower Upper
83 100
85 61.2 51.7 77.5





#31

Cyclohexane

Concen: 17.696 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :
MSVOA_N
ClientSampled :

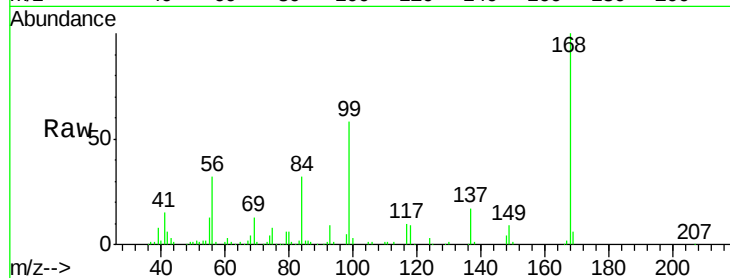
Tot Ion: 56 Resp: 92920

Ion Ratio Lower Upper

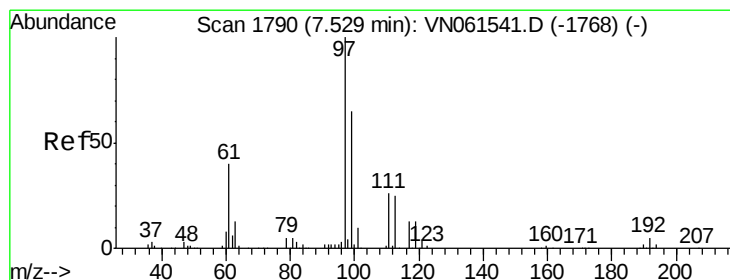
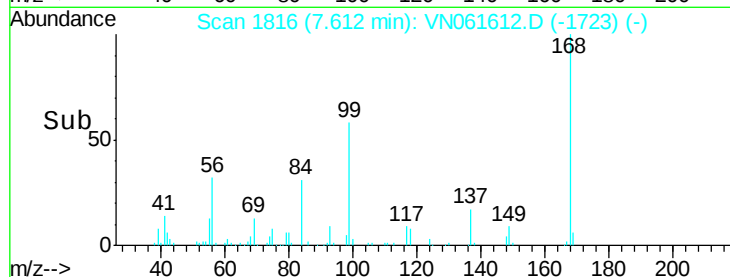
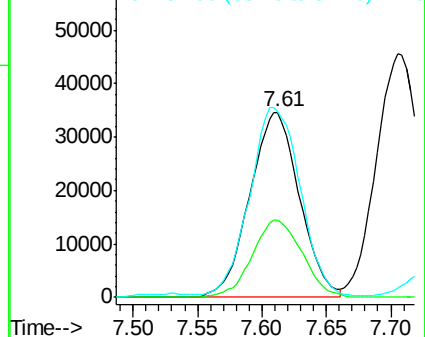
56 100

69 41.6 27.8 41.8

84 99.0 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: 18.125 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

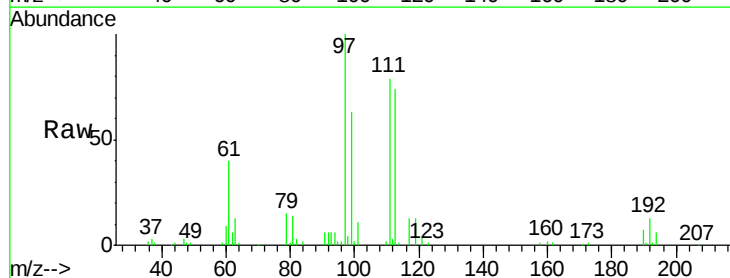
Tgt Ion: 97 Resp: 106679

Ion Ratio Lower Upper

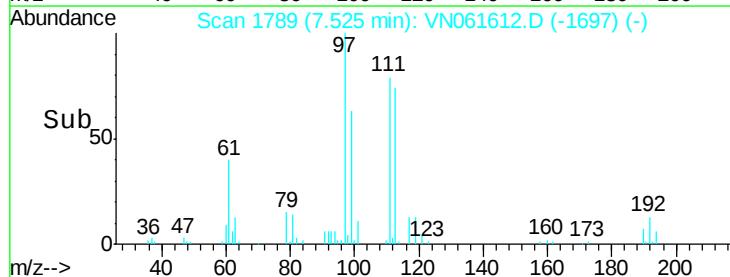
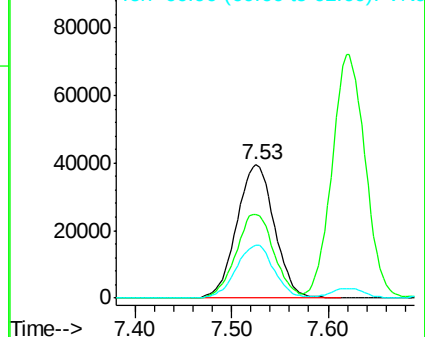
97 100

99 63.7 51.4 77.0

61 39.9 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

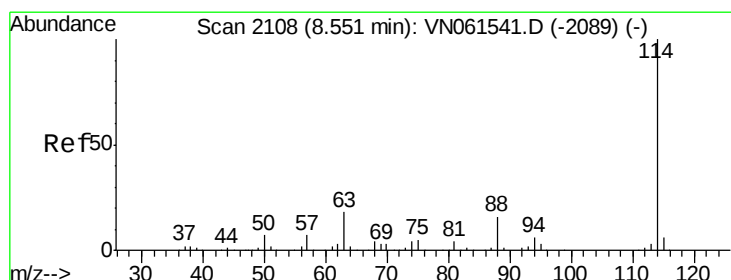
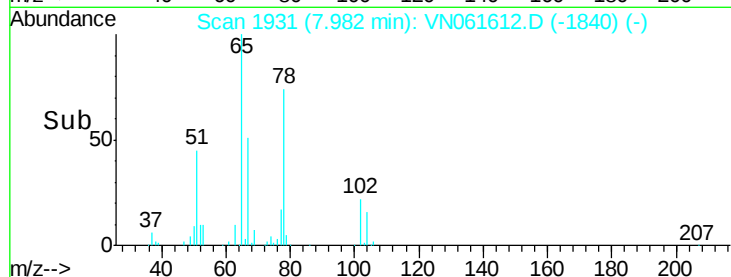
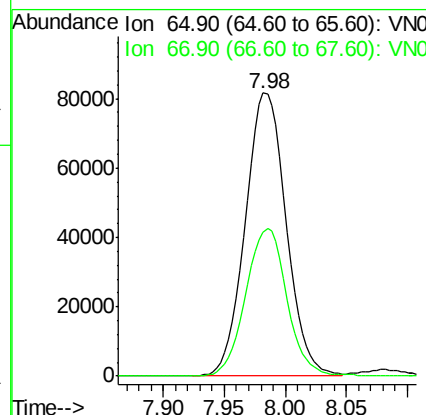
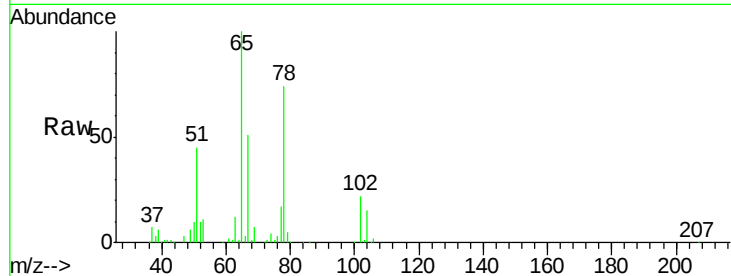




#33
 1,2-Dichloroethane-d4
 Concen: 50.813 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

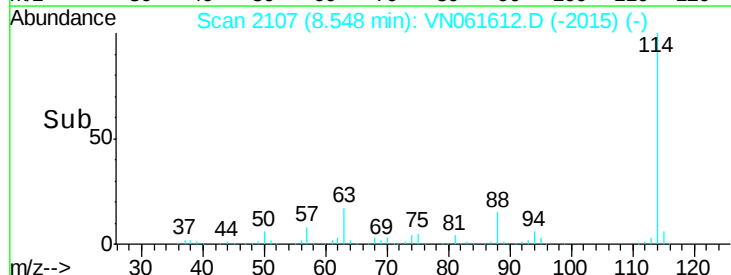
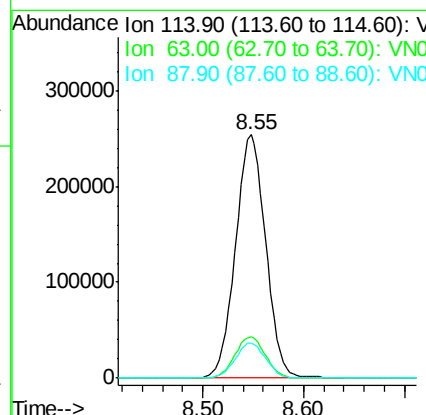
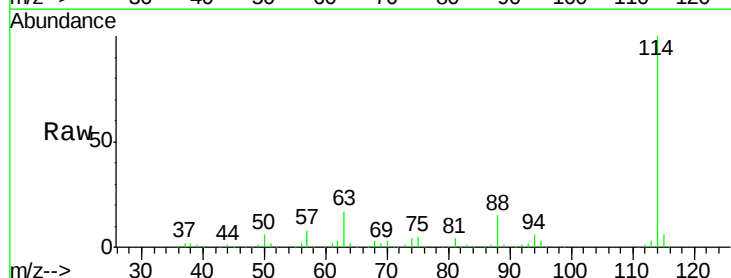
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 65 Resp: 189320
 Ion Ratio Lower Upper
 65 100
 67 52.6 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: VN061612.D
 Acq: 2 Jun 2020 11:51

Tgt Ion: 114 Resp: 528102
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.8
 88 14.6 0.0 31.0

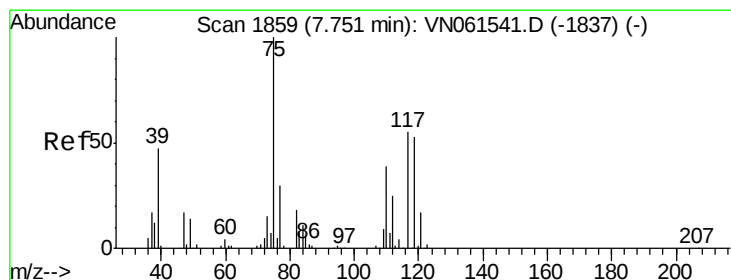
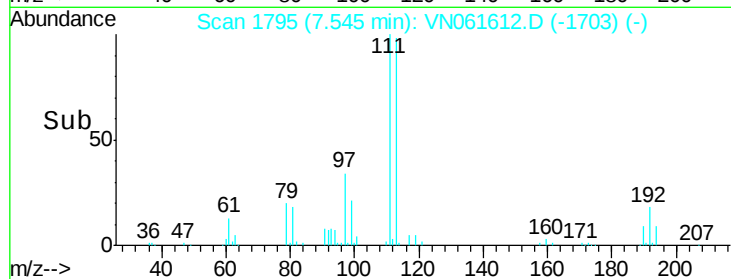
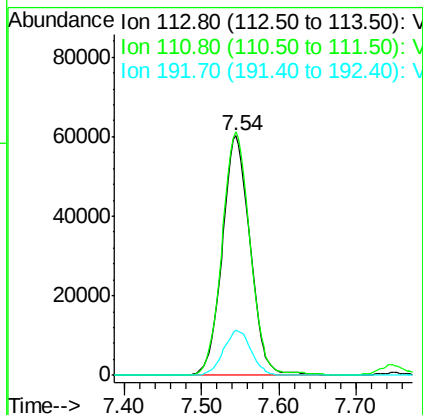
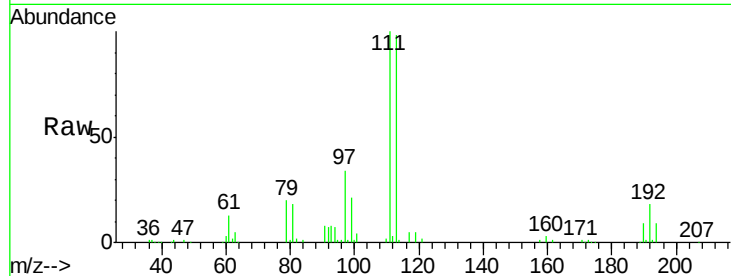




#35
 Dibromofluoromethane
 Concen: 55.960 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

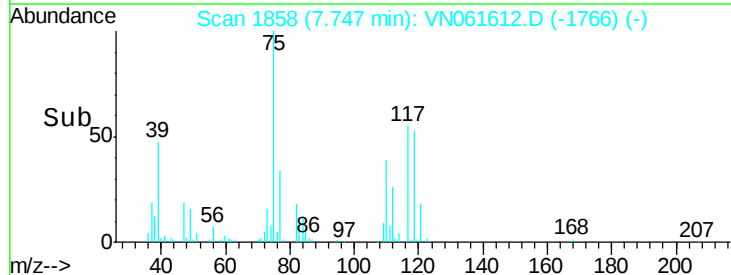
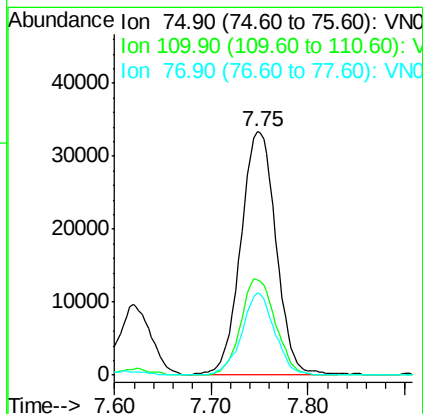
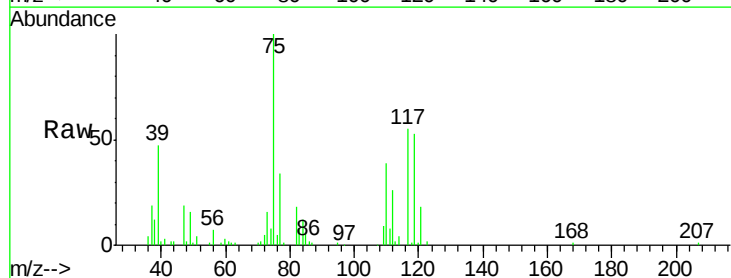
Instrument :
 MSVOA_N
 ClientSampleId :

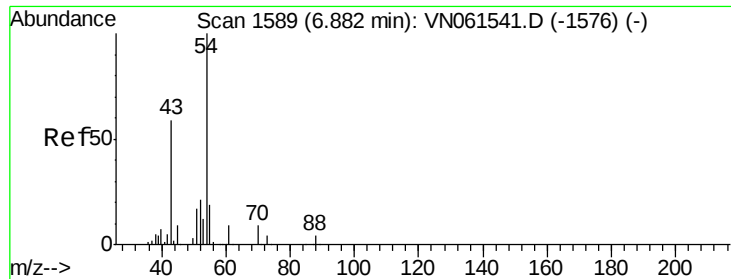
Tot Ion:113 Resp: 149916
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.4 125.0
 192 18.7 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 18.107 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

Tgt Ion: 75 Resp: 84652
 Ion Ratio Lower Upper
 75 100
 110 38.7 19.5 58.5
 77 31.3 24.7 37.1

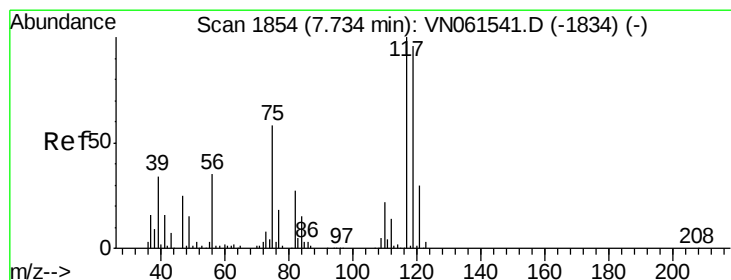
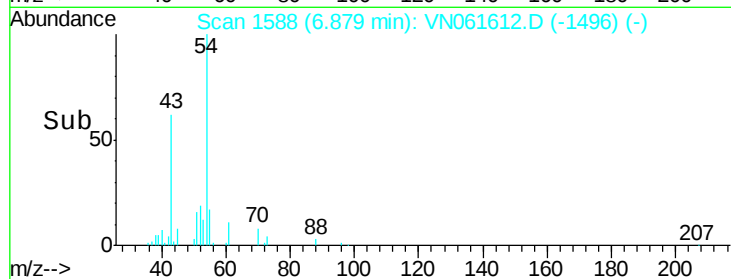
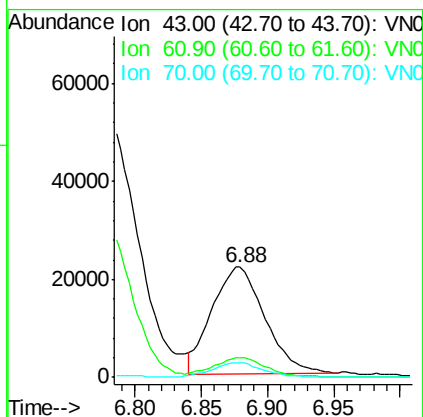
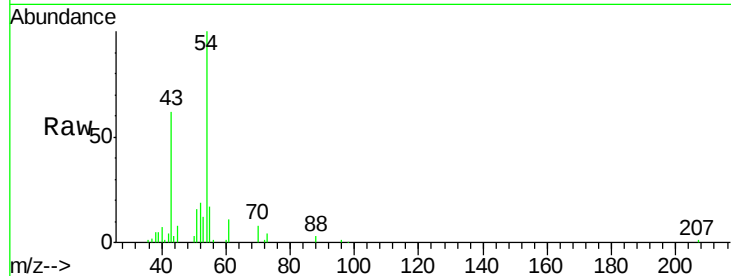




#37
Ethyl Acetate
Concen: 16.153 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

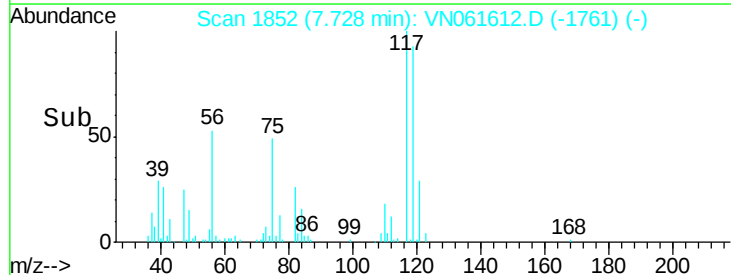
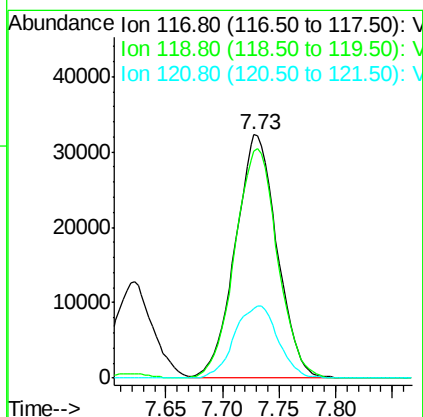
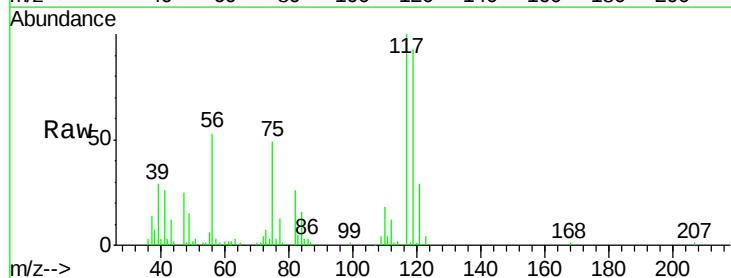
Instrument :
MSVOA_N
ClientSampleId :

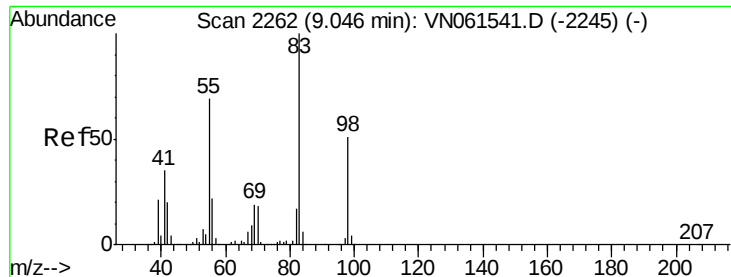
Tot Ion: 43 Resp: 60825
Ion Ratio Lower Upper
43 100
61 18.8 12.2 18.4#
70 12.8 9.4 14.2



#38
Carbon Tetrachloride
Concen: 18.380 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion: 117 Resp: 82885
Ion Ratio Lower Upper
117 100
119 93.2 76.5 114.7
121 28.6 24.1 36.1

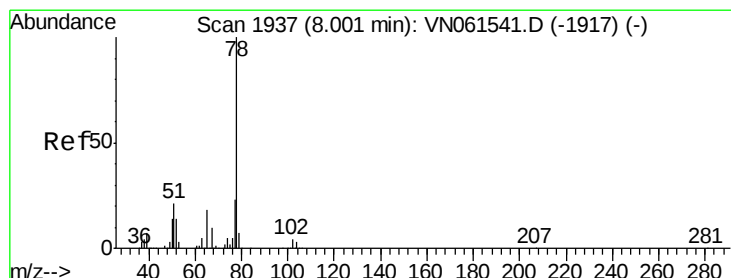
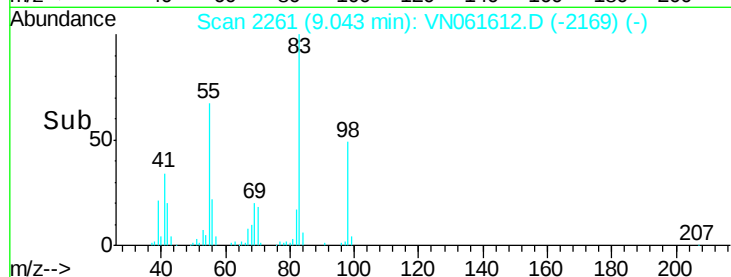
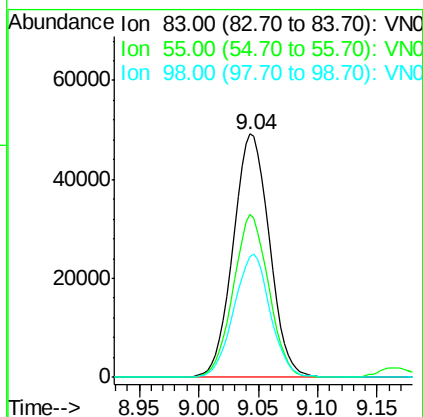
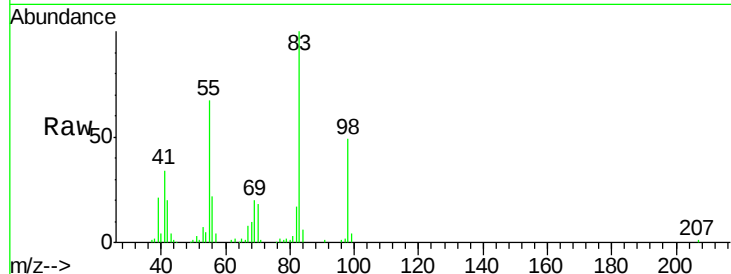




#39
Methvlcvclohexane
Concen: 18.057 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

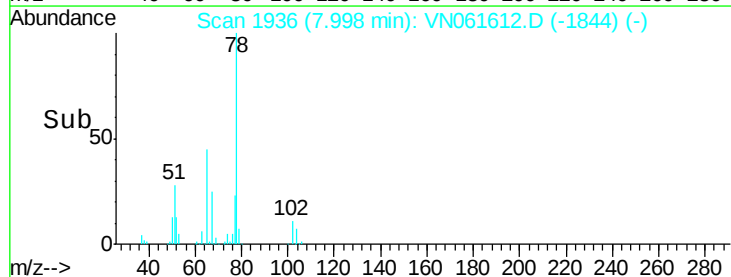
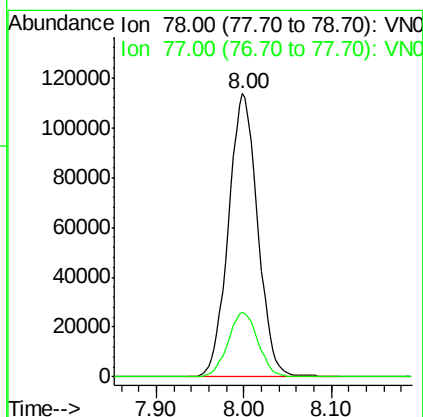
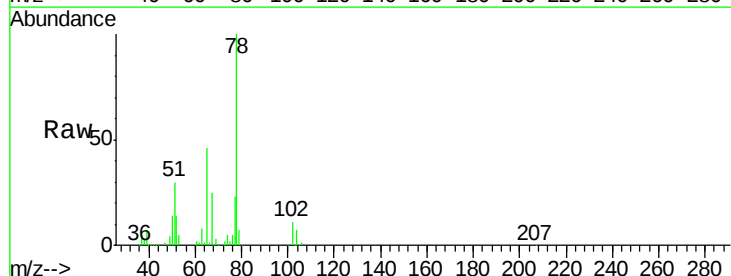
Instrument :
MSVOA_N
ClientSampleId :

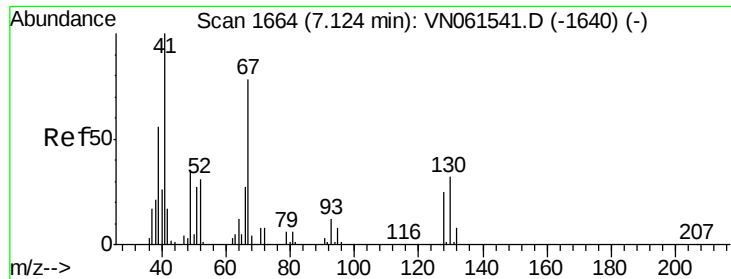
Tot Ion	83	Resp	104053
Ion Ratio	Lower	Upper	
83	100		
55	67.0	54.9	82.3
98	49.4	41.0	61.4



#40
Benzene
Concen: 18.322 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion	78	Resp	264290
Ion Ratio	Lower	Upper	
78	100		
77	22.8	18.6	28.0

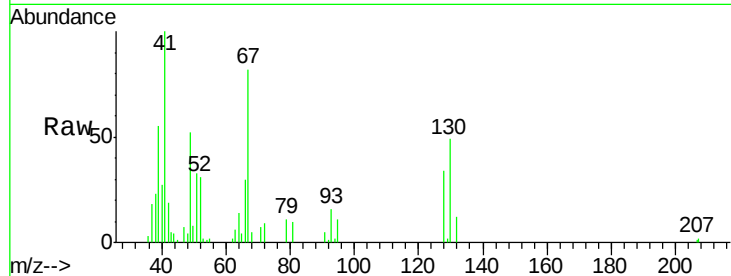




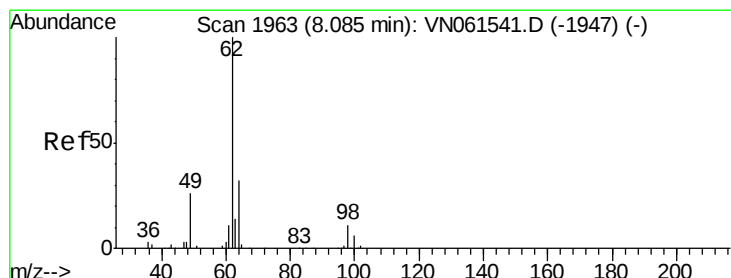
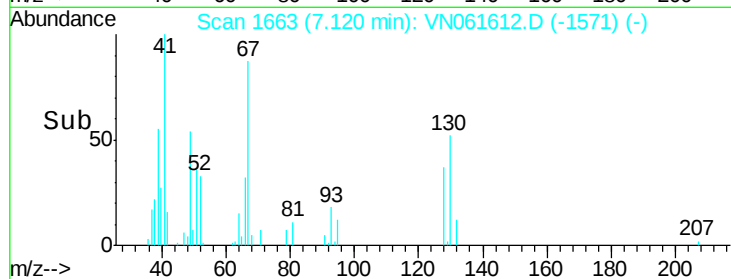
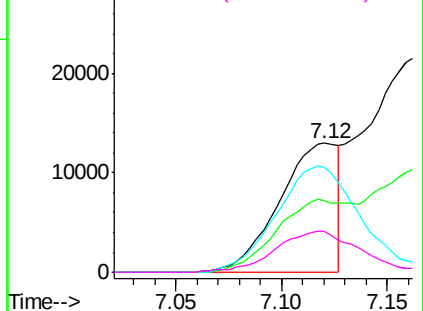
#41
Methacrylonitrile
Concen: 14.565 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 25128
Ion Ratio Lower Upper
41 100
39 68.9 53.8 80.6
67 117.7 91.1 136.7
52 45.8 36.0 54.0

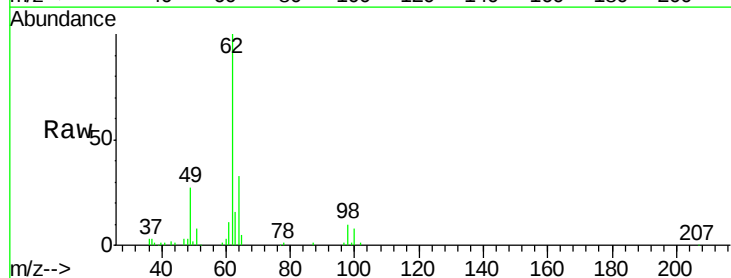


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

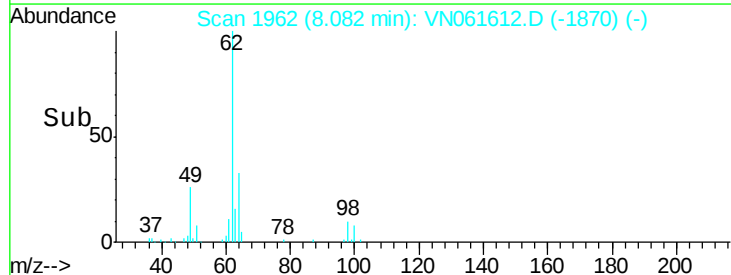
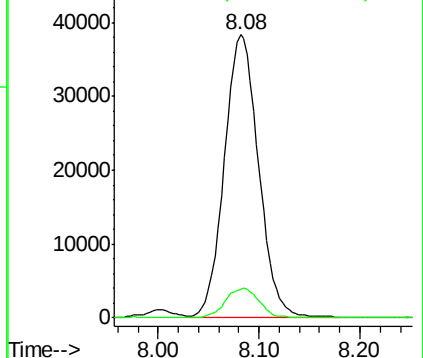


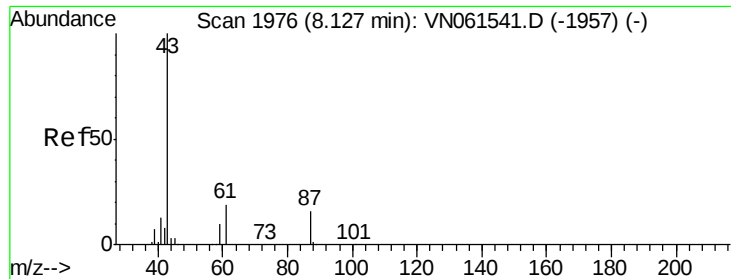
#42
1,2-Dichloroethane
Concen: 18.782 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion: 62 Resp: 90702
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.4



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

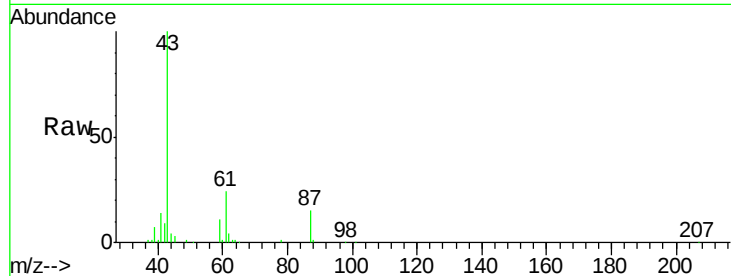




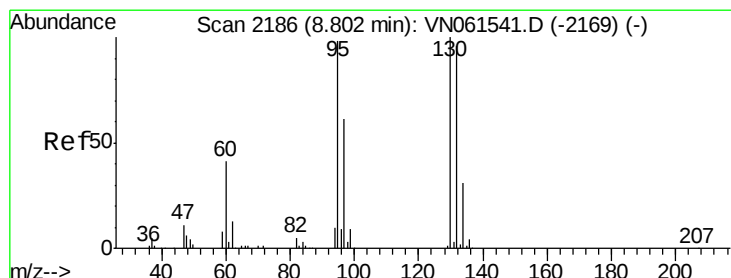
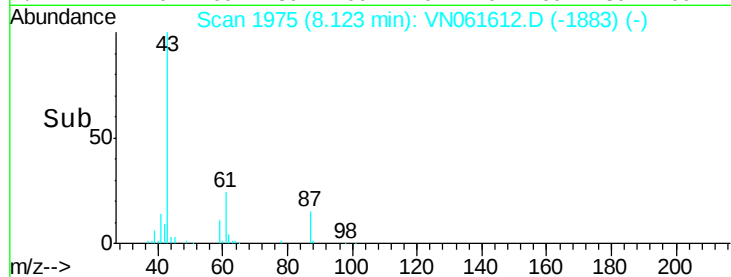
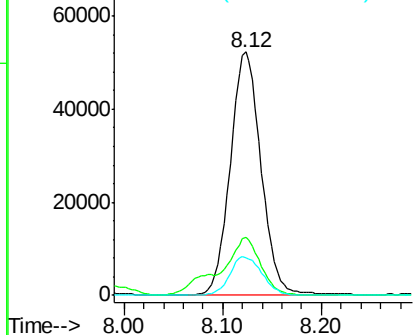
#43
Isopropyl Acetate
Concen: 16.851 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 114158
Ion Ratio Lower Upper
43 100
61 31.3 23.6 35.4
87 16.7 13.0 19.6

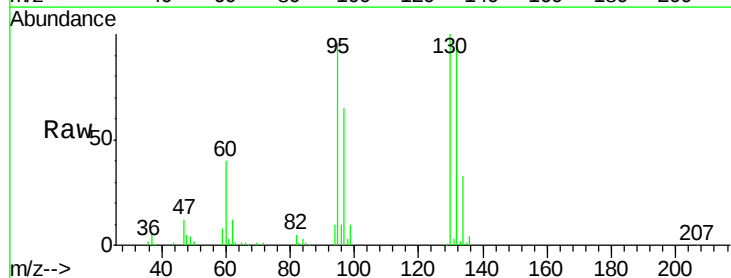


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

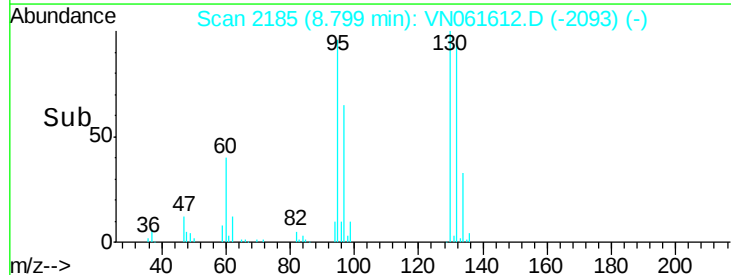
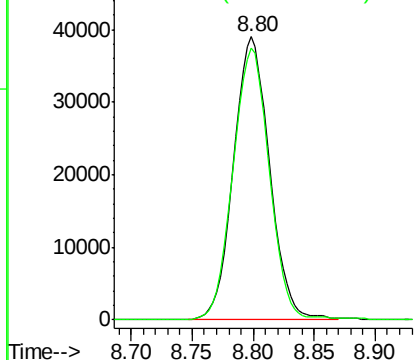


#44
Trichloroethene
Concen: 18.046 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion:130 Resp: 79999
Ion Ratio Lower Upper
130 100
95 95.8 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

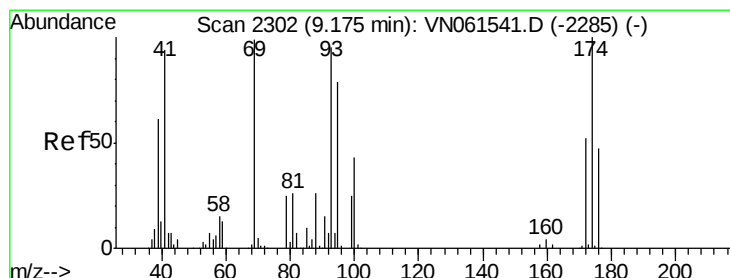
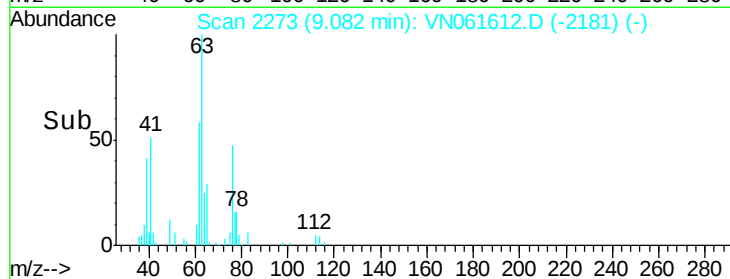
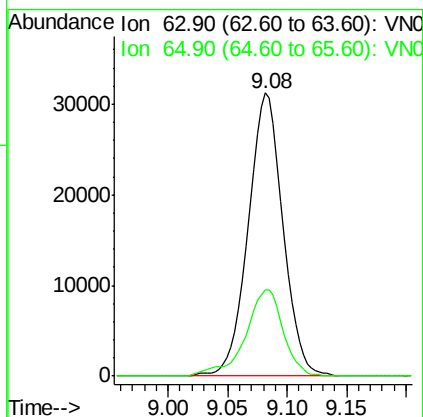
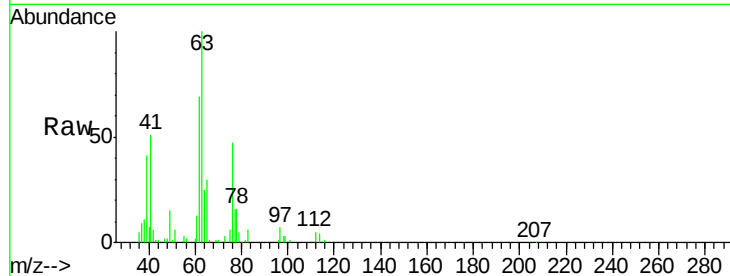




#45
 1,2-Dichloropropane
 Concen: 18.409 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

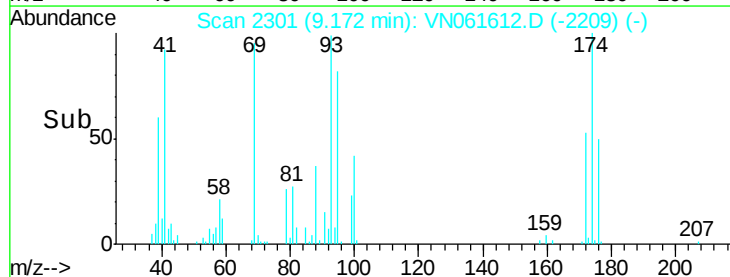
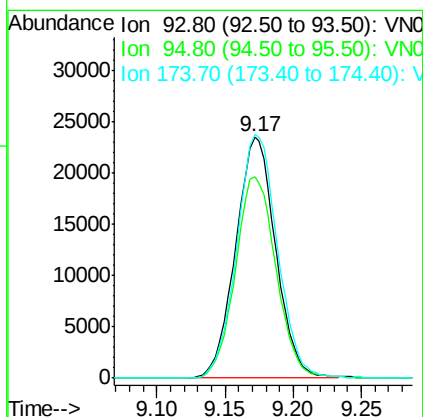
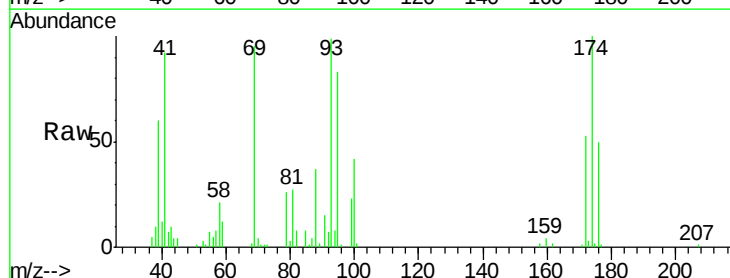
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 63056
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1



#46
 Dibromomethane
 Concen: 18.226 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

Tgt Ion: 93 Resp: 47880
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.0 99.0
 174 102.5 82.5 123.7





#47

Bromodichloromethane

Concen: 18.323 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :
MSVOA_N
ClientSampled :

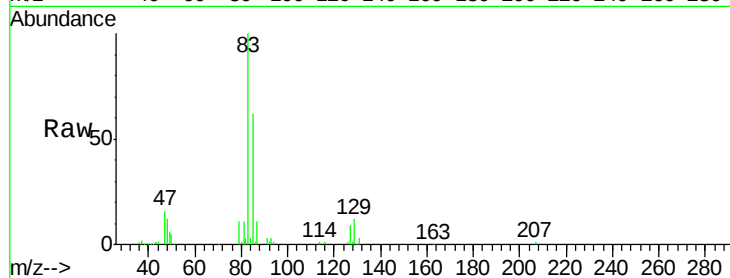
Tot Ion: 83 Resp: 95364

Ion Ratio Lower Upper

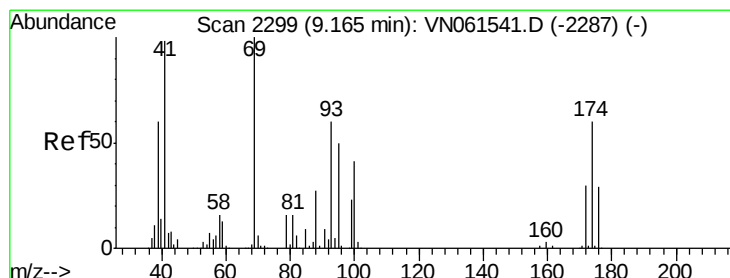
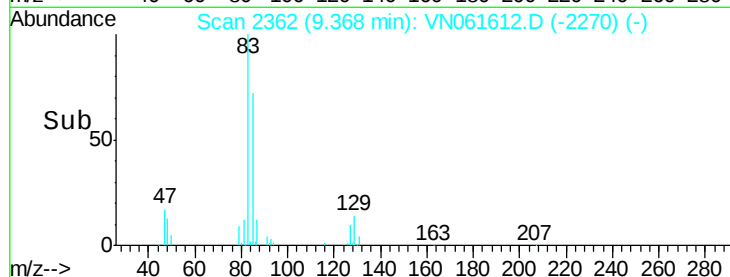
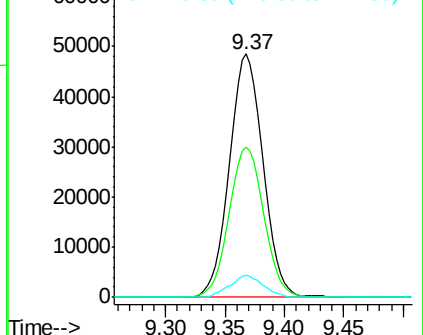
83 100

85 61.9 51.1 76.7

127 9.0 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: 15.869 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

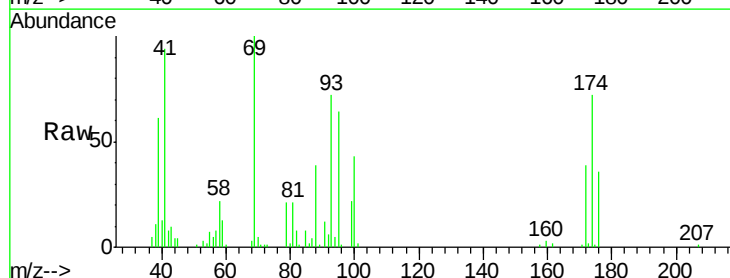
Tgt Ion: 41 Resp: 48368

Ion Ratio Lower Upper

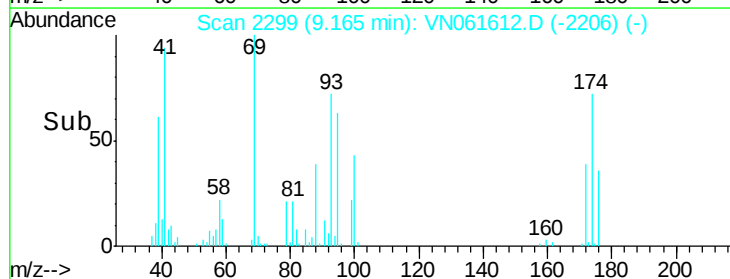
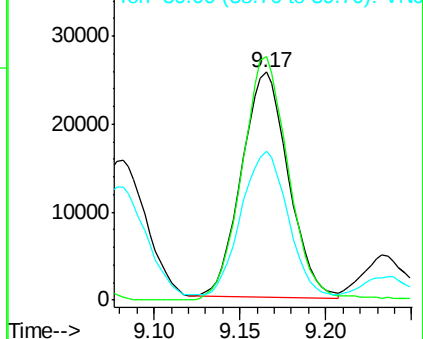
41 100

69 108.0 83.9 125.9

39 68.0 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

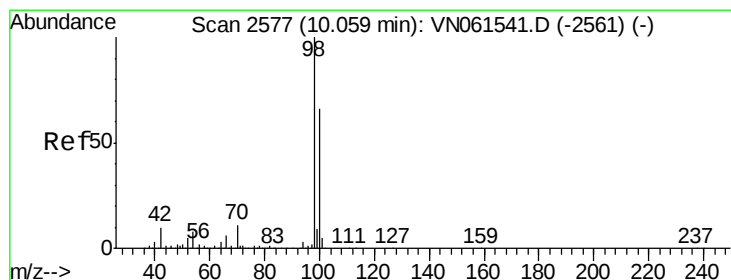
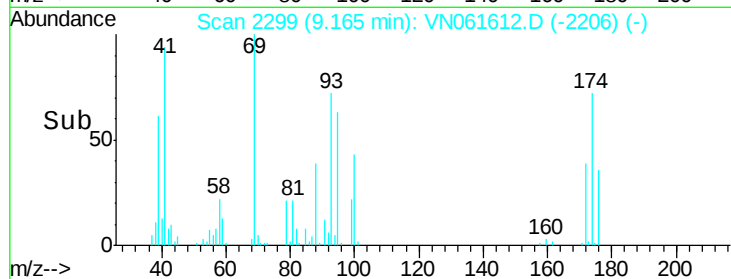
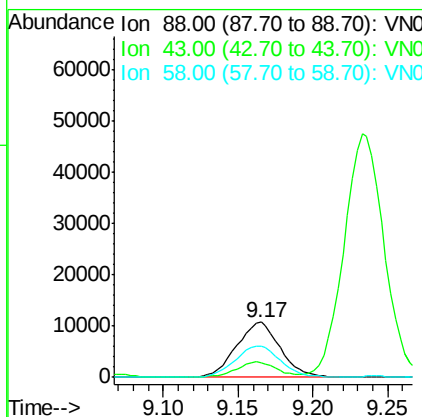
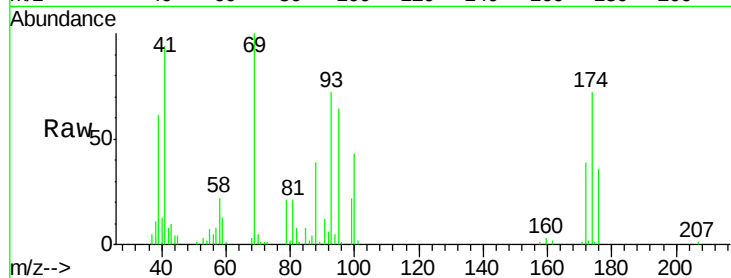




#49
 1,4-Dioxane
 Concen: 464.315 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

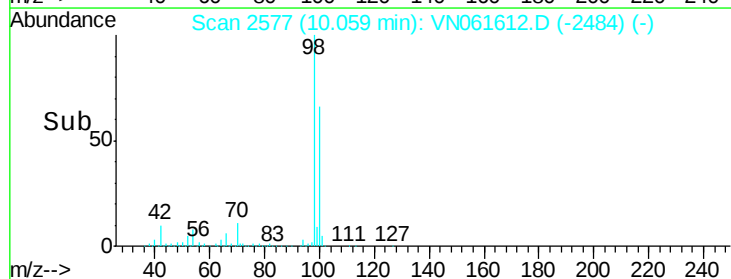
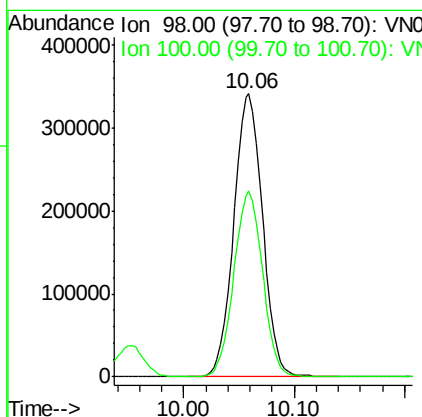
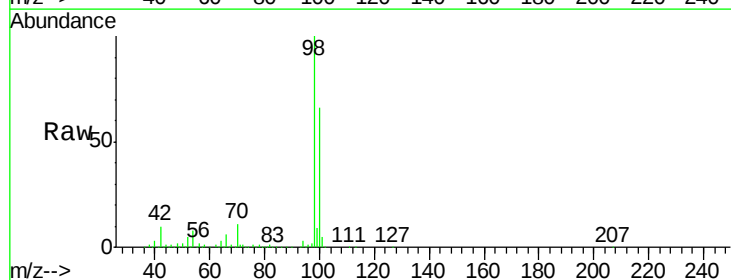
Instrument :
 MSVOA_N
 ClientSampleId :

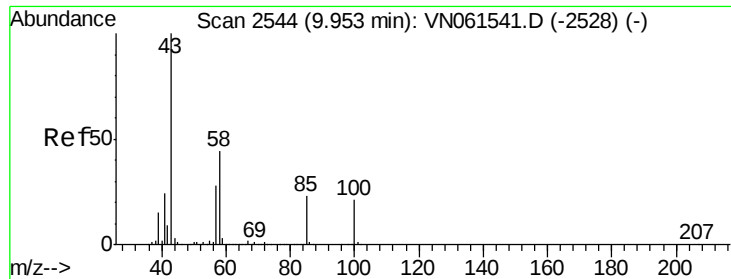
Tot Ion: 88 Resp: 21924
 Ion Ratio Lower Upper
 88 100
 43 25.8 23.1 34.7
 58 59.0 48.3 72.5



#50
 Toluene-d8
 Concen: 49.694 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

Tgt Ion: 98 Resp: 616932
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 83.038 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

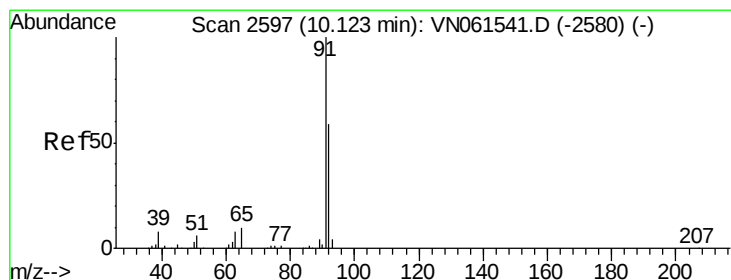
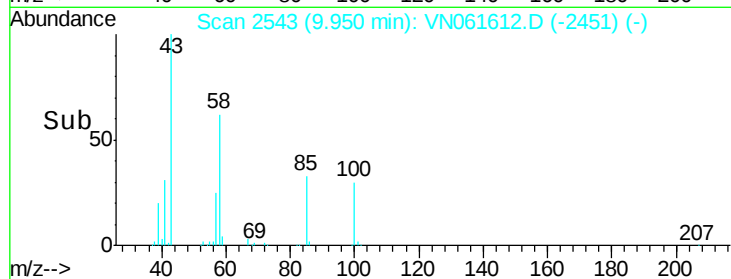
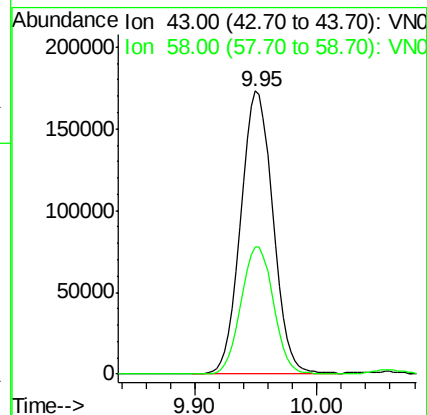
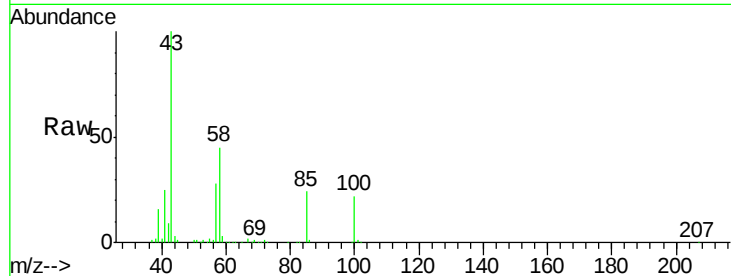
ClientSampled :

Tot Ion: 43 Resp: 317007

Ion Ratio Lower Upper

43 100

58 45.3 35.0 52.6



#52

Toluene

Concen: 18.447 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061612.D

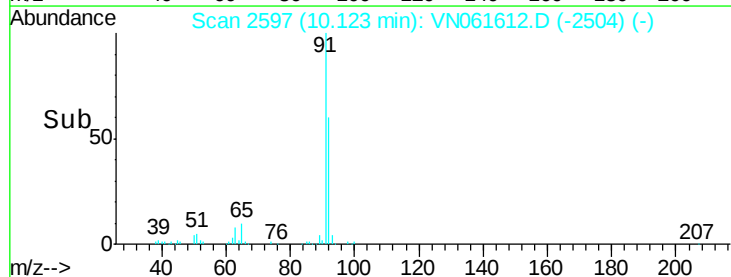
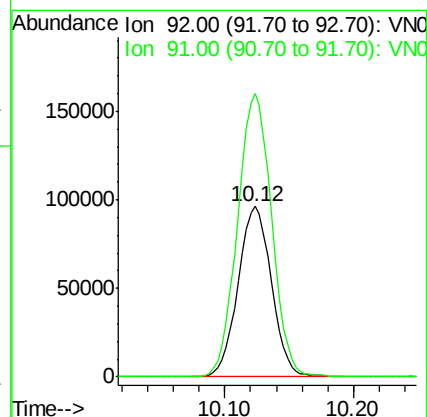
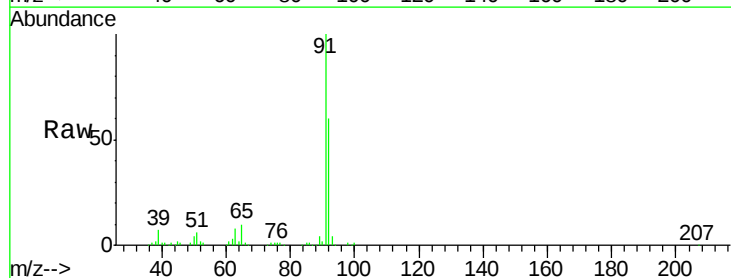
Acq: 2 Jun 2020 11:51

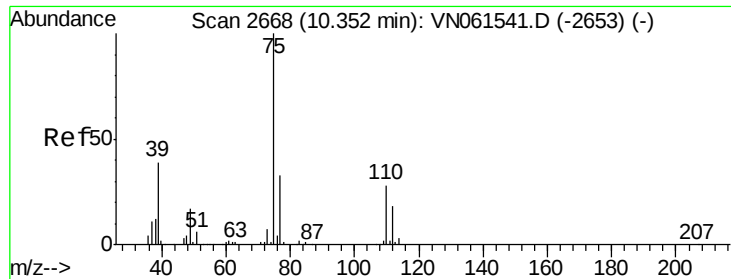
Tgt Ion: 92 Resp: 173679

Ion Ratio Lower Upper

92 100

91 169.8 136.4 204.6

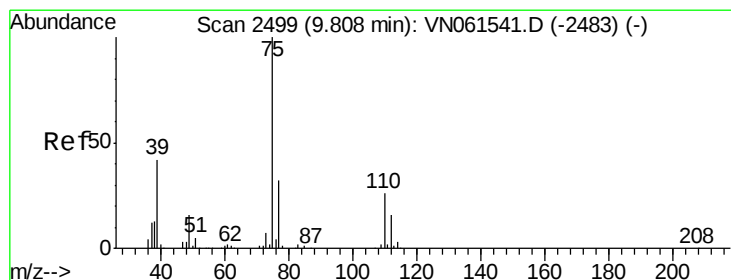
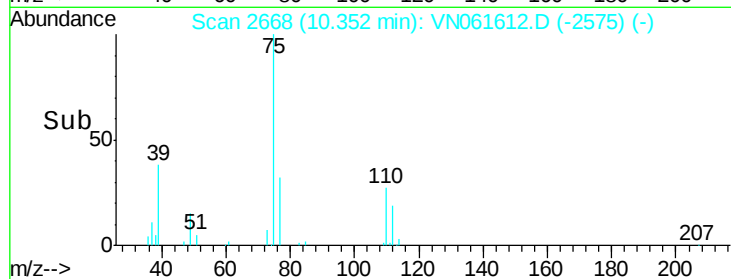
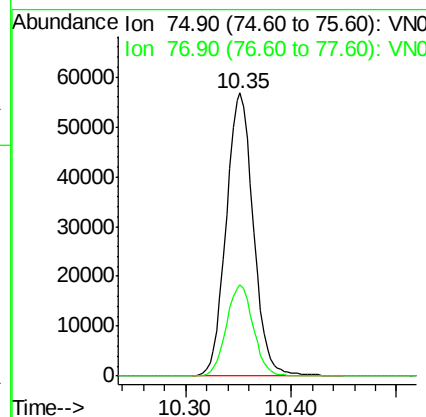
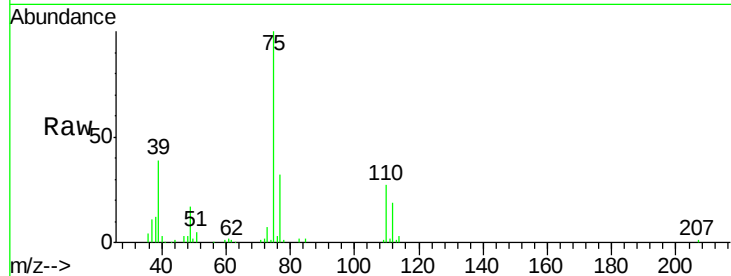




#53
t-1,3-Dichloropropene
Concen: 18.086 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

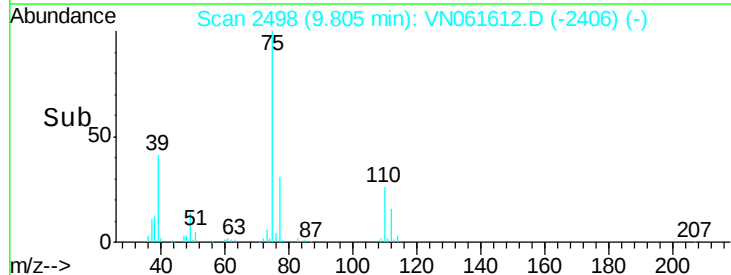
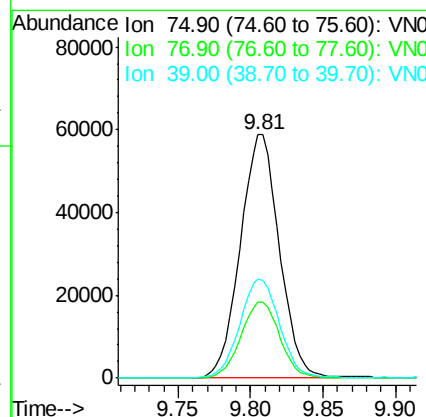
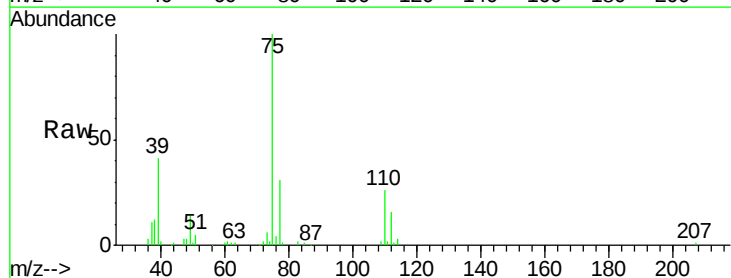
Instrument :
MSVOA_N
ClientSampled :

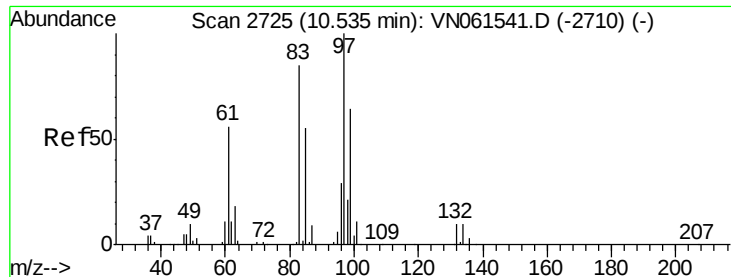
Tot Ion: 75 Resp: 101401
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.4



#54
cis-1,3-Dichloropropene
Concen: 18.271 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion: 75 Resp: 110147
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 40.7 33.8 50.6

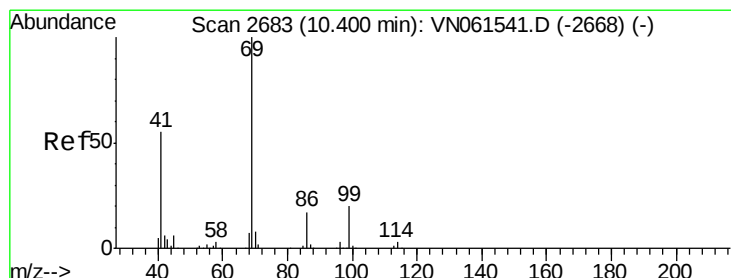
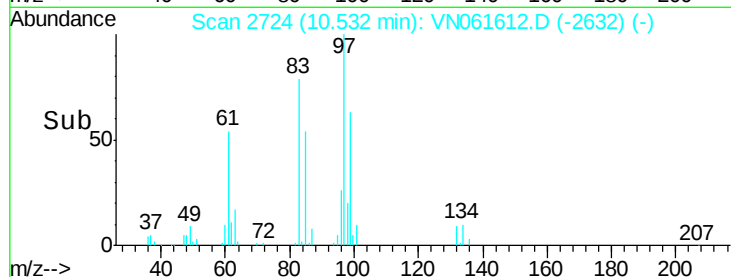
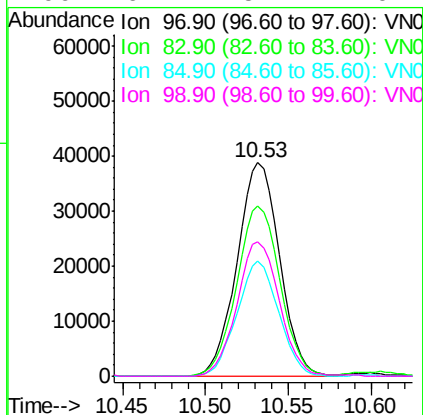
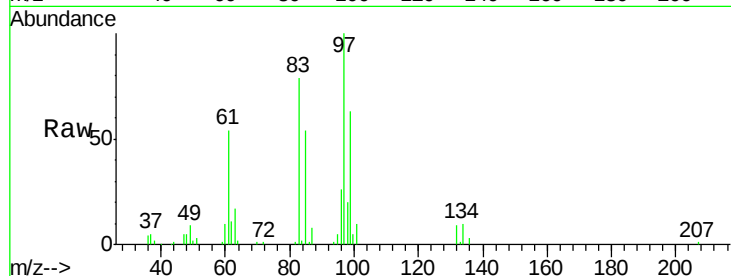




#55
 1,1,2-Trichloroethane
 Concen: 18.493 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

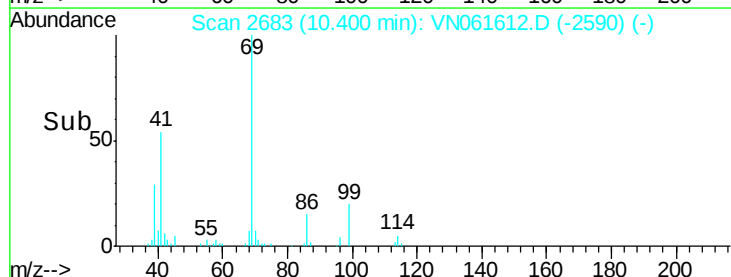
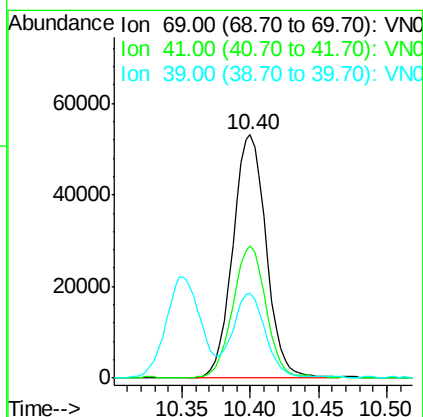
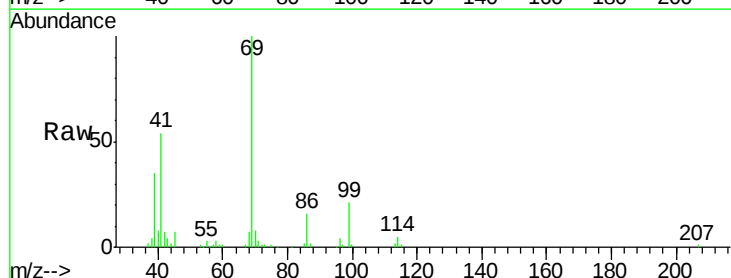
Instrument :
 MSVOA_N
 ClientSampleId :

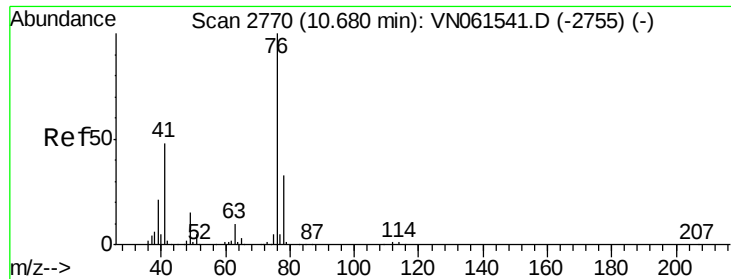
Tot Ion:	97	Resp:	69365
Ion	Ratio	Lower	Upper
97	100		
83	79.5	68.1	102.1
85	53.8	44.1	66.1
99	62.7	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 17.224 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

Tgt Ion:	69	Resp:	90250
Ion	Ratio	Lower	Upper
69	100		
41	54.6	43.5	65.3
39	34.0	27.0	40.6

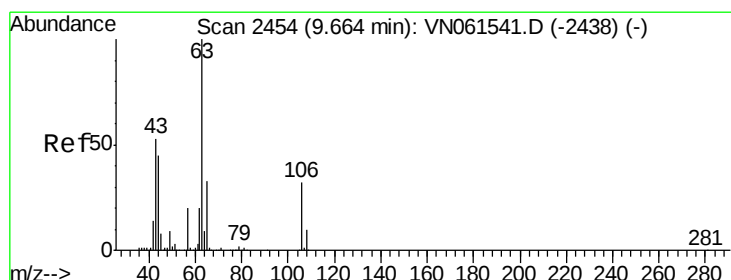
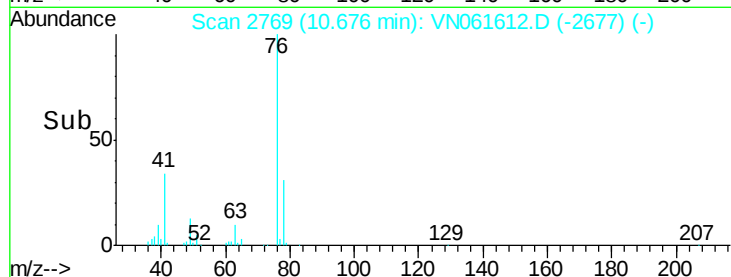
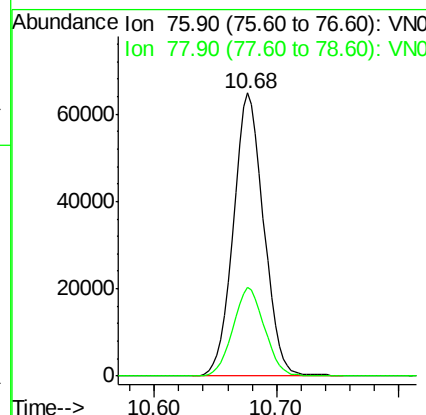
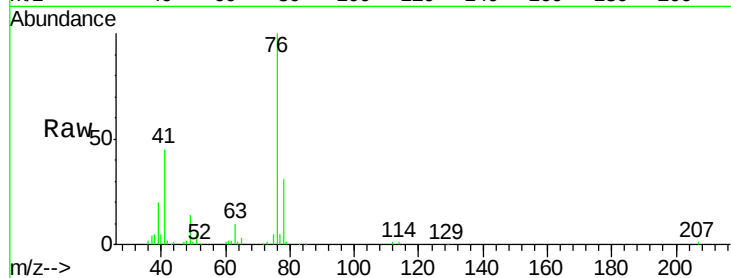




#57
 1,3-Dichloropropane
 Concen: 18.720 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

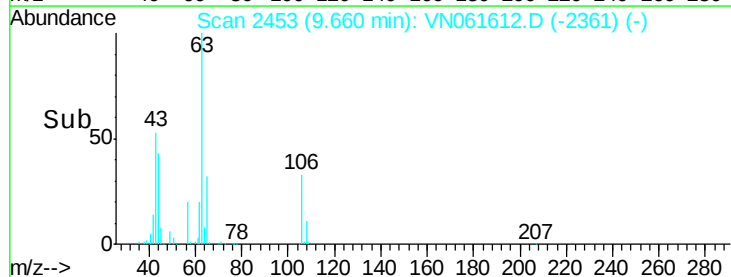
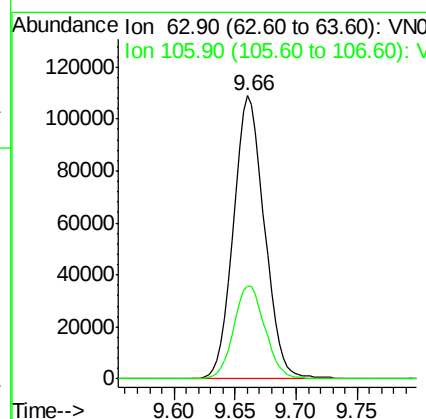
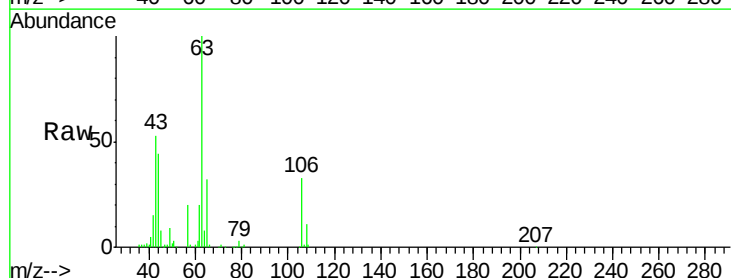
Instrument :
 MSVOA_N
 ClientSampleId :

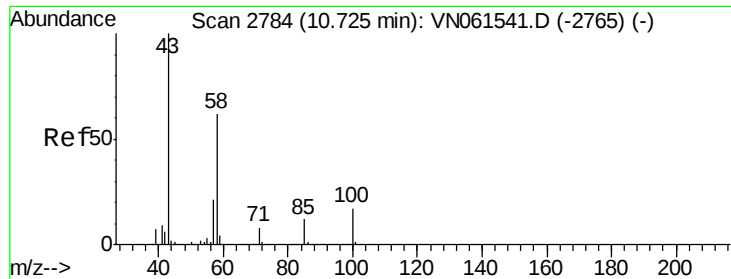
Tot Ion: 76 Resp: 112301
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.297 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

Tgt Ion: 63 Resp: 193233
 Ion Ratio Lower Upper
 63 100
 106 33.2 25.9 38.9

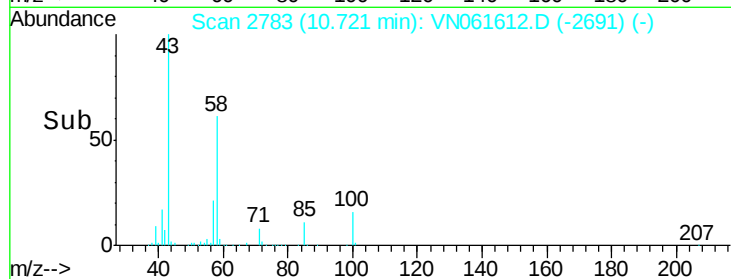
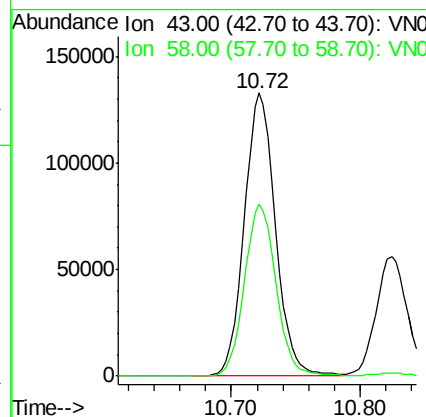
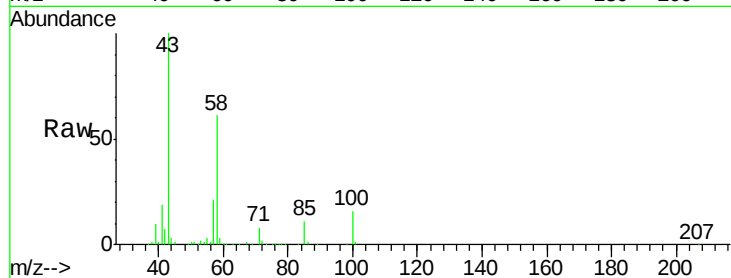




#59
2-Hexanone
Concen: 81.428 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

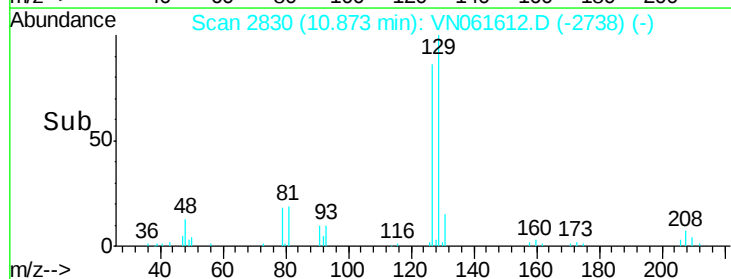
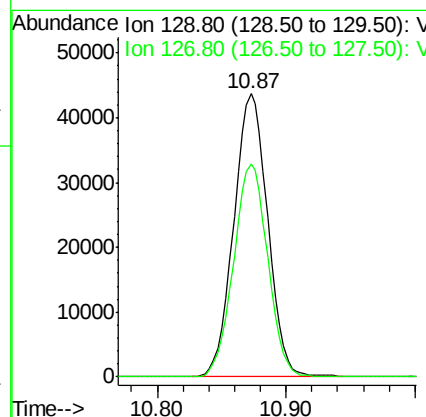
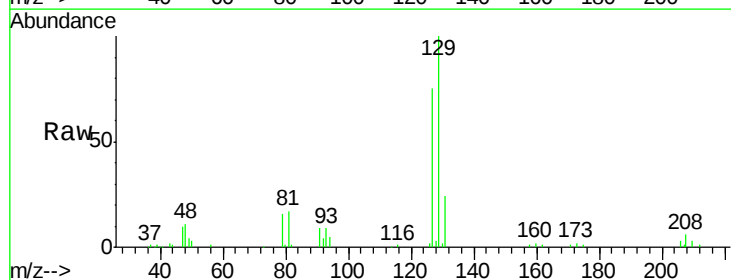
Instrument :
MSVOA_N
ClientSampled :

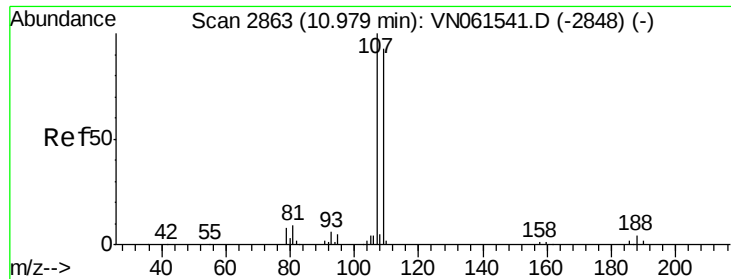
Tot Ion: 43 Resp: 223250
Ion Ratio Lower Upper
43 100
58 61.7 30.7 92.1



#60
Dibromochloromethane
Concen: 18.675 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion: 129 Resp: 79637
Ion Ratio Lower Upper
129 100
127 75.6 38.8 116.3

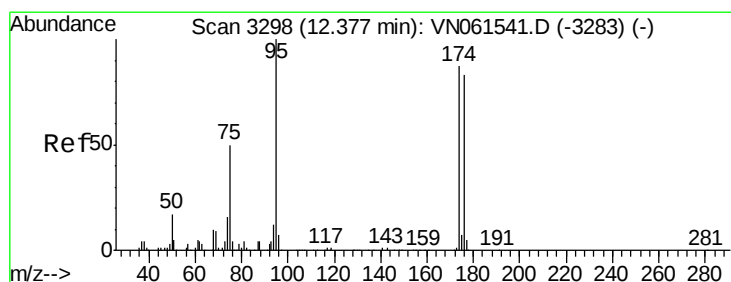
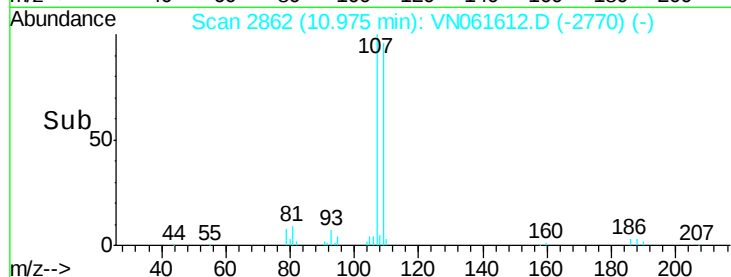
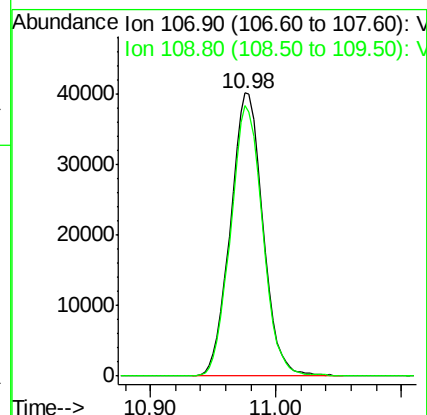
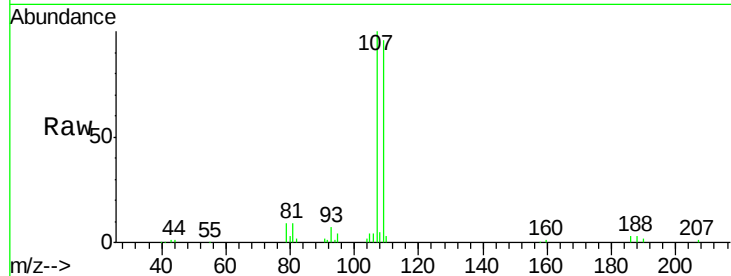




#61
 1,2-Dibromoethane
 Concen: 18.439 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

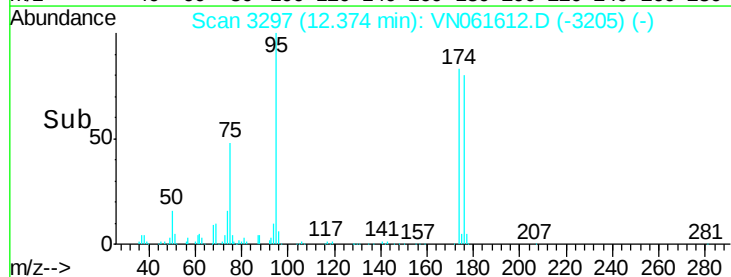
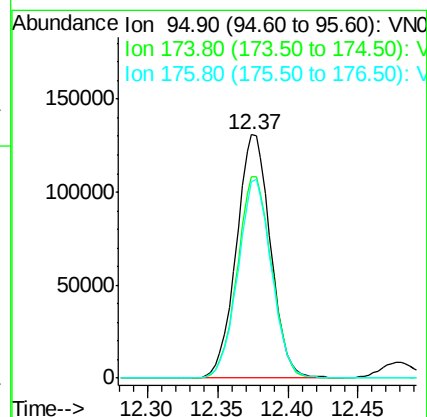
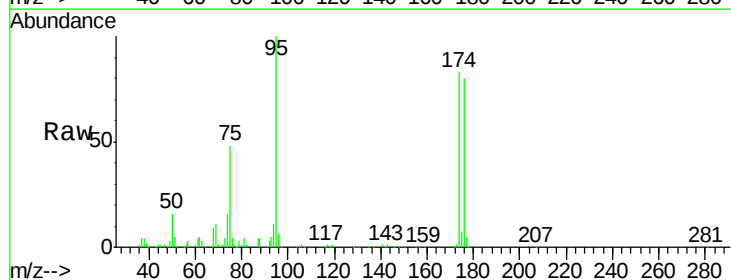
Instrument :
 MSVOA_N
 ClientSampleId :

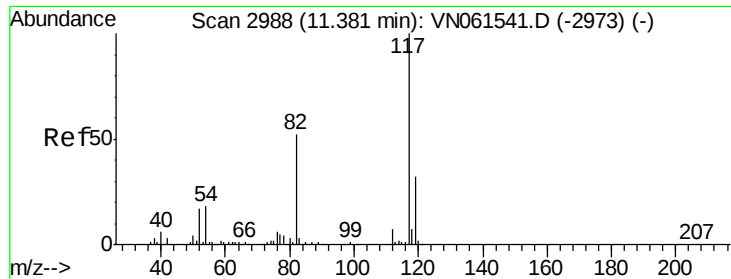
Tot Ion: 107 Resp: 72133
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 48.999 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

Tgt Ion: 95 Resp: 221933
 Ion Ratio Lower Upper
 95 100
 174 83.3 0.0 172.8
 176 80.4 0.0 164.8

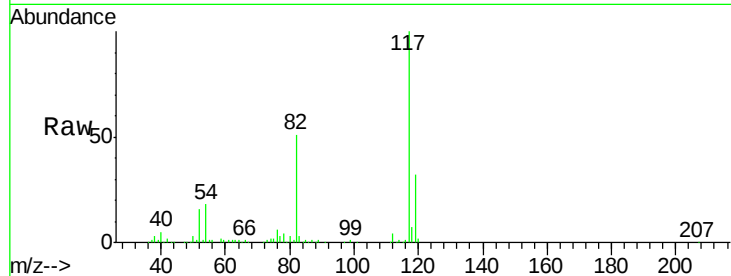




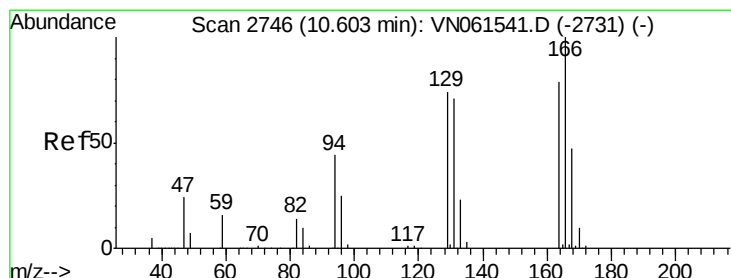
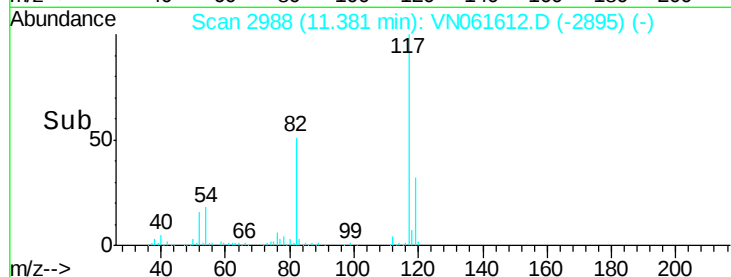
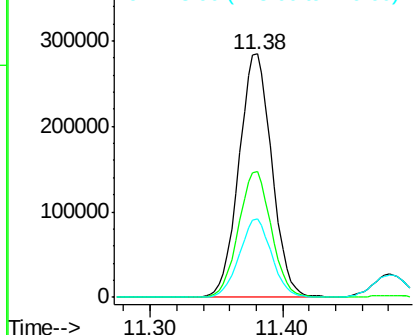
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 490062
Ion Ratio Lower Upper
117 100
82 51.4 41.5 62.3
119 32.1 25.6 38.4

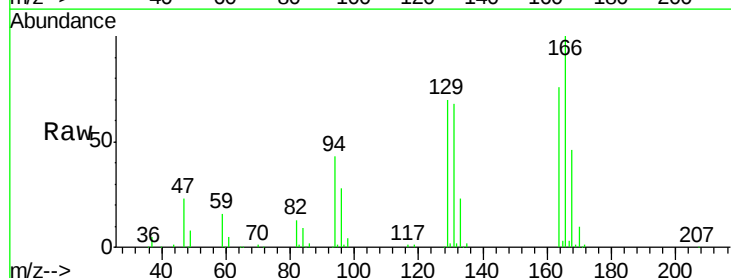


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

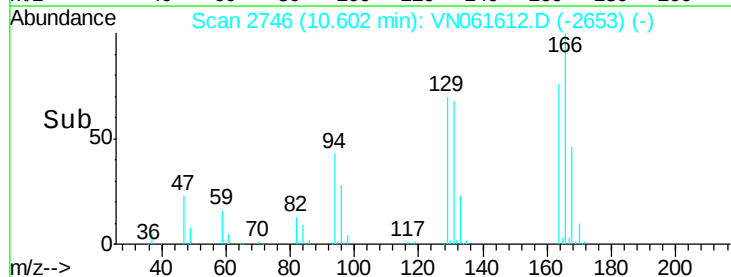
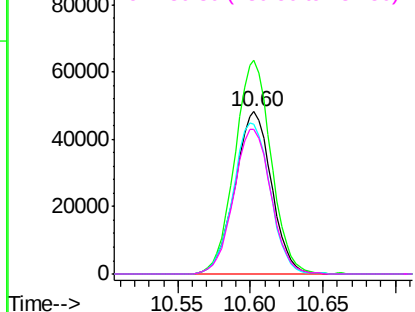


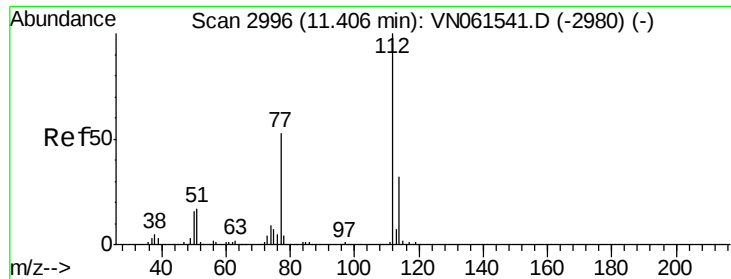
#64
Tetrachloroethene
Concen: 18.376 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion:164 Resp: 84769
Ion Ratio Lower Upper
164 100
166 131.7 101.5 152.3
129 92.2 74.9 112.3
131 89.3 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: 18.359 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

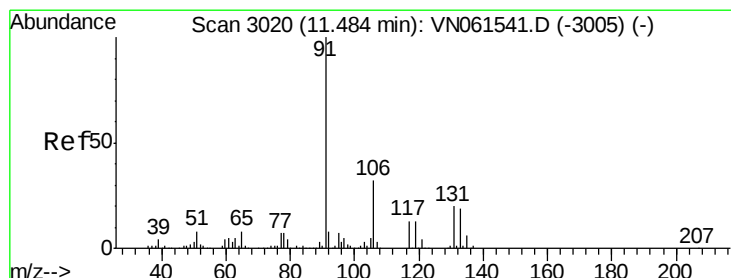
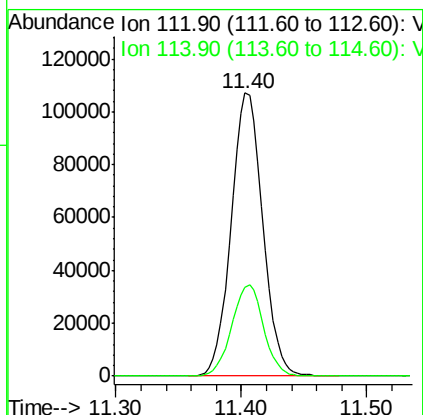
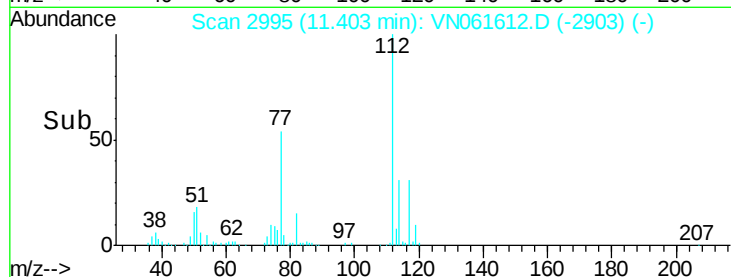
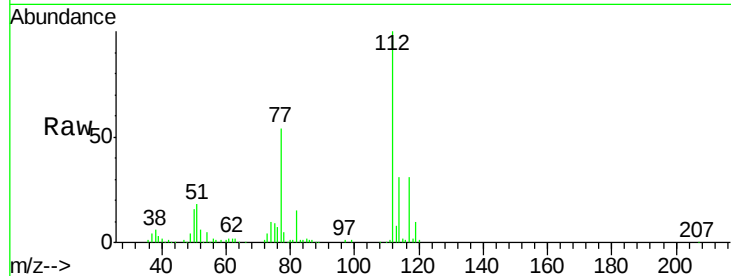
ClientSampled :

Tot Ion:112 Resp: 187013

Ion Ratio Lower Upper

112 100

114 31.3 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 18.801 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

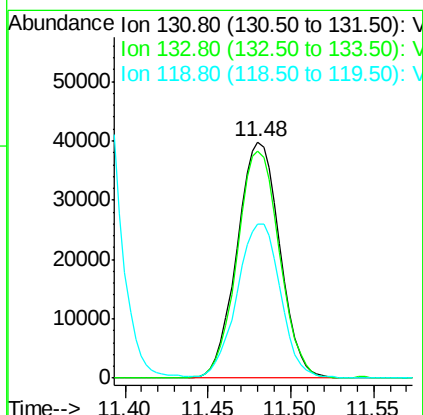
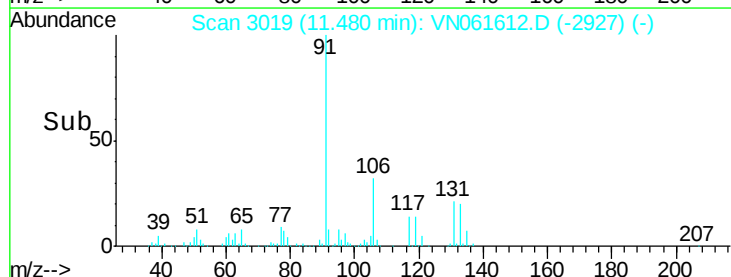
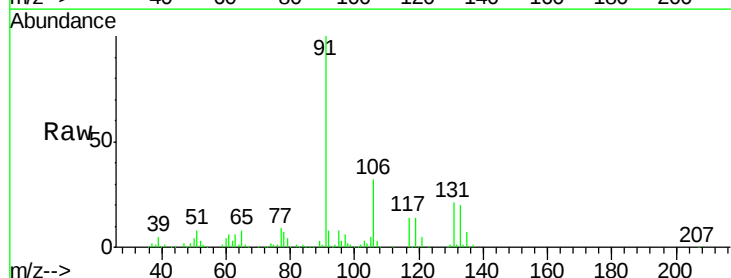
Tgt Ion:131 Resp: 71313

Ion Ratio Lower Upper

131 100

133 95.7 47.4 142.2

119 66.6 32.6 97.8

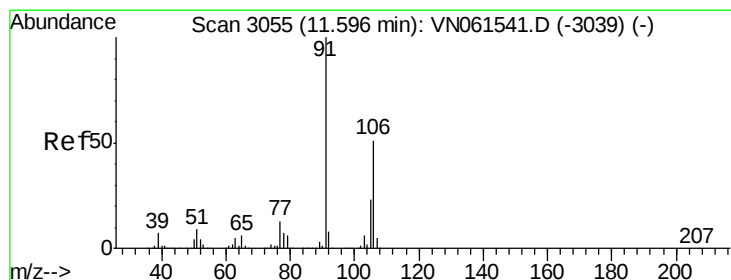
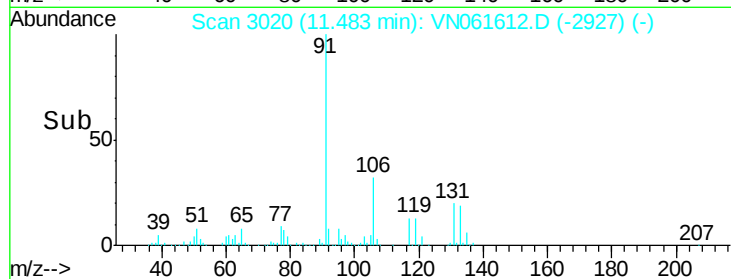
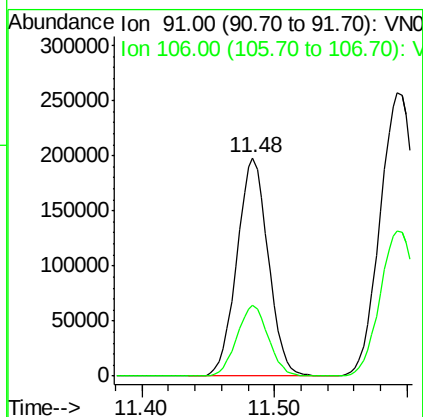
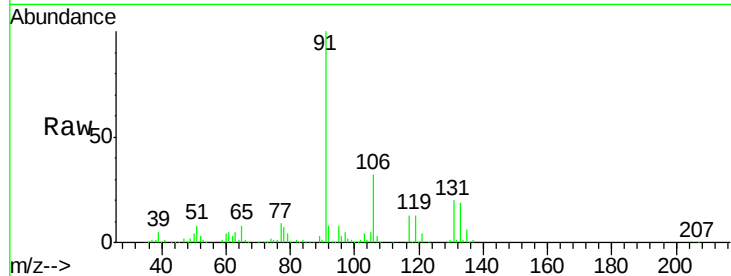




#67
Ethyl Benzene
Concen: 18.420 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

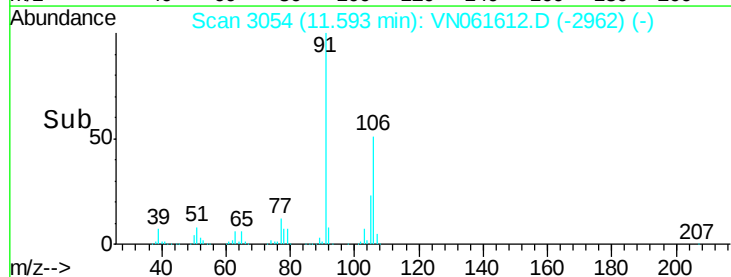
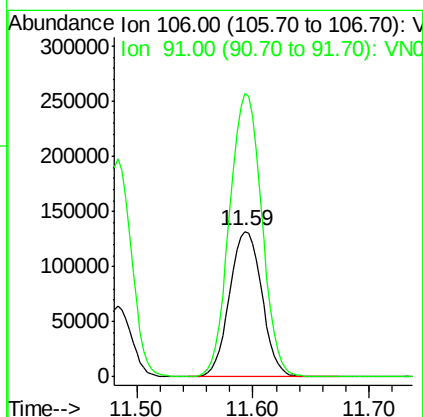
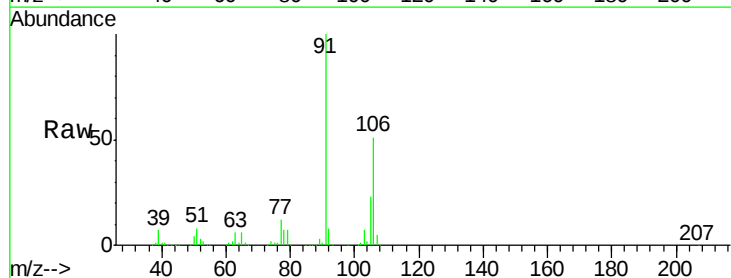
Instrument :
MSVOA_N
ClientSampleId :

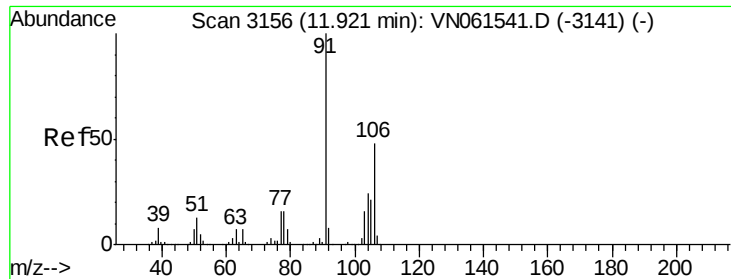
Tot Ion: 91 Resp: 324314
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4



#68
m/p-Xylenes
Concen: 36.729 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion: 106 Resp: 256407
Ion Ratio Lower Upper
106 100
91 194.0 156.2 234.4

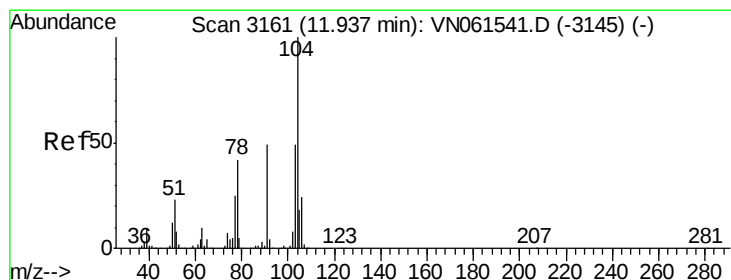
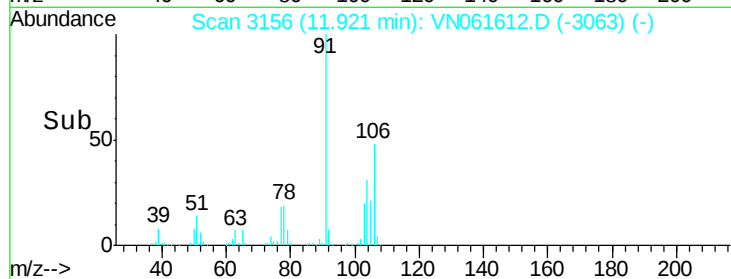
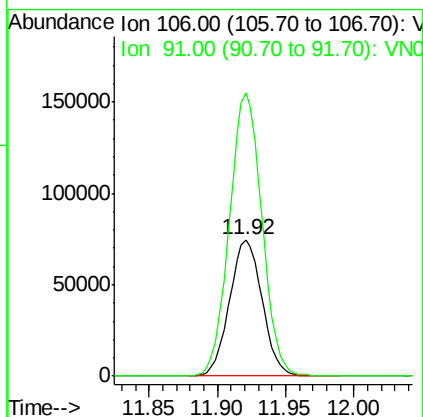
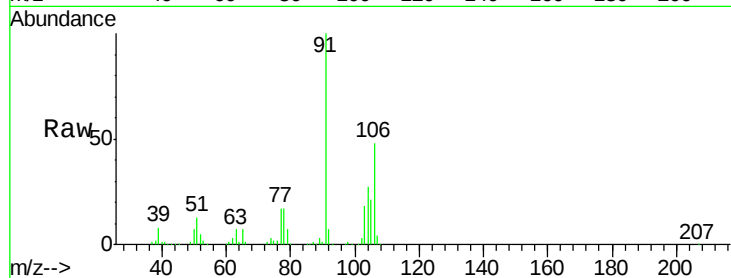




#69
o-Xylene
Concen: 18.660 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

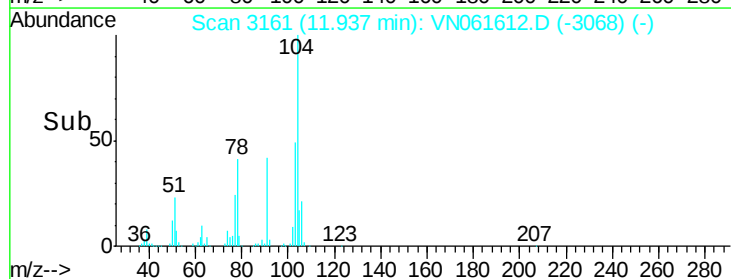
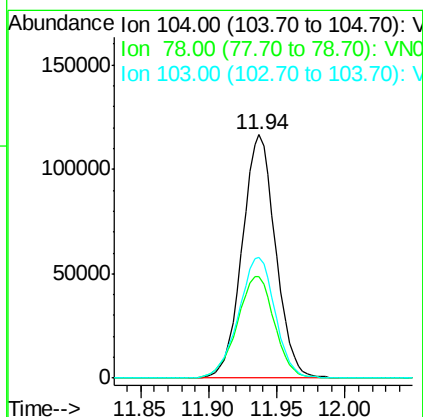
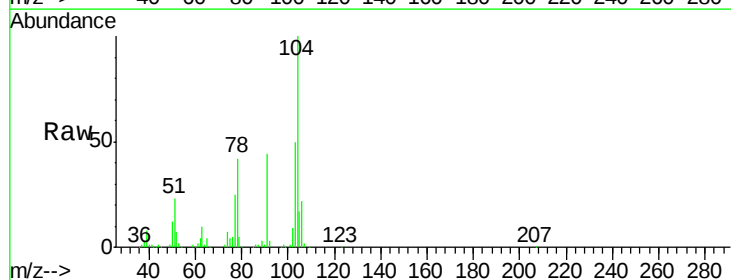
Instrument :
MSVOA_N
ClientSampleId :

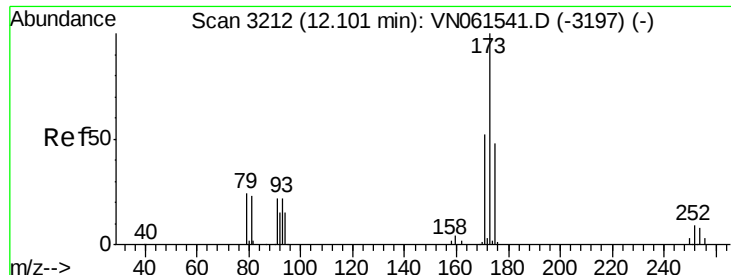
Tot Ion:106 Resp: 123729
Ion Ratio Lower Upper
106 100
91 207.0 103.3 309.8



#70
Styrene
Concen: 18.069 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion:104 Resp: 198406
Ion Ratio Lower Upper
104 100
78 46.8 37.4 56.0
103 54.6 42.3 63.5





#71

Bromoform

Concen: 17.230 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

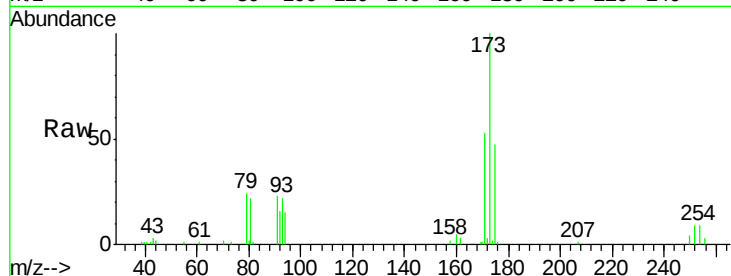
Tot Ion:173 Resp: 50359

Ion Ratio Lower Upper

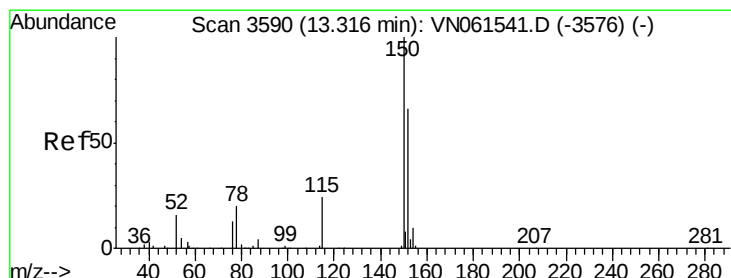
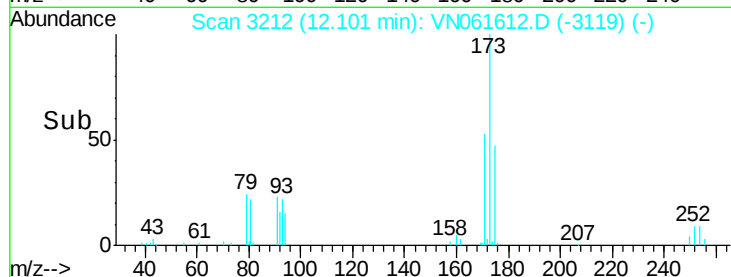
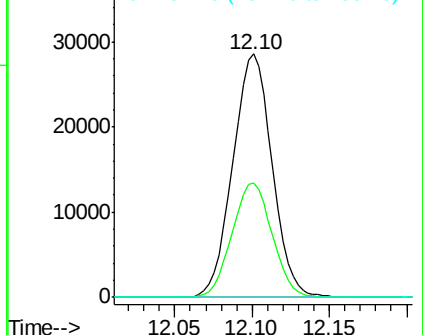
173 100

175 47.9 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: VN061612.D

Acq: 2 Jun 2020 11:51

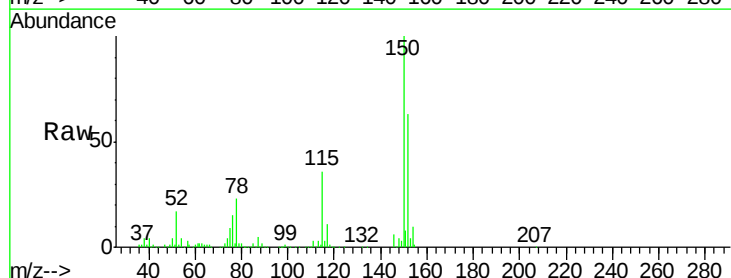
Tgt Ion:152 Resp: 238613

Ion Ratio Lower Upper

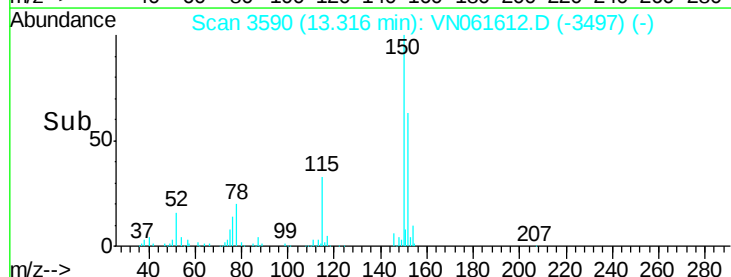
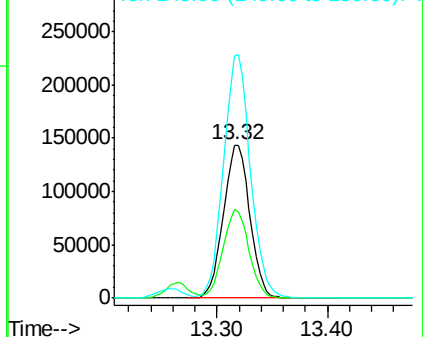
152 100

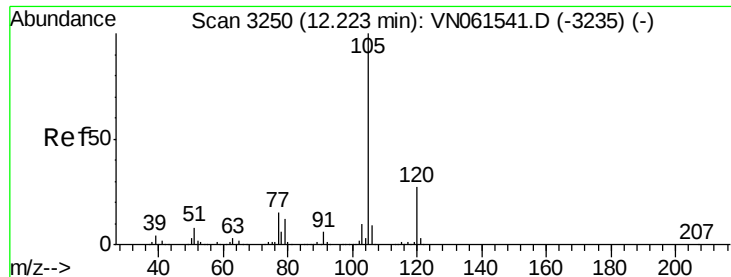
115 56.8 28.0 84.0

150 162.8 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: 18.775 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

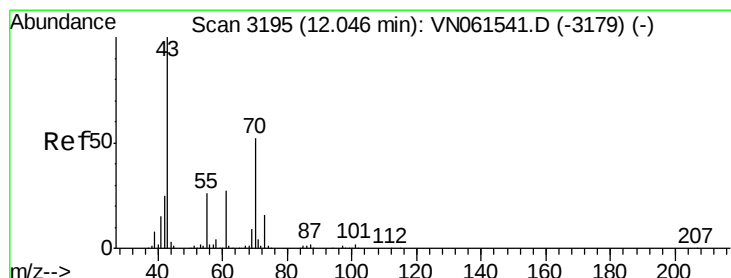
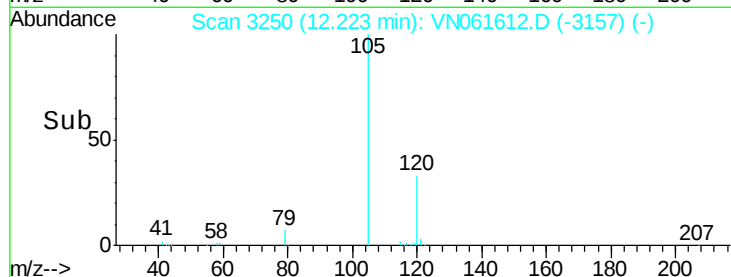
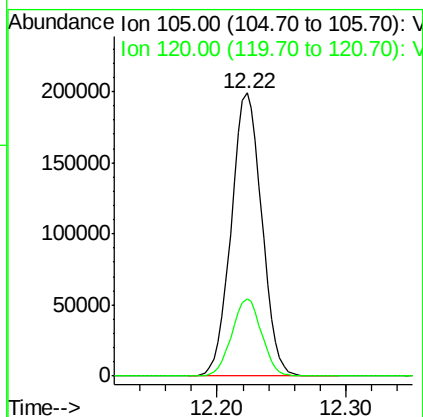
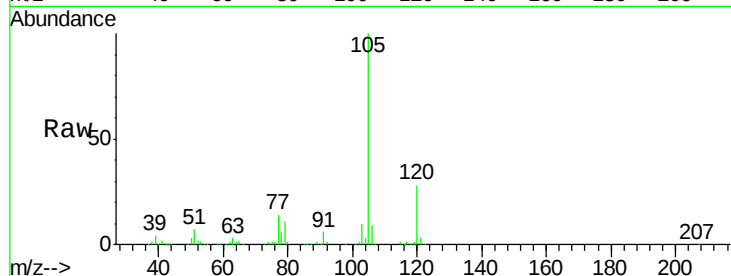
ClientSampleId :

Tot Ion:105 Resp: 326970

Ion Ratio Lower Upper

105 100

120 26.7 13.8 41.3



#74

N-ethyl acetate

Concen: 16.387 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Tgt Ion: 43 Resp: 89876

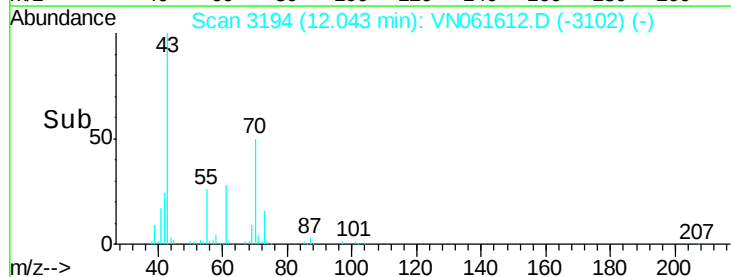
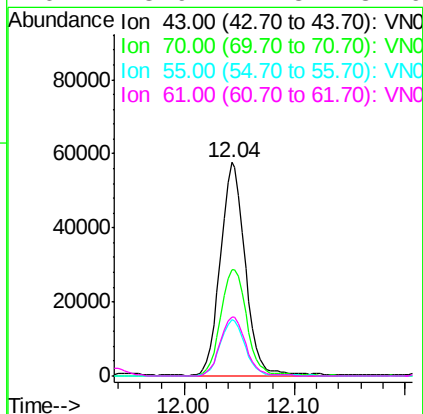
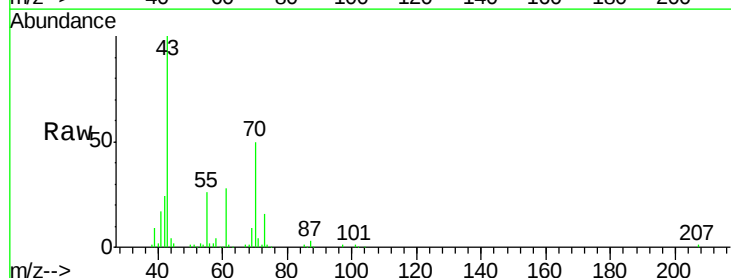
Ion Ratio Lower Upper

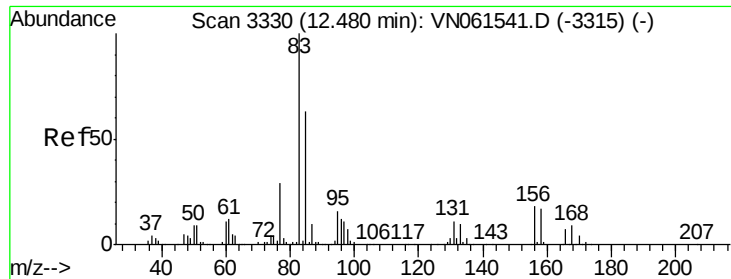
43 100

70 53.0 40.5 60.7

55 26.5 20.6 31.0

61 28.9 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.772 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

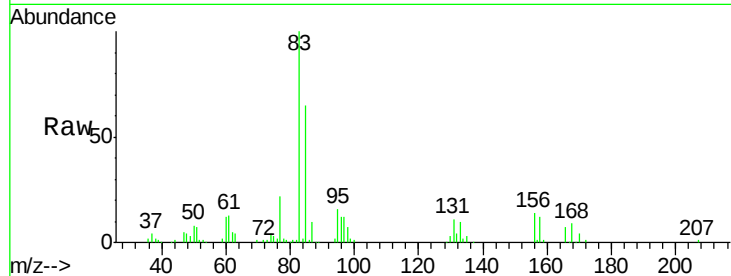
Tot Ion: 83 Resp: 86734

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

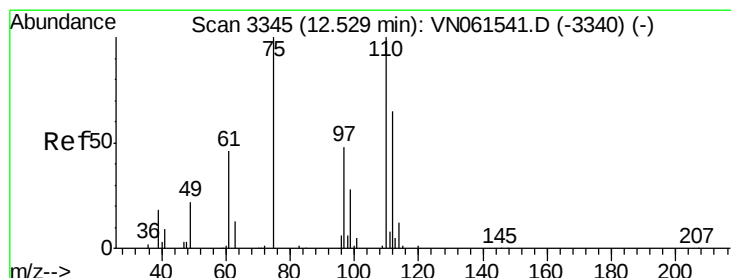
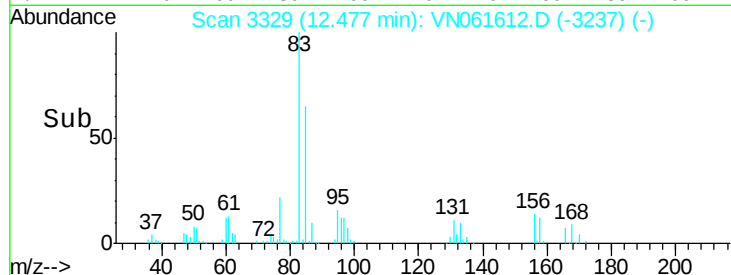
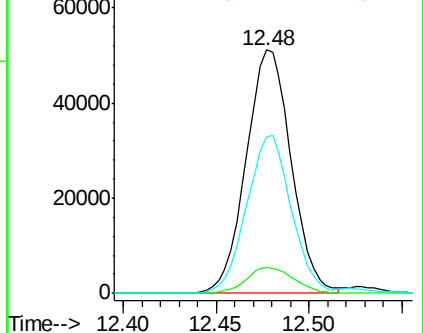
85 64.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061612.D (-3327) (-)

Ion 130.80 (130.50 to 131.50): VN061612.D (-3327) (-)

Ion 84.90 (84.60 to 85.60): VN061612.D (-3327) (-)



#76

1,2,3-Trichloropropane

Concen: 25.832 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061612.D

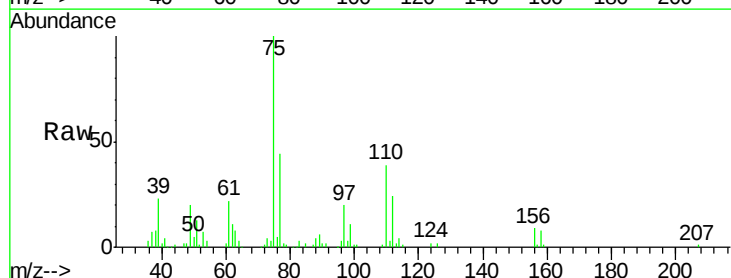
Acq: 2 Jun 2020 11:51

Tgt Ion: 75 Resp: 112081

Ion Ratio Lower Upper

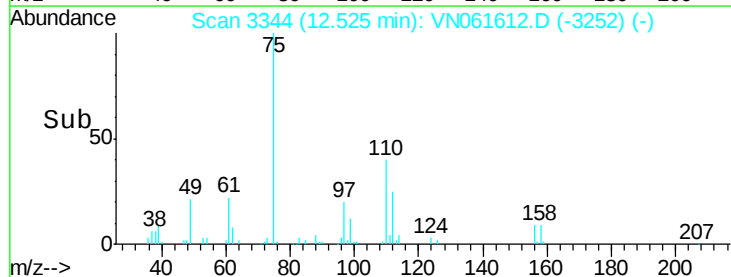
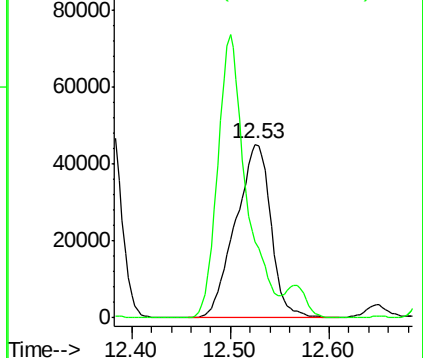
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061612.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061612.D (-3252) (-)





#77

Bromobenzene

Concen: 18.705 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

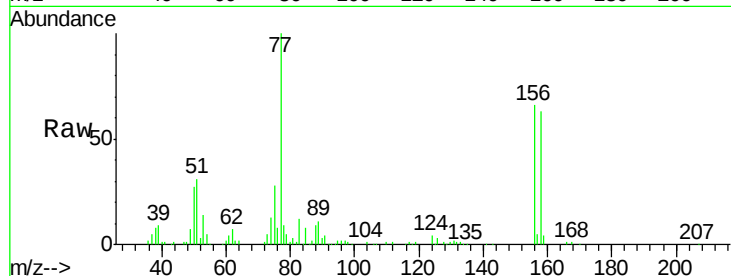
Tot Ion:156 Resp: 83154

Ion Ratio Lower Upper

156 100

77 180.3 90.9 272.7

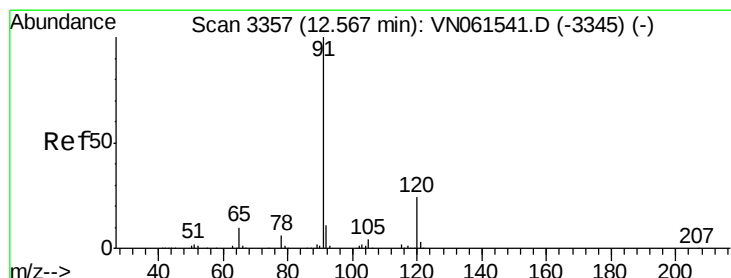
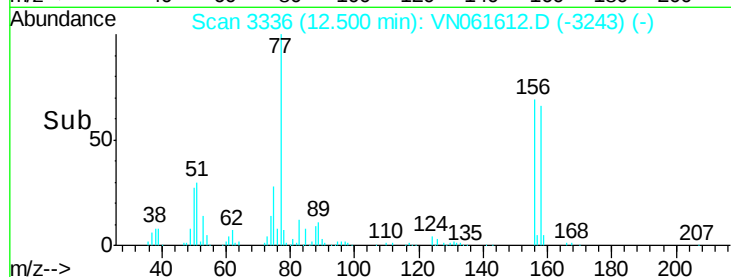
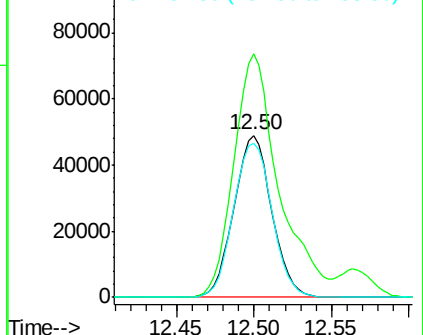
158 97.5 48.4 145.3



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: 18.470 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061612.D

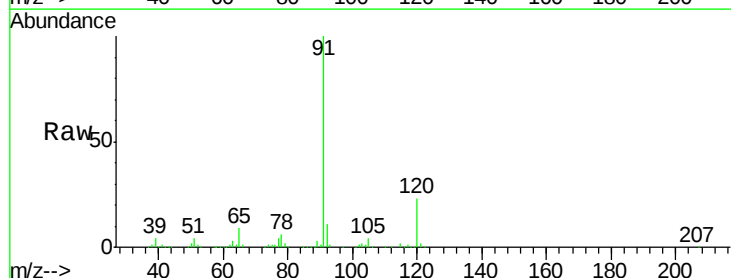
Acq: 2 Jun 2020 11:51

Tgt Ion: 91 Resp: 359111

Ion Ratio Lower Upper

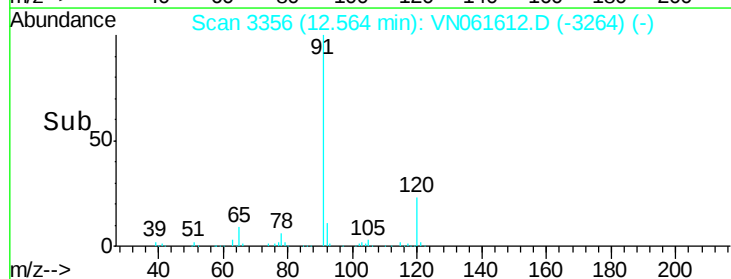
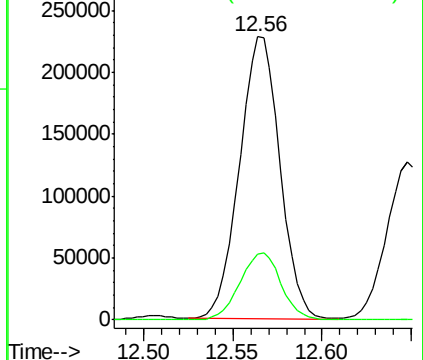
91 100

120 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

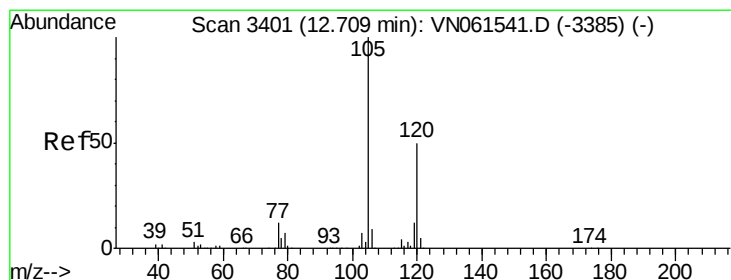
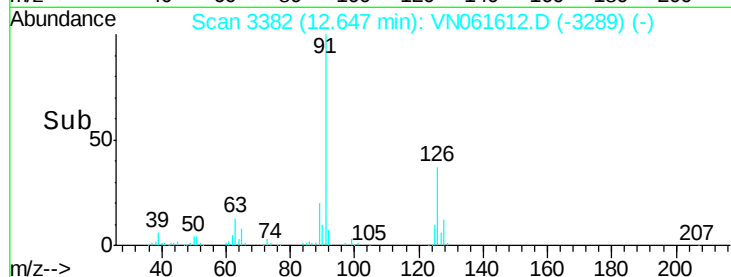
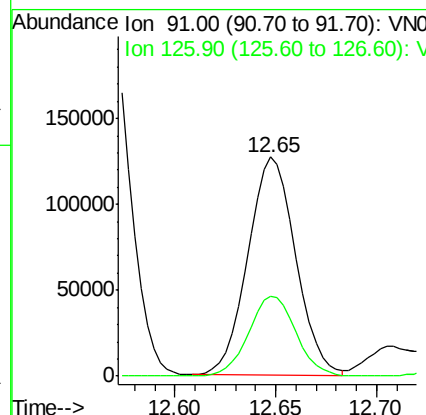
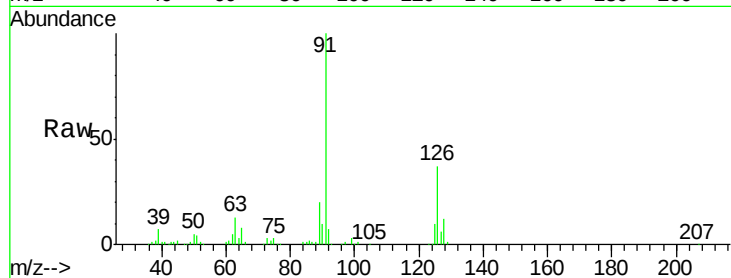




#79
 2-Chlorotoluene
 Concen: 18.104 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

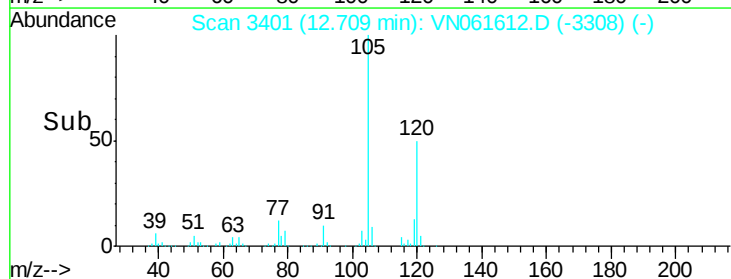
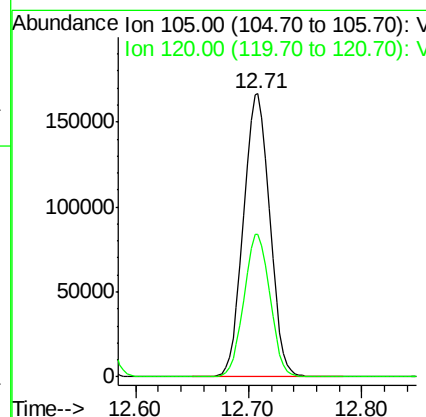
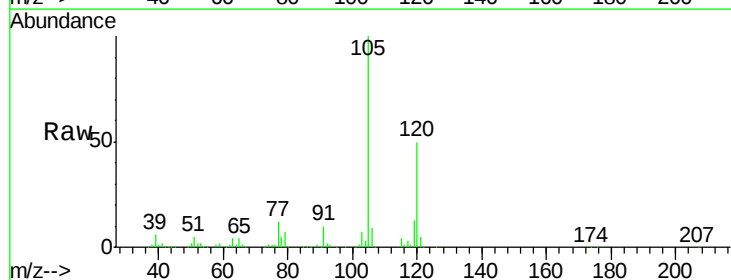
Instrument :
 MSVOA_N
 ClientSampled :

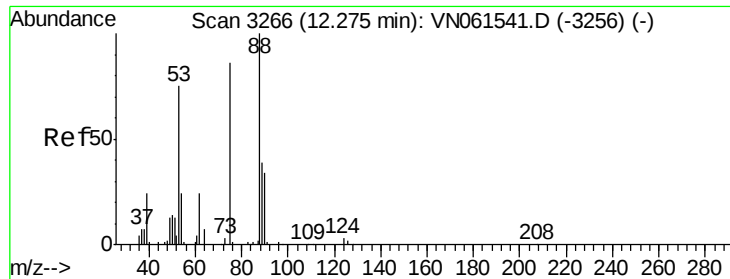
Tot Ion: 91 Resp: 209881
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.673 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

Tgt Ion: 105 Resp: 271813
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.1 75.2

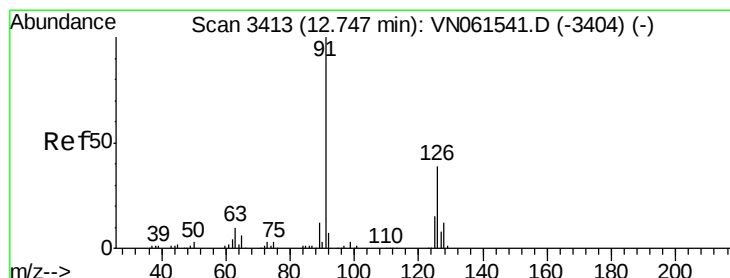
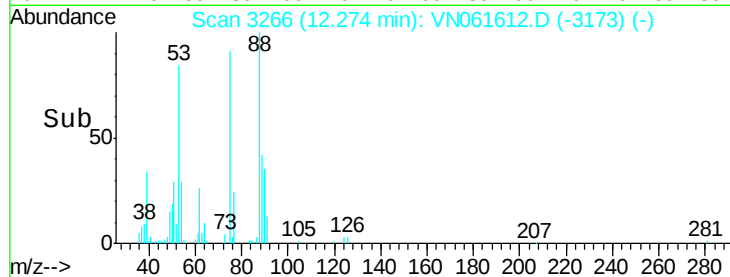
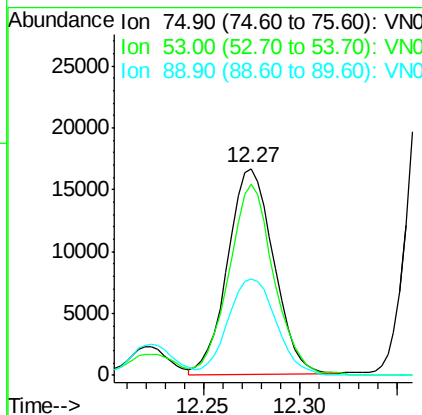
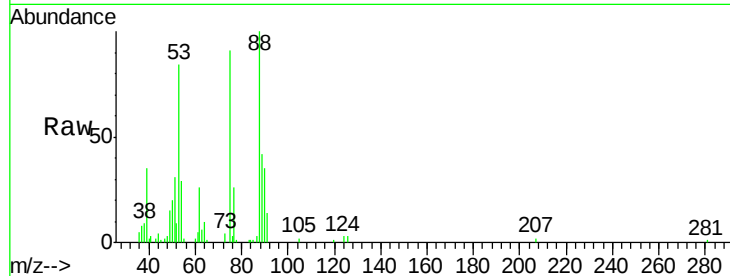




#81
trans-1,4-Dichloro-2-butene
Concen: 16.127 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

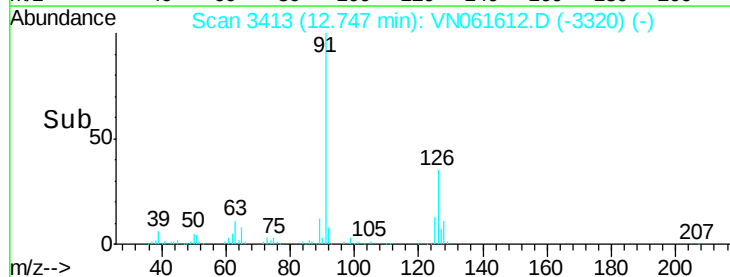
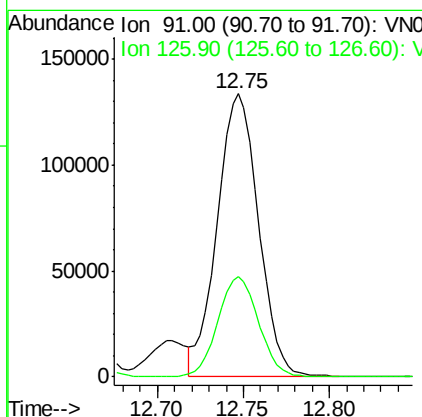
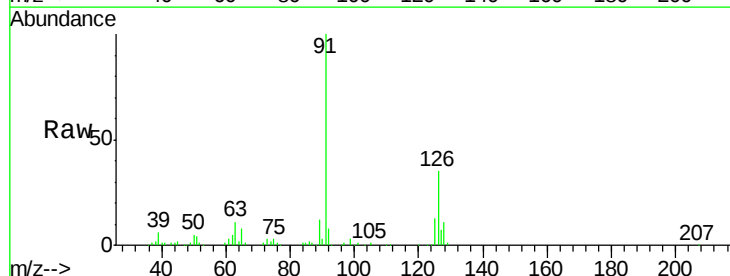
Instrument :
MSVOA_N
ClientSampled :

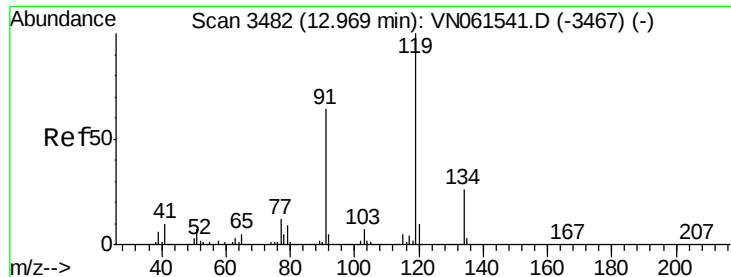
Tot Ion: 75 Resp: 27363
Ion Ratio Lower Upper
75 100
53 91.6 67.8 101.8
89 49.5 37.1 55.7



#82
4-Chlorotoluene
Concen: 18.168 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion: 91 Resp: 221574
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.6

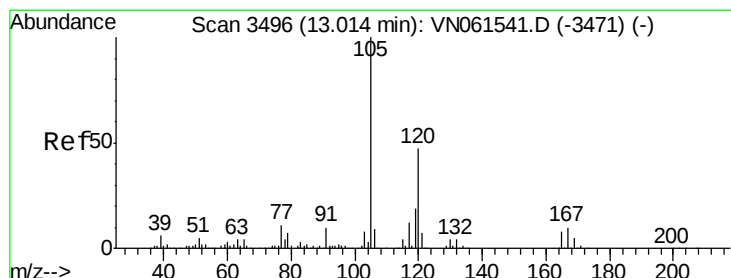
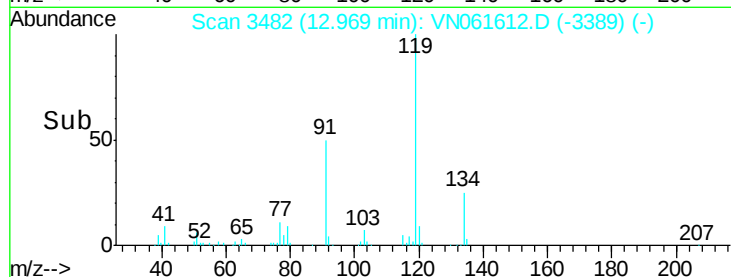
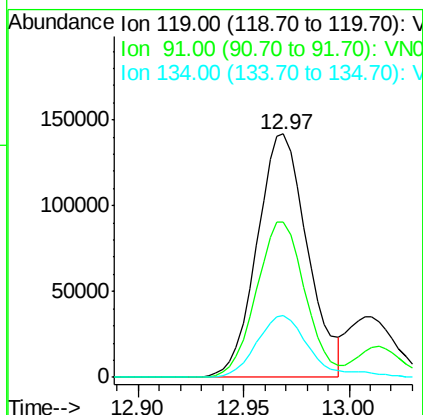
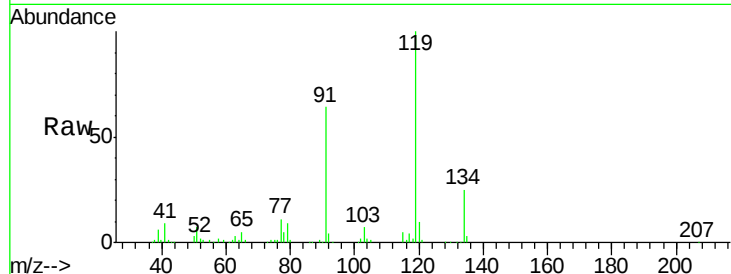




#83
tert-Butylbenzene
Concen: 18.397 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

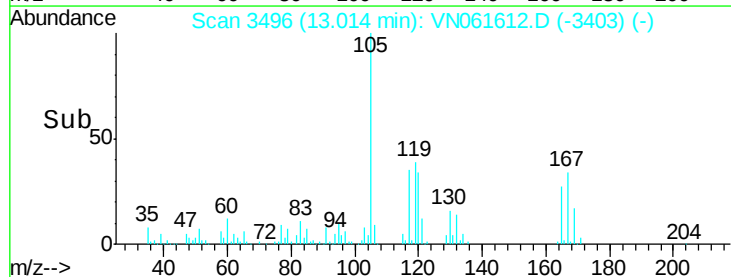
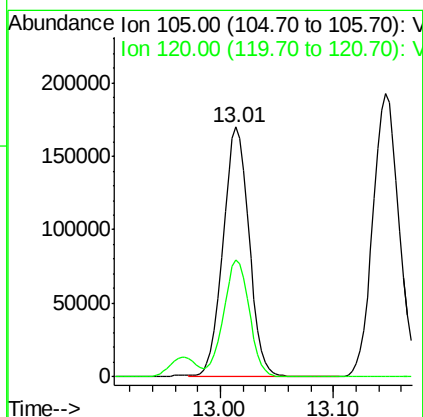
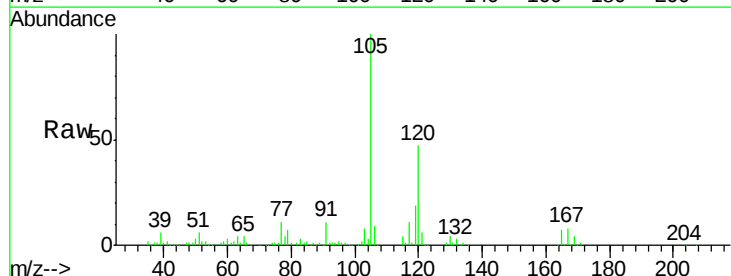
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 236606
Ion Ratio Lower Upper
119 100
91 61.8 31.3 93.8
134 26.8 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 18.697 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion:105 Resp: 270373
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 18.569 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

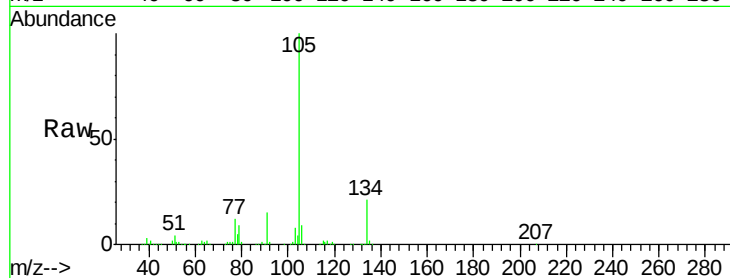
ClientSampled :

Tot Ion:105 Resp: 307732

Ion Ratio Lower Upper

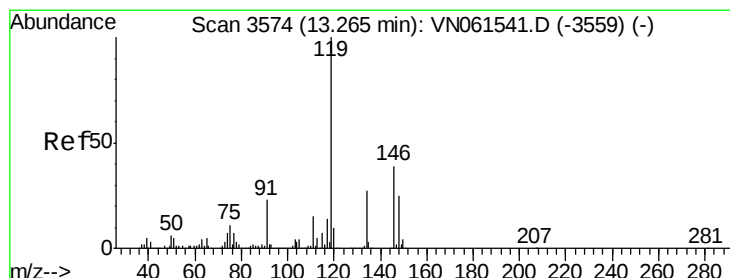
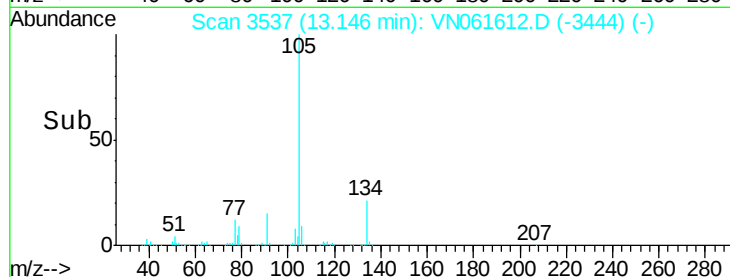
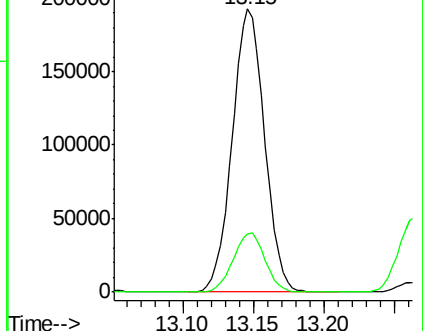
105 100

134 20.7 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: 18.603 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

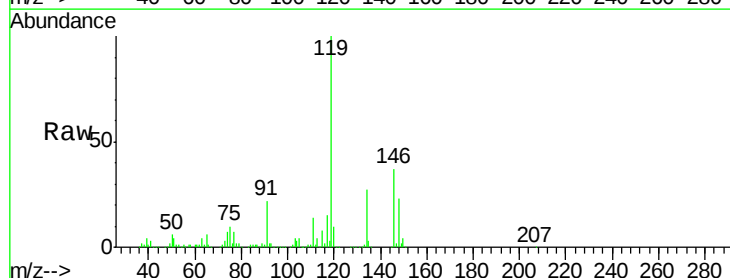
Tgt Ion:119 Resp: 283926

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

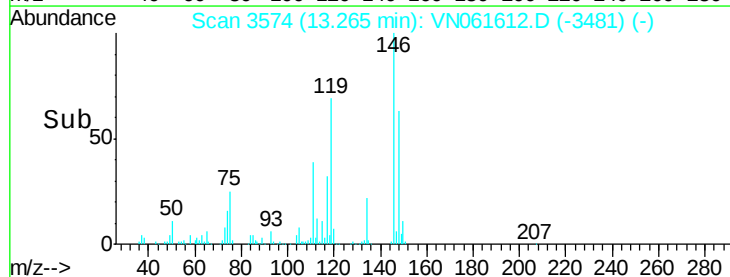
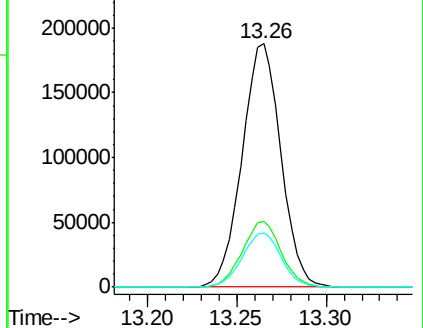
91 22.6 11.4 34.1



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

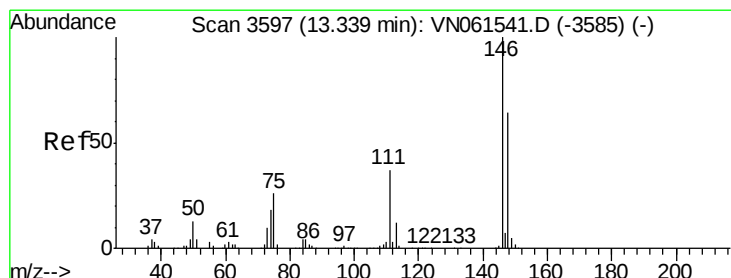
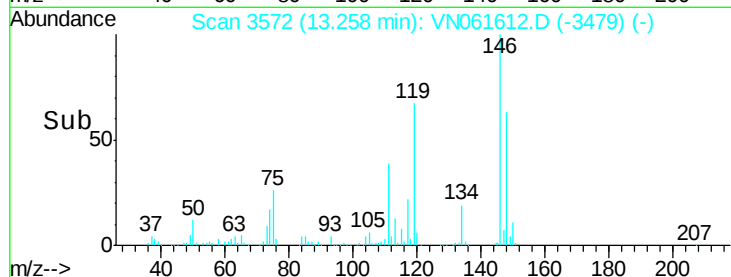
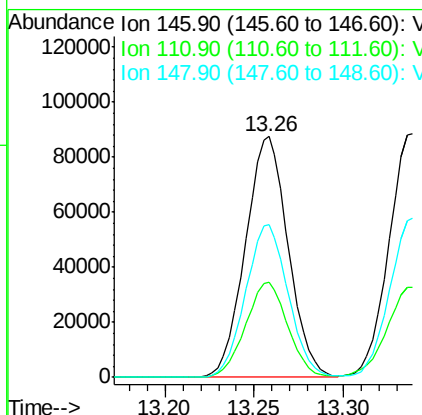
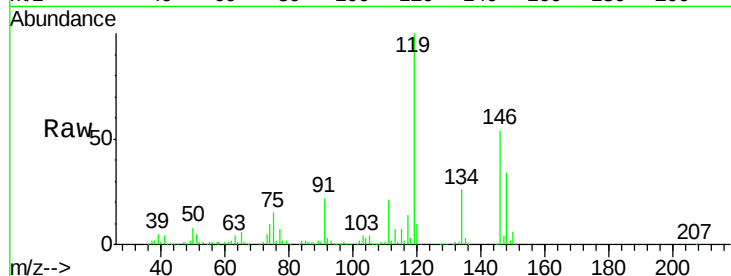




#87
 1,3-Dichlorobenzene
 Concen: 18.660 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

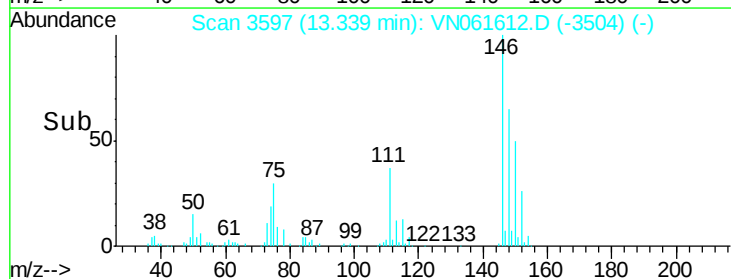
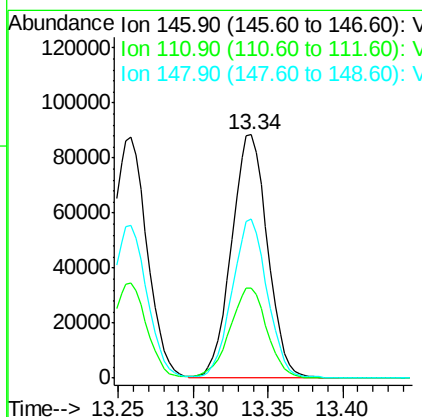
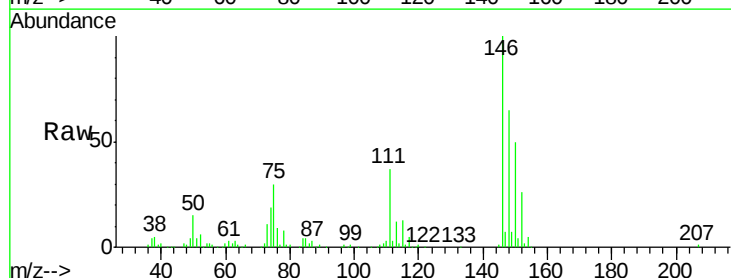
Instrument :
 MSVOA_N
 ClientSampled :

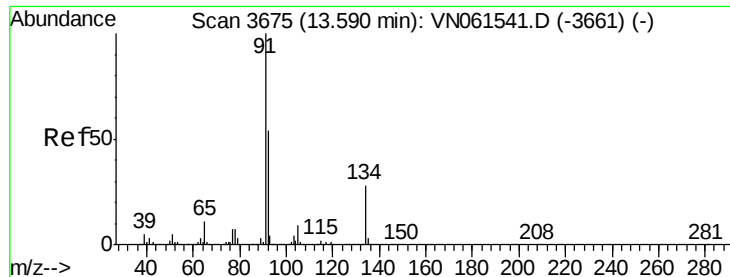
Tot Ion:146 Resp: 146890
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.2 57.6
 148 63.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.392 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

Tgt Ion:146 Resp: 147491
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.9
 148 63.9 31.8 95.3





#89

n-Butylbenzene

Concen: 18.558 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

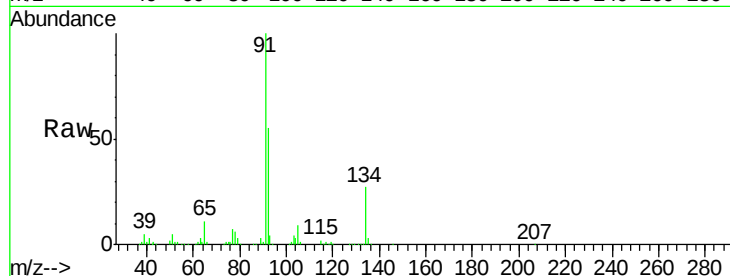
Tot Ion: 91 Resp: 237239

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.6

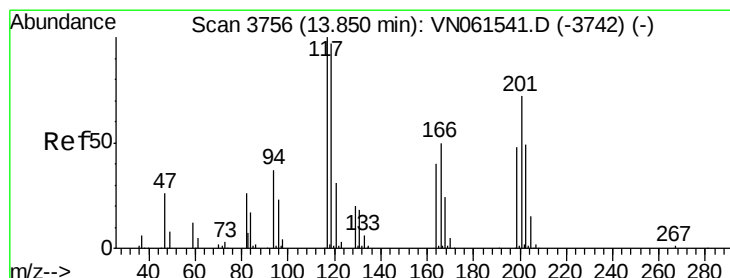
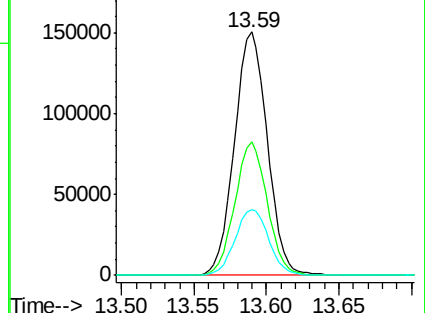
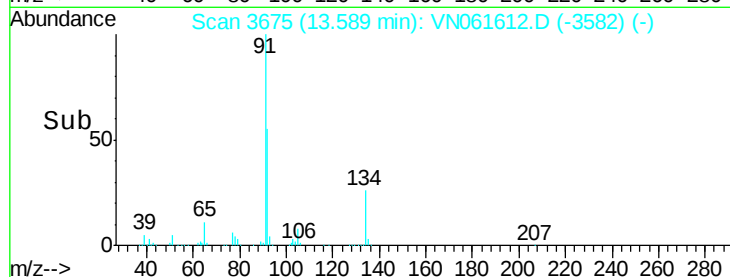
134 27.6 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)



#90

Hexachloroethane

Concen: 19.839 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN061612.D

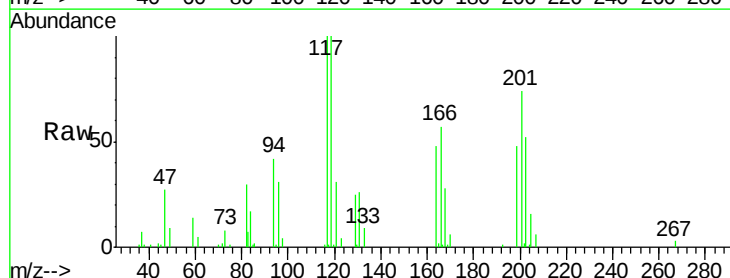
Acq: 2 Jun 2020 11:51

Tgt Ion: 117 Resp: 33486

Ion Ratio Lower Upper

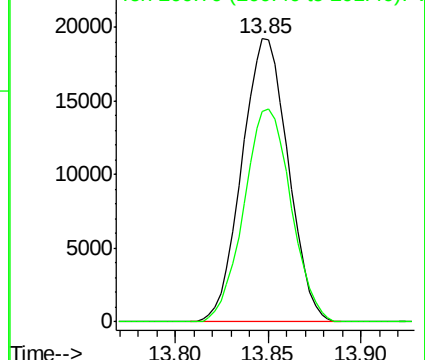
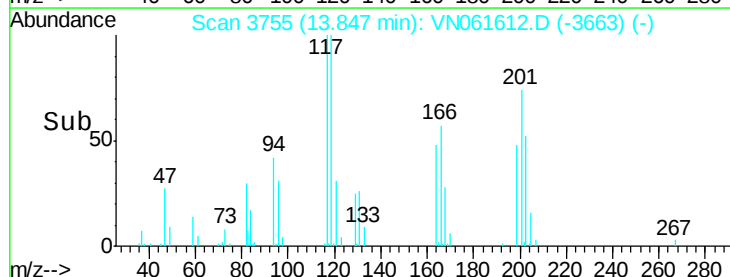
117 100

201 76.5 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 19.205 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

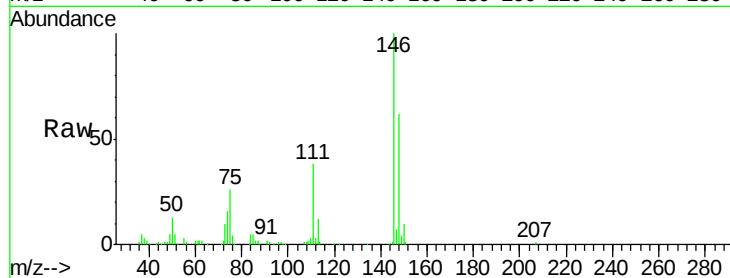
Tot Ion:146 Resp: 144478

Ion Ratio Lower Upper

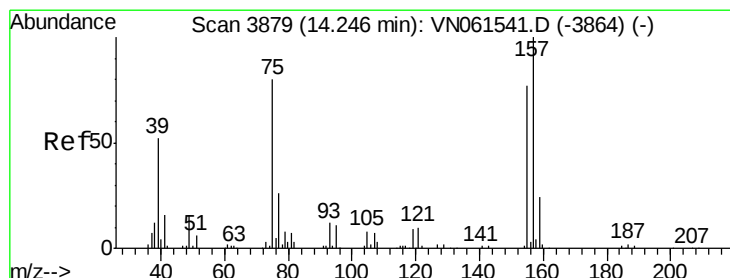
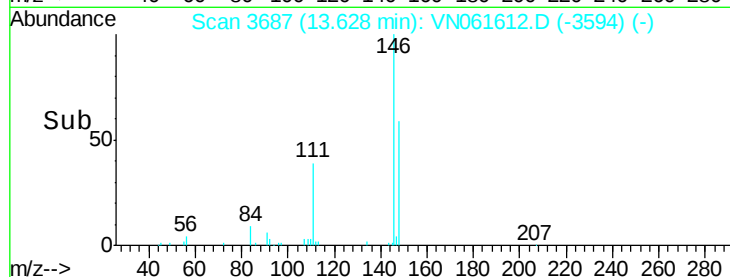
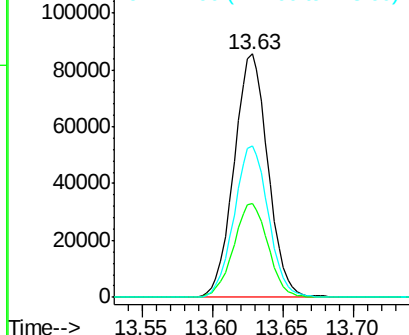
146 100

111 39.1 20.1 60.2

148 62.8 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.725 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN061612.D

Acq: 2 Jun 2020 11:51

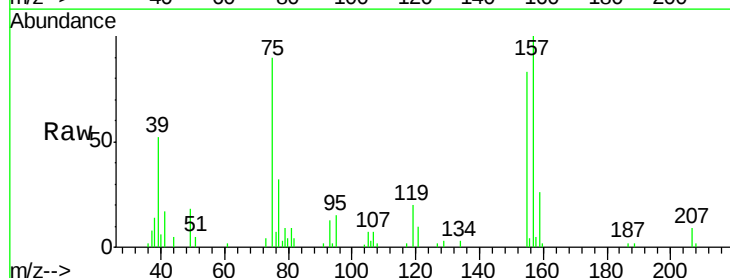
Tgt Ion: 75 Resp: 16647

Ion Ratio Lower Upper

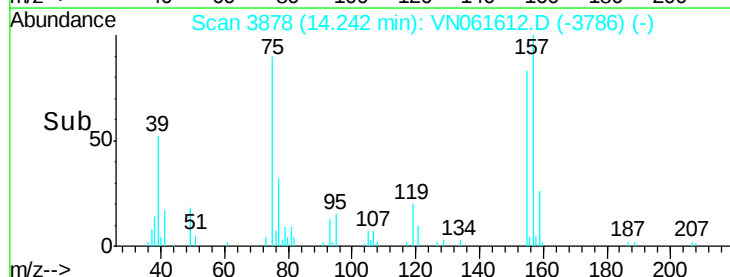
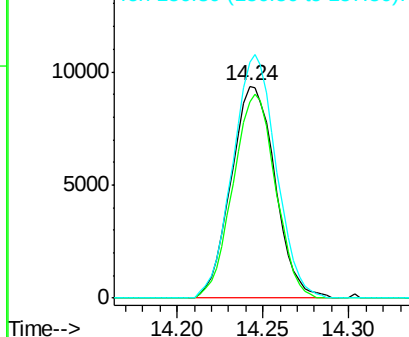
75 100

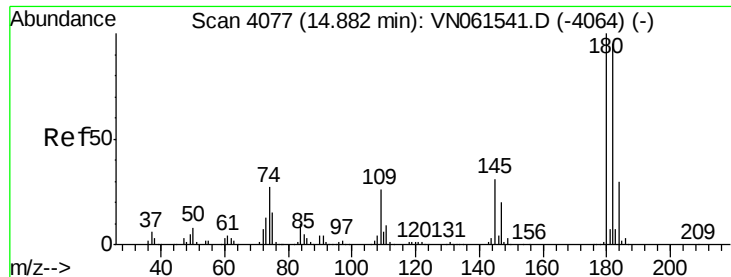
155 92.8 47.1 141.4

157 113.2 60.3 180.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

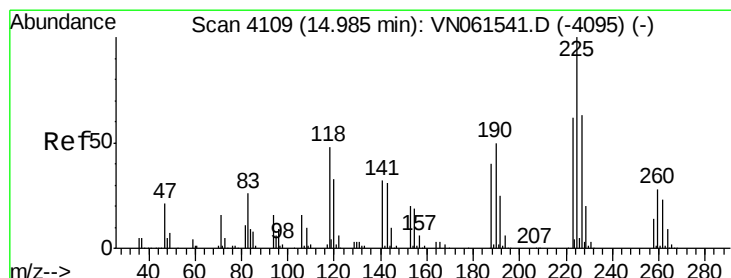
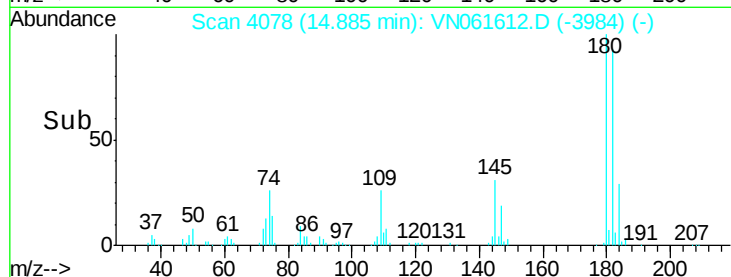
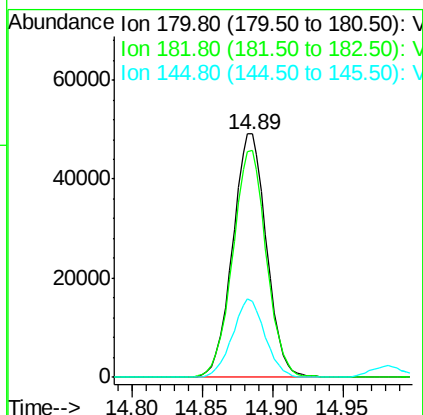
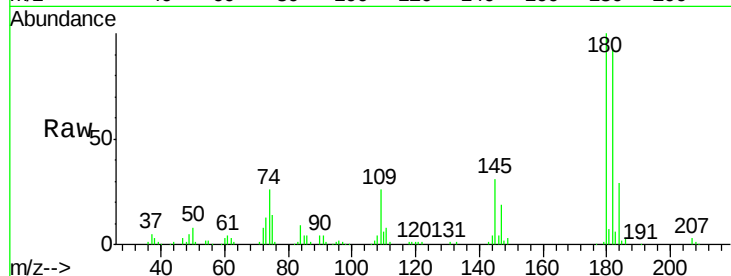




#93
 1,2,4-Trichlorobenzene
 Concen: 18.733 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

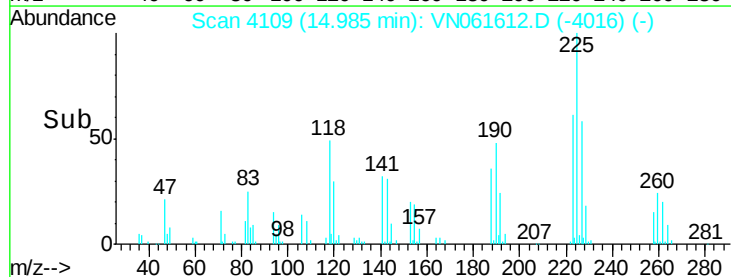
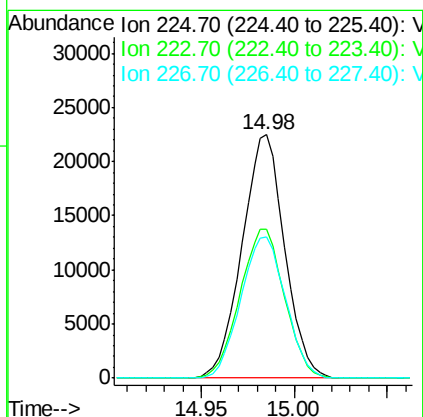
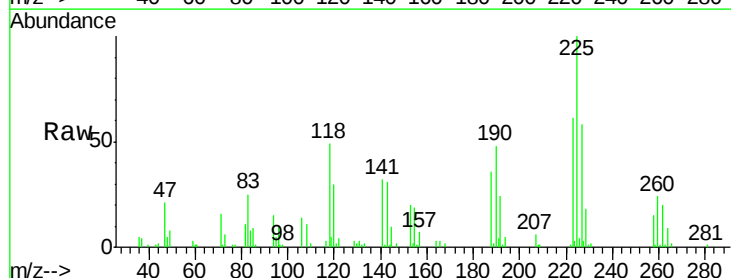
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 82421
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.8 143.3
 145 30.9 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 19.082 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061612.D
 Acq: 2 Jun 2020 11:51

Tgt Ion:225 Resp: 35807
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.9 95.5
 227 60.8 31.9 95.9

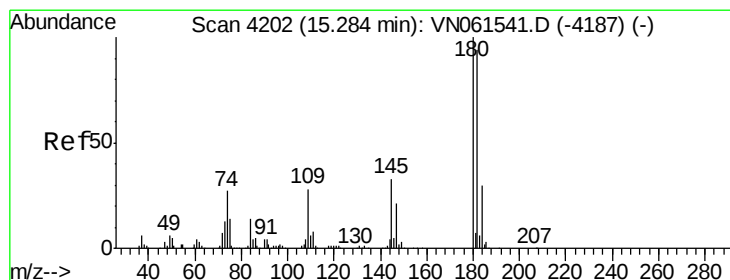
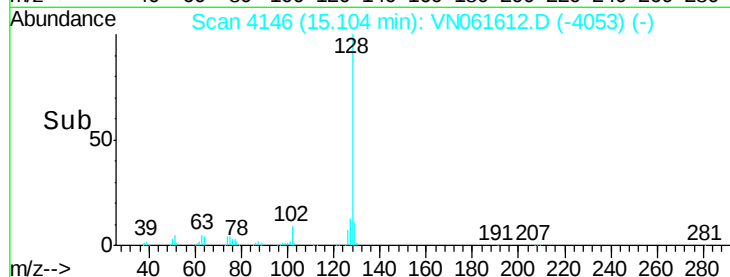
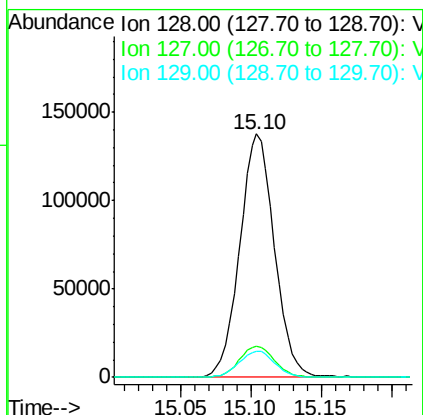
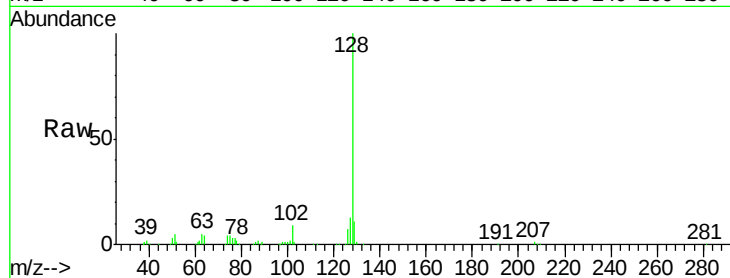




#95
Naphthalene
Concen: 17.688 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 236866
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.659 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061612.D
Acq: 2 Jun 2020 11:51

Tgt Ion:180 Resp: 80715
Ion Ratio Lower Upper
180 100
182 95.3 47.1 141.3
145 33.2 16.3 48.9

