

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061220\
 Data File : VX016741.D
 Acq On : 12 Jun 2020 20:05
 Operator : JC/SP
 Sample : L3004-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 04:34:31 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	5.63	168	216093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	327269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	313830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	171201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	131372	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.47	113	108017	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
50) Toluene-d8	8.70	98	395618	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.12	95	158152	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	91812	43.173	ug/l	100
3) Chloromethane	1.31	50	101194	39.377	ug/l	99
4) Vinyl Chloride	1.39	62	116474	42.857	ug/l	99
5) Bromomethane	1.62	94	58514	44.281	ug/l	97
6) Chloroethane	1.70	64	75612	47.694	ug/l	97
7) Trichlorofluoromethane	1.91	101	189548	53.107	ug/l	98
8) Diethyl Ether	2.17	74	71708	48.182	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	100470	51.146	ug/l	97
10) Methyl Iodide	2.49	142	90800	39.381	ug/l	99
11) Tert butyl alcohol	3.03	59	164019	238.345	ug/l	100
12) 1,1-Dichloroethene	2.35	96	101734	48.928	ug/l	98
13) Acrolein	2.27	56	74927	255.956	ug/l	97
14) Allyl chloride	2.70	41	166149	43.450	ug/l	97
15) Acrylonitrile	3.12	53	346510	245.813	ug/l	99
16) Acetone	2.42	43	293687	249.788	ug/l	100
17) Carbon Disulfide	2.54	76	257677	41.731	ug/l	99
18) Methyl Acetate	2.75	43	152487	50.567	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	384720	51.527	ug/l	96
20) Methylene Chloride	2.83	84	119139	48.977	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	114547	49.805	ug/l	90
22) Diisopropyl ether	3.82	45	334533	45.540	ug/l	97
23) Vinyl Acetate	3.78	43	1408207	219.010	ug/l	96
24) 1,1-Dichloroethane	3.67	63	202307	48.794	ug/l	100
25) 2-Butanone	4.64	43	465202	233.505	ug/l	94
26) 2,2-Dichloropropane	4.55	77	159701	47.072	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	132817	49.918	ug/l	96
28) Bromochloromethane	4.98	49	82183	42.655	ug/l	# 82
29) Tetrahydrofuran	5.09	42	298661	232.044	ug/l	93
30) Chloroform	5.18	83	218410	52.281	ug/l	98
31) Cyclohexane	5.55	56	156211	41.880	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	199657	52.789	ug/l	98
36) 1,1-Dichloropropene	5.77	75	149469	48.237	ug/l	96
37) Ethyl Acetate	4.79	43	163785	44.026	ug/l	96
38) Carbon Tetrachloride	5.76	117	180645	55.475	ug/l	98

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 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)
39) Methylcyclohexane	7.44	83	161999	48.134	ug/l	98
40) Benzene	6.11	78	462854	50.160	ug/l	99
41) Methacrylonitrile	5.01	41	94019	46.010	ug/l	95
42) 1,2-Dichloroethane	6.16	62	171961	52.402	ug/l	100
43) Isopropyl Acetate	6.42	43	264034	45.502	ug/l	97
44) Trichloroethene	7.19	130	137402	46.932	ug/l	94
45) 1,2-Dichloropropane	7.49	63	116370	49.538	ug/l	98
46) Dibromomethane	7.63	93	83241	52.756	ug/l	94
47) Bromodichloromethane	7.88	83	177875	54.445	ug/l	98
48) Methyl methacrylate	7.74	41	130922	47.122	ug/l	94
49) 1,4-Dioxane	7.71	88	62477	960.877	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	887989	245.765	ug/l	98
52) Toluene	8.77	92	303723	52.197	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	192253	51.751	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	196900	50.074	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	128120	55.378	ug/l	96
56) Ethyl methacrylate	9.16	69	192983	51.217	ug/l	97
57) 1,3-Dichloropropane	9.35	76	207083	52.147	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.42	63	1027	0.522	ug/l #	46
59) 2-Hexanone	9.48	43	696299	247.811	ug/l	97
60) Dibromochloromethane	9.57	129	152188	58.453	ug/l	99
61) 1,2-Dibromoethane	9.65	107	134563	54.314	ug/l	100
64) Tetrachloroethene	9.32	164	139779	39.811	ug/l	97
65) Chlorobenzene	10.12	112	337062	52.681	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	135862	55.628	ug/l	99
67) Ethyl Benzene	10.24	91	575393	50.511	ug/l	99
68) m/p-Xylenes	10.34	106	440574	104.312	ug/l	100
69) o-Xylene	10.68	106	213073	52.091	ug/l	96
70) Styrene	10.70	104	379684	54.003	ug/l	100
71) Bromoform	10.84	173	123104	59.640	ug/l #	99
73) Isopropylbenzene	11.00	105	574037	48.392	ug/l	100
74) N-amyl acetate	10.88	43	215673	39.527	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	181230	60.961	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	237195	63.032	ug/l	84
77) Bromobenzene	11.24	156	157996	50.783	ug/l	93
78) n-propylbenzene	11.34	91	637110	48.074	ug/l	99
79) 2-Chlorotoluene	11.40	91	392930	48.574	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	496237	50.101	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	68455	44.748	ug/l	98
82) 4-Chlorotoluene	11.49	91	463810	48.553	ug/l	98
83) tert-Butylbenzene	11.76	119	466390	55.108	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	505484	50.463	ug/l	99
85) sec-Butylbenzene	11.93	105	541637	51.017	ug/l	99
86) p-Isopropyltoluene	12.05	119	524585	52.748	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	279883	51.925	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	282877	51.313	ug/l	98
89) n-Butylbenzene	12.37	91	417431	50.392	ug/l	97
90) Hexachloroethane	12.58	117	93831	54.623	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	273289	52.332	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49145	51.036	ug/l	97

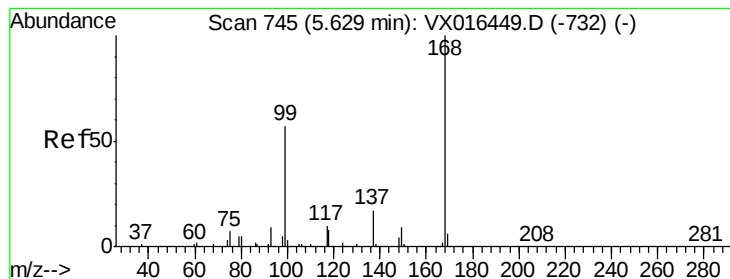
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	188115	54.239	ug/l	99
94) Hexachlorobutadiene	13.76	225	79801	58.603	ug/l	99
95) Naphthalene	13.82	128	624286	52.507	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	188782	55.559	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

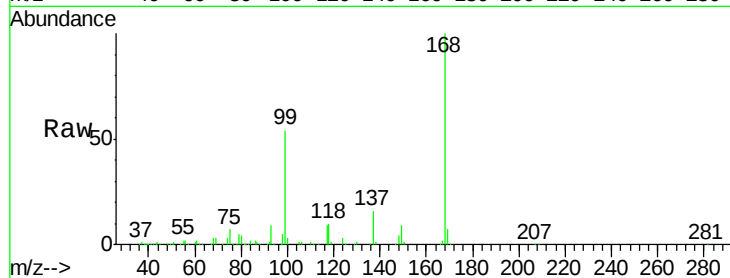
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 216093

Ion Ratio Lower Upper

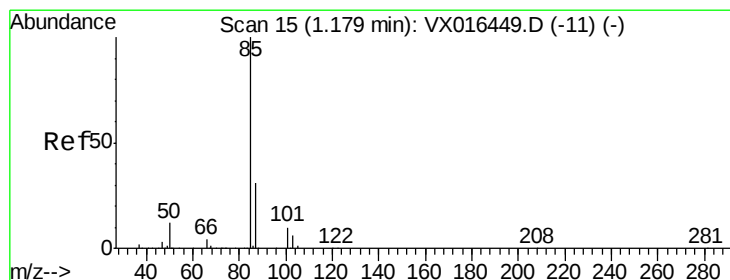
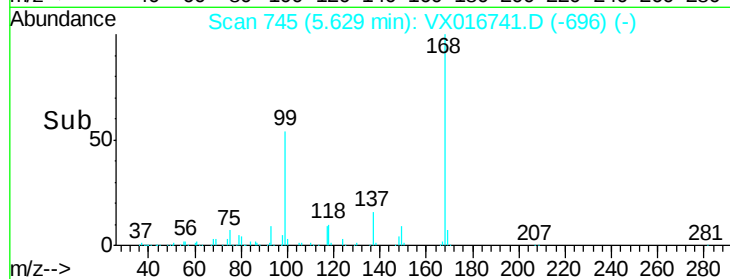
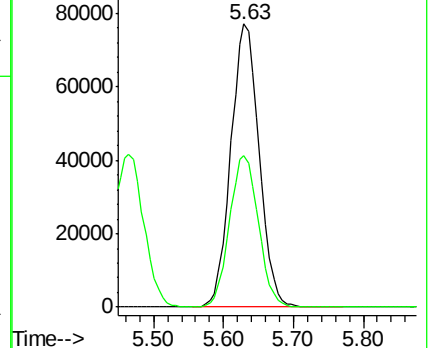
168 100

99 53.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.173 ug/l

RT: 1.18 min Scan# 15

Delta R.T. 0.00 min

Lab File: VX016741.D

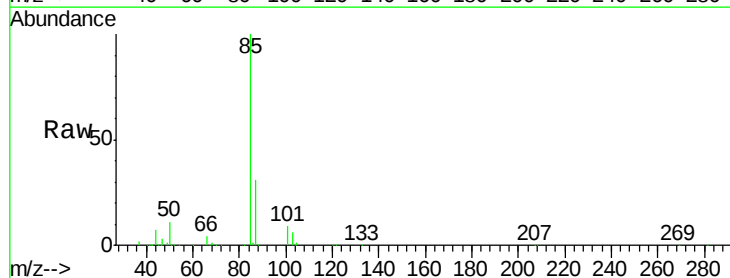
Acq: 12 Jun 2020 20:05

Tgt Ion: 85 Resp: 91812

Ion Ratio Lower Upper

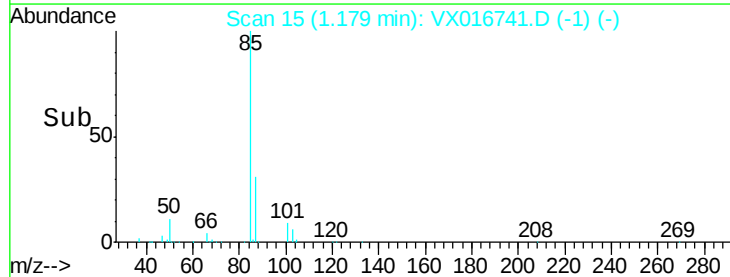
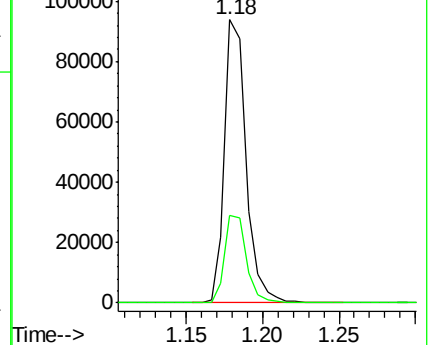
85 100

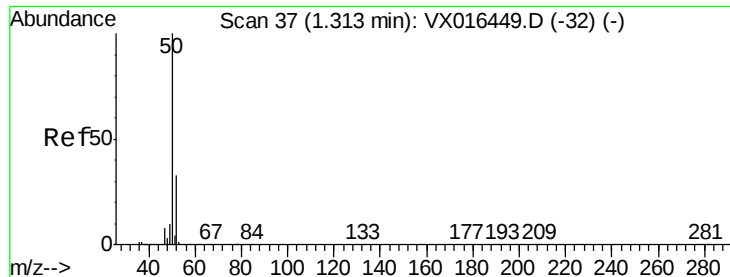
87 30.9 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 39.377 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

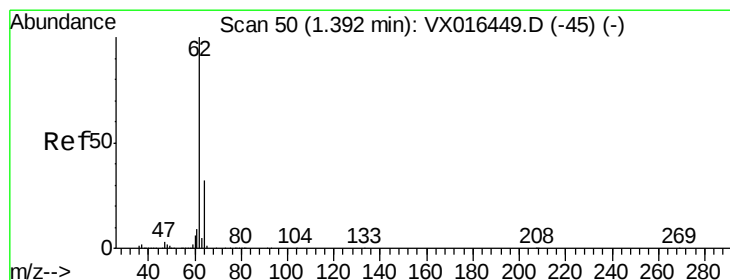
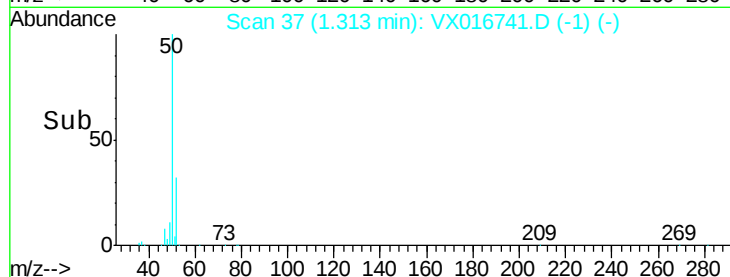
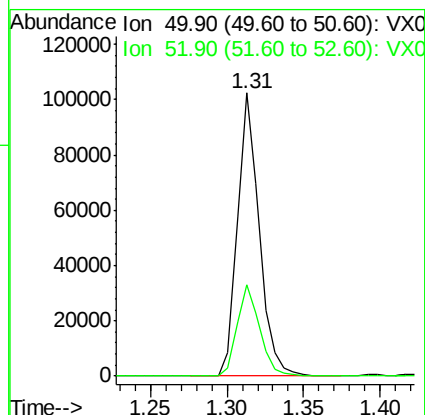
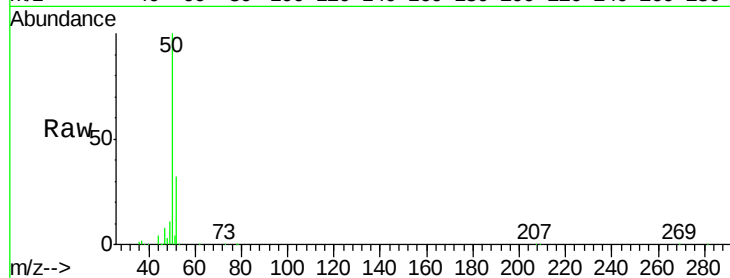
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 101194

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.2



#4

Vinyl Chloride

Concen: 42.857 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016741.D

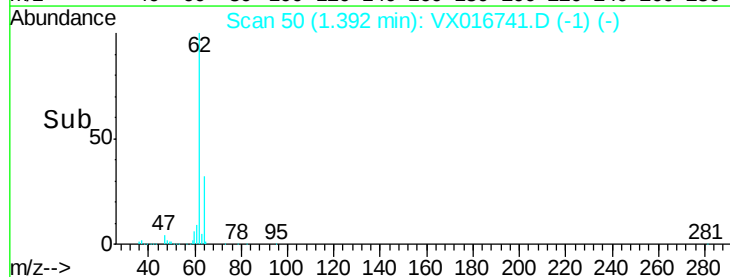
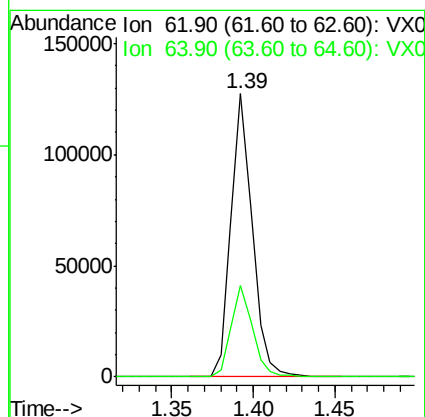
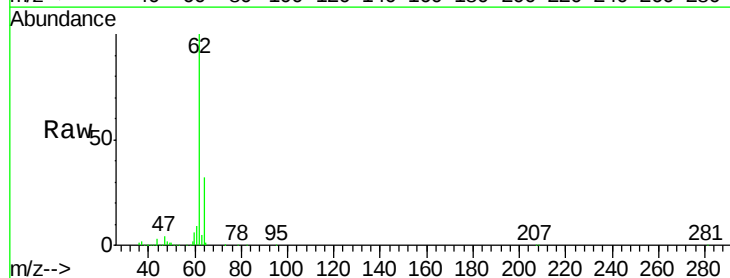
Acq: 12 Jun 2020 20:05

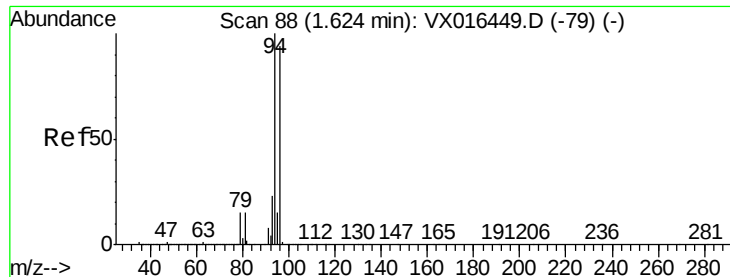
Tgt Ion: 62 Resp: 116474

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9





#5

Bromomethane

Concen: 44.281 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

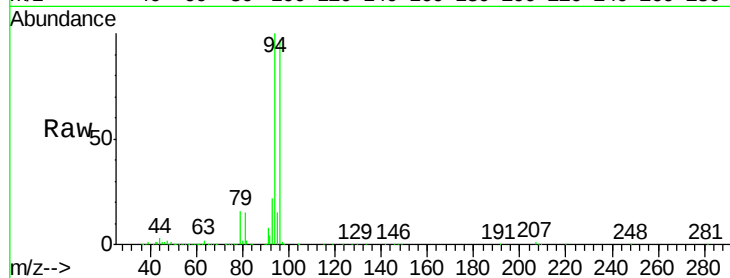
ClientSampleId :

Tot Ion: 94 Resp: 58514

Ion Ratio Lower Upper

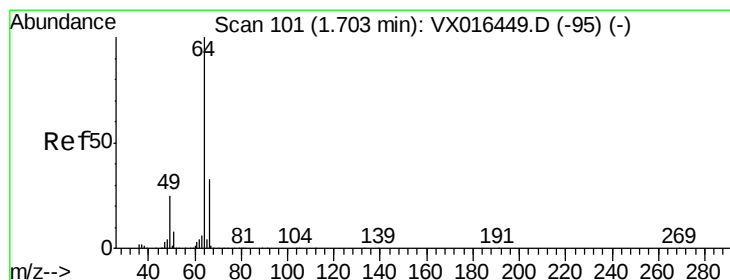
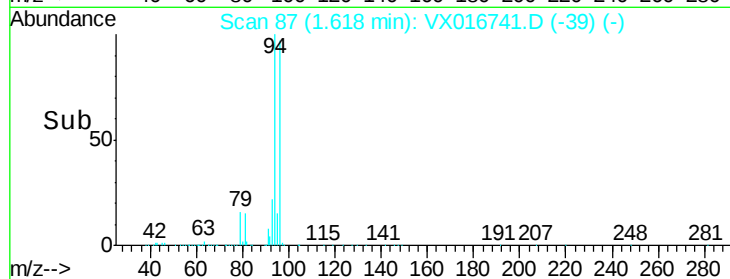
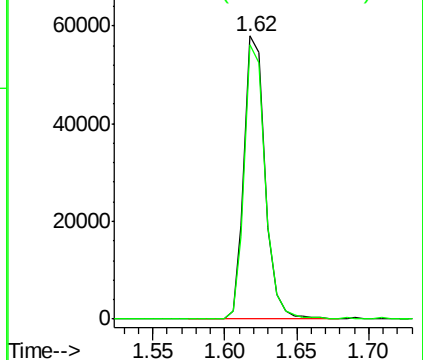
94 100

96 96.7 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.694 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016741.D

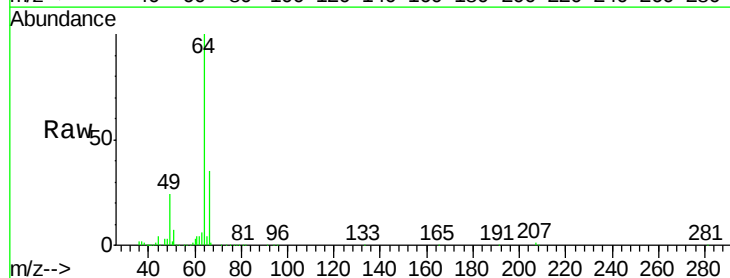
Acq: 12 Jun 2020 20:05

Tgt Ion: 64 Resp: 75612

Ion Ratio Lower Upper

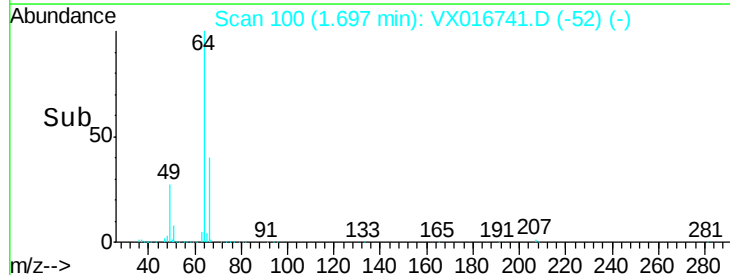
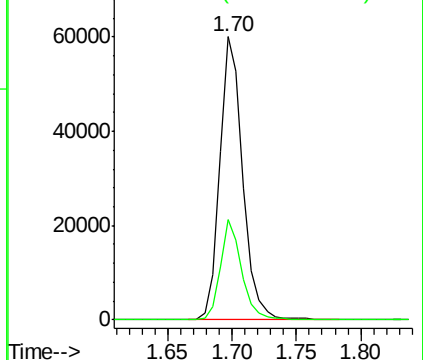
64 100

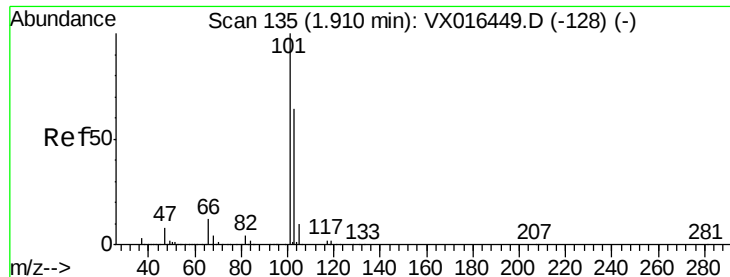
66 35.1 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



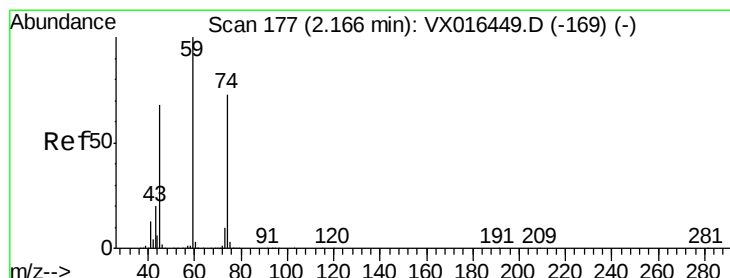
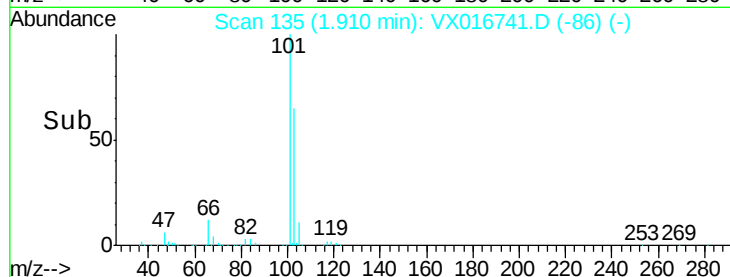
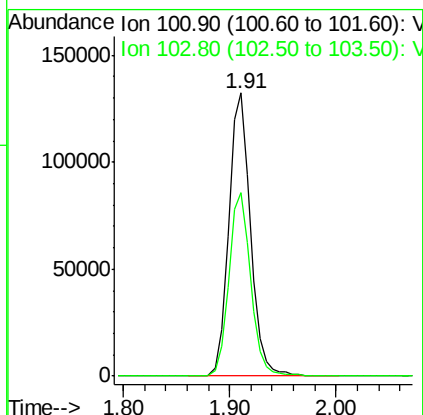
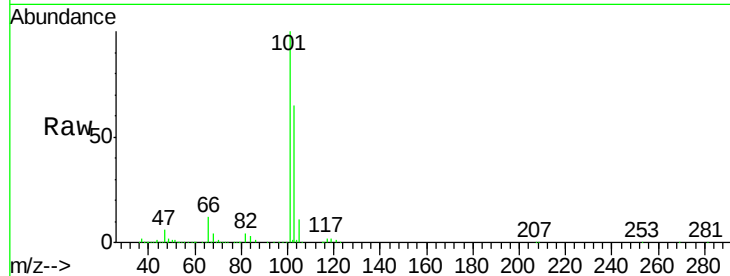


#7

Trichlorofluoromethane
Concen: 53.107 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :

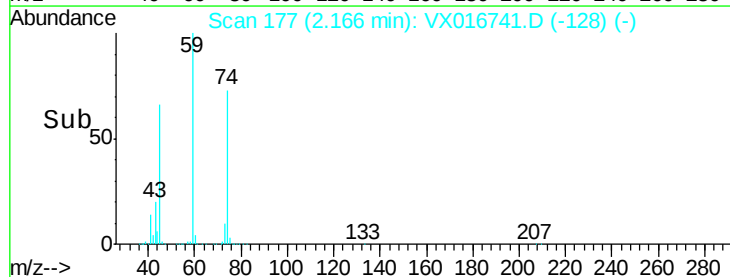
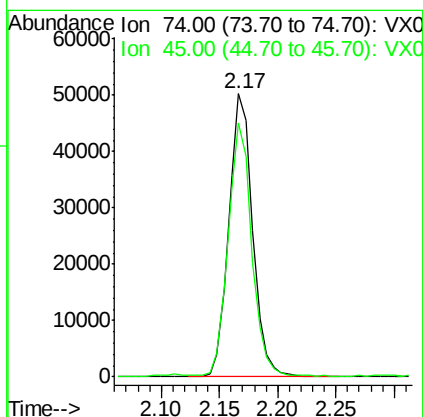
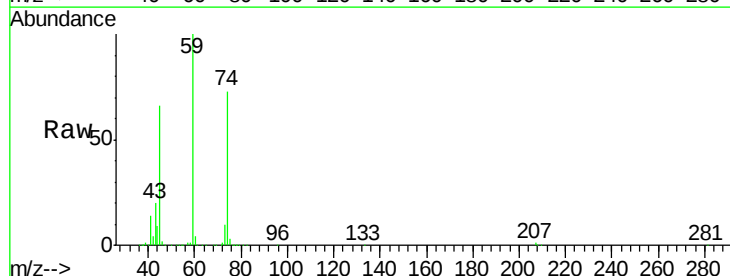
Tot Ion:101 Resp: 189548
Ion Ratio Lower Upper
101 100
103 64.9 50.9 76.3



#8

Diethyl Ether
Concen: 48.182 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion: 74 Resp: 71708
Ion Ratio Lower Upper
74 100
45 88.3 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.146 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

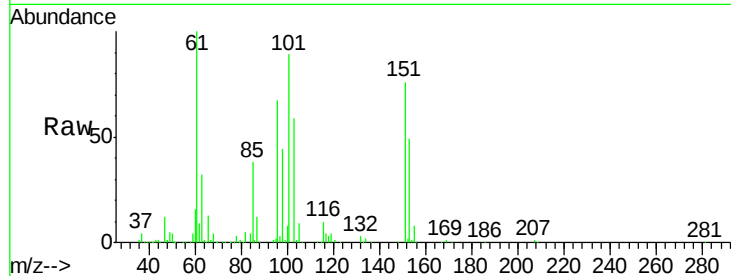
Tot Ion:101 Resp: 100470

Ion Ratio Lower Upper

101 100

85 42.8 34.4 51.6

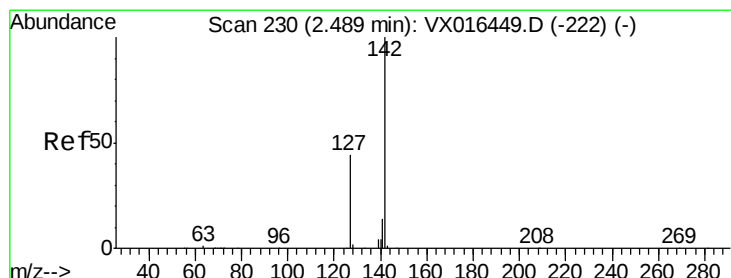
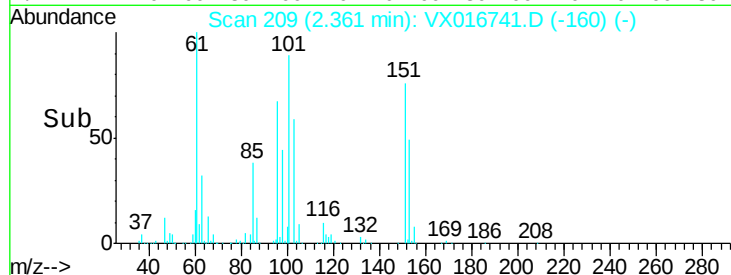
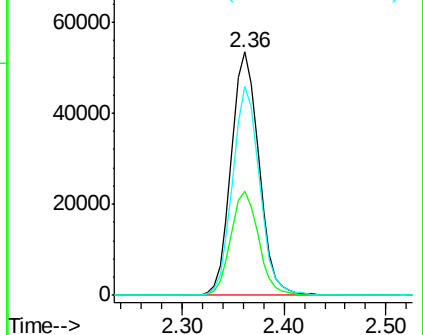
151 84.1 63.8 95.6



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: 39.381 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

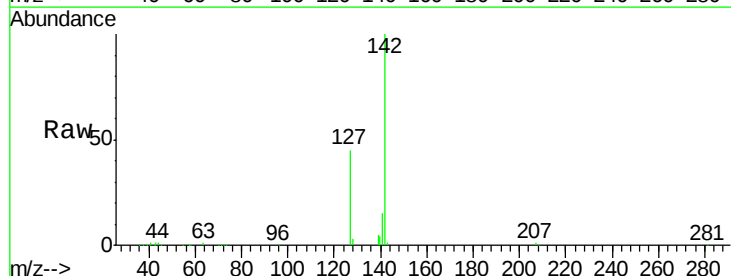
Tgt Ion:142 Resp: 90800

Ion Ratio Lower Upper

142 100

127 44.7 35.3 52.9

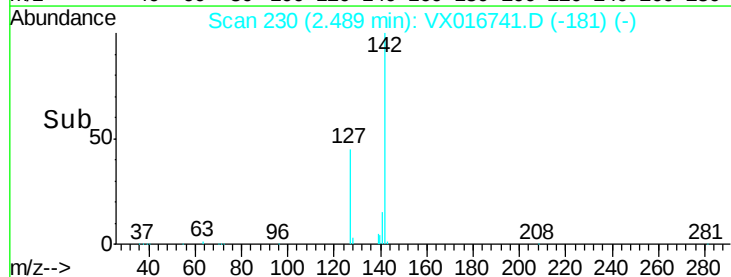
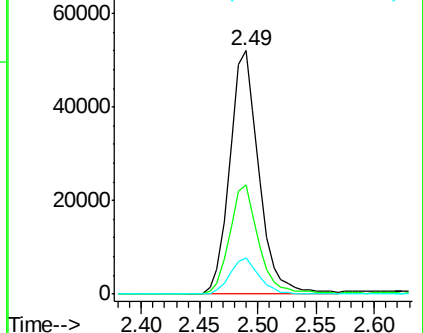
141 14.9 11.4 17.2

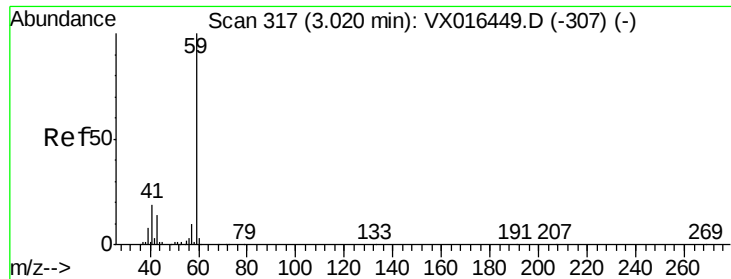


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

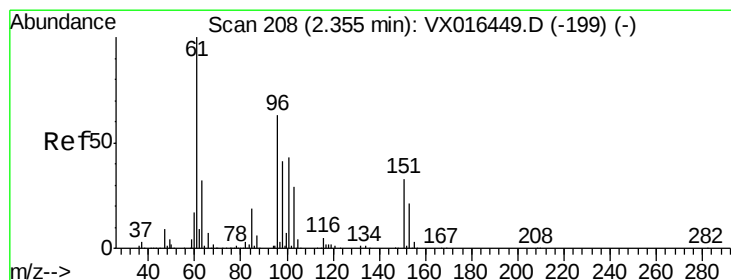
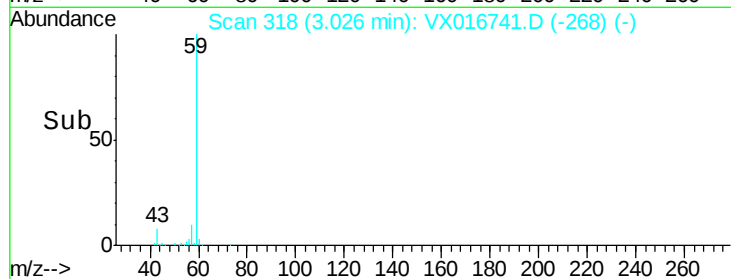
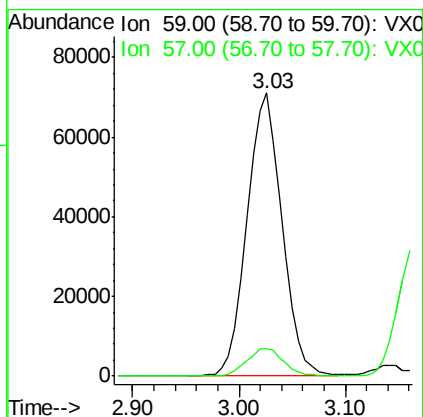
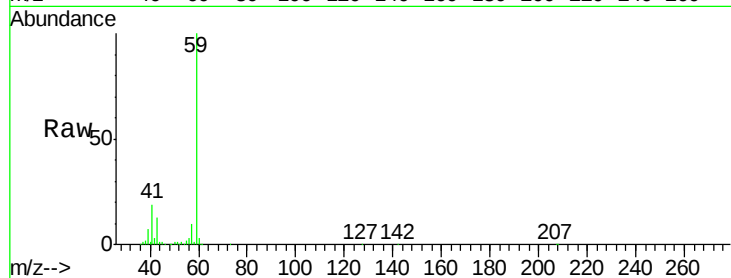




#11
Tert butyl alcohol
Concen: 238.345 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

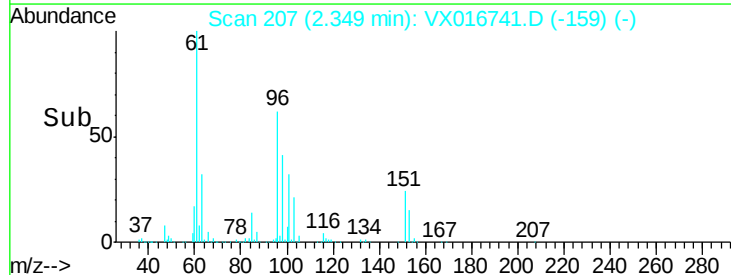
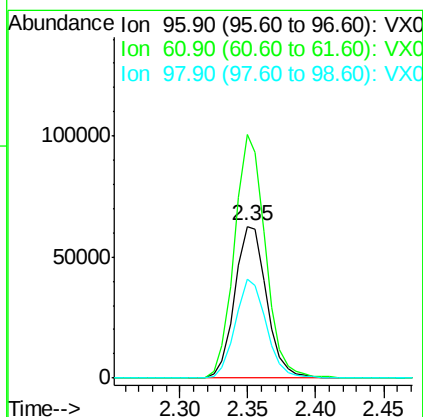
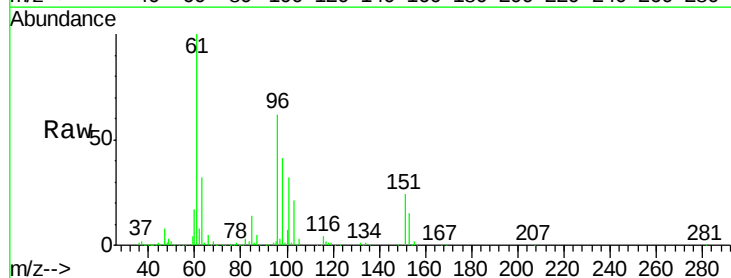
Instrument :
MSVOA_X
ClientSampled :

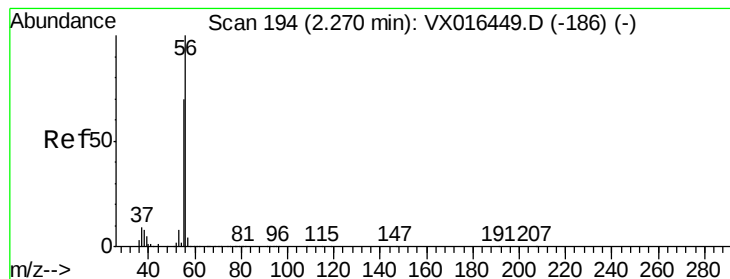
Tot Ion: 59 Resp: 164019
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.928 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion: 96 Resp: 101734
Ion Ratio Lower Upper
96 100
61 161.0 126.6 189.8
98 65.8 51.3 76.9





#13

Acrolein

Concen: 255.956 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

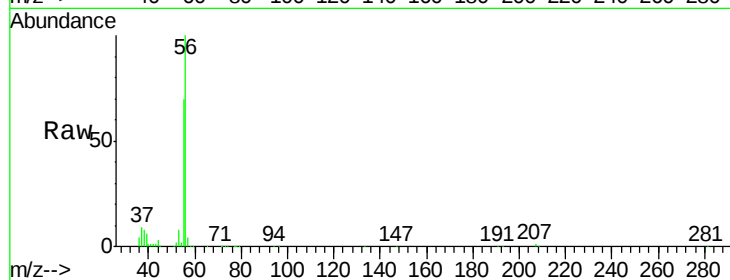
ClientSampled :

Tot Ion: 56 Resp: 74927

Ion Ratio Lower Upper

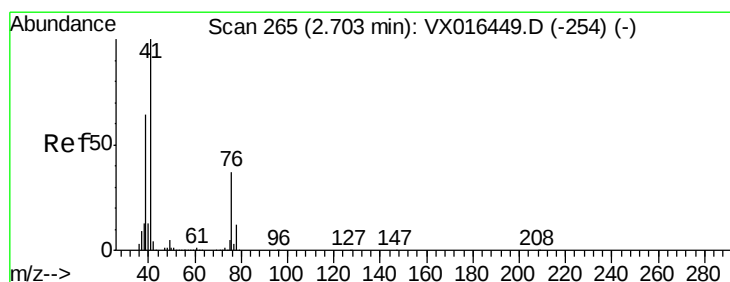
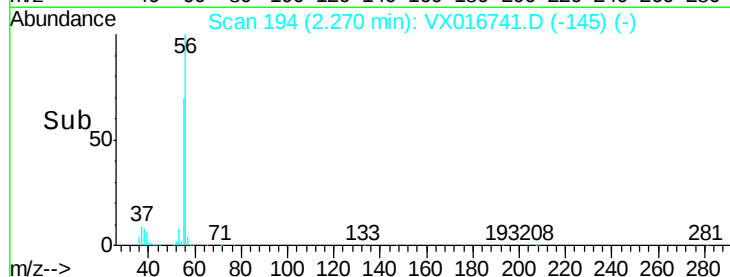
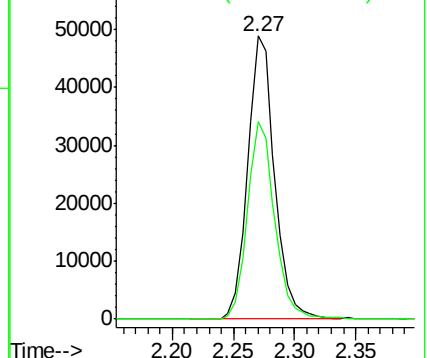
56 100

55 70.3 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 43.450 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

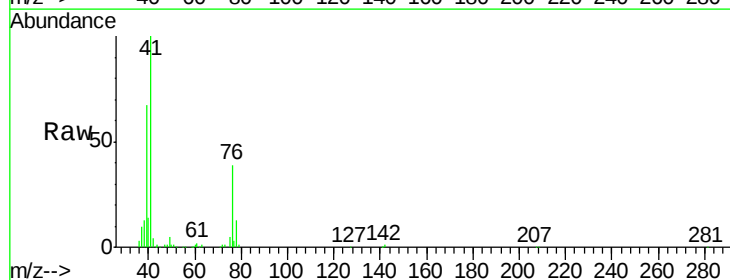
Tgt Ion: 41 Resp: 166149

Ion Ratio Lower Upper

41 100

39 61.1 47.7 71.5

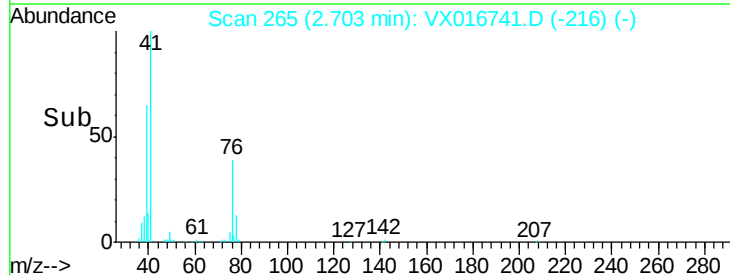
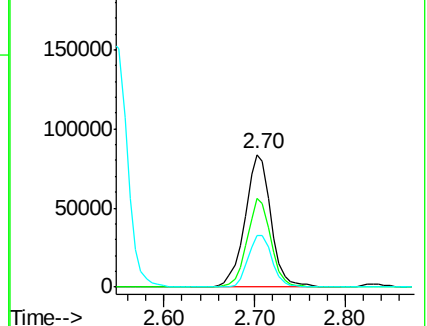
76 36.4 26.6 40.0

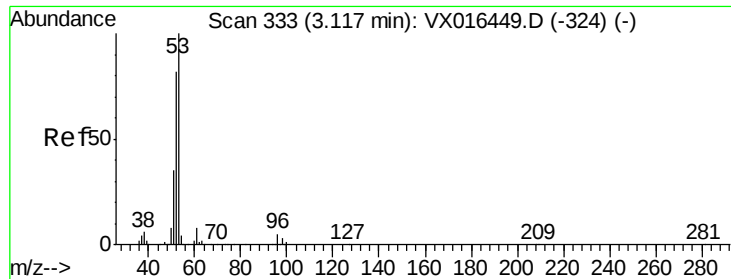


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 245.813 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

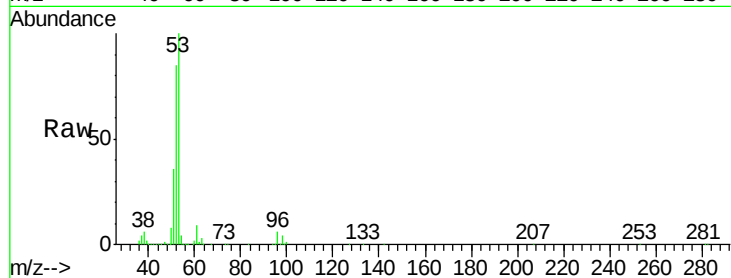
Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 346510

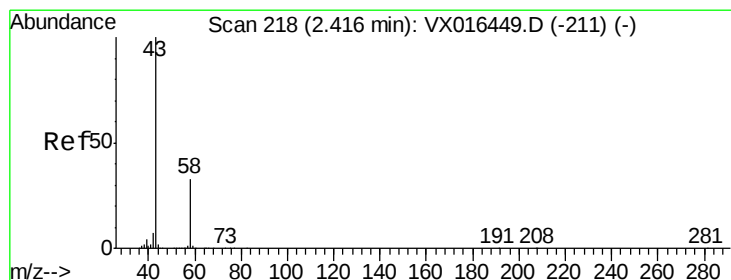
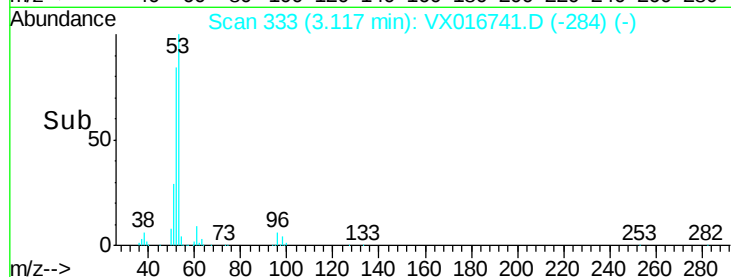
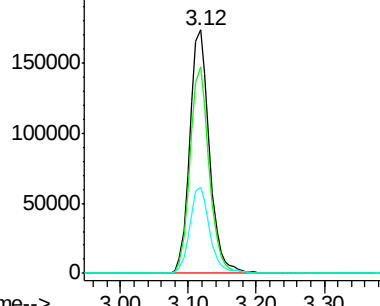
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.7	100.1
51	36.2	28.6	43.0



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: 249.788 ug/l

RT: 2.42 min Scan# 219

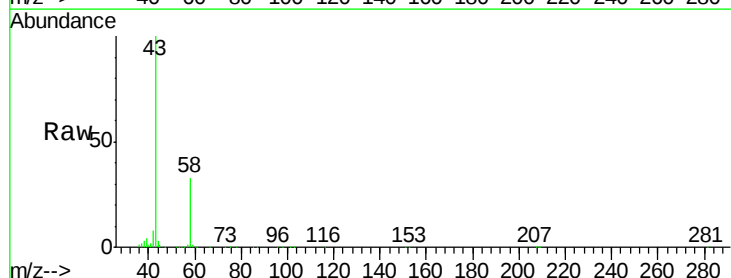
Delta R.T. 0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

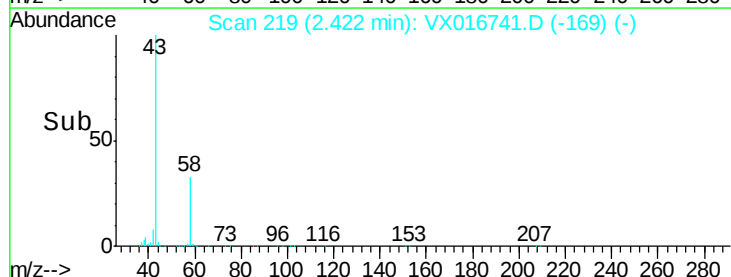
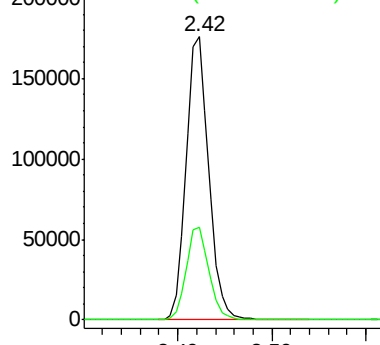
Tgt Ion: 43 Resp: 293687

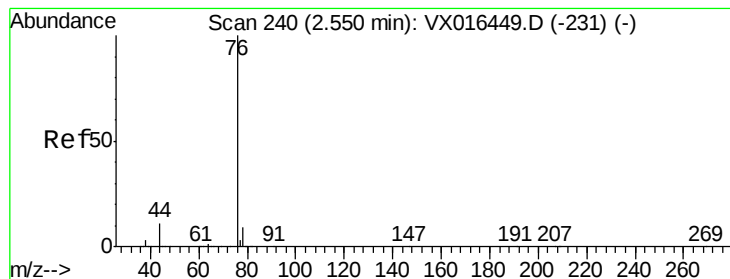
Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.1	39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 41.731 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

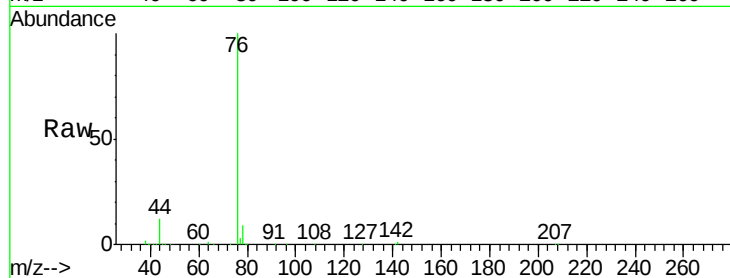
ClientSampleId :

Tot Ion: 76 Resp: 257677

Ion Ratio Lower Upper

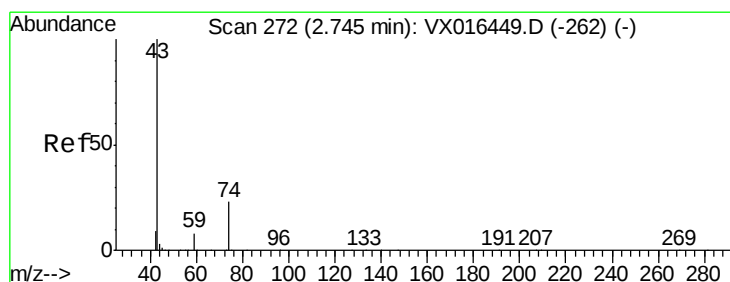
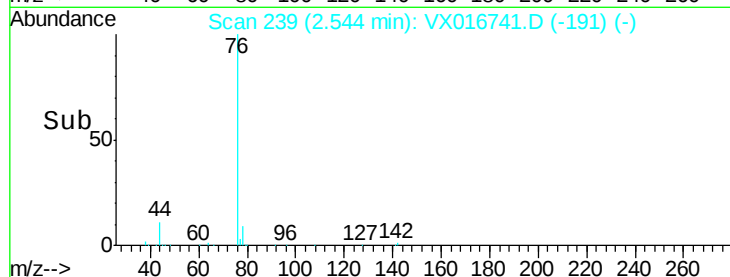
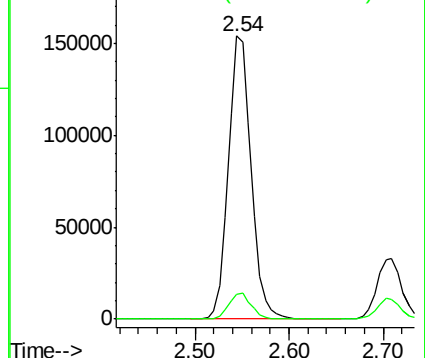
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.567 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016741.D

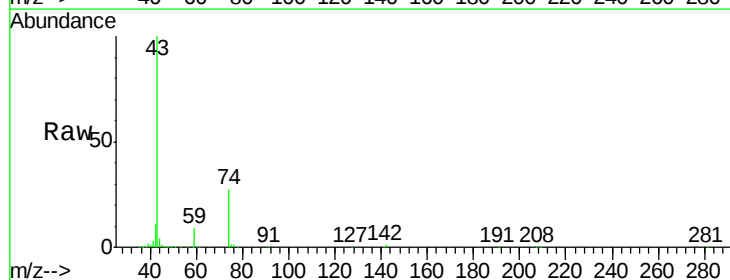
Acq: 12 Jun 2020 20:05

Tgt Ion: 43 Resp: 152487

Ion Ratio Lower Upper

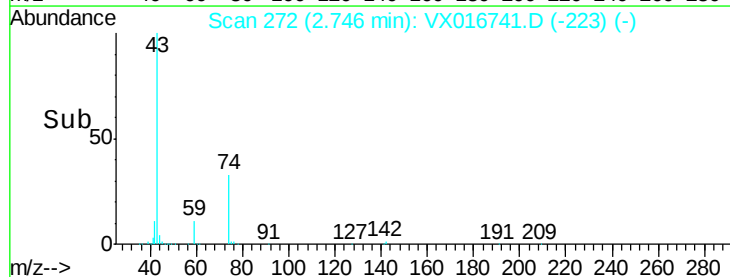
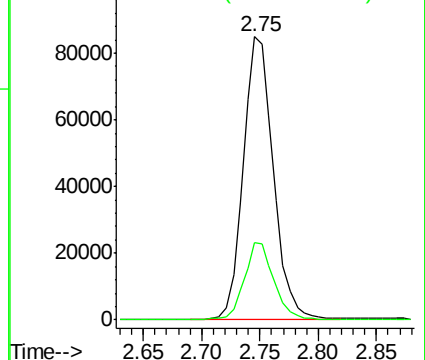
43 100

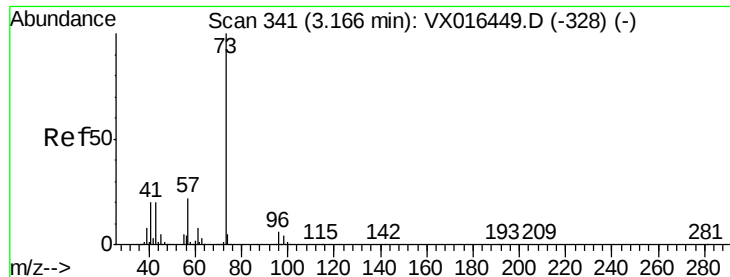
74 26.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

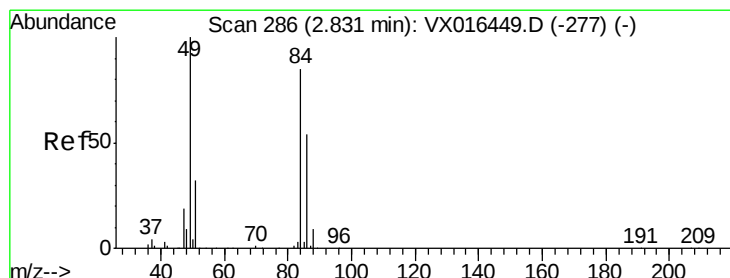
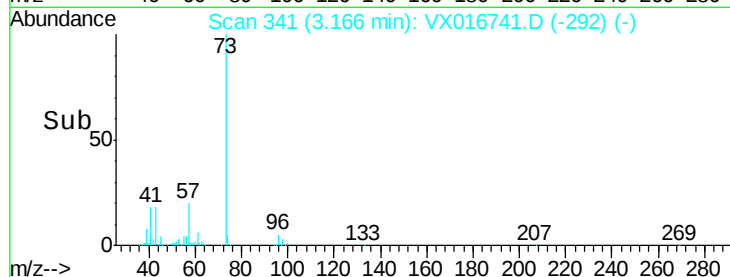
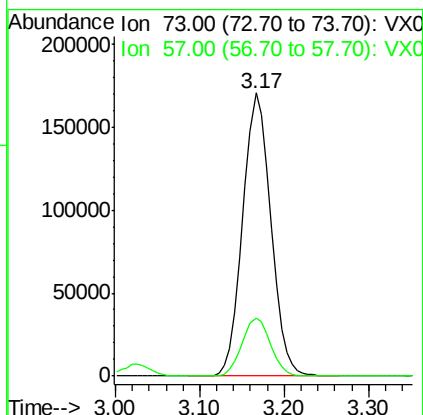
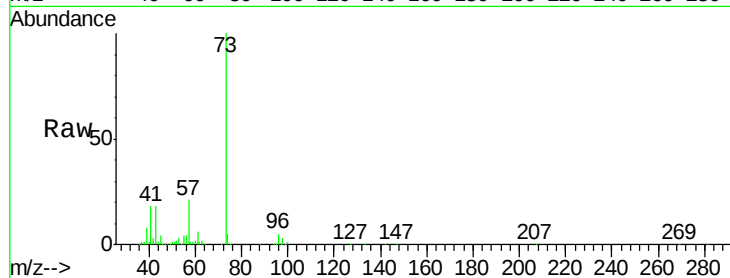




#19
Methyl tert-butyl Ether
Concen: 51.527 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

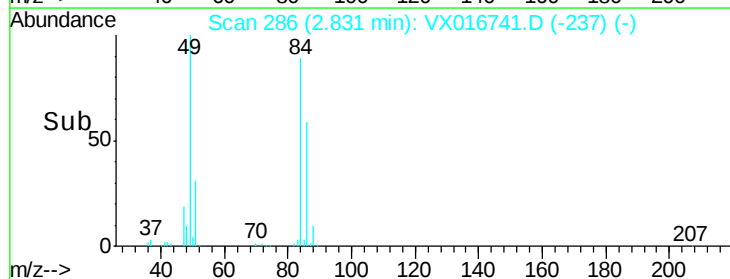
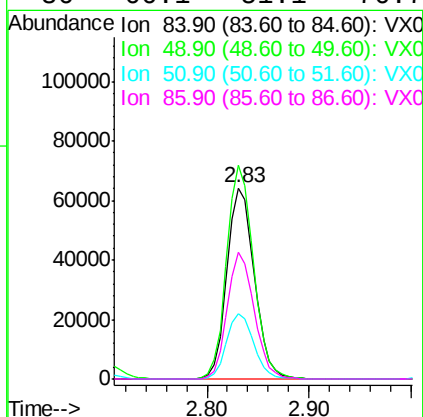
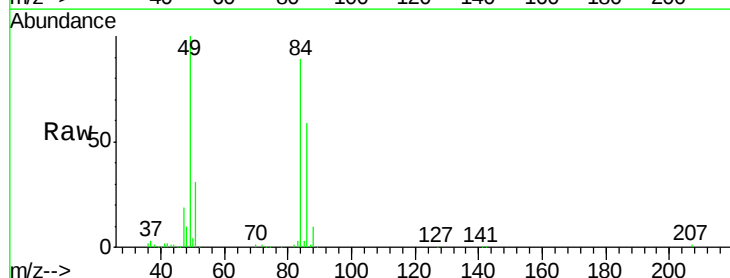
Instrument :
MSVOA_X
ClientSampleId :

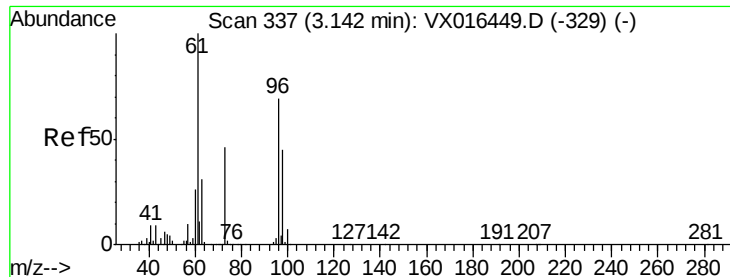
Tot Ion: 73 Resp: 384720
Ion Ratio Lower Upper
73 100
57 20.5 17.8 26.6



#20
Methylene Chloride
Concen: 48.977 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion: 84 Resp: 119139
Ion Ratio Lower Upper
84 100
49 111.9 94.5 141.7
51 34.3 30.2 45.4
86 66.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 49.805 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

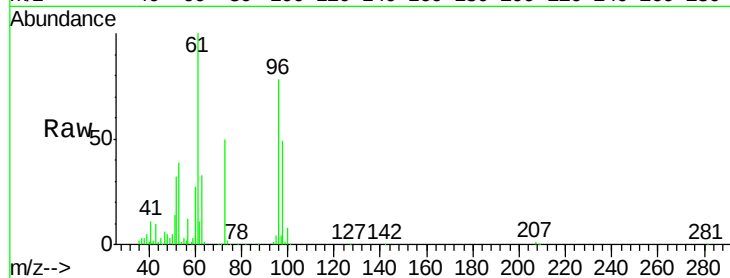
Tot Ion: 96 Resp: 114547

Ion Ratio Lower Upper

96 100

61 127.5 115.3 172.9

98 62.9 51.9 77.9

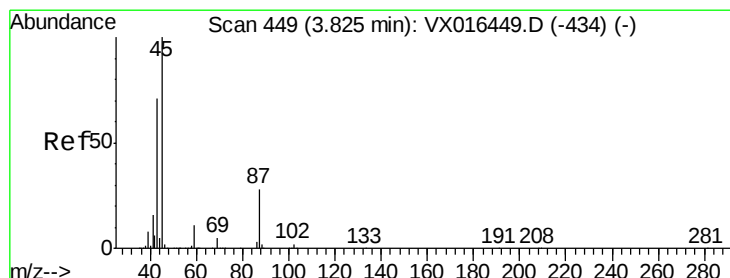
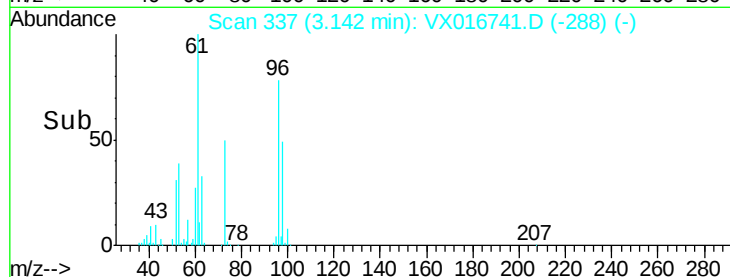
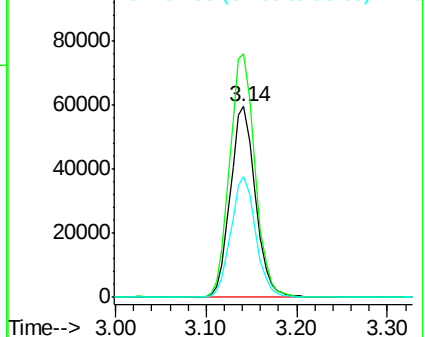


Abundance

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: 45.540 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Tgt Ion: 45 Resp: 334533

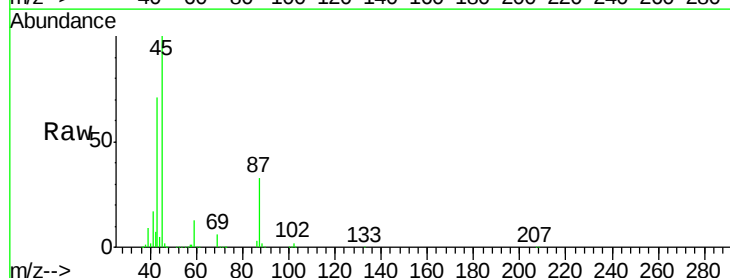
Ion Ratio Lower Upper

45 100

43 70.7 57.0 85.6

87 33.2 22.5 33.7

59 12.9 9.1 13.7



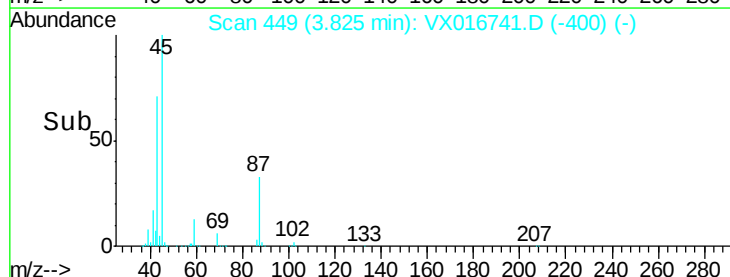
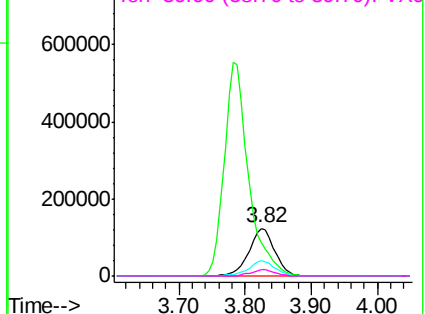
Abundance

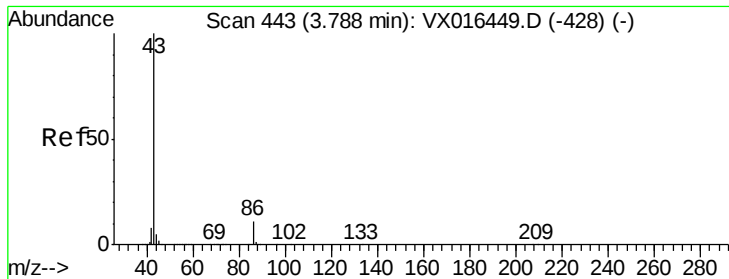
Ion 45.00 (44.70 to 45.70): VX0

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: 219.010 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

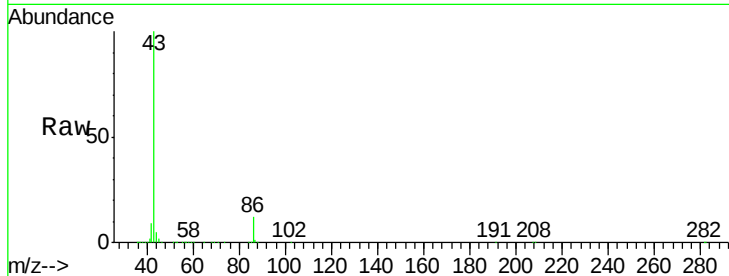
ClientSampled :

Tot Ion: 43 Resp: 1408207

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

600000

500000

400000

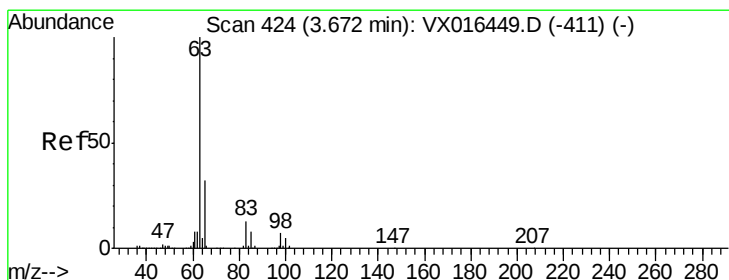
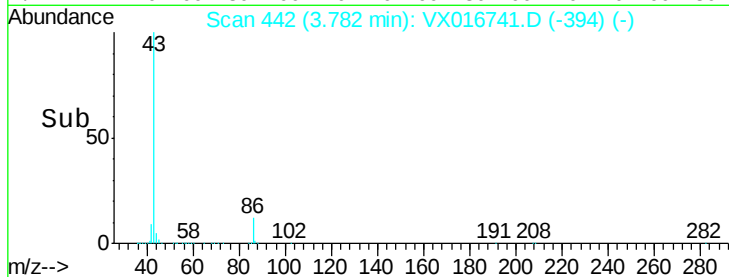
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.794 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

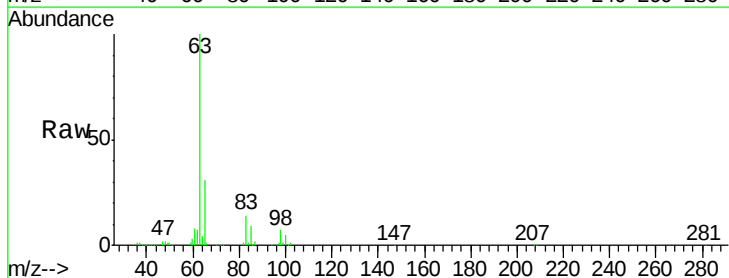
Tgt Ion: 63 Resp: 202307

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 4.9 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

100000

80000

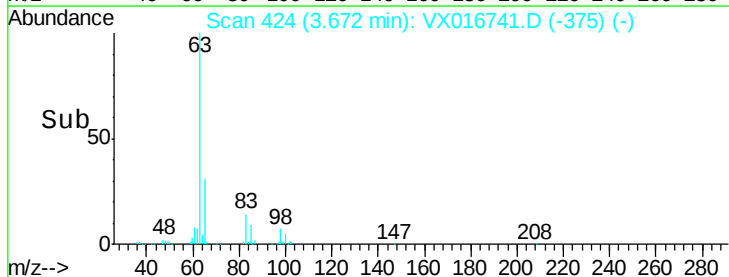
60000

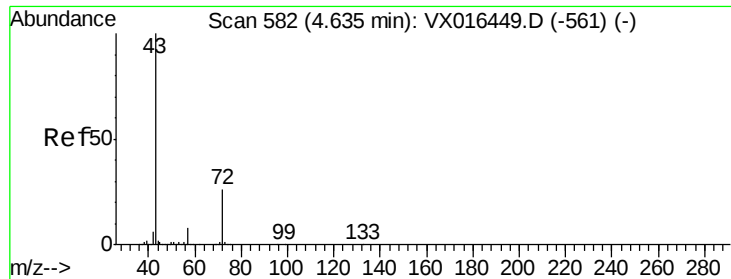
40000

20000

0

Time-->





#25

2-Butanone

Concen: 233.505 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

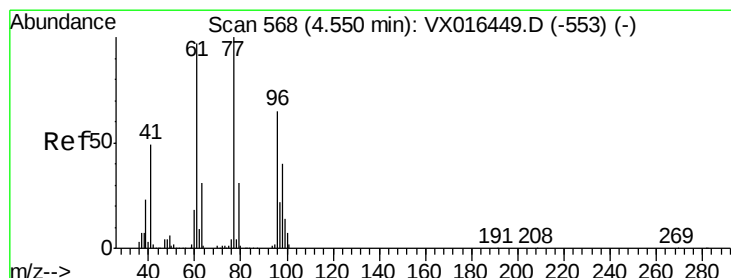
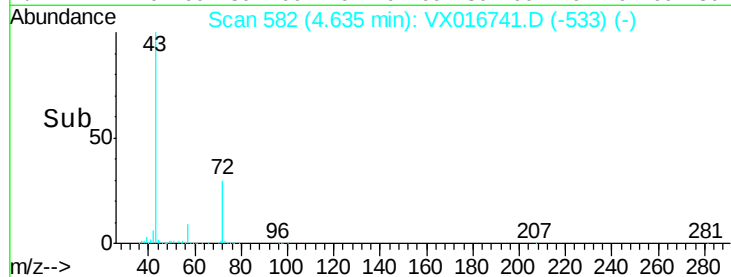
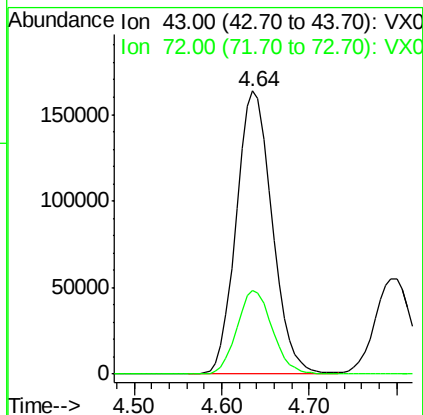
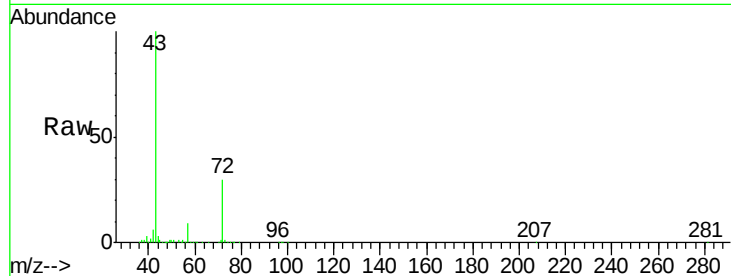
ClientSampleId :

Tot Ion: 43 Resp: 465202

Ion Ratio Lower Upper

43 100

72 29.5 21.0 31.6



#26

2,2-Dichloropropane

Concen: 47.072 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016741.D

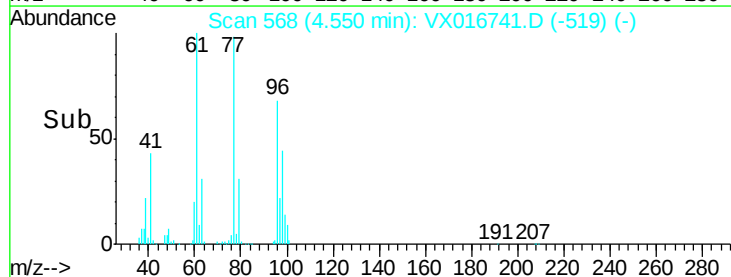
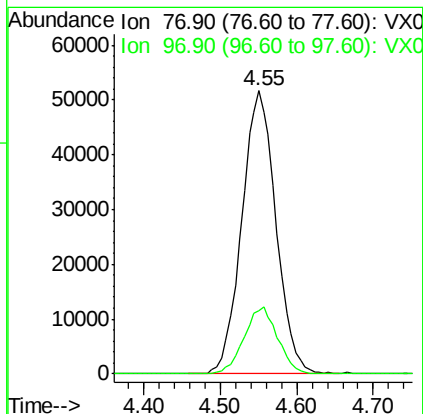
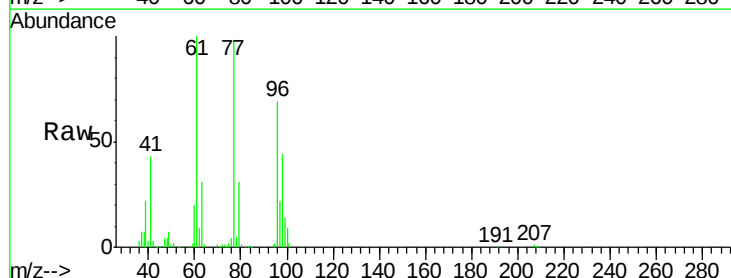
Acq: 12 Jun 2020 20:05

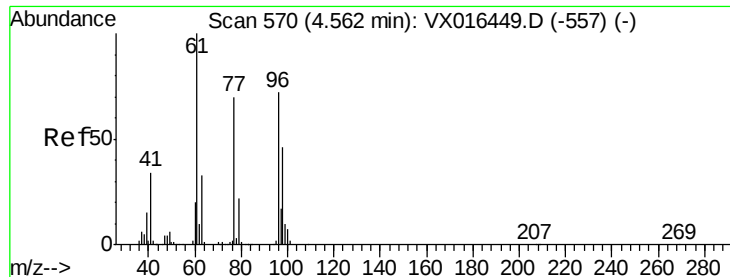
Tgt Ion: 77 Resp: 159701

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4



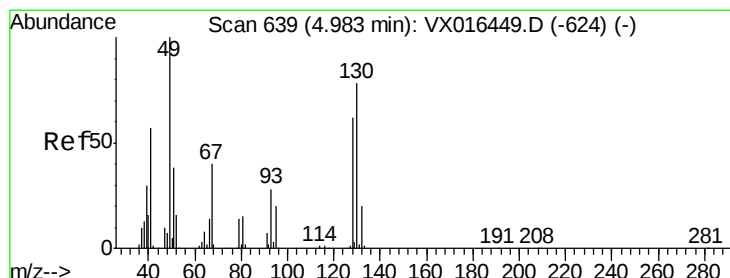
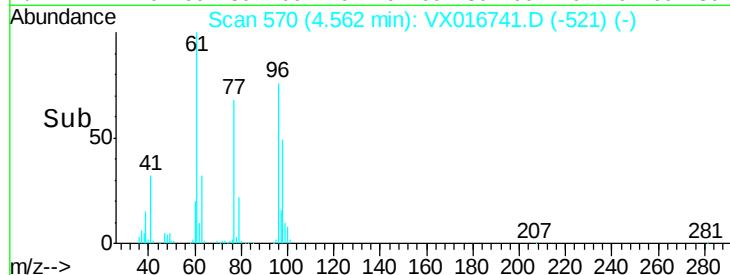
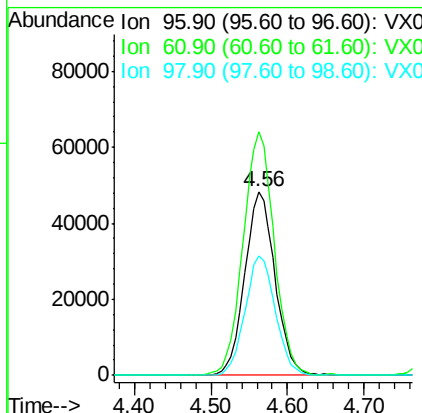
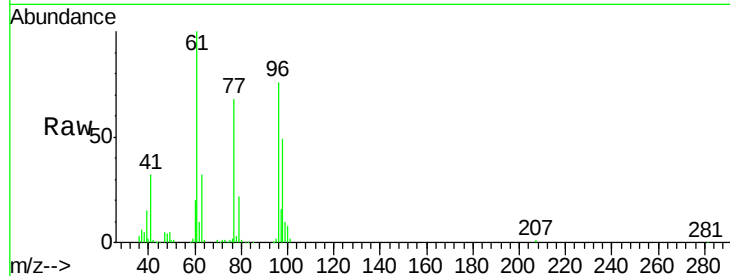


#27

cis-1,2-Dichloroethene
Concen: 49.918 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :

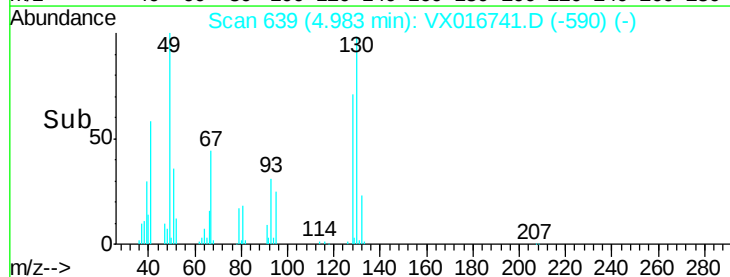
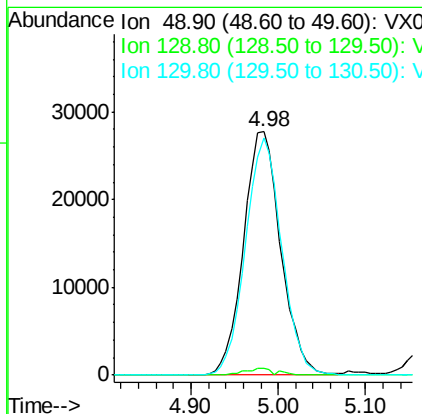
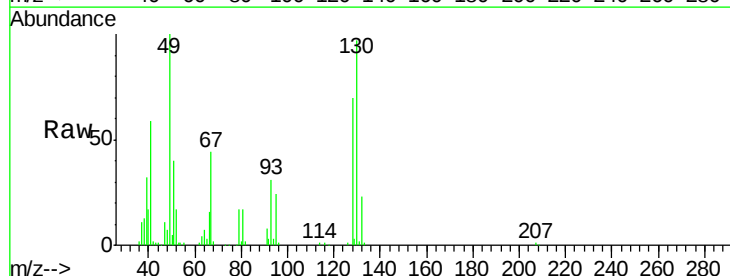
Tot Ion	96	Resp	132817
Ion	Ratio	Lower	Upper
96	100		
61	136.3	0.0	284.6
98	65.6	0.0	127.2

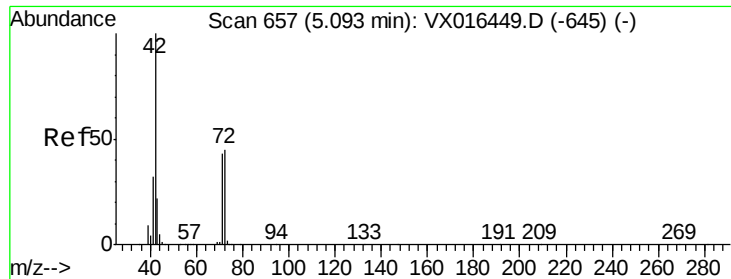


#28

Bromochloromethane
Concen: 42.655 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	49	Resp	82183
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	94.5	63.0	94.4#





#29

Tetrahydrofuran

Concen: 232.044 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

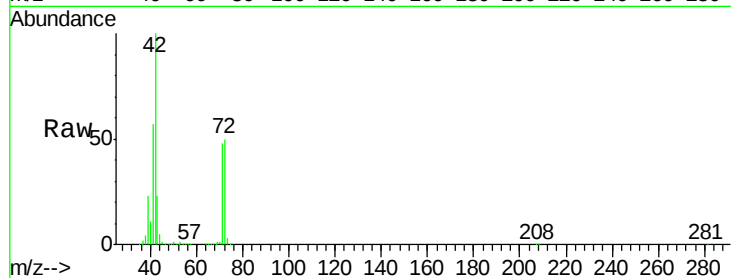
Tot Ion: 42 Resp: 298661

Ion Ratio Lower Upper

42 100

72 50.9 37.0 55.4

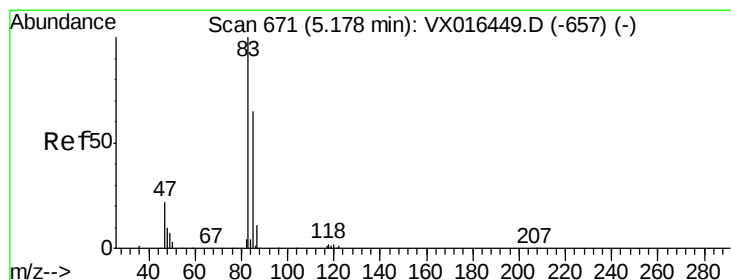
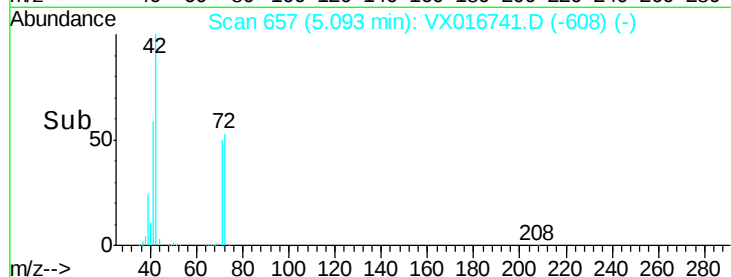
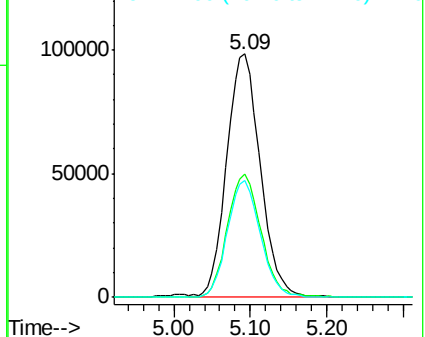
71 47.3 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.281 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016741.D

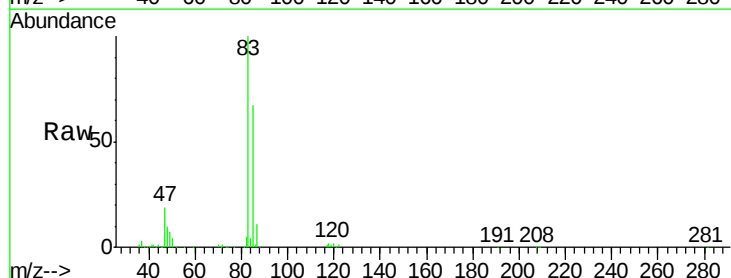
Acq: 12 Jun 2020 20:05

Tgt Ion: 83 Resp: 218410

Ion Ratio Lower Upper

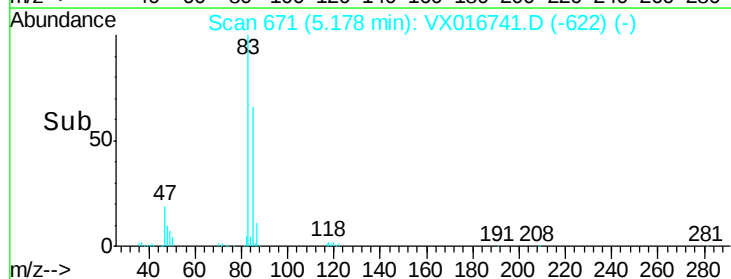
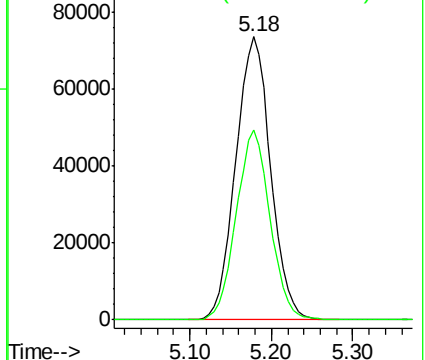
83 100

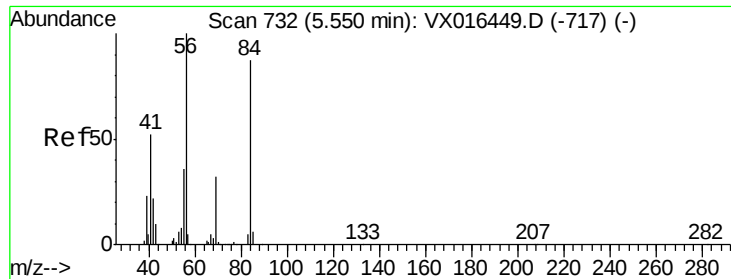
85 66.9 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

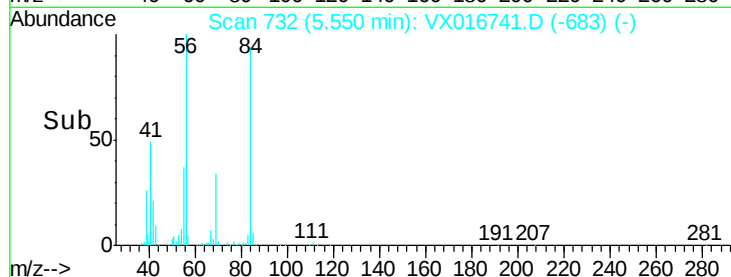
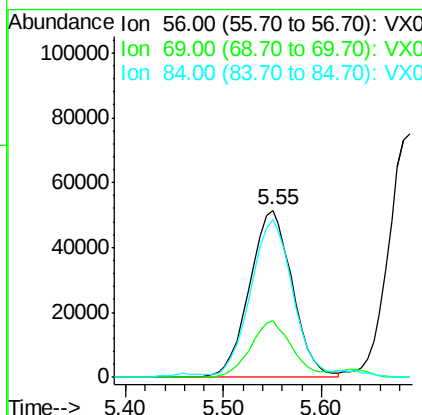
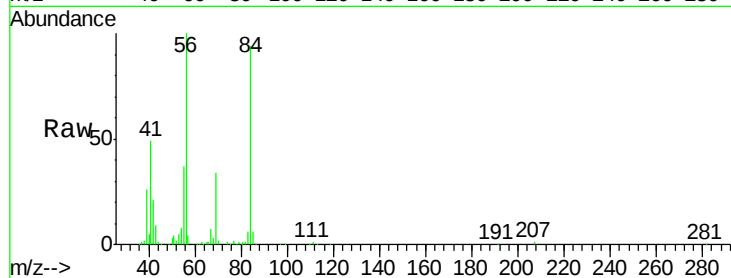




#31
Cyclohexane
Concen: 41.880 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

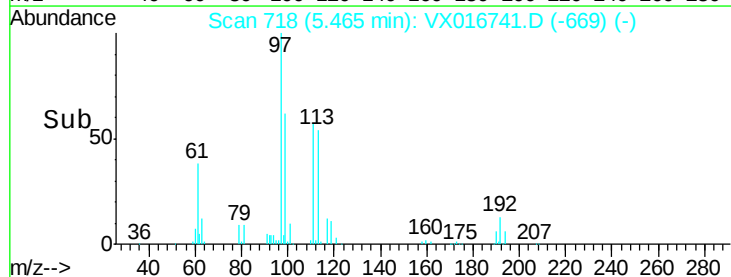
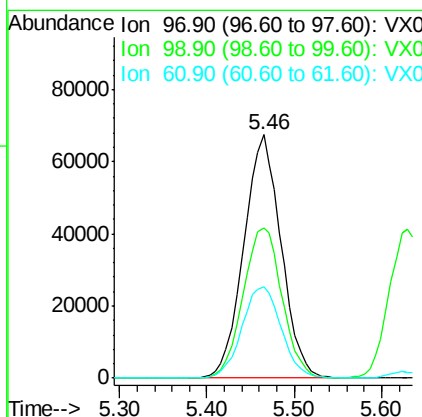
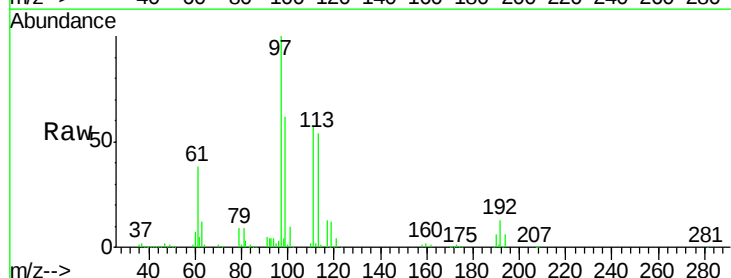
Instrument :
MSVOA_X
ClientSampleId :

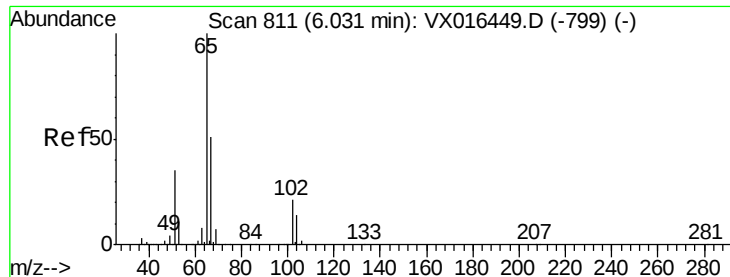
Tot Ion: 56 Resp: 156211
Ion Ratio Lower Upper
56 100
69 33.9 25.7 38.5
84 92.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 52.789 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion: 97 Resp: 199657
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 39.7 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 48.954 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

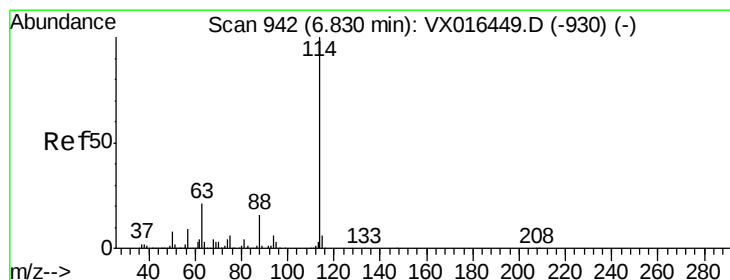
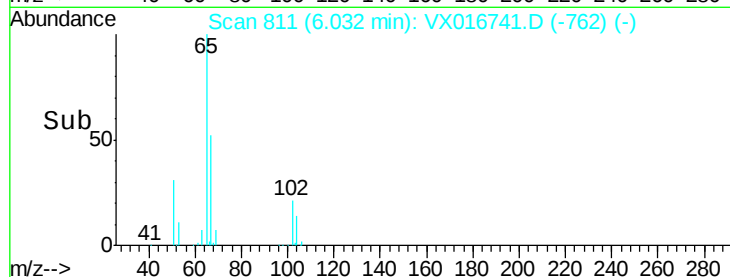
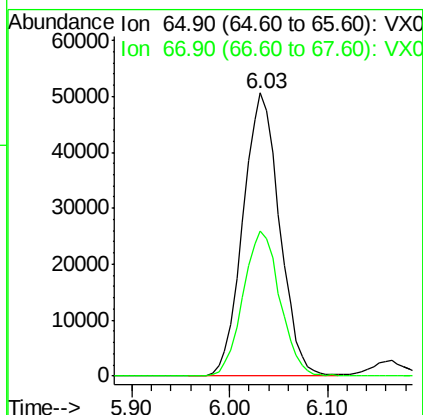
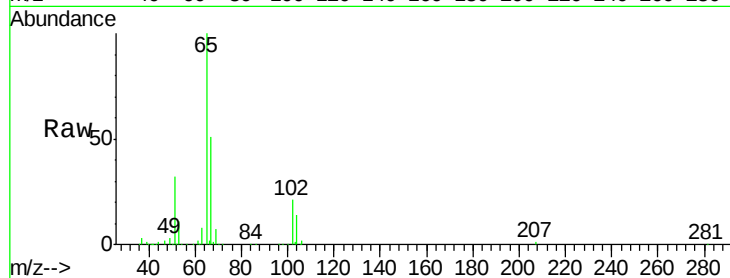
ClientSampleId :

Tot Ion: 65 Resp: 131372

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

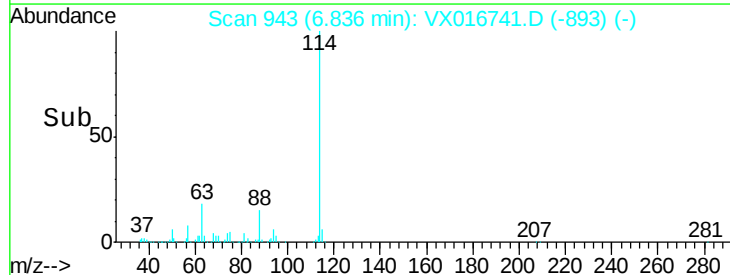
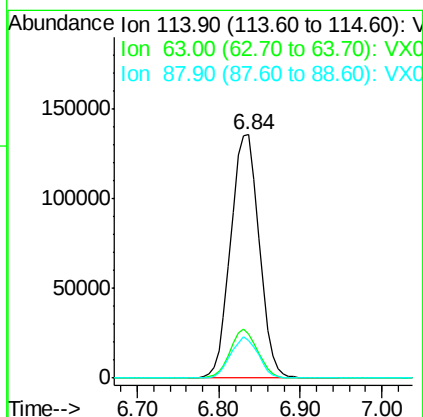
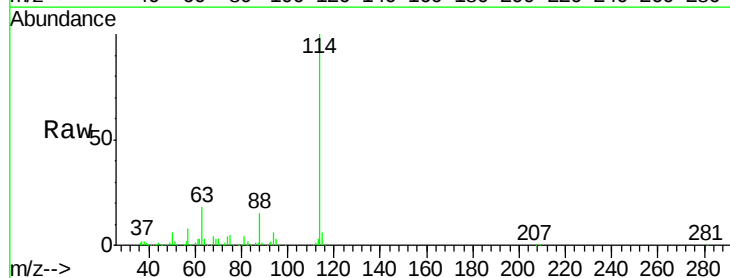
Tgt Ion: 114 Resp: 327269

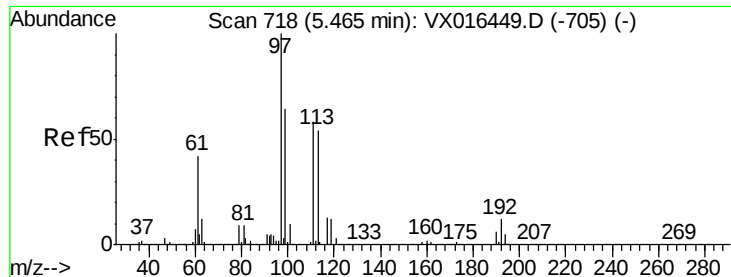
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.6

88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.603 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampled :

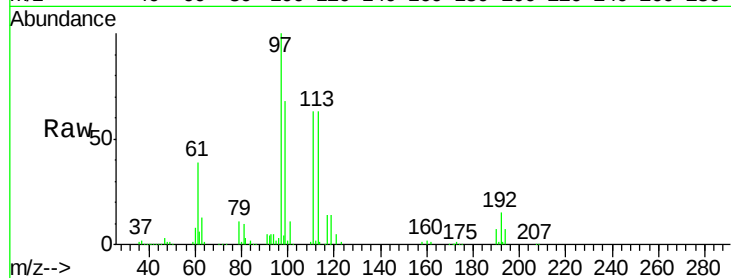
Tot Ion:113 Resp: 108017

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

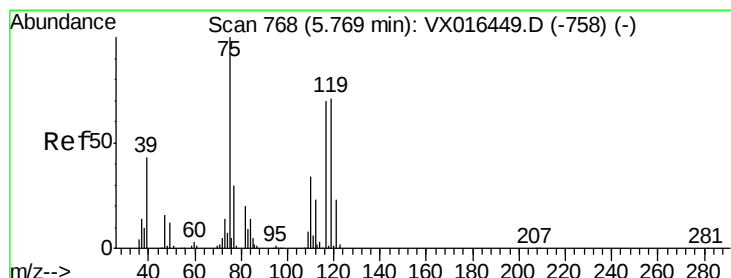
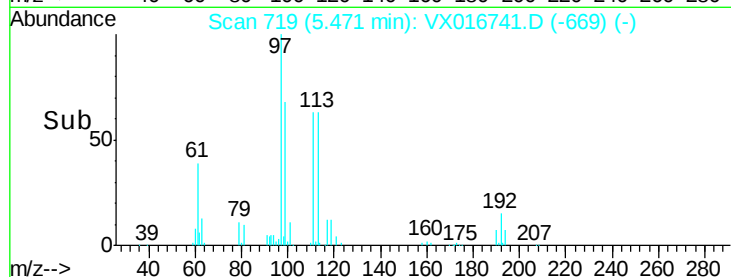
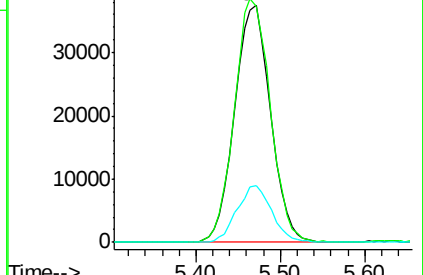
192 23.2 17.7 26.5



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: 48.237 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

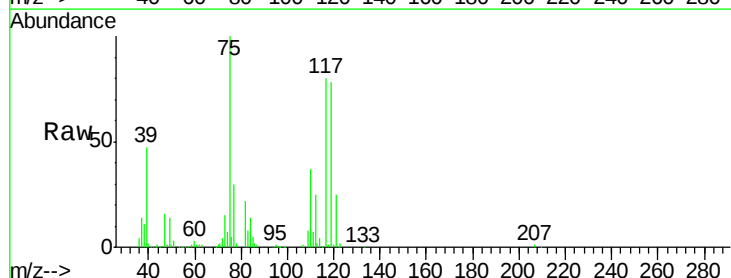
Tgt Ion: 75 Resp: 149469

Ion Ratio Lower Upper

75 100

110 37.7 17.4 52.3

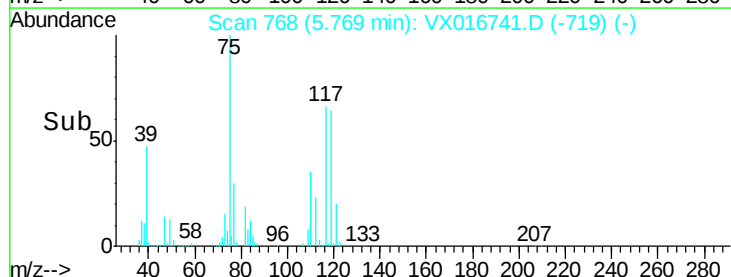
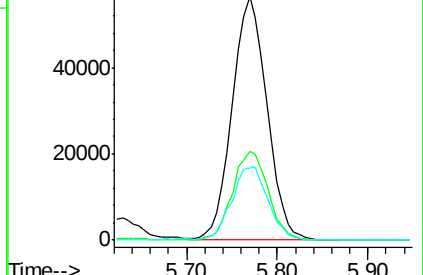
77 31.6 24.2 36.4

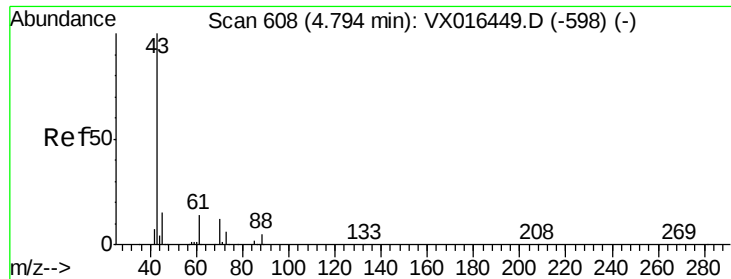


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

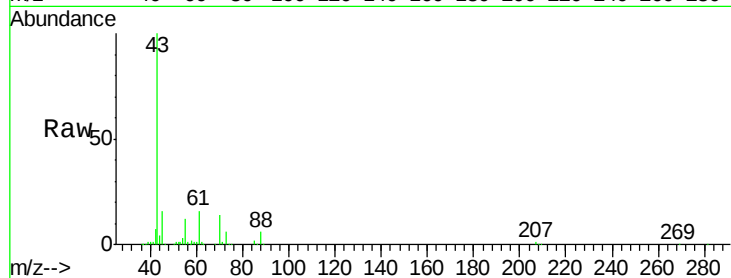




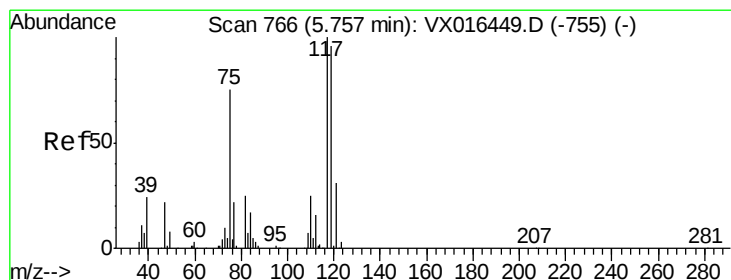
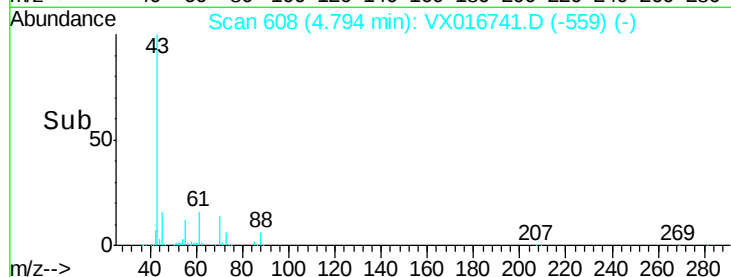
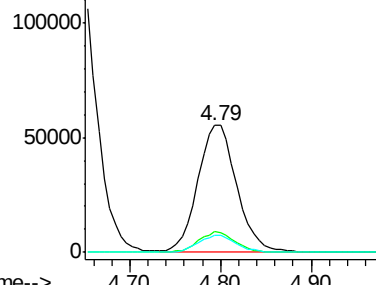
#37
Ethyl Acetate
Concen: 44.026 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleID :

Tot Ion: 43 Resp: 163785
Ion Ratio Lower Upper
43 100
61 15.3 11.3 16.9
70 13.2 9.3 13.9

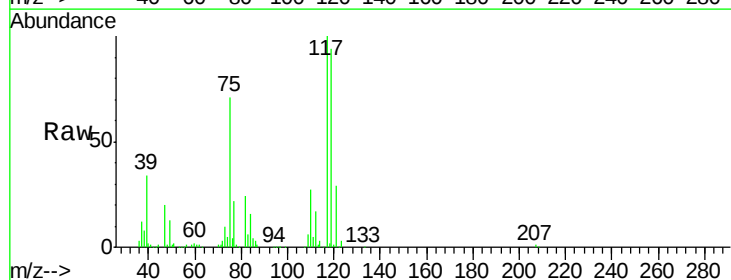


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

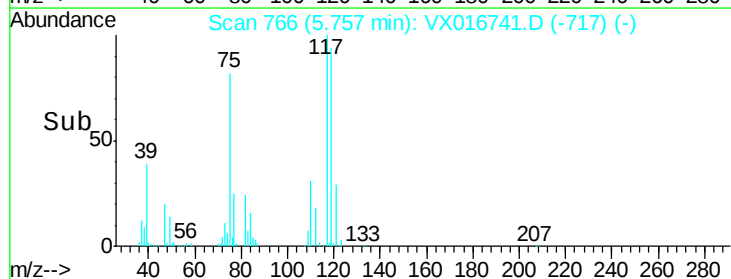
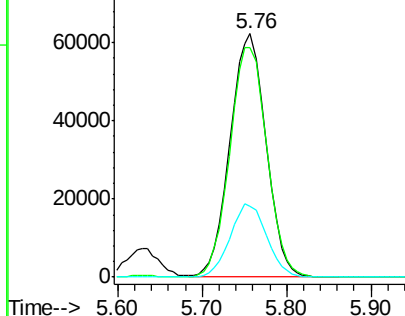


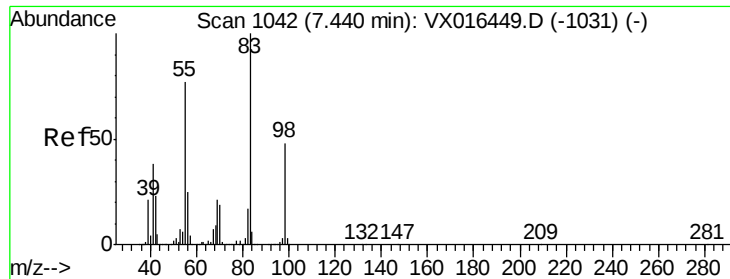
#38
Carbon Tetrachloride
Concen: 55.475 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion: 117 Resp: 180645
Ion Ratio Lower Upper
117 100
119 94.3 76.3 114.5
121 29.3 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

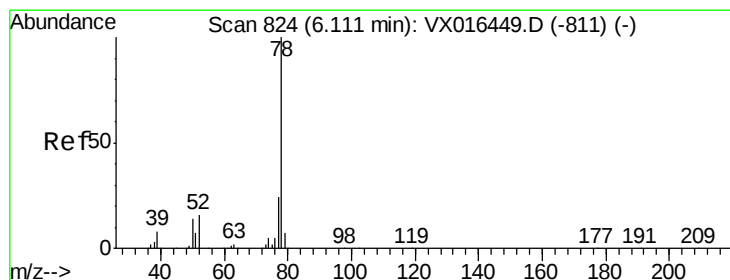
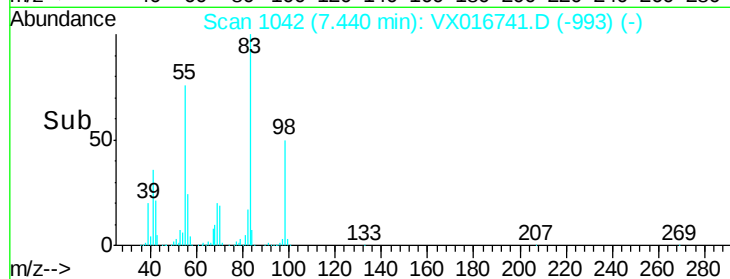
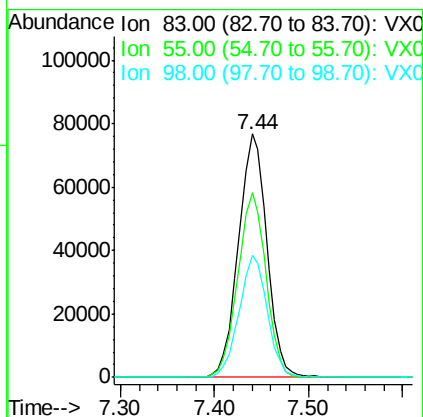
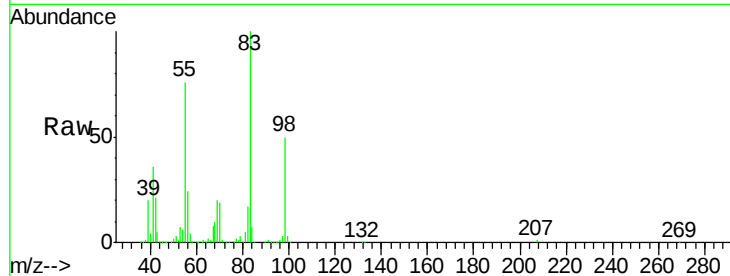




#39
Methvlcvclohexane
Concen: 48.134 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

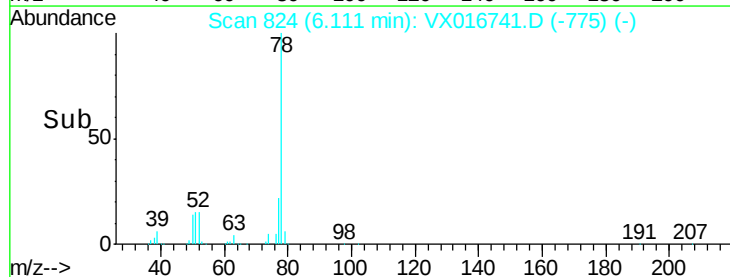
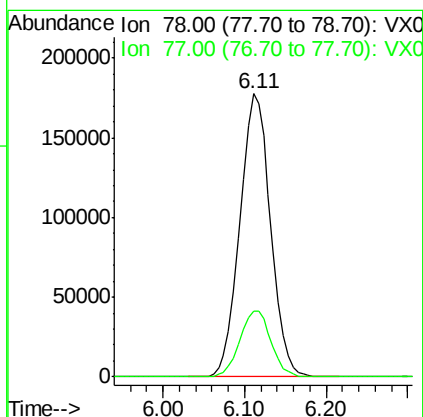
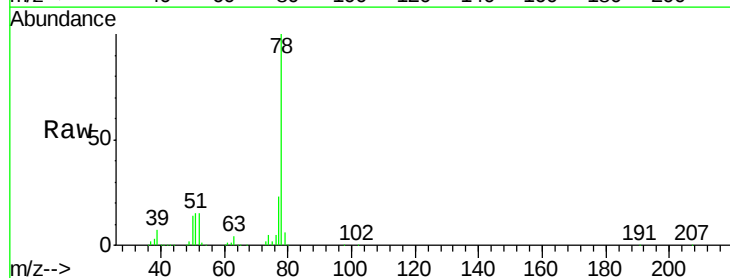
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	83	Resp	161999
Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.7	92.5
98	50.2	38.7	58.1



#40
Benzene
Concen: 50.160 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	78	Resp	462854
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.9	28.3

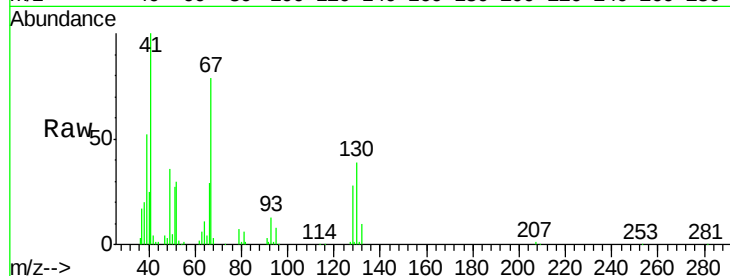




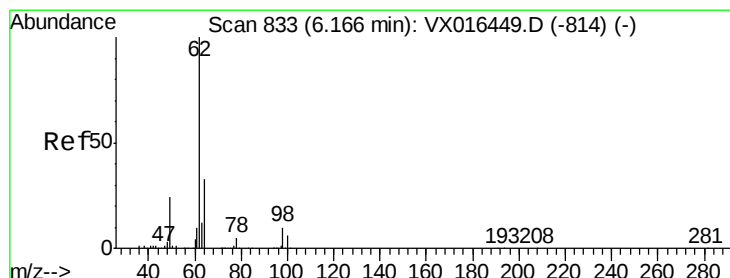
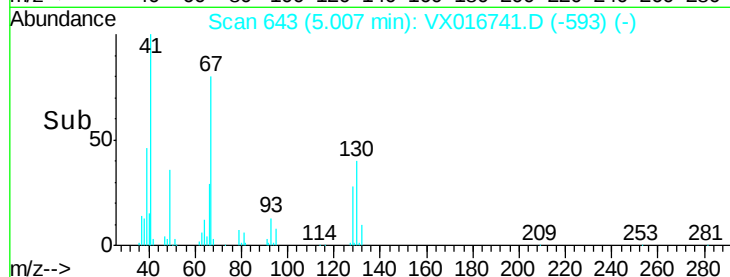
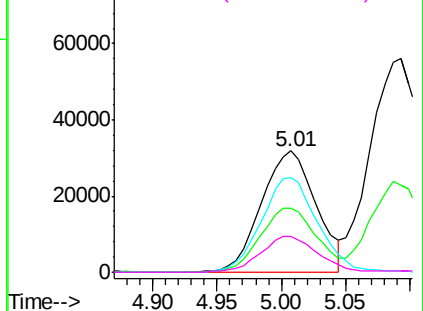
#41
Methacrylonitrile
Concen: 46.010 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	94019
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.0	64.4
67	80.3	58.9	88.3
52	30.8	23.1	34.7

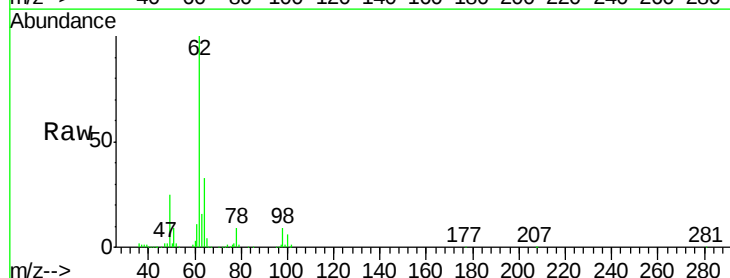


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

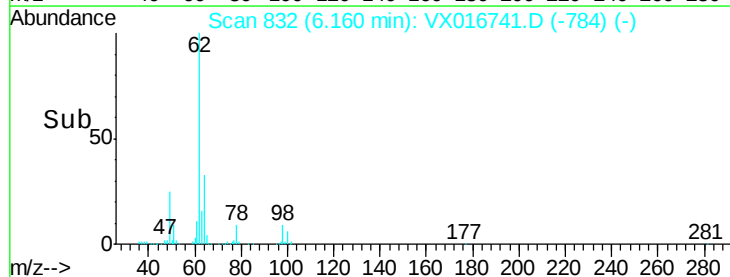
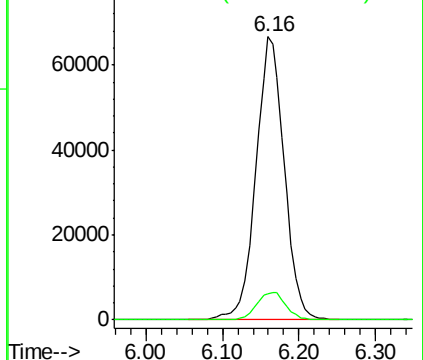


#42
1,2-Dichloroethane
Concen: 52.402 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion:	62	Resp:	171961
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



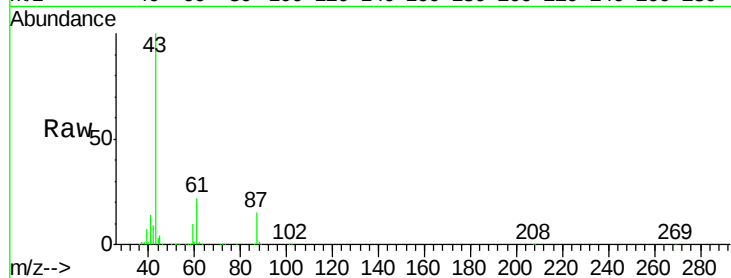


#43

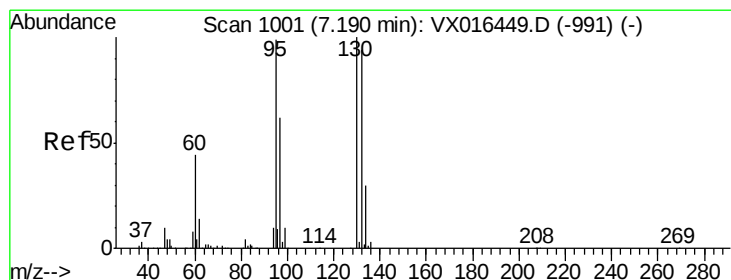
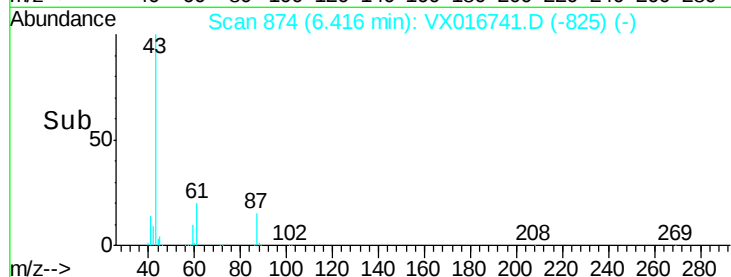
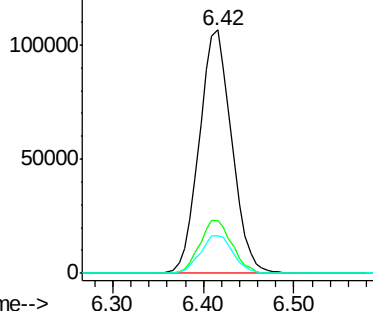
Isopropyl Acetate
 Concen: 45.502 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	43	Resp	264034
Ion Ratio	Lower	Upper	
43	100		
61	22.1	16.8	25.2
87	15.7	11.2	16.8



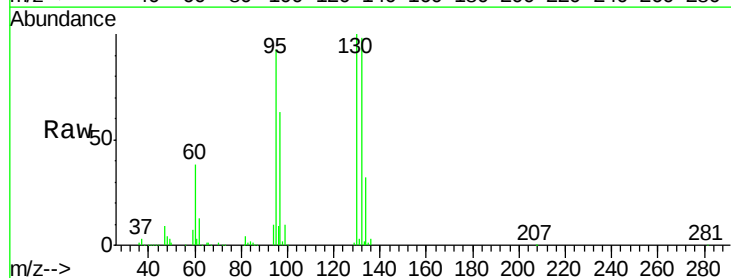
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



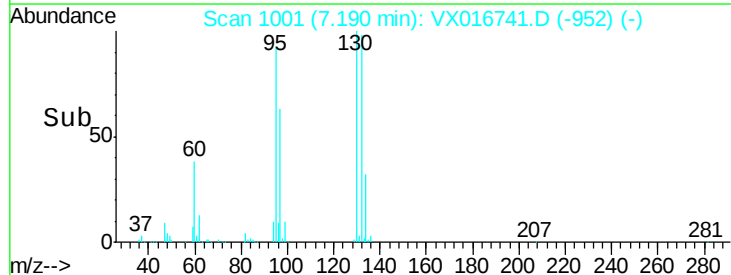
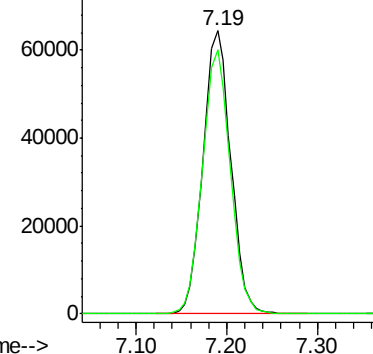
#44

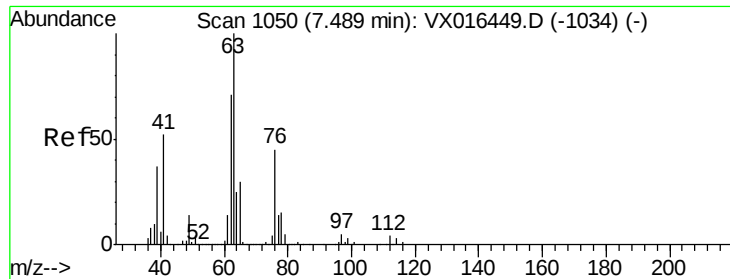
Trichloroethene
 Concen: 46.932 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Tgt Ion	130	Resp	137402
Ion Ratio	Lower	Upper	
130	100		
95	93.4	0.0	198.2



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

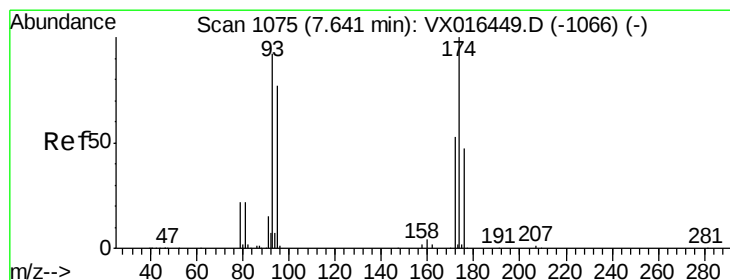
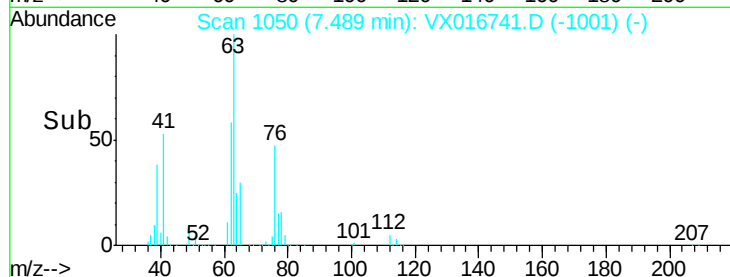
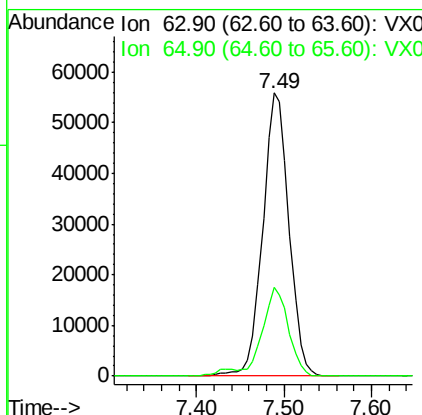
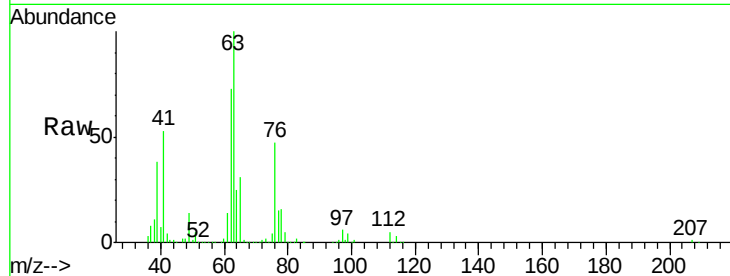




#45
 1,2-Dichloropropane
 Concen: 49.538 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

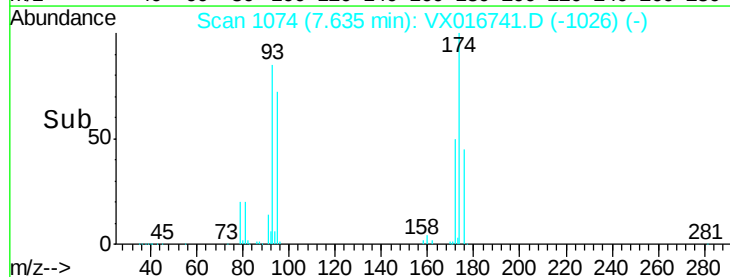
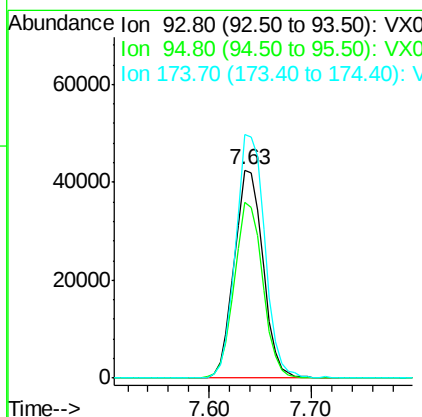
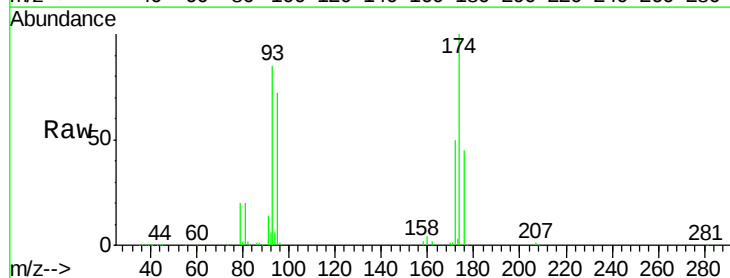
Instrument :
 MSVOA_X
 ClientSampleId :

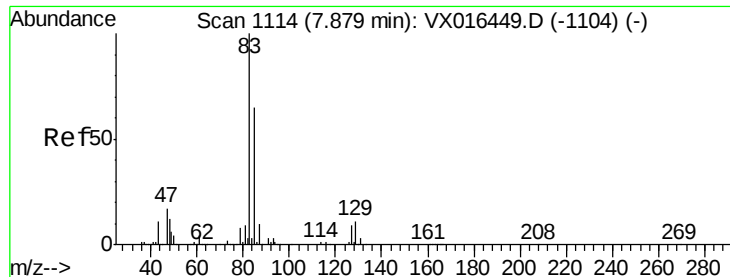
Tot Ion: 63 Resp: 116370
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.2 36.2



#46
 Dibromomethane
 Concen: 52.756 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Tgt Ion: 93 Resp: 83241
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 118.5 86.2 129.4





#47

Bromodichloromethane

Concen: 54.445 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

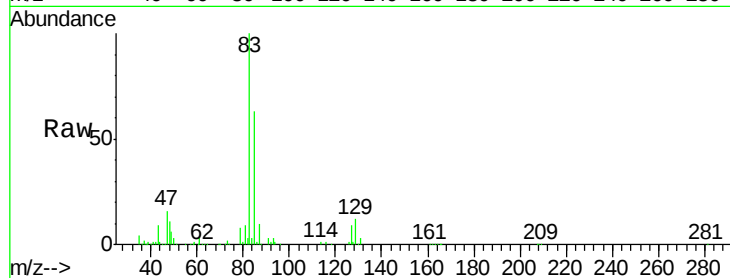
Tot Ion: 83 Resp: 177875

Ion Ratio Lower Upper

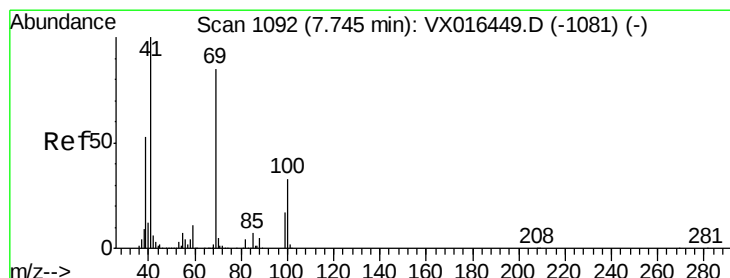
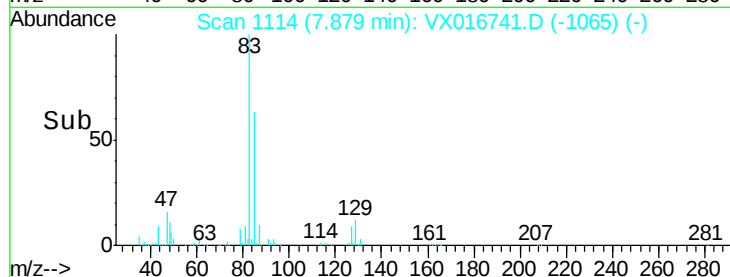
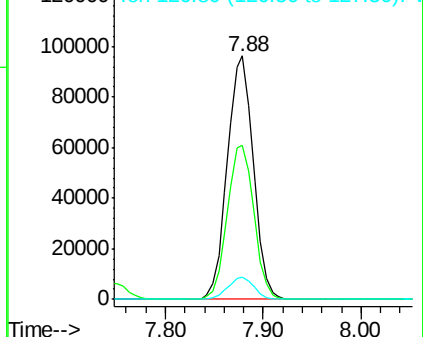
83 100

85 63.5 52.0 78.0

127 9.3 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: 47.122 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

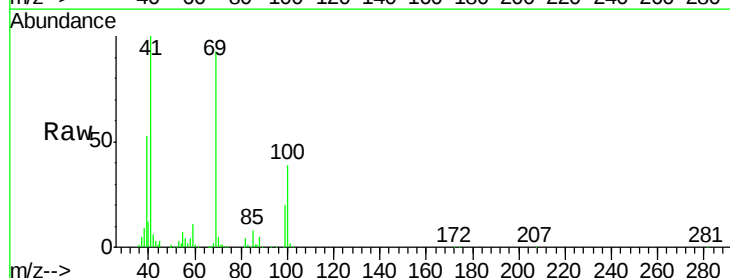
Tgt Ion: 41 Resp: 130922

Ion Ratio Lower Upper

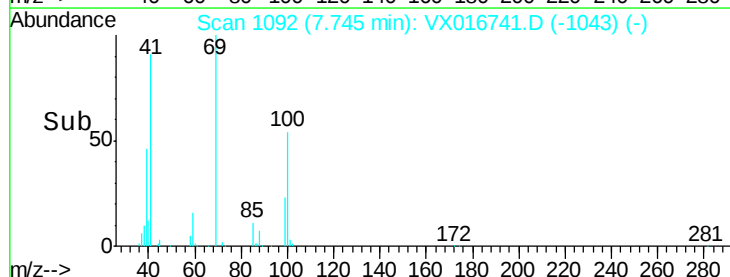
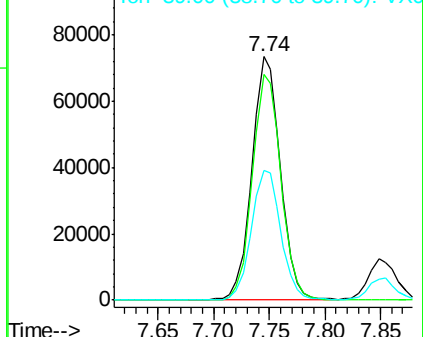
41 100

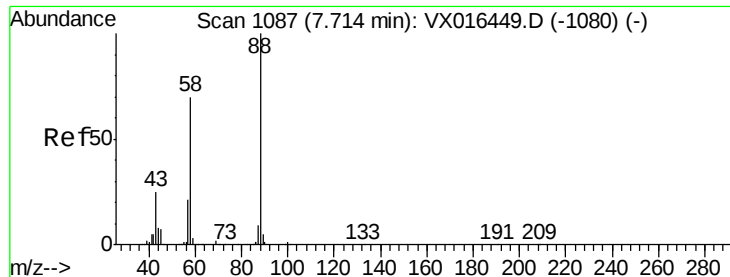
69 93.4 68.6 102.8

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: 960.877 ug/l

RT: 7.71 min Scan# 1087

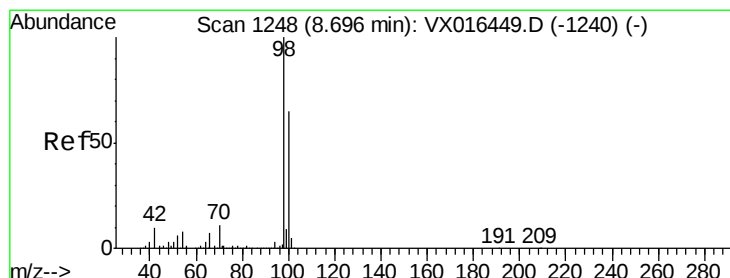
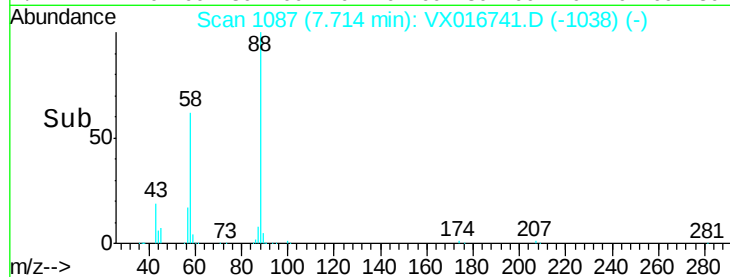
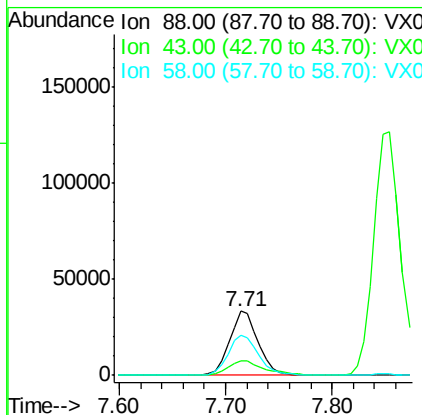
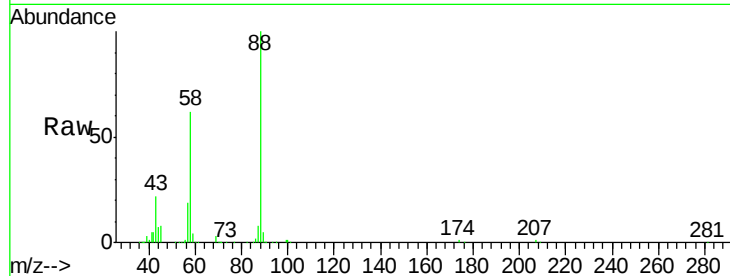
Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	88	Resp:	62477
Ion	Ratio	Lower	Upper
88	100		
43	28.5	24.2	36.4
58	66.6	56.5	84.7



#50

Toluene-d8

Concen: 50.440 ug/l

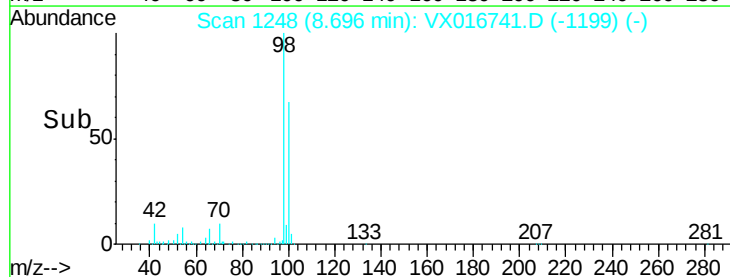
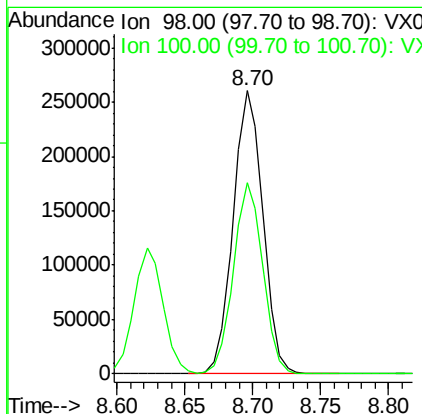
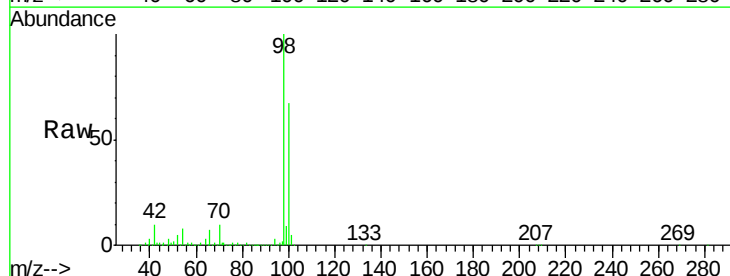
RT: 8.70 min Scan# 1248

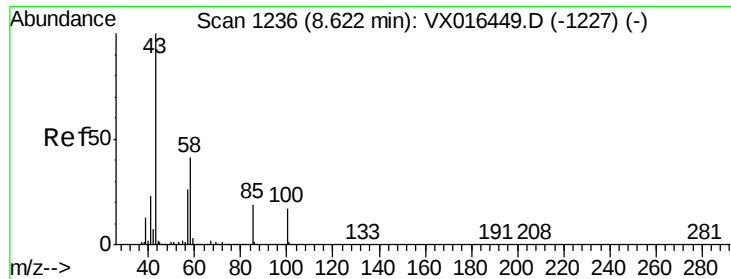
Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Tgt Ion:	98	Resp:	395618
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 245.765 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

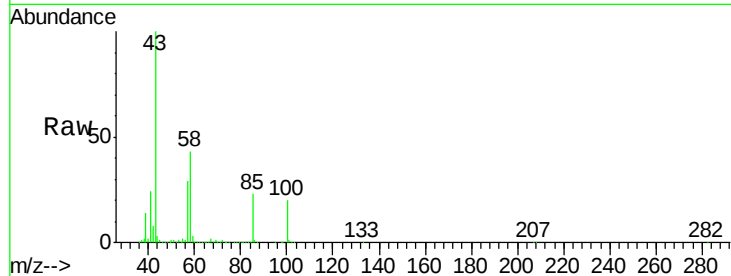
ClientSampleId :

Tot Ion: 43 Resp: 887989

Ion Ratio Lower Upper

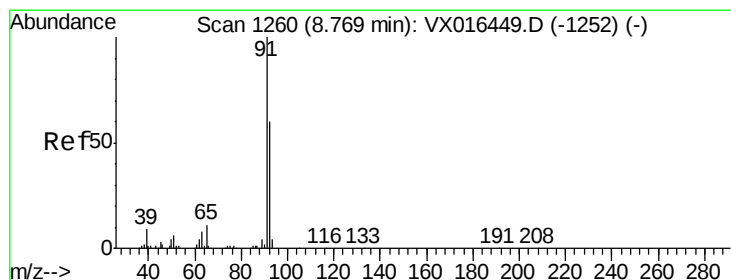
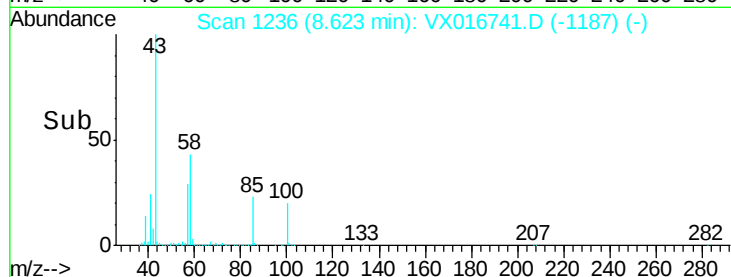
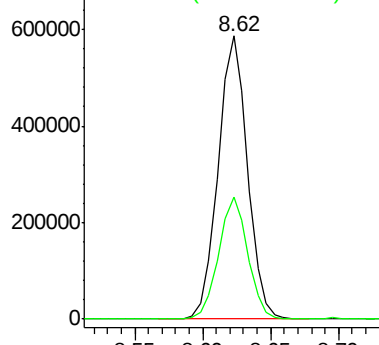
43 100

58 42.8 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: 52.197 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016741.D

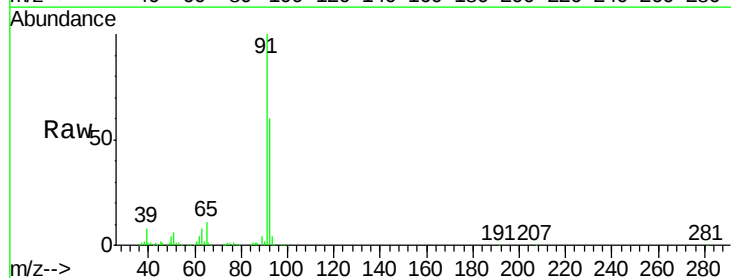
Acq: 12 Jun 2020 20:05

Tgt Ion: 92 Resp: 303723

Ion Ratio Lower Upper

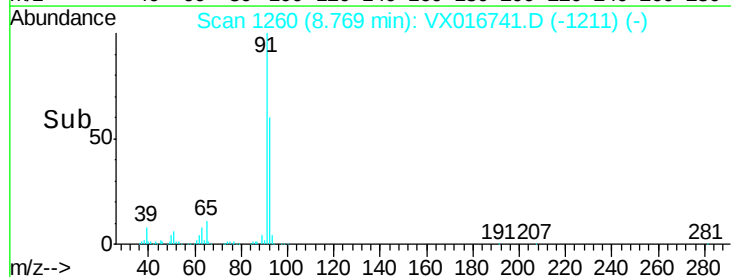
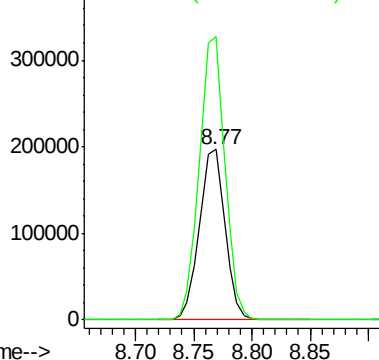
92 100

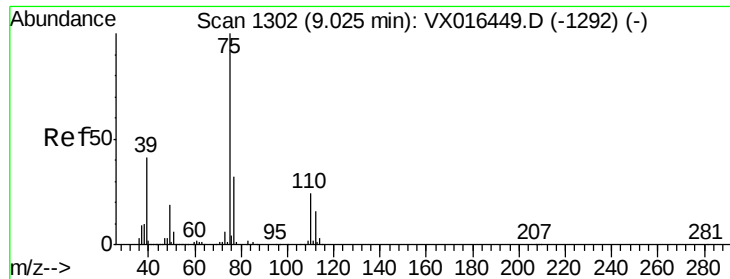
91 166.5 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

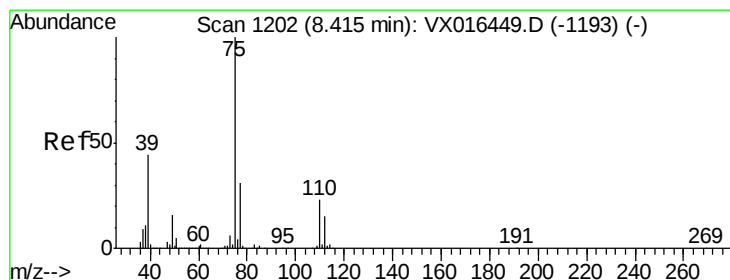
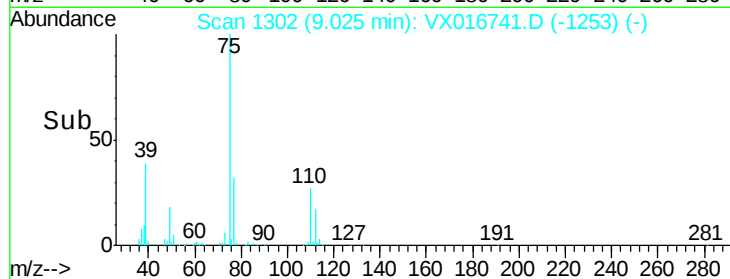
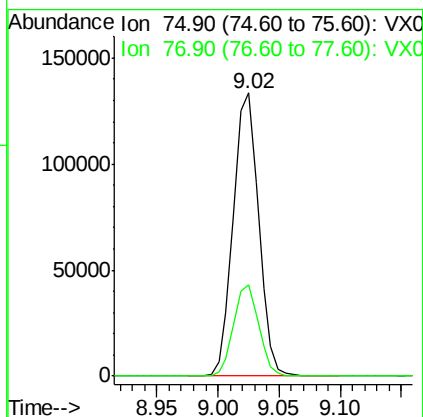
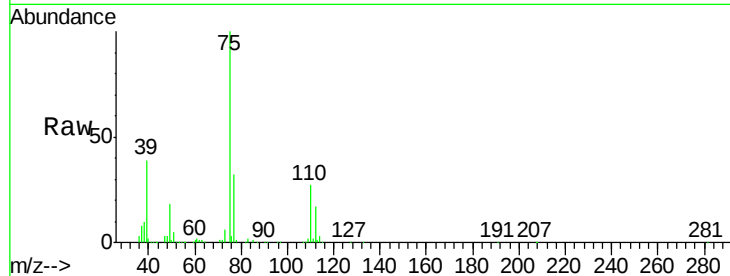




#53
t-1,3-Dichloropropene
Concen: 51.751 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

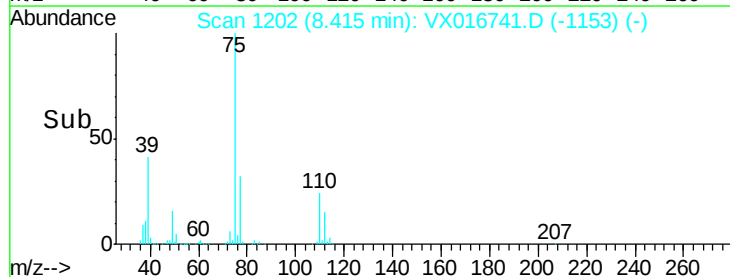
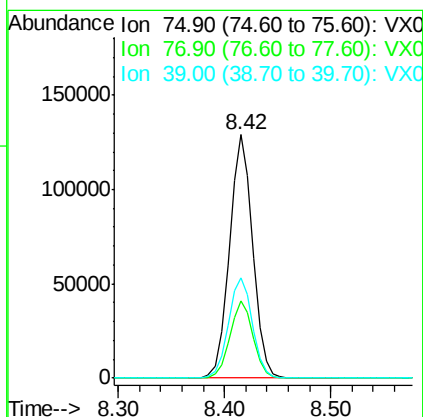
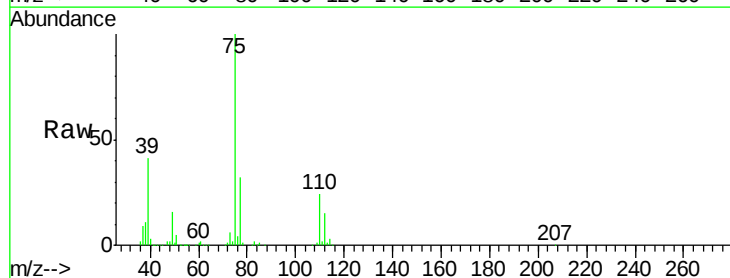
Instrument :
MSVOA_X
ClientSampleId :

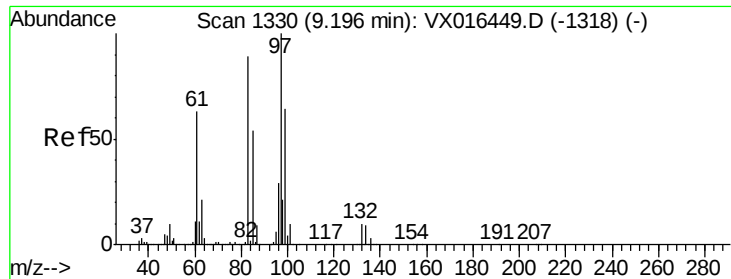
Tot Ion: 75 Resp: 192253
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 50.074 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion: 75 Resp: 196900
Ion Ratio Lower Upper
75 100
77 31.9 24.6 36.8
39 41.0 35.3 52.9

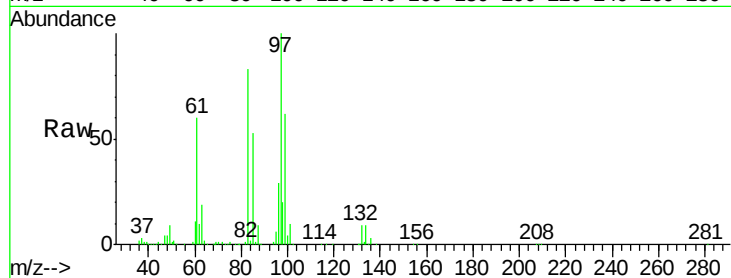




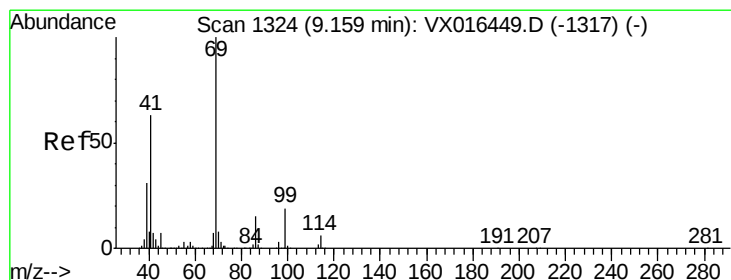
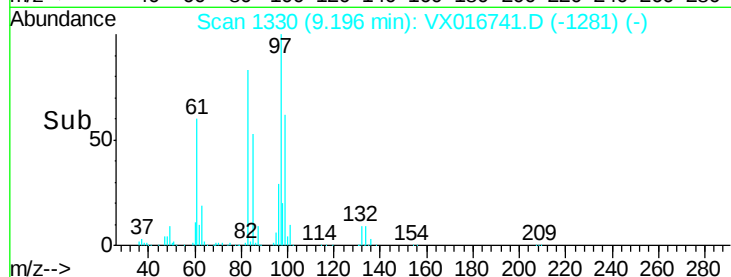
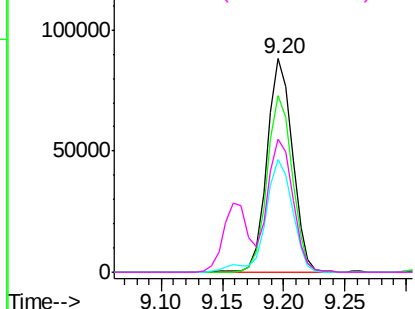
#55
 1,1,2-Trichloroethane
 Concen: 55.378 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	128120
Ion	Ratio	Lower	Upper
97	100		
83	82.7	70.9	106.3
85	53.0	43.4	65.2
99	62.2	51.0	76.6

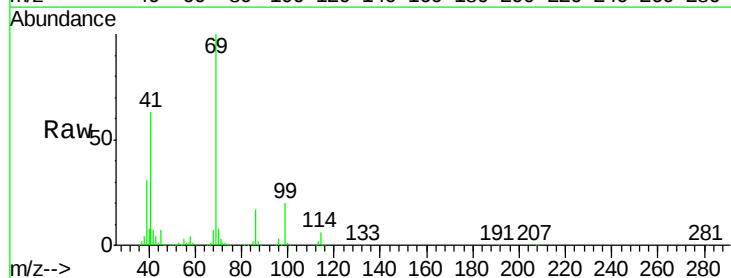


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

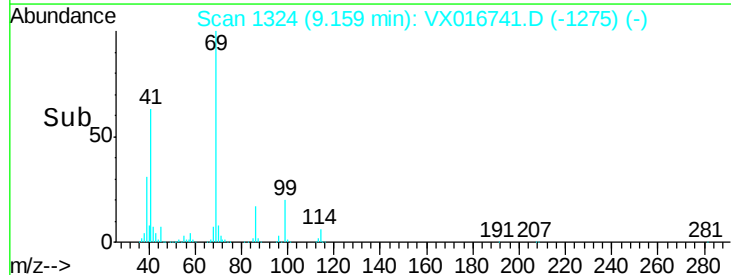
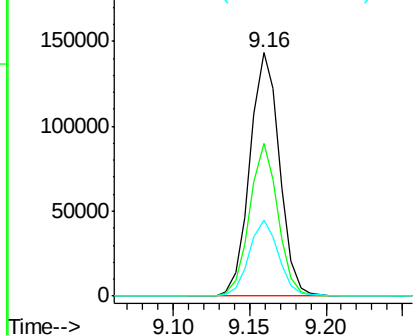


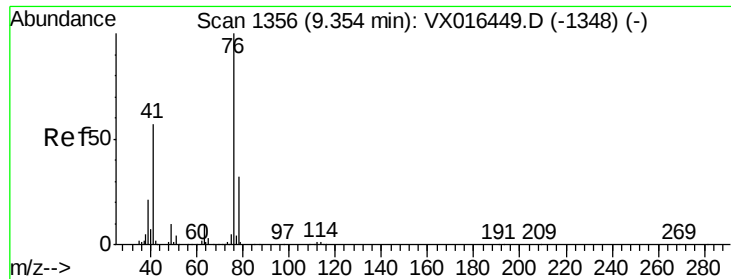
#56
 Ethyl methacrylate
 Concen: 51.217 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Tgt Ion:	69	Resp:	192983
Ion	Ratio	Lower	Upper
69	100		
41	60.2	50.7	76.1
39	31.4	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: 52.147 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

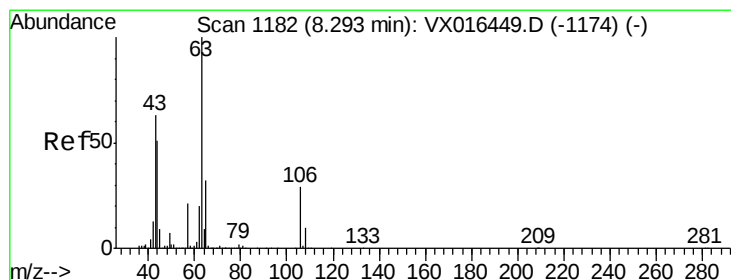
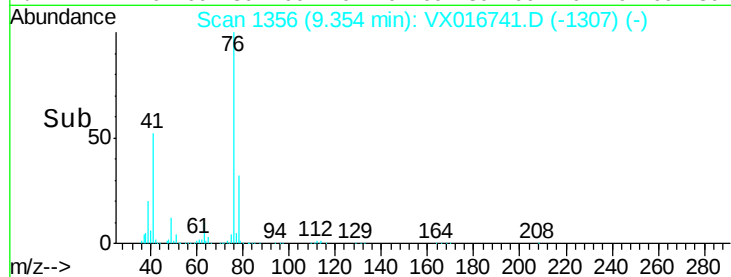
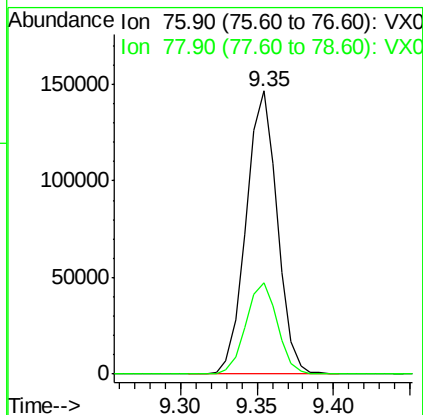
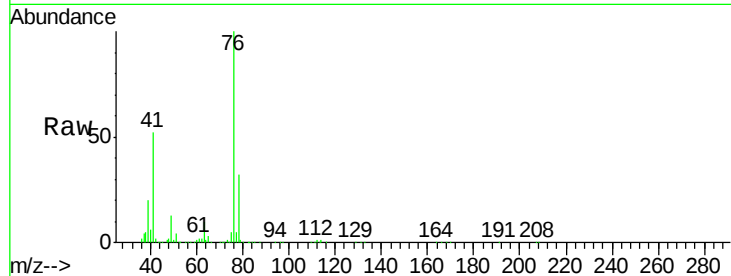
ClientSampleId :

Tot Ion: 76 Resp: 207083

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 0.522 ug/l

RT: 8.42 min Scan# 1203

Delta R.T. 0.13 min

Lab File: VX016741.D

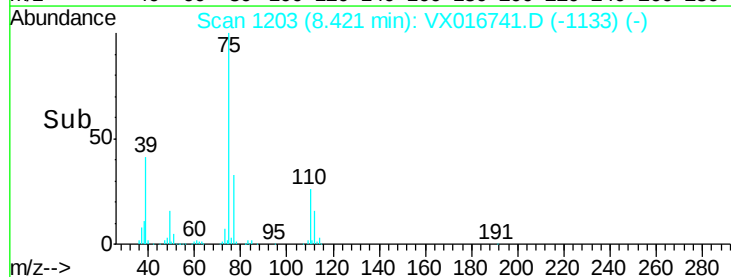
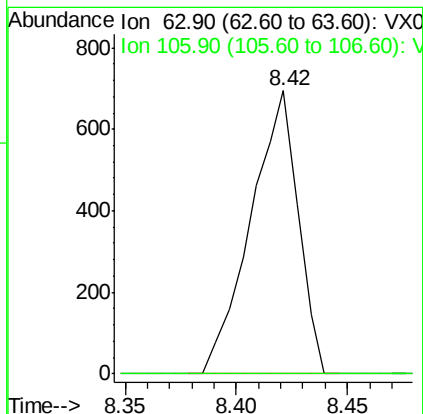
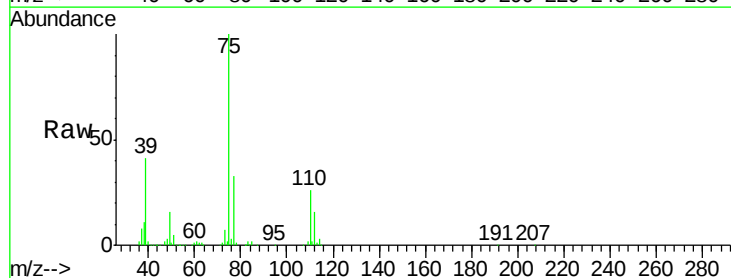
Acq: 12 Jun 2020 20:05

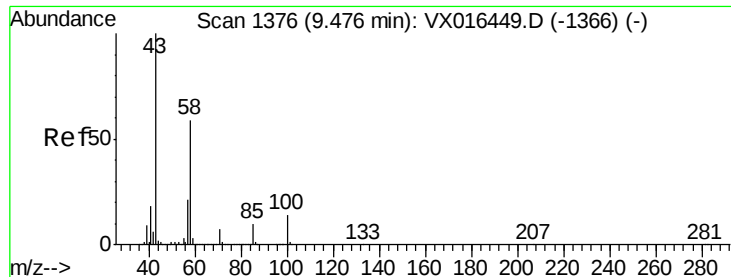
Tgt Ion: 63 Resp: 1027

Ion Ratio Lower Upper

63 100

106 0.0 23.2 34.8#

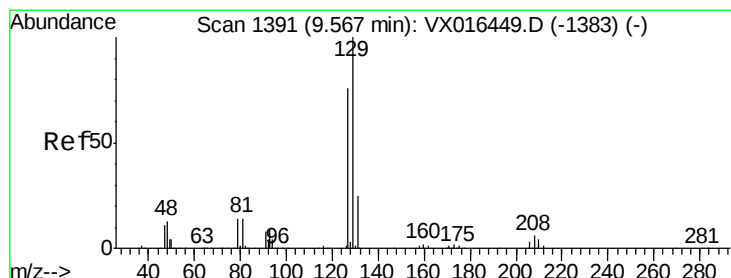
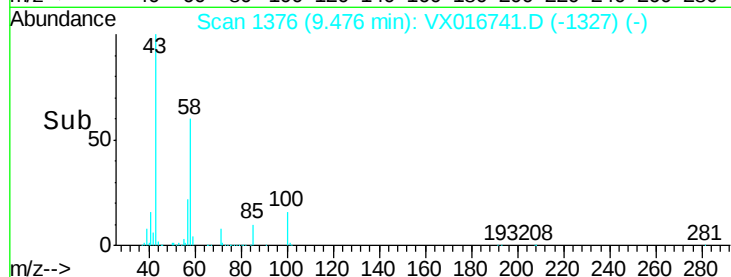
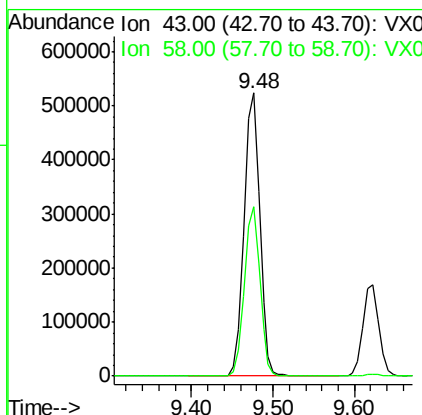
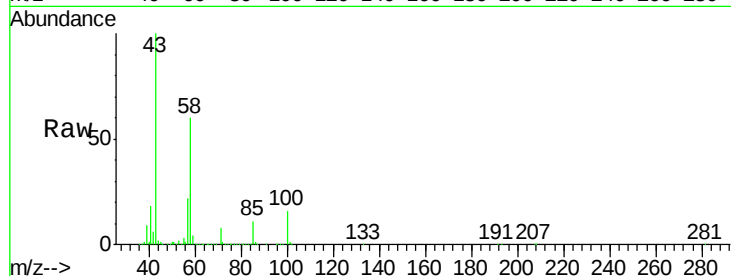




#59
2-Hexanone
Concen: 247.811 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

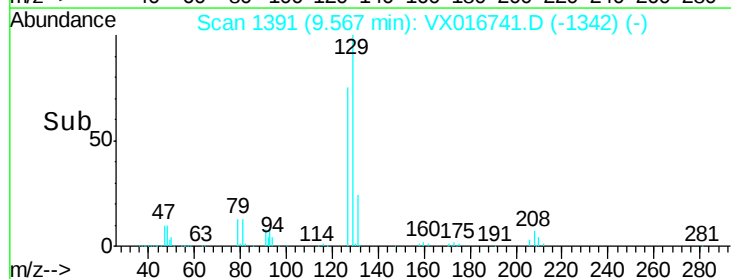
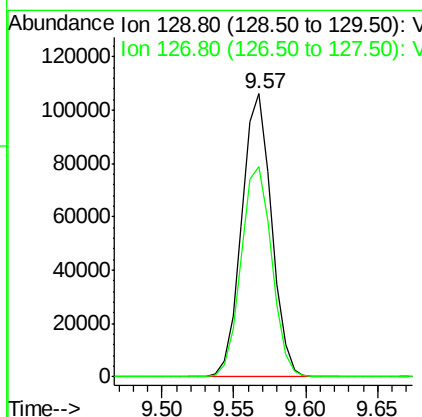
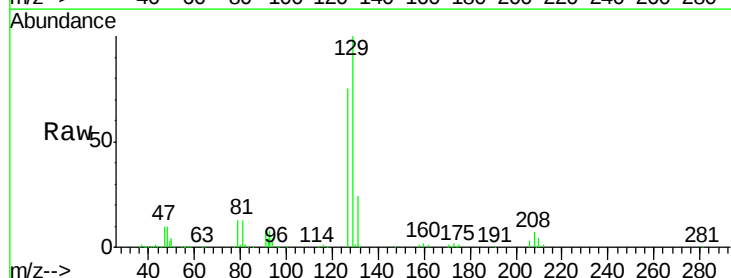
Instrument :
MSVOA_X
ClientSampleId :

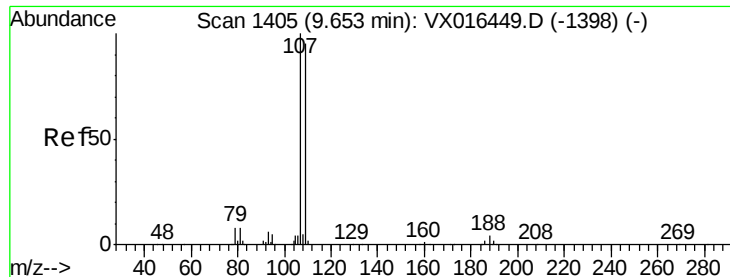
Tot Ion: 43 Resp: 696299
Ion Ratio Lower Upper
43 100
58 59.5 28.8 86.4



#60
Dibromochloromethane
Concen: 58.453 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion: 129 Resp: 152188
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 54.314 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

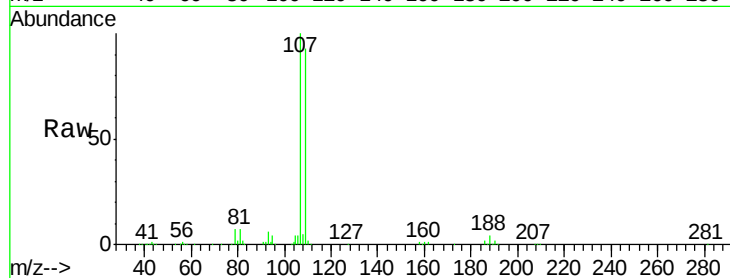
ClientSampled :

Tot Ion:107 Resp: 134563

Ion Ratio Lower Upper

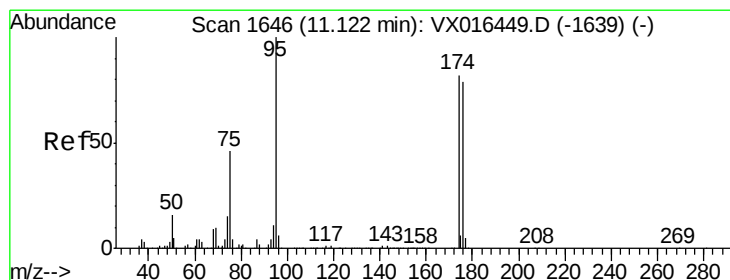
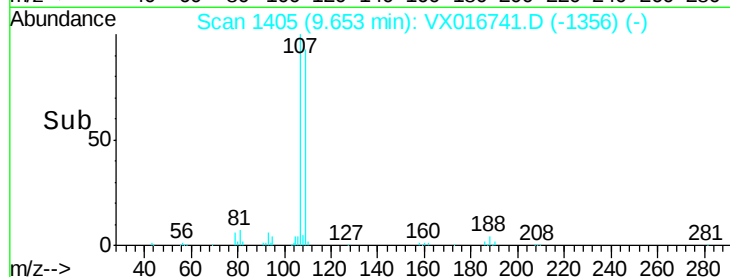
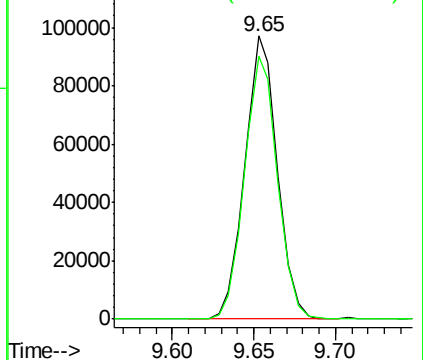
107 100

109 94.7 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: 52.184 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

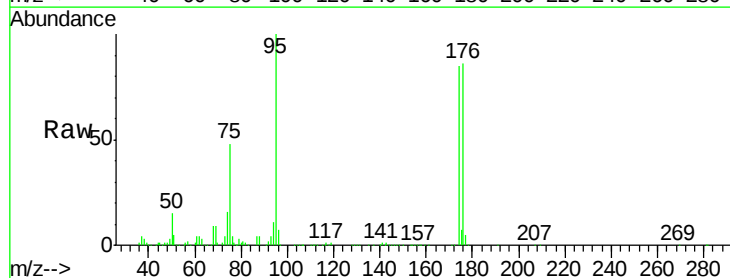
Tgt Ion: 95 Resp: 158152

Ion Ratio Lower Upper

95 100

174 86.1 0.0 163.0

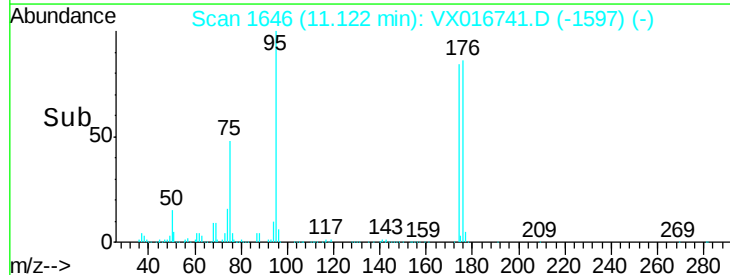
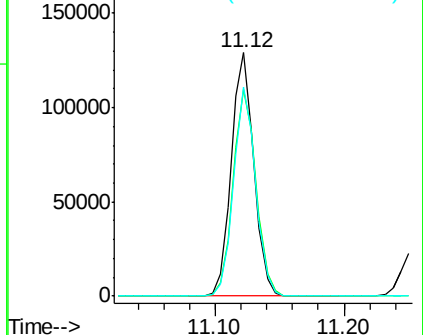
176 84.0 0.0 156.8

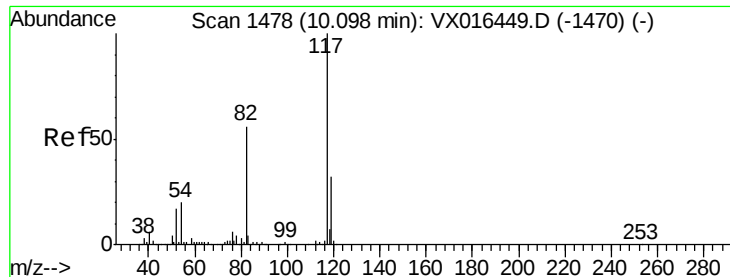


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

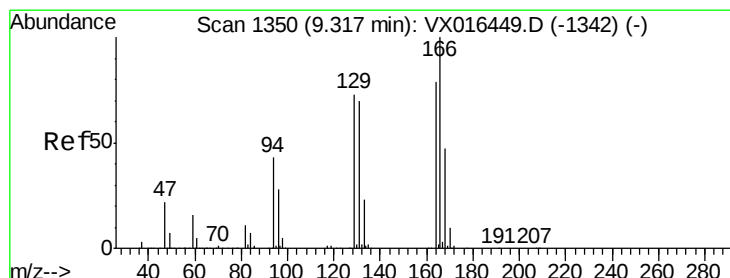
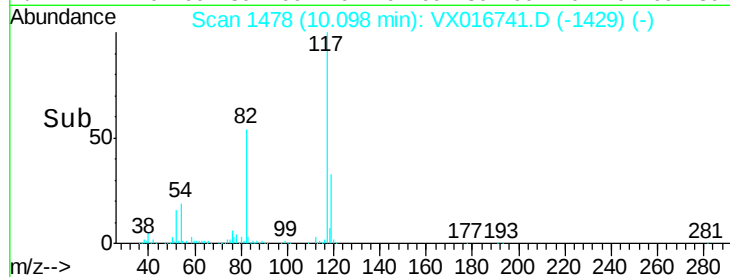
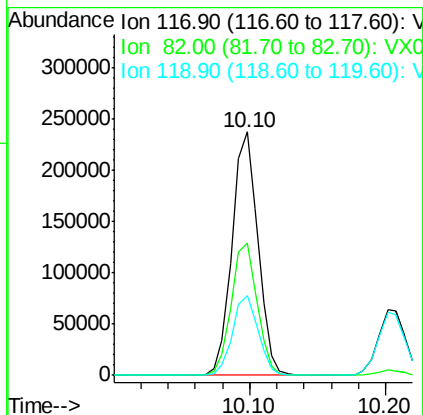
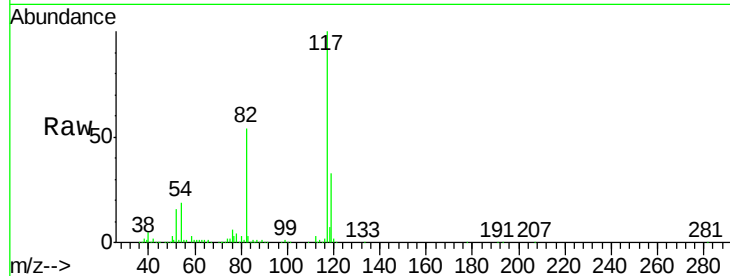




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

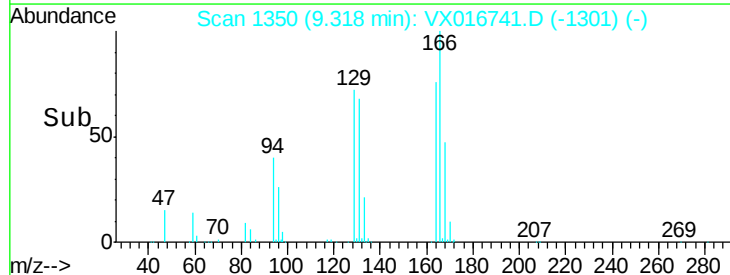
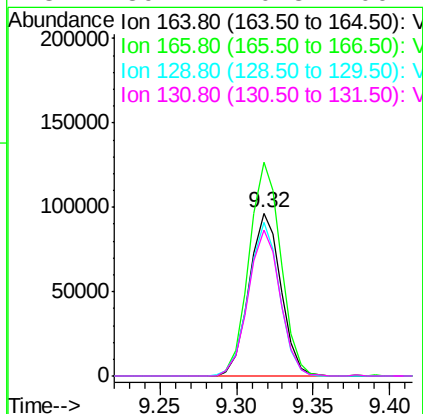
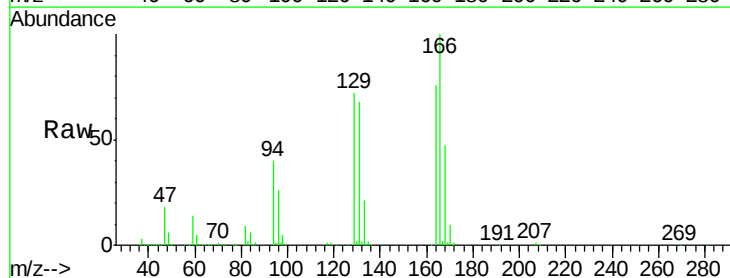
Instrument :
MSVOA_X
ClientSampleId :

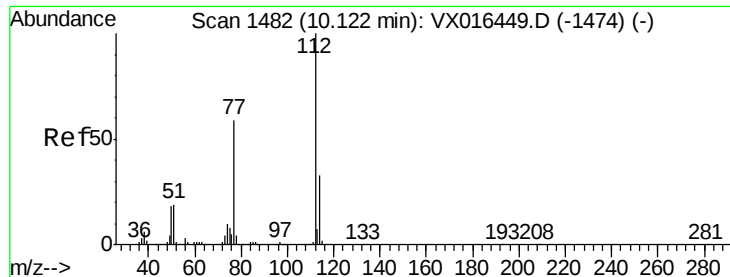
Tot Ion:117 Resp: 313830
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.6
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 39.811 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion:164 Resp: 139779
Ion Ratio Lower Upper
164 100
166 131.2 100.9 151.3
129 94.2 73.2 109.8
131 89.4 70.8 106.2

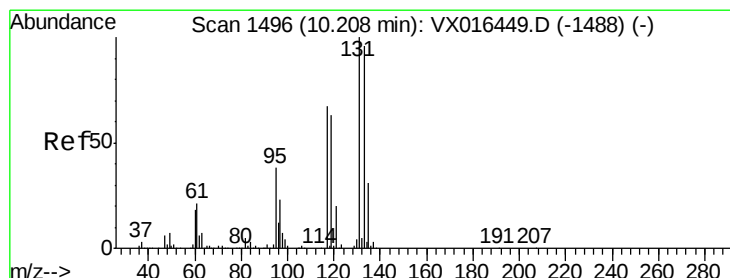
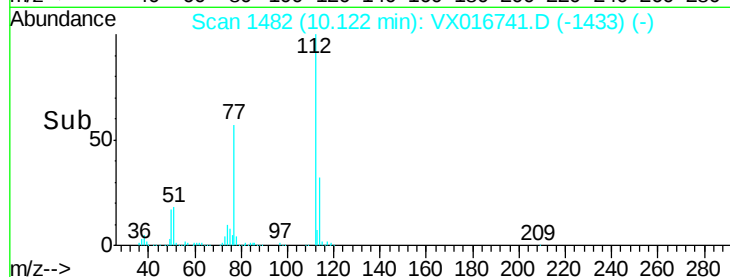
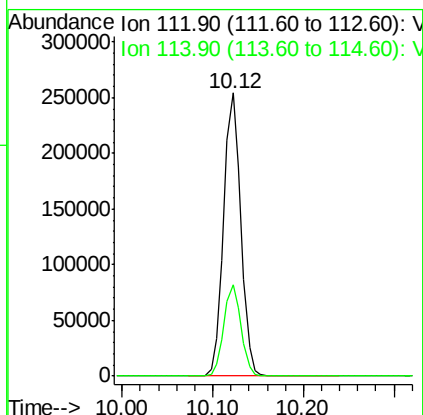
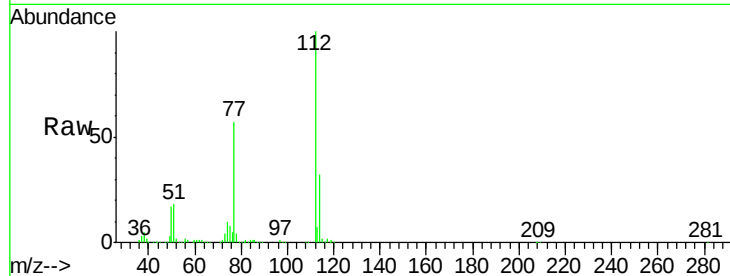




#65
Chlorobenzene
Concen: 52.681 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

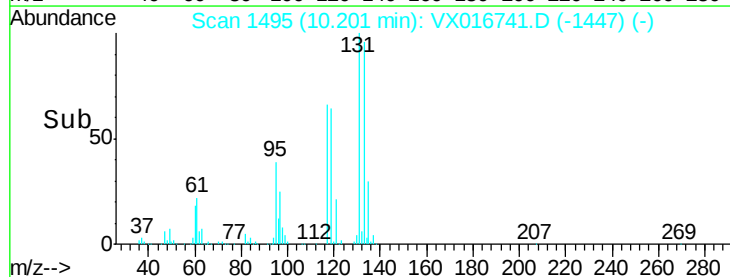
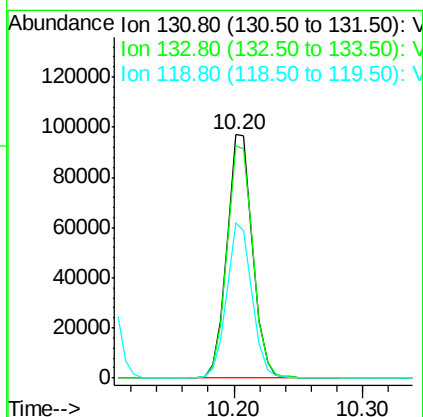
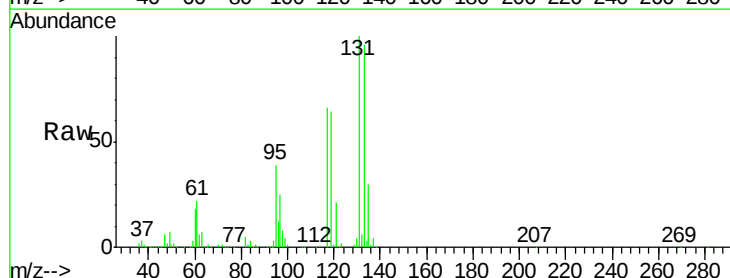
Instrument :
MSVOA_X
ClientSampled :

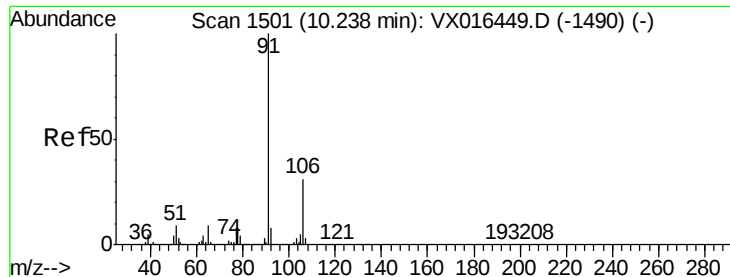
Tot Ion:112 Resp: 337062
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.628 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion:131 Resp: 135862
Ion Ratio Lower Upper
131 100
133 96.8 48.4 145.3
119 63.0 32.0 96.2

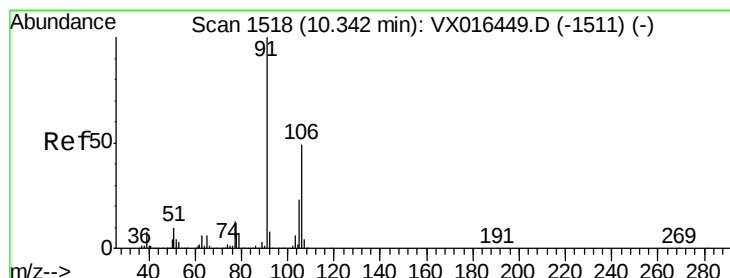
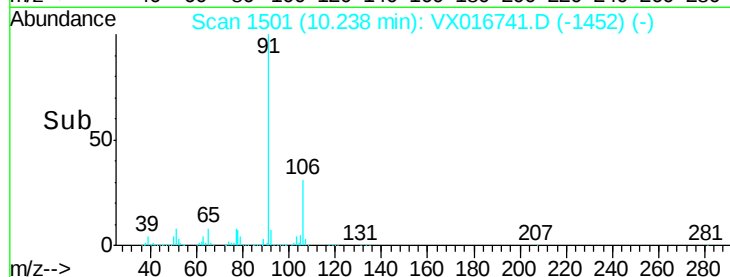
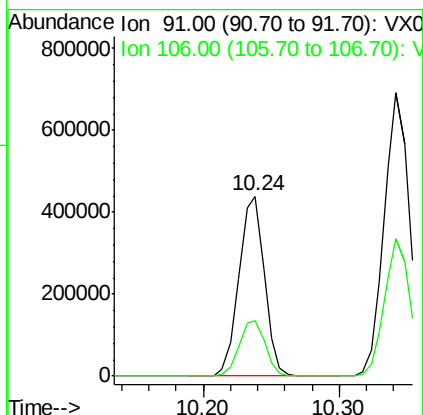
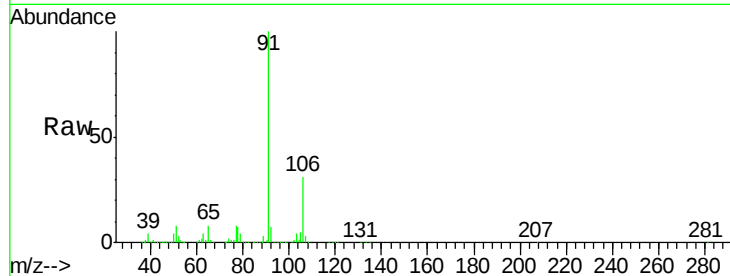




#67
Ethyl Benzene
Concen: 50.511 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

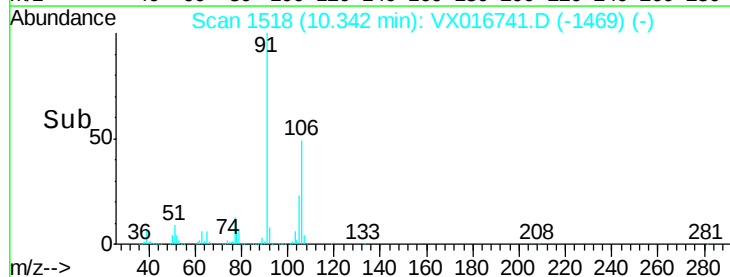
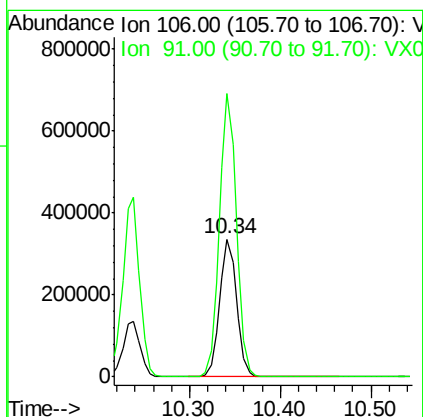
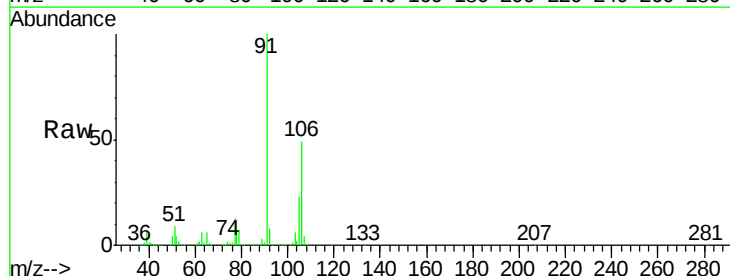
Instrument :
MSVOA_X
ClientSampled :

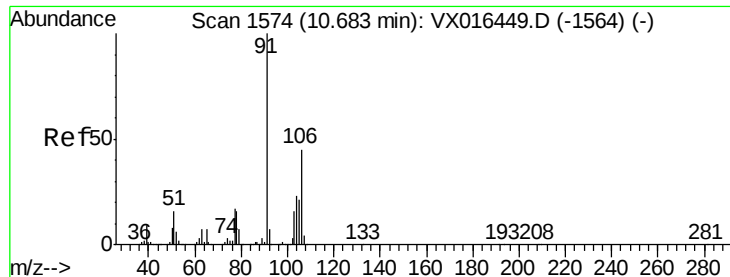
Tot Ion: 91 Resp: 575393
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4



#68
m/p-Xylenes
Concen: 104.312 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion: 106 Resp: 440574
Ion Ratio Lower Upper
106 100
91 205.3 163.8 245.8

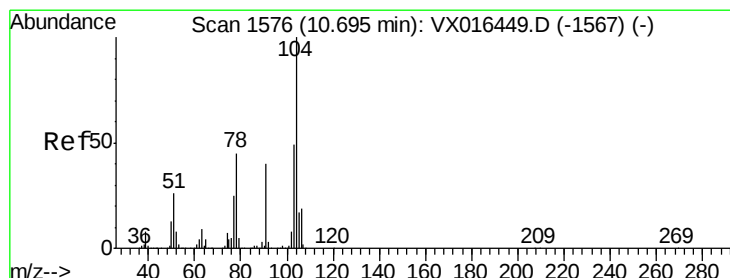
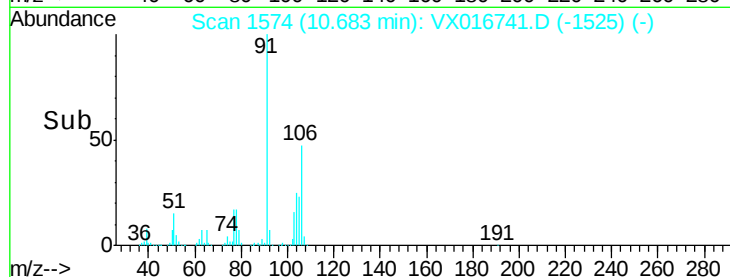
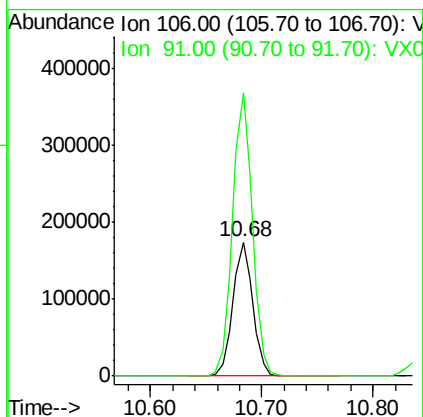
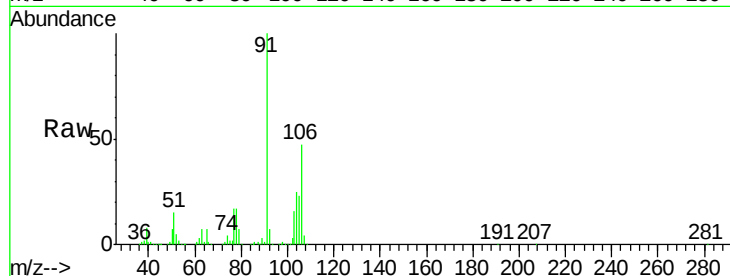




#69
o-Xylene
Concen: 52.091 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

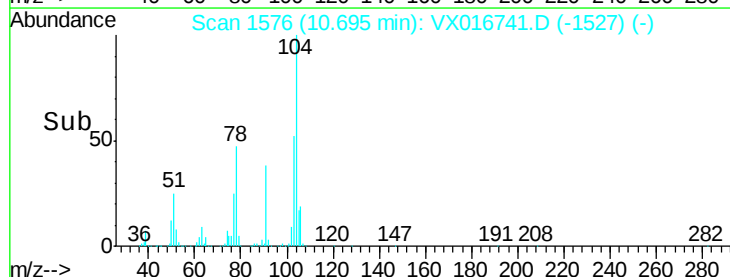
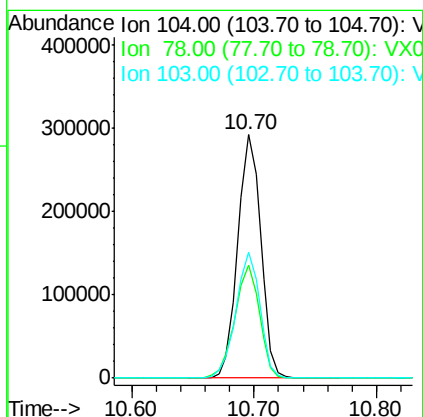
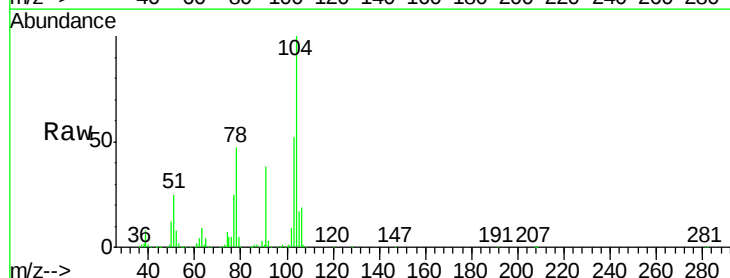
Instrument :
MSVOA_X
ClientSampleId :

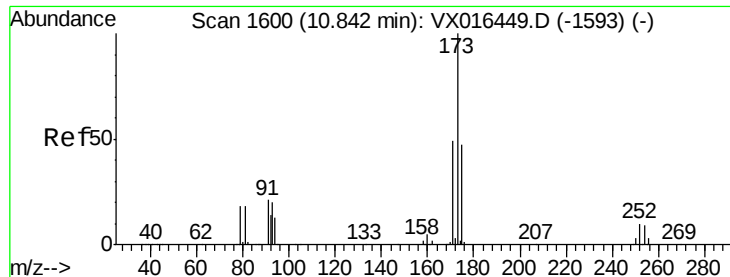
Tot Ion:106 Resp: 213073
Ion Ratio Lower Upper
106 100
91 213.2 109.6 328.8



#70
Styrene
Concen: 54.003 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion:104 Resp: 379684
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.2
103 54.2 43.1 64.7





#71

Bromoform

Concen: 59.640 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

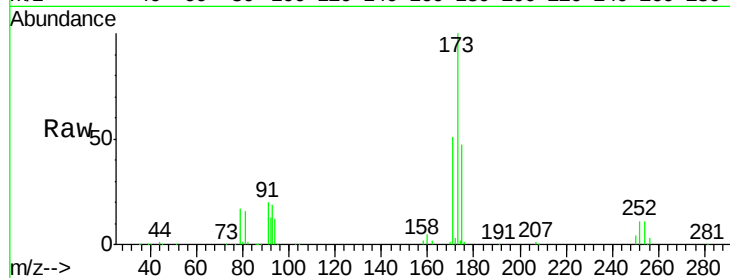
Tot Ion:173 Resp: 123104

Ion Ratio Lower Upper

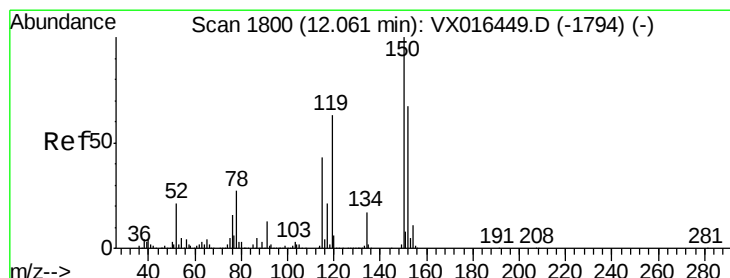
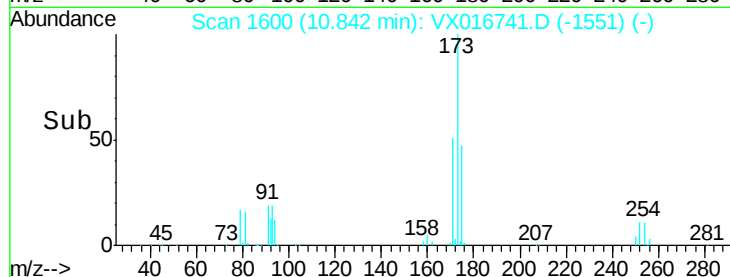
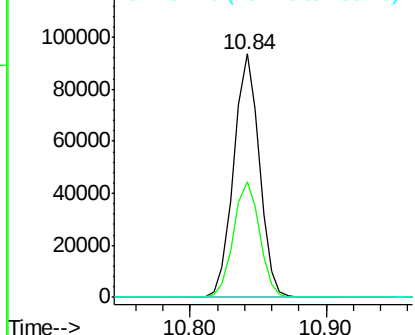
173 100

175 48.4 23.9 71.7

254 0.2 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: VX016741.D

Acq: 12 Jun 2020 20:05

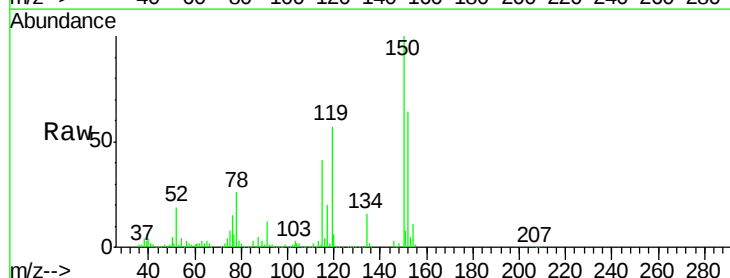
Tgt Ion:152 Resp: 171201

Ion Ratio Lower Upper

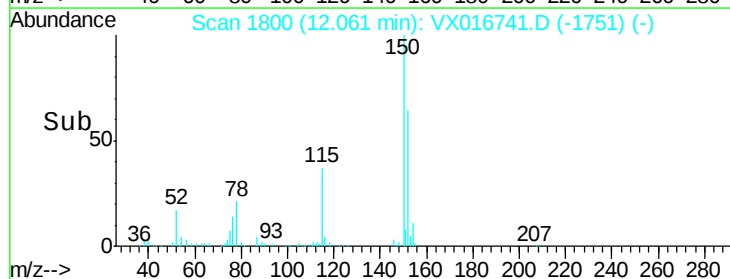
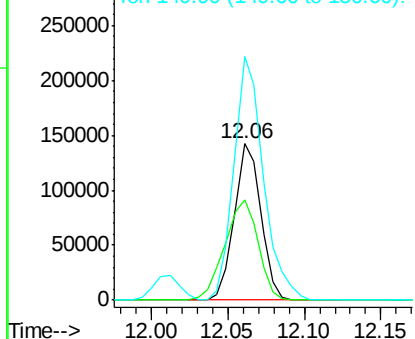
152 100

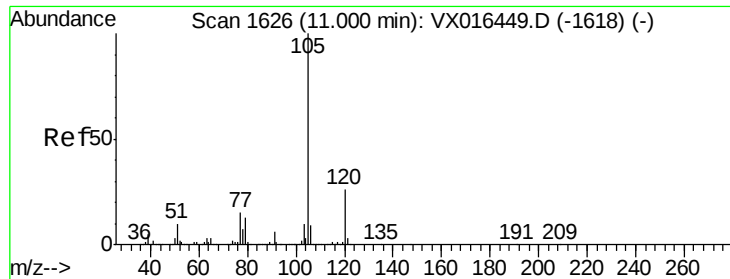
115 80.3 39.9 119.6

150 174.1 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: 48.392 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

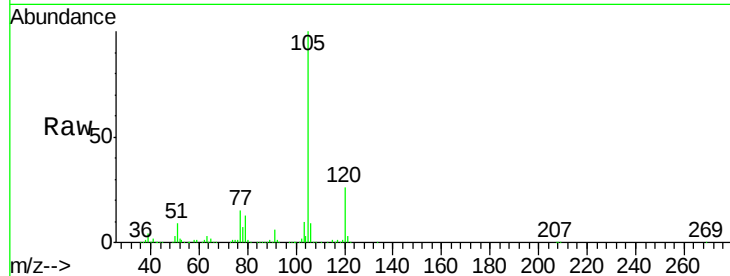
ClientSampleId :

Tot Ion: 105 Resp: 574037

Ion Ratio Lower Upper

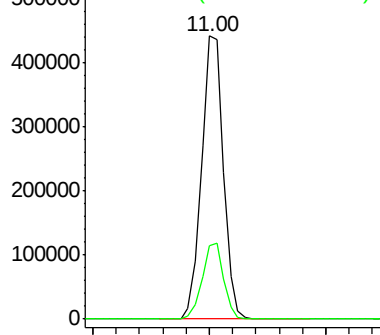
105 100

120 26.4 13.1 39.3

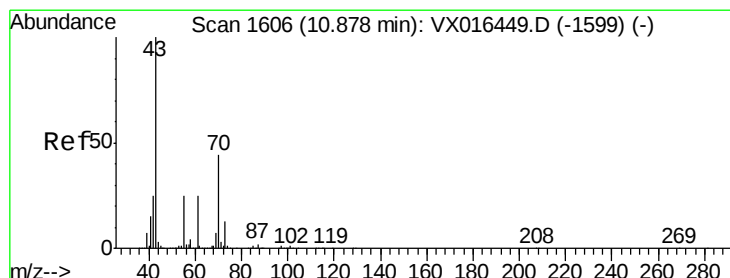
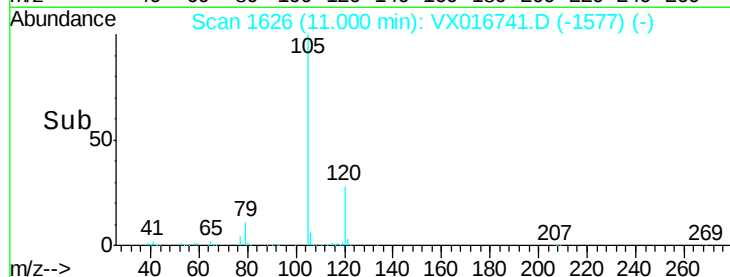


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 39.527 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Tgt Ion: 43 Resp: 215673

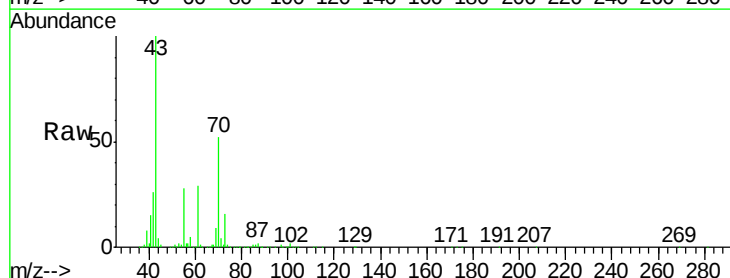
Ion Ratio Lower Upper

43 100

70 49.7 36.1 54.1

55 27.3 20.2 30.4

61 27.6 20.3 30.5

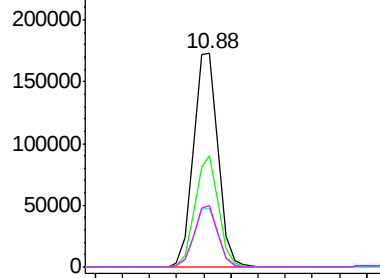


Abundance Ion 43.00 (42.70 to 43.70): VX0

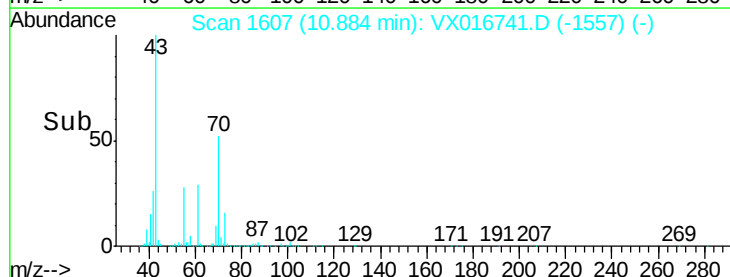
Ion 70.00 (69.70 to 70.70): VX0

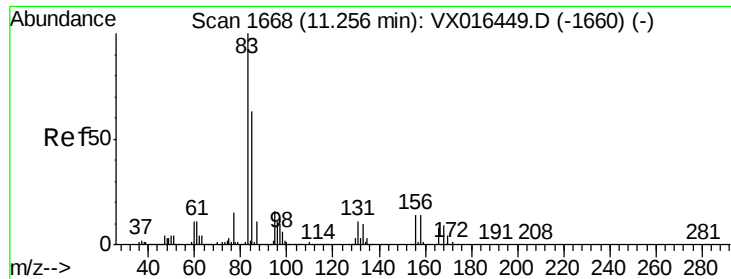
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 60.961 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

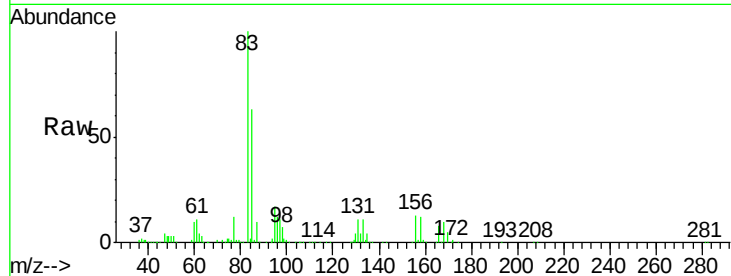
Tot Ion: 83 Resp: 181230

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.3

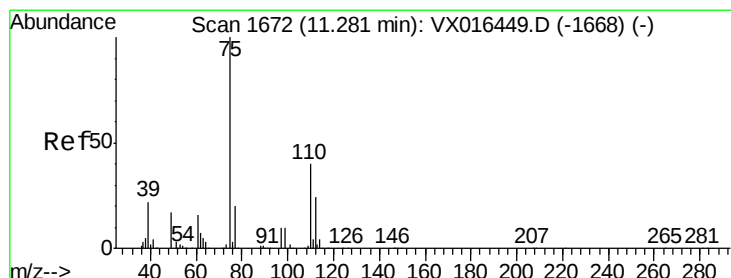
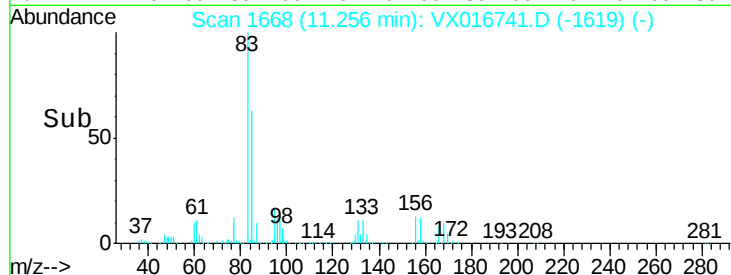
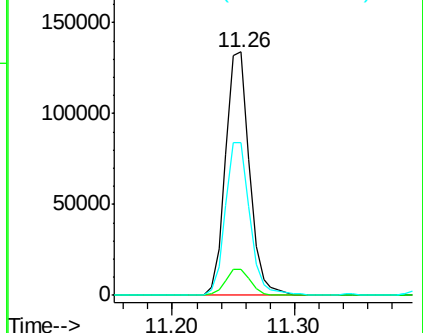
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.032 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016741.D

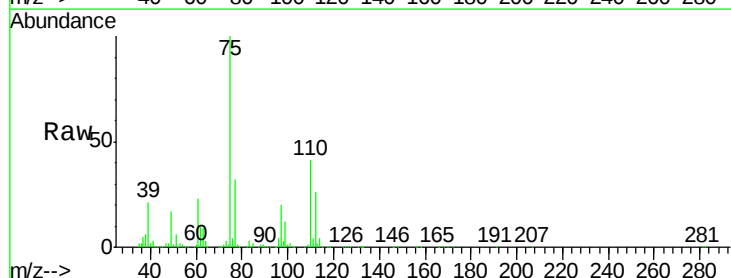
Acq: 12 Jun 2020 20:05

Tgt Ion: 75 Resp: 237195

Ion Ratio Lower Upper

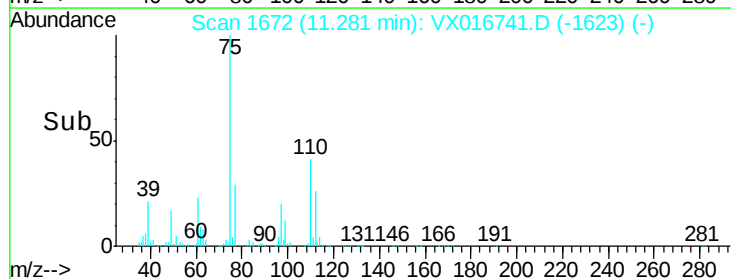
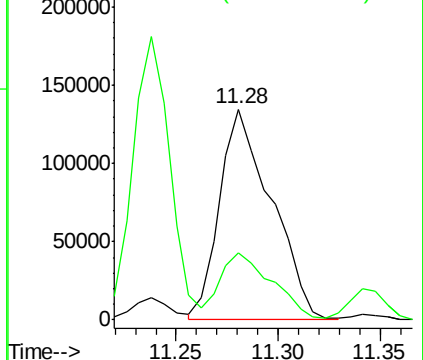
75 100

77 32.1 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.783 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

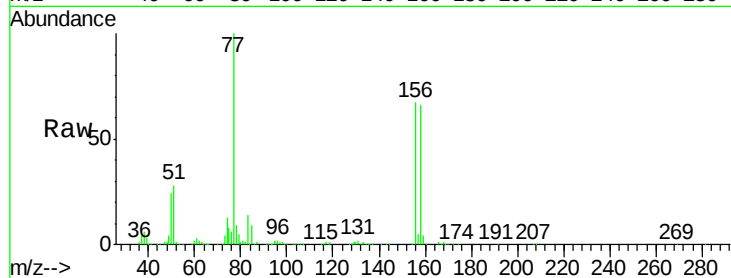
Tot Ion:156 Resp: 157996

Ion Ratio Lower Upper

156 100

77 145.1 79.6 238.8

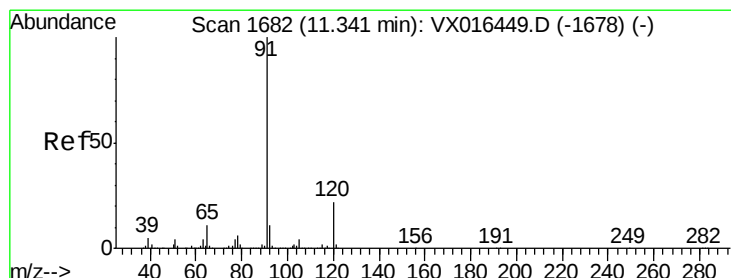
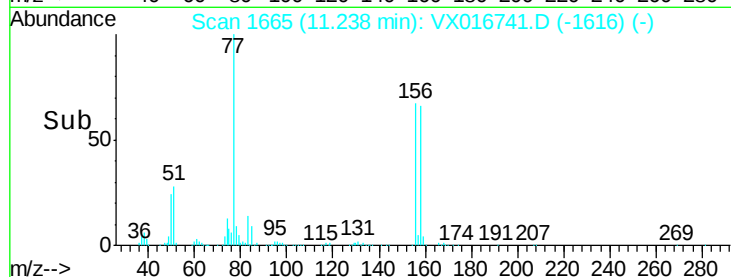
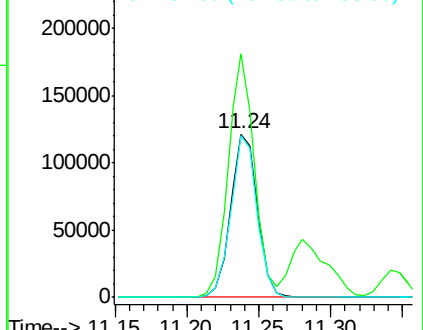
158 96.8 48.1 144.4



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: 48.074 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016741.D

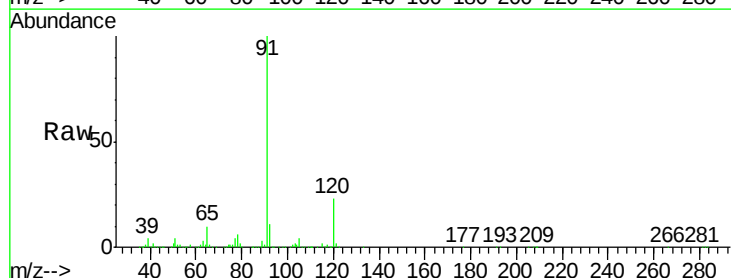
Acq: 12 Jun 2020 20:05

Tgt Ion: 91 Resp: 637110

Ion Ratio Lower Upper

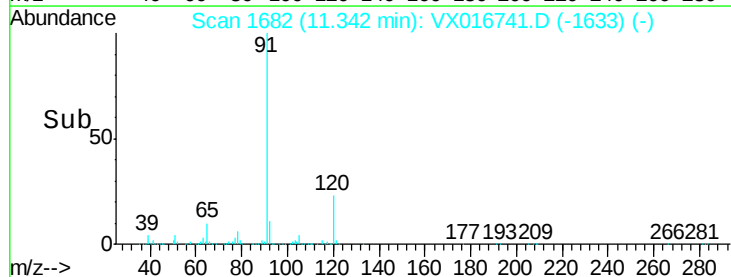
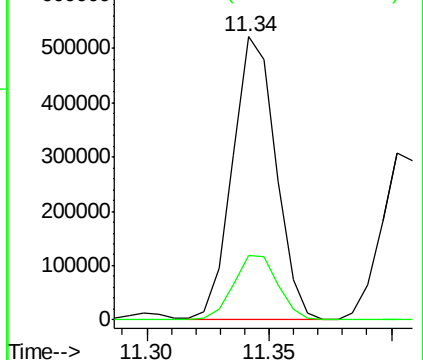
91 100

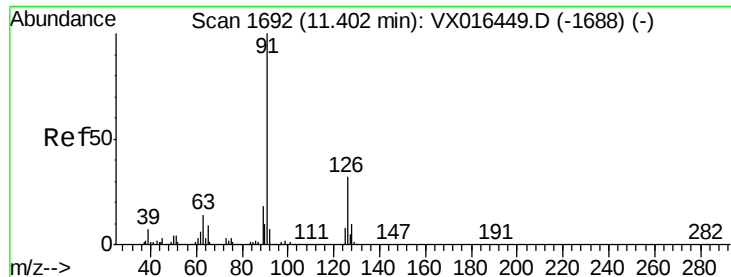
120 23.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.574 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

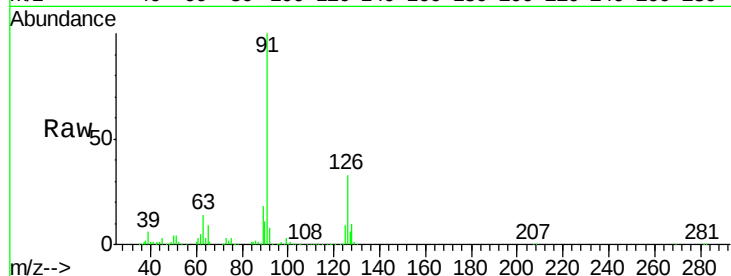
ClientSampleId :

Tot Ion: 91 Resp: 392930

Ion Ratio Lower Upper

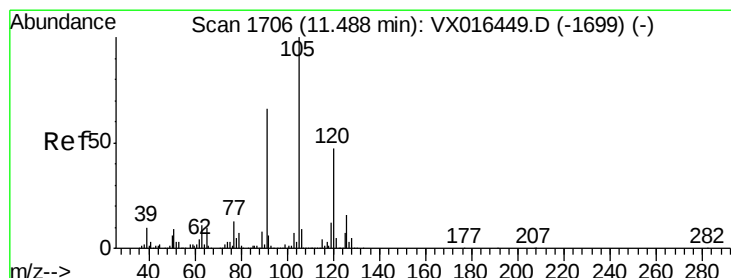
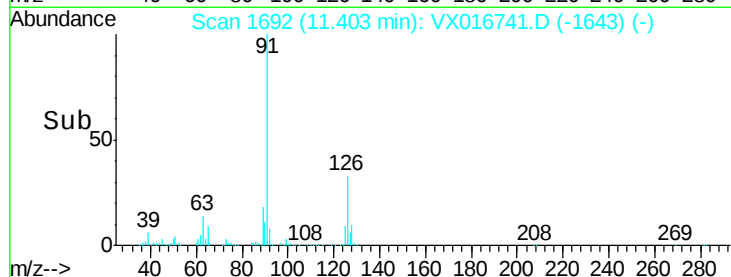
91 100

126 34.3 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX016741.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016741.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.101 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016741.D

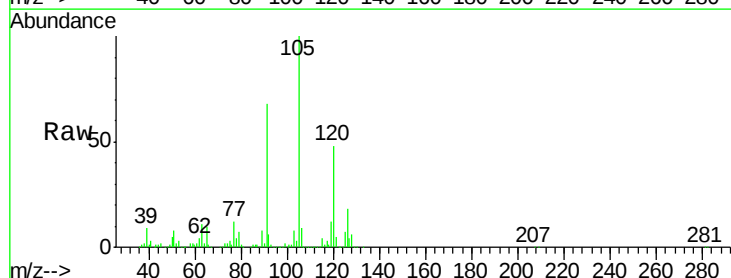
Acq: 12 Jun 2020 20:05

Tgt Ion: 105 Resp: 496237

Ion Ratio Lower Upper

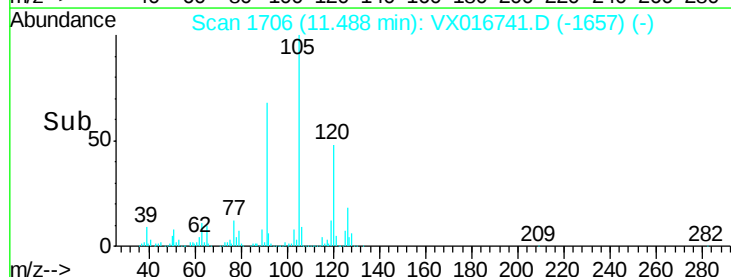
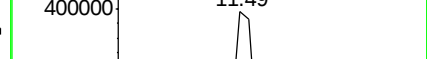
105 100

120 49.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016741.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016741.D (-1699) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.748 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

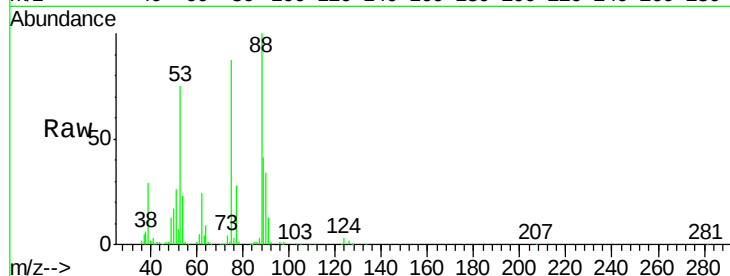
Tot Ion: 75 Resp: 68455

Ion Ratio Lower Upper

75 100

53 87.4 71.3 106.9

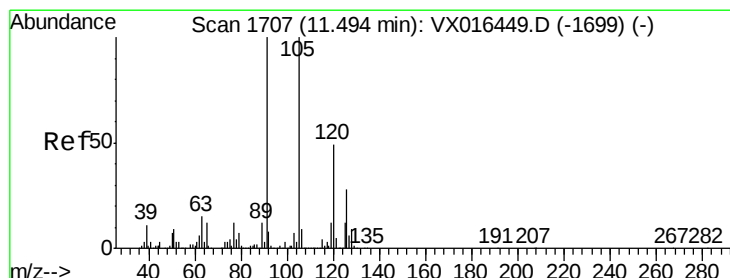
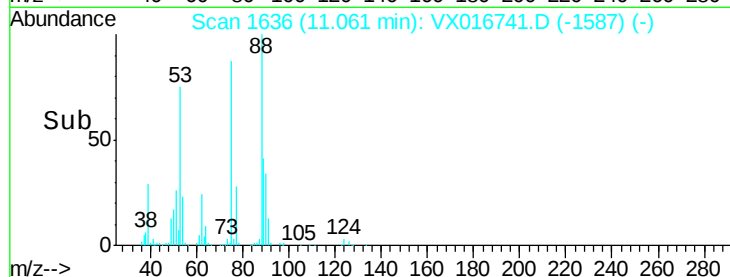
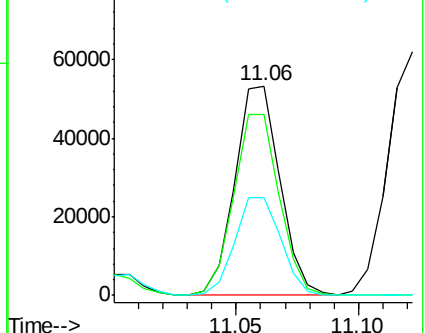
89 48.0 36.6 55.0



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: 48.553 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016741.D

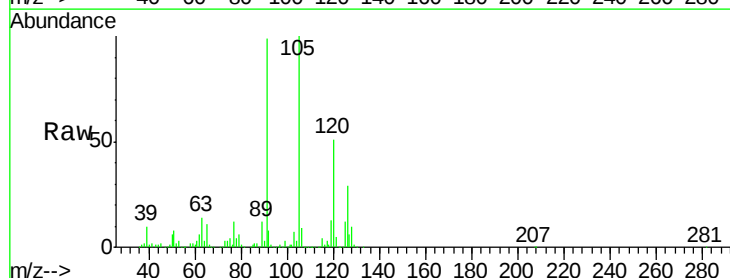
Acq: 12 Jun 2020 20:05

Tgt Ion: 91 Resp: 463810

Ion Ratio Lower Upper

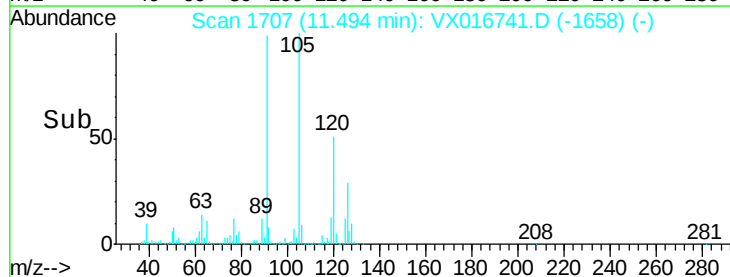
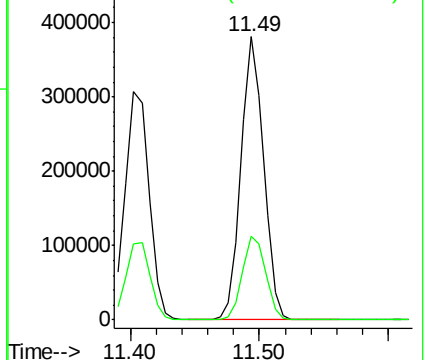
91 100

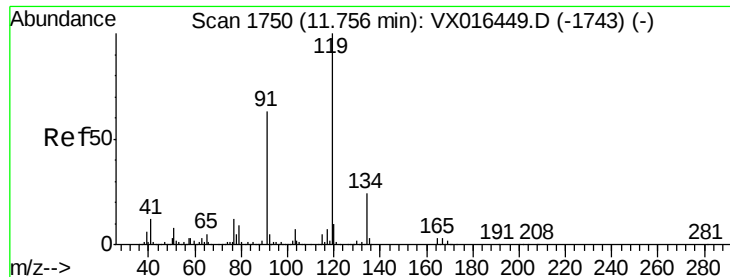
126 30.3 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

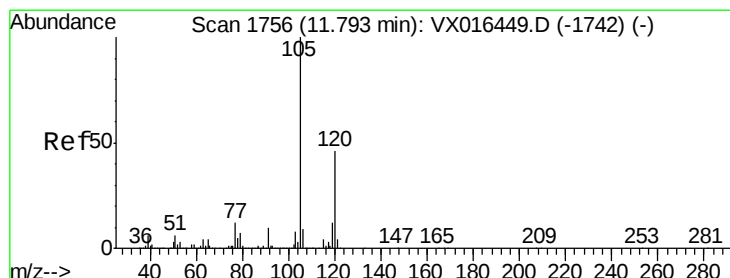
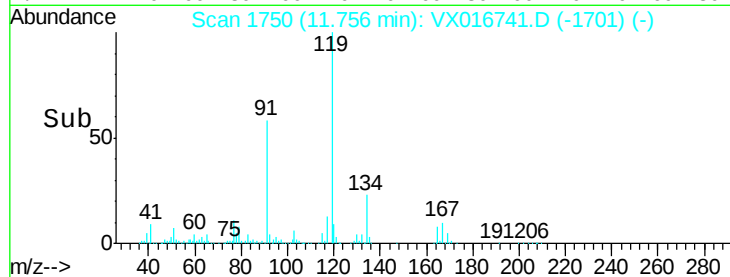
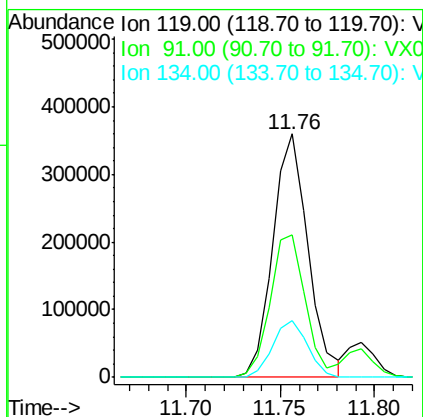
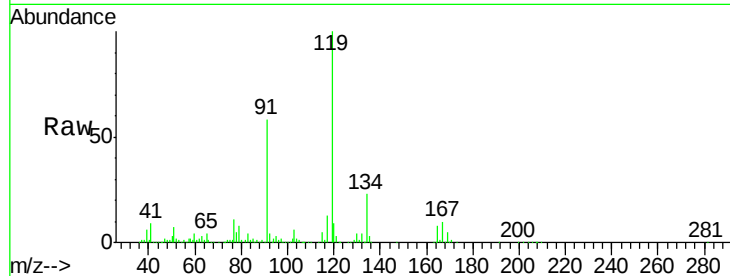




#83
tert-Butylbenzene
Concen: 55.108 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

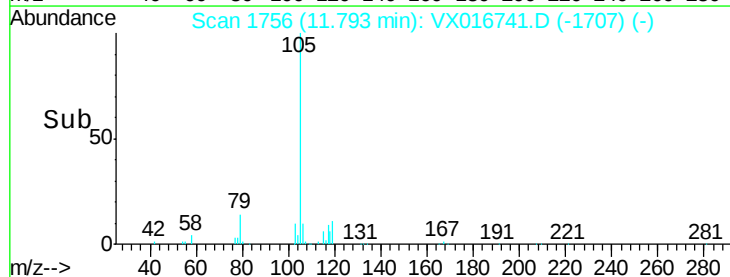
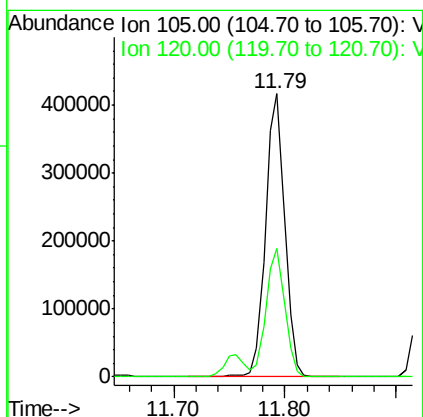
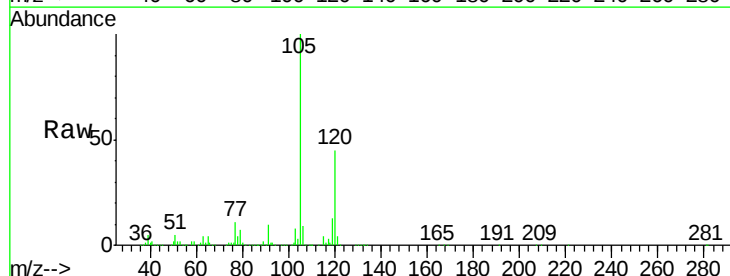
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	31.3	93.8
134	23.1	12.0	36.0



#84
1,2,4-Trimethylbenzene
Concen: 50.463 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.6	67.7

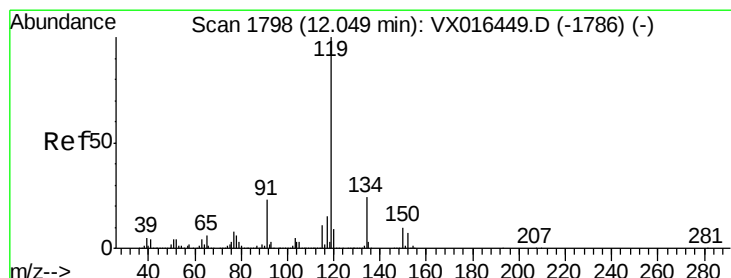
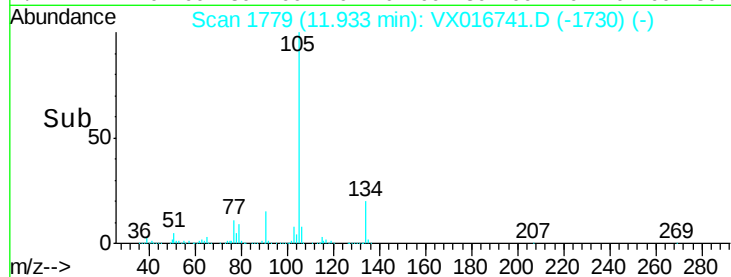
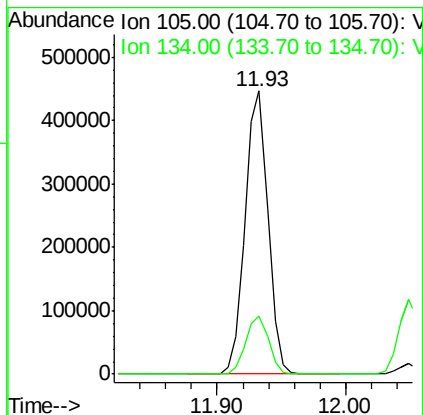
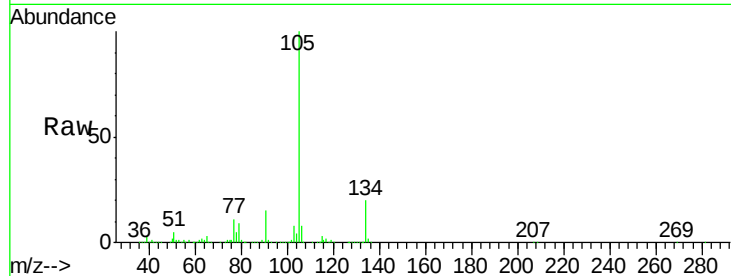




#85
 sec-Butylbenzene
 Concen: 51.017 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

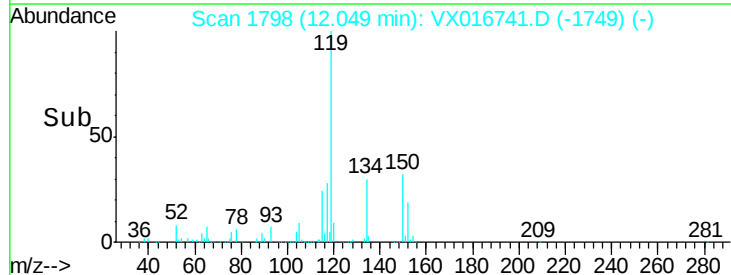
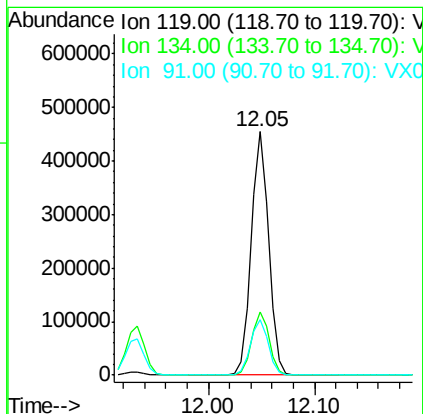
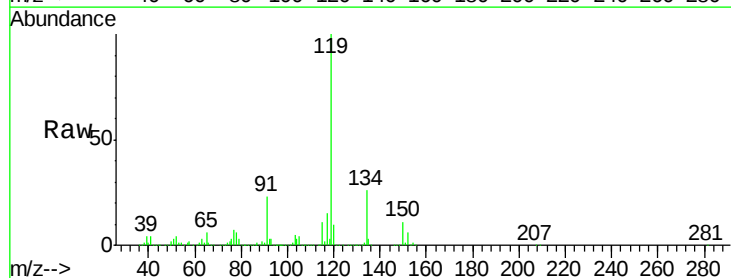
Instrument :
 MSVOA_X
 ClientSampleId :

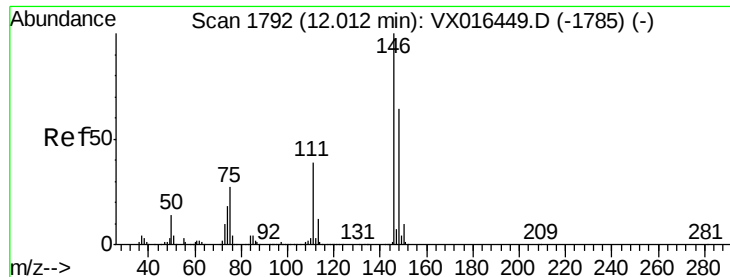
Tot Ion:105 Resp: 541637
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 52.748 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Tgt Ion:119 Resp: 524585
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.7 38.0
 91 23.2 11.7 35.0

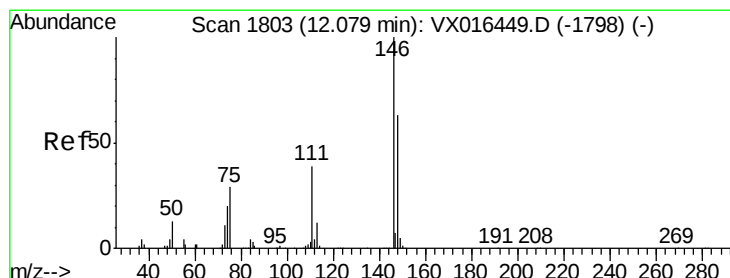
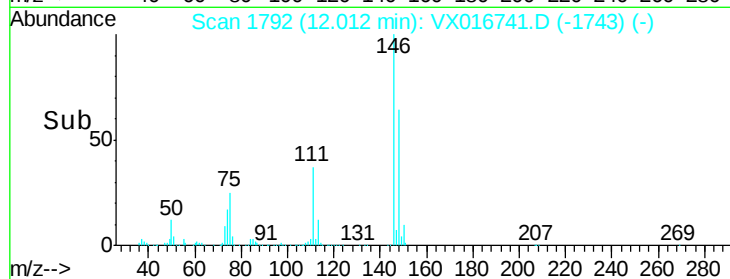
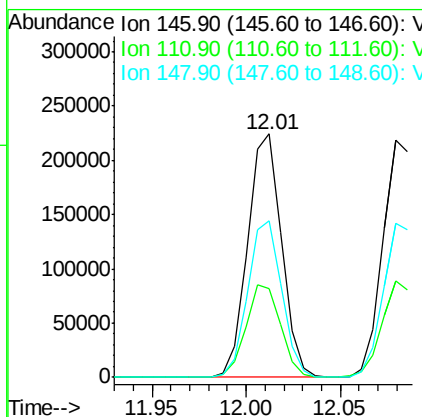
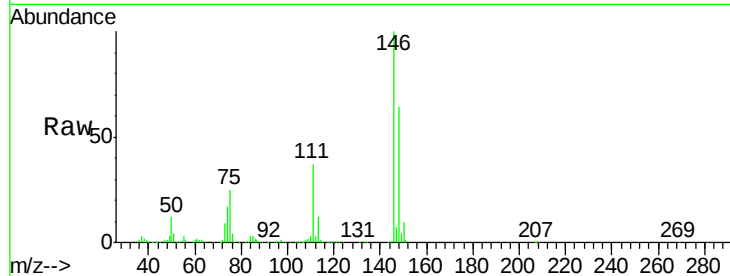




#87
 1,3-Dichlorobenzene
 Concen: 51.925 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

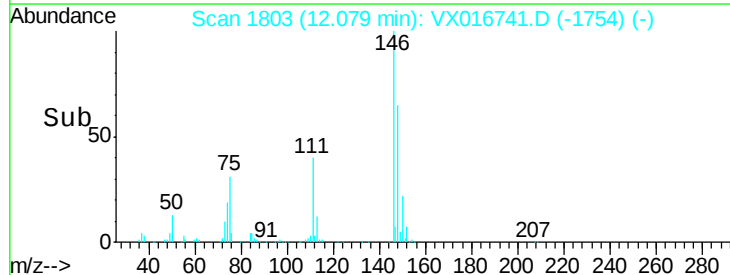
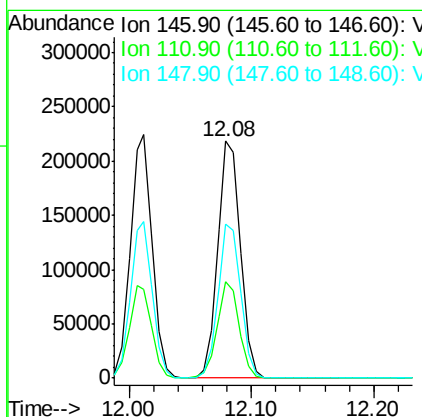
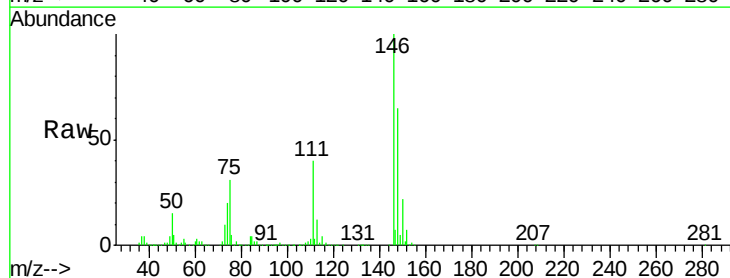
Instrument :
 MSVOA_X
 ClientSampled :

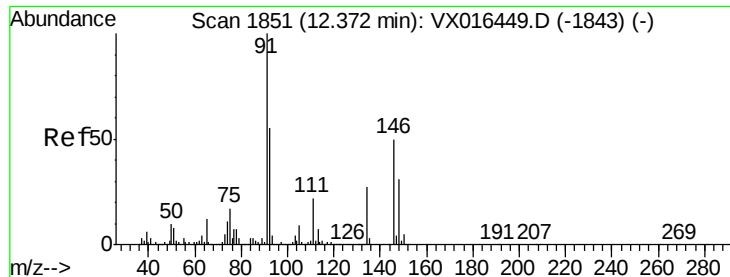
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.0	60.0
148	64.5	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.313 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.2
148	64.6	31.4	94.3





#89

n-Butylbenzene

Concen: 50.392 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

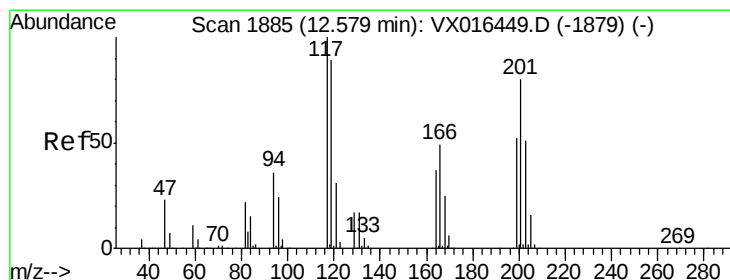
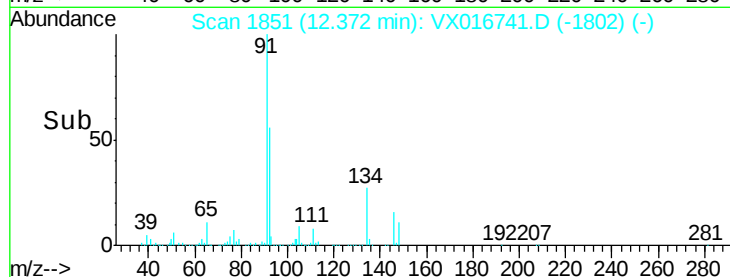
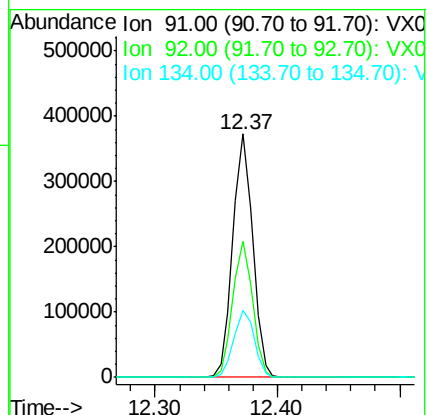
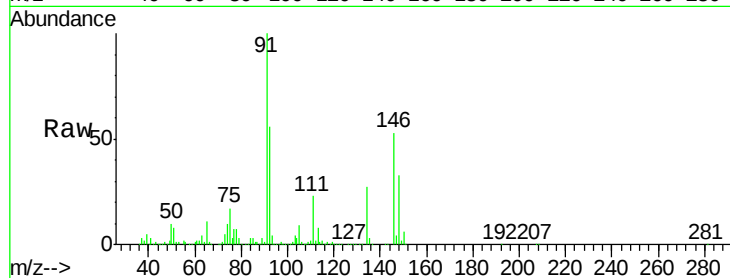
Tot Ion: 91 Resp: 417431

Ion Ratio Lower Upper

91 100

92 55.7 27.2 81.5

134 28.2 13.1 39.3



#90

Hexachloroethane

Concen: 54.623 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016741.D

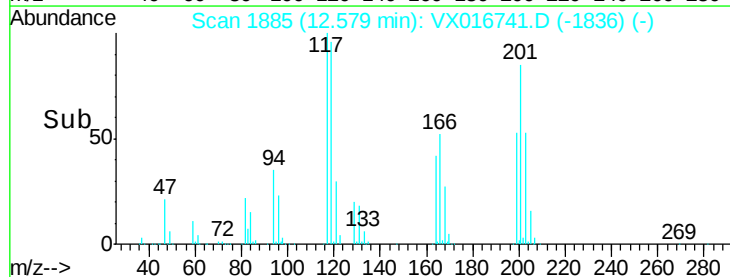
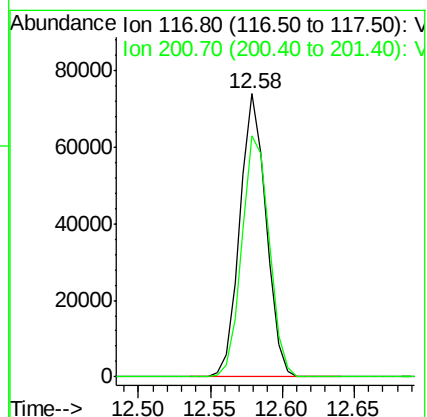
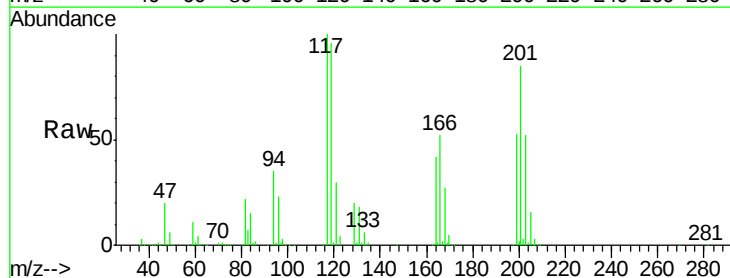
Acq: 12 Jun 2020 20:05

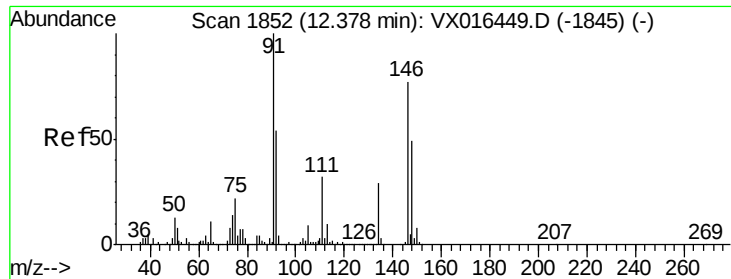
Tgt Ion: 117 Resp: 93831

Ion Ratio Lower Upper

117 100

201 88.4 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 52.332 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

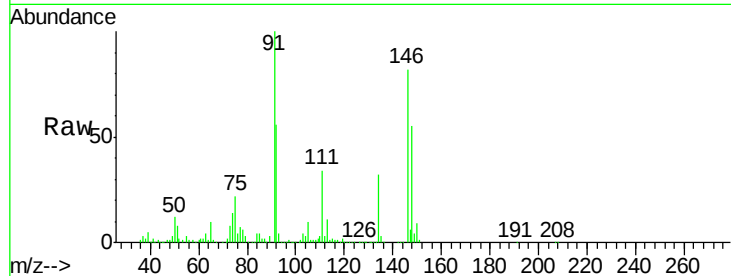
Tot Ion:146 Resp: 273289

Ion Ratio Lower Upper

146 100

111 41.7 21.4 64.3

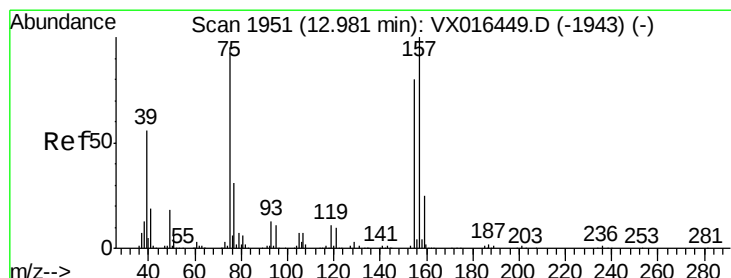
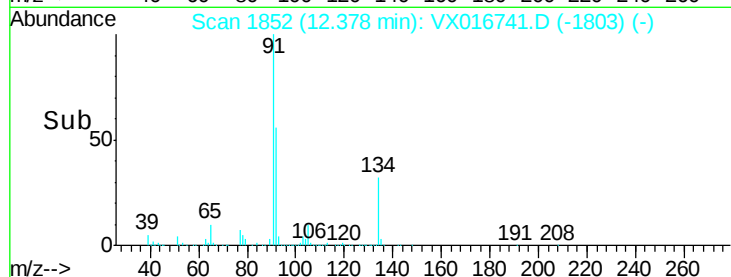
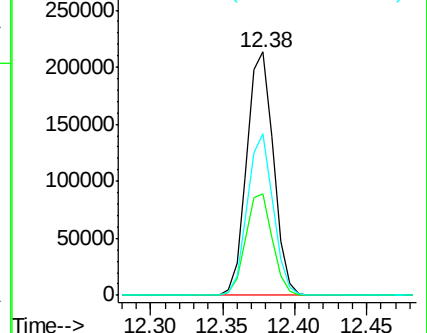
148 64.2 31.9 95.7



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: 51.036 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

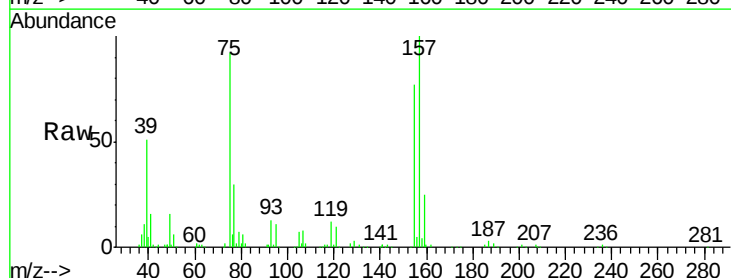
Tgt Ion: 75 Resp: 49145

Ion Ratio Lower Upper

75 100

155 91.4 44.1 132.4

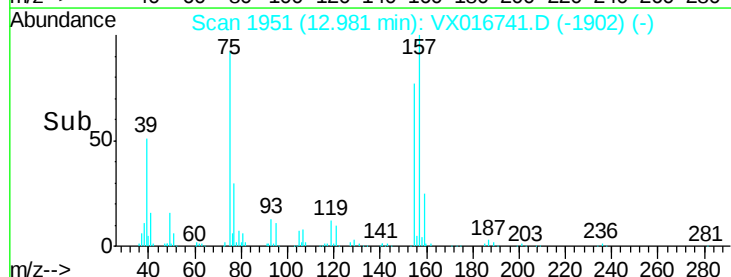
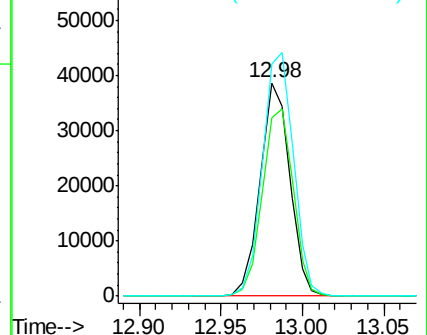
157 119.0 57.8 173.3

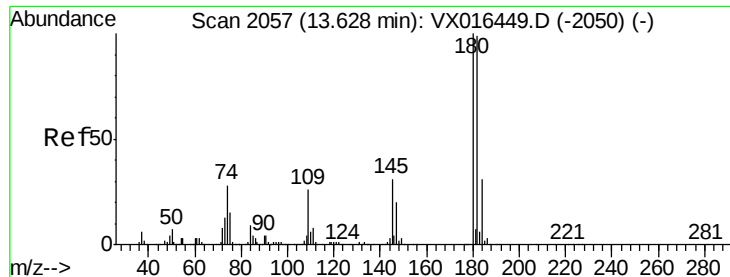


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

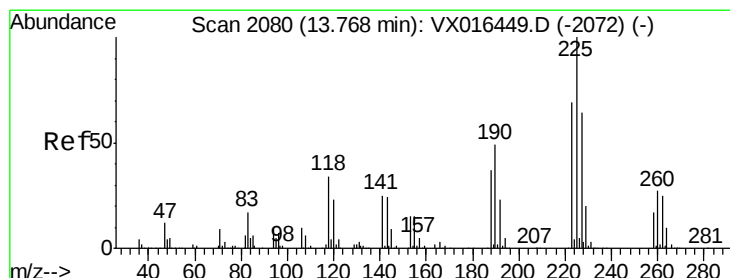
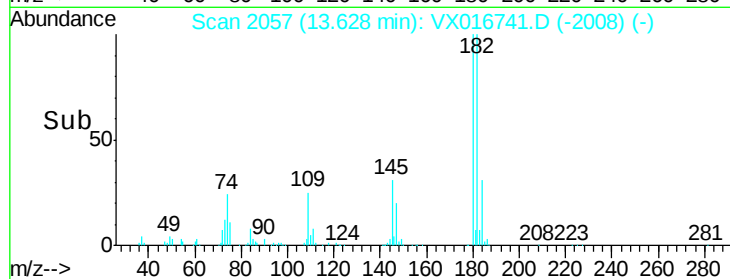
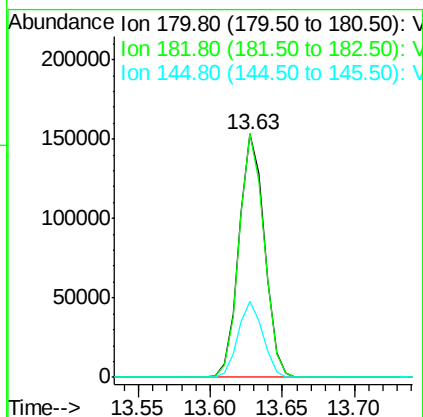
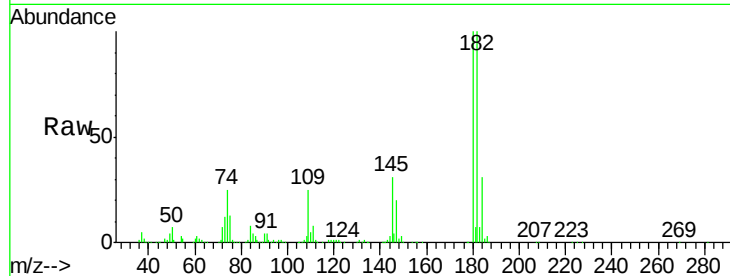




#93
 1,2,4-Trichlorobenzene
 Concen: 54.239 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

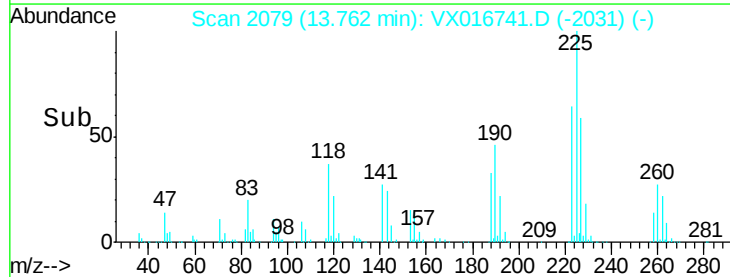
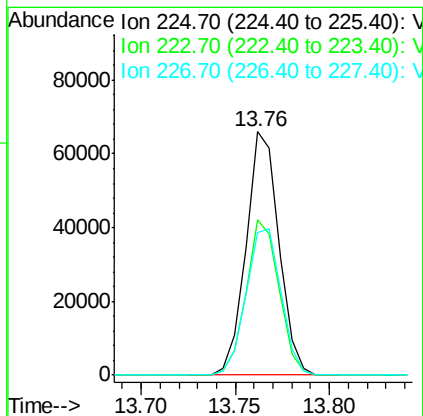
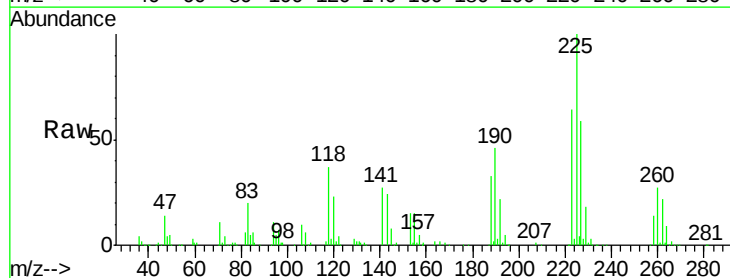
Instrument :
 MSVOA_X
 ClientSampleId :

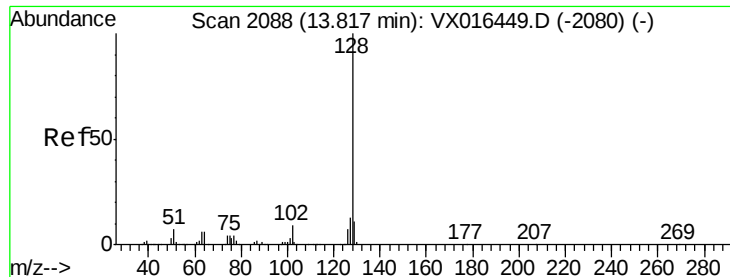
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	48.3	144.8
145	30.6	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 58.603 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.3	96.8
227	63.7	31.6	94.7





#95

Naphthalene

Concen: 52.507 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

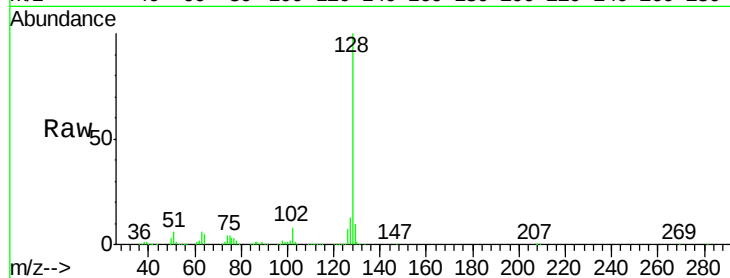
Tot Ion:128 Resp: 624286

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

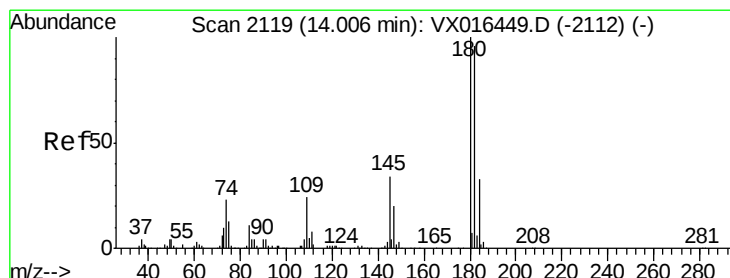
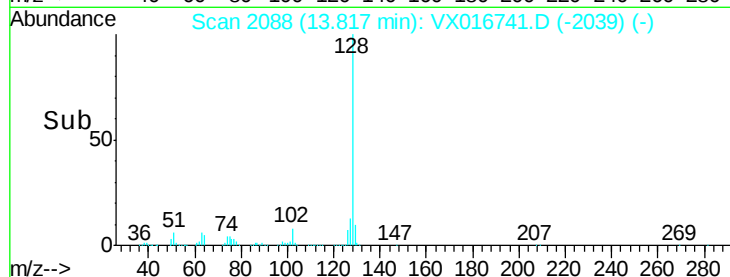
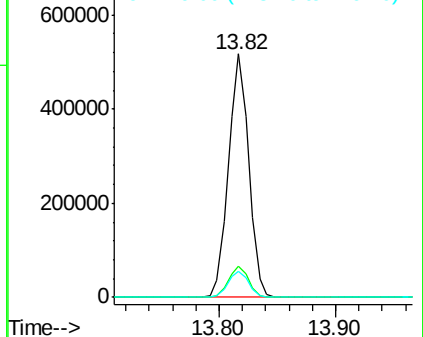
129 10.7 8.6 13.0



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: 55.559 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

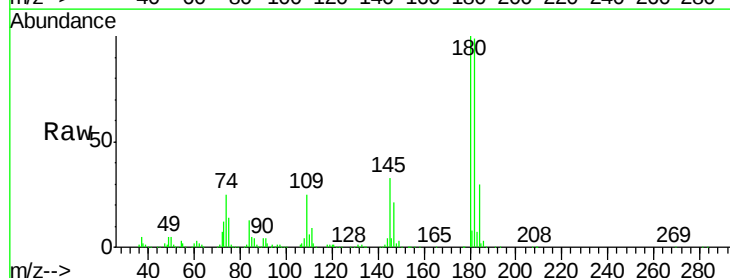
Tgt Ion:180 Resp: 188782

Ion Ratio Lower Upper

180 100

182 97.4 48.6 145.8

145 32.5 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

