

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061220\
 Data File : VX016721.D
 Acq On : 12 Jun 2020 12:31
 Operator : JC/SP
 Sample : VX0612WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 04:26:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	242740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	352710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	330061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	172062	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	140231	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.46	113	114221	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	8.70	98	426402	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.12	95	162311	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	36108	15.115	ug/l	96
3) Chloromethane	1.31	50	40136	13.903	ug/l	99
4) Vinyl Chloride	1.39	62	45508	14.907	ug/l	100
5) Bromomethane	1.62	94	32042	21.586	ug/l	95
6) Chloroethane	1.71	64	29896	16.788	ug/l	98
7) Trichlorofluoromethane	1.92	101	75903	18.932	ug/l	98
8) Diethyl Ether	2.17	74	28397	16.986	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42578	19.296	ug/l	97
10) Methyl Iodide	2.49	142	40052	17.320	ug/l	99
11) Tert butyl alcohol	3.01	59	61626	79.722	ug/l	100
12) 1,1-Dichloroethene	2.36	96	41546	17.788	ug/l	97
13) Acrolein	2.27	56	18147	55.186	ug/l	97
14) Allyl chloride	2.70	41	65567	15.264	ug/l	96
15) Acrylonitrile	3.11	53	123961	78.284	ug/l	99
16) Acetone	2.42	43	111564	84.472	ug/l	98
17) Carbon Disulfide	2.55	76	103232	14.883	ug/l	100
18) Methyl Acetate	2.75	43	58166	17.171	ug/l	95
19) Methyl tert-butyl Ether	3.16	73	146998	17.527	ug/l	98
20) Methylene Chloride	2.83	84	47381	17.340	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	43916	16.998	ug/l	90
22) Diisopropyl ether	3.82	45	131106	15.888	ug/l	93
23) Vinyl Acetate	3.78	43	558234	77.288	ug/l	96
24) 1,1-Dichloroethane	3.67	63	79261	17.018	ug/l	98
25) 2-Butanone	4.63	43	166924	74.589	ug/l	93
26) 2,2-Dichloropropane	4.54	77	76059	19.958	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	50489	16.893	ug/l	98
28) Bromochloromethane	4.98	49	35462	16.385	ug/l	83
29) Tetrahydrofuran	5.09	42	106668	73.778	ug/l	94
30) Chloroform	5.17	83	84227	17.948	ug/l	100
31) Cyclohexane	5.55	56	60490	14.437	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	80845	19.029	ug/l	97
36) 1,1-Dichloropropene	5.76	75	59281	17.751	ug/l	98
37) Ethyl Acetate	4.79	43	63228	15.770	ug/l	96
38) Carbon Tetrachloride	5.75	117	70336	20.042	ug/l	98

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 04:26:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	63829	17.597	ug/l	98
40) Benzene	6.11	78	179667	18.066	ug/l	99
41) Methacrylonitrile	5.00	41	34721	15.766	ug/l	95
42) 1,2-Dichloroethane	6.16	62	66947	18.929	ug/l	99
43) Isopropyl Acetate	6.40	43	101384	16.211	ug/l	97
44) Trichloroethene	7.18	130	55106	17.465	ug/l	90
45) 1,2-Dichloropropane	7.49	63	45698	18.050	ug/l	99
46) Dibromomethane	7.63	93	31686	18.633	ug/l	93
47) Bromodichloromethane	7.87	83	68605	19.485	ug/l	97
48) Methyl methacrylate	7.74	41	46907	15.665	ug/l	92
49) 1,4-Dioxane	7.71	88	24972	356.359	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	324283	83.277	ug/l	97
52) Toluene	8.76	92	119502	19.056	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	75323	18.813	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	79471	18.753	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	48683	19.525	ug/l	96
56) Ethyl methacrylate	9.16	69	70104	17.263	ug/l	96
57) 1,3-Dichloropropane	9.35	76	81551	19.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	178723	84.319	ug/l	94
59) 2-Hexanone	9.47	43	248122	81.936	ug/l	98
60) Dibromochloromethane	9.57	129	57585	20.522	ug/l	98
61) 1,2-Dibromoethane	9.65	107	51863	19.424	ug/l	100
64) Tetrachloroethene	9.32	164	58897	15.950	ug/l	97
65) Chlorobenzene	10.12	112	128532	19.101	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	52906	20.597	ug/l	98
67) Ethyl Benzene	10.23	91	218633	18.249	ug/l	98
68) m/p-Xylenes	10.34	106	169878	38.243	ug/l	99
69) o-Xylene	10.68	106	79036	18.372	ug/l	99
70) Styrene	10.70	104	139177	18.822	ug/l	98
71) Bromoform	10.84	173	44858	20.664	ug/l #	100
73) Isopropylbenzene	11.00	105	216932	18.196	ug/l	100
74) N-amyl acetate	10.88	43	81135	14.796	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	62325	20.859	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	85104	22.502	ug/l	85
77) Bromobenzene	11.24	156	59130	18.910	ug/l	94
78) n-propylbenzene	11.34	91	238543	17.910	ug/l	98
79) 2-Chlorotoluene	11.40	91	147193	18.105	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	187134	18.799	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	25496	16.583	ug/l	97
82) 4-Chlorotoluene	11.49	91	174202	18.145	ug/l	99
83) tert-Butylbenzene	11.76	119	171725	20.189	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	186957	18.571	ug/l	100
85) sec-Butylbenzene	11.93	105	200361	18.778	ug/l	99
86) p-Isopropyltoluene	12.05	119	193933	19.403	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	102769	18.971	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	103690	18.715	ug/l	99
89) n-Butylbenzene	12.37	91	155033	18.622	ug/l	99
90) Hexachloroethane	12.58	117	34071	19.735	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	100178	19.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16702	17.258	ug/l	98

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Instrument :
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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
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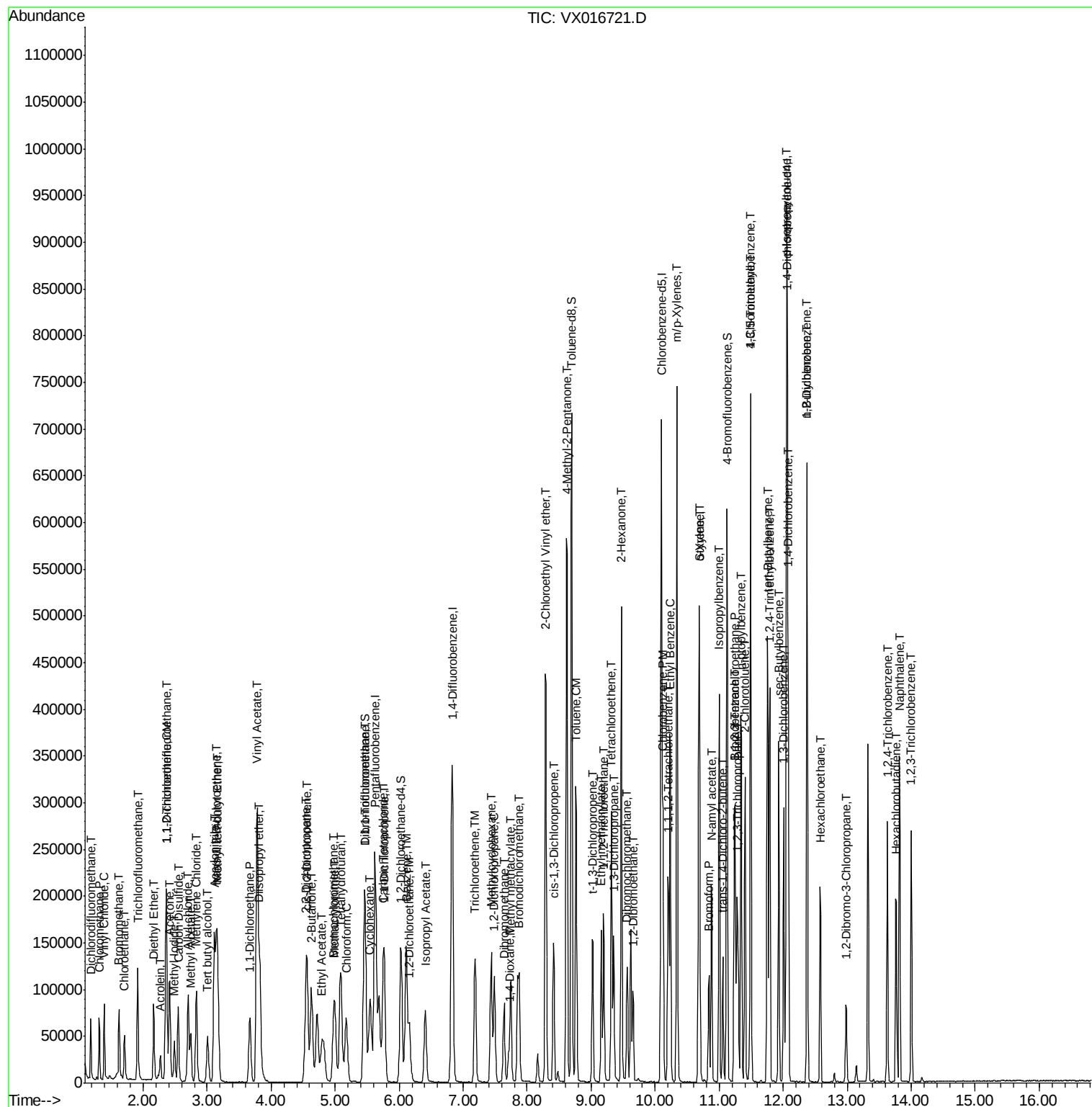
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	69405	19.911	ug/l	97
94) Hexachlorobutadiene	13.77	225	31453	22.982	ug/l	99
95) Naphthalene	13.82	128	211692	17.716	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	67798	19.853	ug/l	99

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

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Sample : VX0612WBS01
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jun 13 04:26:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

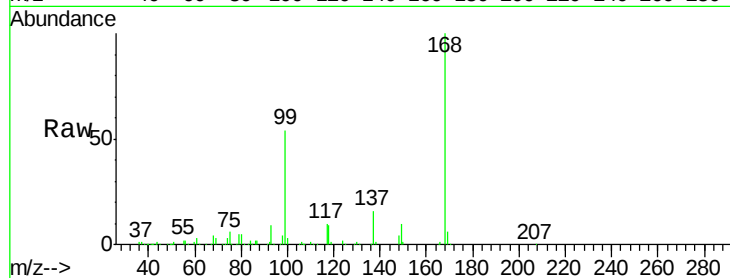
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 242740

Ion Ratio Lower Upper

168 100

99 54.1 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

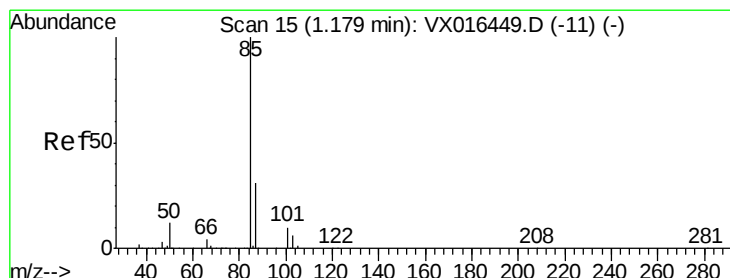
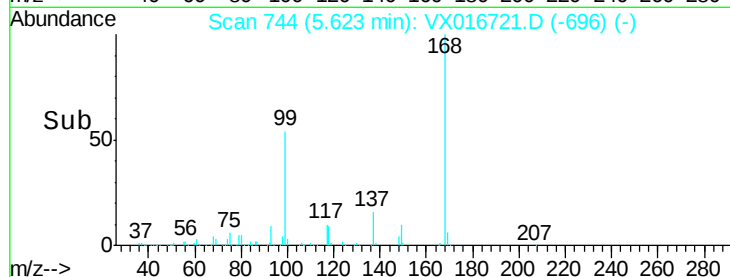
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.115 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016721.D

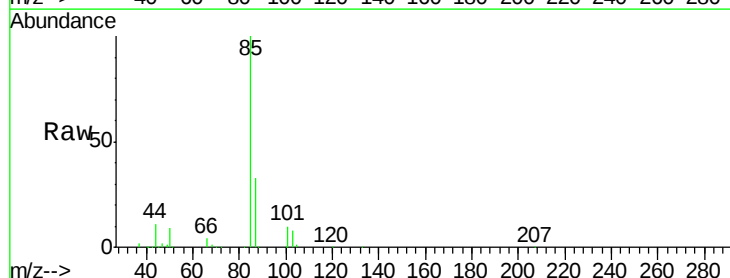
Acq: 12 Jun 2020 12:31

Tgt Ion: 85 Resp: 36108

Ion Ratio Lower Upper

85 100

87 33.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

40000

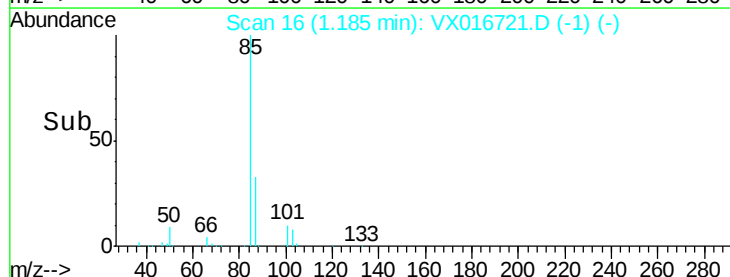
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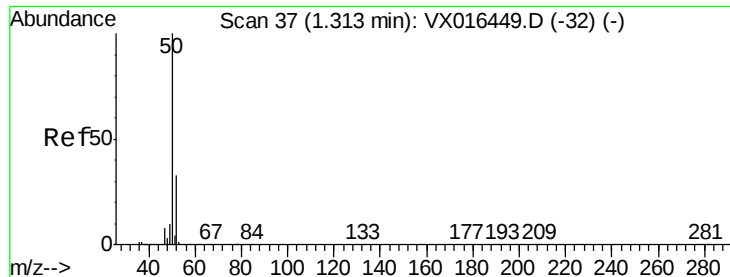
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10000

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Time-->

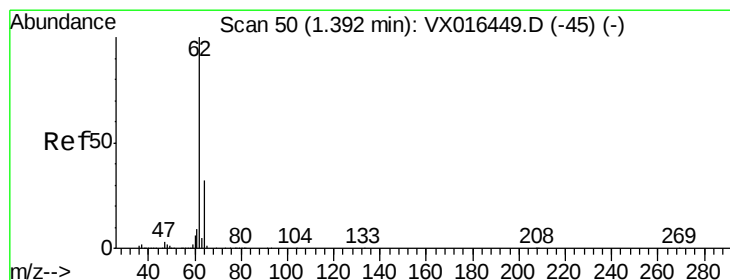
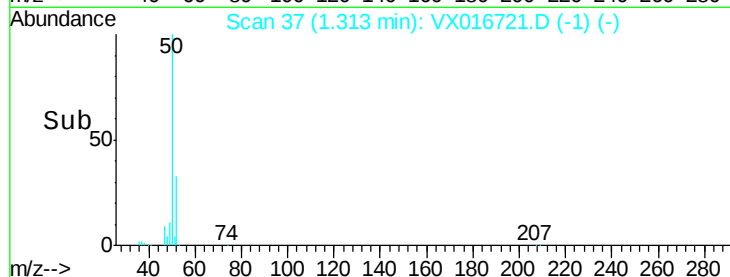
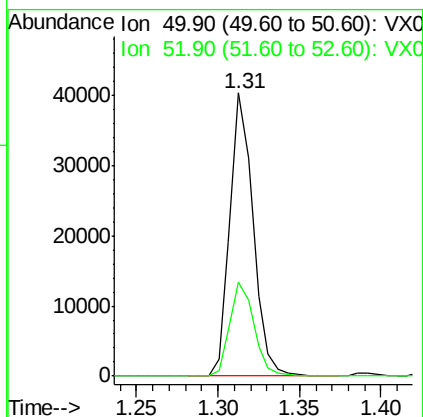
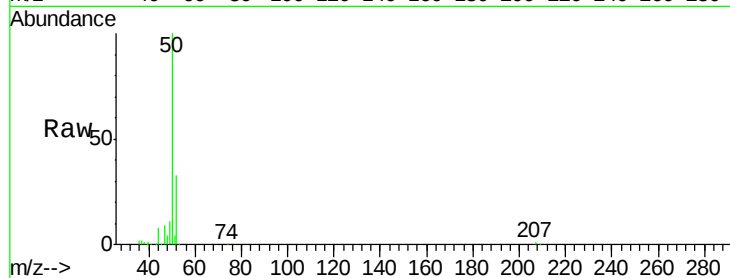




#3
Chloromethane
Concen: 13.903 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

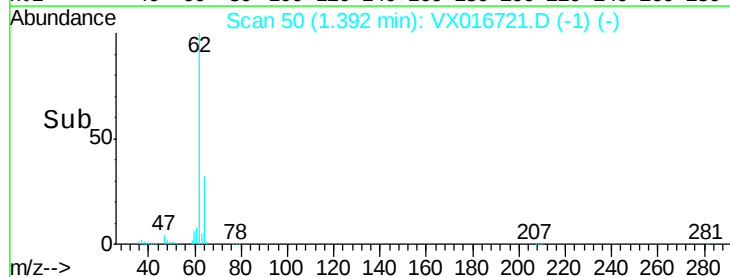
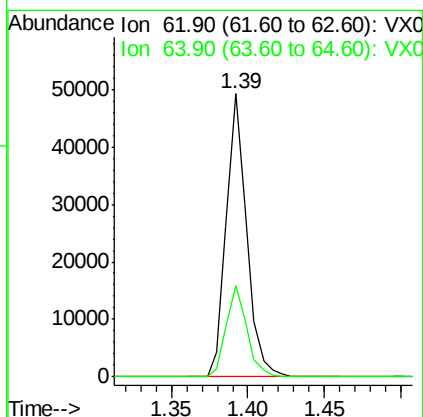
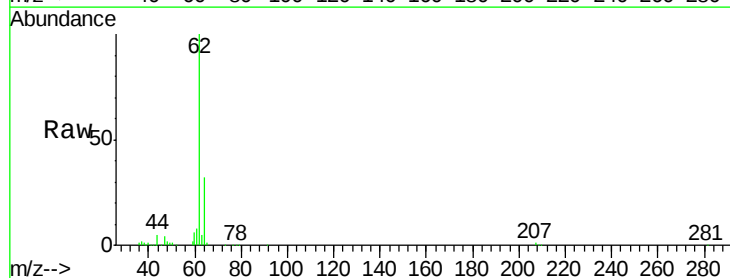
Instrument :
MSVOA_X
ClientSampleId :

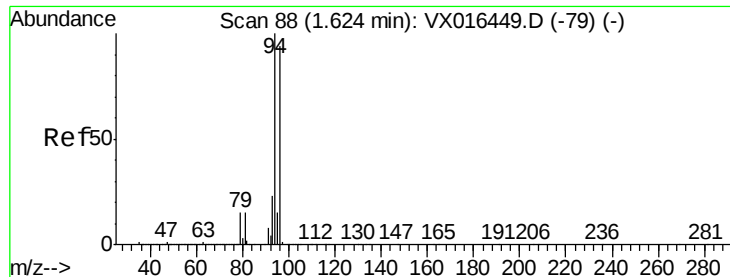
Tot Ion: 50 Resp: 40136
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2



#4
Vinyl Chloride
Concen: 14.907 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion: 62 Resp: 45508
Ion Ratio Lower Upper
62 100
64 32.3 25.9 38.9





#5

Bromomethane

Concen: 21.586 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

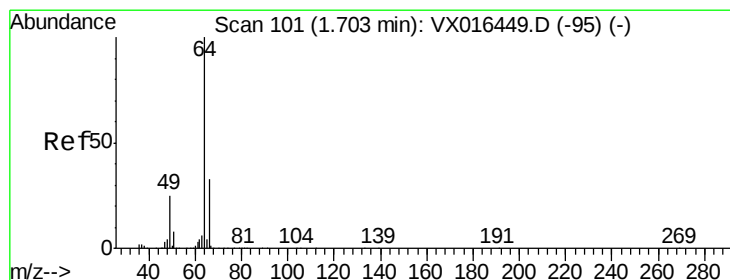
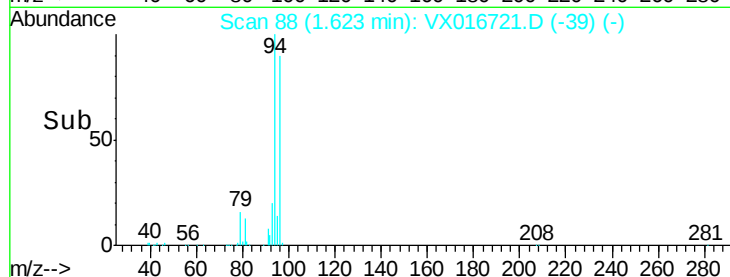
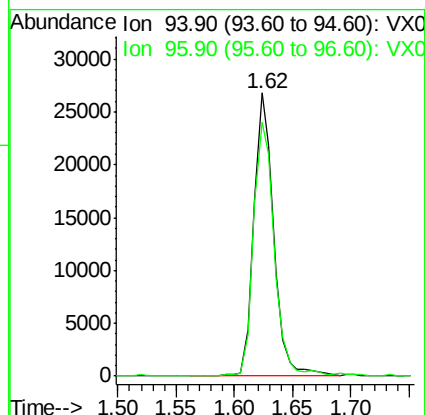
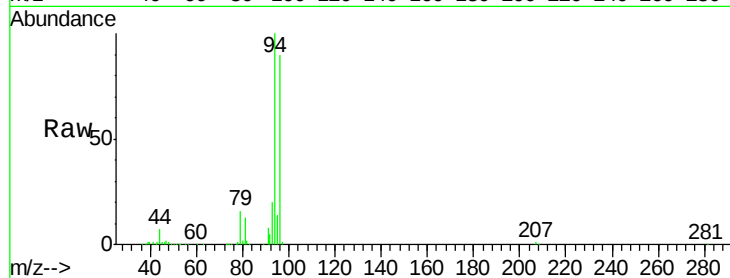
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 32042

Ion Ratio Lower Upper

94 100

96 89.2 75.1 112.7



#6

Chloroethane

Concen: 16.788 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016721.D

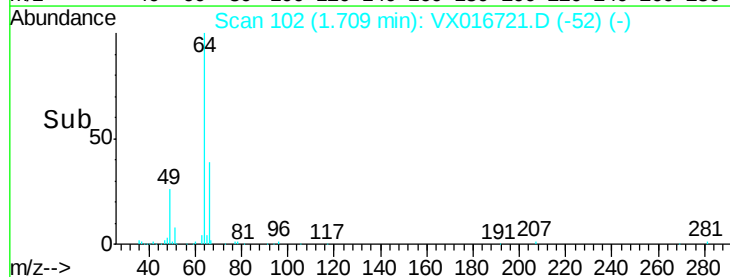
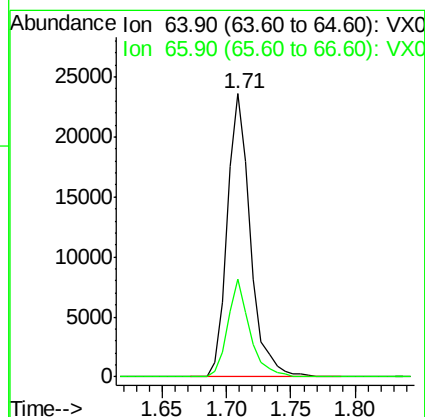
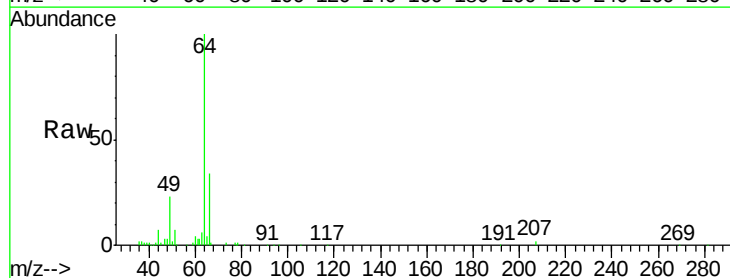
Acq: 12 Jun 2020 12:31

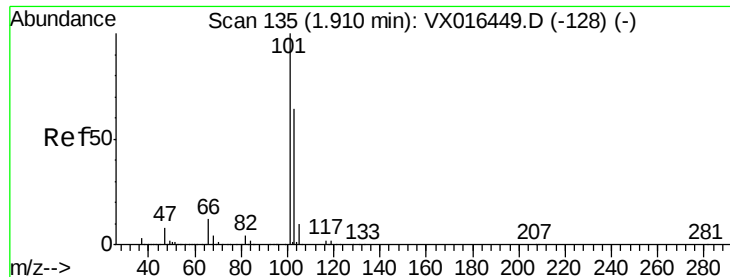
Tgt Ion: 64 Resp: 29896

Ion Ratio Lower Upper

64 100

66 34.4 26.7 40.1



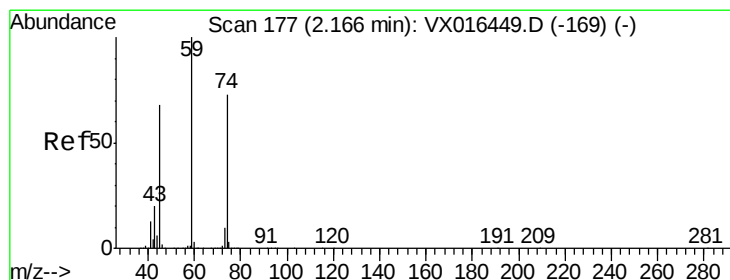
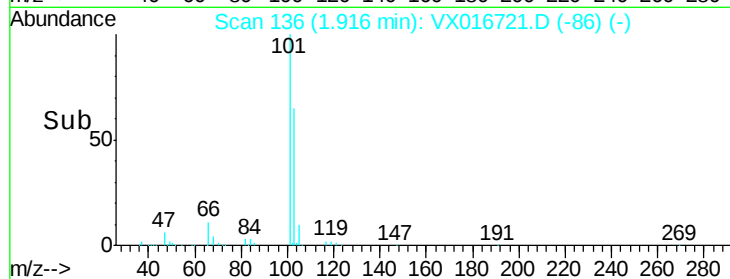
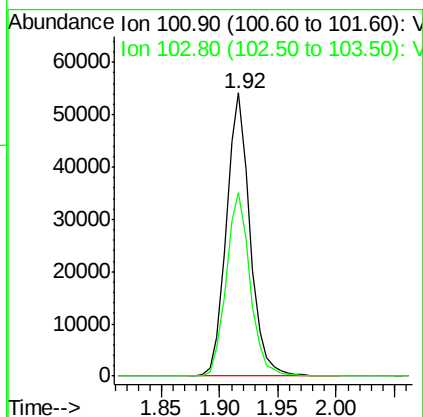
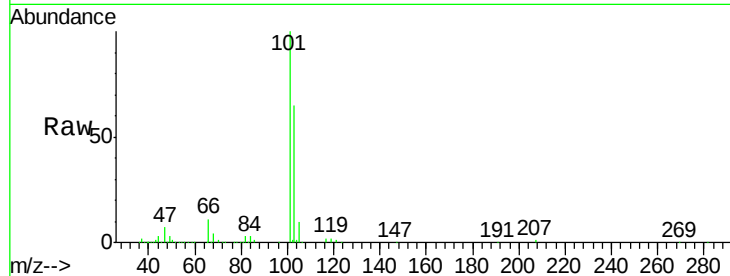


#7

Trichlorofluoromethane
 Concen: 18.932 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016721.D
 Acq: 12 Jun 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :

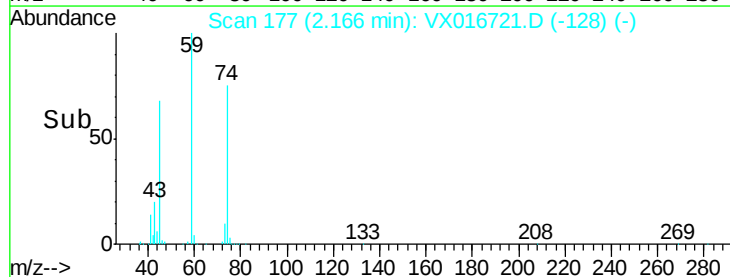
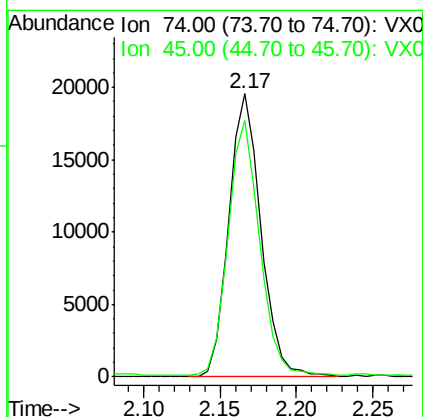
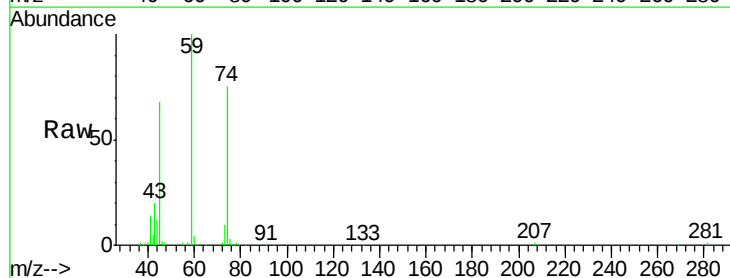
Tot Ion:101 Resp: 75903
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.9 76.3



#8

Diethyl Ether
 Concen: 16.986 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016721.D
 Acq: 12 Jun 2020 12:31

Tgt Ion: 74 Resp: 28397
 Ion Ratio Lower Upper
 74 100
 45 88.0 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.296 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

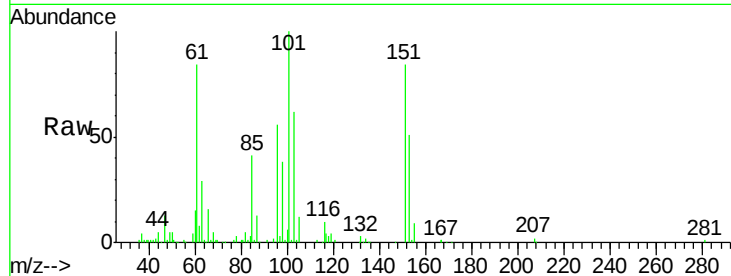
Tot Ion:101 Resp: 42578

Ion Ratio Lower Upper

101 100

85 43.3 34.4 51.6

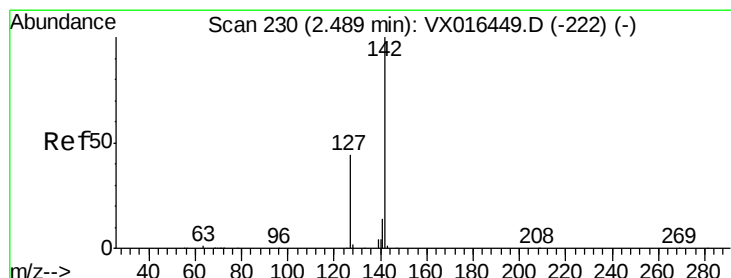
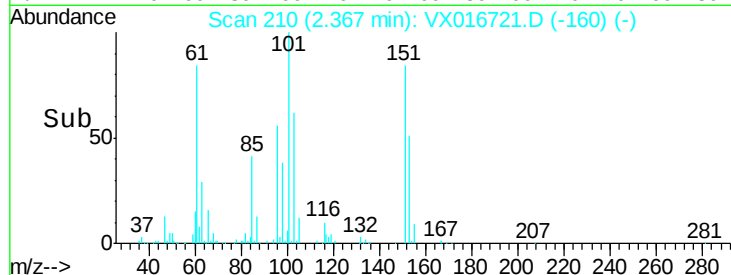
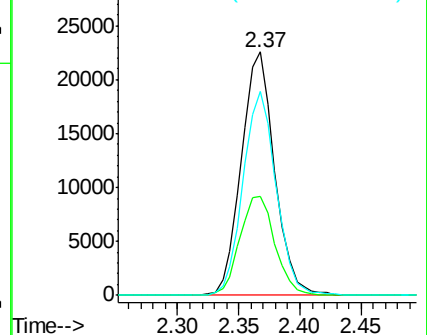
151 83.6 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.320 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

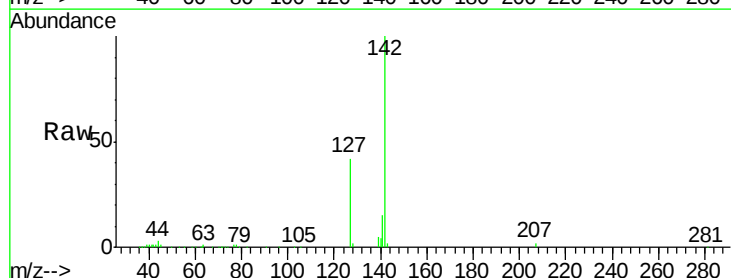
Tgt Ion:142 Resp: 40052

Ion Ratio Lower Upper

142 100

127 44.6 35.3 52.9

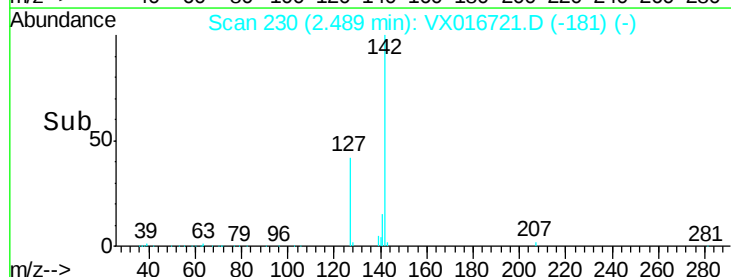
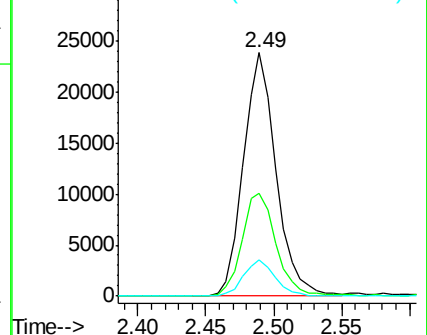
141 14.6 11.4 17.2

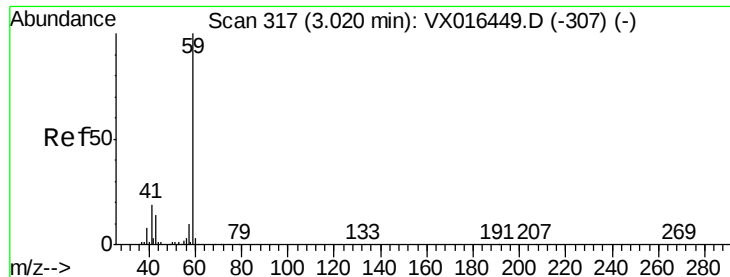


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



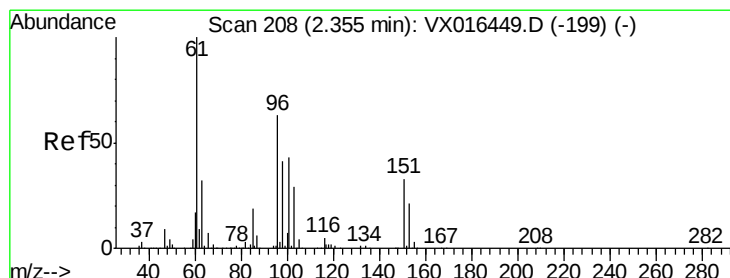
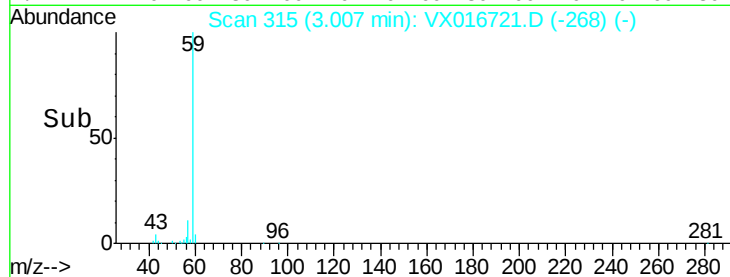
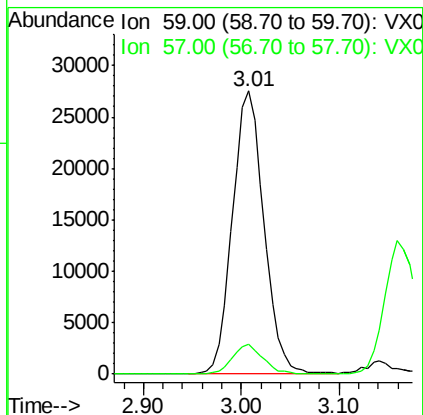
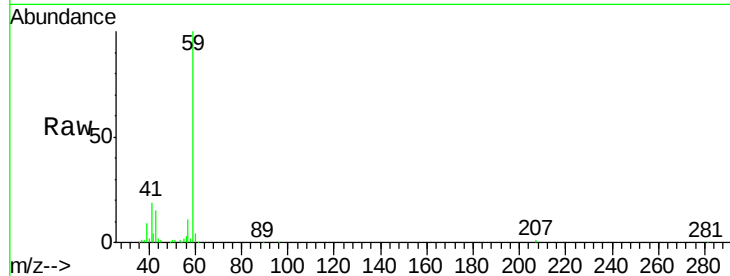


#11

Tert butyl alcohol
 Concen: 79.722 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016721.D
 Acq: 12 Jun 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :

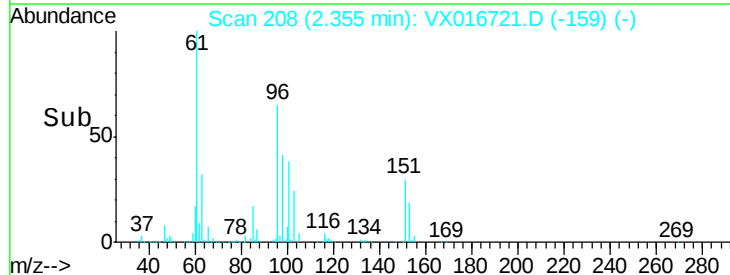
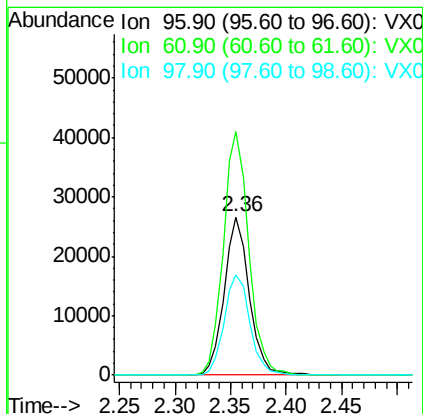
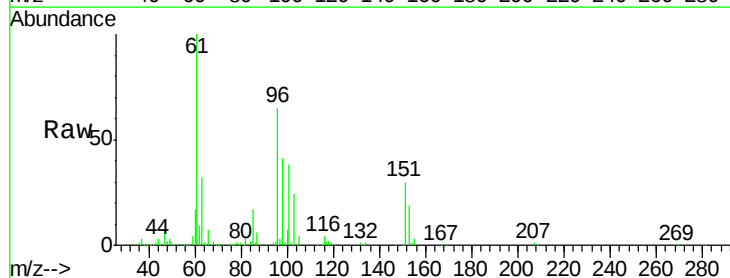
Tot Ion: 59 Resp: 61626
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

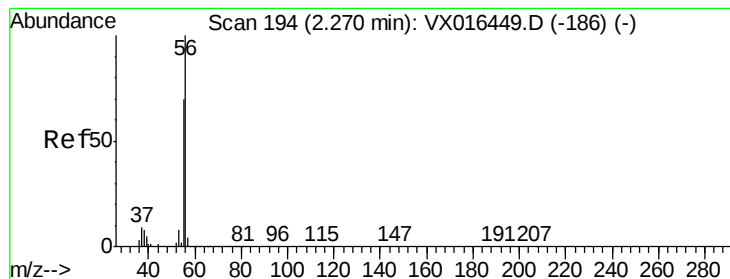


#12

1,1-Dichloroethene
 Concen: 17.788 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016721.D
 Acq: 12 Jun 2020 12:31

Tgt Ion: 96 Resp: 41546
 Ion Ratio Lower Upper
 96 100
 61 154.0 126.6 189.8
 98 63.3 51.3 76.9





#13

Acrolein

Concen: 55.186 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

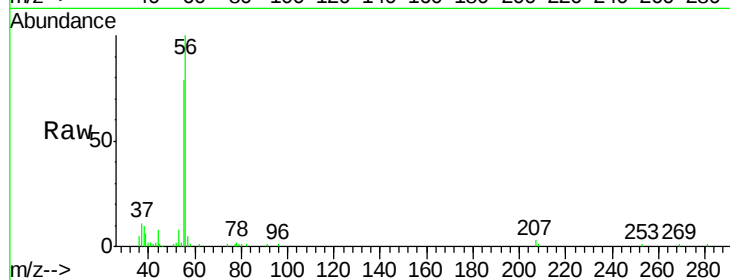
ClientSampleId :

Tot Ion: 56 Resp: 18147

Ion Ratio Lower Upper

56 100

55 70.8 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

12000

10000

8000

6000

4000

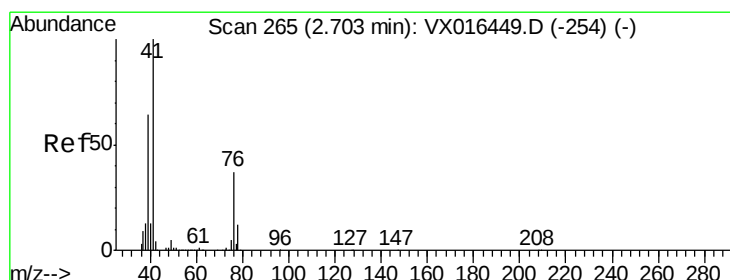
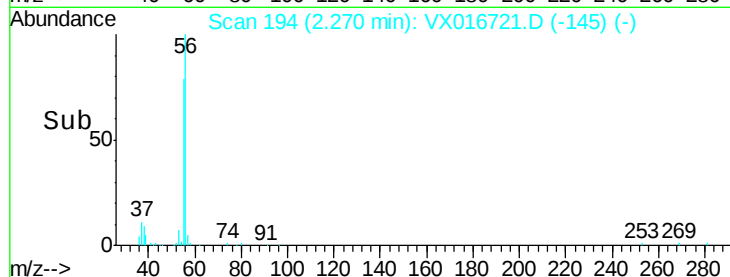
2000

0

2.27

2.25 2.30 2.35

Time-->



#14

Allyl chloride

Concen: 15.264 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

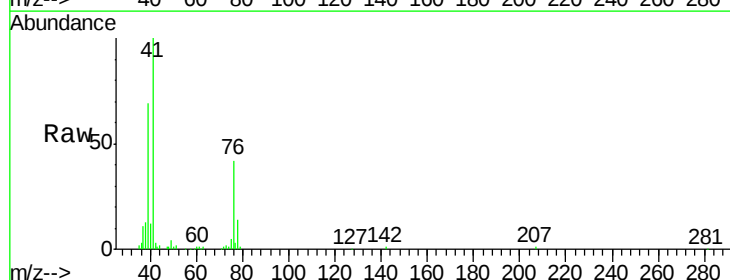
Tgt Ion: 41 Resp: 65567

Ion Ratio Lower Upper

41 100

39 62.2 47.7 71.5

76 36.7 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

40000

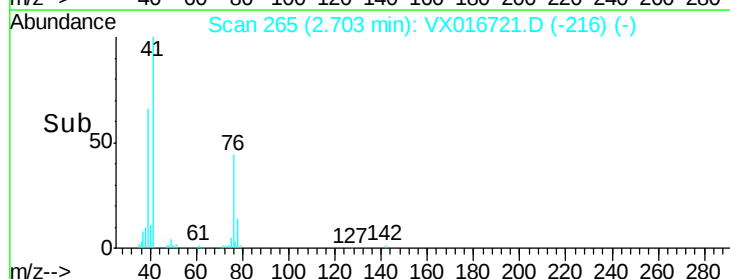
20000

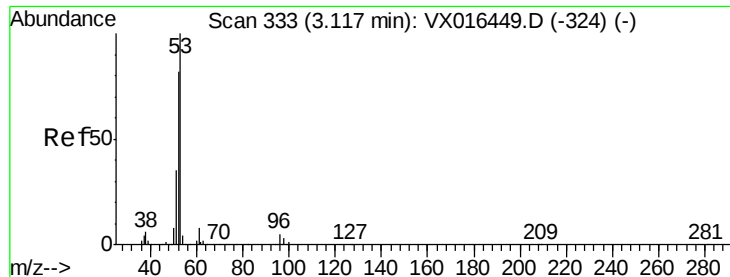
0

2.70

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 78.284 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

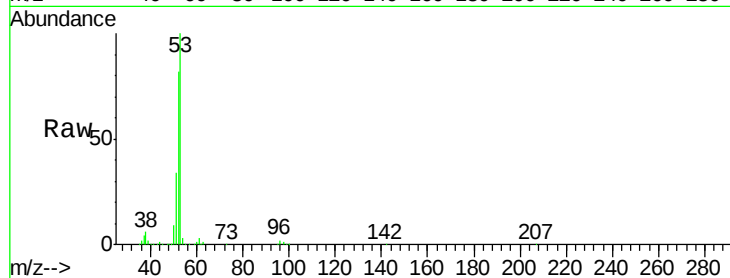
Tot Ion: 53 Resp: 123961

Ion Ratio Lower Upper

53 100

52 82.3 66.7 100.1

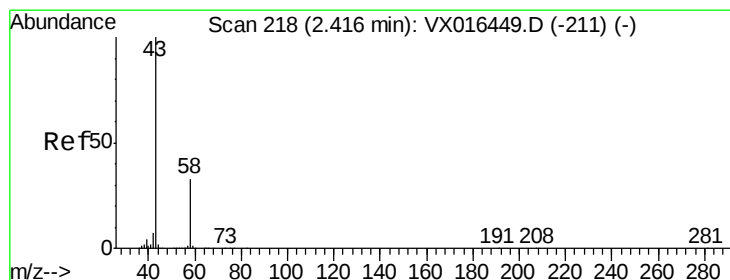
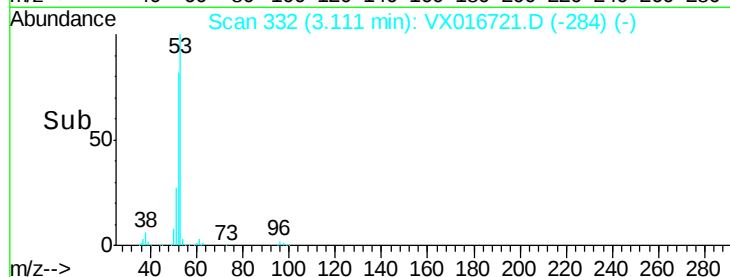
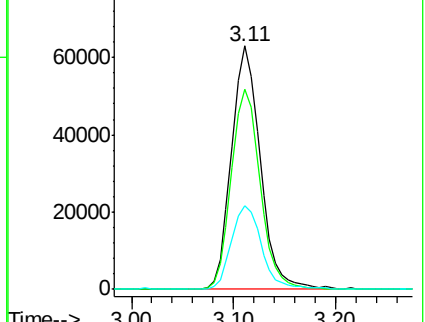
51 36.3 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 84.472 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016721.D

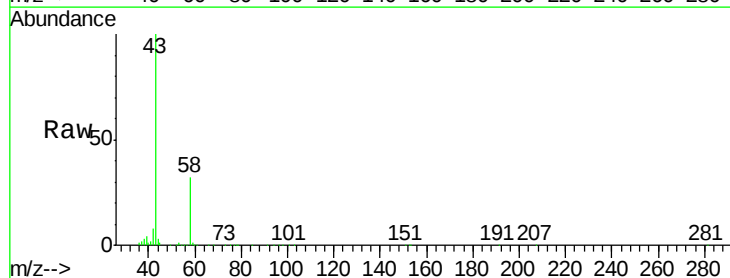
Acq: 12 Jun 2020 12:31

Tgt Ion: 43 Resp: 111564

Ion Ratio Lower Upper

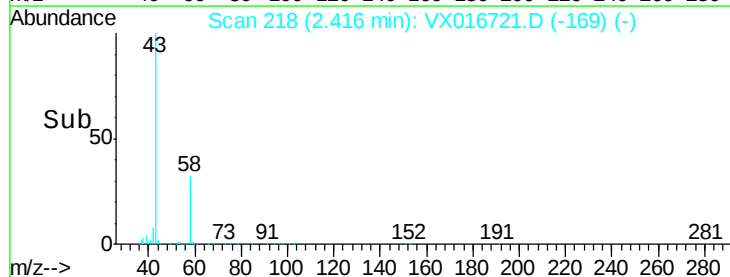
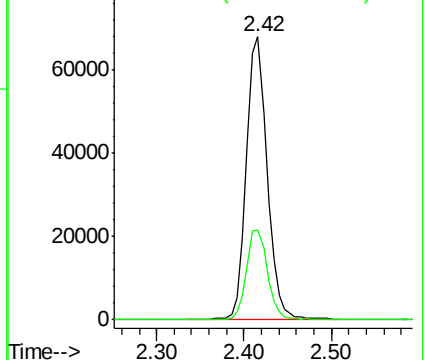
43 100

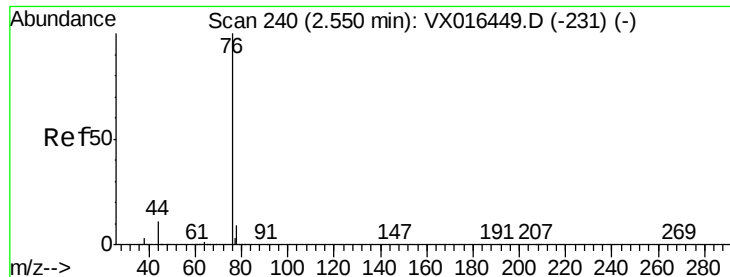
58 31.7 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

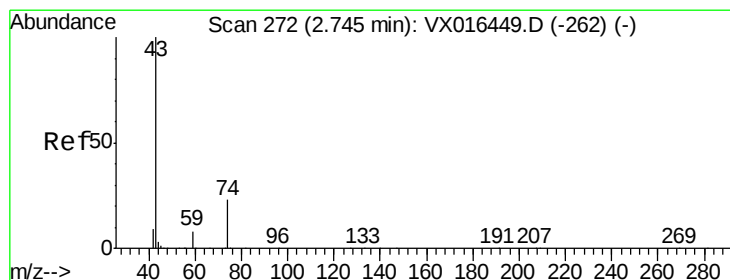
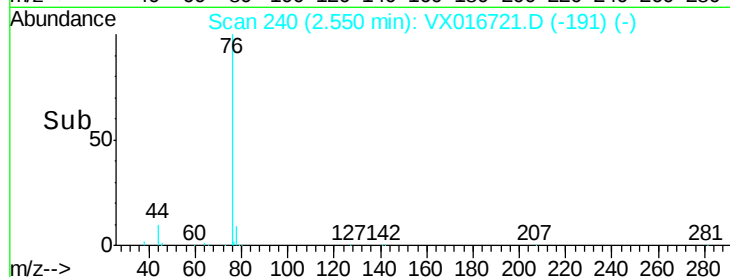
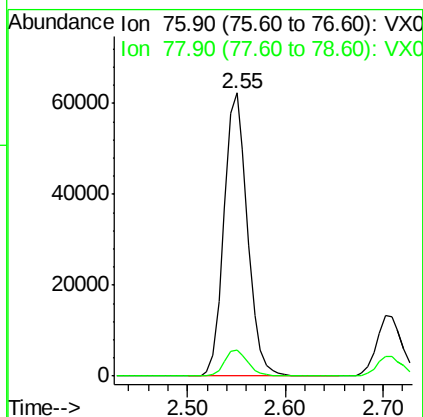
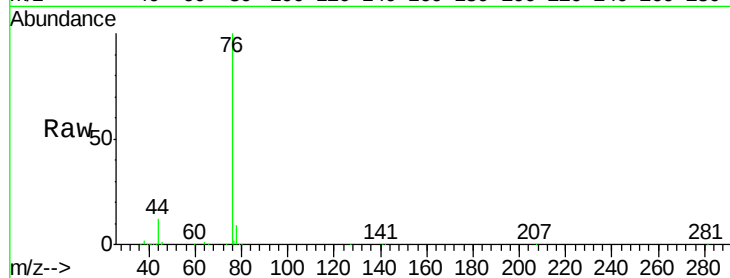




#17
Carbon Disulfide
Concen: 14.883 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

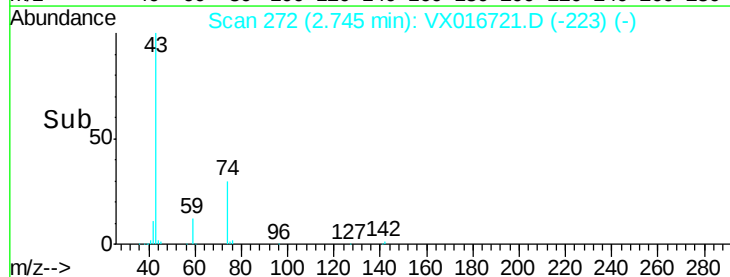
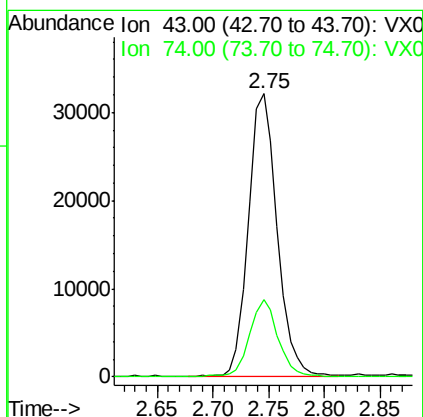
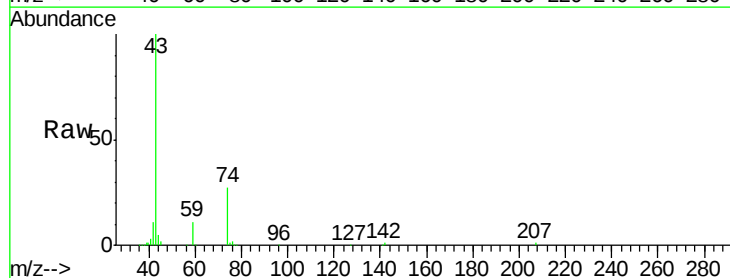
Instrument :
MSVOA_X
ClientSampleId :

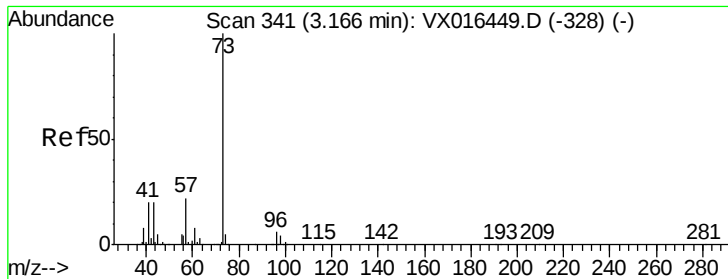
Tot Ion: 76 Resp: 103232
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 17.171 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion: 43 Resp: 58166
Ion Ratio Lower Upper
43 100
74 27.2 19.7 29.5

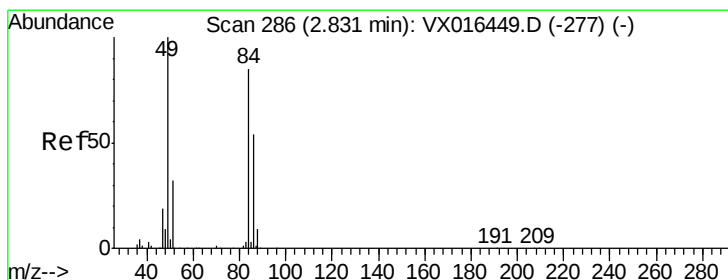
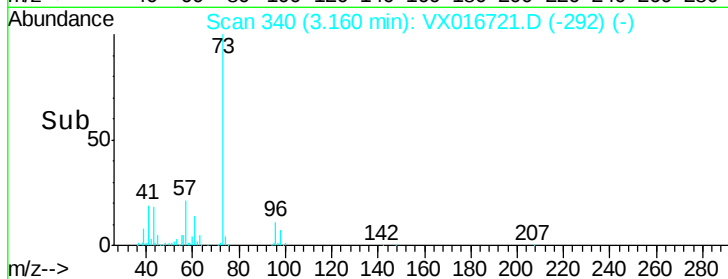
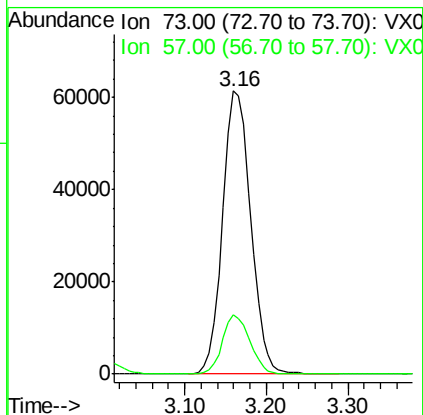
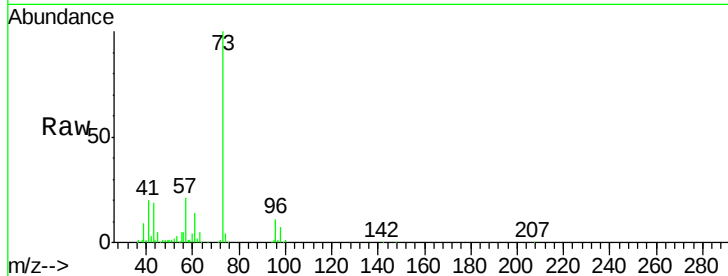




#19
Methvl tert-butvl Ether
Concen: 17.527 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

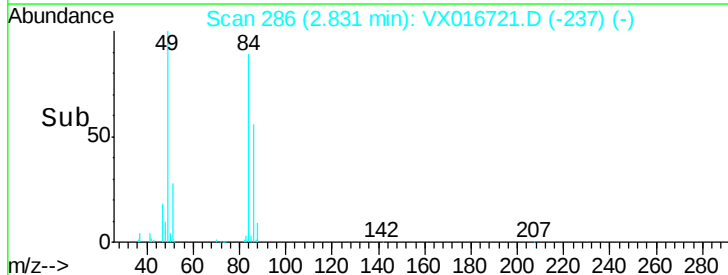
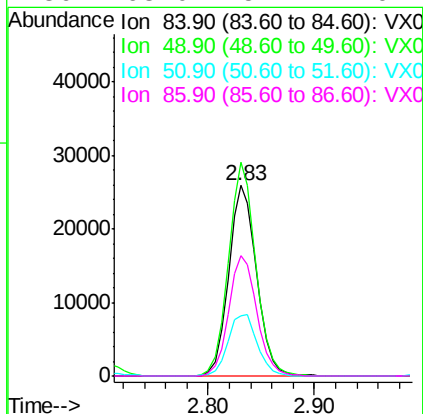
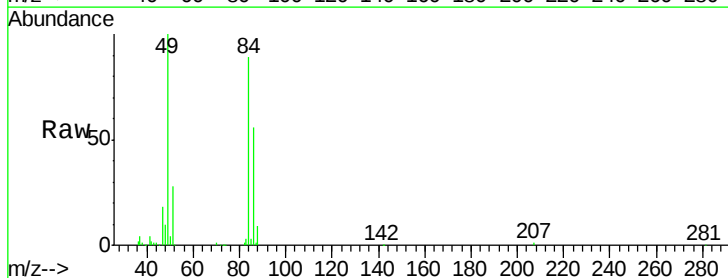
Instrument :
MSVOA_X
ClientSampleId :

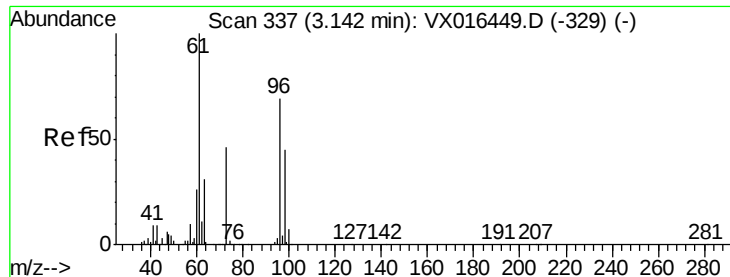
Tot Ion: 73 Resp: 146998
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.6



#20
Methylene Chloride
Concen: 17.340 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion: 84 Resp: 47381
Ion Ratio Lower Upper
84 100
49 112.3 94.5 141.7
51 31.3 30.2 45.4
86 63.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 16.998 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

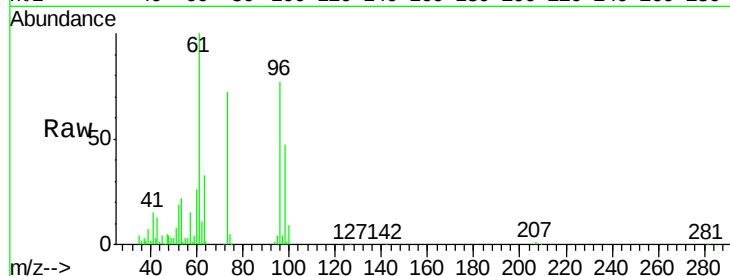
Tot Ion: 96 Resp: 43916

Ion Ratio Lower Upper

96 100

61 129.3 115.3 172.9

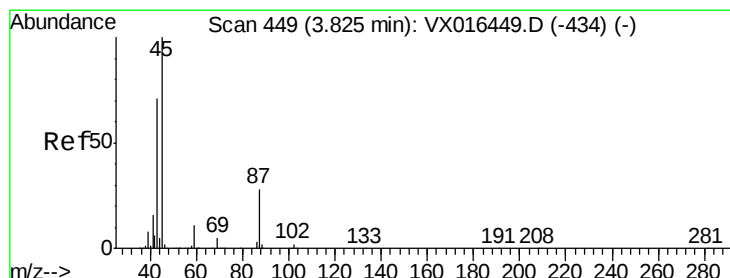
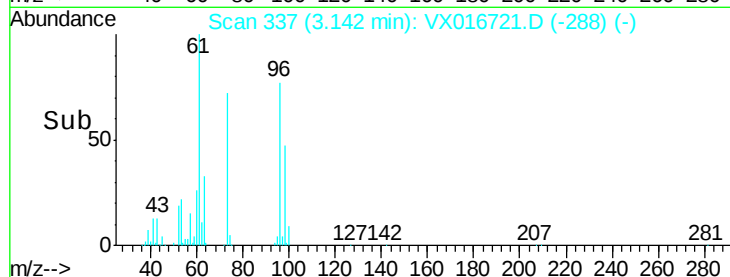
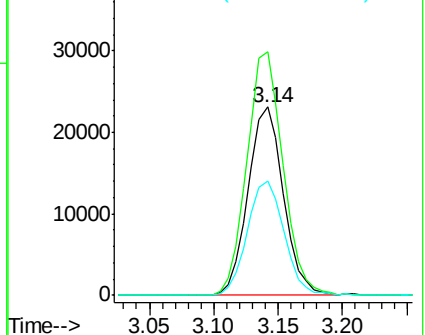
98 61.0 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 15.888 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Tgt Ion: 45 Resp: 131106

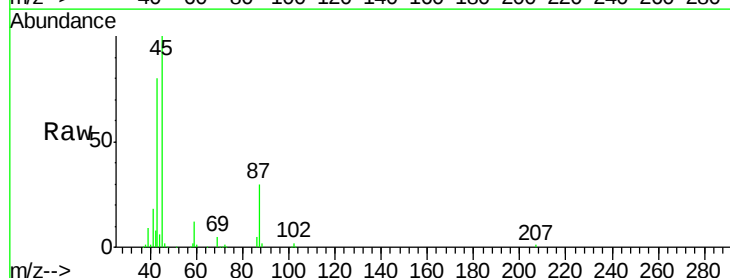
Ion Ratio Lower Upper

45 100

43 79.2 57.0 85.6

87 30.2 22.5 33.7

59 12.2 9.1 13.7

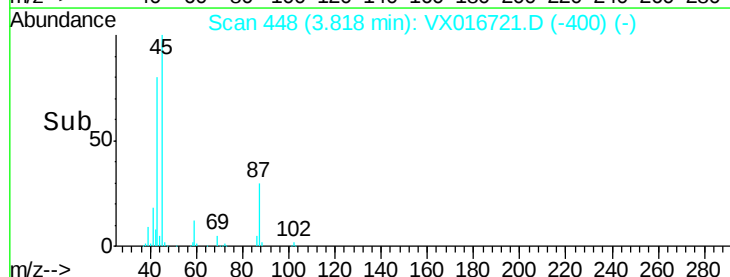
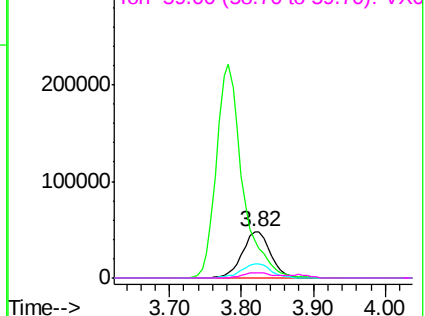


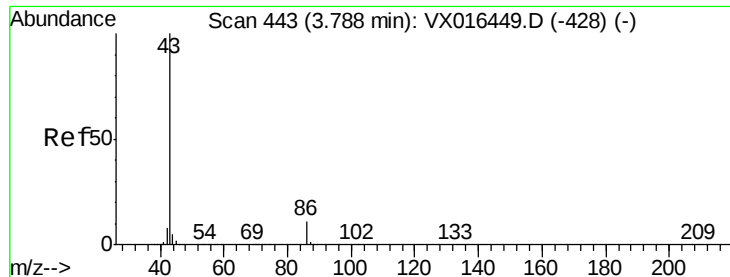
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 77.288 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

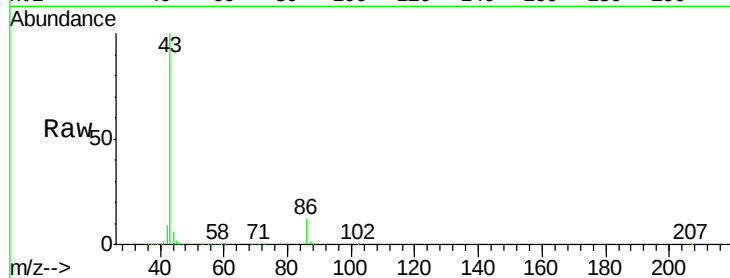
ClientSampled :

Tot Ion: 43 Resp: 558234

Ion Ratio Lower Upper

43 100

86 12.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

250000

200000

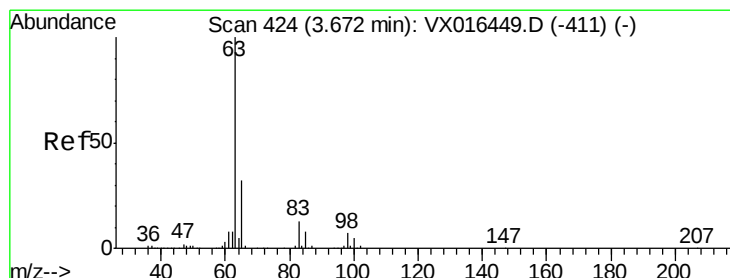
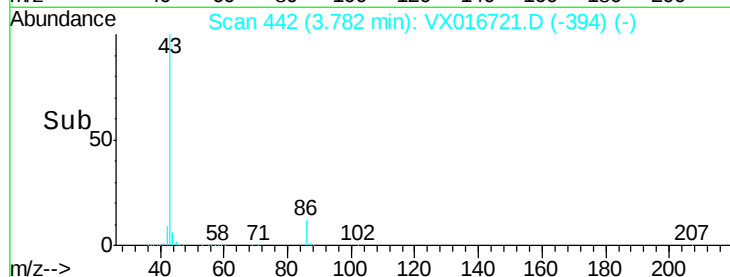
150000

100000

50000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 17.018 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

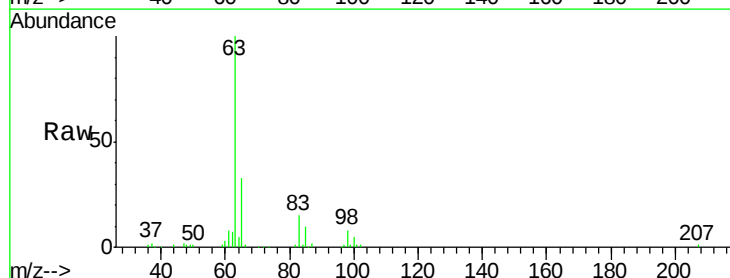
Tgt Ion: 63 Resp: 79261

Ion Ratio Lower Upper

63 100

98 8.4 3.6 10.9

100 5.0 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

40000

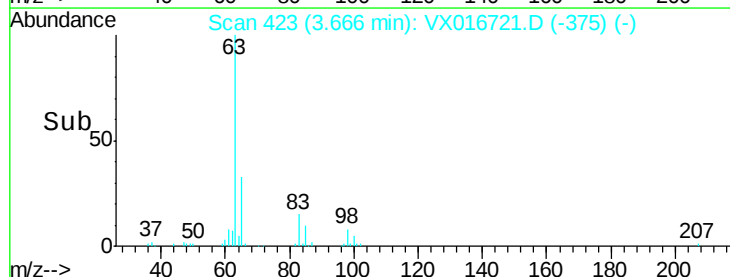
30000

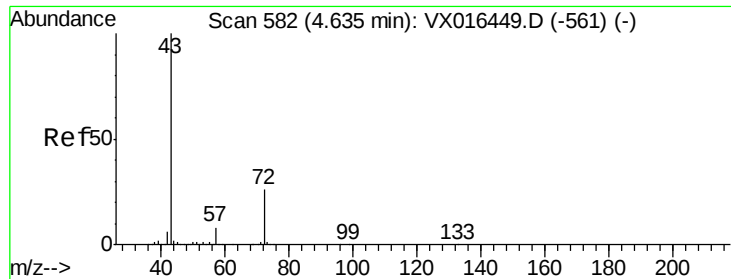
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 74.589 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

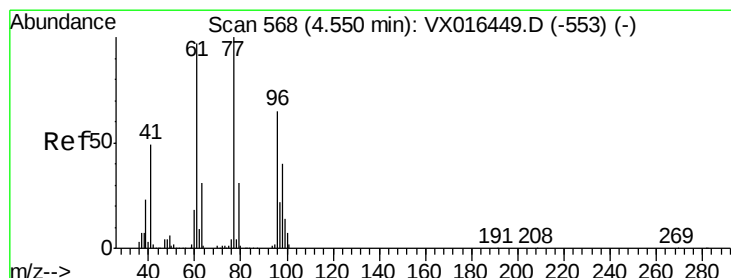
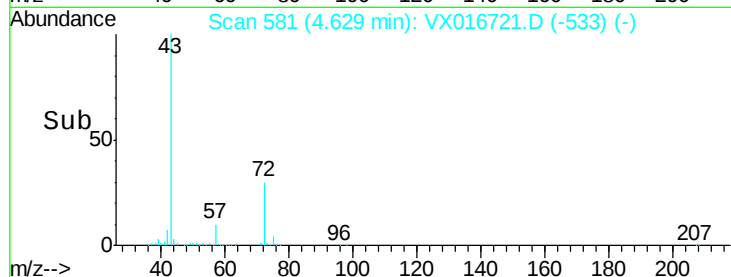
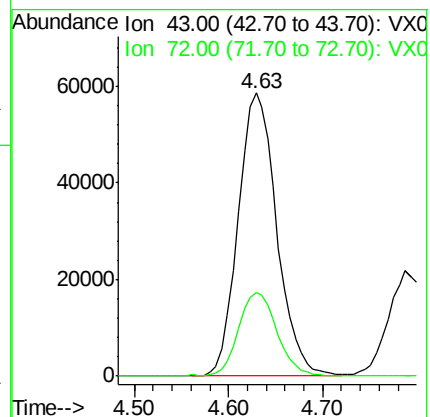
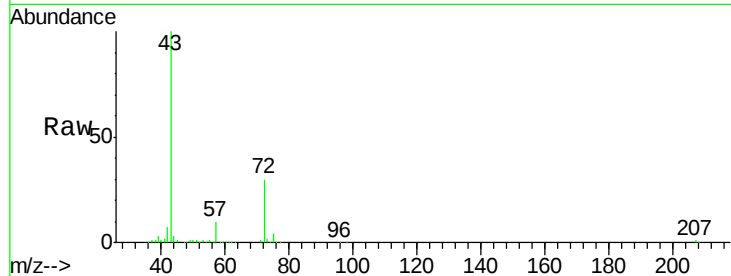
ClientSampleId :

Tot Ion: 43 Resp: 166924

Ion Ratio Lower Upper

43 100

72 29.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.958 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016721.D

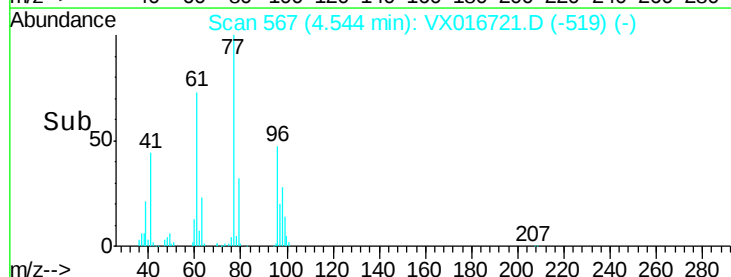
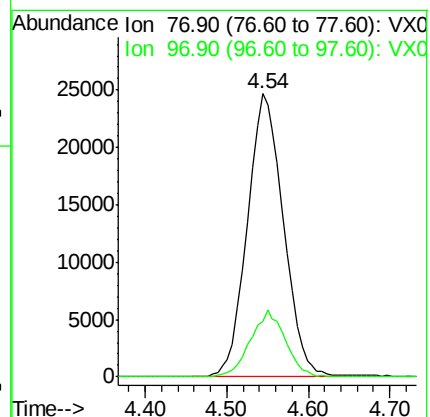
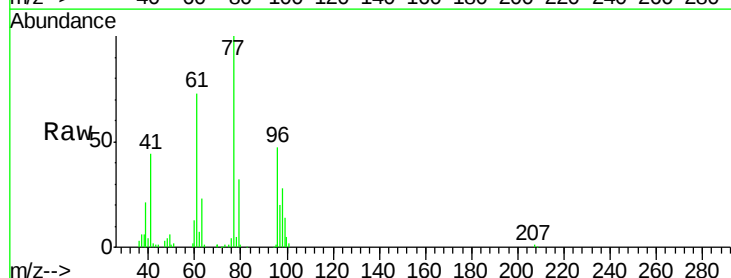
Acq: 12 Jun 2020 12:31

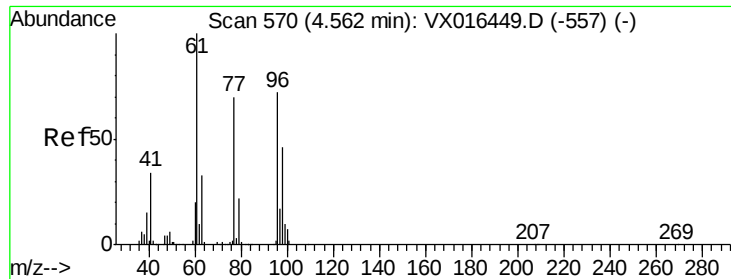
Tgt Ion: 77 Resp: 76059

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4



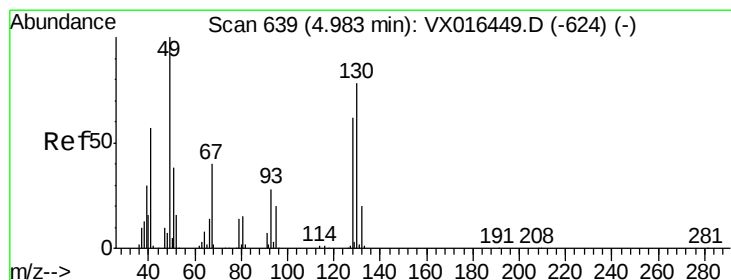
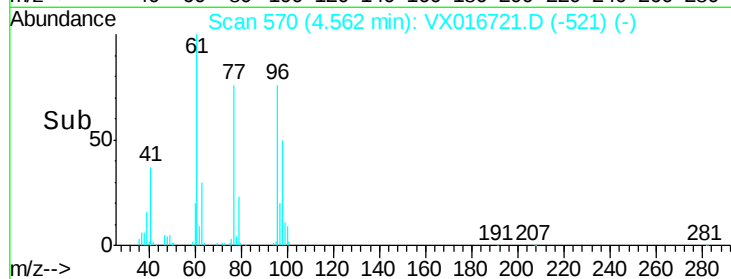
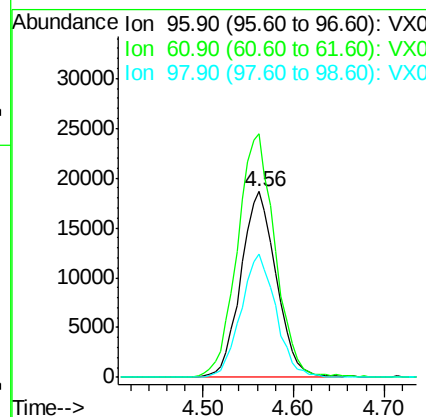
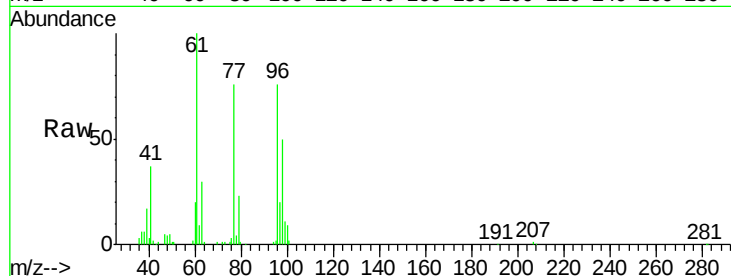


#27

cis-1,2-Dichloroethene
Concen: 16.893 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :

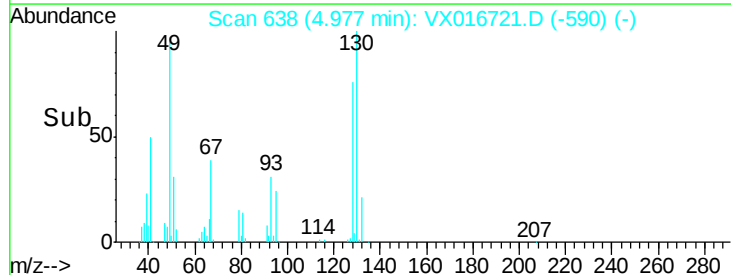
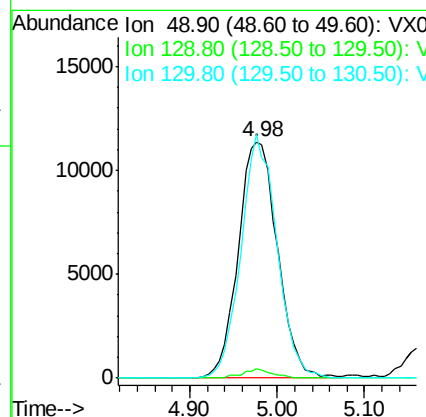
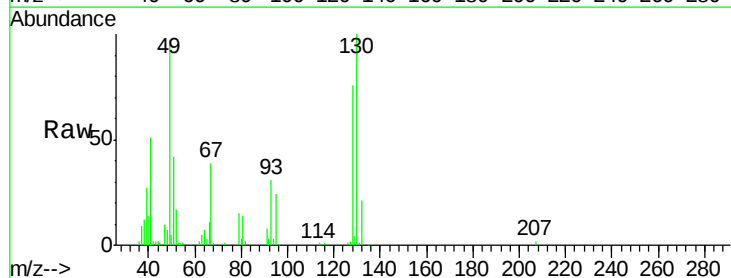
Tot Ion	96	Resp	50489
Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	284.6
98	65.3	0.0	127.2

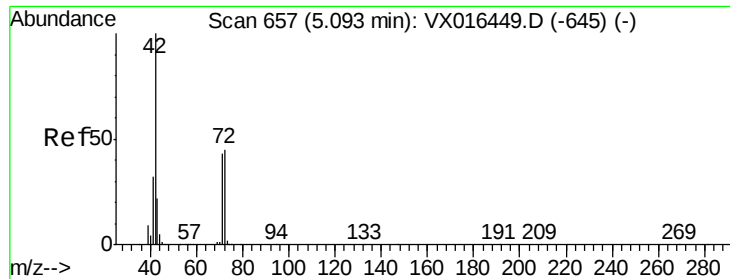


#28

Bromochloromethane
Concen: 16.385 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion	49	Resp	35462
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.0
130	94.3	63.0	94.4

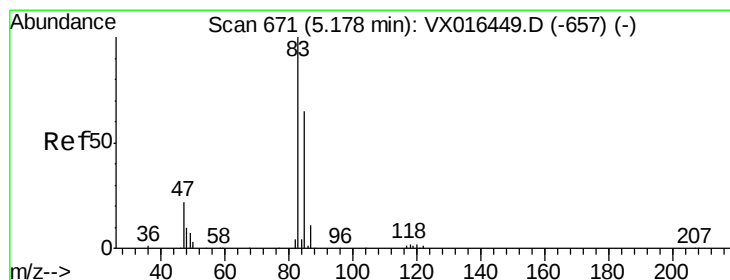
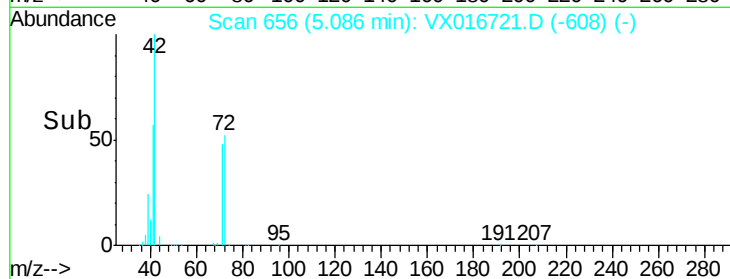
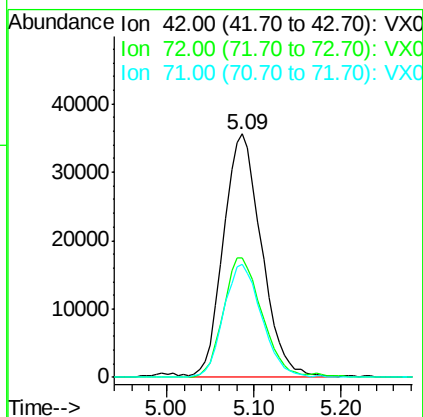
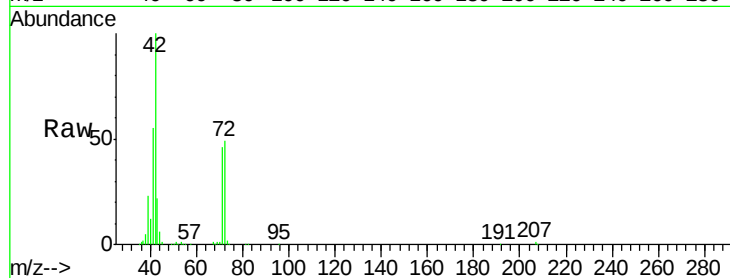




#29
Tetrahydrofuran
Concen: 73.778 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

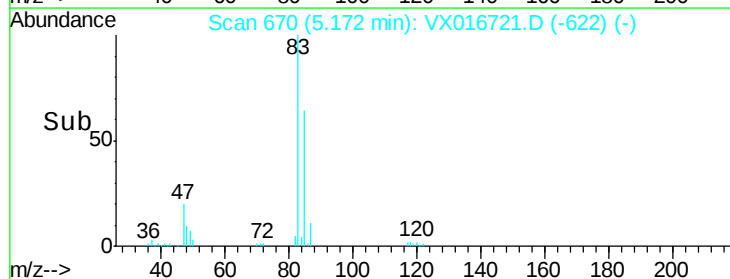
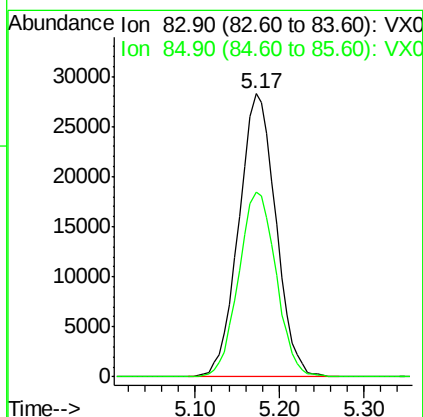
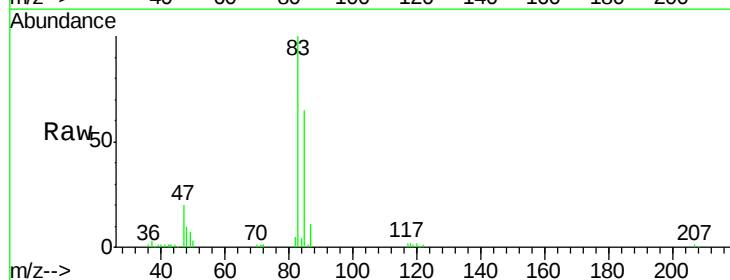
Instrument :
MSVOA_X
ClientSampleId :

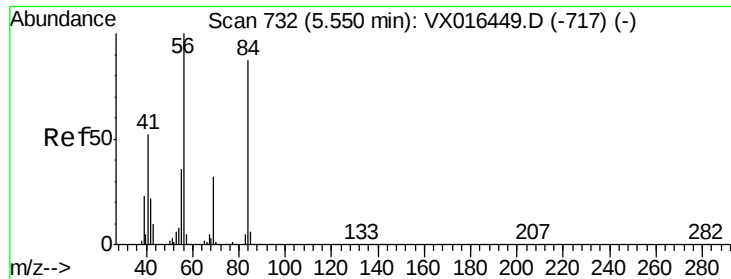
Tot Ion: 42 Resp: 106668
Ion Ratio Lower Upper
42 100
72 50.3 37.0 55.4
71 47.0 34.1 51.1



#30
Chloroform
Concen: 17.948 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion: 83 Resp: 84227
Ion Ratio Lower Upper
83 100
85 65.2 52.0 78.0





#31

Cyclohexane

Concen: 14.437 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :

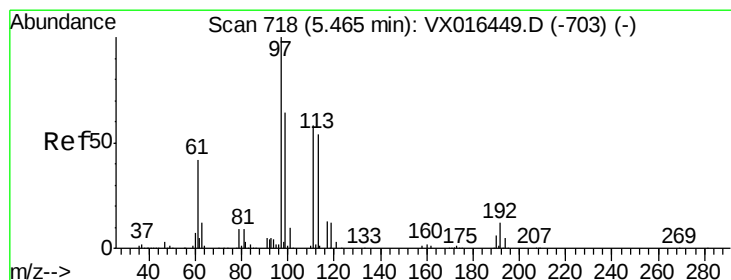
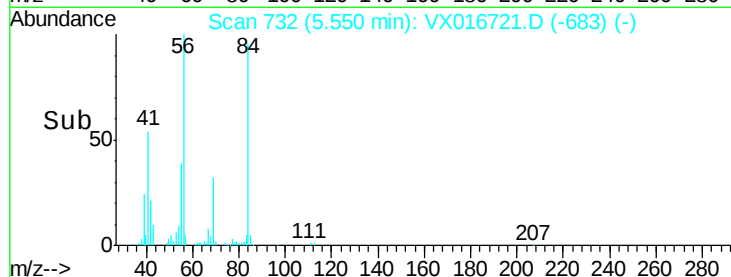
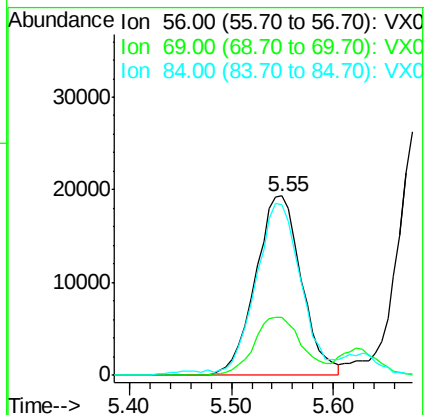
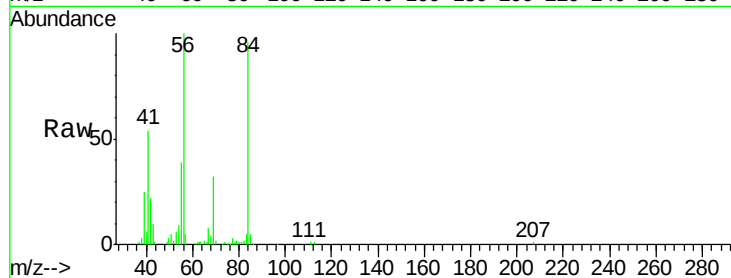
Tot Ion: 56 Resp: 60490

Ion Ratio Lower Upper

56 100

69 32.5 25.7 38.5

84 92.8 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 19.029 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

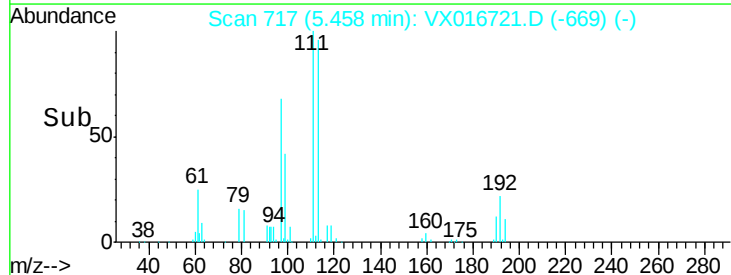
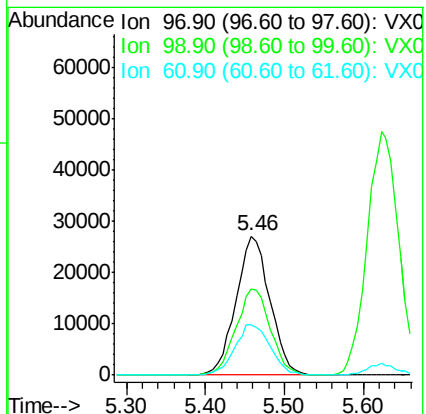
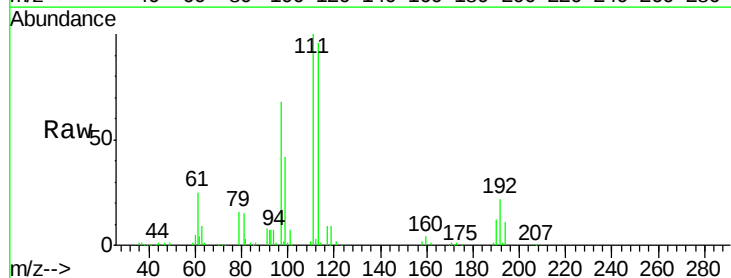
Tgt Ion: 97 Resp: 80845

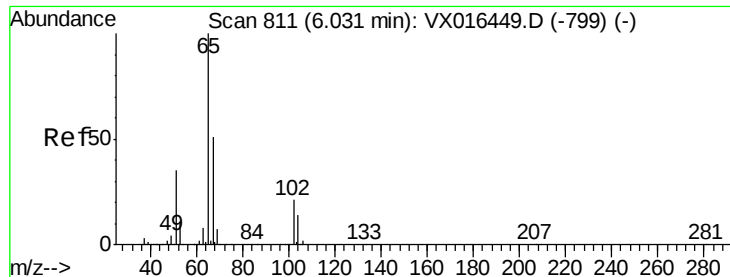
Ion Ratio Lower Upper

97 100

99 63.1 51.4 77.2

61 38.3 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 46.519 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

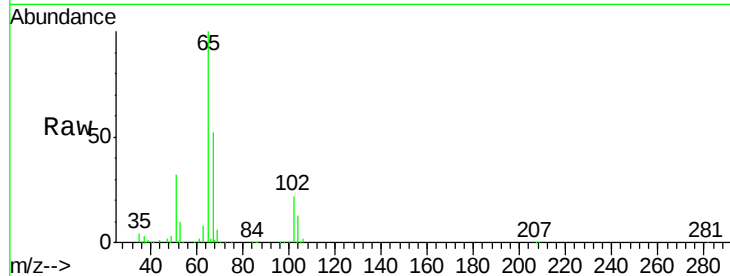
ClientSampleId :

Tot Ion: 65 Resp: 140231

Ion Ratio Lower Upper

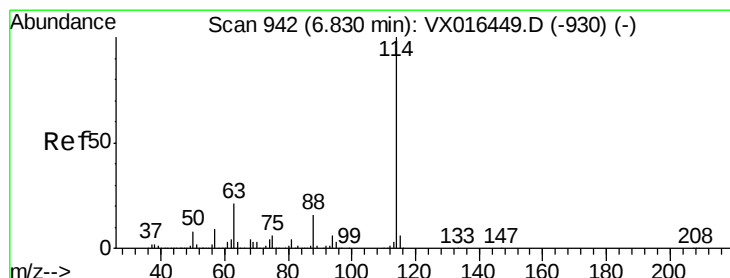
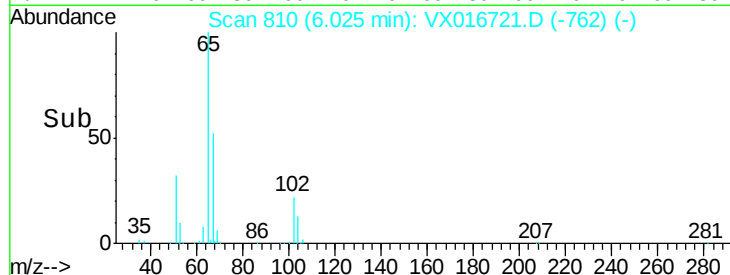
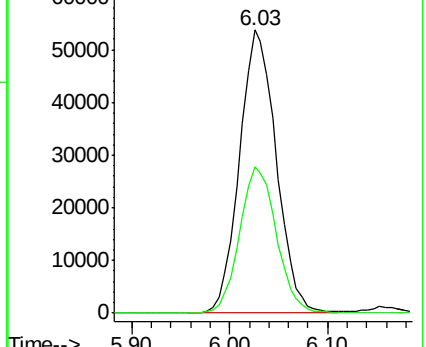
65 100

67 51.7 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

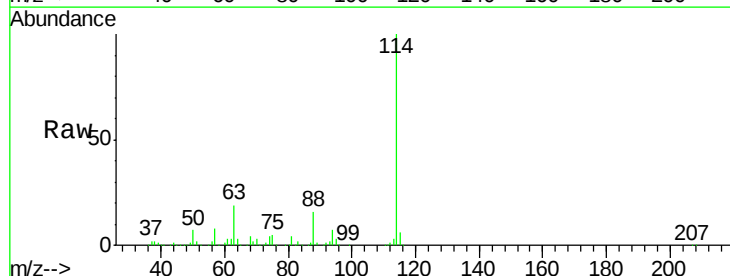
Tgt Ion: 114 Resp: 352710

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.6

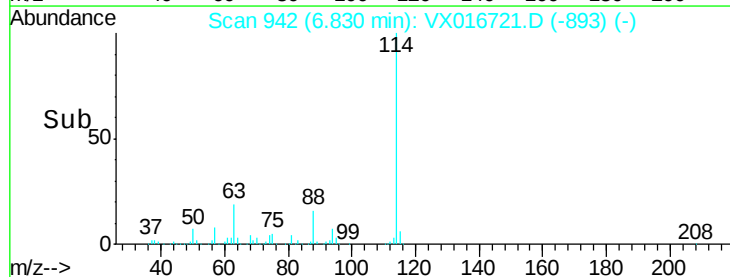
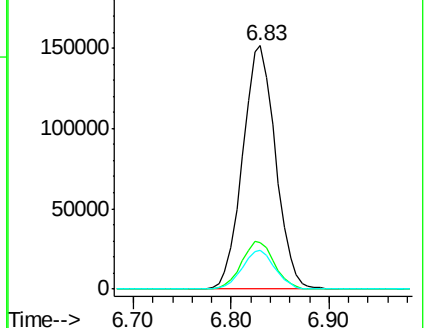
88 16.0 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.593 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

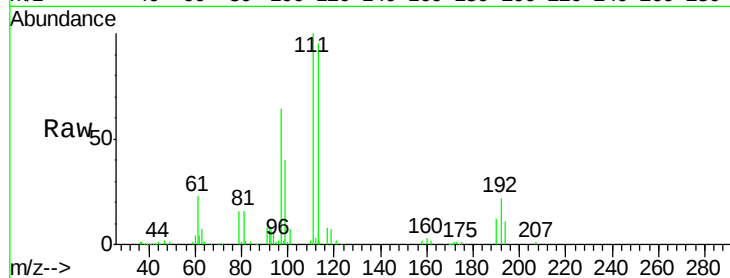
Tot Ion:113 Resp: 114221

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.6

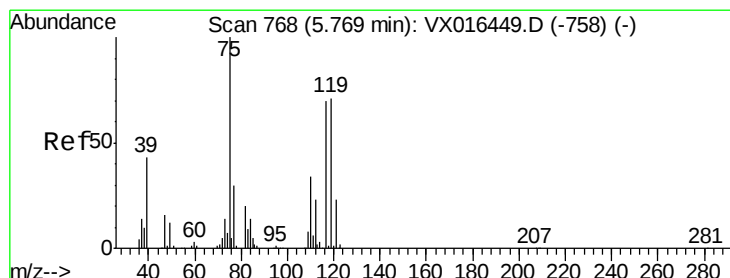
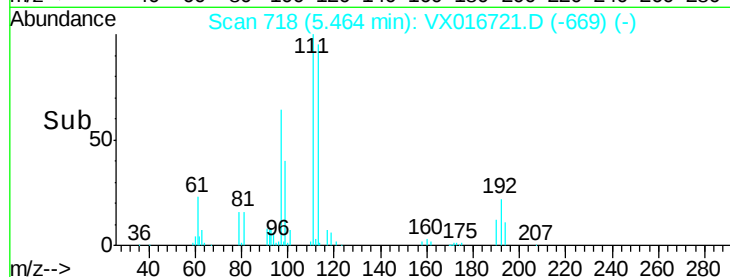
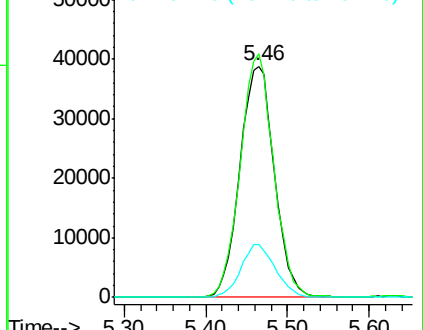
192 22.8 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.751 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

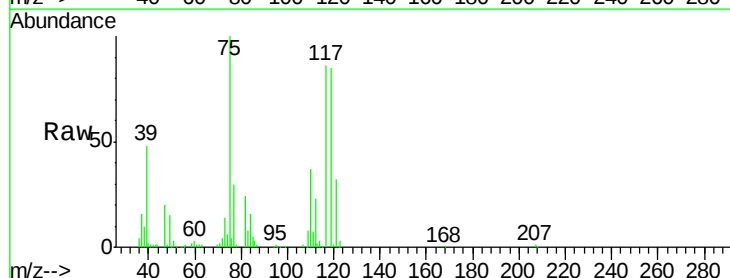
Tgt Ion: 75 Resp: 59281

Ion Ratio Lower Upper

75 100

110 36.4 17.4 52.3

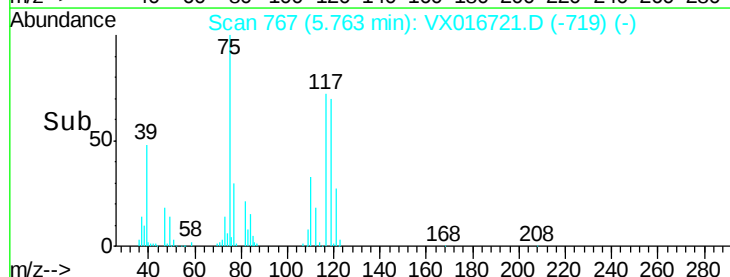
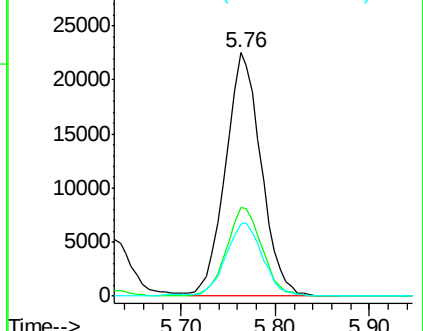
77 31.1 24.2 36.4

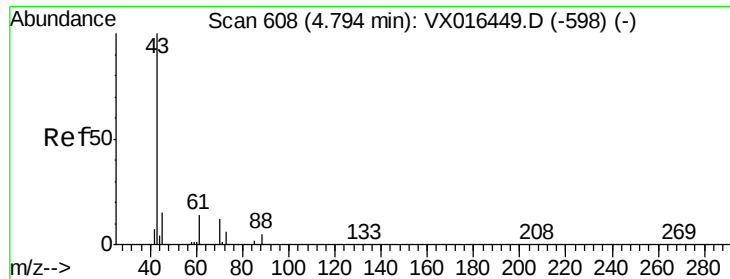


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

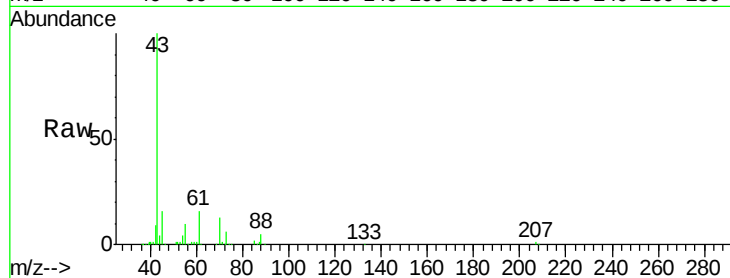




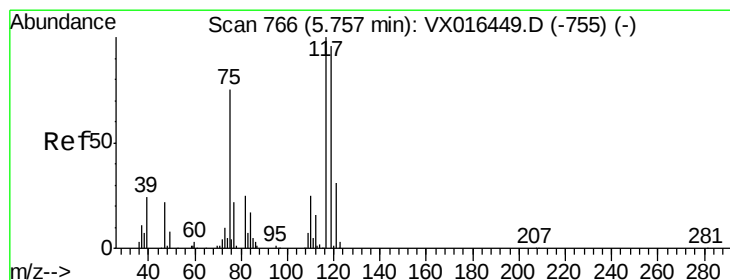
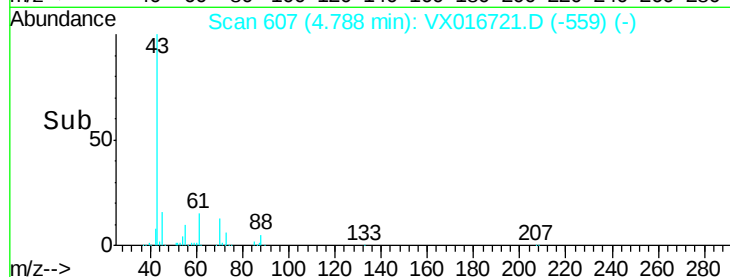
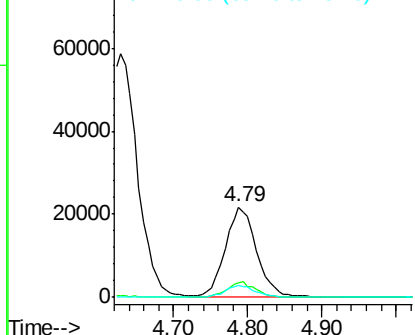
#37
Ethyl Acetate
Concen: 15.770 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 63228
Ion Ratio Lower Upper
43 100
61 15.5 11.3 16.9
70 13.2 9.3 13.9

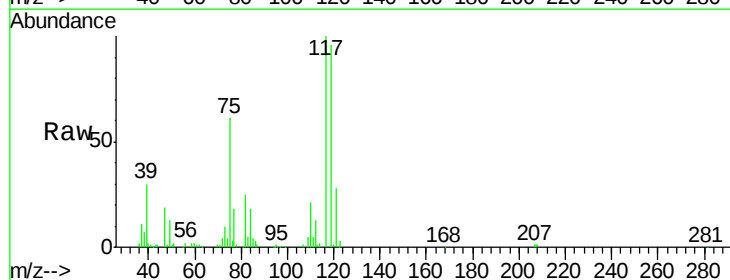


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

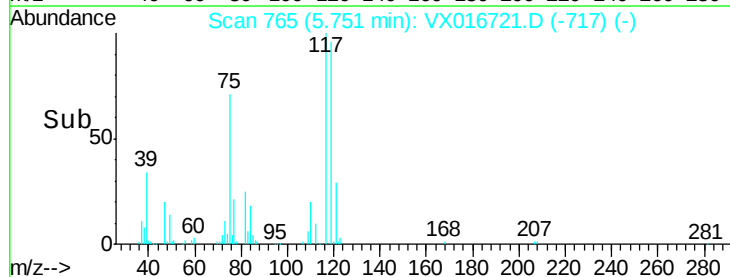
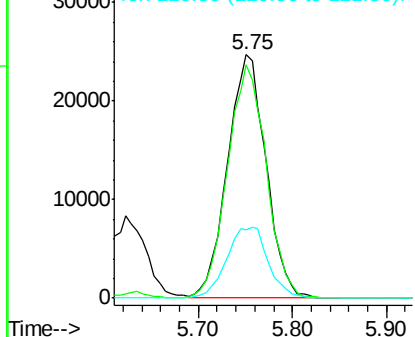


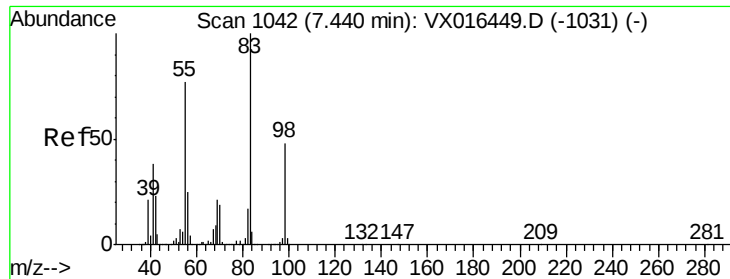
#38
Carbon Tetrachloride
Concen: 20.042 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion: 117 Resp: 70336
Ion Ratio Lower Upper
117 100
119 95.9 76.3 114.5
121 28.2 24.6 37.0



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

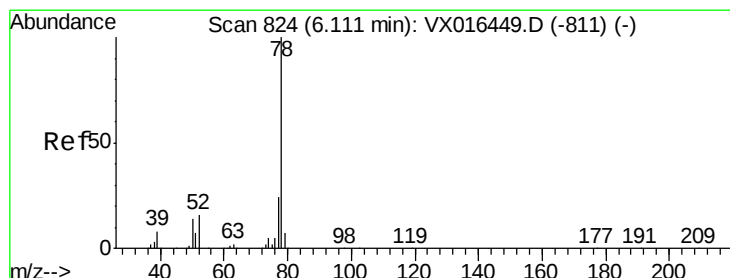
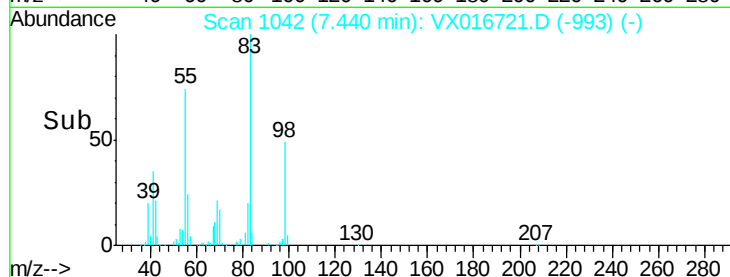
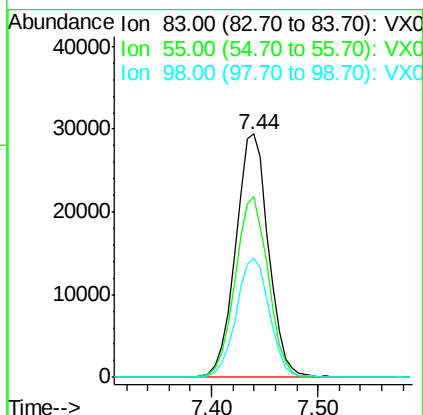
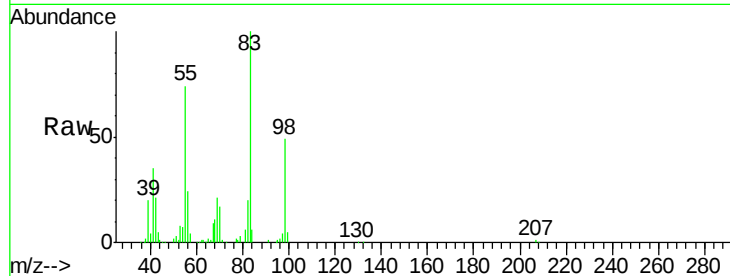




#39
Methylvlcyclohexane
Concen: 17.597 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

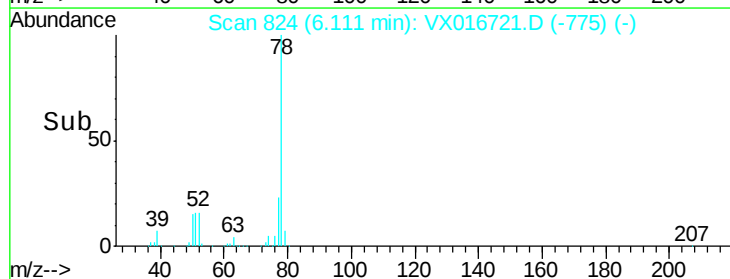
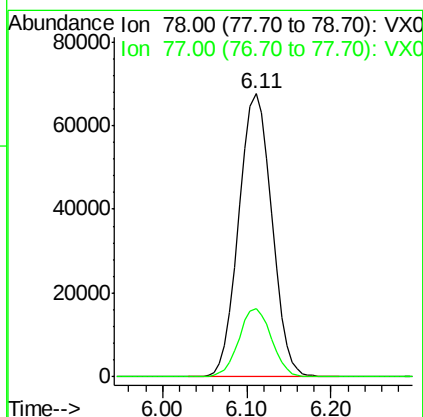
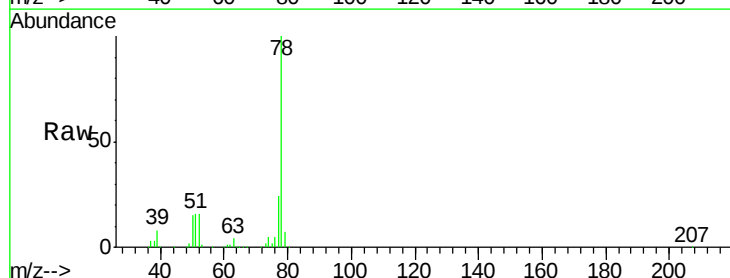
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 63829
Ion Ratio Lower Upper
83 100
55 74.5 61.7 92.5
98 49.2 38.7 58.1



#40
Benzene
Concen: 18.066 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion: 78 Resp: 179667
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

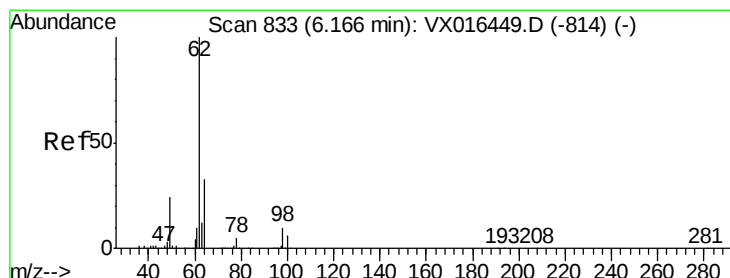
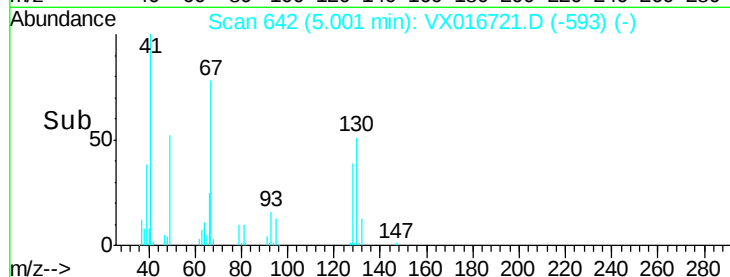
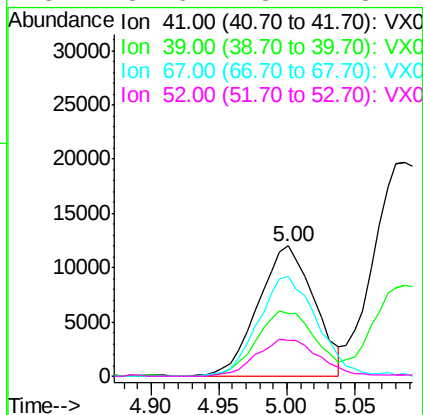
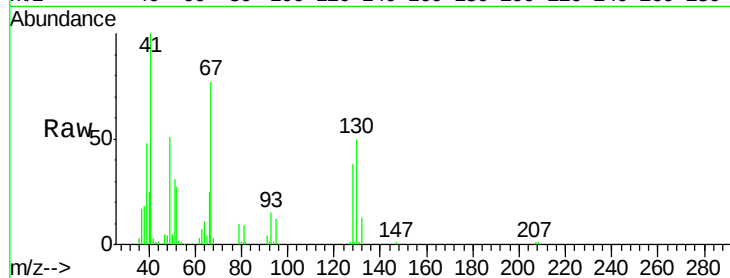




#41
Methacrylonitrile
Concen: 15.766 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

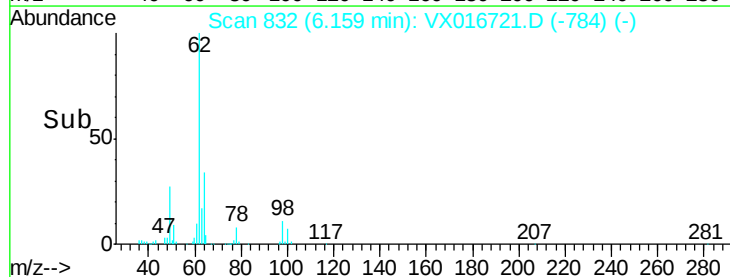
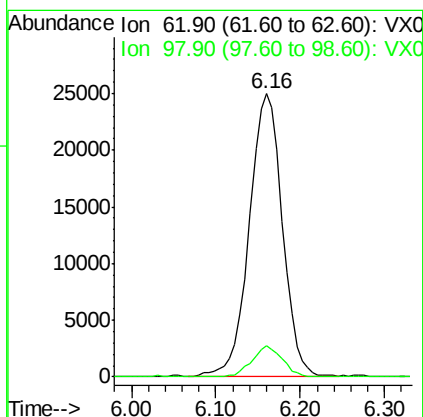
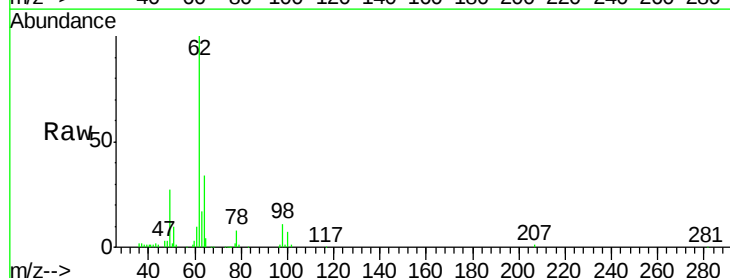
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	34721
Ion	Ratio	Lower	Upper
41	100		
39	52.6	43.0	64.4
67	80.6	58.9	88.3
52	31.6	23.1	34.7



#42
1,2-Dichloroethane
Concen: 18.929 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion:	62	Resp:	66947
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8

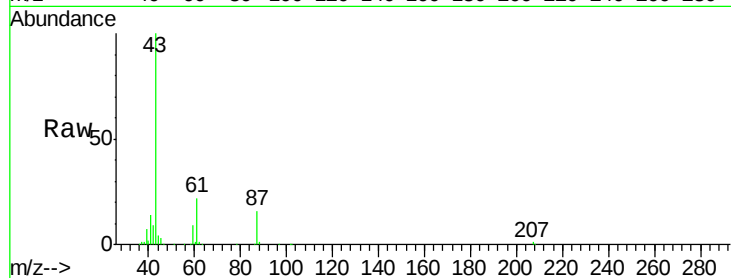




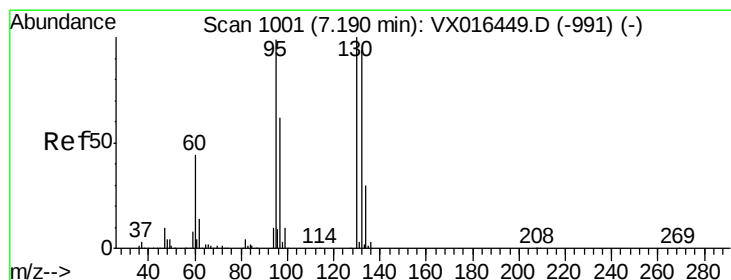
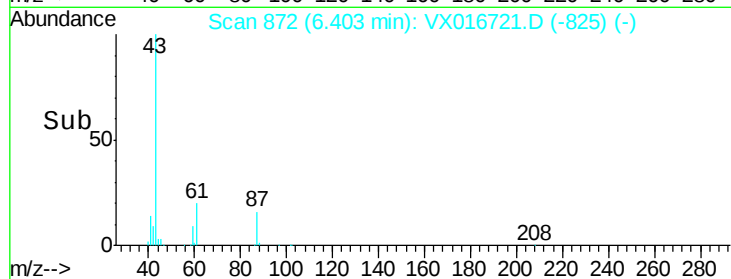
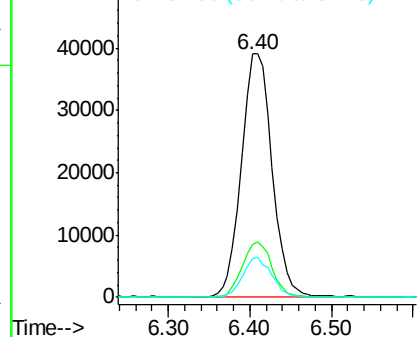
#43
Isopropyl Acetate
Concen: 16.211 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	16.8	25.2
87	15.7	11.2	16.8

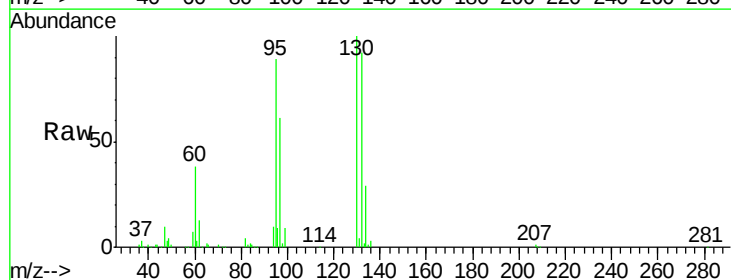


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

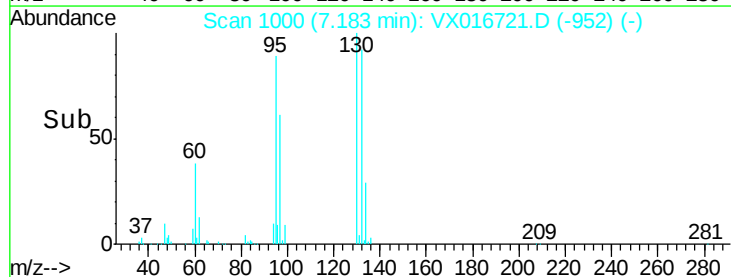
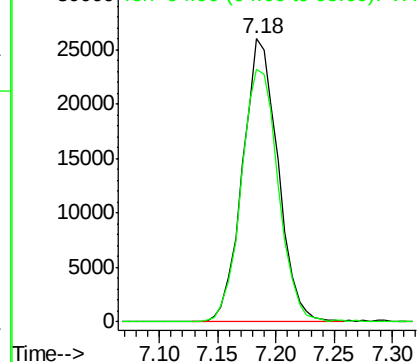


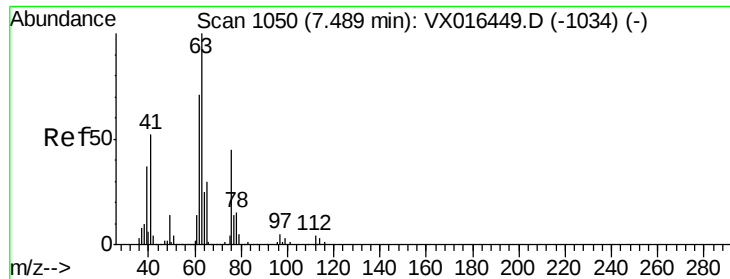
#44
Trichloroethene
Concen: 17.465 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	198.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.050 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

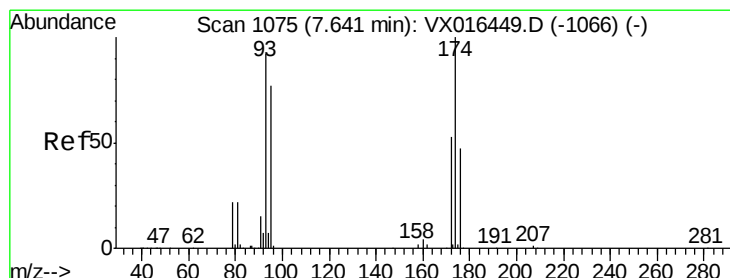
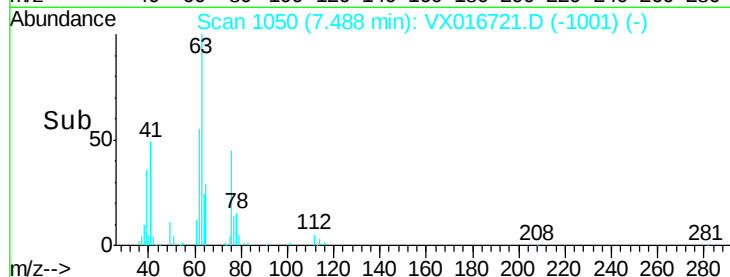
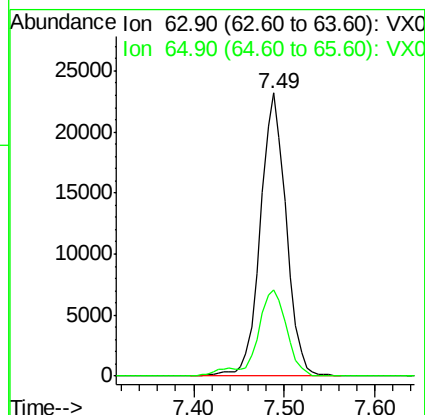
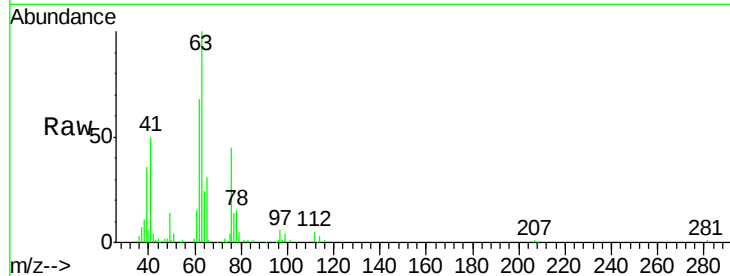
ClientSampled :

Tot Ion: 63 Resp: 45698

Ion Ratio Lower Upper

63 100

65 30.7 24.2 36.2



#46

Dibromomethane

Concen: 18.633 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

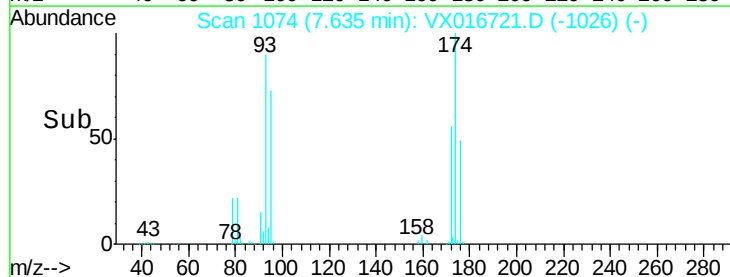
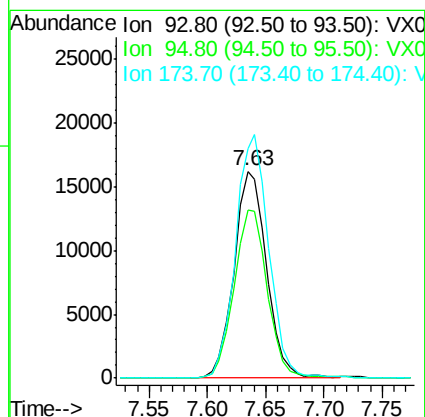
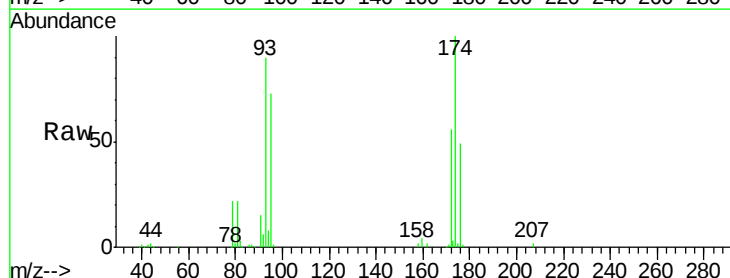
Tgt Ion: 93 Resp: 31686

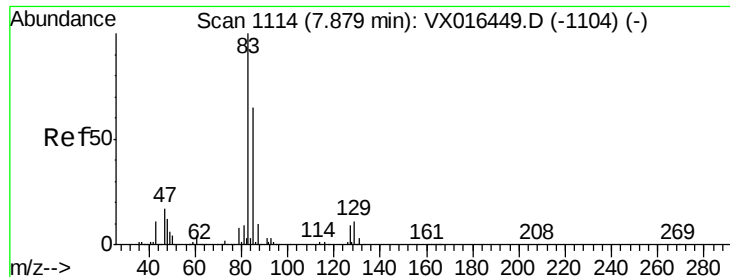
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 119.3 86.2 129.4





#47

Bromodichloromethane

Concen: 19.485 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

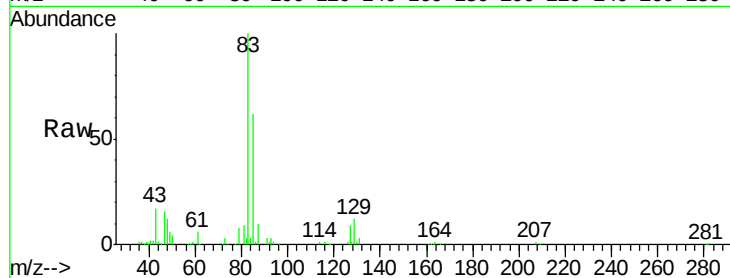
Tot Ion: 83 Resp: 68605

Ion Ratio Lower Upper

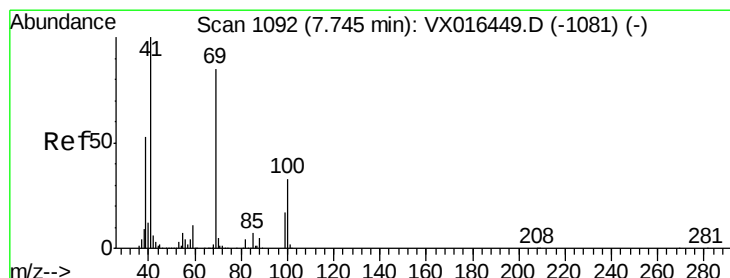
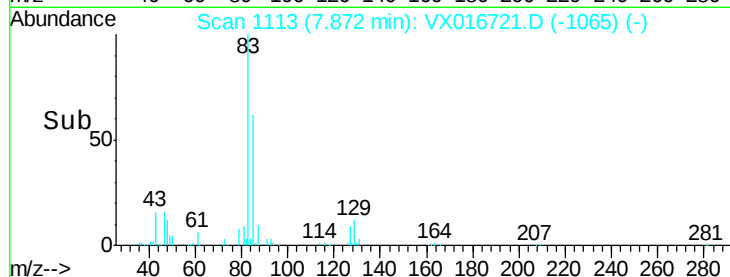
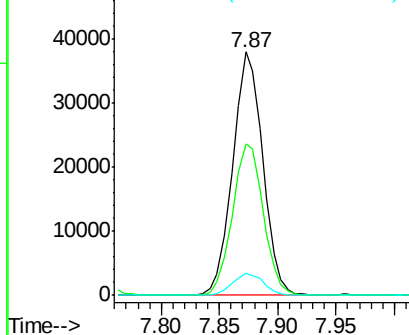
83 100

85 62.4 52.0 78.0

127 9.1 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 15.665 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

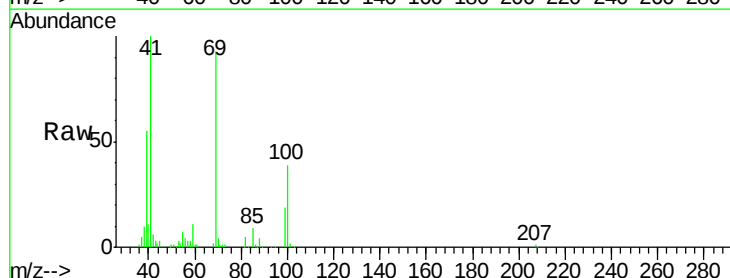
Tgt Ion: 41 Resp: 46907

Ion Ratio Lower Upper

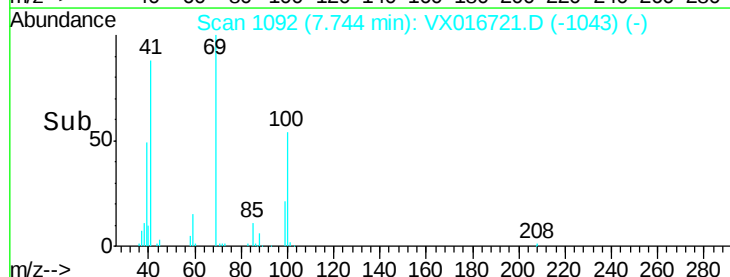
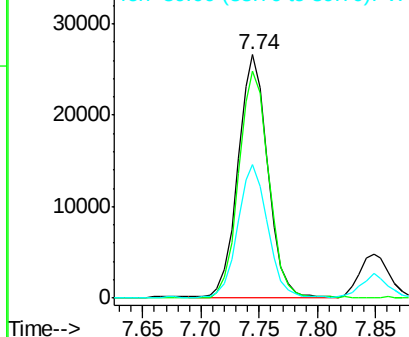
41 100

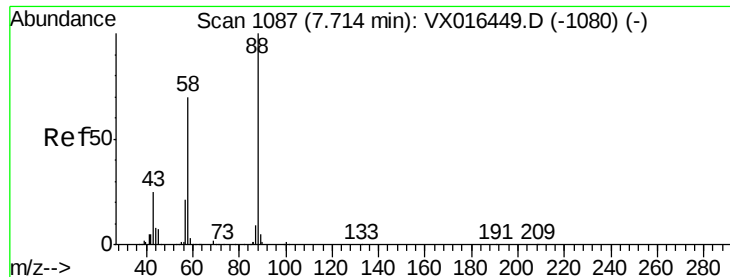
69 95.6 68.6 102.8

39 55.3 42.4 63.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 356.359 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

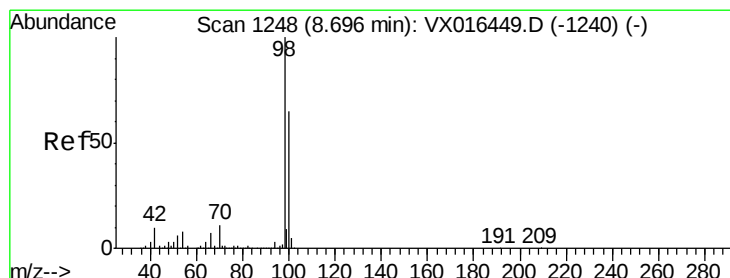
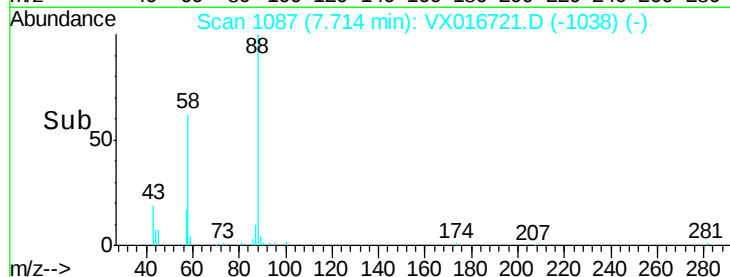
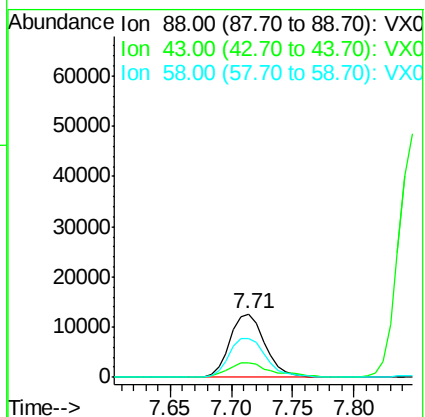
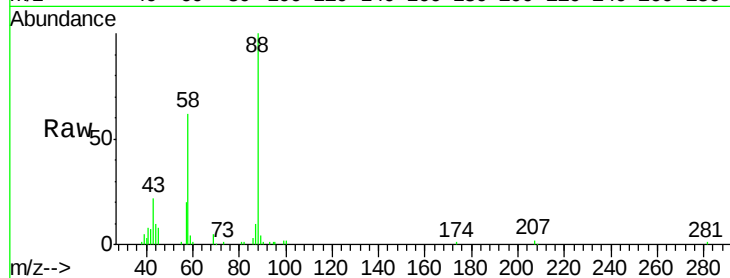
Tot Ion: 88 Resp: 24972

Ion Ratio Lower Upper

88 100

43 30.1 24.2 36.4

58 66.0 56.5 84.7



#50

Toluene-d8

Concen: 50.443 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016721.D

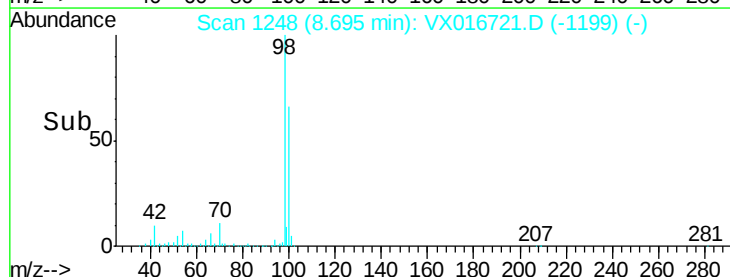
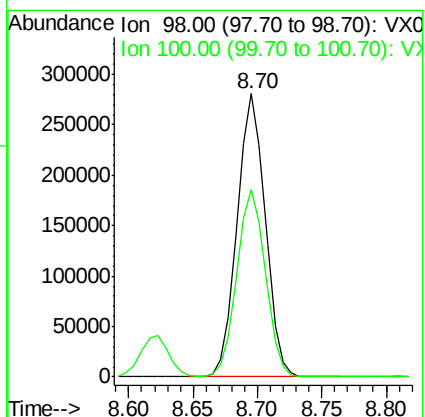
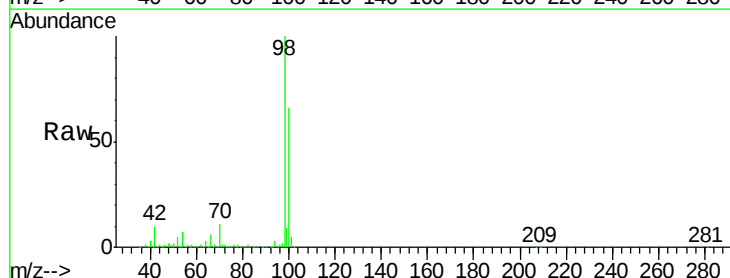
Acq: 12 Jun 2020 12:31

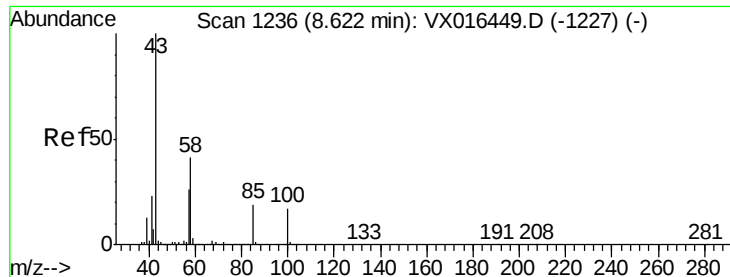
Tgt Ion: 98 Resp: 426402

Ion Ratio Lower Upper

98 100

100 66.8 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 83.277 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

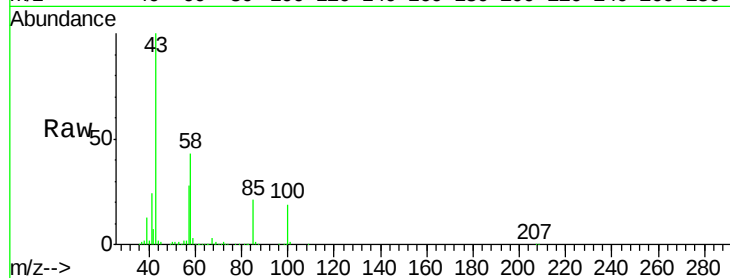
ClientSampled :

Tot Ion: 43 Resp: 324283

Ion Ratio Lower Upper

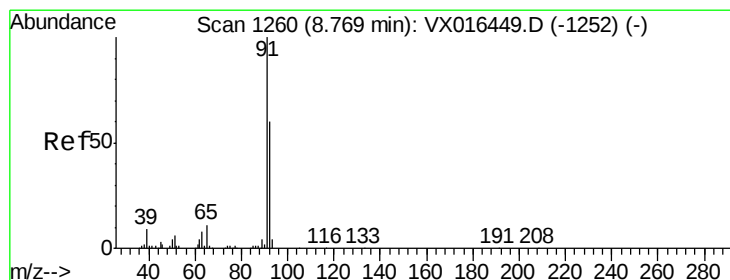
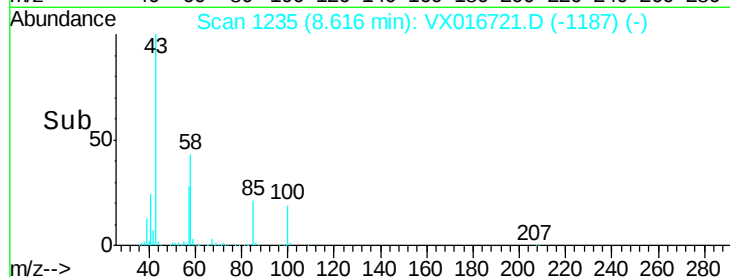
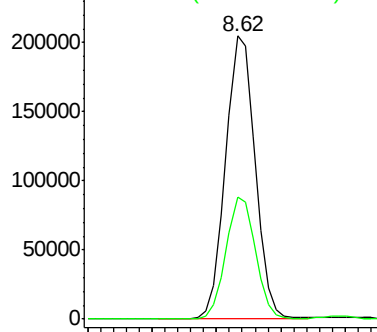
43 100

58 43.0 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.056 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016721.D

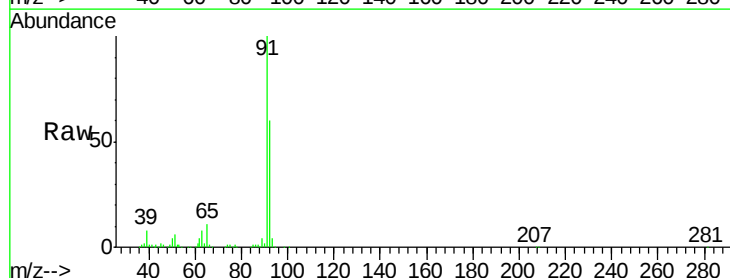
Acq: 12 Jun 2020 12:31

Tgt Ion: 92 Resp: 119502

Ion Ratio Lower Upper

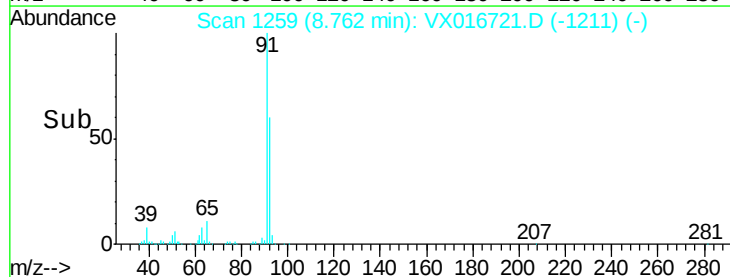
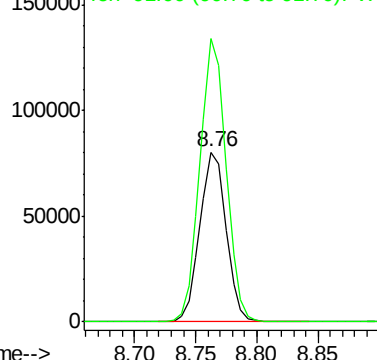
92 100

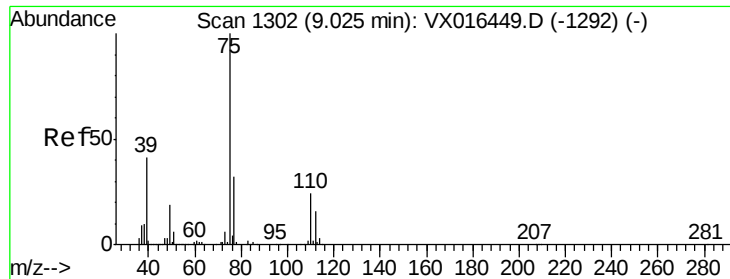
91 165.9 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

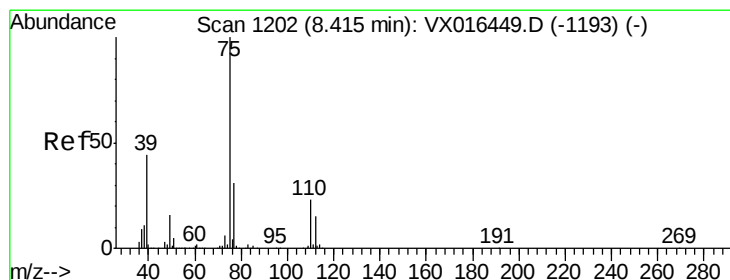
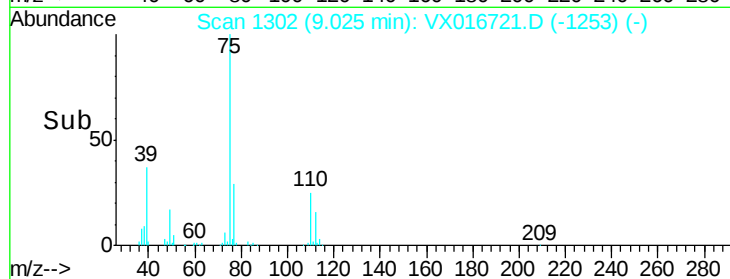
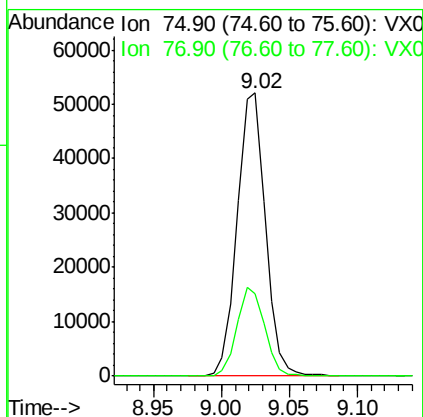
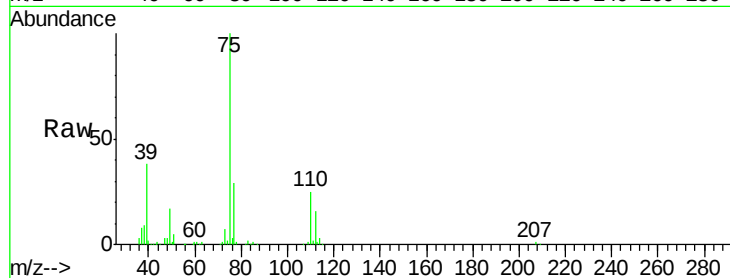




#53
t-1,3-Dichloropropene
Concen: 18.813 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

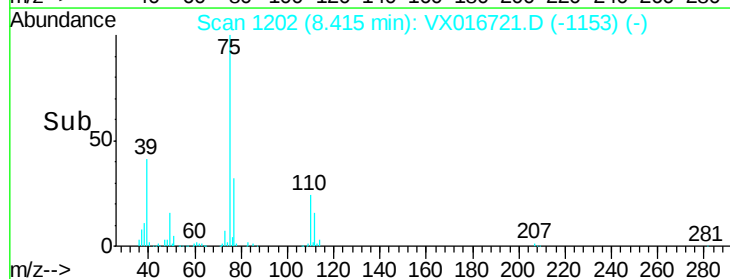
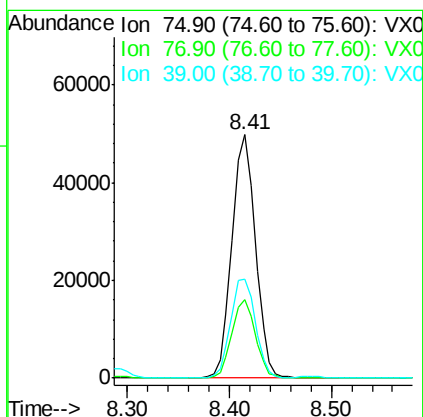
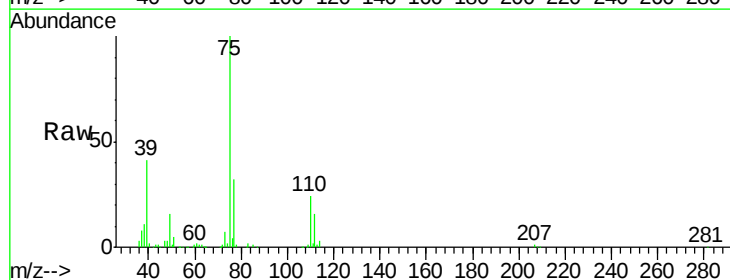
Instrument :
MSVOA_X
ClientSampled :

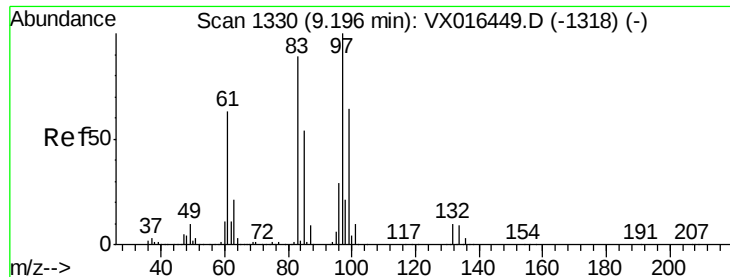
Tot Ion: 75 Resp: 75323
Ion Ratio Lower Upper
75 100
77 29.1 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 18.753 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion: 75 Resp: 79471
Ion Ratio Lower Upper
75 100
77 32.4 24.6 36.8
39 40.5 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 19.525 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 48683

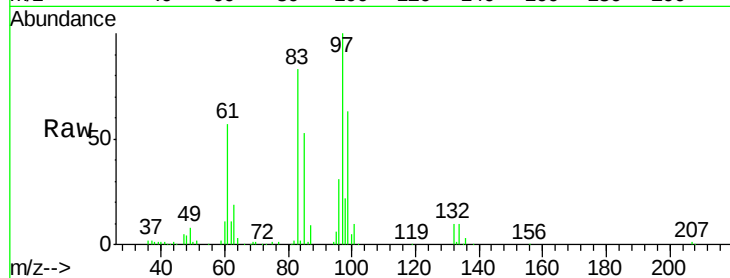
Ion Ratio Lower Upper

97 100

83 82.9 70.9 106.3

85 52.5 43.4 65.2

99 62.6 51.0 76.6

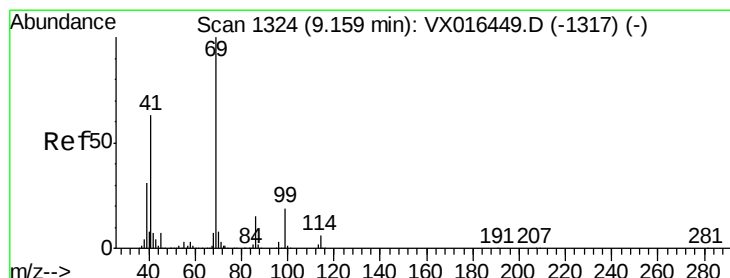
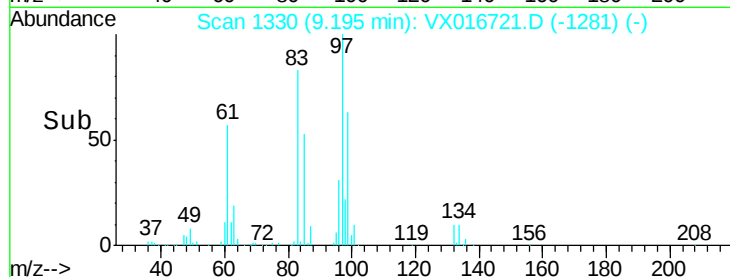
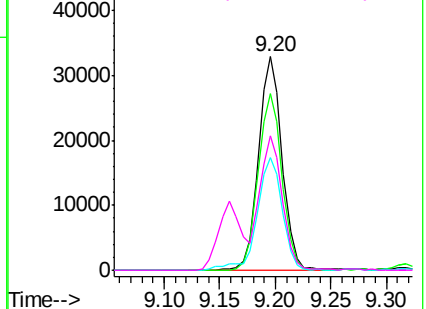


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.263 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

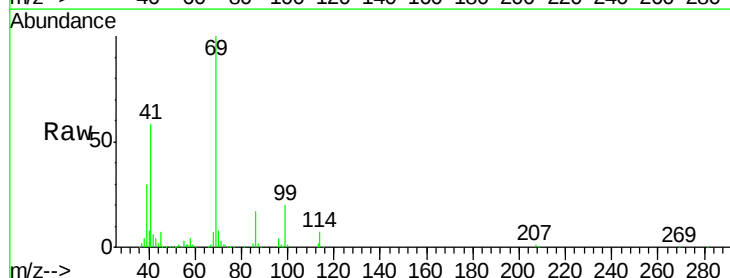
Tgt Ion: 69 Resp: 70104

Ion Ratio Lower Upper

69 100

41 59.1 50.7 76.1

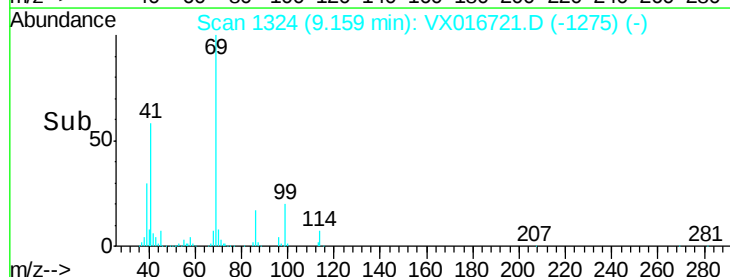
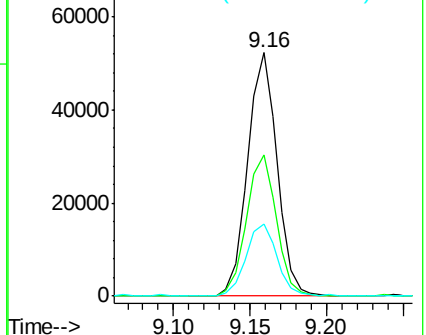
39 32.3 25.8 38.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.055 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

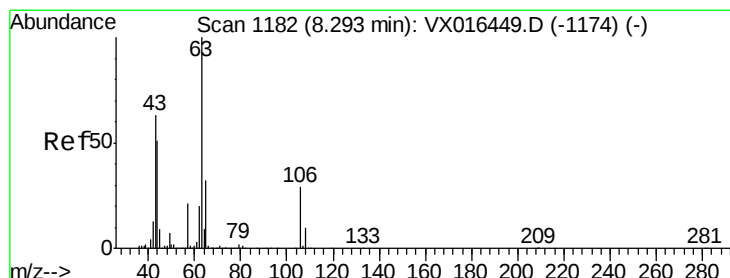
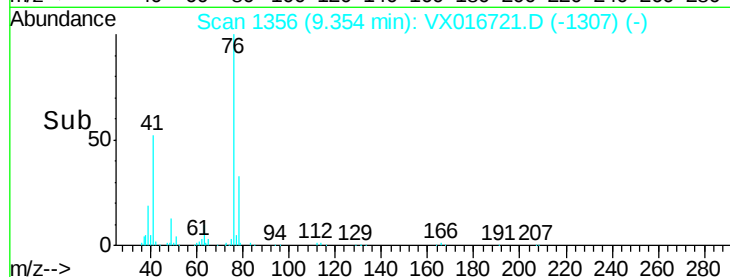
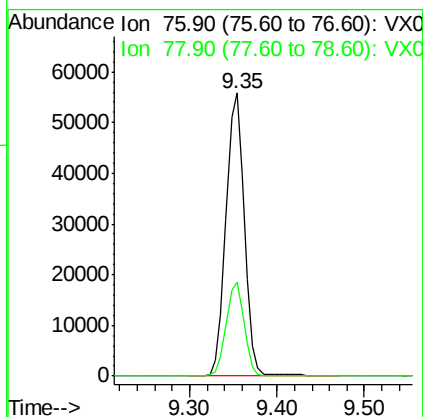
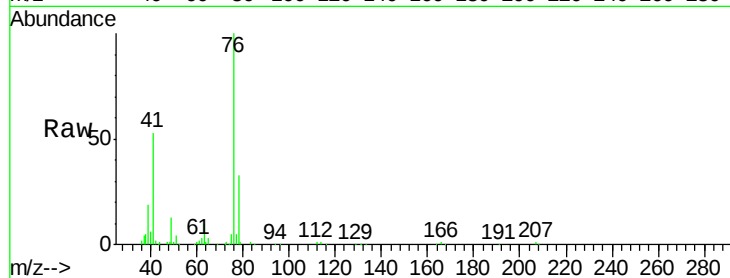
ClientSampleId :

Tot Ion: 76 Resp: 81551

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 84.319 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016721.D

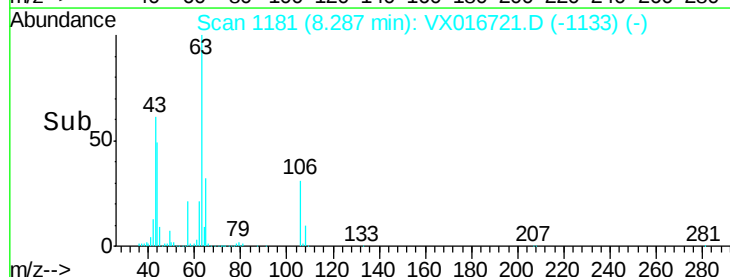
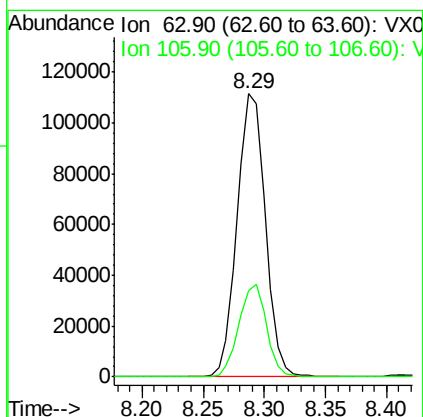
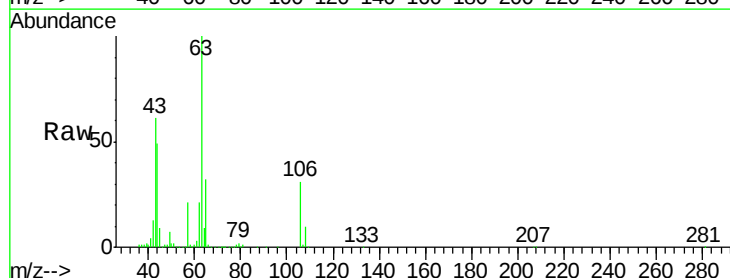
Acq: 12 Jun 2020 12:31

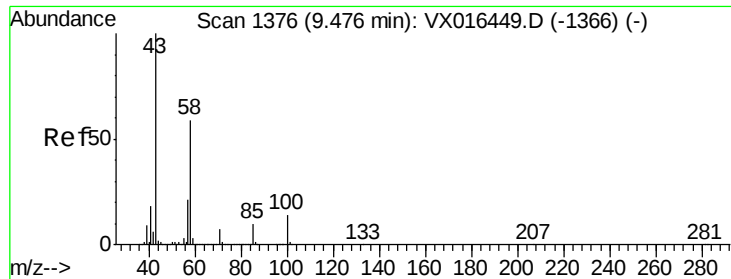
Tgt Ion: 63 Resp: 178723

Ion Ratio Lower Upper

63 100

106 32.1 23.2 34.8

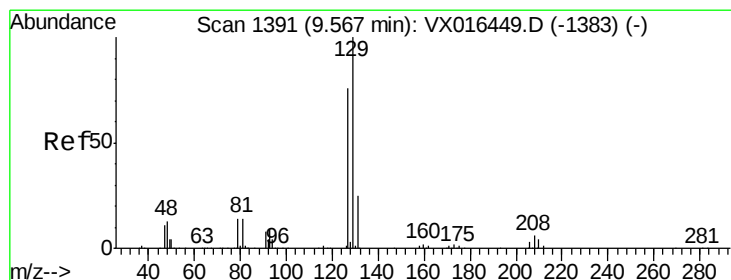
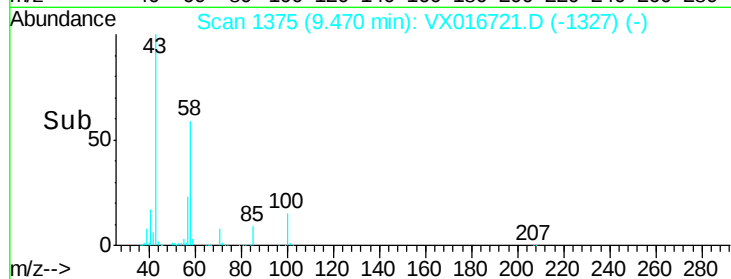
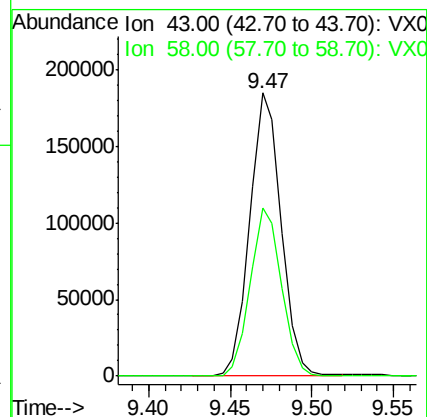
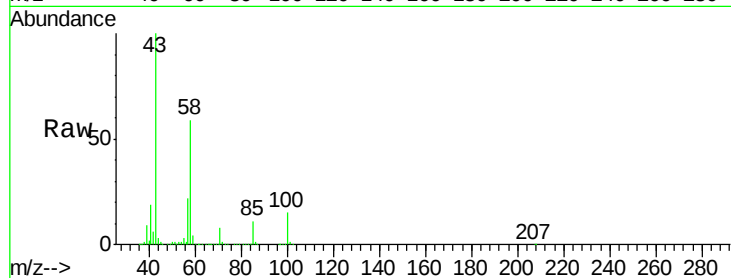




#59
2-Hexanone
Concen: 81.936 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

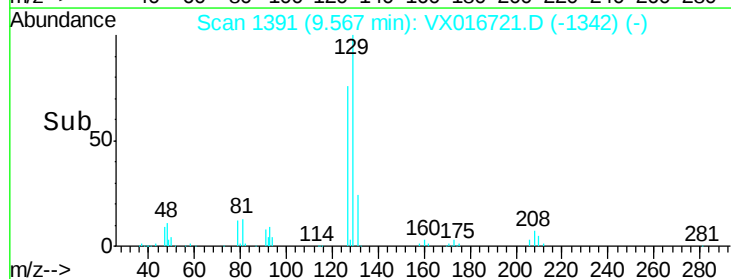
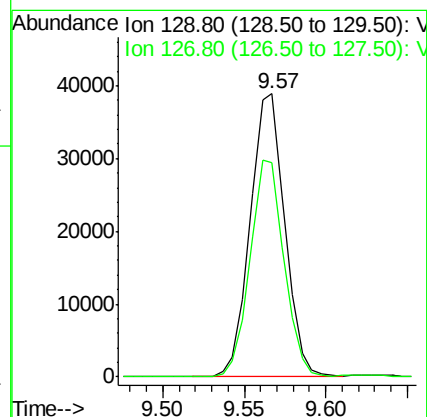
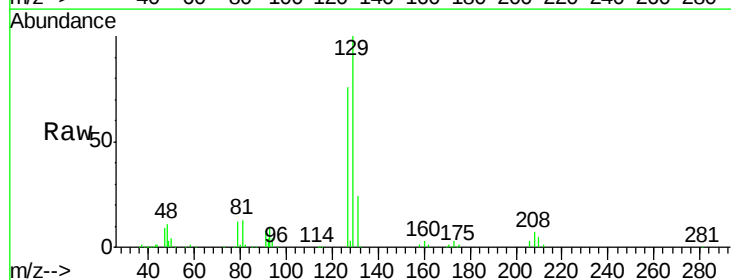
Instrument :
MSVOA_X
ClientSampleId :

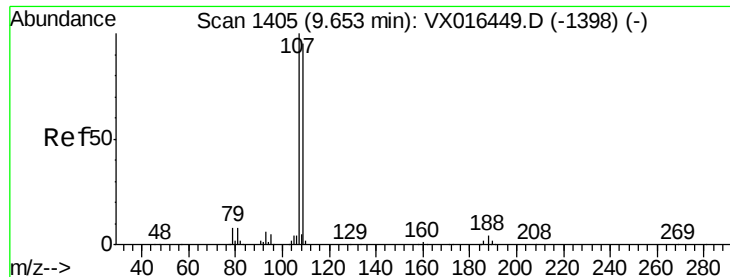
Tot Ion: 43 Resp: 248122
Ion Ratio Lower Upper
43 100
58 59.3 28.8 86.4



#60
Dibromochloromethane
Concen: 20.522 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion: 129 Resp: 57585
Ion Ratio Lower Upper
129 100
127 75.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.424 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

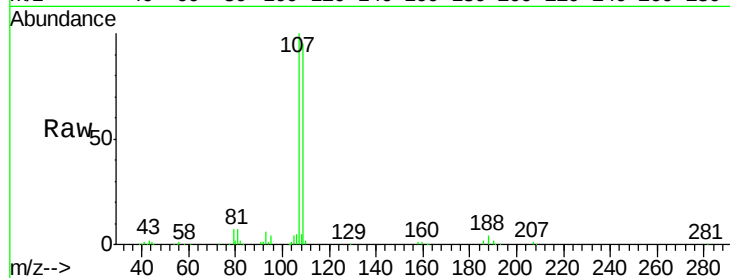
ClientSampleId :

Tot Ion:107 Resp: 51863

Ion Ratio Lower Upper

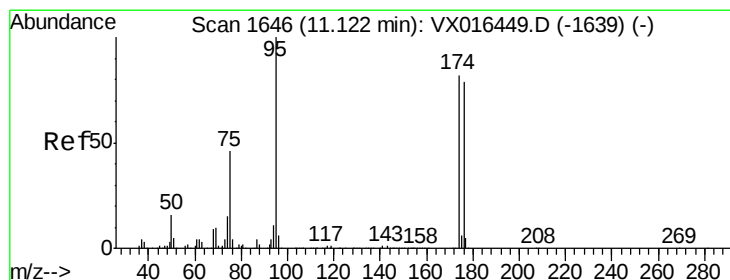
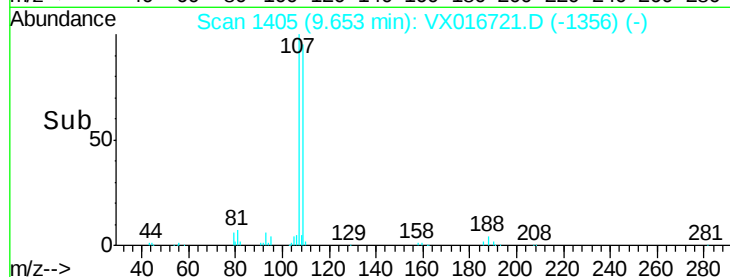
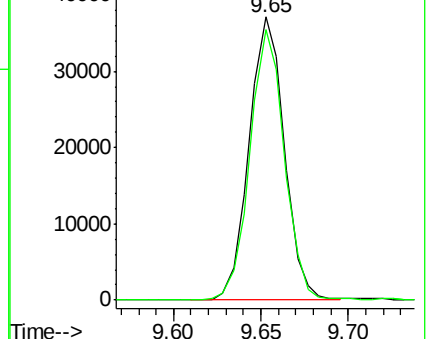
107 100

109 93.9 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.693 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

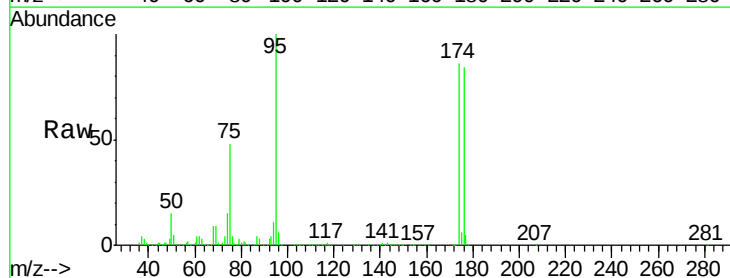
Tgt Ion: 95 Resp: 162311

Ion Ratio Lower Upper

95 100

174 85.7 0.0 163.0

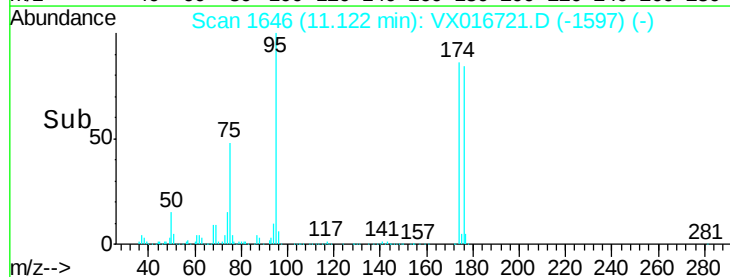
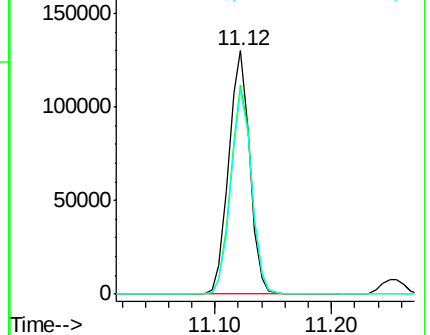
176 83.1 0.0 156.8

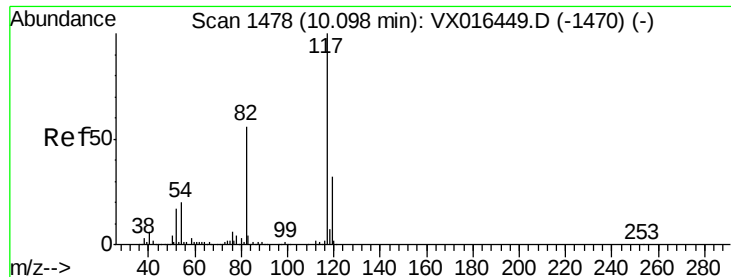


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

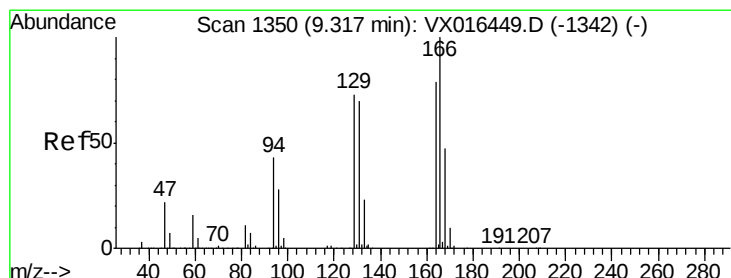
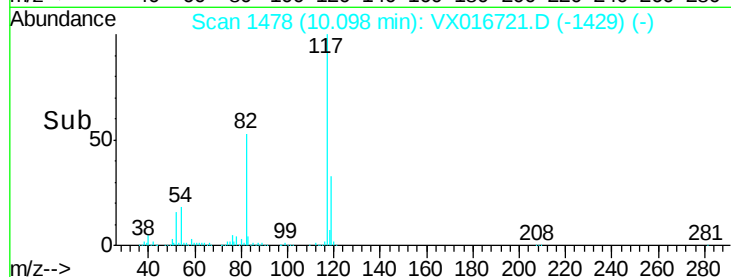
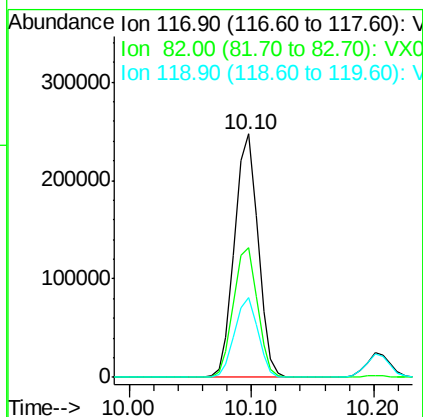
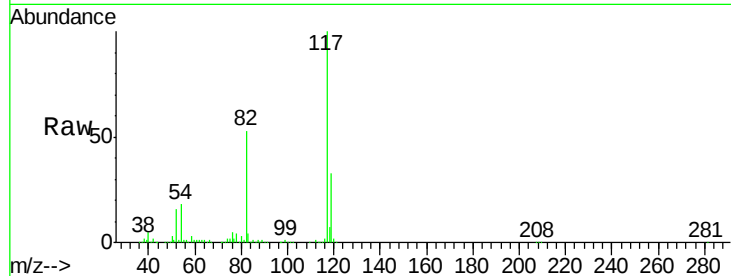




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

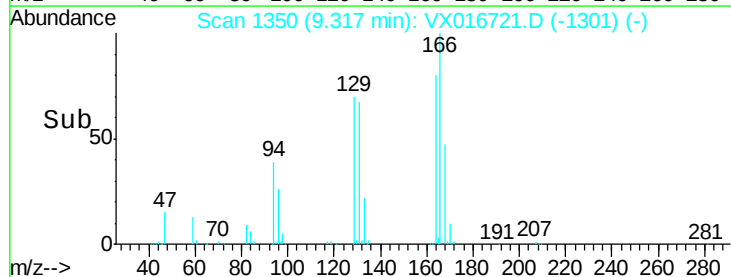
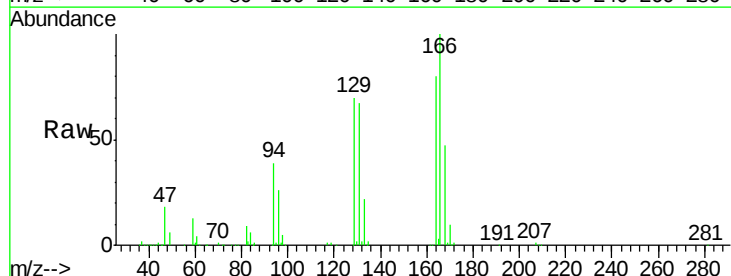
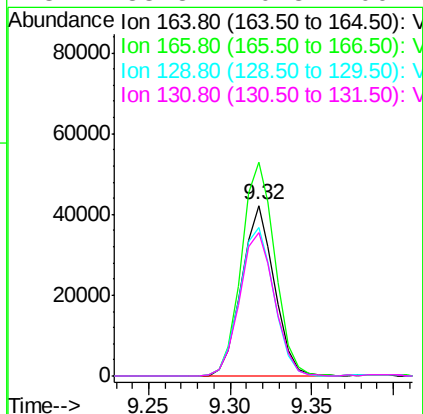
Instrument :
MSVOA_X
ClientSampleId :

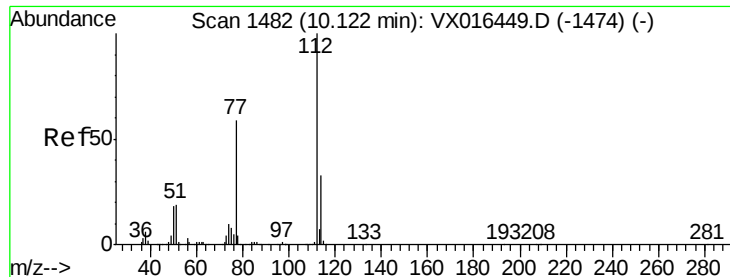
Tot Ion:117 Resp: 330061
Ion Ratio Lower Upper
117 100
82 53.1 45.0 67.6
119 32.9 25.8 38.8



#64
Tetrachloroethene
Concen: 15.950 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion:164 Resp: 58897
Ion Ratio Lower Upper
164 100
166 125.2 100.9 151.3
129 87.3 73.2 109.8
131 83.8 70.8 106.2





#65

Chlorobenzene

Concen: 19.101 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

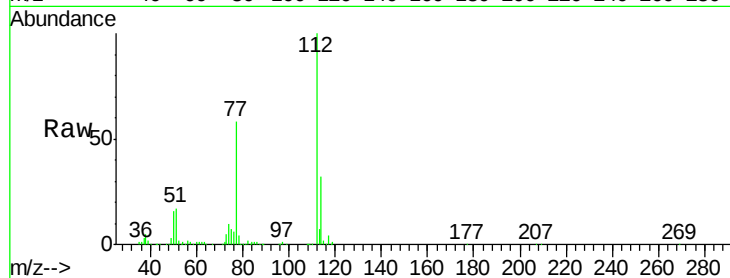
ClientSampled :

Tot Ion:112 Resp: 128532

Ion Ratio Lower Upper

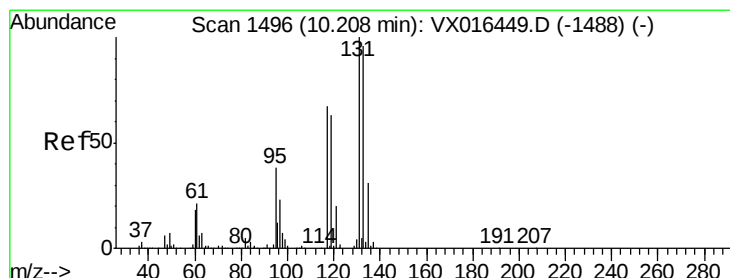
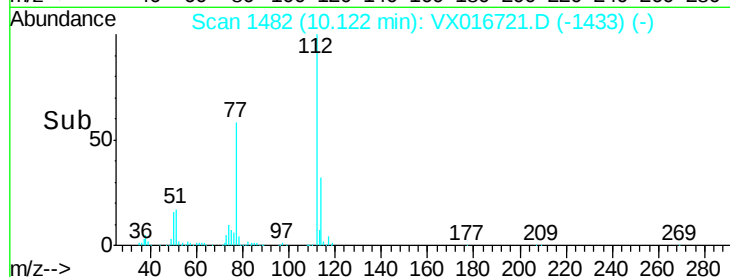
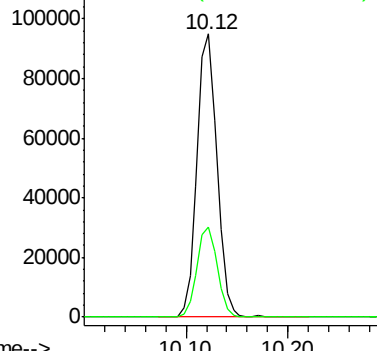
112 100

114 31.6 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.597 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

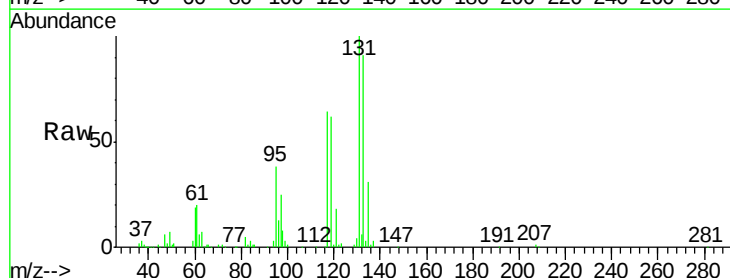
Tgt Ion:131 Resp: 52906

Ion Ratio Lower Upper

131 100

133 95.5 48.4 145.3

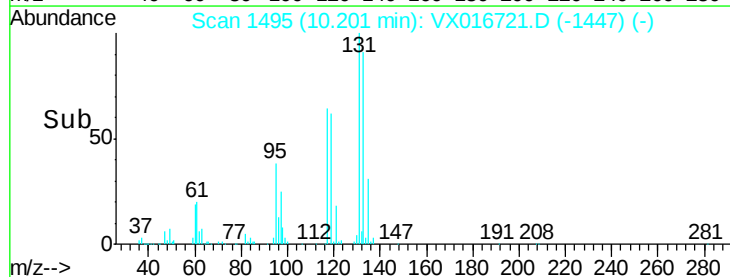
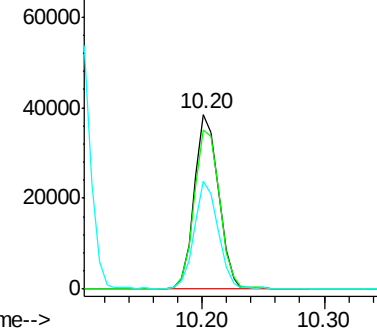
119 60.9 32.0 96.2

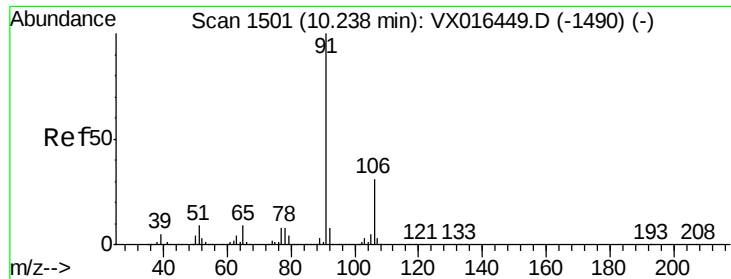


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

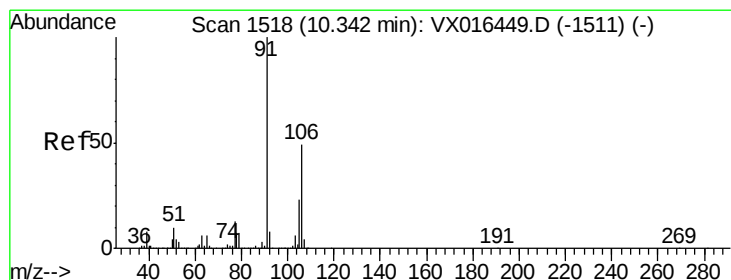
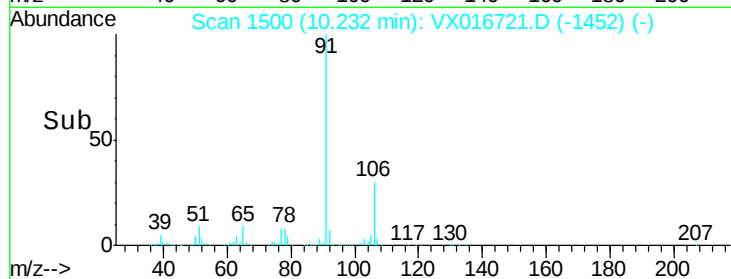
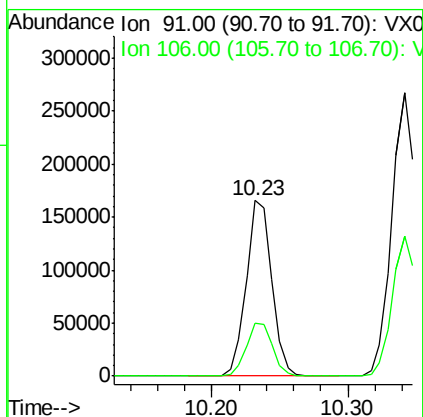
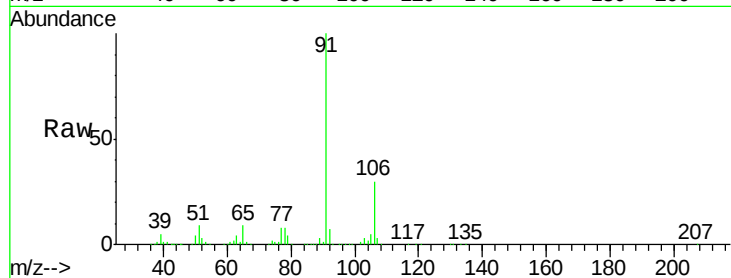




#67
Ethyl Benzene
Concen: 18.249 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

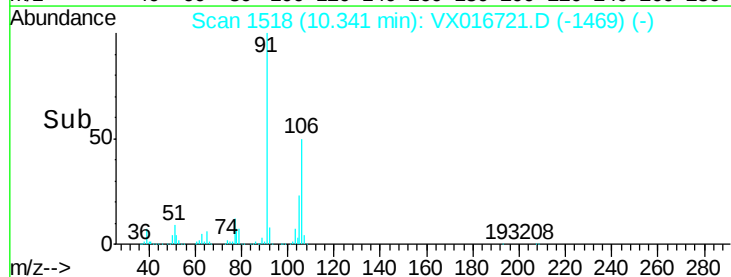
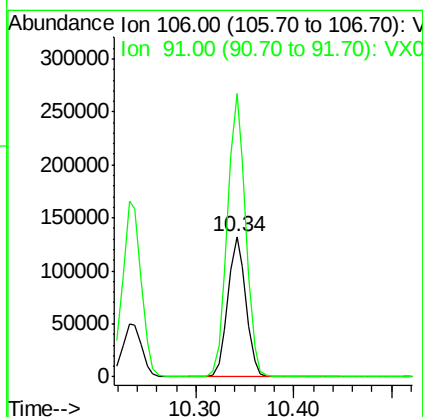
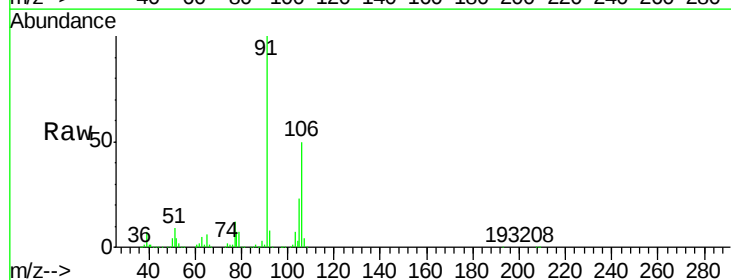
Instrument :
MSVOA_X
ClientSampleId :

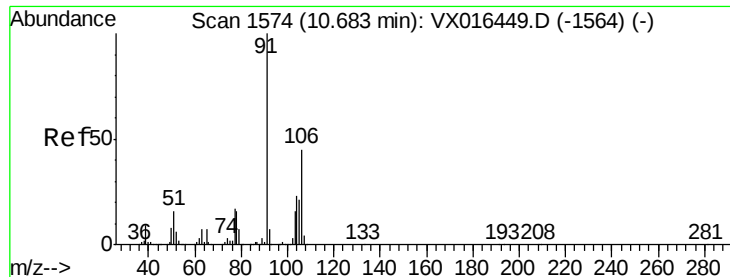
Tot Ion: 91 Resp: 218633
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4



#68
m/p-Xylenes
Concen: 38.243 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion: 106 Resp: 169878
Ion Ratio Lower Upper
106 100
91 203.8 163.8 245.8

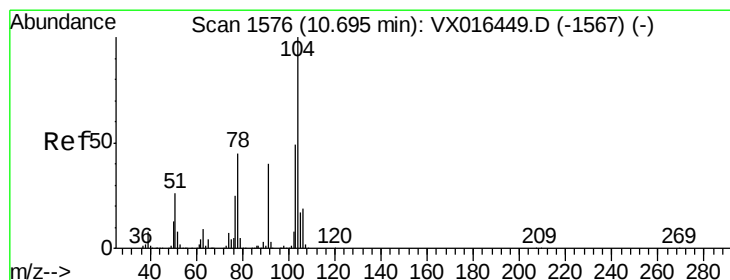
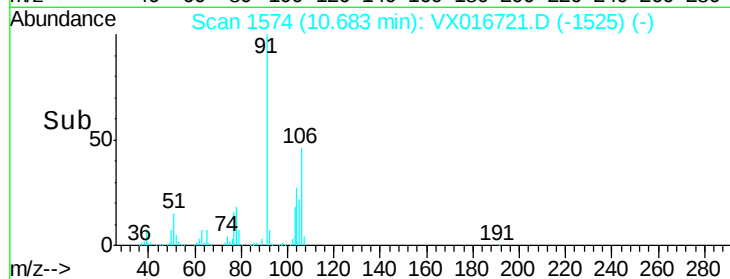
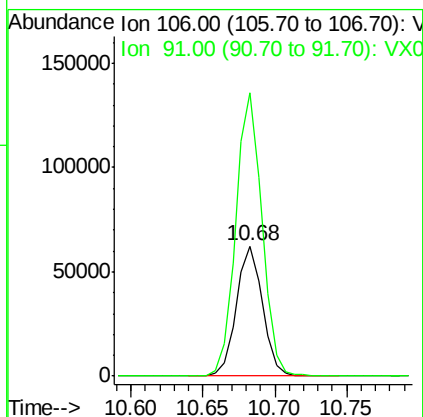
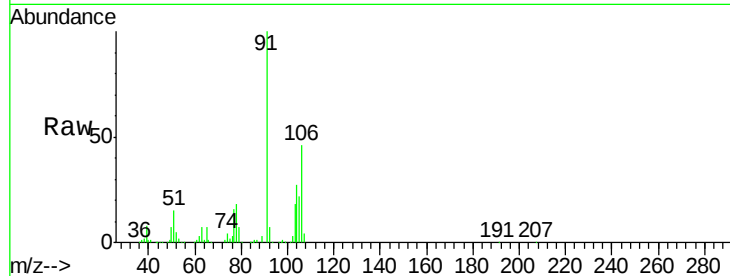




#69
o-Xylene
Concen: 18.372 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

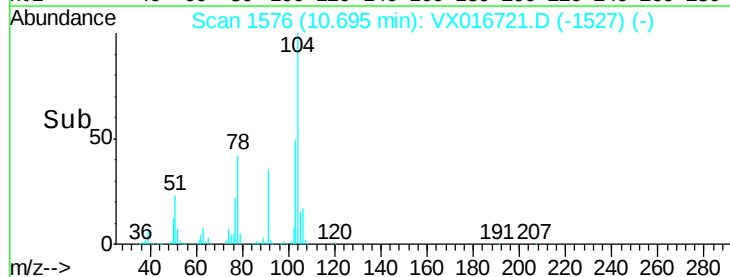
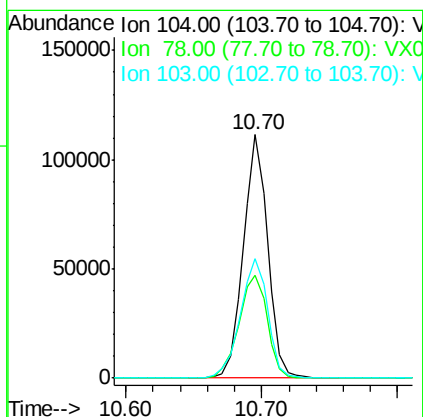
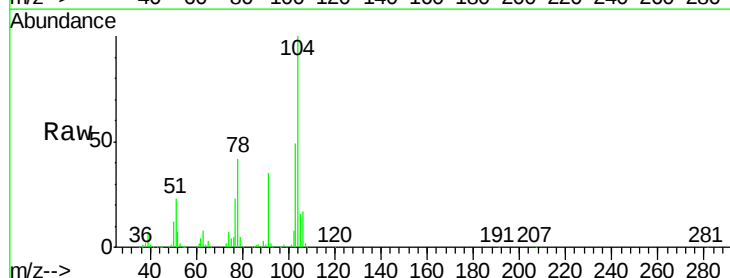
Instrument :
MSVOA_X
ClientSampled :

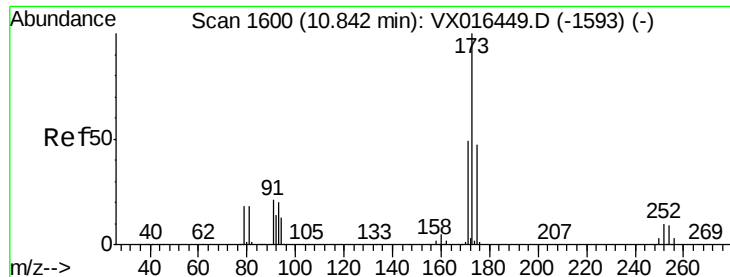
Tot Ion:106 Resp: 79036
Ion Ratio Lower Upper
106 100
91 217.7 109.6 328.8



#70
Styrene
Concen: 18.822 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion:104 Resp: 139177
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 55.4 43.1 64.7





#71

Bromoform

Concen: 20.664 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampled :

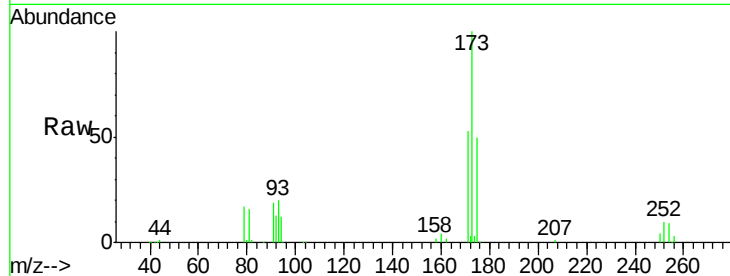
Tot Ion:173 Resp: 44858

Ion Ratio Lower Upper

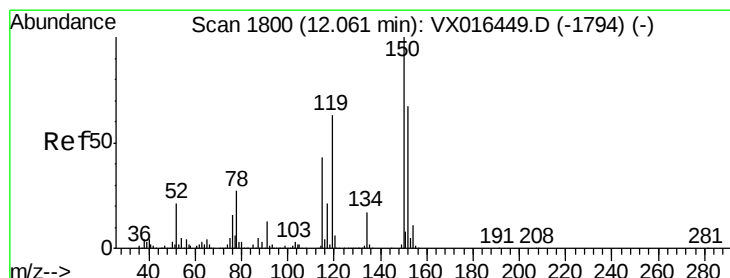
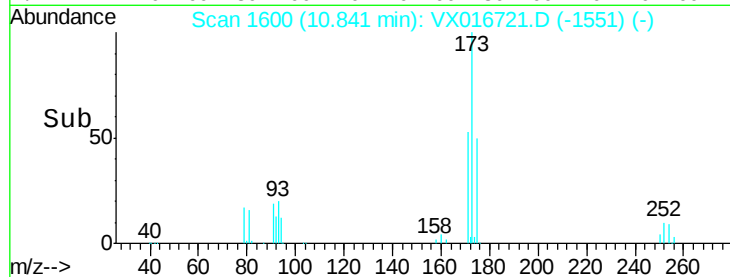
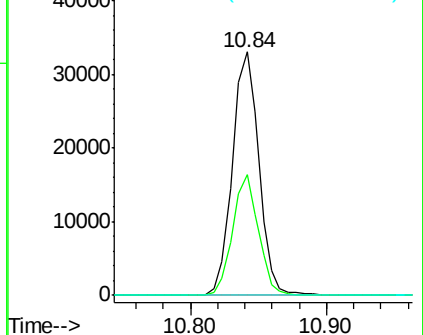
173 100

175 47.9 23.9 71.7

254 0.0 0.1 0.1#



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

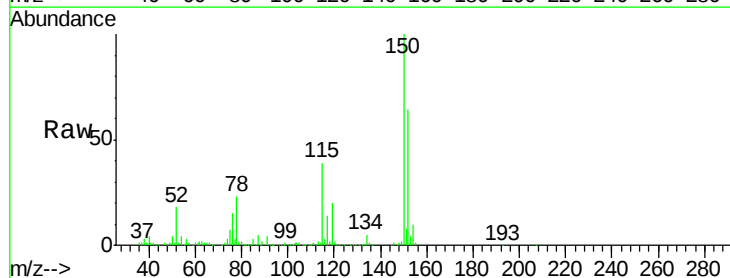
Tgt Ion:152 Resp: 172062

Ion Ratio Lower Upper

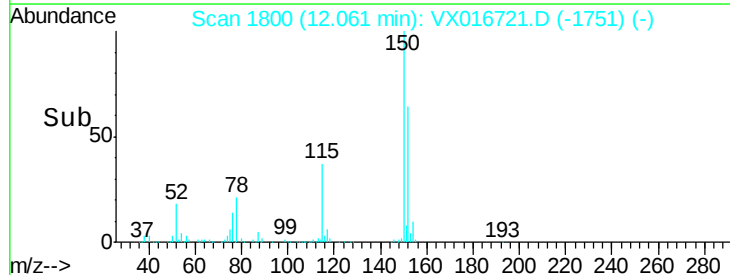
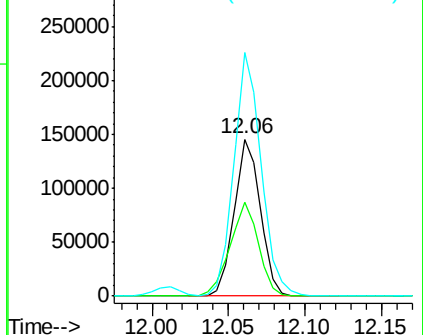
152 100

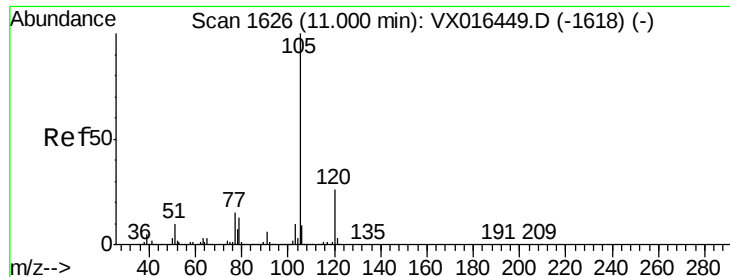
115 65.6 39.9 119.6

150 162.5 0.0 341.0



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: 18.196 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

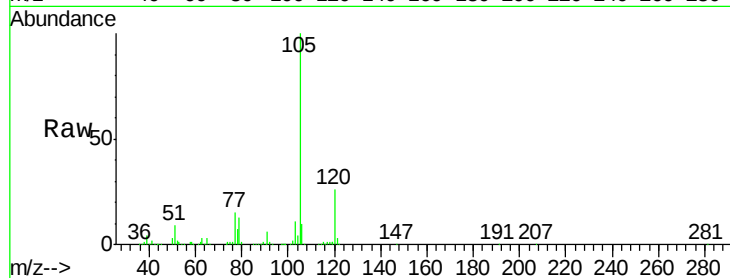
ClientSampleId :

Tot Ion: 105 Resp: 216932

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

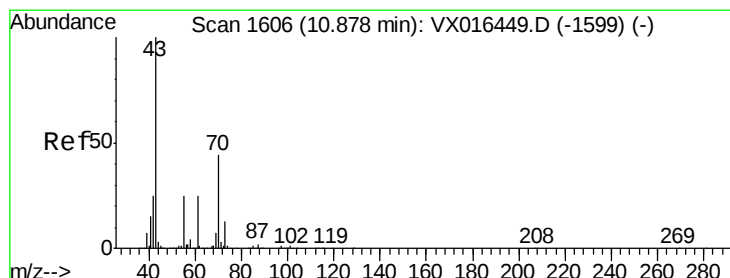
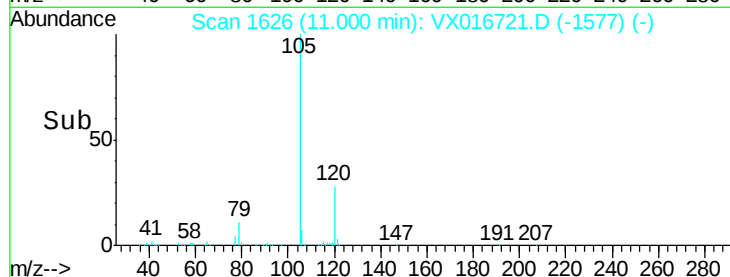
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 14.796 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Tgt Ion: 43 Resp: 81135

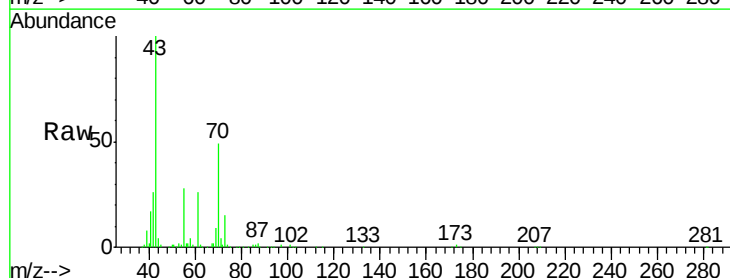
Ion Ratio Lower Upper

43 100

70 48.8 36.1 54.1

55 27.6 20.2 30.4

61 27.1 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

40000

20000

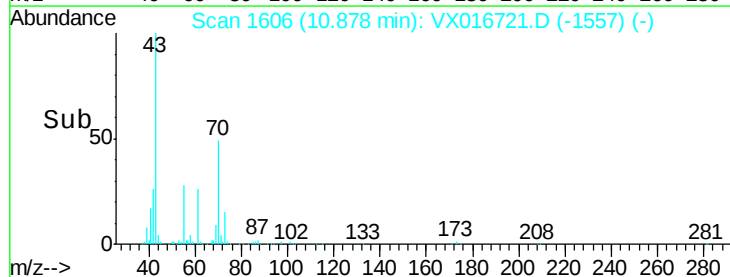
0

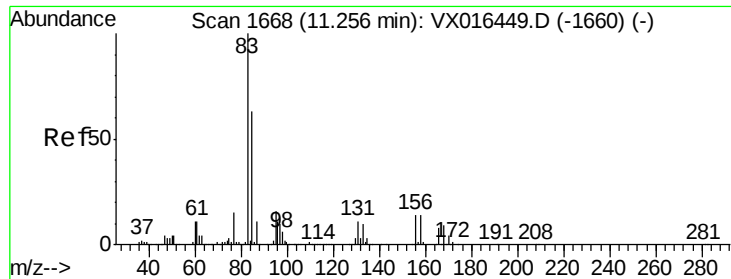
10.88

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.859 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

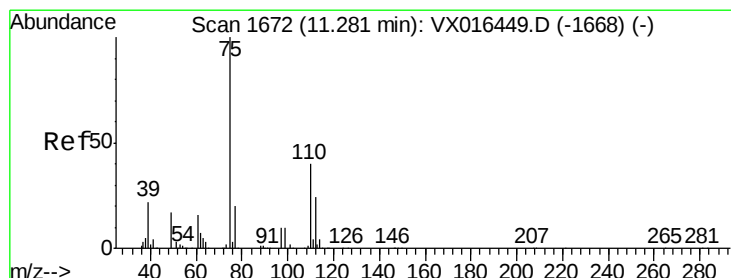
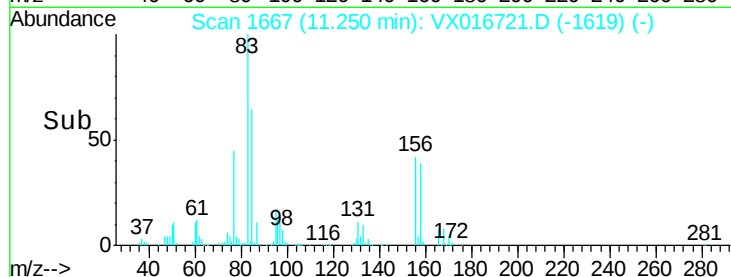
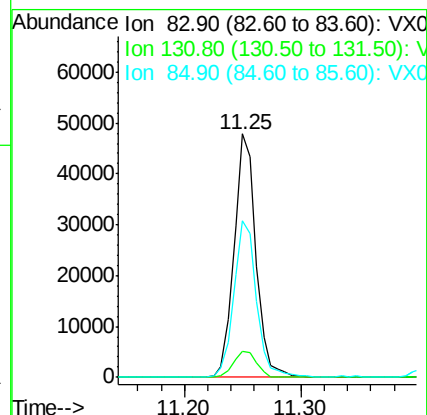
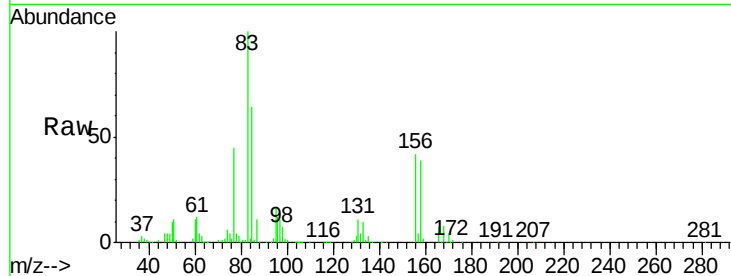
Tot Ion: 83 Resp: 62325

Ion Ratio Lower Upper

83 100

131 11.4 5.1 15.3

85 66.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 22.502 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016721.D

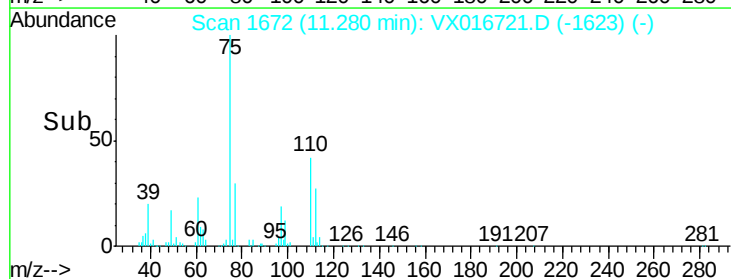
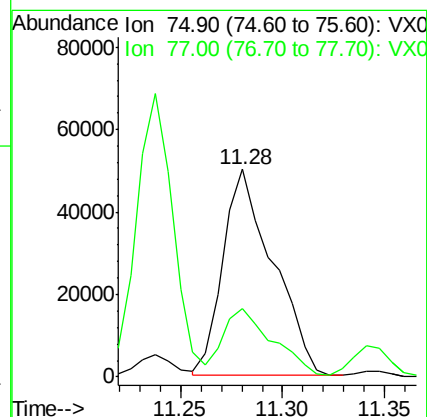
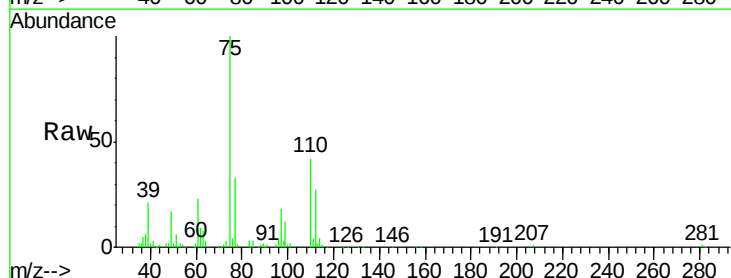
Acq: 12 Jun 2020 12:31

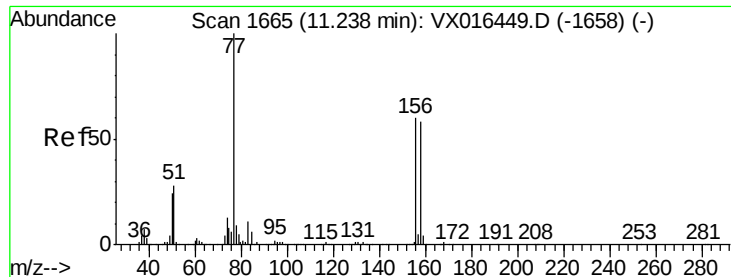
Tgt Ion: 75 Resp: 85104

Ion Ratio Lower Upper

75 100

77 33.0 21.3 63.7





#77

Bromobenzene

Concen: 18.910 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

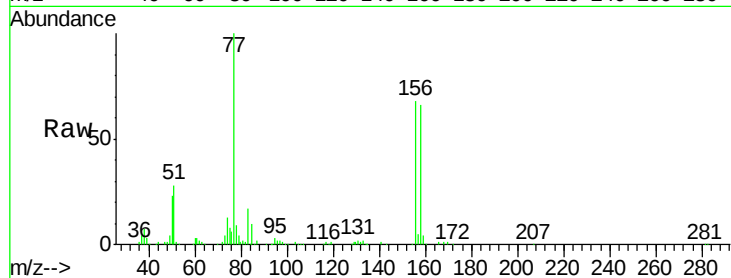
Tot Ion:156 Resp: 59130

Ion Ratio Lower Upper

156 100

77 146.1 79.6 238.8

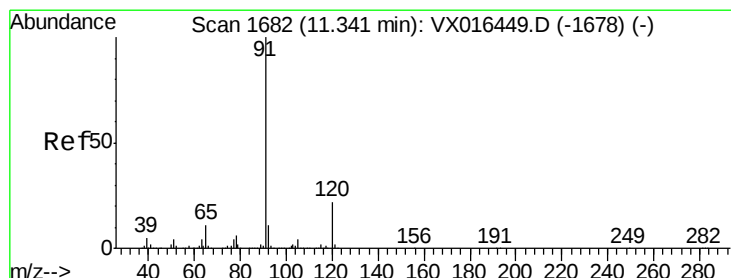
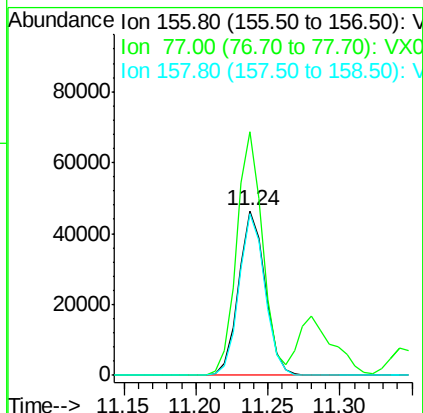
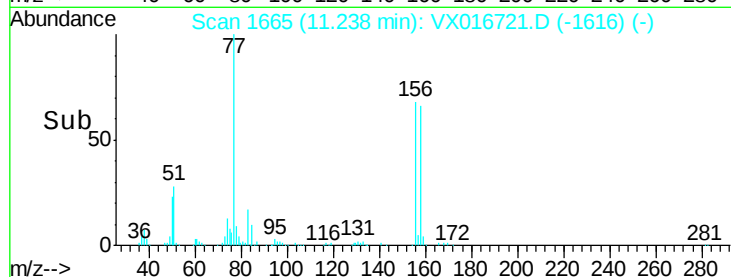
158 96.2 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.910 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016721.D

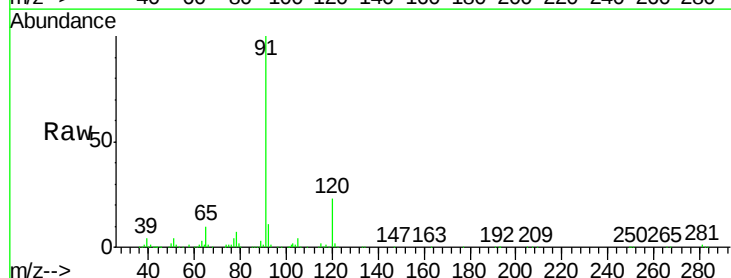
Acq: 12 Jun 2020 12:31

Tgt Ion: 91 Resp: 238543

Ion Ratio Lower Upper

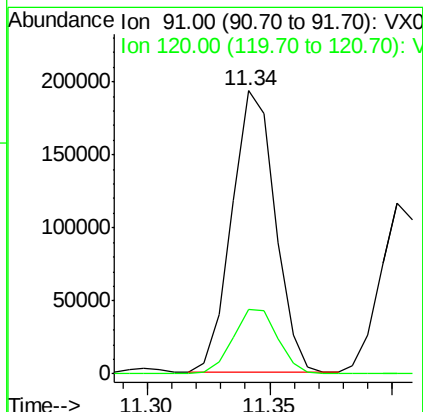
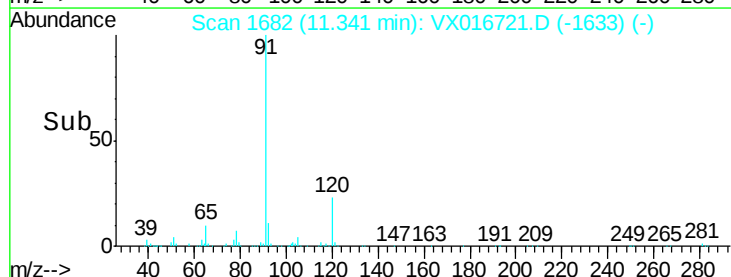
91 100

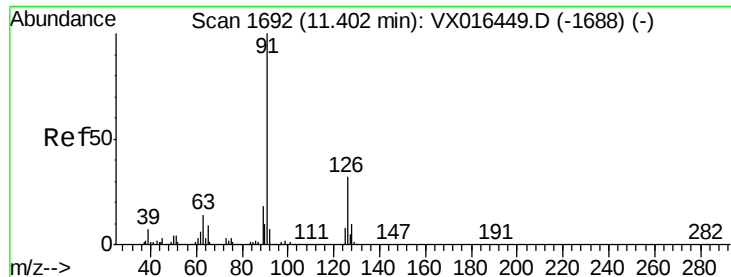
120 23.9 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.105 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

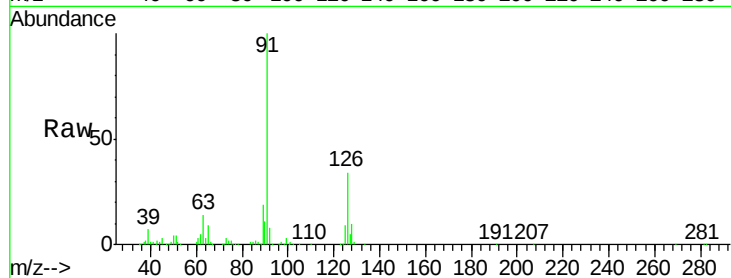
ClientSampleId :

Tot Ion: 91 Resp: 147193

Ion Ratio Lower Upper

91 100

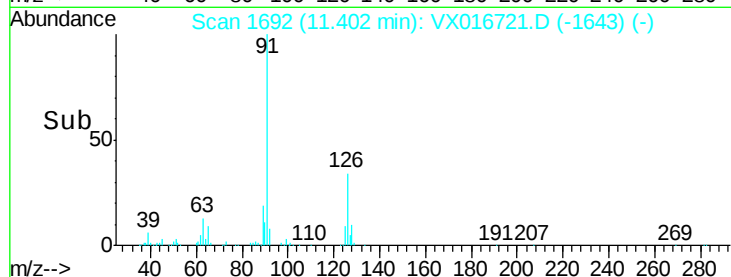
126 35.0 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)

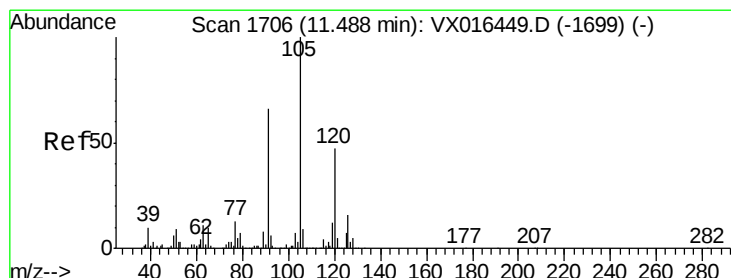
Time-->



Abundance Ion 91.00 (90.70 to 91.70): VX016721.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX016721.D (-1643) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.799 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016721.D

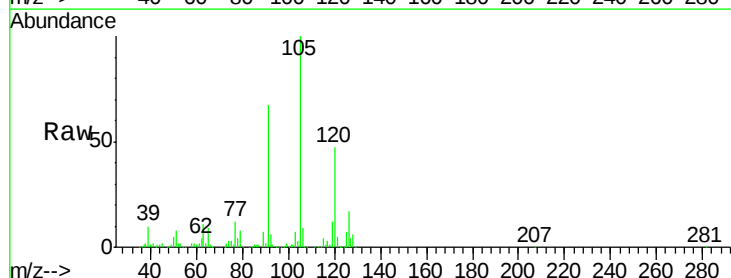
Acq: 12 Jun 2020 12:31

Tgt Ion: 105 Resp: 187134

Ion Ratio Lower Upper

105 100

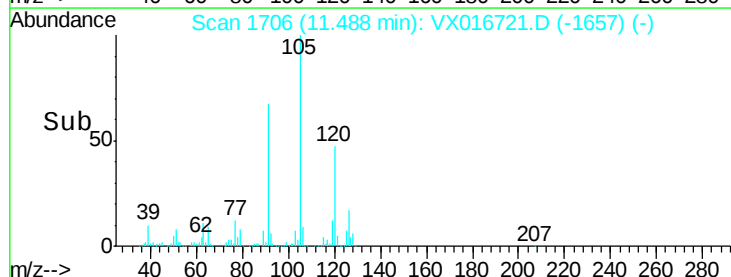
120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)

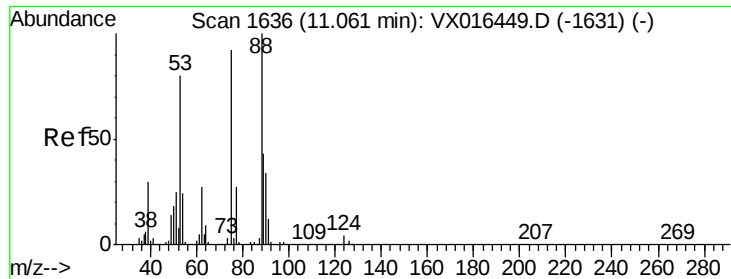
Time-->



Abundance Ion 105.00 (104.70 to 105.70): VX016721.D (-1657) (-)

Ion 120.00 (119.70 to 120.70): VX016721.D (-1657) (-)

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 16.583 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

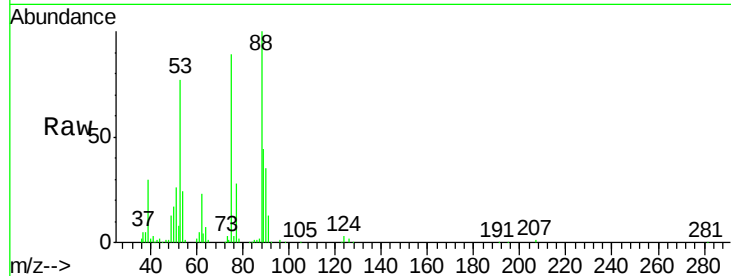
Tot Ion: 75 Resp: 25496

Ion Ratio Lower Upper

75 100

53 90.4 71.3 106.9

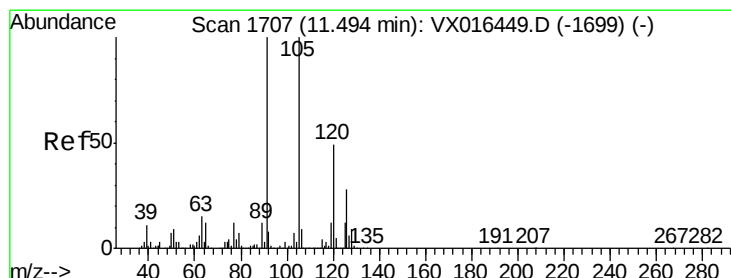
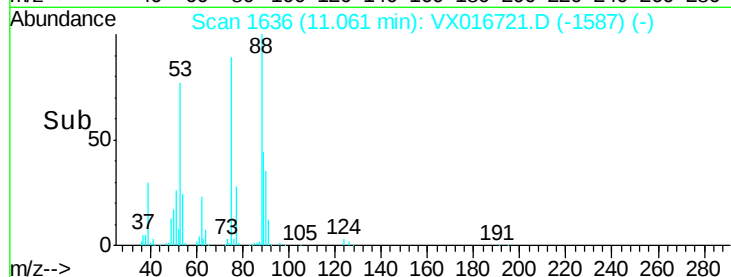
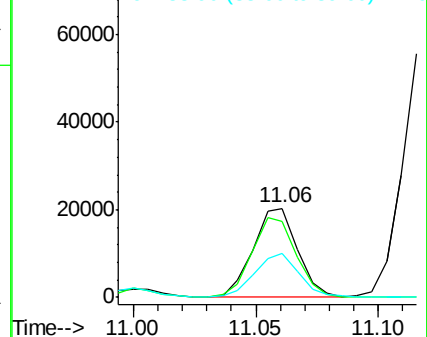
89 49.8 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.145 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016721.D

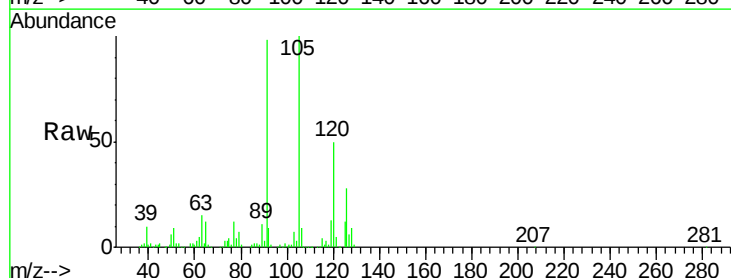
Acq: 12 Jun 2020 12:31

Tgt Ion: 91 Resp: 174202

Ion Ratio Lower Upper

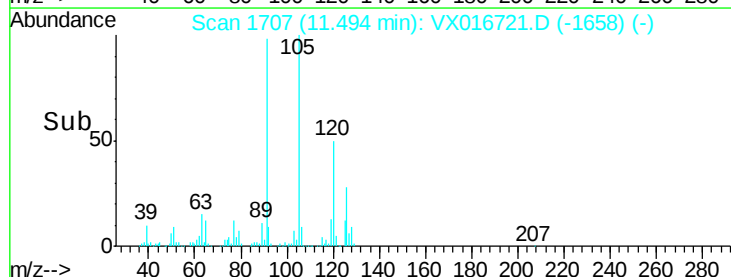
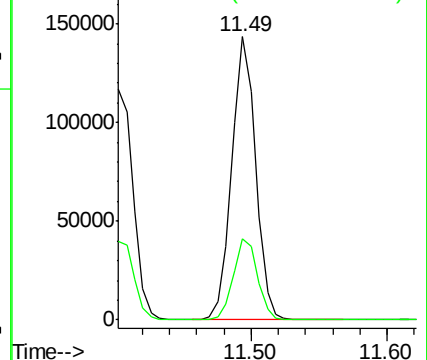
91 100

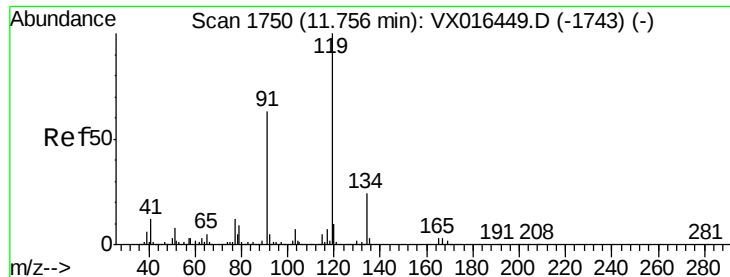
126 29.1 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.189 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

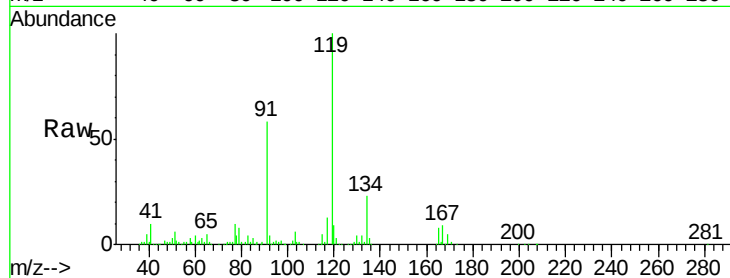
Tot Ion:119 Resp: 171725

Ion Ratio Lower Upper

119 100

91 57.6 31.3 93.8

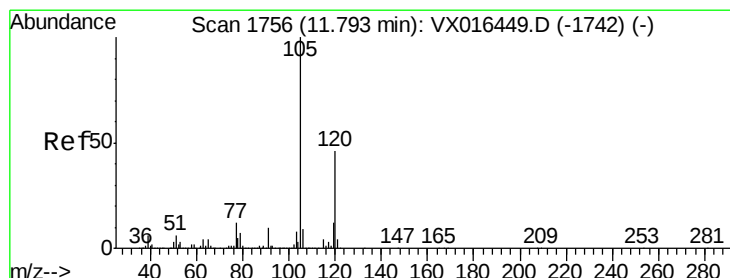
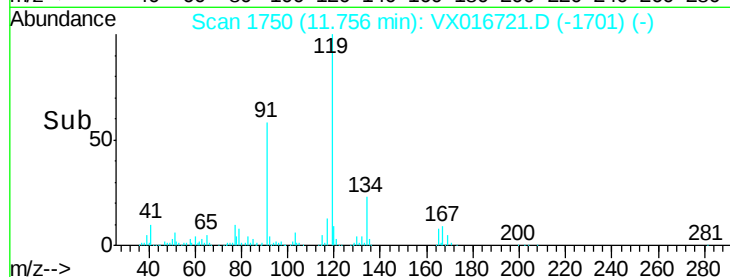
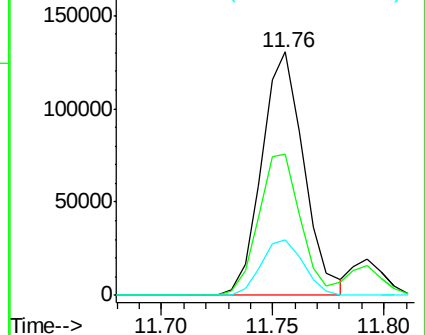
134 22.9 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.571 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016721.D

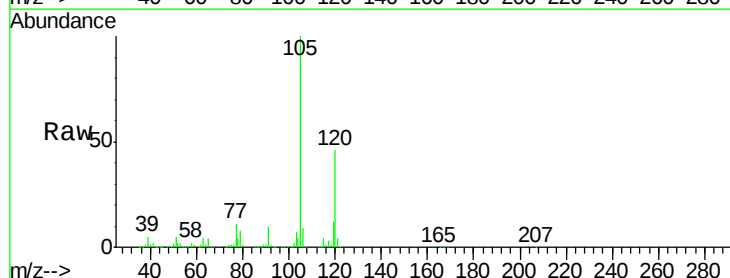
Acq: 12 Jun 2020 12:31

Tgt Ion:105 Resp: 186957

Ion Ratio Lower Upper

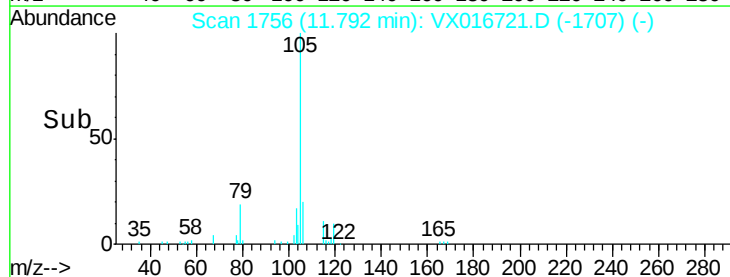
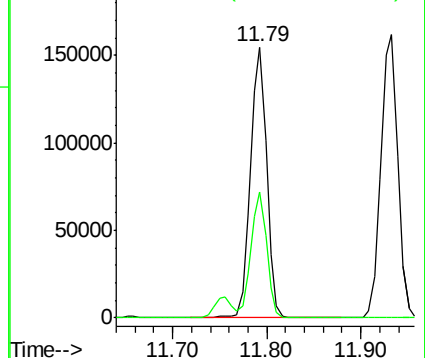
105 100

120 45.0 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.778 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

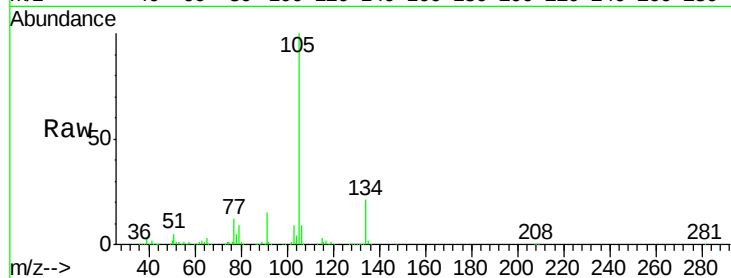
ClientSampleId :

Tot Ion:105 Resp: 200361

Ion Ratio Lower Upper

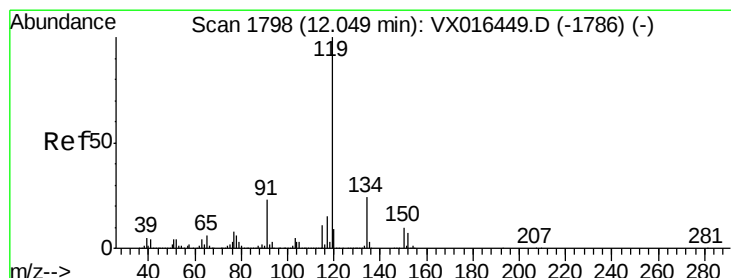
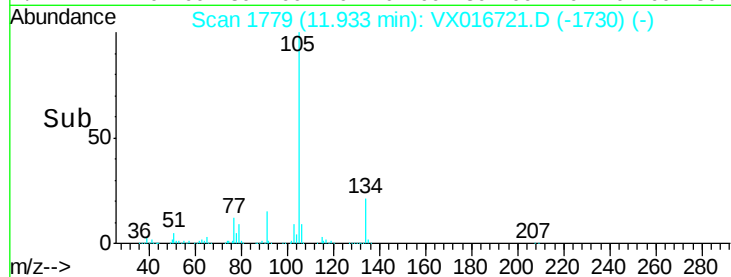
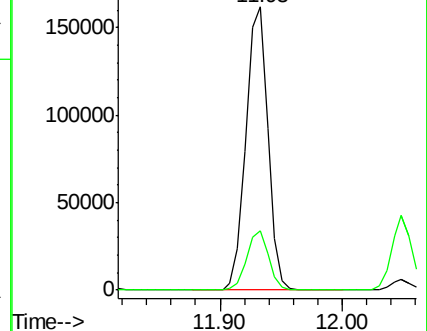
105 100

134 20.8 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.403 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

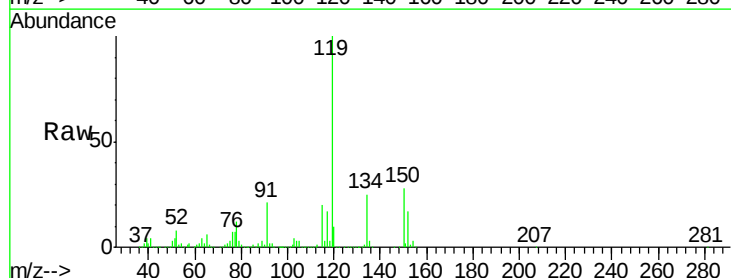
Tgt Ion:119 Resp: 193933

Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.0

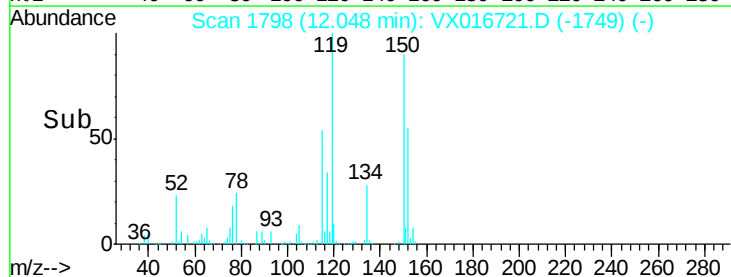
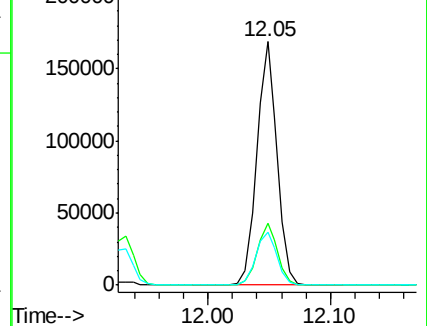
91 23.0 11.7 35.0

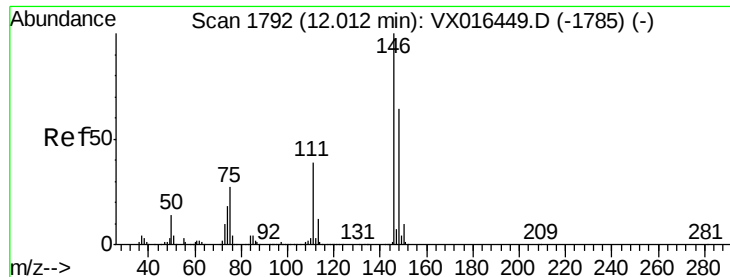


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

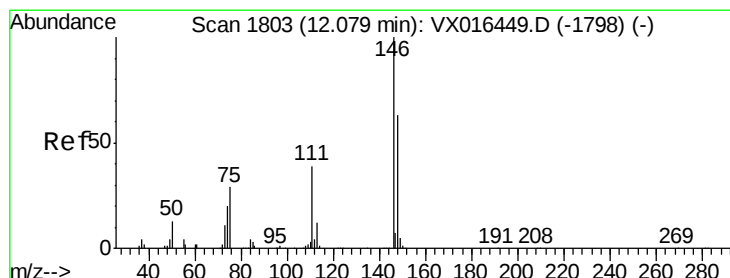
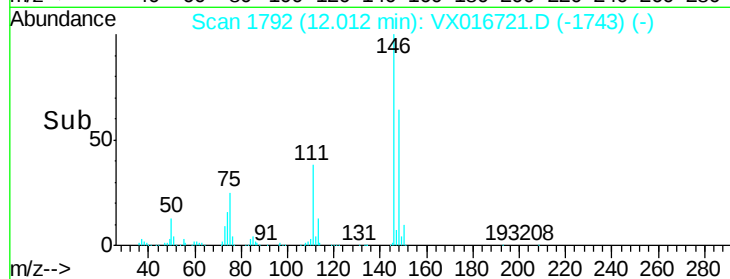
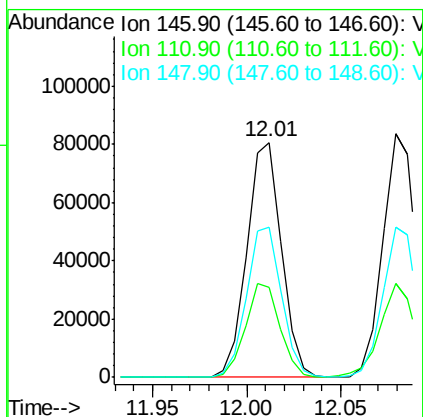
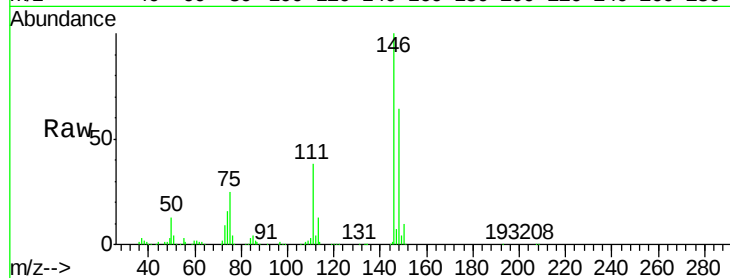




#87
 1,3-Dichlorobenzene
 Concen: 18.971 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016721.D
 Acq: 12 Jun 2020 12:31

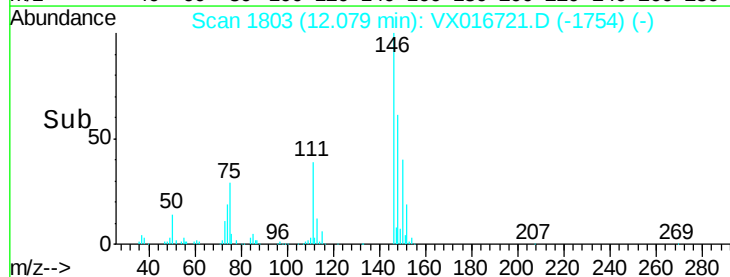
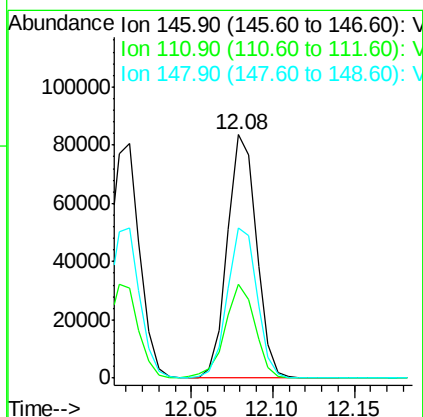
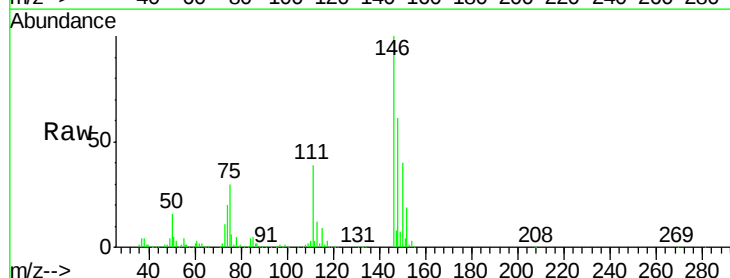
Instrument :
 MSVOA_X
 ClientSampleId :

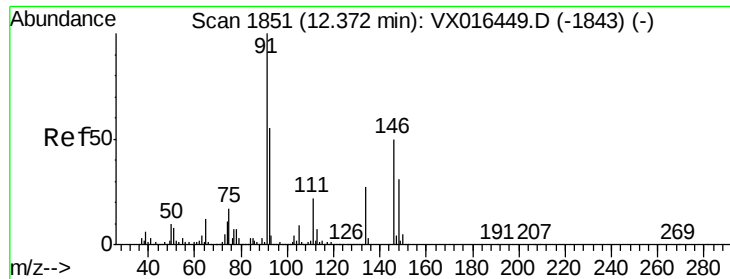
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	64.5	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.715 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016721.D
 Acq: 12 Jun 2020 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.2
148	63.0	31.4	94.3

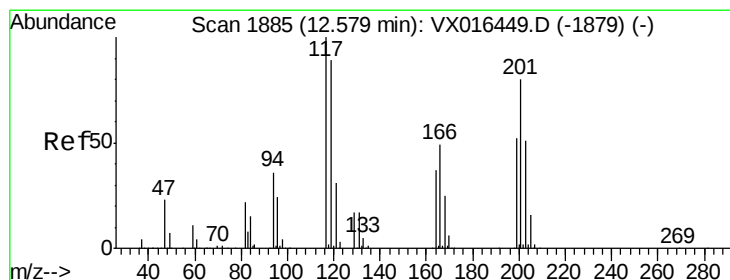
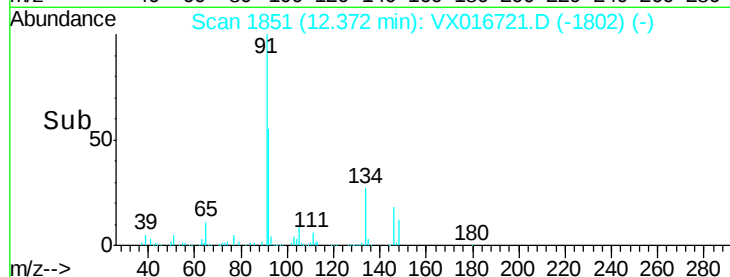
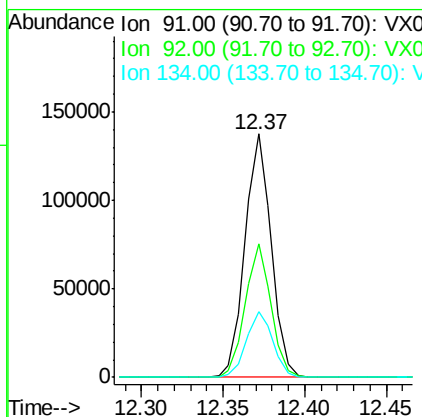
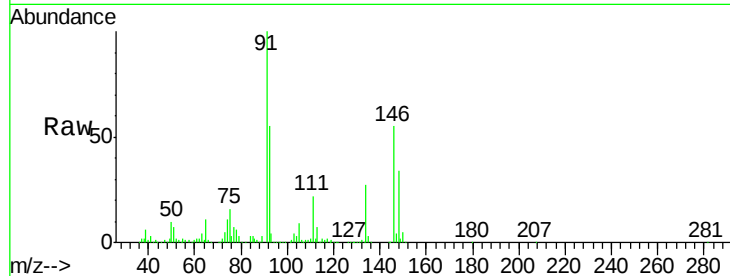




#89
n-Butylbenzene
Concen: 18.622 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

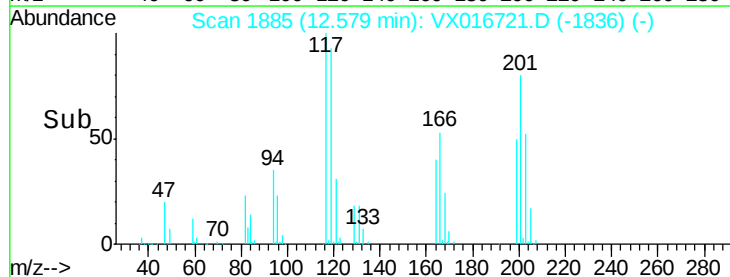
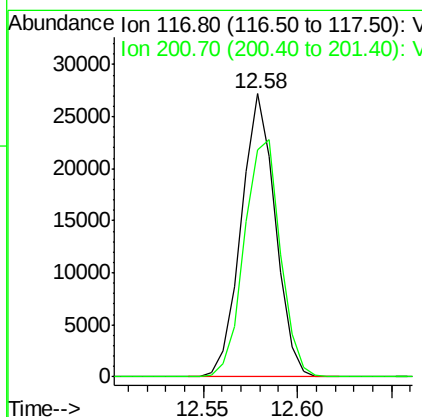
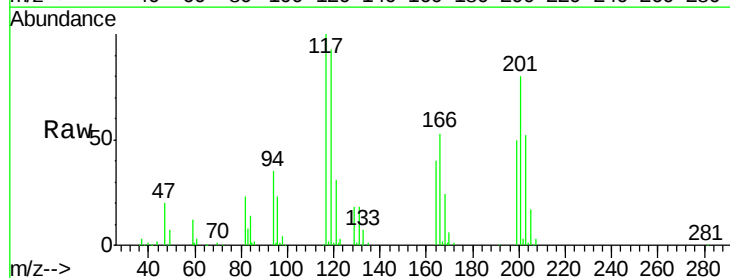
Instrument :
MSVOA_X
ClientSampleId :

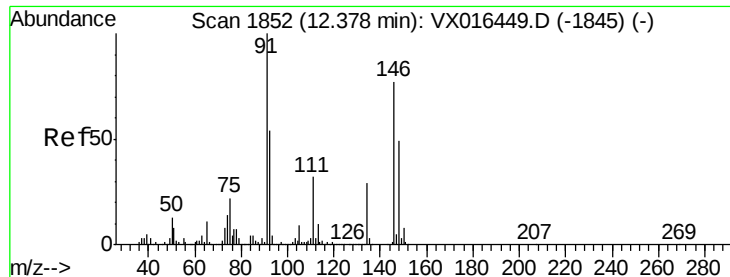
Tot Ion: 91 Resp: 155033
Ion Ratio Lower Upper
91 100
92 53.5 27.2 81.5
134 27.2 13.1 39.3



#90
Hexachloroethane
Concen: 19.735 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016721.D
Acq: 12 Jun 2020 12:31

Tgt Ion: 117 Resp: 34071
Ion Ratio Lower Upper
117 100
201 88.7 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 19.087 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampled :

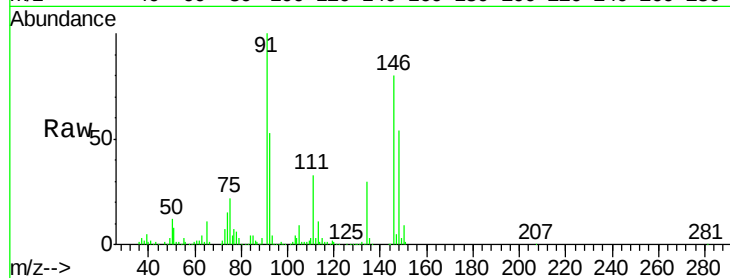
Tot Ion:146 Resp: 100178

Ion Ratio Lower Upper

146 100

111 41.5 21.4 64.3

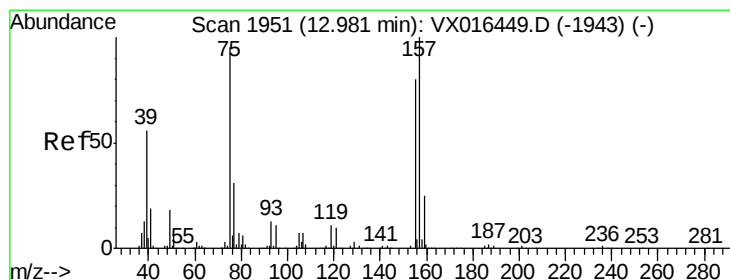
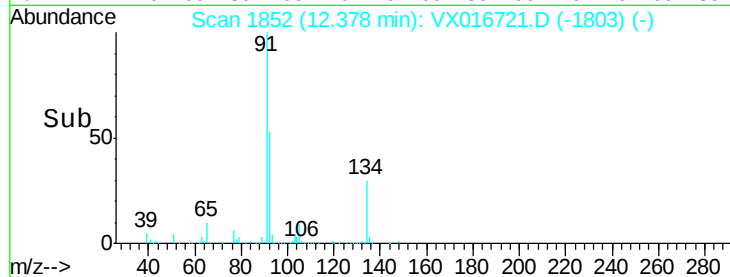
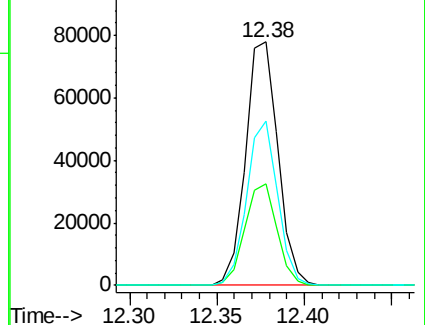
148 64.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.258 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

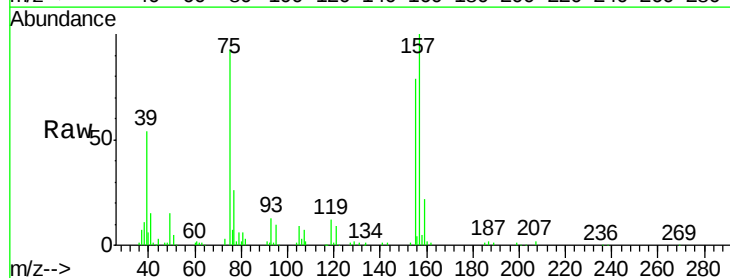
Tgt Ion: 75 Resp: 16702

Ion Ratio Lower Upper

75 100

155 91.2 44.1 132.4

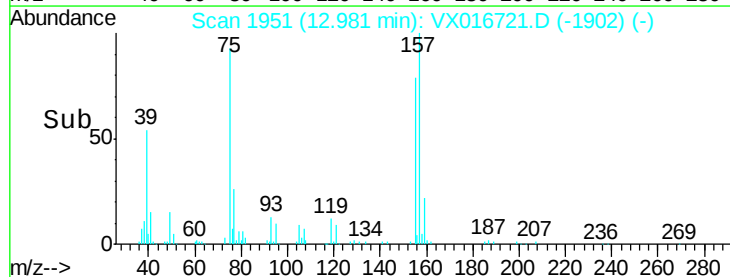
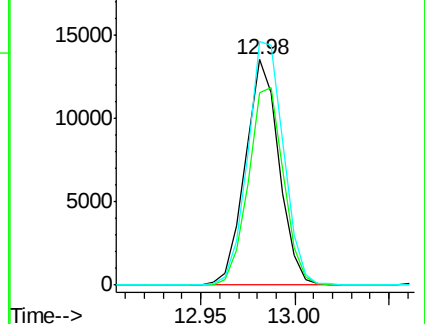
157 115.0 57.8 173.3

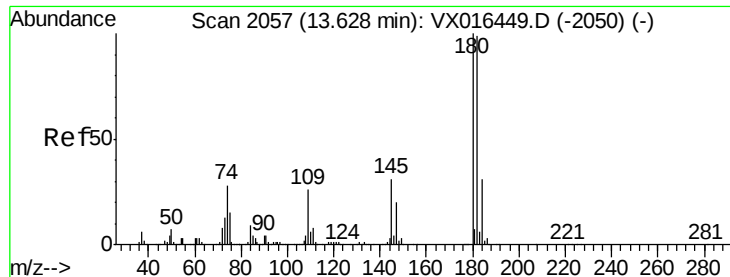


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

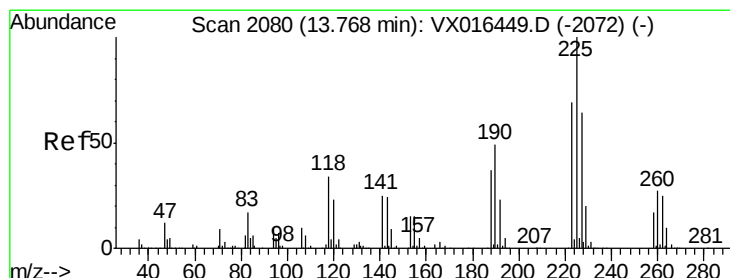
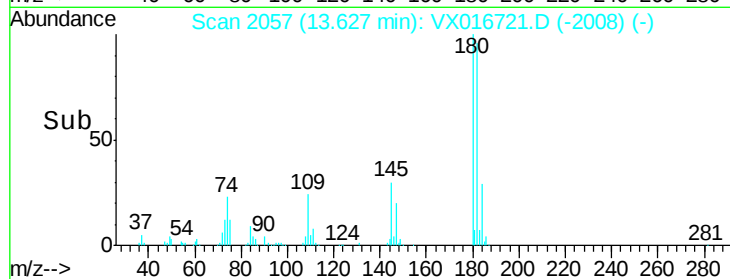
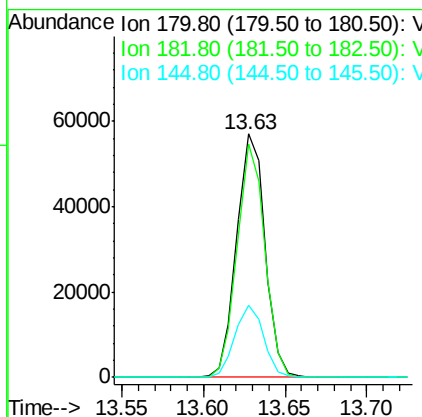
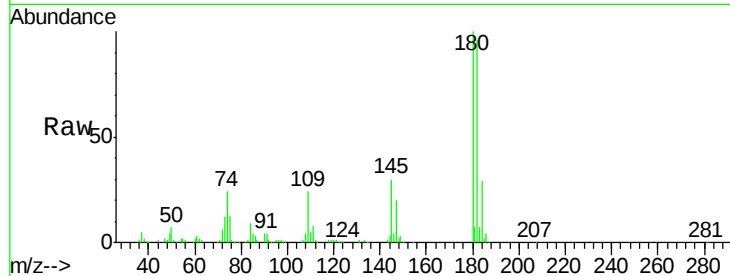




#93
 1,2,4-Trichlorobenzene
 Concen: 19.911 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016721.D
 Acq: 12 Jun 2020 12:31

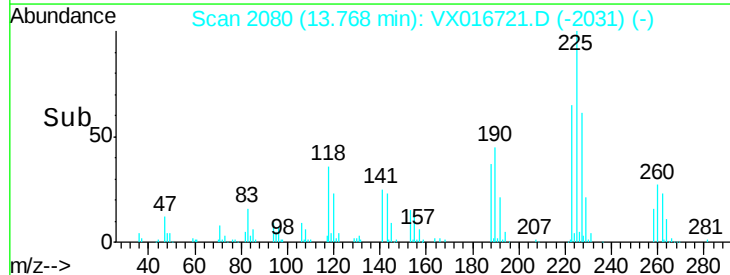
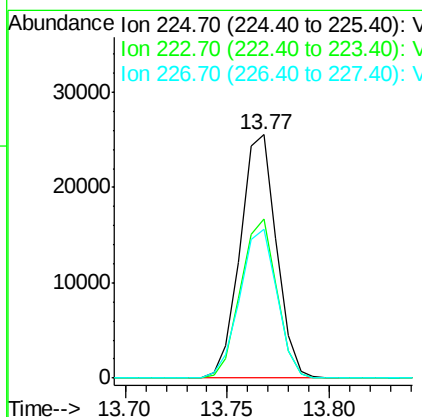
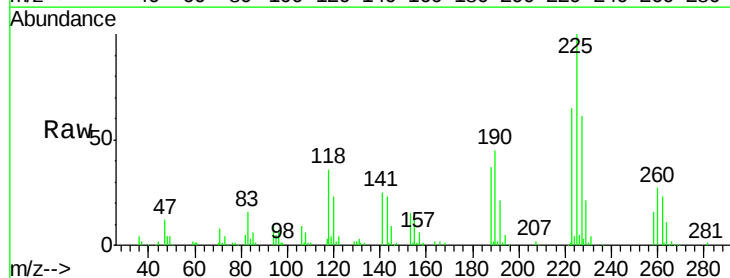
Instrument :
 MSVOA_X
 ClientSampleId :

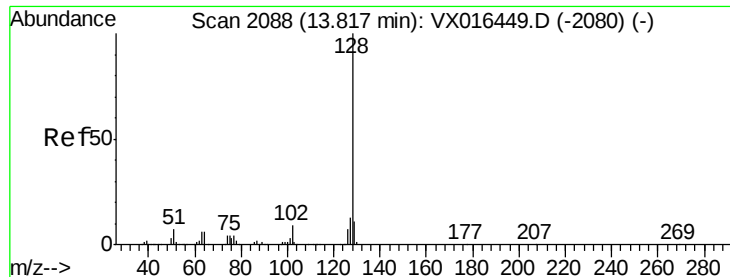
Tot Ion:180 Resp: 69405
 Ion Ratio Lower Upper
 180 100
 182 93.4 48.3 144.8
 145 29.9 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 22.982 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016721.D
 Acq: 12 Jun 2020 12:31

Tgt Ion:225 Resp: 31453
 Ion Ratio Lower Upper
 225 100
 223 65.1 32.3 96.8
 227 62.8 31.6 94.7





#95

Naphthalene

Concen: 17.716 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

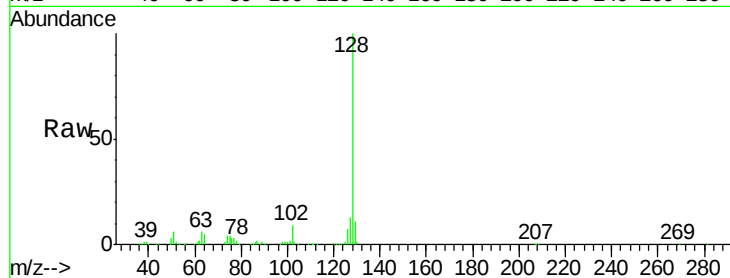
Tot Ion:128 Resp: 211692

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

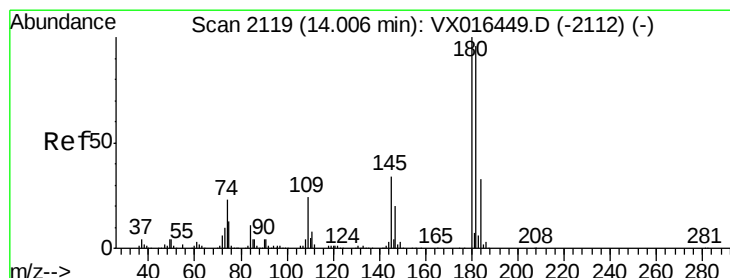
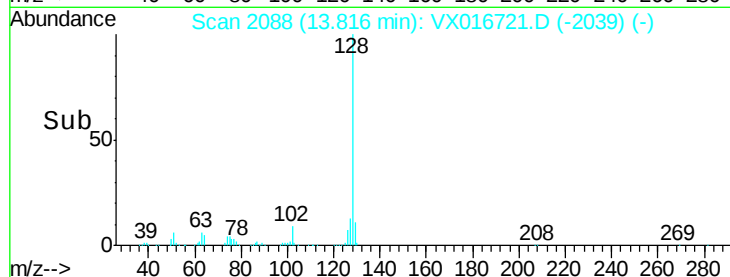
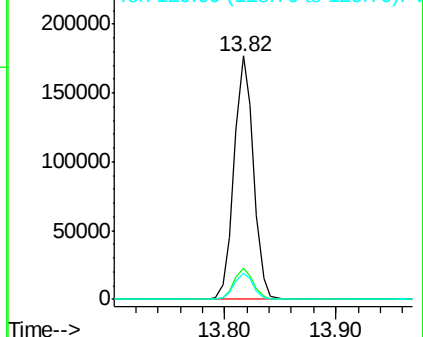
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.853 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016721.D

Acq: 12 Jun 2020 12:31

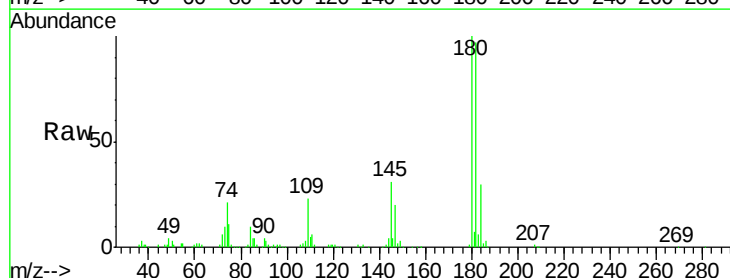
Tgt Ion:180 Resp: 67798

Ion Ratio Lower Upper

180 100

182 97.7 48.6 145.8

145 32.8 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

