

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016655.D
 Acq On : 09 Jun 2020 11:34
 Operator : JC/SP
 Sample : VX0609WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBSD01

Quant Time: Jun 10 04:10:21 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	226859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	335127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	313560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160236	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	140769	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	5.46	113	112515	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
50) Toluene-d8	8.70	98	425675	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
62) 4-Bromofluorobenzene	11.12	95	162549	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	37571	16.829	ug/l	92
3) Chloromethane	1.31	50	42140	15.619	ug/l	97
4) Vinyl Chloride	1.39	62	47106	16.510	ug/l	97
5) Bromomethane	1.62	94	32368	23.332	ug/l	100
6) Chloroethane	1.71	64	29976	18.011	ug/l	99
7) Trichlorofluoromethane	1.92	101	74041	19.760	ug/l	98
8) Diethyl Ether	2.17	74	28468	18.220	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	41279	20.017	ug/l	97
10) Methyl Iodide	2.49	142	42477	19.242	ug/l	98
11) Tert butyl alcohol	3.01	59	63476	87.863	ug/l	100
12) 1,1-Dichloroethene	2.36	96	40610	18.604	ug/l	96
13) Acrolein	2.27	56	25059	81.541	ug/l	100
14) Allyl chloride	2.70	41	66324	16.521	ug/l	97
15) Acrylonitrile	3.11	53	127680	86.277	ug/l	100
16) Acetone	2.42	43	107192	86.843	ug/l	100
17) Carbon Disulfide	2.55	76	105563	16.285	ug/l	99
18) Methyl Acetate	2.75	43	58054	18.338	ug/l	95
19) Methyl tert-butyl Ether	3.16	73	148728	18.974	ug/l	98
20) Methylene Chloride	2.83	84	47109	18.447	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	43287	17.928	ug/l	91
22) Diisopropyl ether	3.82	45	132958	17.241	ug/l	93
23) Vinyl Acetate	3.78	43	577976	85.623	ug/l	96
24) 1,1-Dichloroethane	3.67	63	79765	18.325	ug/l	99
25) 2-Butanone	4.63	43	174924	83.635	ug/l	94
26) 2,2-Dichloropropane	4.54	77	72588	20.380	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	50991	18.255	ug/l	98
28) Bromochloromethane	4.97	49	34252	16.934	ug/l #	12
29) Tetrahydrofuran	5.08	42	112790	83.473	ug/l	94
30) Chloroform	5.17	83	83569	19.055	ug/l	99
31) Cyclohexane	5.54	56	62765	16.028	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	77041	19.403	ug/l	98
36) 1,1-Dichloropropene	5.76	75	59542	18.765	ug/l	98
37) Ethyl Acetate	4.79	43	65649	17.233	ug/l	96
38) Carbon Tetrachloride	5.75	117	68368	20.503	ug/l	94

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 ClientSampleId :
 VX0609WBSD01

Quant Time: Jun 10 04:10:21 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)
39) Methylcyclohexane	7.44	83	66056	19.167	ug/l	96
40) Benzene	6.11	78	181313	19.188	ug/l	99
41) Methacrylonitrile	5.00	41	35316	16.878	ug/l	95
42) 1,2-Dichloroethane	6.16	62	67242	20.010	ug/l	98
43) Isopropyl Acetate	6.41	43	104164	17.530	ug/l	97
44) Trichloroethene	7.18	130	61518	20.520	ug/l	94
45) 1,2-Dichloropropane	7.49	63	46091	19.160	ug/l	99
46) Dibromomethane	7.63	93	32302	19.992	ug/l	95
47) Bromodichloromethane	7.87	83	68528	20.484	ug/l	98
48) Methyl methacrylate	7.74	41	49387	17.359	ug/l	95
49) 1,4-Dioxane	7.71	88	25654	385.299	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	335624	90.711	ug/l	99
52) Toluene	8.76	92	118884	19.952	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	76175	20.024	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	79960	19.858	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	48937	20.656	ug/l	93
56) Ethyl methacrylate	9.16	69	72712	18.845	ug/l	96
57) 1,3-Dichloropropane	9.35	76	81942	20.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	168598	83.716	ug/l	96
59) 2-Hexanone	9.47	43	256449	89.129	ug/l	98
60) Dibromochloromethane	9.57	129	56959	21.364	ug/l	99
61) 1,2-Dibromoethane	9.65	107	52626	20.744	ug/l	100
64) Tetrachloroethene	9.32	164	71464	20.371	ug/l	97
65) Chlorobenzene	10.12	112	126868	19.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	51018	20.907	ug/l	99
67) Ethyl Benzene	10.23	91	219167	19.256	ug/l	97
68) m/p-Xylenes	10.34	106	168513	39.932	ug/l	98
69) o-Xylene	10.68	106	79757	19.516	ug/l	99
70) Styrene	10.70	104	141160	20.095	ug/l	98
71) Bromoform	10.84	173	44225	21.444	ug/l	100
73) Isopropylbenzene	11.00	105	217811	19.618	ug/l	100
74) N-amyl acetate	10.88	43	85162	16.676	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	54417	19.557	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	89034	25.279	ug/l	85
77) Bromobenzene	11.24	156	59312	20.368	ug/l	94
78) n-propylbenzene	11.34	91	239881	19.339	ug/l	98
79) 2-Chlorotoluene	11.40	91	146809	19.390	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	183519	19.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	25795	18.015	ug/l	96
82) 4-Chlorotoluene	11.49	91	174660	19.535	ug/l	100
83) tert-Butylbenzene	11.76	119	158388	19.996	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	187319	19.980	ug/l	100
85) sec-Butylbenzene	11.93	105	199587	20.086	ug/l	99
86) p-Isopropyltoluene	12.05	119	190297	20.444	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	97526	19.331	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	105661	20.478	ug/l	99
89) n-Butylbenzene	12.37	91	151840	19.585	ug/l	99
90) Hexachloroethane	12.58	117	33228	20.667	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	96659	19.776	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16691	18.519	ug/l	97

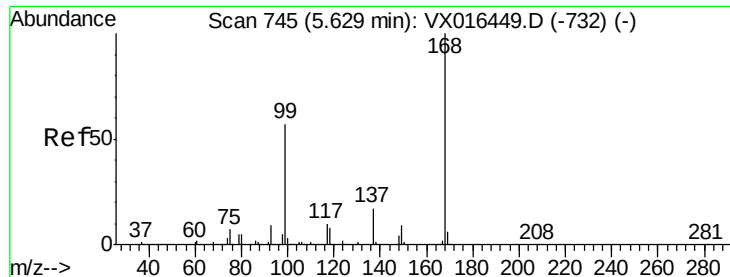
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060920\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	67543	20.807	ug/l	100
94) Hexachlorobutadiene	13.76	225	32586	25.568	ug/l	98
95) Naphthalene	13.82	128	220685	19.831	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	69779	21.942	ug/l	97

(#) = 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: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

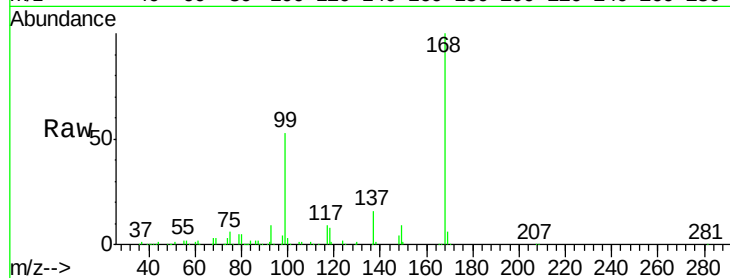
VX0609WBSD01

Tot Ion:168 Resp: 226859

Ion Ratio Lower Upper

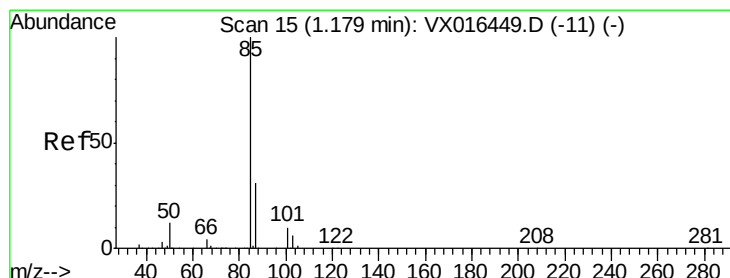
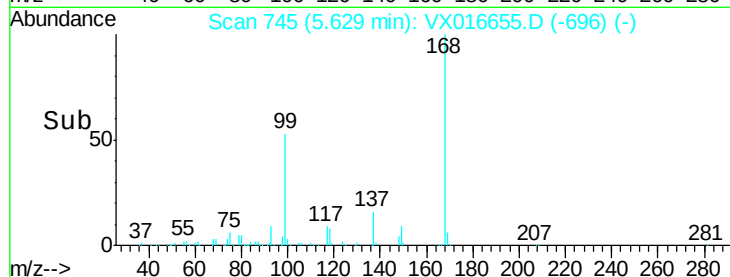
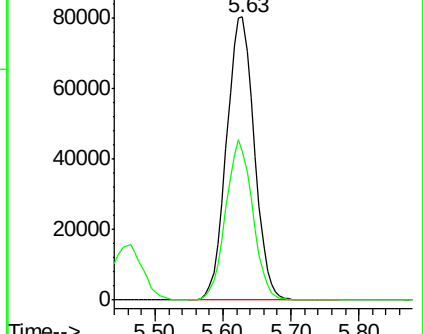
168 100

99 52.8 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: 16.829 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016655.D

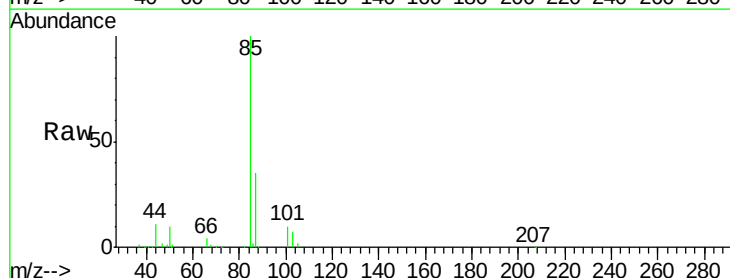
Acq: 09 Jun 2020 11:34

Tgt Ion: 85 Resp: 37571

Ion Ratio Lower Upper

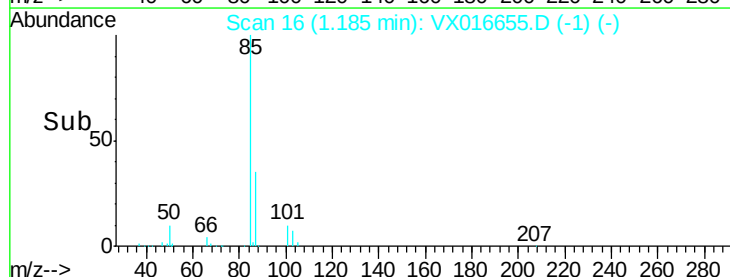
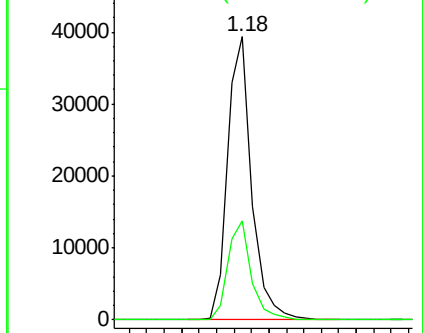
85 100

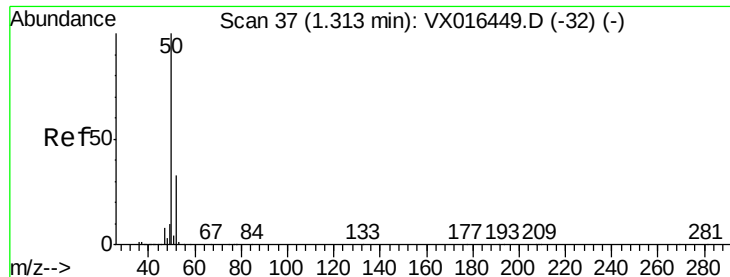
87 35.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.619 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

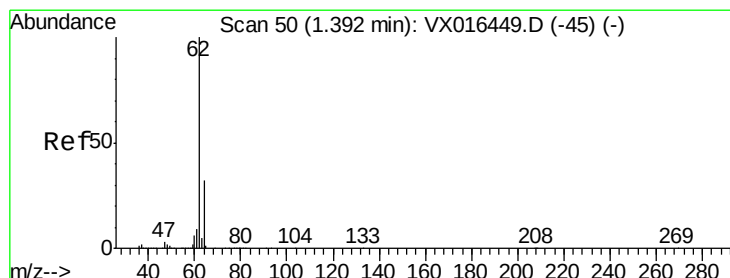
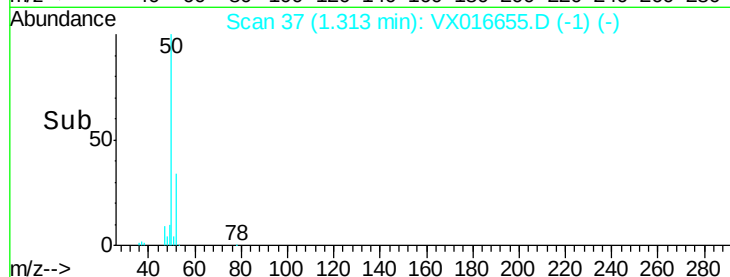
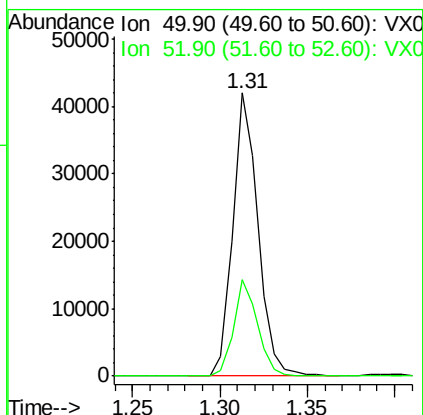
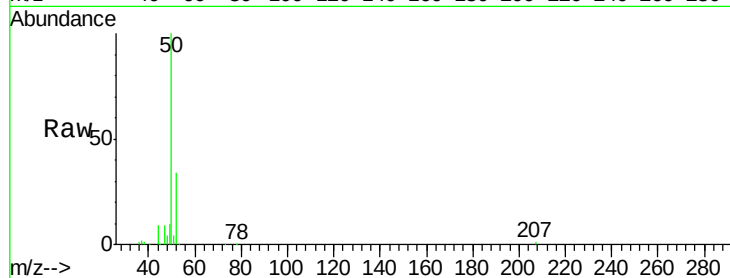
VX0609WBSD01

Tot Ion: 50 Resp: 42140

Ion Ratio Lower Upper

50 100

52 34.2 26.2 39.2



#4

Vinyl Chloride

Concen: 16.510 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016655.D

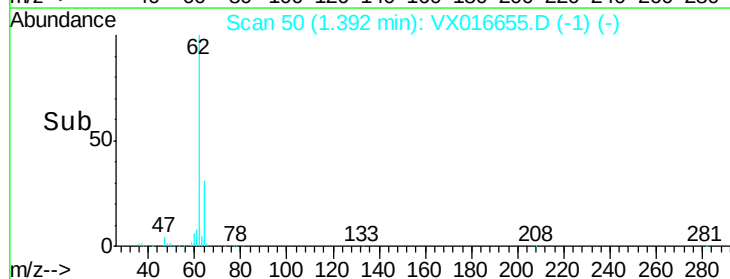
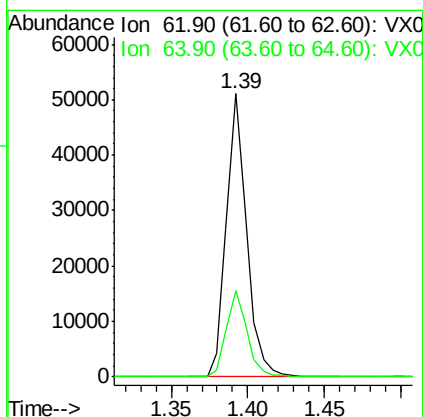
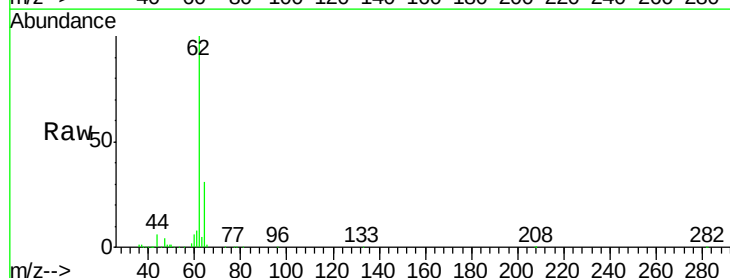
Acq: 09 Jun 2020 11:34

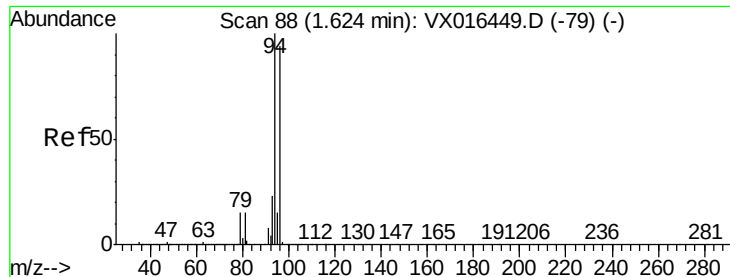
Tgt Ion: 62 Resp: 47106

Ion Ratio Lower Upper

62 100

64 30.6 25.9 38.9





#5

Bromomethane

Concen: 23.332 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

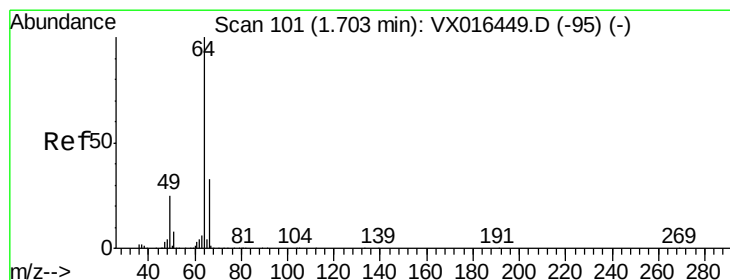
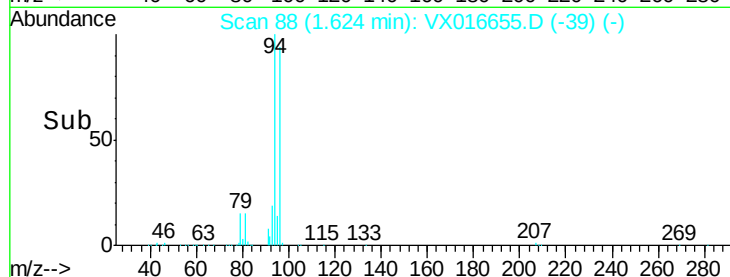
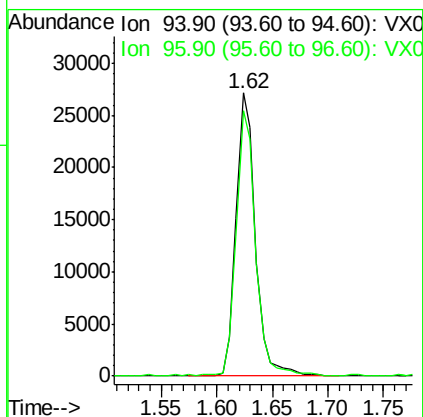
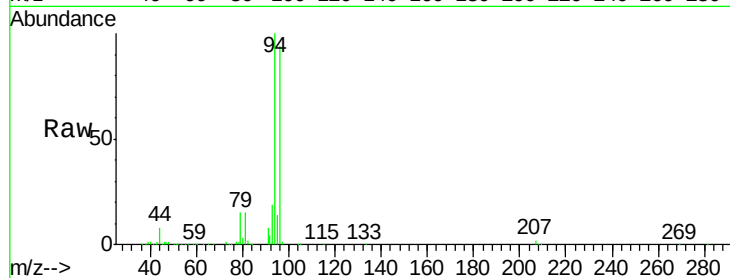
VX0609WBSD01

Tot Ion: 94 Resp: 32368

Ion Ratio Lower Upper

94 100

96 93.8 75.1 112.7



#6

Chloroethane

Concen: 18.011 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016655.D

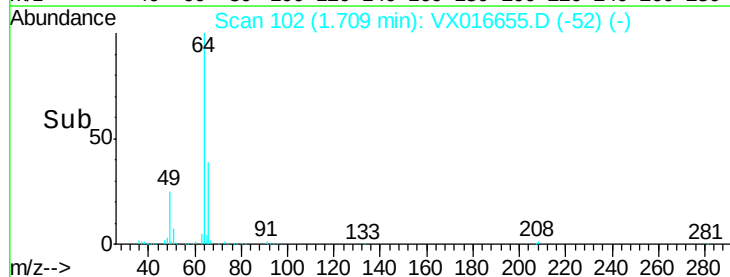
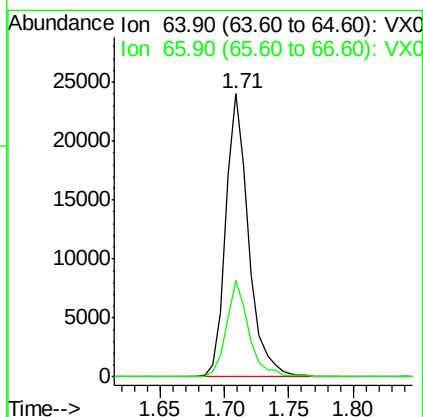
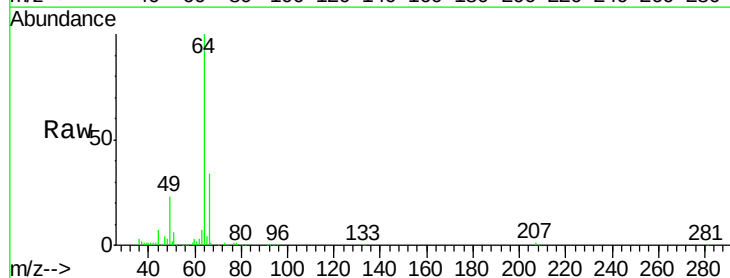
Acq: 09 Jun 2020 11:34

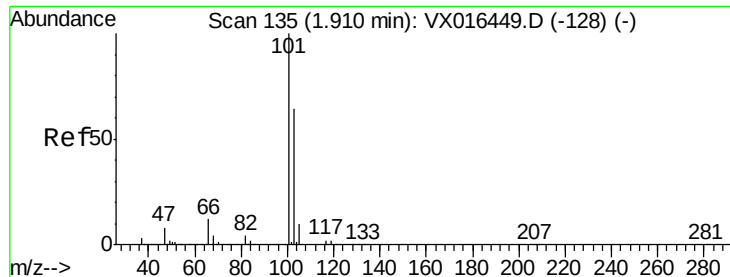
Tgt Ion: 64 Resp: 29976

Ion Ratio Lower Upper

64 100

66 34.1 26.7 40.1



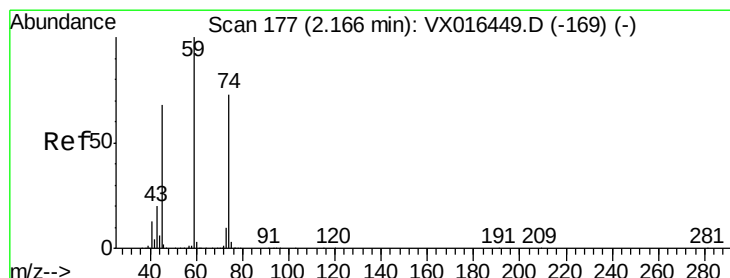
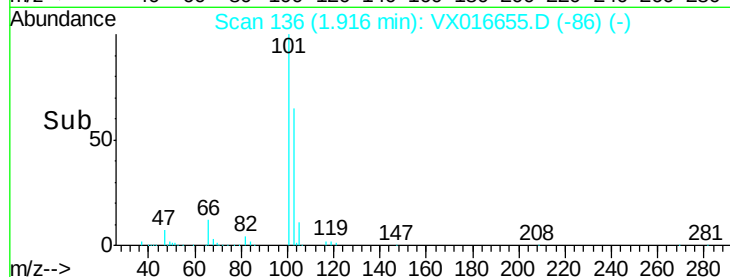
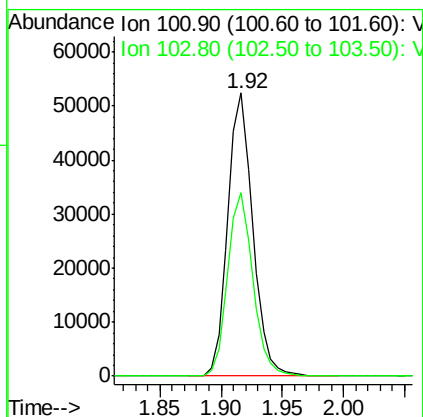
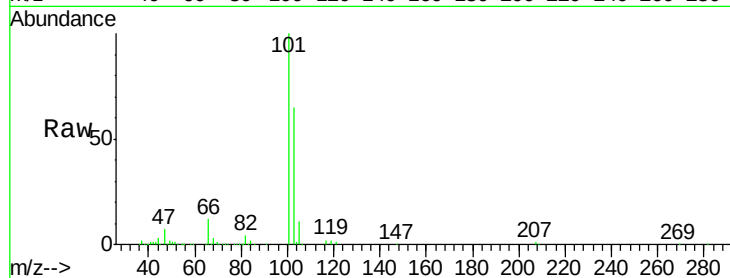


#7

Trichlorofluoromethane
Concen: 19.760 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBSD01

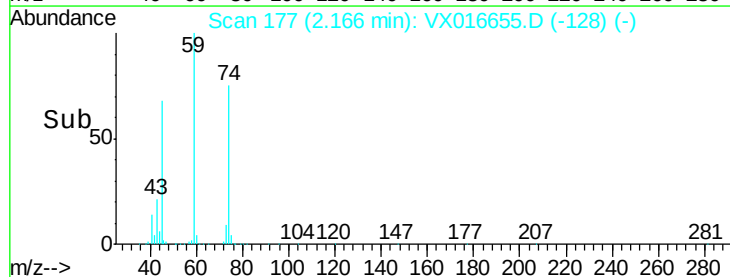
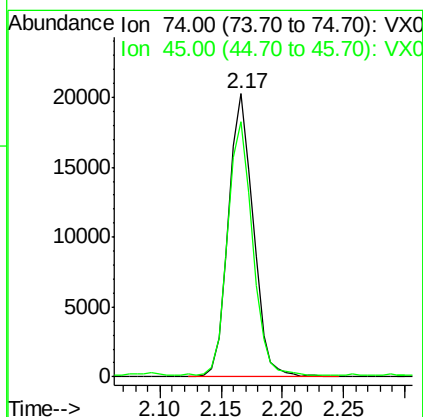
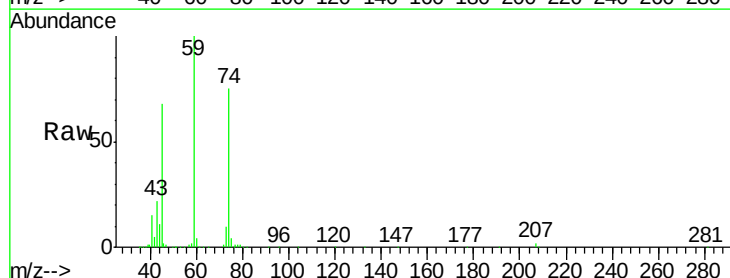
Tot Ion:101 Resp: 74041
Ion Ratio Lower Upper
101 100
103 64.9 50.9 76.3

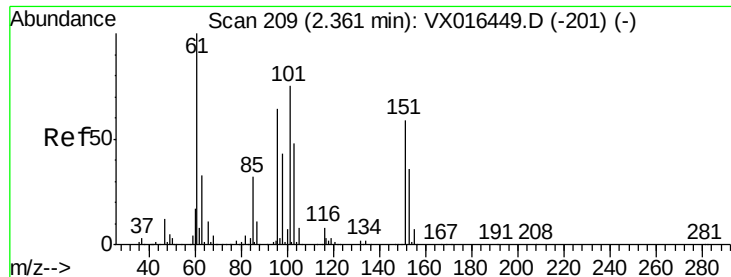


#8

Diethyl Ether
Concen: 18.220 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion: 74 Resp: 28468
Ion Ratio Lower Upper
74 100
45 89.7 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.017 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBSD01

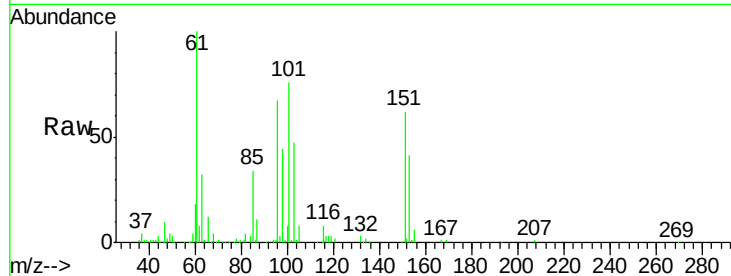
Tot Ion:101 Resp: 41279

Ion Ratio Lower Upper

101 100

85 43.6 34.4 51.6

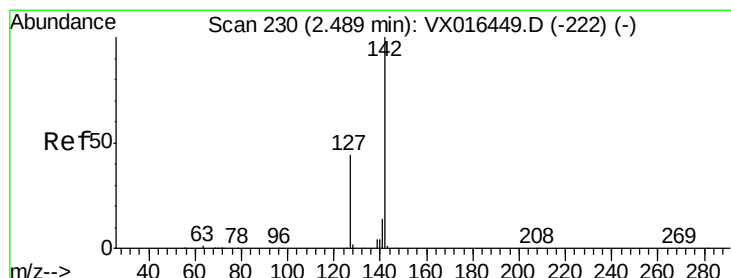
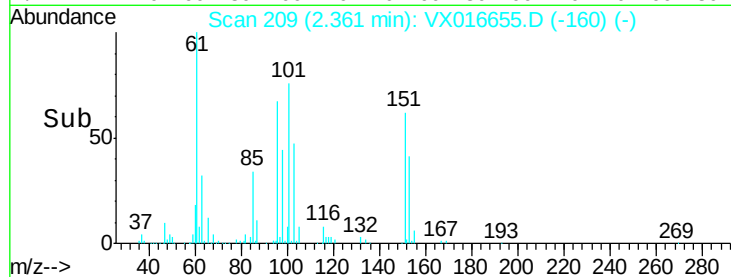
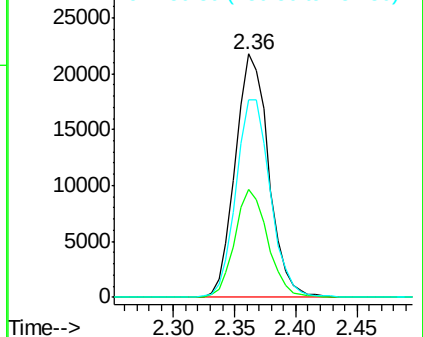
151 83.4 63.8 95.6



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: 19.242 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

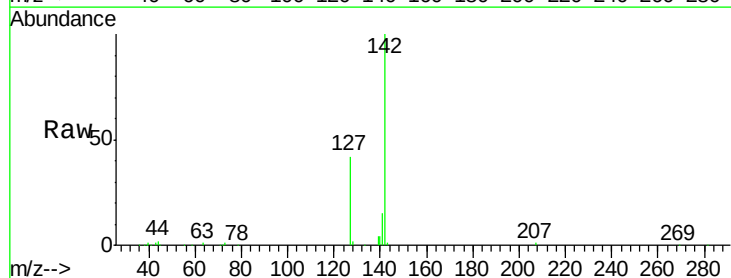
Tgt Ion:142 Resp: 42477

Ion Ratio Lower Upper

142 100

127 42.8 35.3 52.9

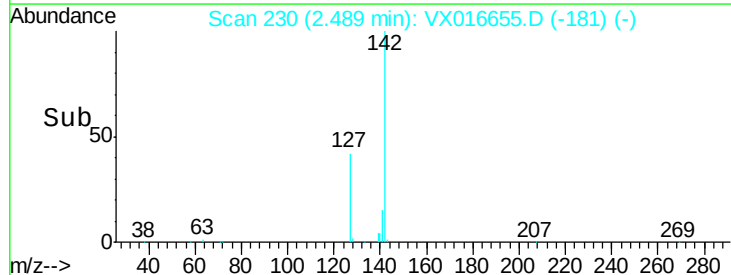
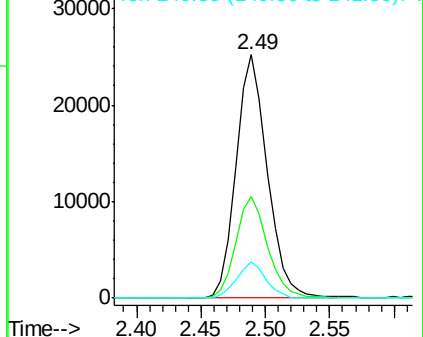
141 13.9 11.4 17.2

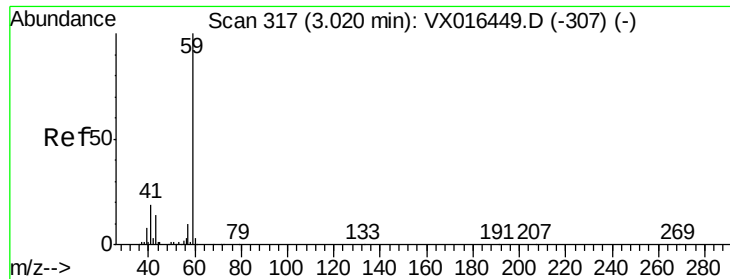


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

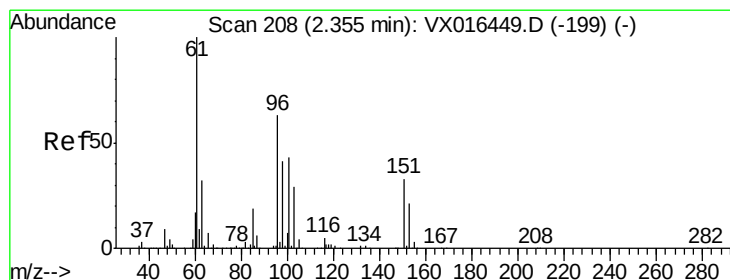
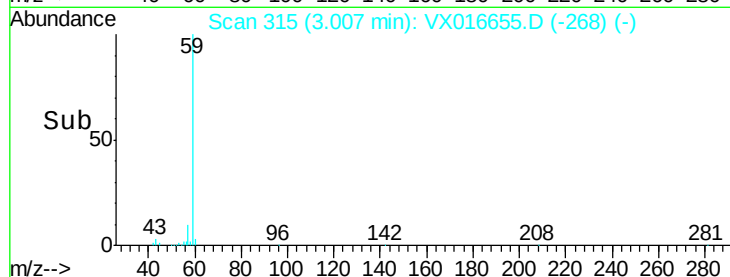
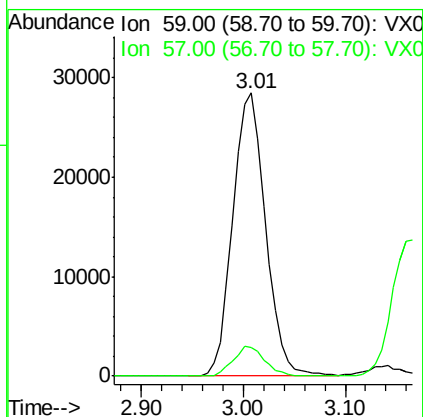
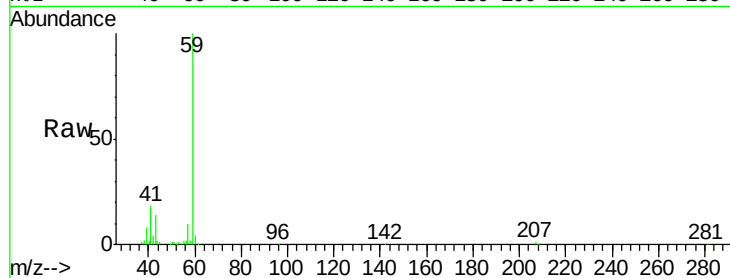




#11
Tert butyl alcohol
Concen: 87.863 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

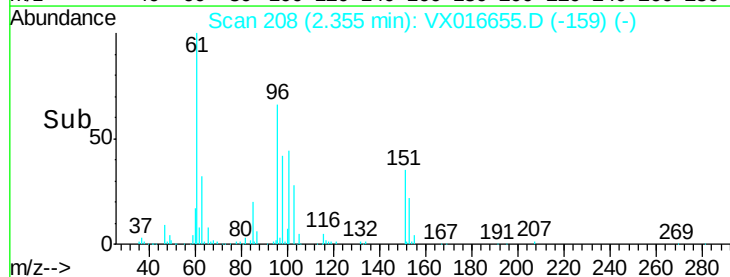
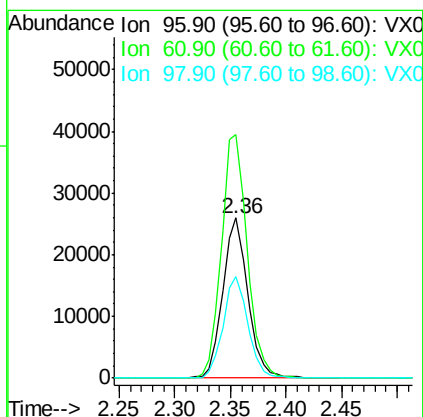
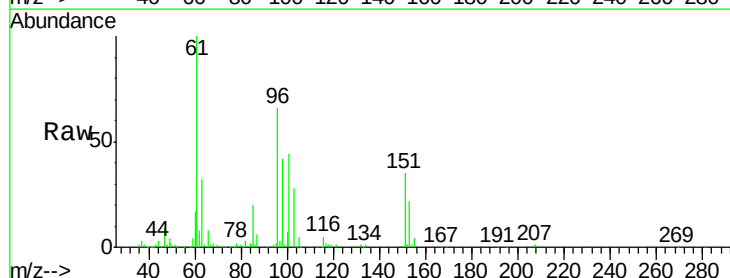
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBSD01

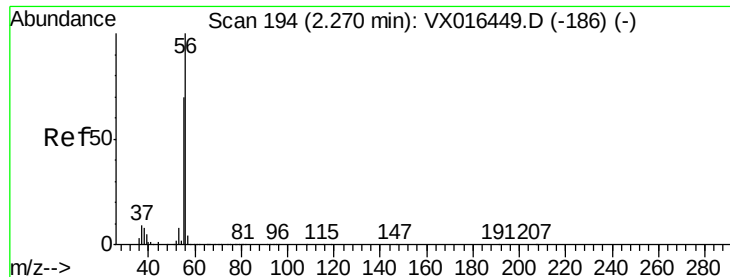
Tot Ion: 59 Resp: 63476
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.604 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion: 96 Resp: 40610
Ion Ratio Lower Upper
96 100
61 151.9 126.6 189.8
98 63.3 51.3 76.9





#13

Acrolein

Concen: 81.541 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

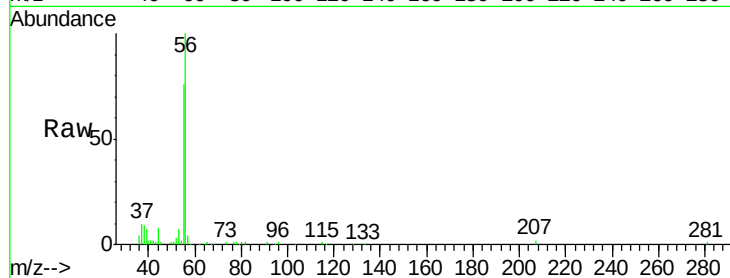
VX0609WBSD01

Tot Ion: 56 Resp: 25059

Ion Ratio Lower Upper

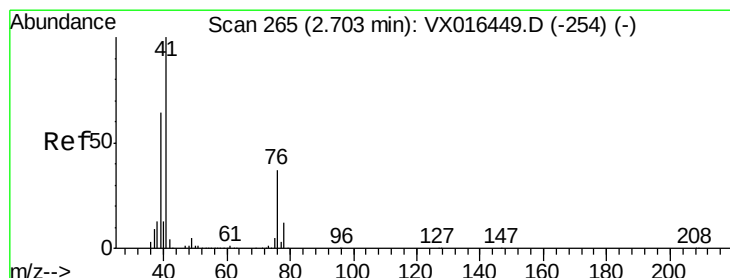
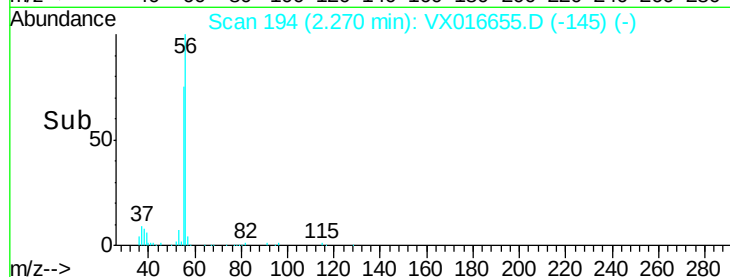
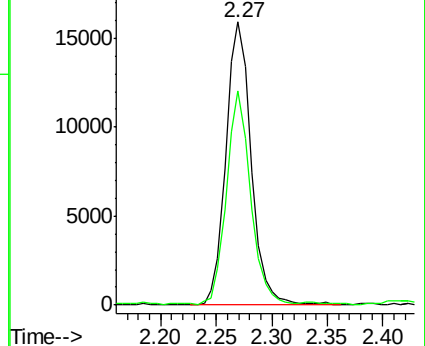
56 100

55 72.5 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: 16.521 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

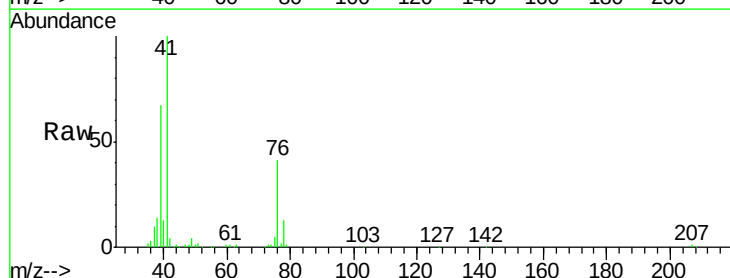
Tgt Ion: 41 Resp: 66324

Ion Ratio Lower Upper

41 100

39 61.9 47.7 71.5

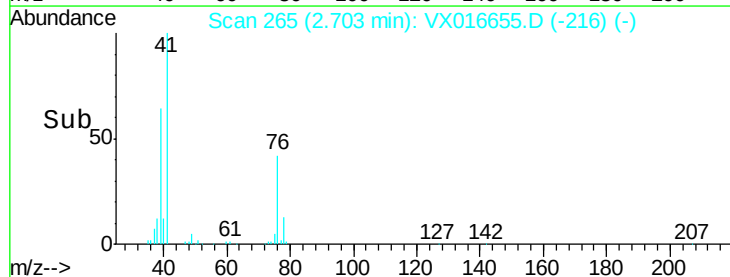
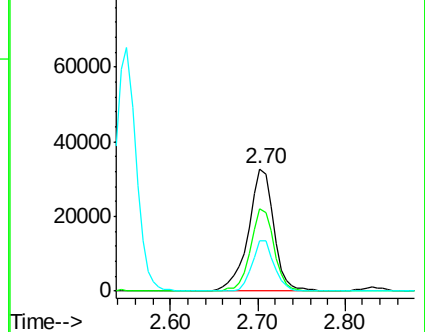
76 35.5 26.6 40.0

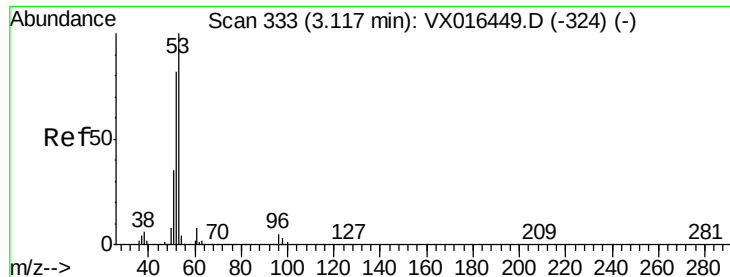


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 86.277 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

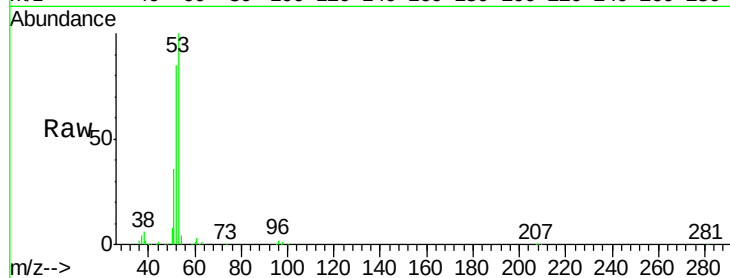
MSVOA_X

ClientSampleId :

VX0609WBSD01

Tot Ion: 53 Resp: 127680

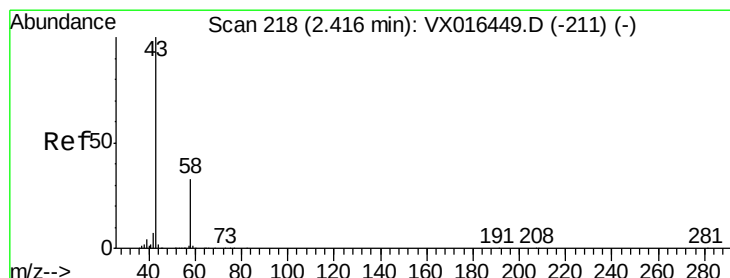
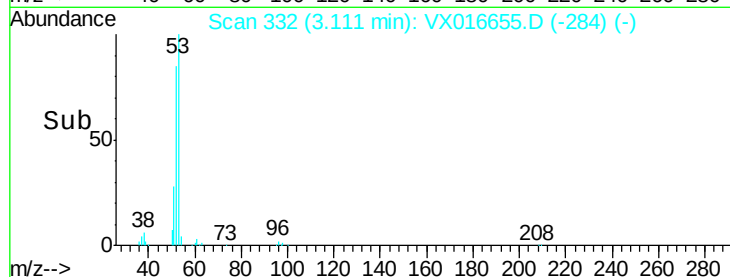
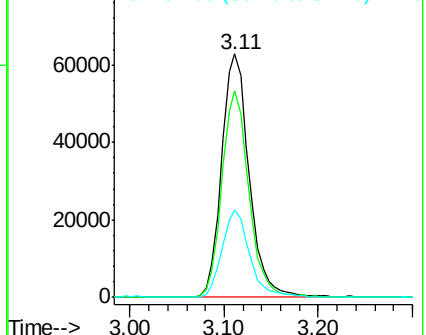
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.7	100.1
51	36.0	28.6	43.0



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: 86.843 ug/l

RT: 2.42 min Scan# 218

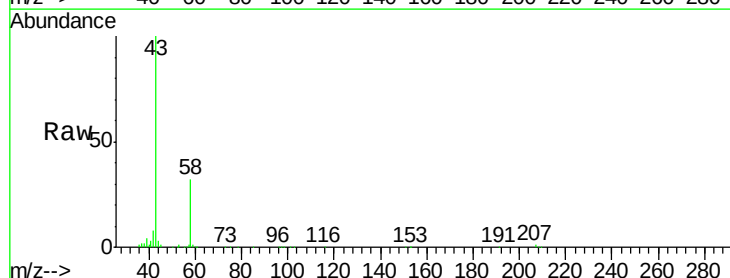
Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

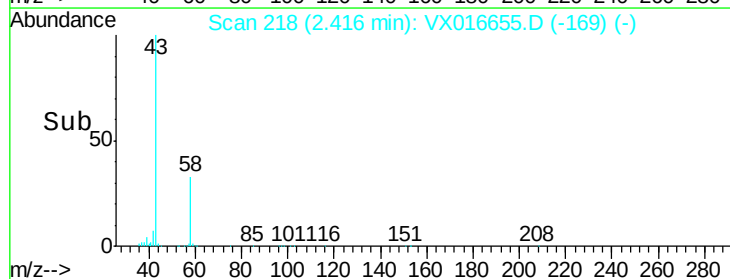
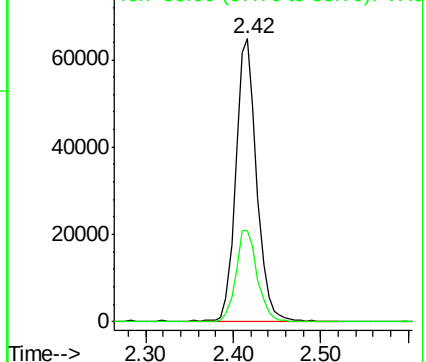
Tgt Ion: 43 Resp: 107192

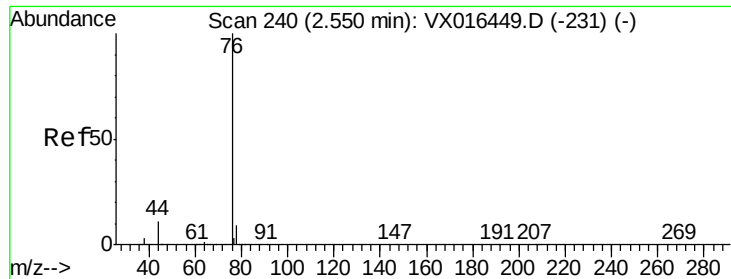
Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.1	39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.285 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

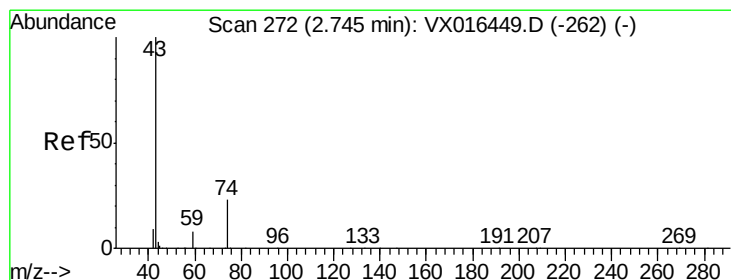
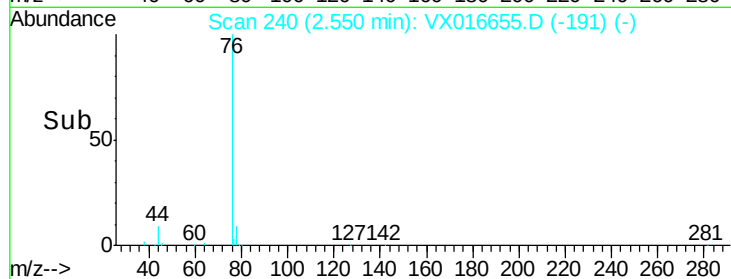
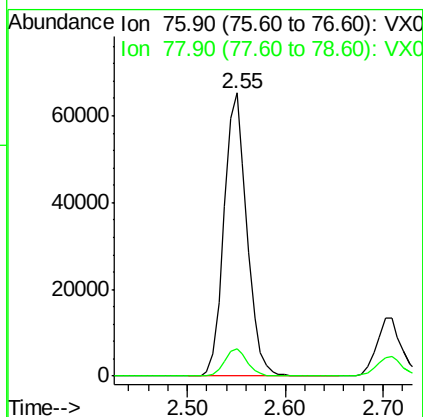
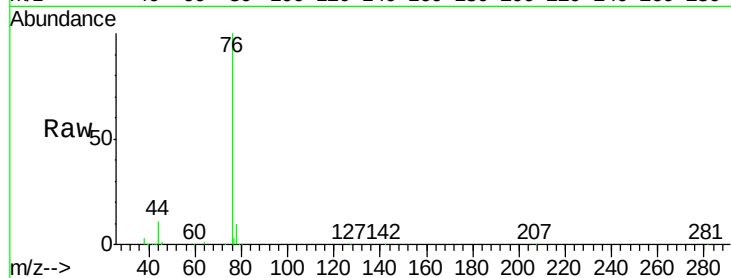
VX0609WBSD01

Tot Ion: 76 Resp: 105563

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0



#18

Methyl Acetate

Concen: 18.338 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016655.D

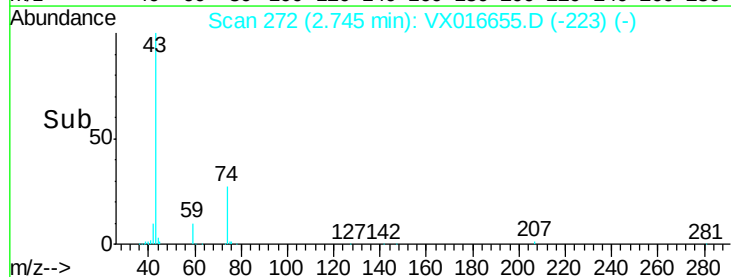
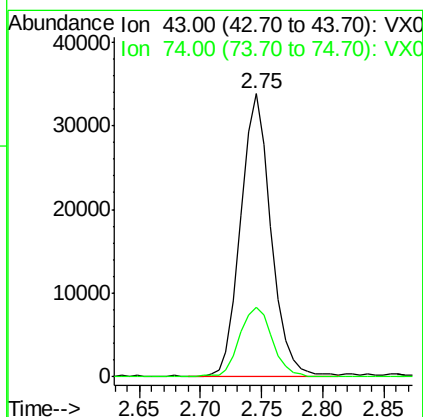
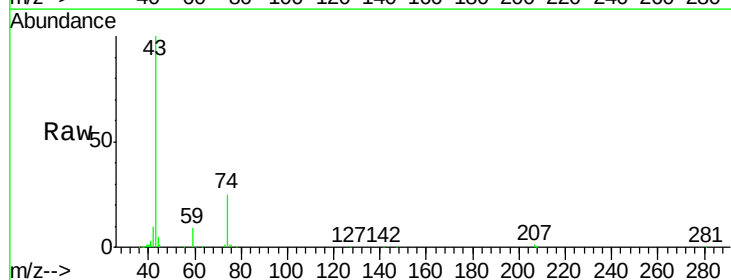
Acq: 09 Jun 2020 11:34

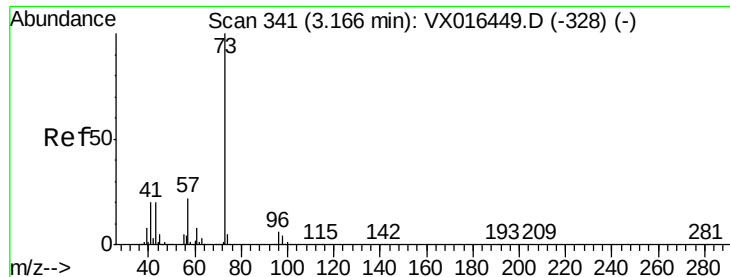
Tgt Ion: 43 Resp: 58054

Ion Ratio Lower Upper

43 100

74 26.9 19.7 29.5





#19

Methyl tert-butyl Ether

Concen: 18.974 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

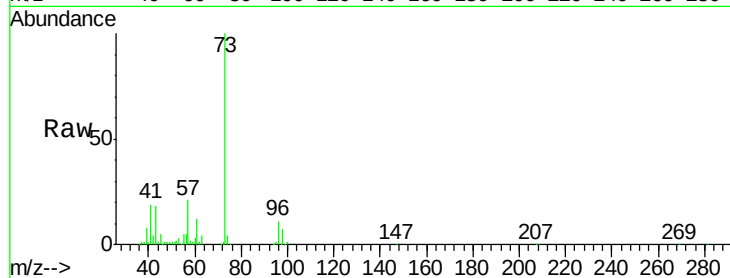
VX0609WBSD01

Tot Ion: 73 Resp: 148728

Ion Ratio Lower Upper

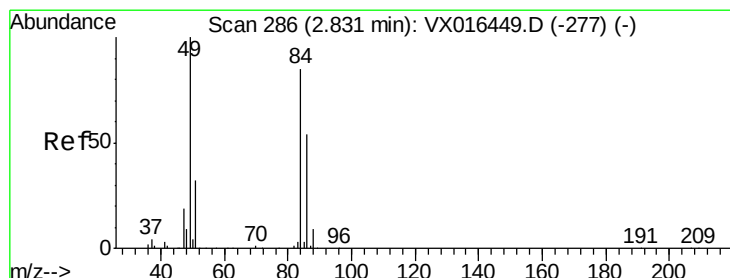
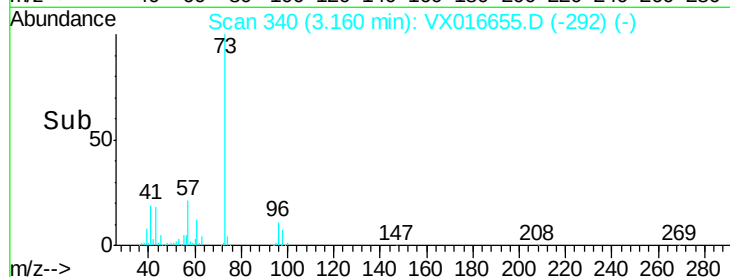
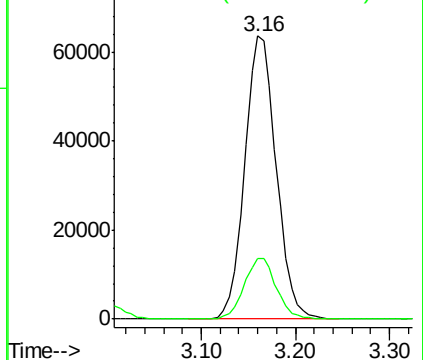
73 100

57 21.3 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 18.447 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Tgt Ion: 84 Resp: 47109

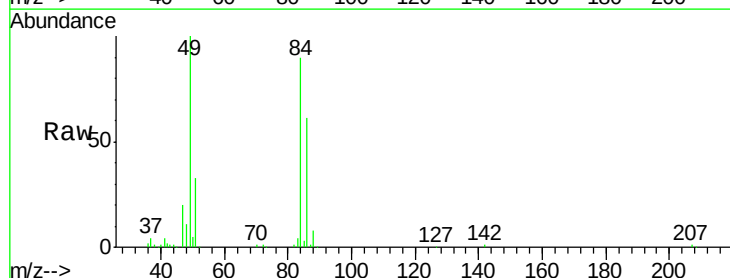
Ion Ratio Lower Upper

84 100

49 111.2 94.5 141.7

51 37.2 30.2 45.4

86 67.5 51.1 76.7

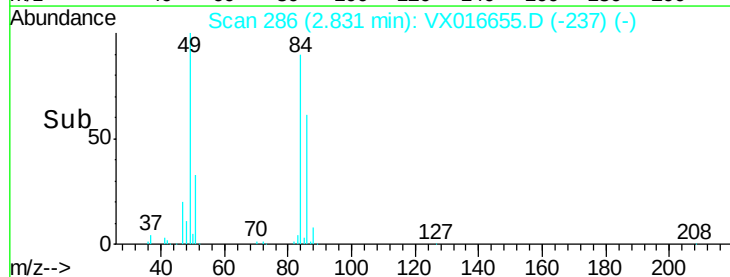
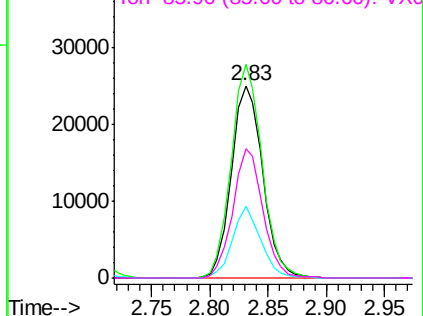


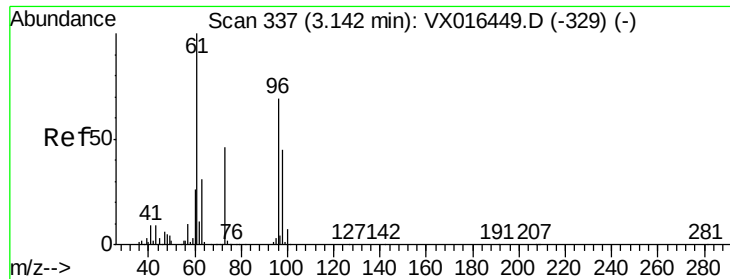
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 17.928 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBSD01

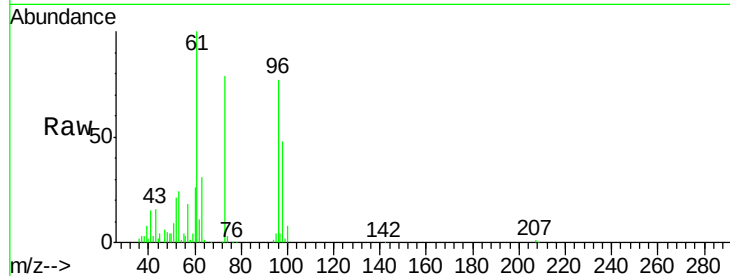
Tot Ion: 96 Resp: 43287

Ion Ratio Lower Upper

96 100

61 130.4 115.3 172.9

98 62.4 51.9 77.9

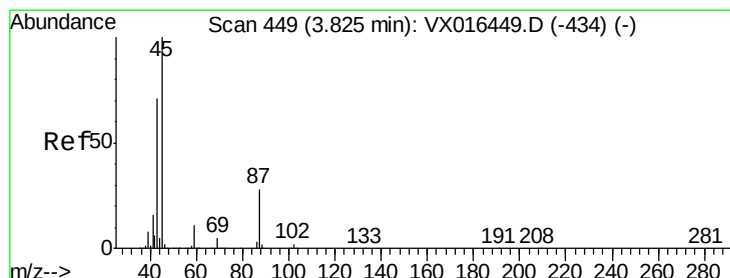
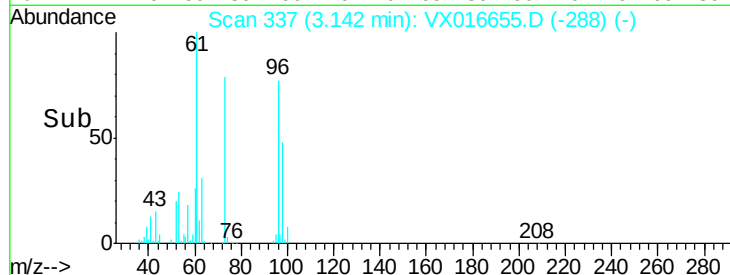
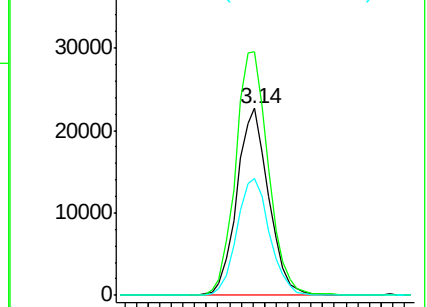


Abundance

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: 17.241 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Tgt Ion: 45 Resp: 132958

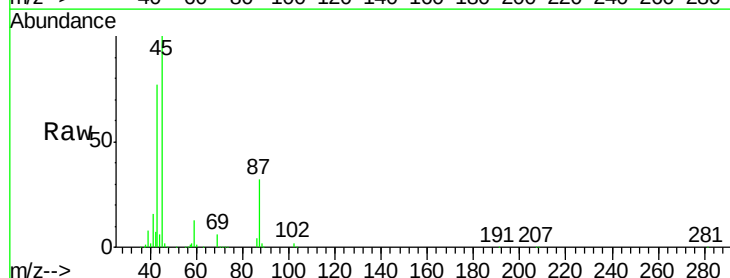
Ion Ratio Lower Upper

45 100

43 76.9 57.0 85.6

87 32.4 22.5 33.7

59 12.5 9.1 13.7



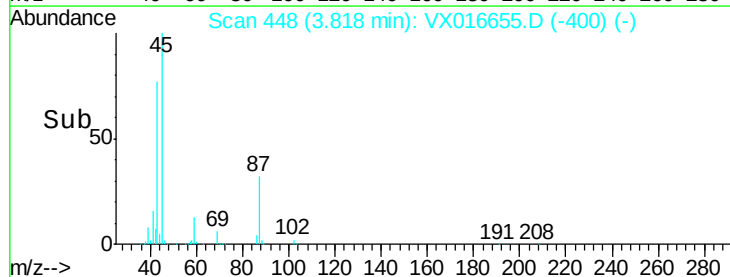
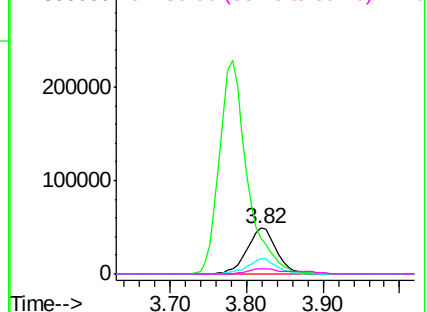
Abundance

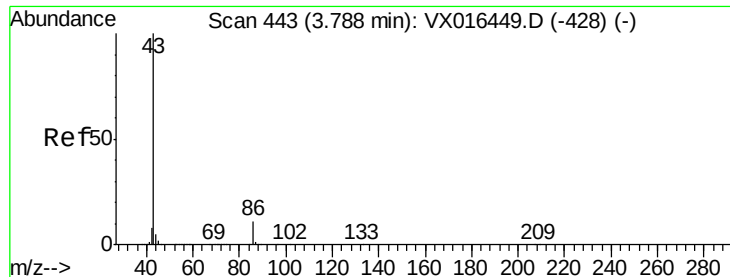
Ion 45.00 (44.70 to 45.70): VX0

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: 85.623 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

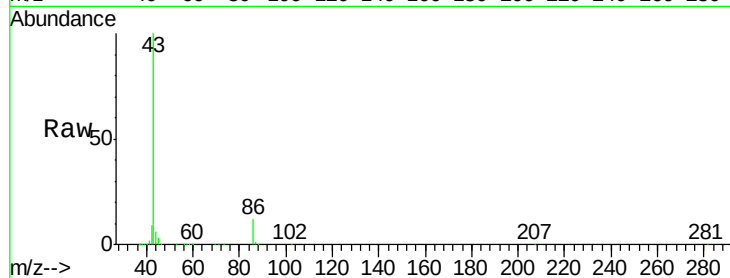
VX0609WBSD01

Tot Ion: 43 Resp: 577976

Ion Ratio Lower Upper

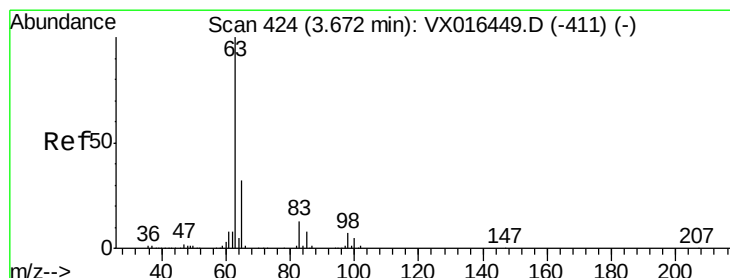
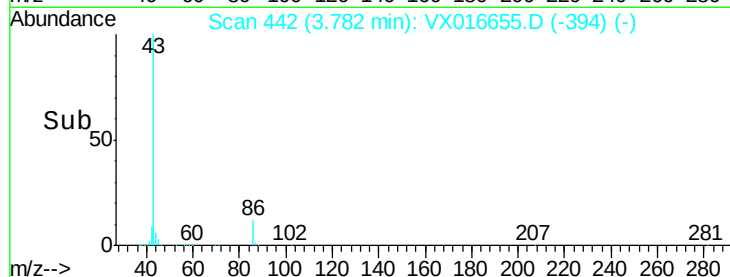
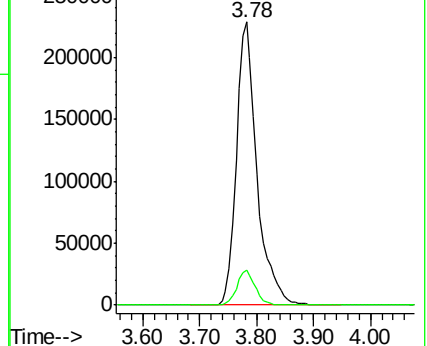
43 100

86 12.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.325 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

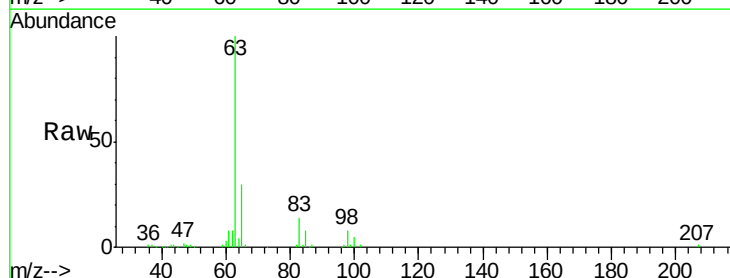
Tgt Ion: 63 Resp: 79765

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

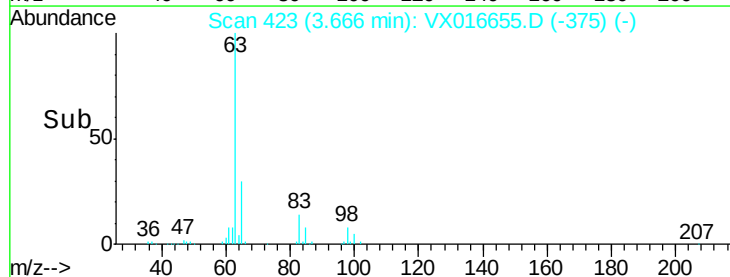
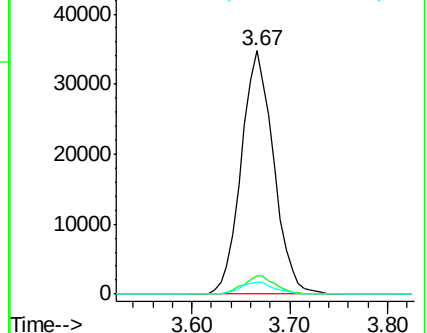
100 4.7 2.4 7.1

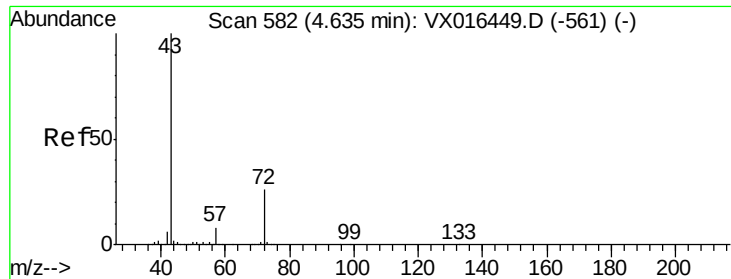


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 83.635 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

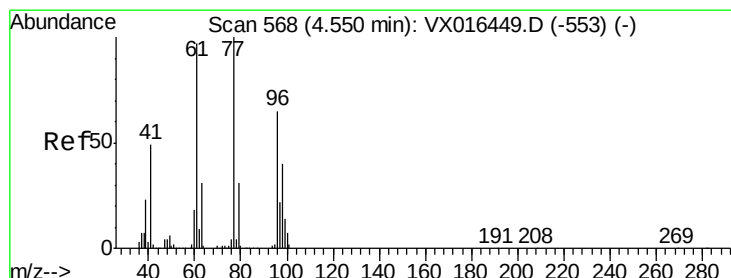
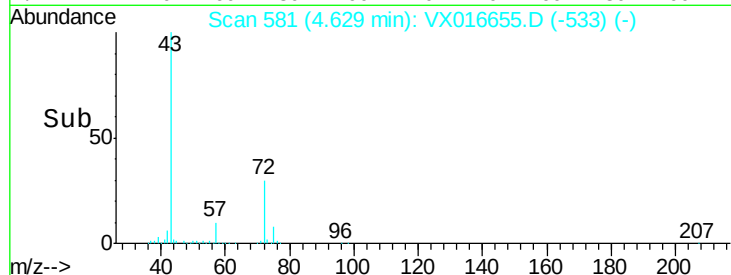
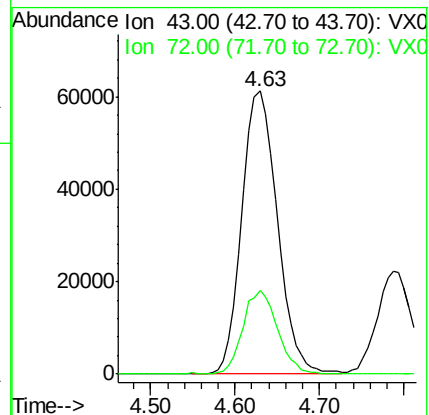
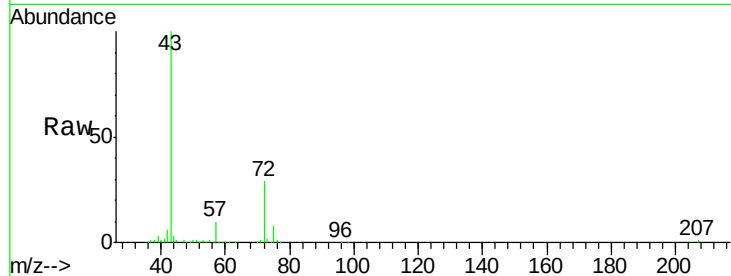
VX0609WBSD01

Tot Ion: 43 Resp: 174924

Ion Ratio Lower Upper

43 100

72 29.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.380 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016655.D

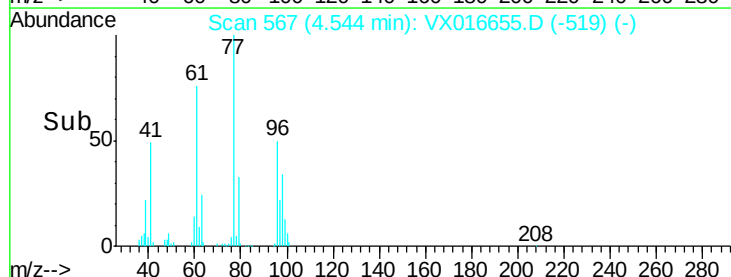
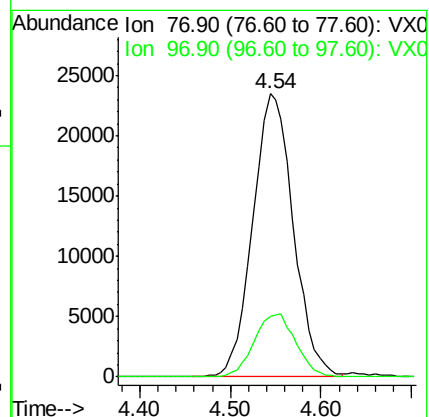
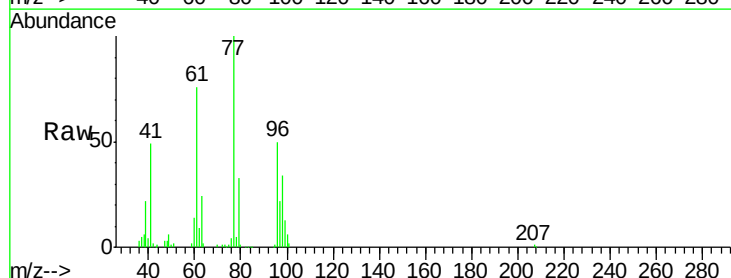
Acq: 09 Jun 2020 11:34

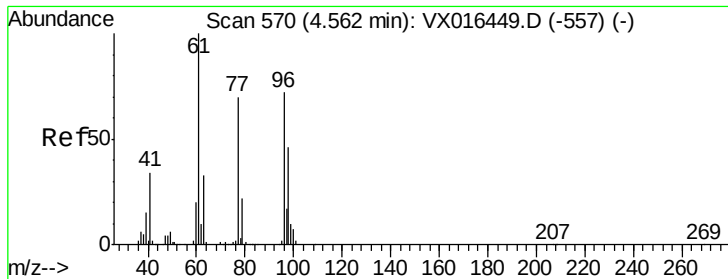
Tgt Ion: 77 Resp: 72588

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



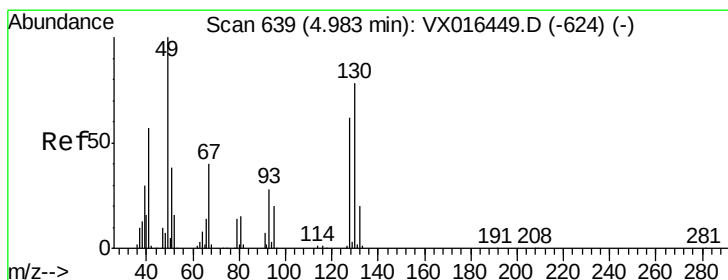
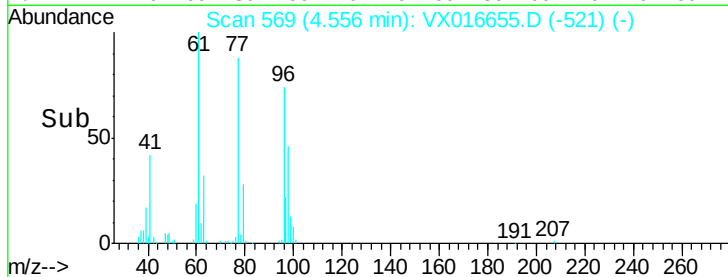
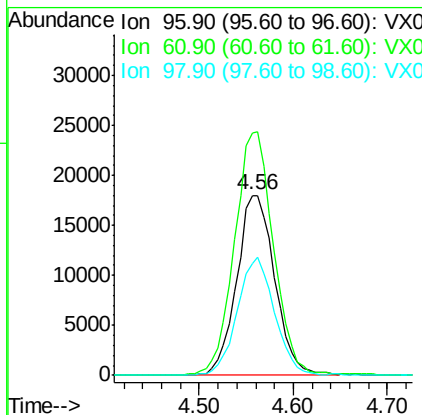
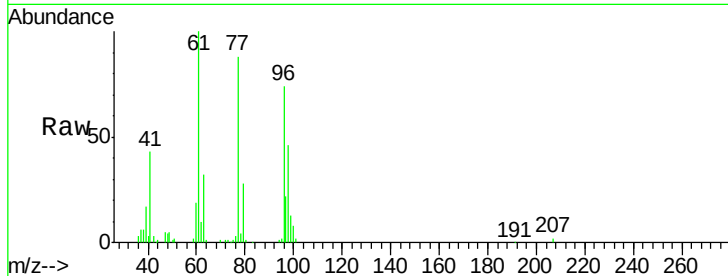


#27

cis-1,2-Dichloroethene
 Concen: 18.255 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBSD01

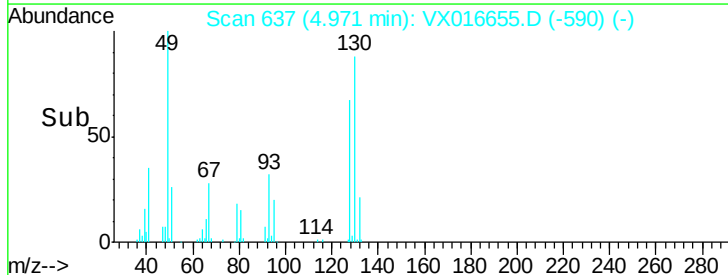
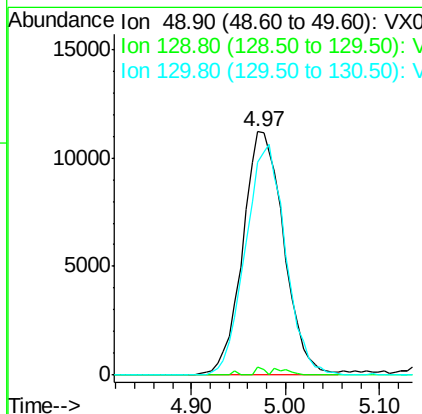
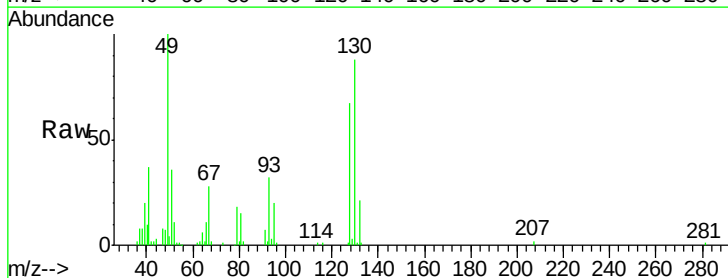
Tot Ion	96	Resp	50991
Ion Ratio	Lower	Upper	
96	100		
61	138.2	0.0	284.6
98	63.9	0.0	127.2

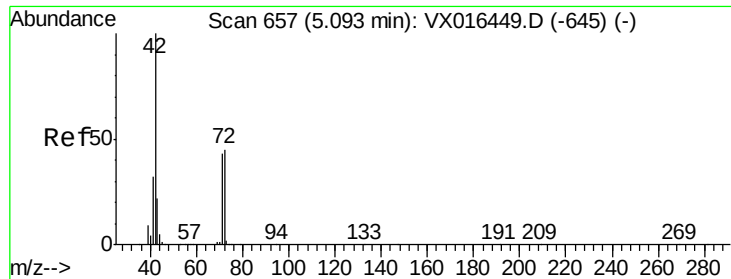


#28

Bromochloromethane
 Concen: 16.934 ug/l
 RT: 4.97 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

Tgt Ion	49	Resp	34252
Ion Ratio	Lower	Upper	
49	100		
129	0.7	0.0	4.0
130	0.0	63.0	94.4#





#29

Tetrahydrofuran

Concen: 83.473 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBSD01

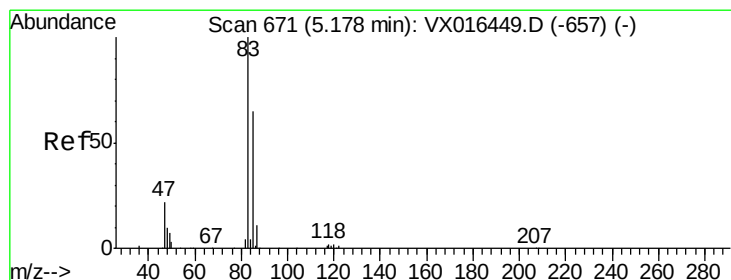
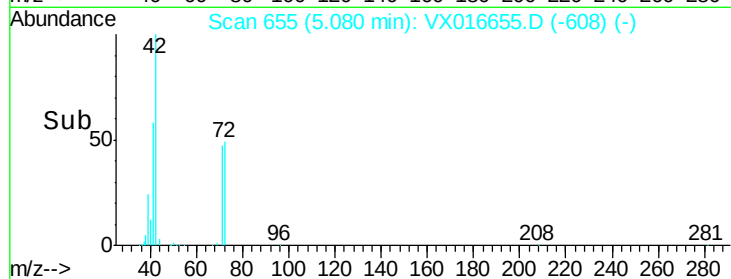
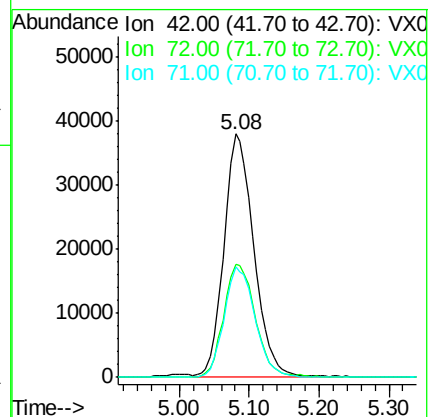
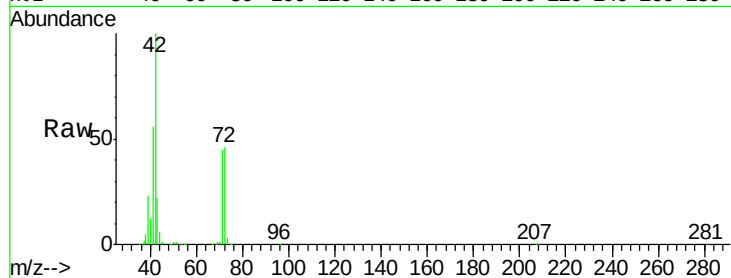
Tot Ion: 42 Resp: 112790

Ion Ratio Lower Upper

42 100

72 49.5 37.0 55.4

71 46.9 34.1 51.1



#30

Chloroform

Concen: 19.055 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016655.D

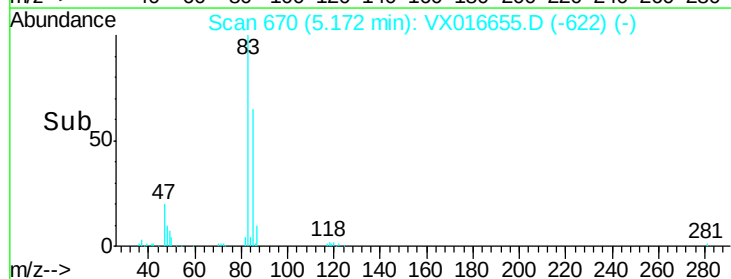
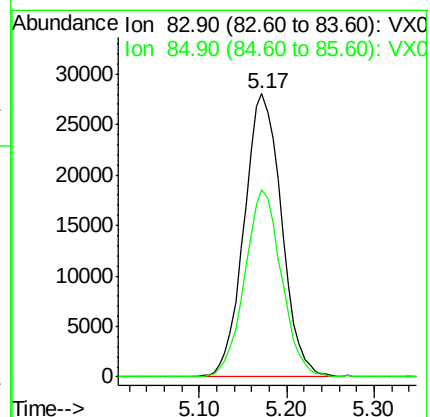
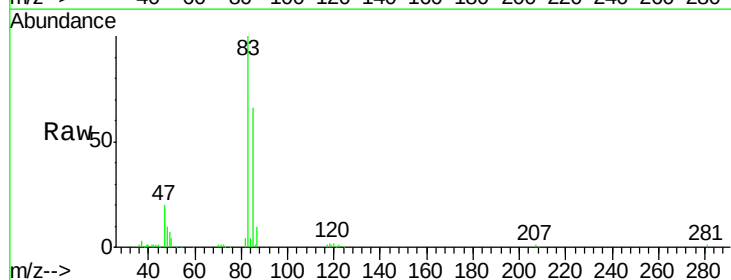
Acq: 09 Jun 2020 11:34

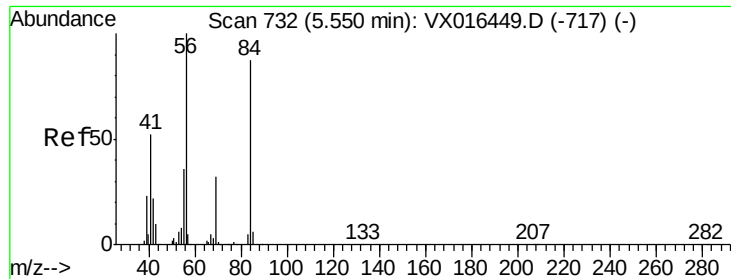
Tgt Ion: 83 Resp: 83569

Ion Ratio Lower Upper

83 100

85 66.1 52.0 78.0

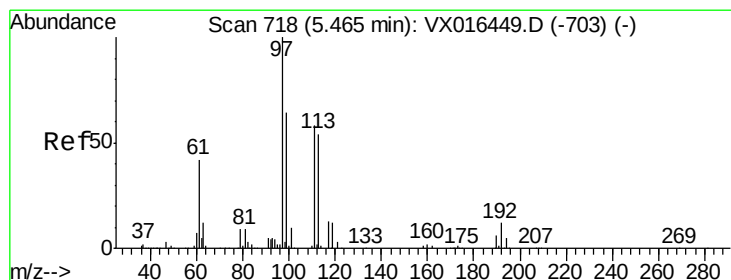
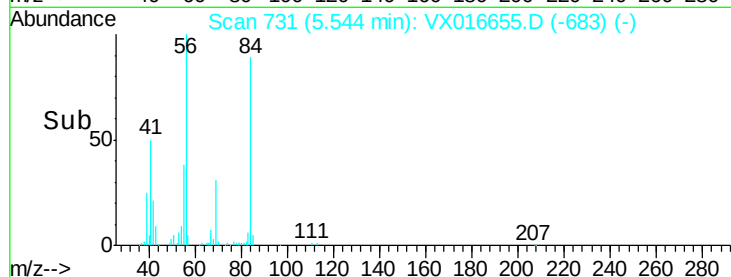
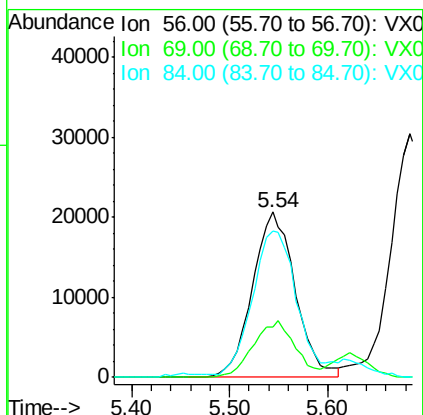
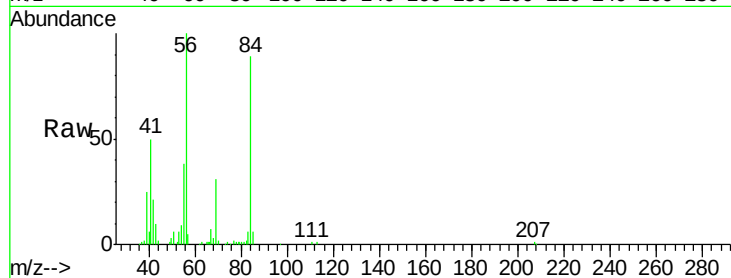




#31
Cyclohexane
Concen: 16.028 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

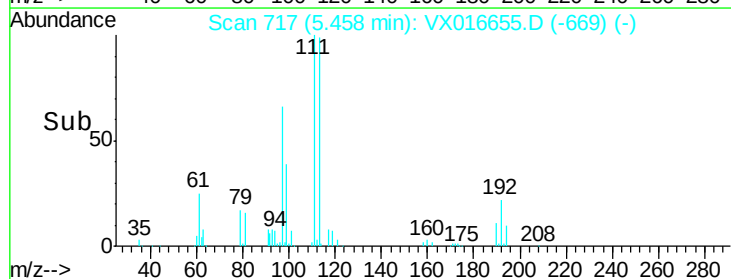
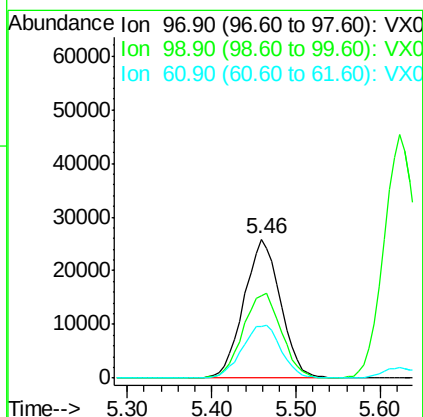
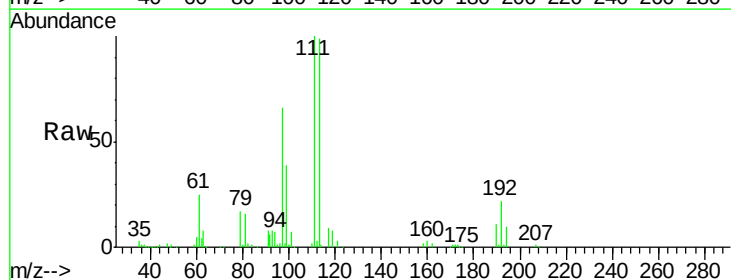
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBSD01

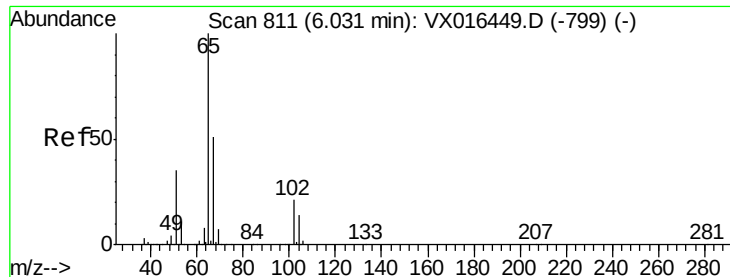
Tot Ion: 56 Resp: 62765
Ion Ratio Lower Upper
56 100
69 30.7 25.7 38.5
84 86.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.403 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion: 97 Resp: 77041
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.2
61 40.1 33.5 50.3

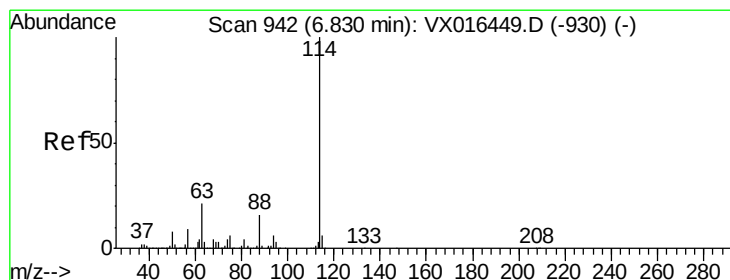
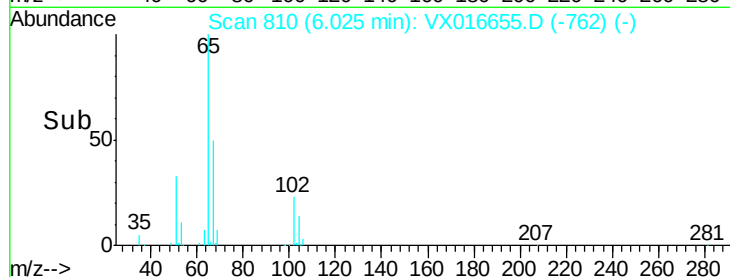
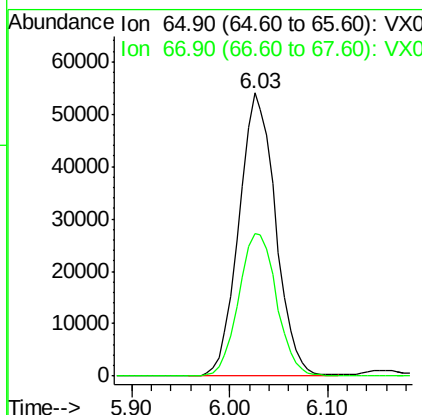
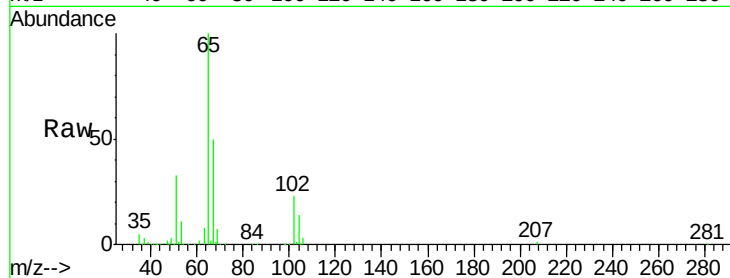




#33
 1,2-Dichloroethane-d4
 Concen: 49.966 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

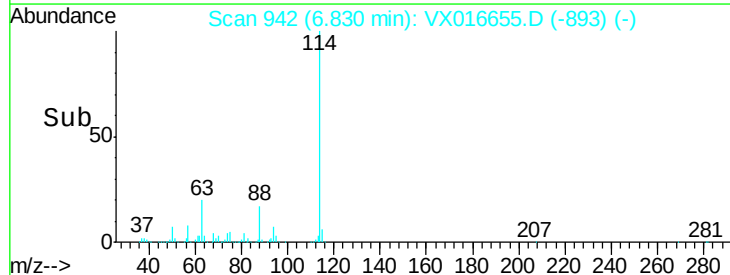
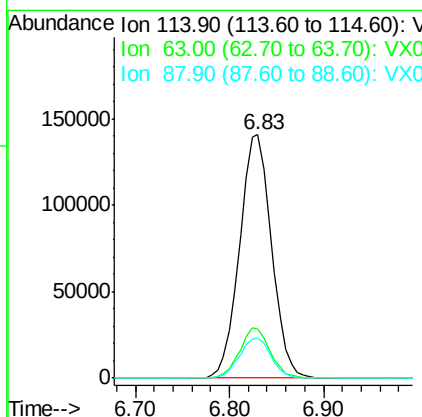
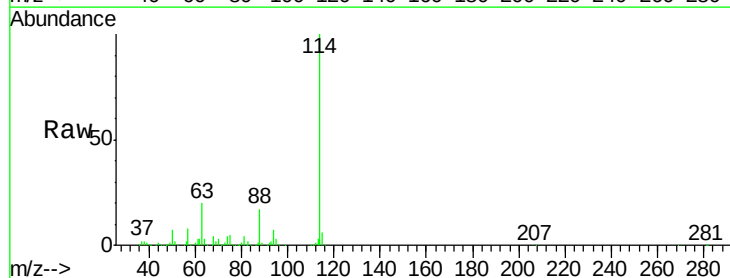
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBSD01

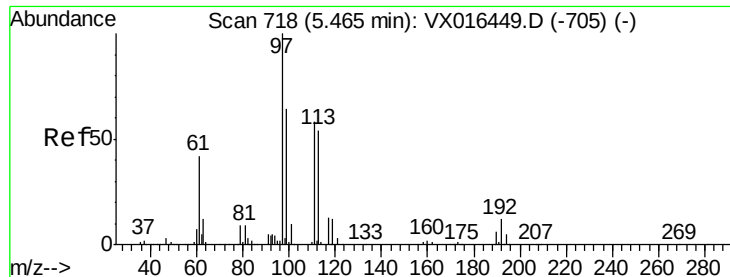
Tot Ion: 65 Resp: 140769
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

Tgt Ion: 114 Resp: 335127
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.6
 88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.526 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBSD01

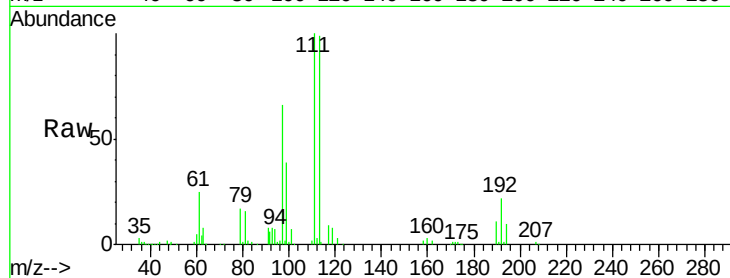
Tot Ion:113 Resp: 112515

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

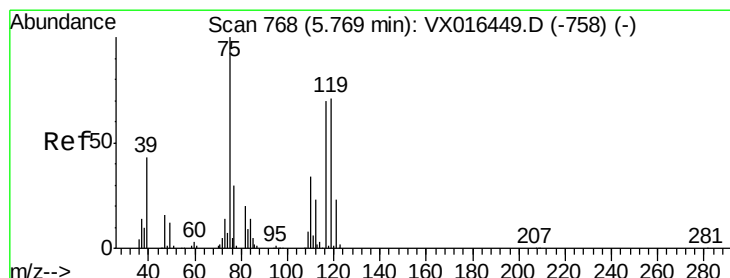
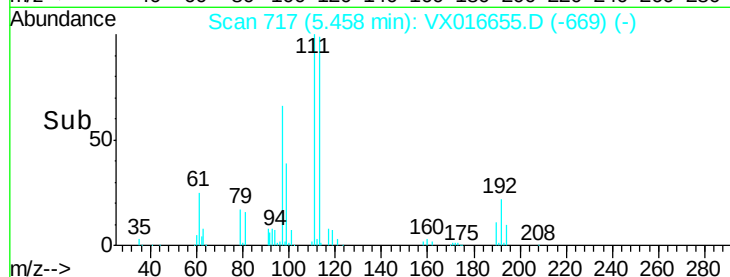
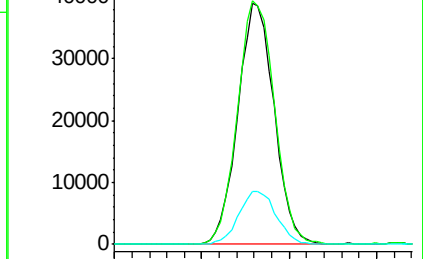
192 22.6 17.7 26.5



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: 18.765 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

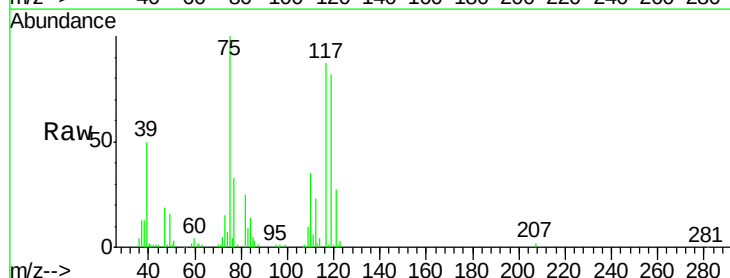
Tgt Ion: 75 Resp: 59542

Ion Ratio Lower Upper

75 100

110 36.7 17.4 52.3

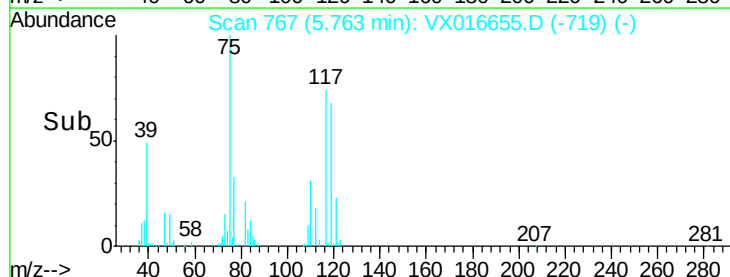
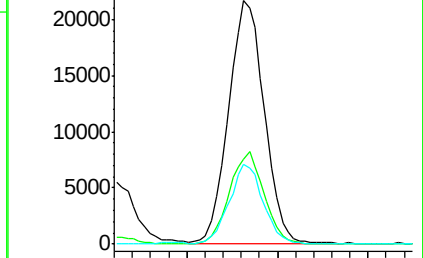
77 31.1 24.2 36.4

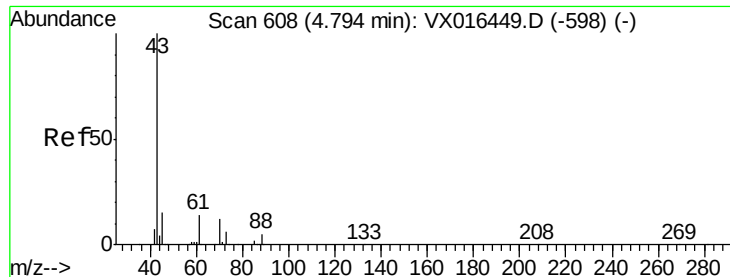


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

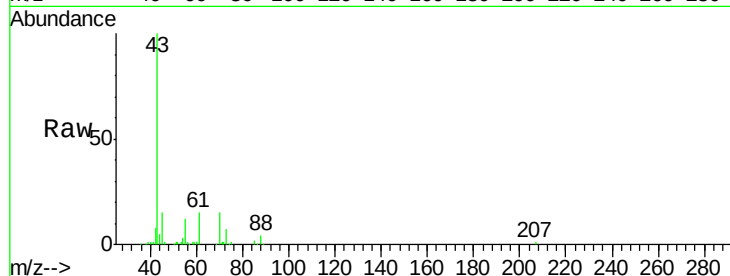




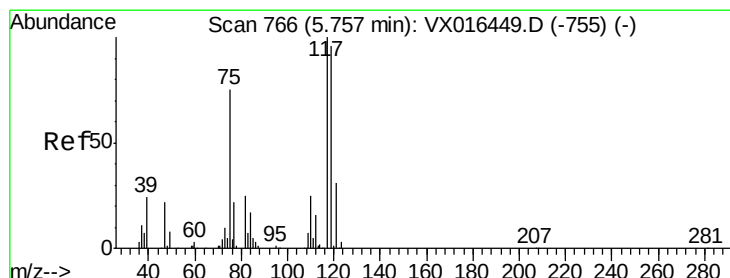
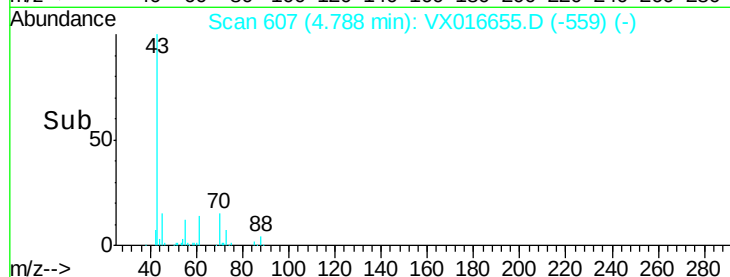
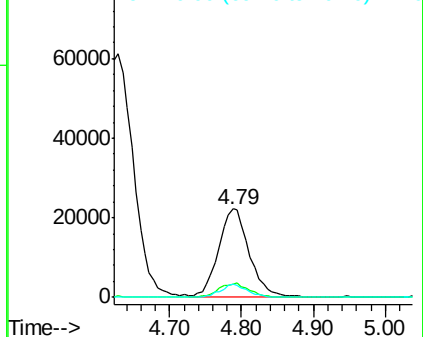
#37
Ethyl Acetate
Concen: 17.233 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBSD01

Tot Ion	43	Resp	65649
Ion Ratio	100		
Lower	11.3		
Upper	16.9		
61	15.9		
70	13.1		
70	13.1	9.3	13.9

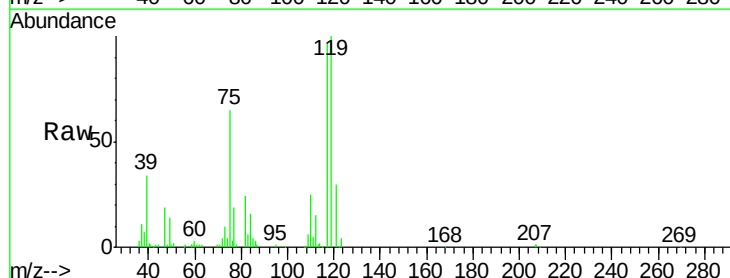


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

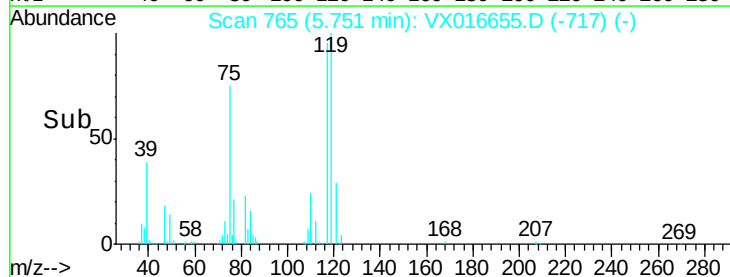
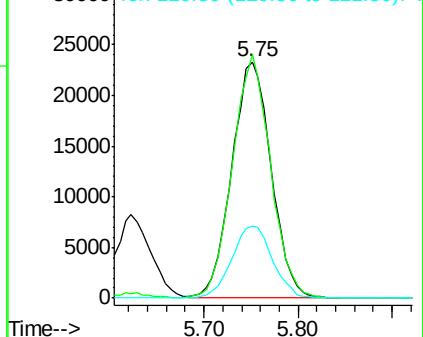


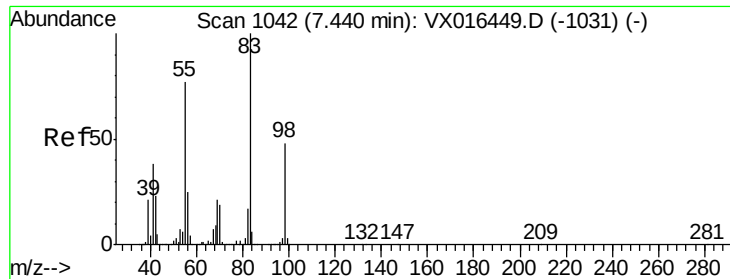
#38
Carbon Tetrachloride
Concen: 20.503 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion	117	Resp	68368
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>76.3</td> <td></td> <td></td>	76.3		
Upper <td>114.5</td> <td></td> <td></td>	114.5		
119	103.2		
121	30.8		
121	30.8	24.6	37.0



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

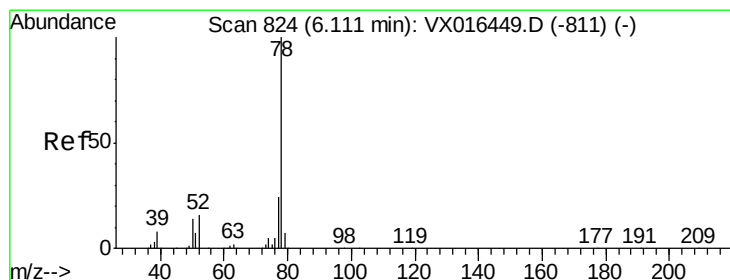
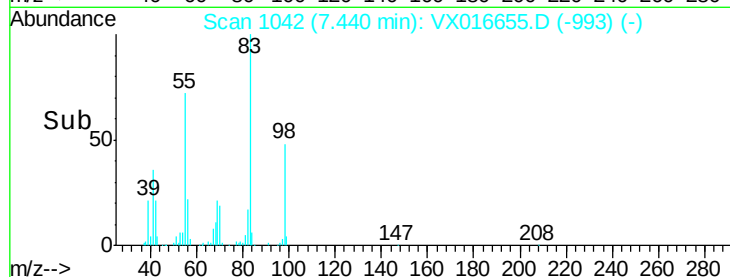
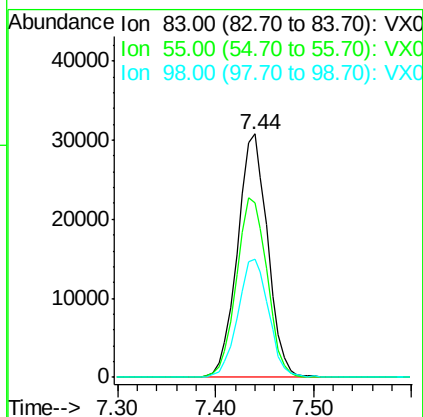
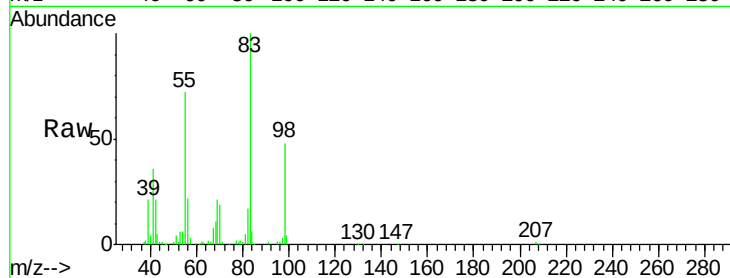




#39
Methylvlcyclohexane
Concen: 19.167 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

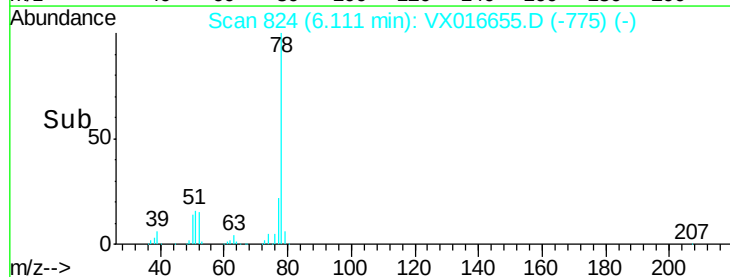
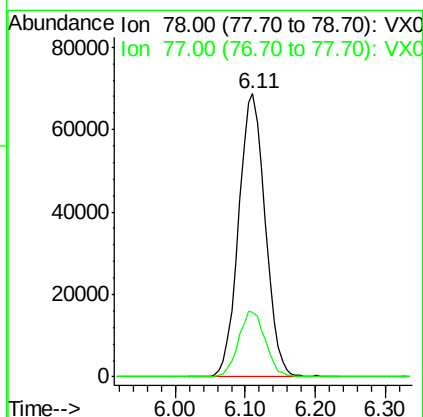
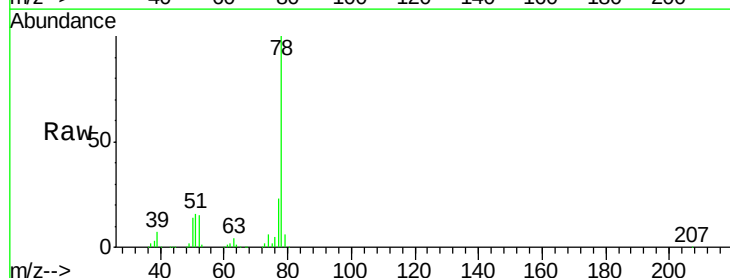
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBSD01

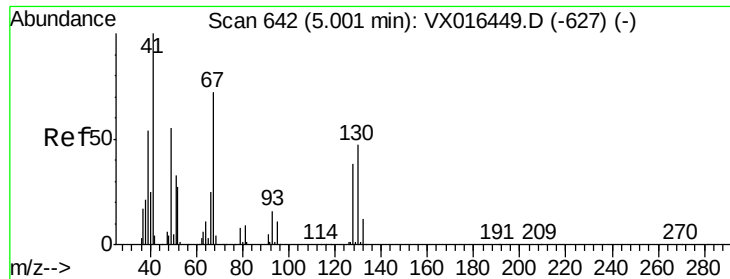
Tot Ion: 83 Resp: 66056
Ion Ratio Lower Upper
83 100
55 71.6 61.7 92.5
98 48.5 38.7 58.1



#40
Benzene
Concen: 19.188 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion: 78 Resp: 181313
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3

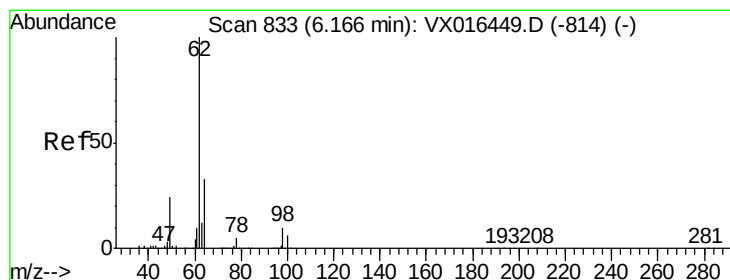
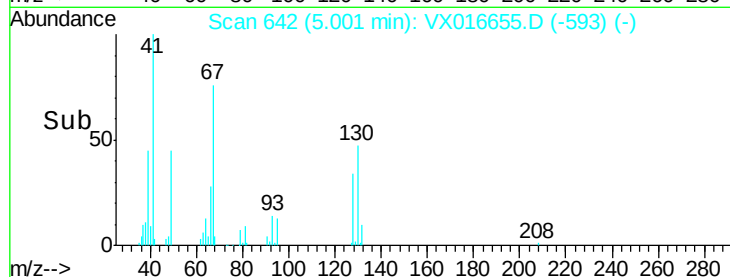
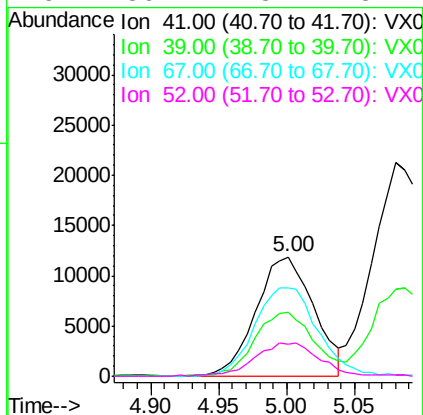
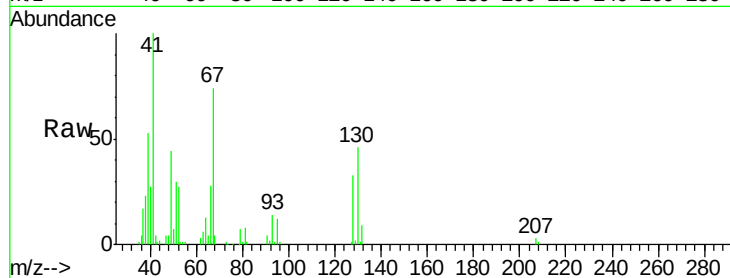




#41
Methacrylonitrile
Concen: 16.878 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

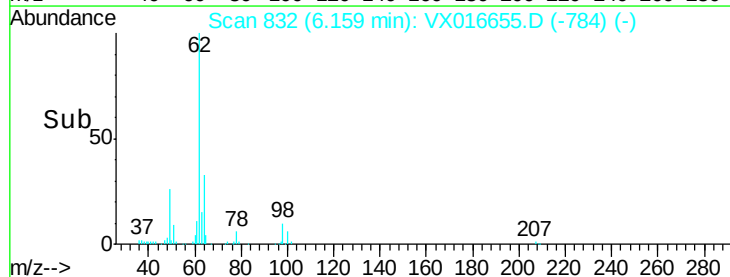
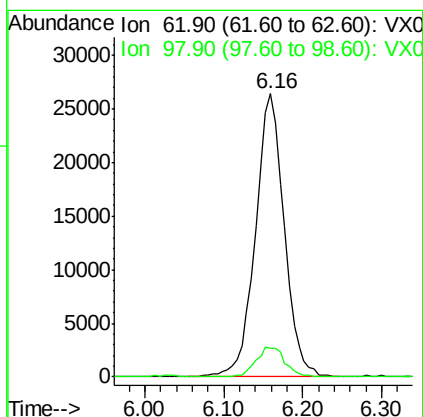
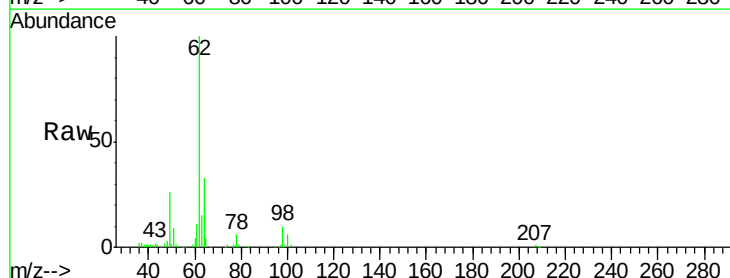
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBSD01

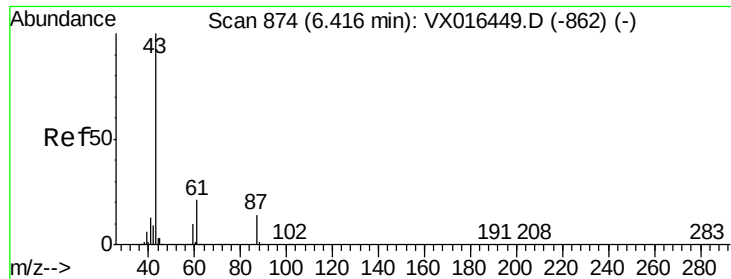
Tot Ion:	41	Resp:	35316
Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.0	64.4
67	80.9	58.9	88.3
52	30.7	23.1	34.7



#42
1,2-Dichloroethane
Concen: 20.010 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion:	62	Resp:	67242
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 17.530 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBSD01

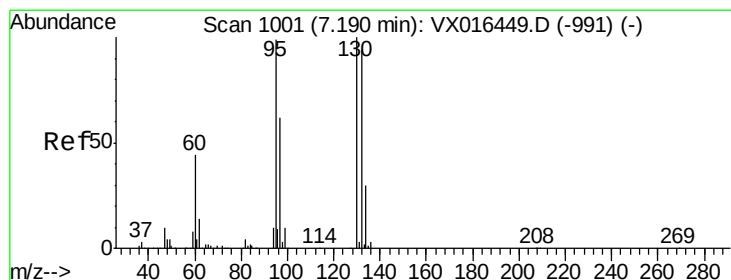
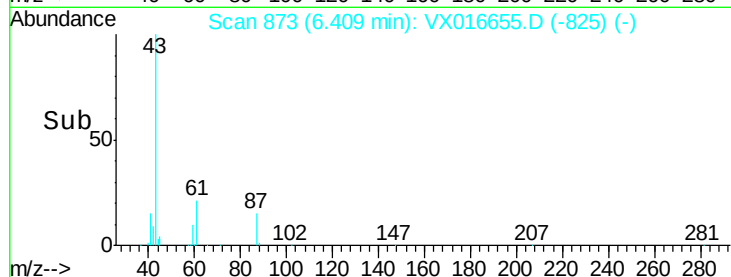
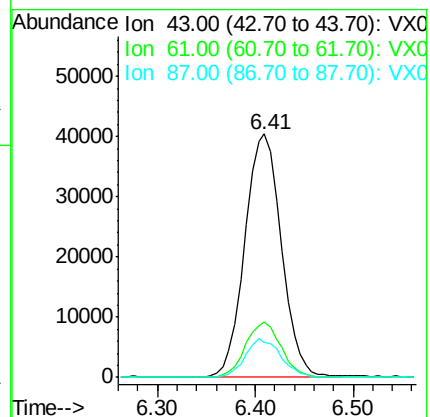
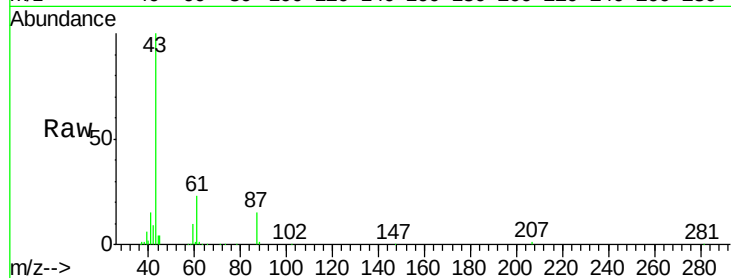
Tot Ion: 43 Resp: 104164

Ion Ratio Lower Upper

43 100

61 22.4 16.8 25.2

87 15.5 11.2 16.8



#44

Trichloroethene

Concen: 20.520 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016655.D

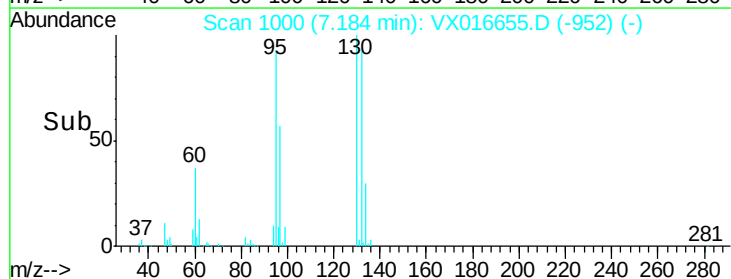
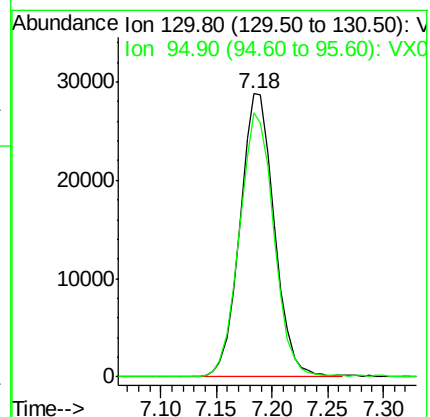
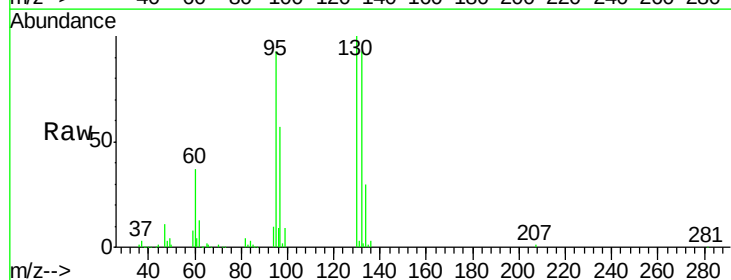
Acq: 09 Jun 2020 11:34

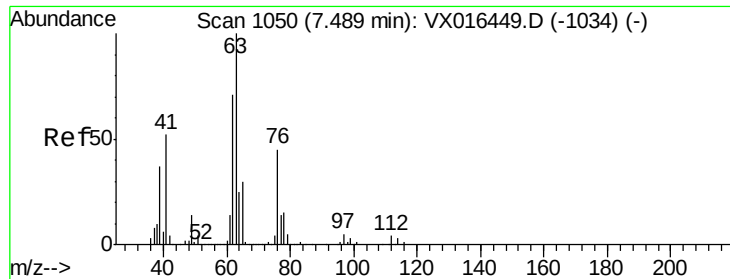
Tgt Ion:130 Resp: 61518

Ion Ratio Lower Upper

130 100

95 93.1 0.0 198.2

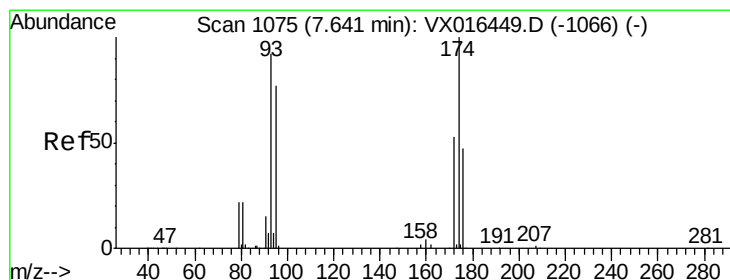
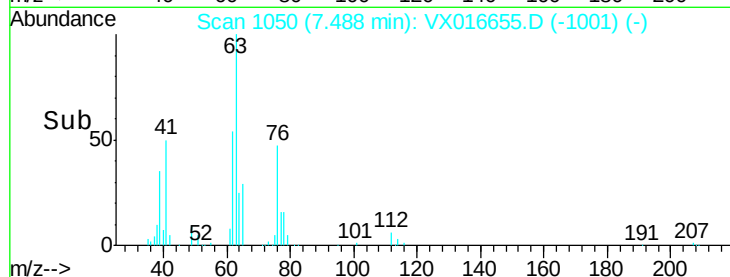
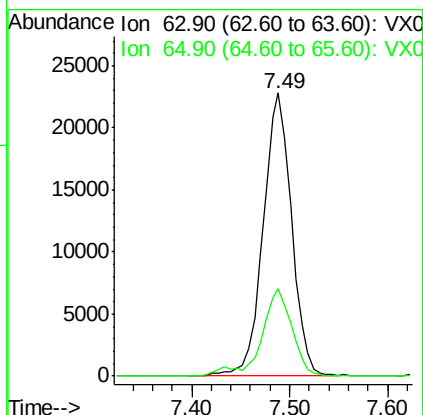
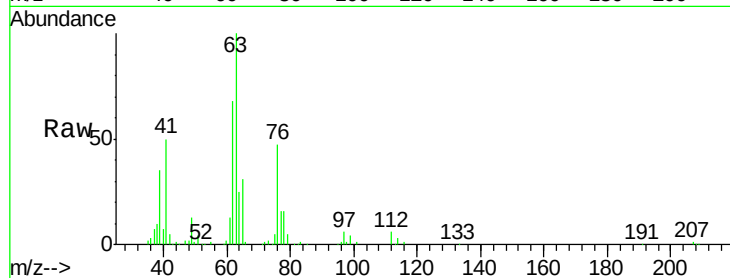




#45
 1,2-Dichloropropane
 Concen: 19.160 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

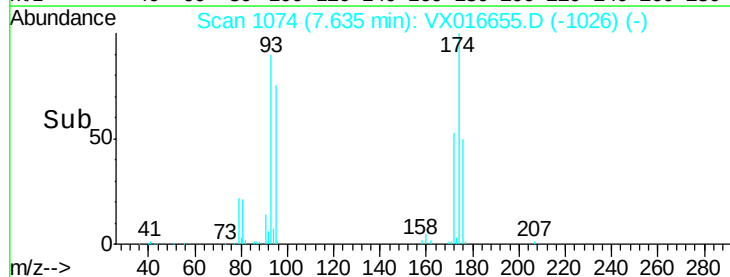
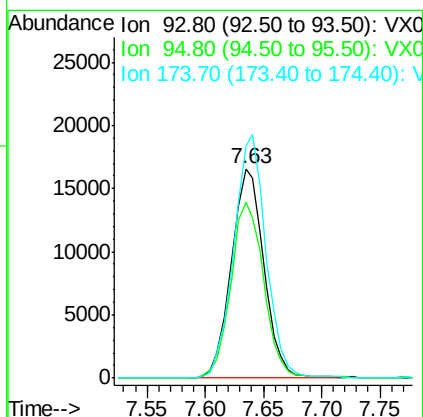
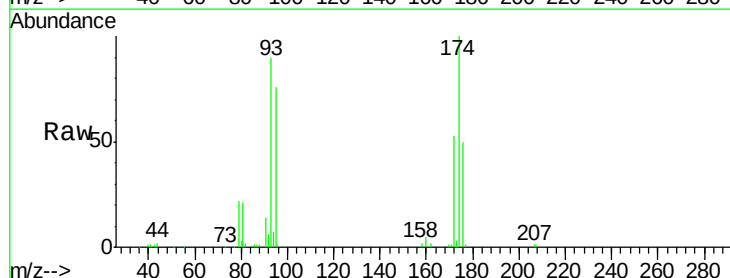
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBSD01

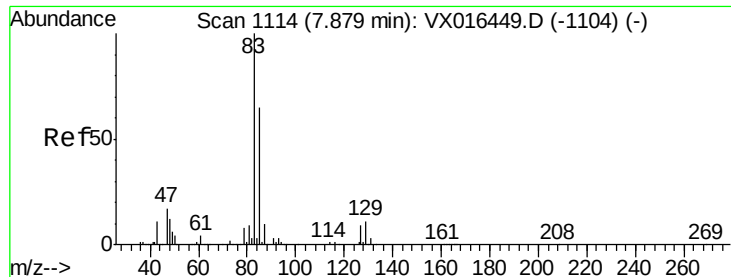
Tot Ion: 63 Resp: 46091
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.2 36.2



#46
 Dibromomethane
 Concen: 19.992 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

Tgt Ion: 93 Resp: 32302
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.6 100.0
 174 114.8 86.2 129.4





#47

Bromodichloromethane

Concen: 20.484 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBSD01

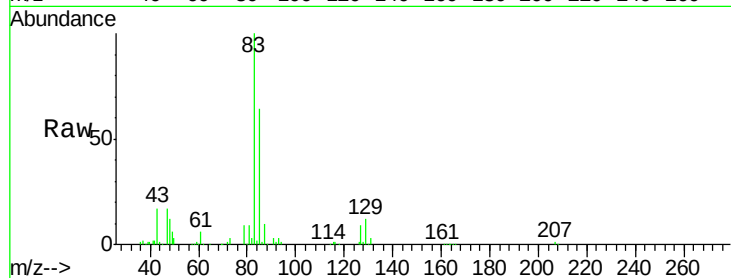
Tot Ion: 83 Resp: 68528

Ion Ratio Lower Upper

83 100

85 63.6 52.0 78.0

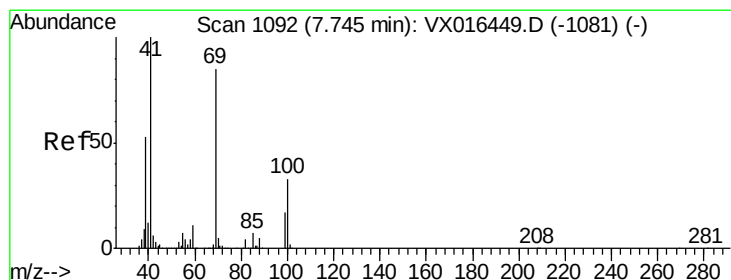
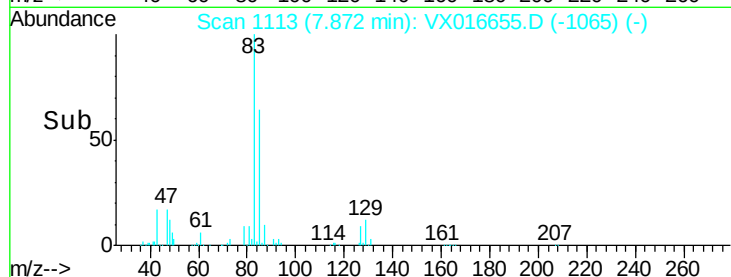
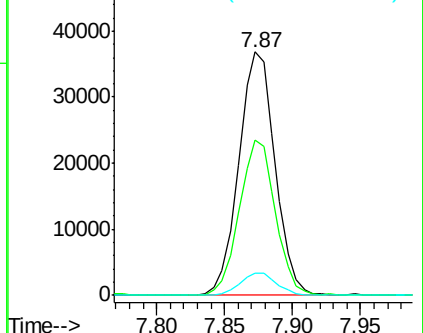
127 9.1 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.359 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

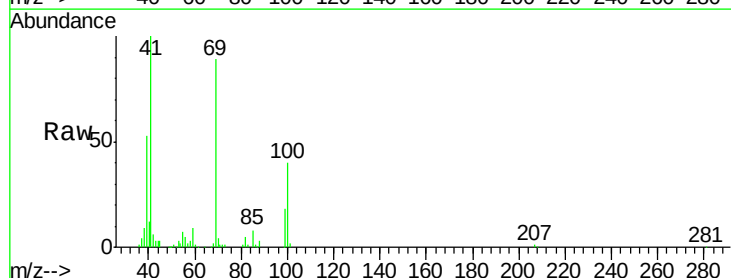
Tgt Ion: 41 Resp: 49387

Ion Ratio Lower Upper

41 100

69 92.1 68.6 102.8

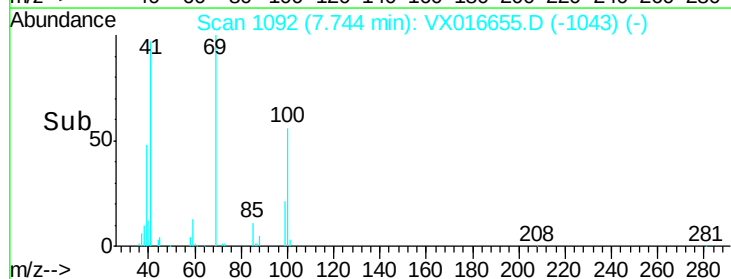
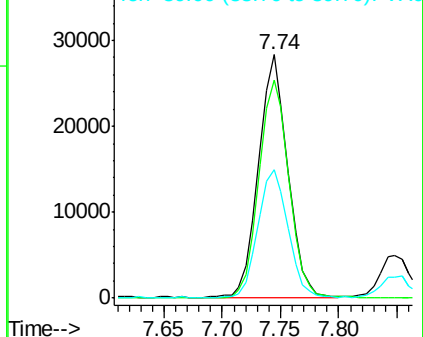
39 54.0 42.4 63.6

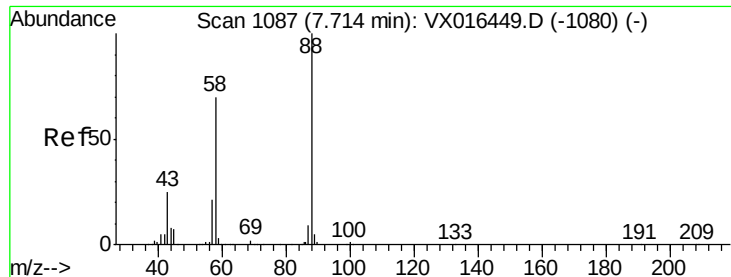


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

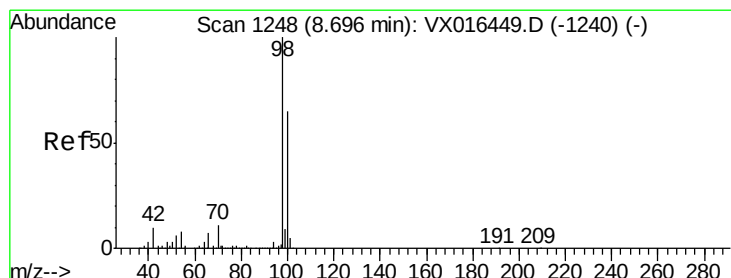
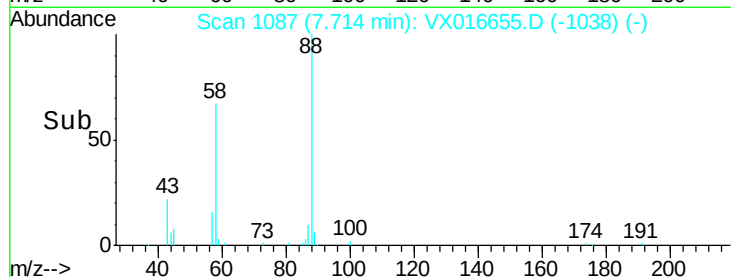
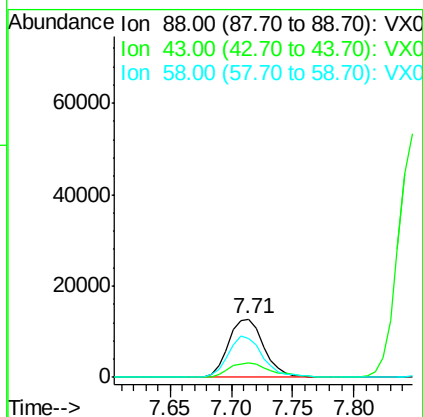
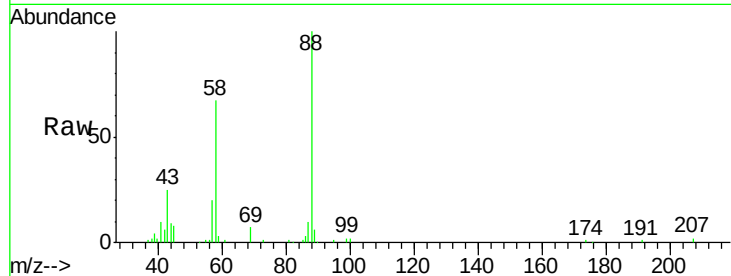




#49
1,4-Dioxane
Concen: 385.299 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

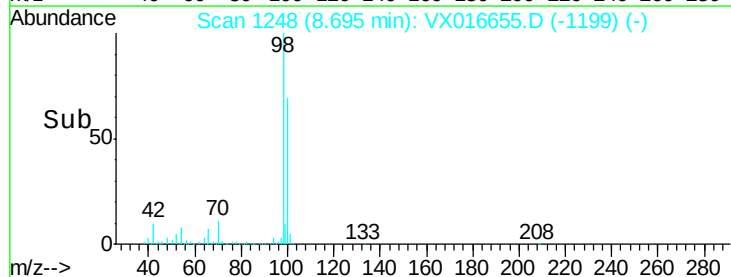
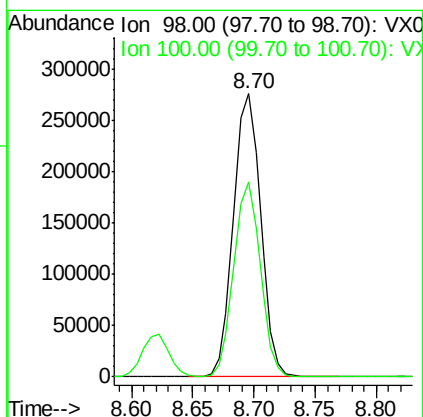
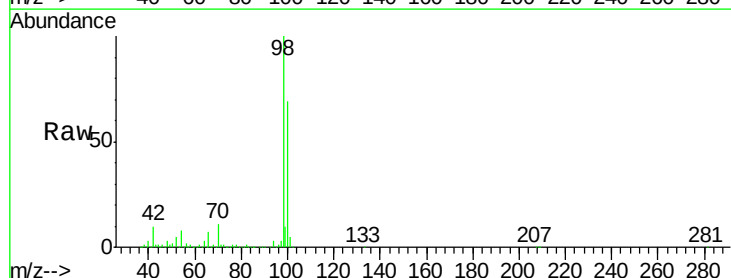
Instrument :
MSVOA_X
ClientSampled :
VX0609WBSD01

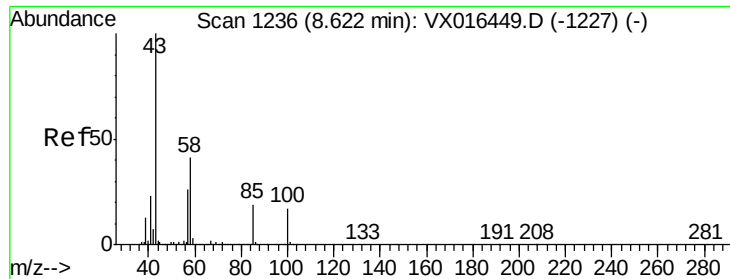
Tot Ion: 88 Resp: 25654
Ion Ratio Lower Upper
88 100
43 30.6 24.2 36.4
58 69.2 56.5 84.7



#50
Toluene-d8
Concen: 52.999 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion: 98 Resp: 425675
Ion Ratio Lower Upper
98 100
100 67.0 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 90.711 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

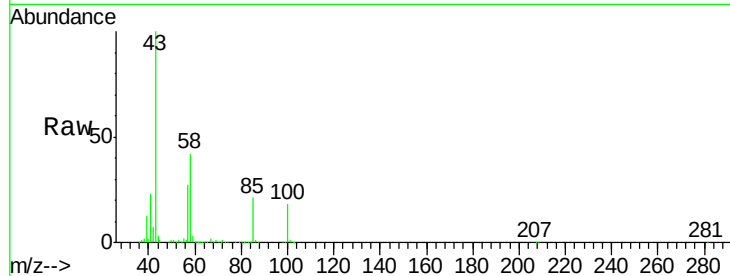
VX0609WBSD01

Tot Ion: 43 Resp: 335624

Ion Ratio Lower Upper

43 100

58 42.2 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

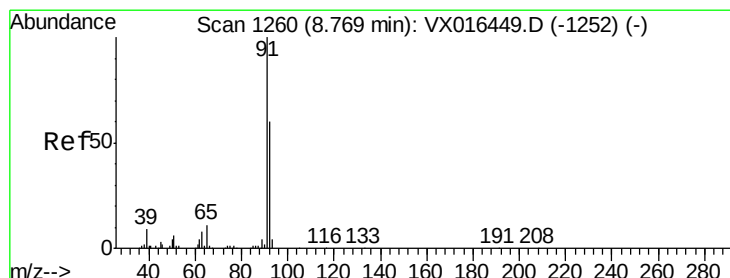
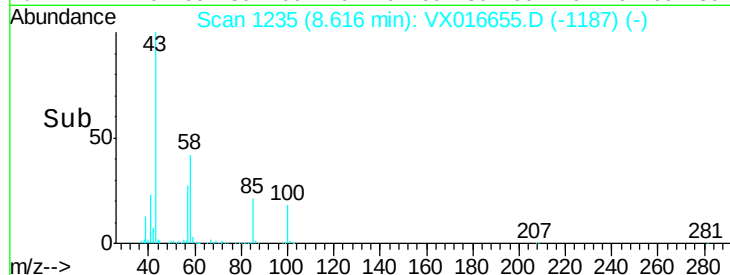
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.952 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016655.D

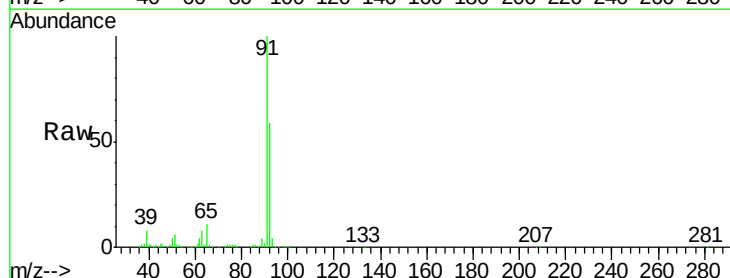
Acq: 09 Jun 2020 11:34

Tgt Ion: 92 Resp: 118884

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

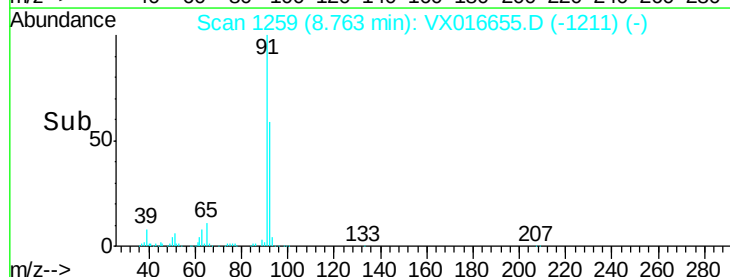
150000

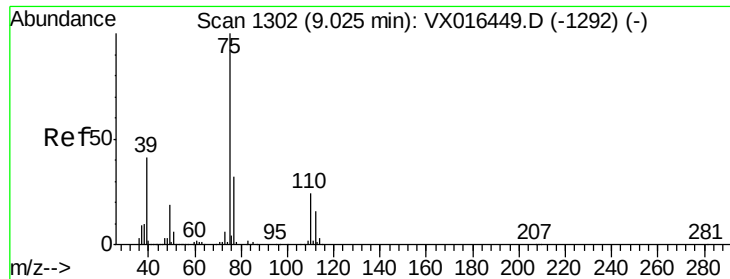
100000

50000

0

Time-->

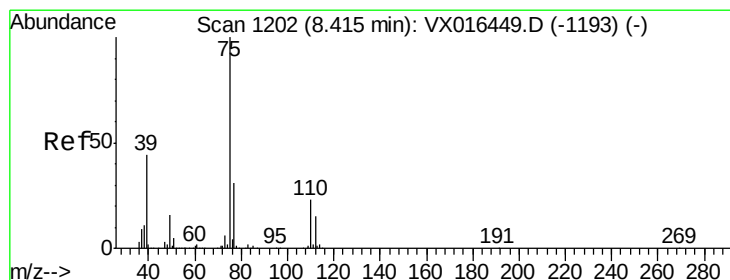
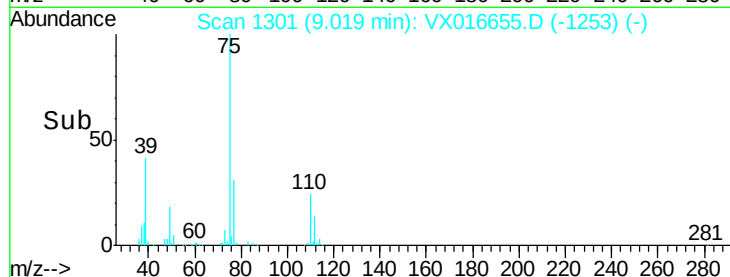
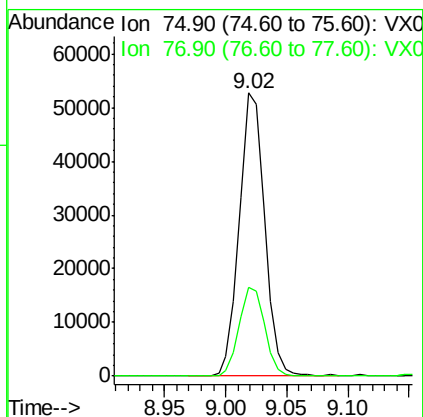
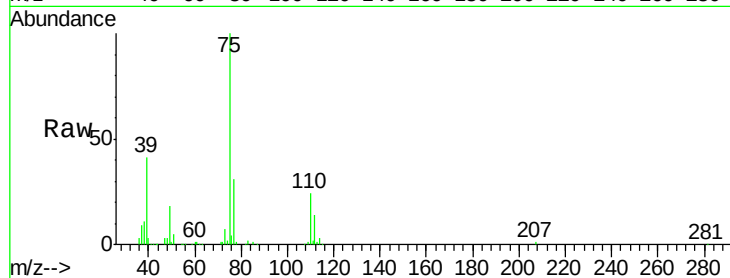




#53
t-1,3-Dichloropropene
Concen: 20.024 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

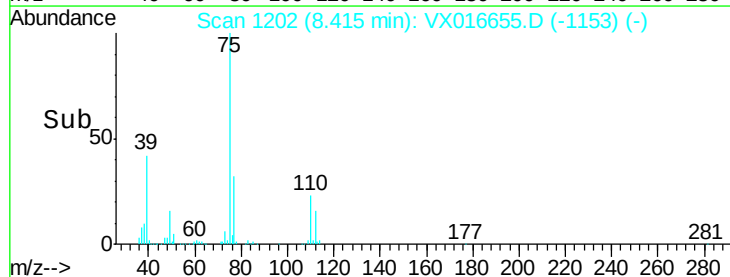
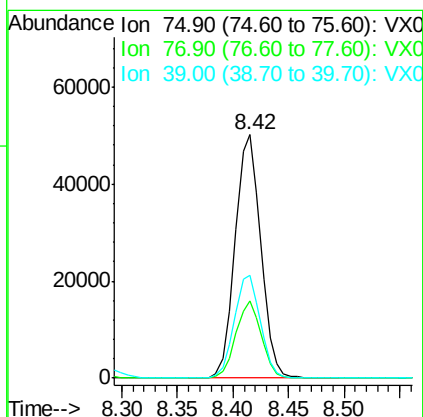
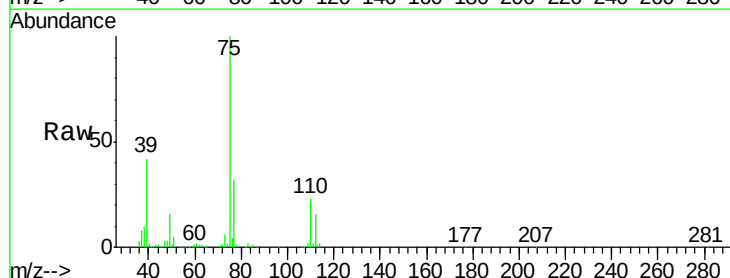
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBSD01

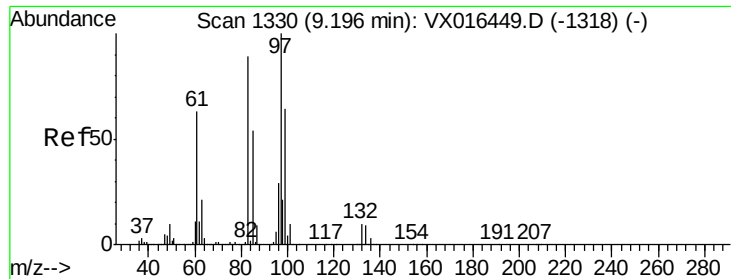
Tot Ion: 75 Resp: 76175
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 19.858 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion: 75 Resp: 79960
Ion Ratio Lower Upper
75 100
77 31.9 24.6 36.8
39 42.0 35.3 52.9

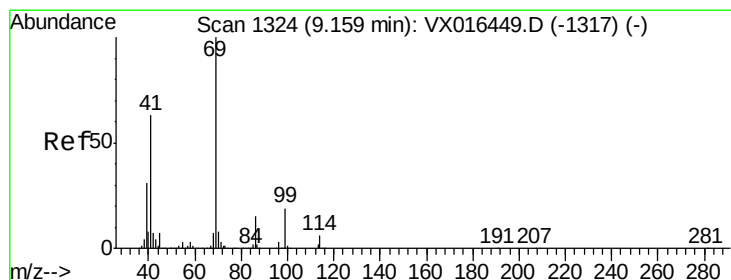
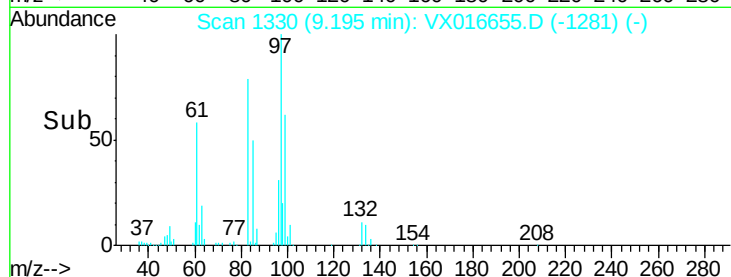
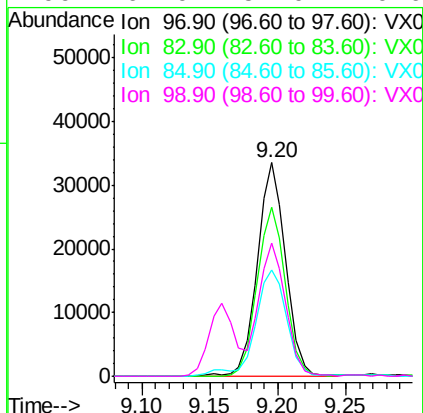
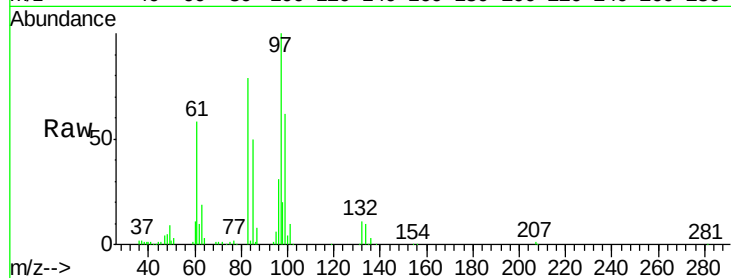




#55
 1,1,2-Trichloroethane
 Concen: 20.656 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

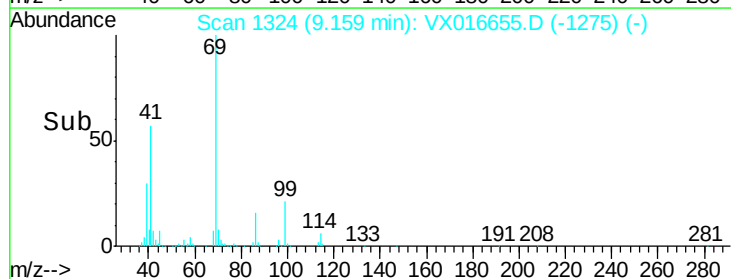
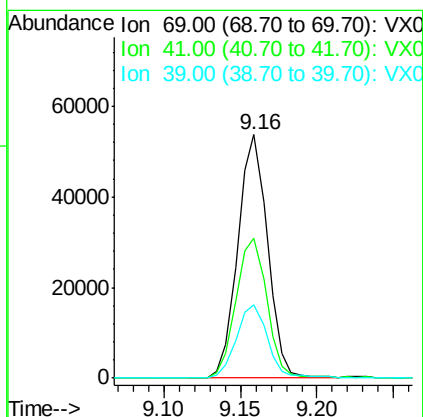
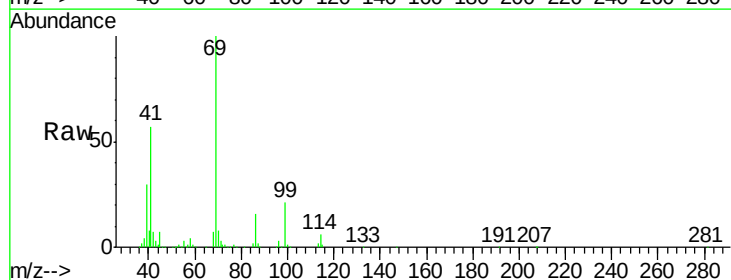
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBSD01

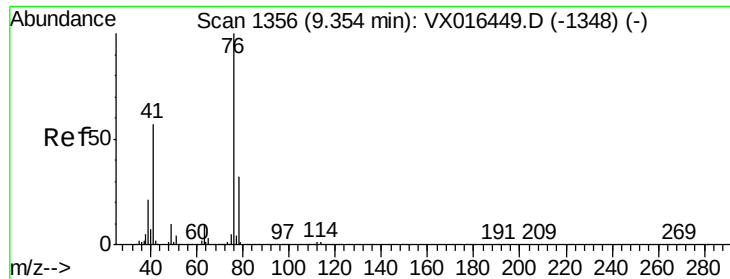
Tot Ion:	97	Resp:	48937
Ion	Ratio	Lower	Upper
97	100		
83	79.3	70.9	106.3
85	49.7	43.4	65.2
99	62.0	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 18.845 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

Tgt Ion:	69	Resp:	72712
Ion	Ratio	Lower	Upper
69	100		
41	59.8	50.7	76.1
39	31.2	25.8	38.6

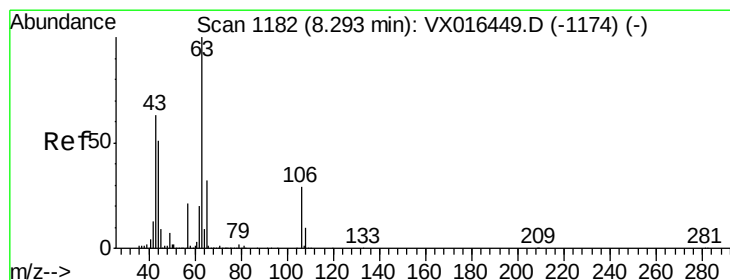
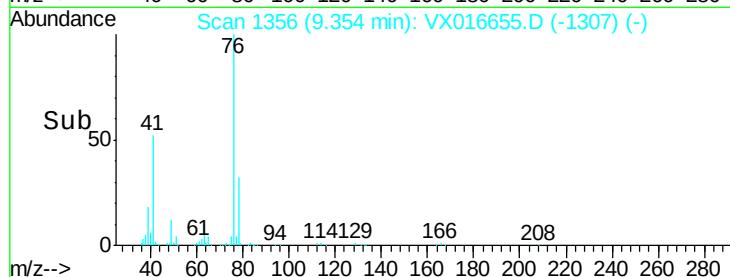
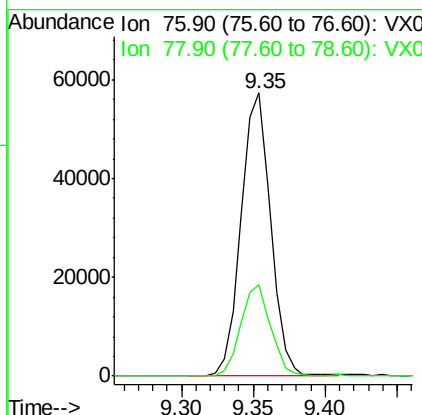
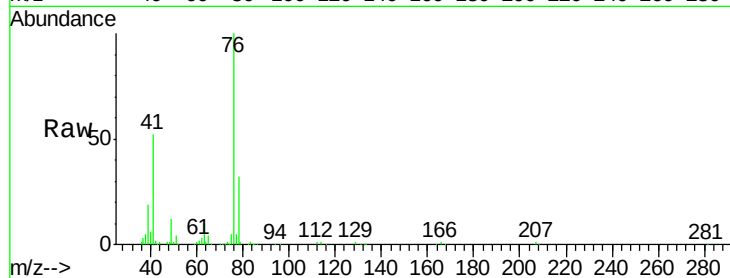




#57
 1,3-Dichloropropane
 Concen: 20.151 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

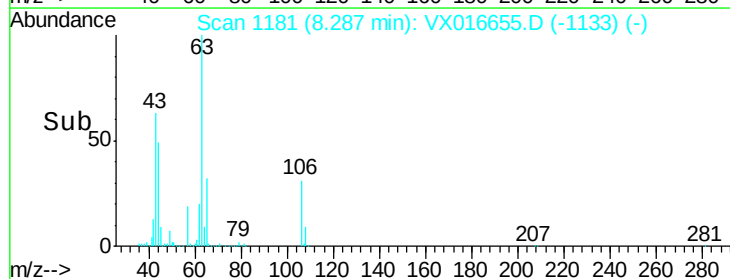
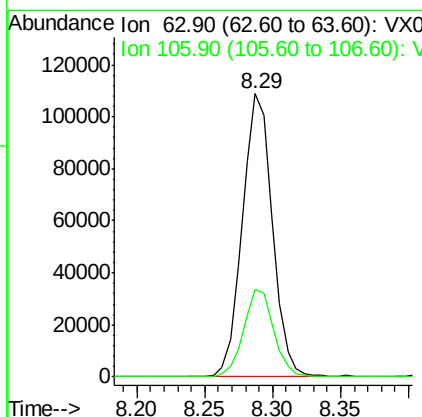
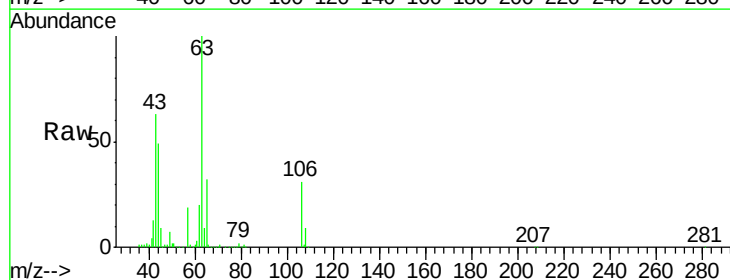
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBSD01

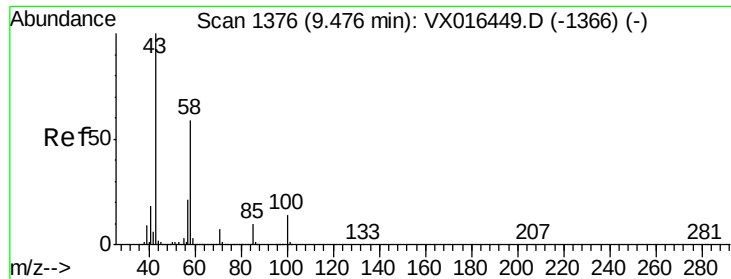
Tot Ion: 76 Resp: 81942
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 83.716 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

Tgt Ion: 63 Resp: 168598
 Ion Ratio Lower Upper
 63 100
 106 30.9 23.2 34.8

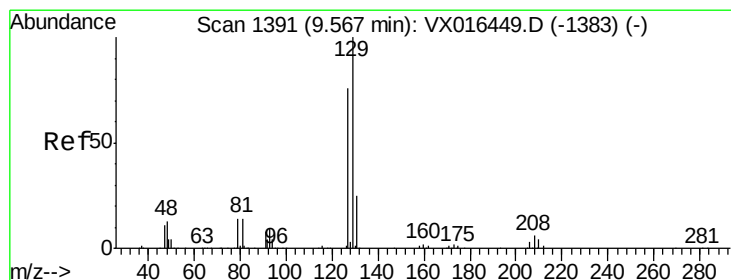
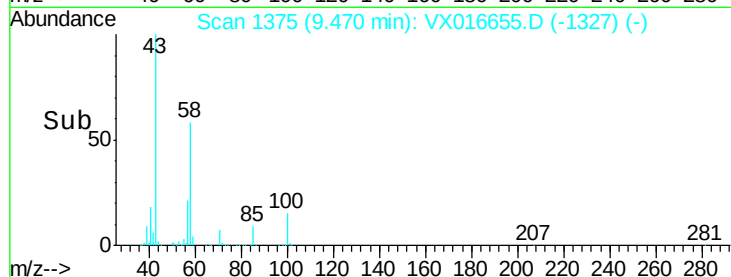
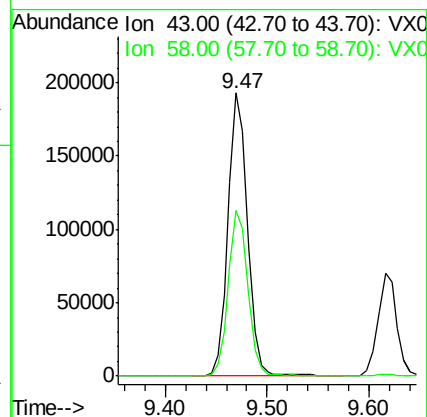
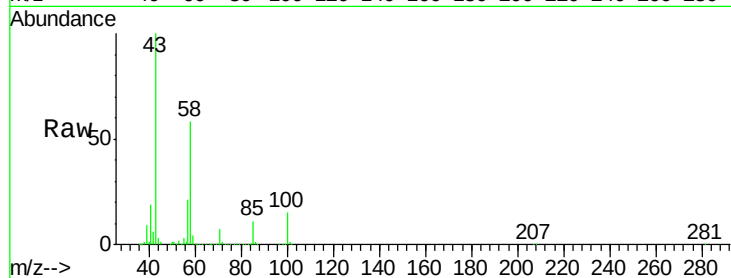




#59
2-Hexanone
Concen: 89.129 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

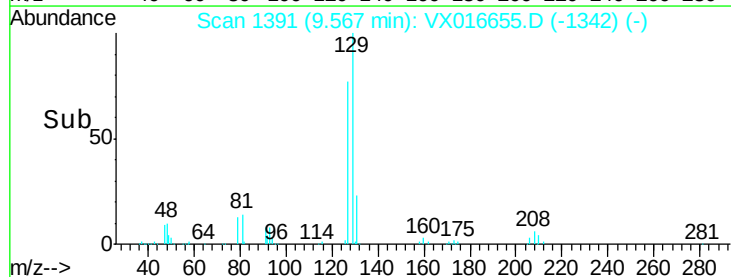
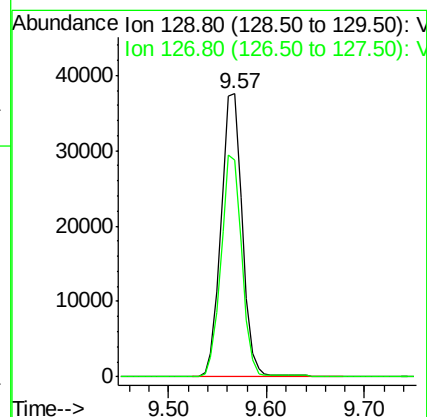
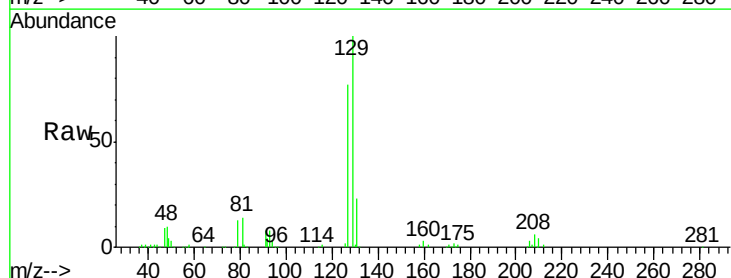
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBSD01

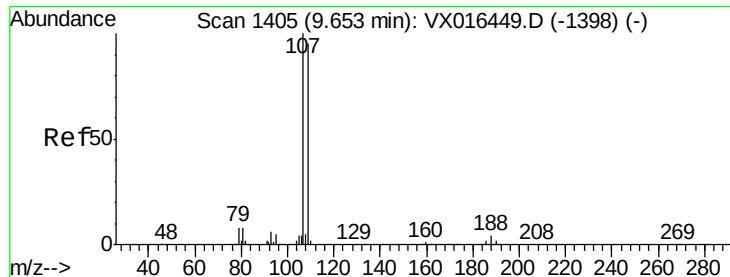
Tot Ion: 43 Resp: 256449
Ion Ratio Lower Upper
43 100
58 59.3 28.8 86.4



#60
Dibromochloromethane
Concen: 21.364 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion: 129 Resp: 56959
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.744 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

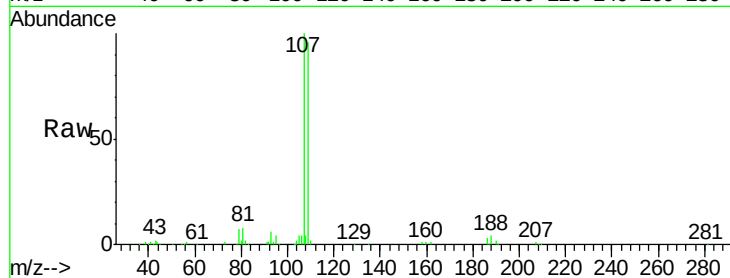
VX0609WBSD01

Tot Ion:107 Resp: 52626

Ion Ratio Lower Upper

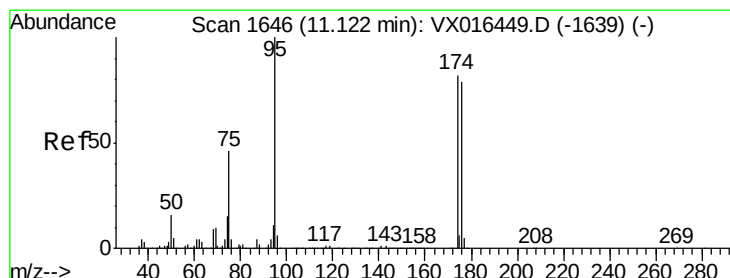
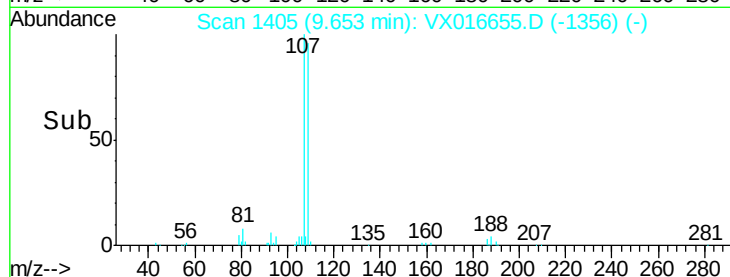
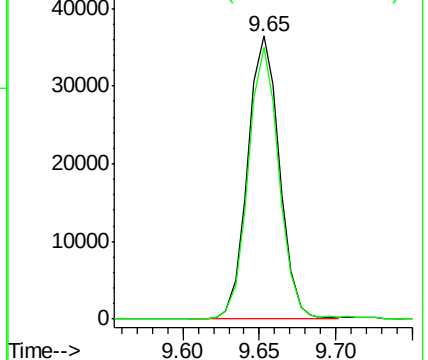
107 100

109 94.3 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: 52.377 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

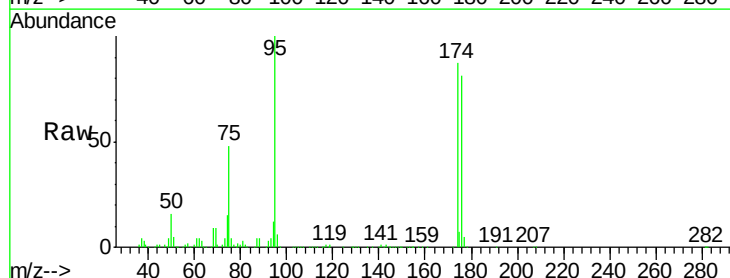
Tgt Ion: 95 Resp: 162549

Ion Ratio Lower Upper

95 100

174 85.5 0.0 163.0

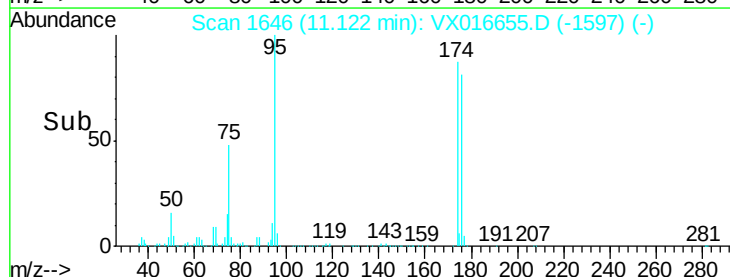
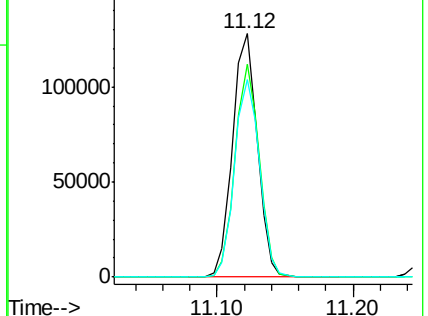
176 81.8 0.0 156.8

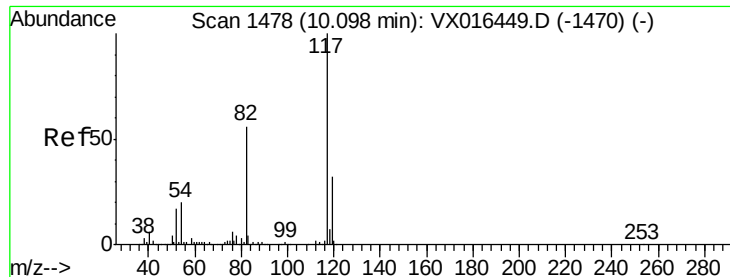


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

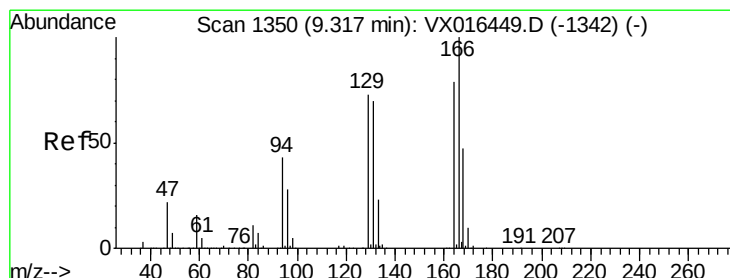
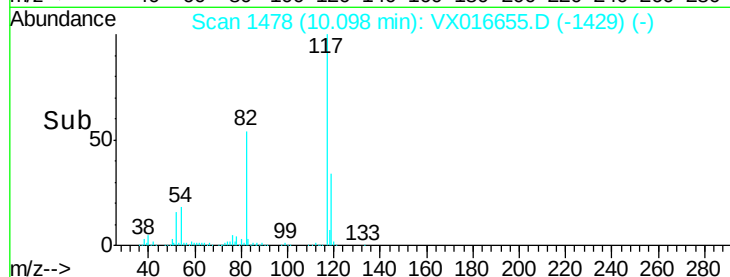
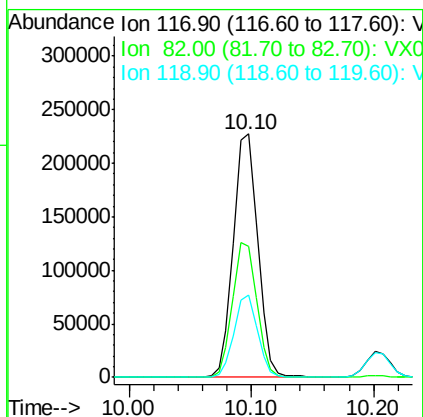
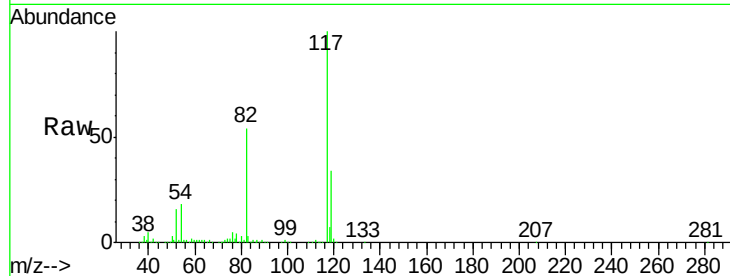




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

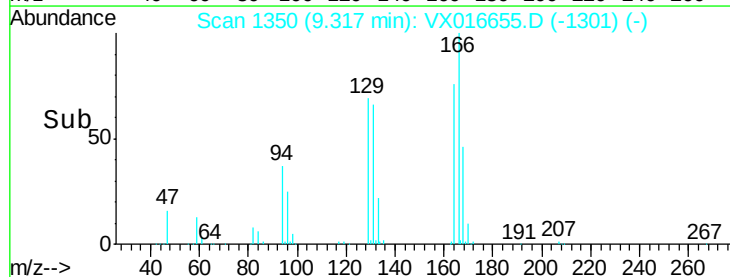
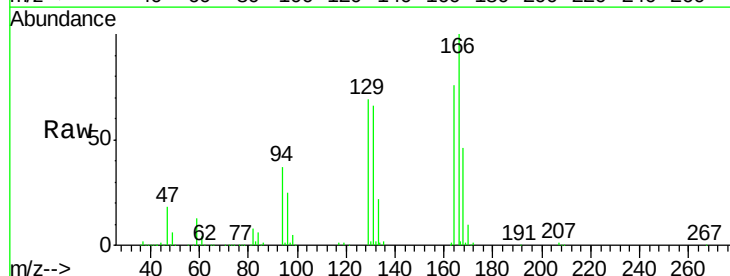
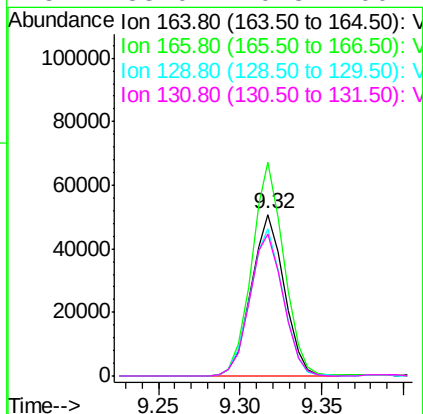
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBSD01

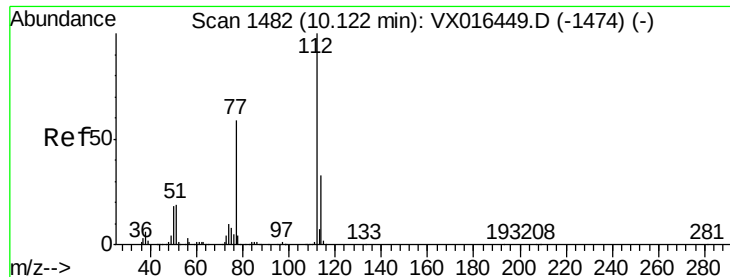
Tot Ion:117 Resp: 313560
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.6
119 33.6 25.8 38.8



#64
Tetrachloroethene
Concen: 20.371 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion:164 Resp: 71464
Ion Ratio Lower Upper
164 100
166 132.4 100.9 151.3
129 91.0 73.2 109.8
131 88.0 70.8 106.2





#65

Chlorobenzene

Concen: 19.846 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

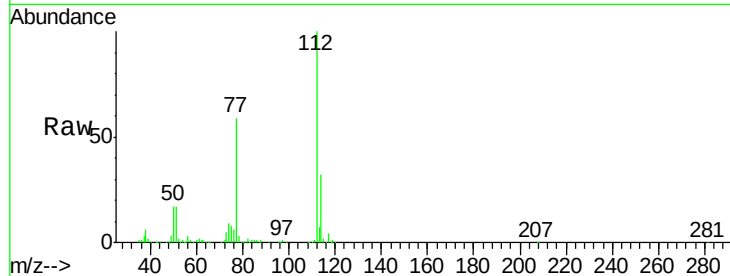
VX0609WBSD01

Tot Ion:112 Resp: 126868

Ion Ratio Lower Upper

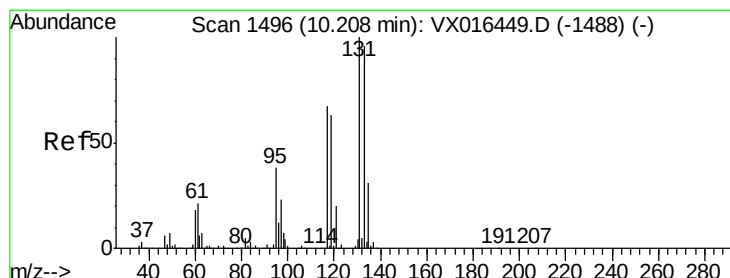
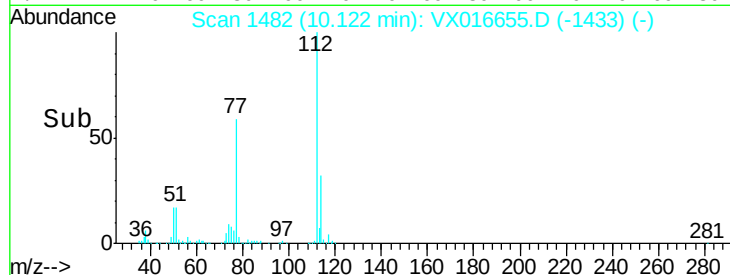
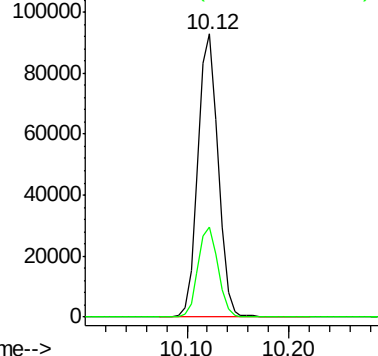
112 100

114 32.0 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.907 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

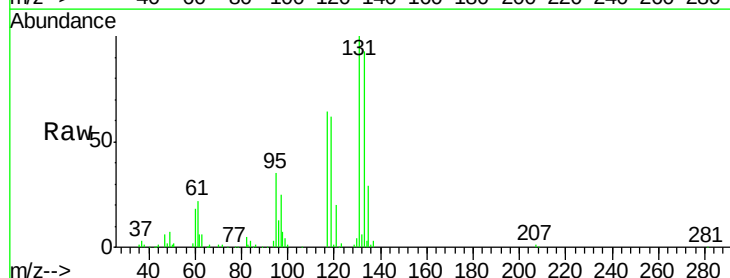
Tgt Ion:131 Resp: 51018

Ion Ratio Lower Upper

131 100

133 95.8 48.4 145.3

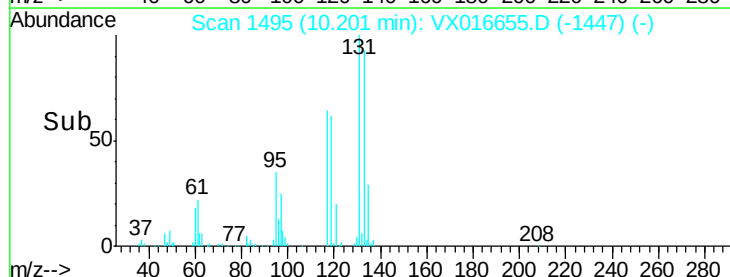
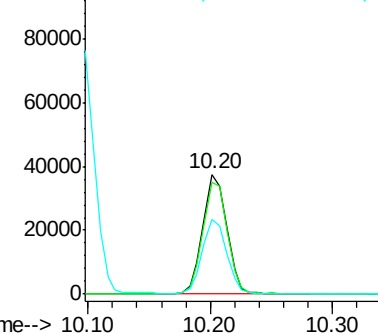
119 64.2 32.0 96.2

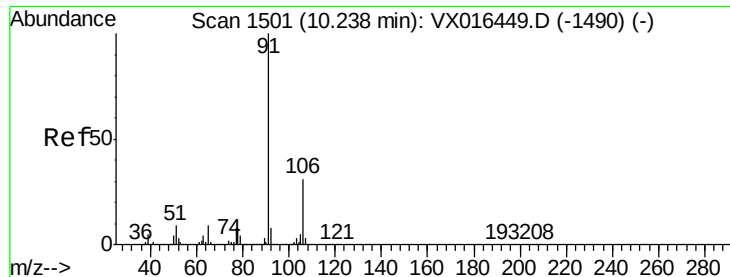


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

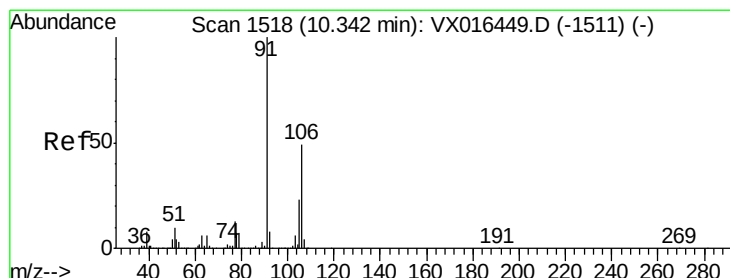
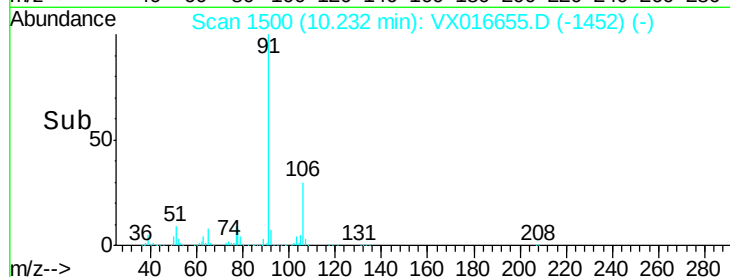
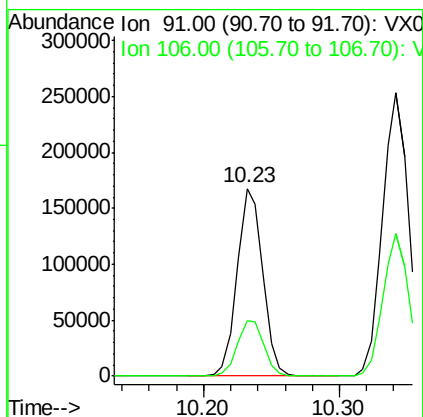
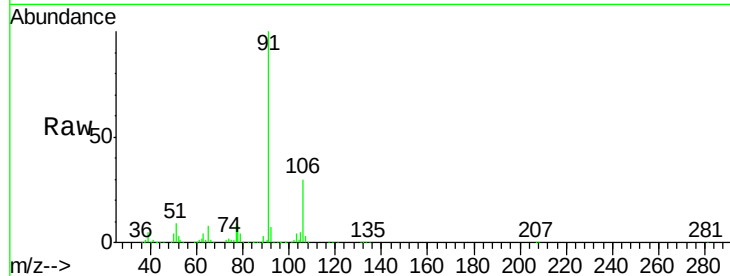




#67
Ethyl Benzene
Concen: 19.256 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

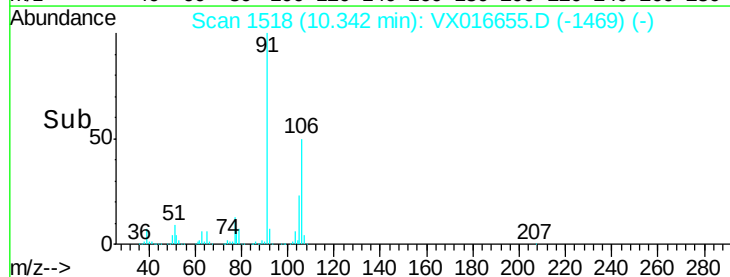
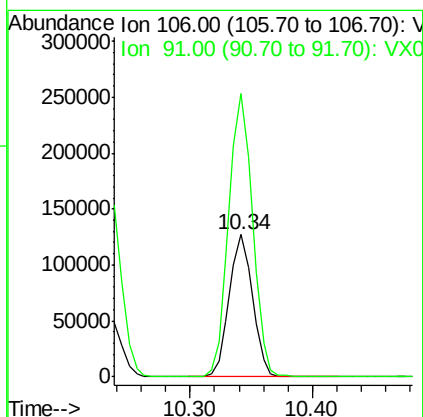
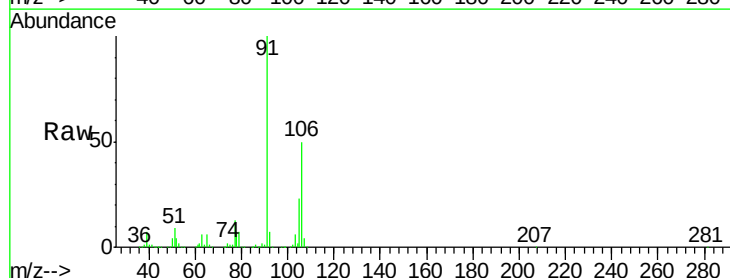
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBSD01

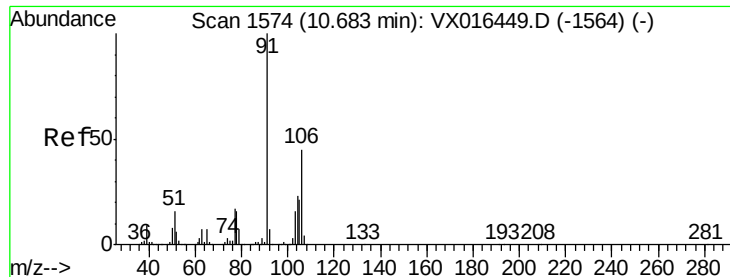
Tot Ion: 91 Resp: 219167
Ion Ratio Lower Upper
91 100
106 29.7 25.0 37.4



#68
m/p-Xylenes
Concen: 39.932 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion: 106 Resp: 168513
Ion Ratio Lower Upper
106 100
91 202.3 163.8 245.8

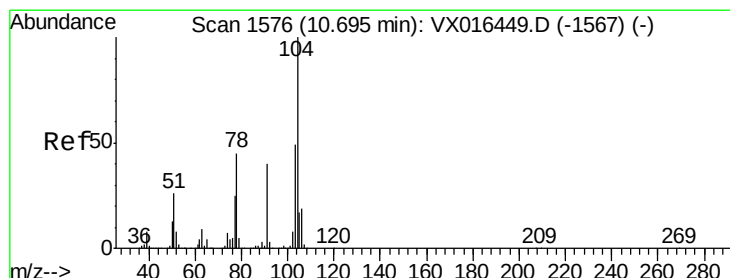
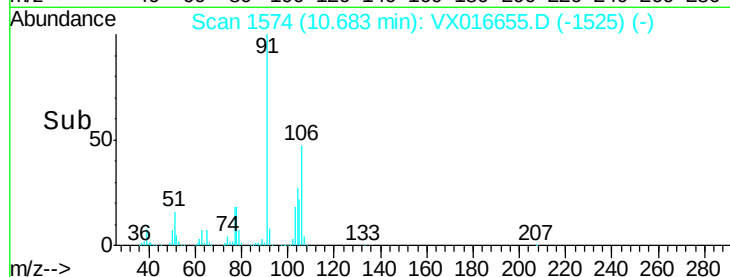
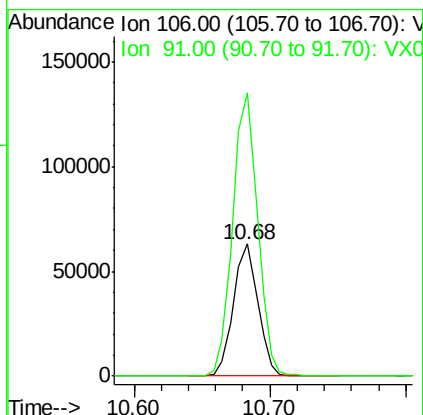
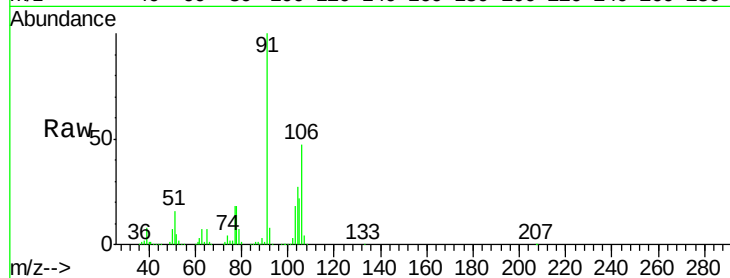




#69
o-Xylene
Concen: 19.516 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

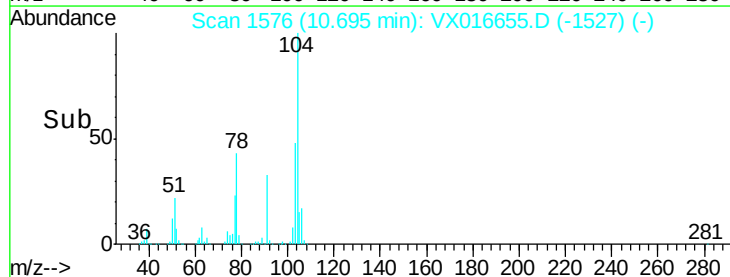
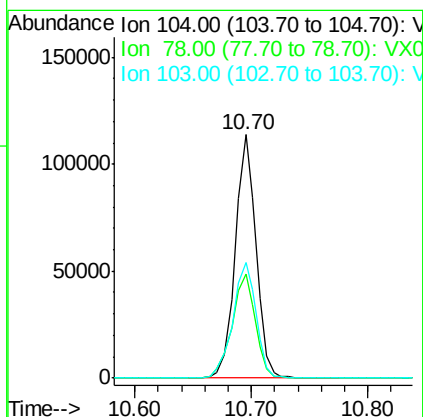
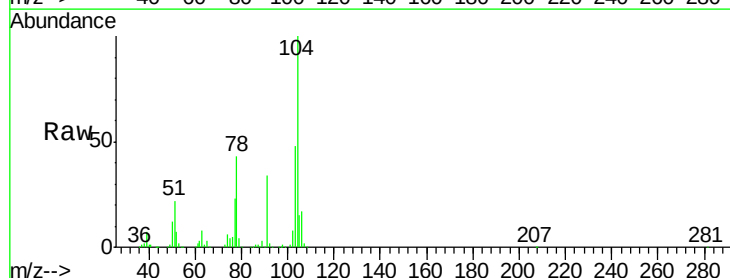
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBSD01

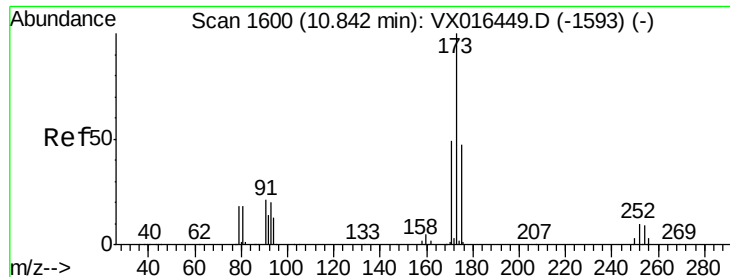
Tot Ion:106 Resp: 79757
Ion Ratio Lower Upper
106 100
91 217.8 109.6 328.8



#70
Styrene
Concen: 20.095 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion:104 Resp: 141160
Ion Ratio Lower Upper
104 100
78 48.3 40.2 60.2
103 53.6 43.1 64.7





#71

Bromoform

Concen: 21.444 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBSD01

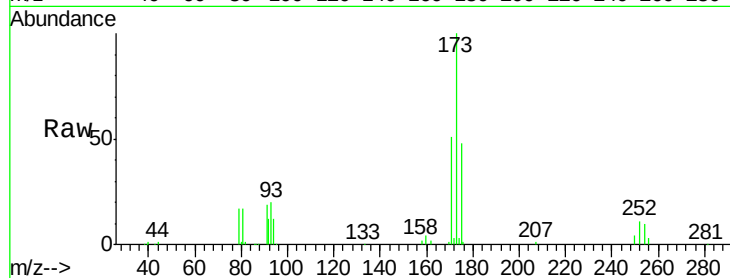
Tot Ion:173 Resp: 44225

Ion Ratio Lower Upper

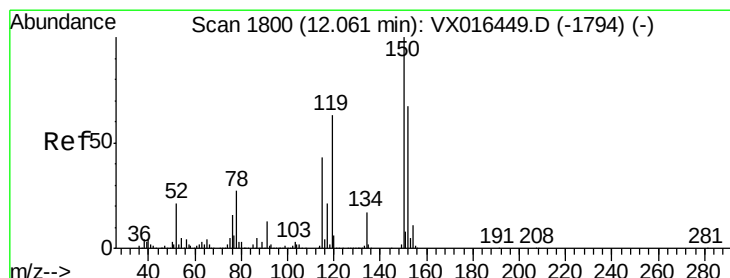
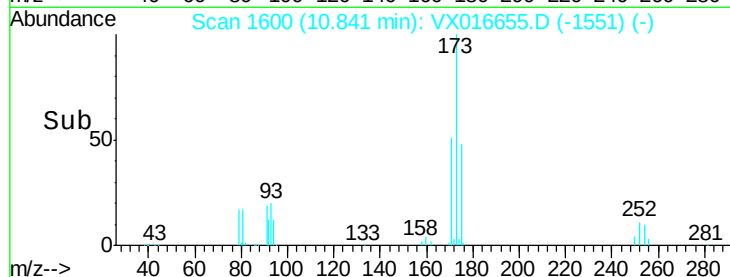
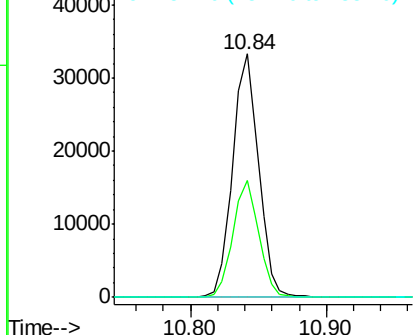
173 100

175 47.9 23.9 71.7

254 0.1 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: VX016655.D

Acq: 09 Jun 2020 11:34

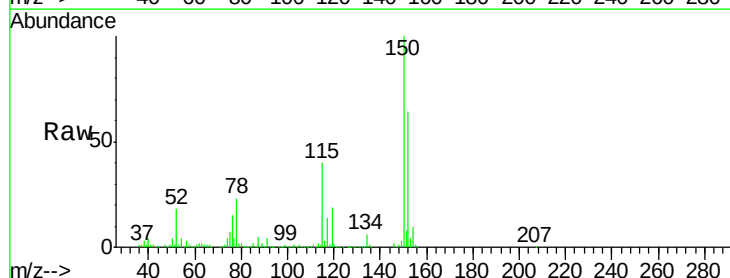
Tgt Ion:152 Resp: 160236

Ion Ratio Lower Upper

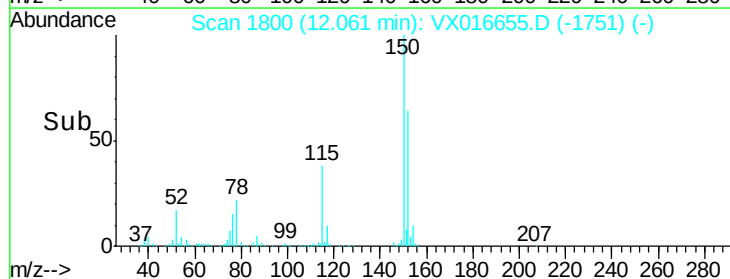
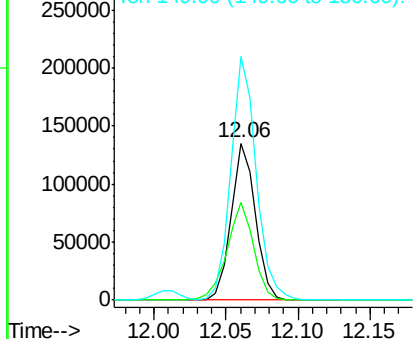
152 100

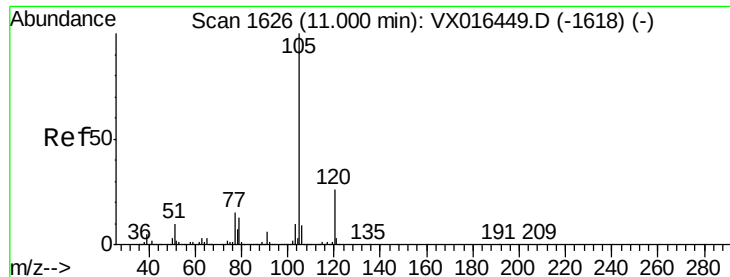
115 67.5 39.9 119.6

150 162.8 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: 19.618 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

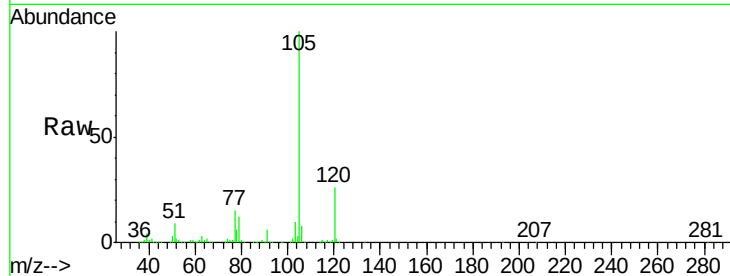
VX0609WBSD01

Tot Ion: 105 Resp: 217811

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

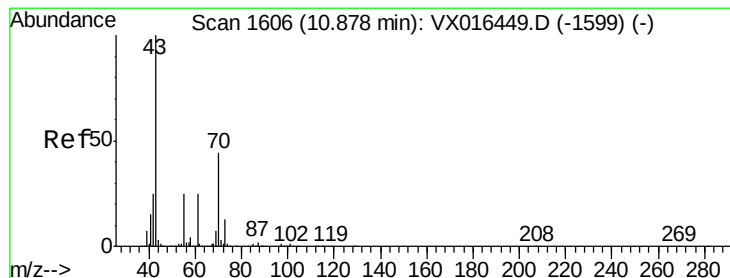
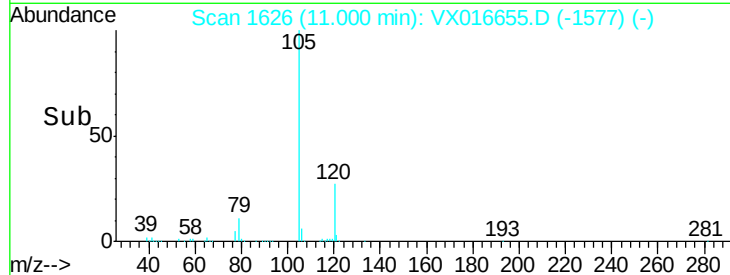
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 16.676 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Tgt Ion: 43 Resp: 85162

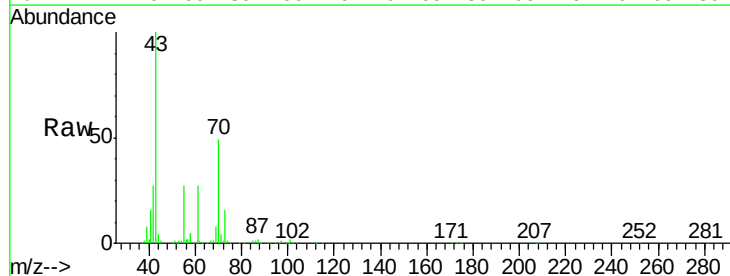
Ion Ratio Lower Upper

43 100

70 49.5 36.1 54.1

55 27.2 20.2 30.4

61 26.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

40000

20000

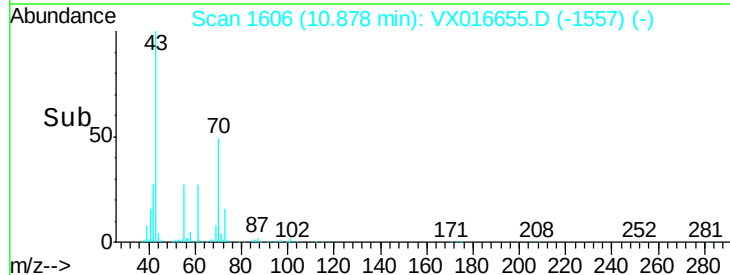
0

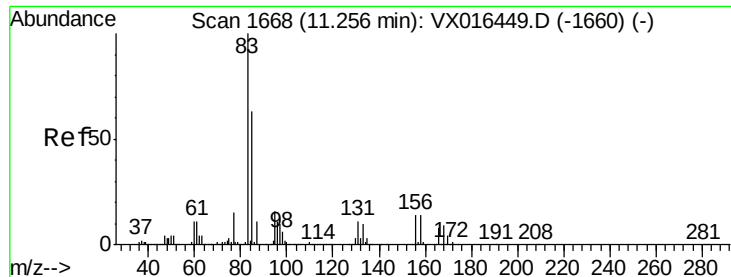
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.557 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBSD01

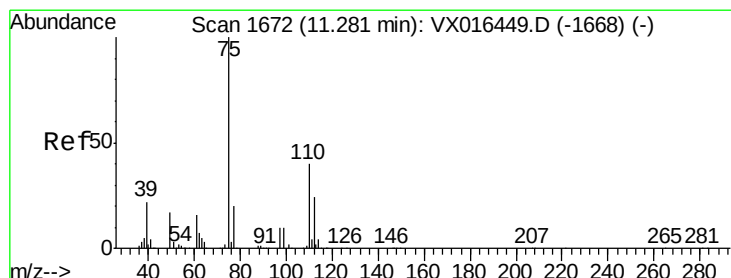
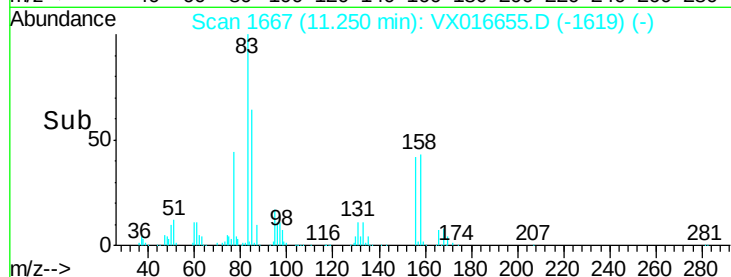
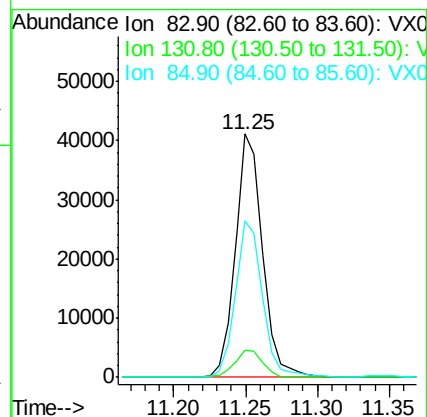
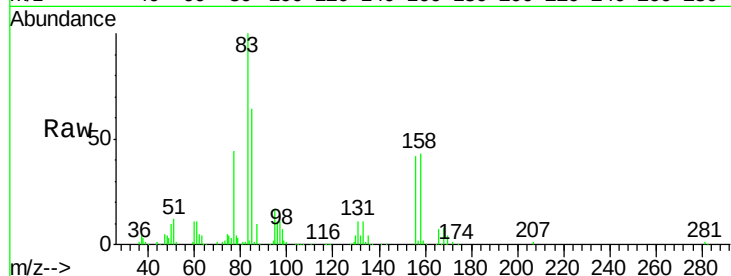
Tot Ion: 83 Resp: 54417

Ion Ratio Lower Upper

83 100

131 11.8 5.1 15.3

85 64.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 25.279 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016655.D

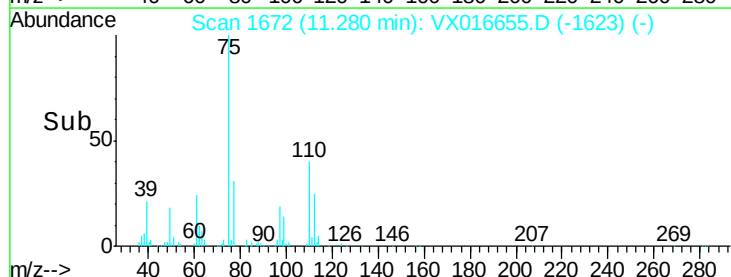
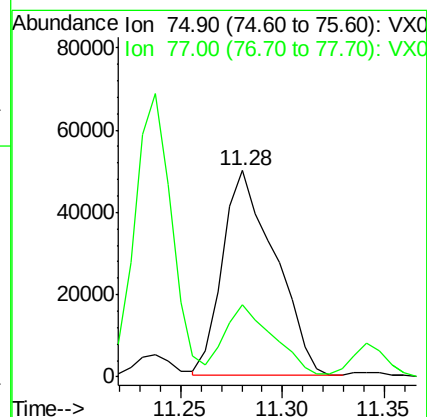
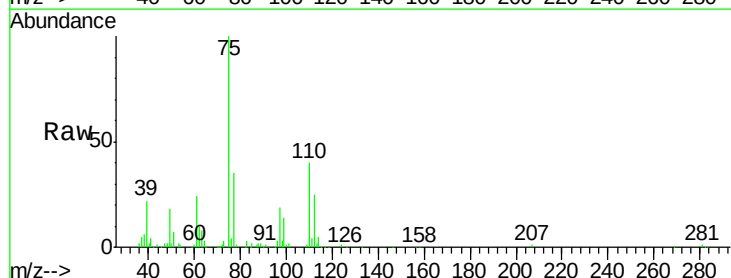
Acq: 09 Jun 2020 11:34

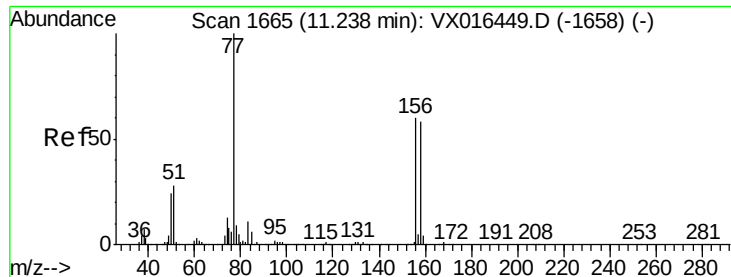
Tgt Ion: 75 Resp: 89034

Ion Ratio Lower Upper

75 100

77 33.2 21.3 63.7





#77

Bromobenzene

Concen: 20.368 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBSD01

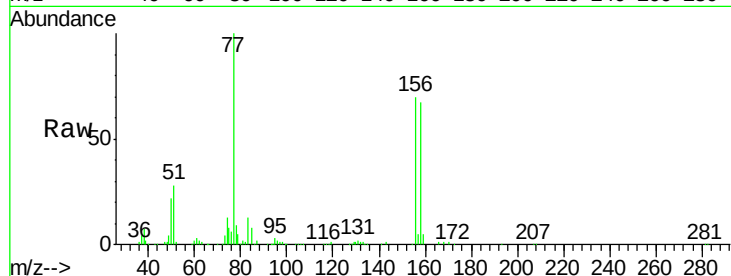
Tot Ion:156 Resp: 59312

Ion Ratio Lower Upper

156 100

77 146.7 79.6 238.8

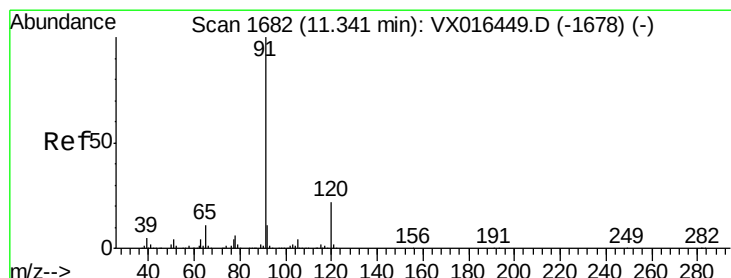
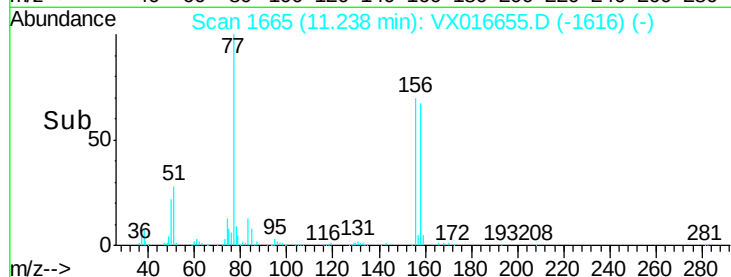
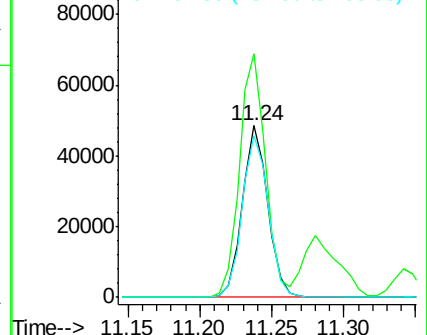
158 96.9 48.1 144.4



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: 19.339 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016655.D

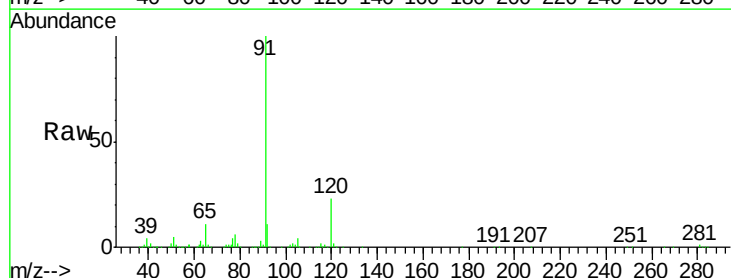
Acq: 09 Jun 2020 11:34

Tgt Ion: 91 Resp: 239881

Ion Ratio Lower Upper

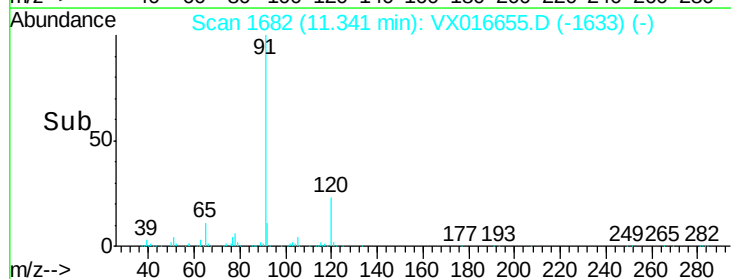
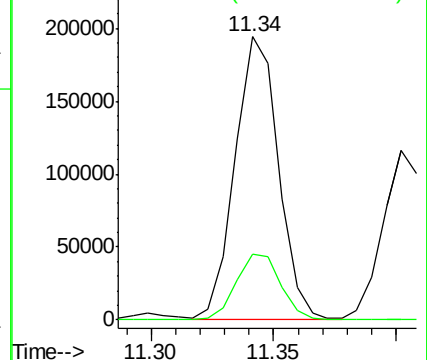
91 100

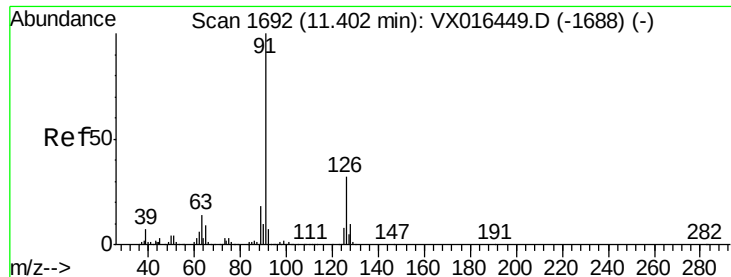
120 23.9 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

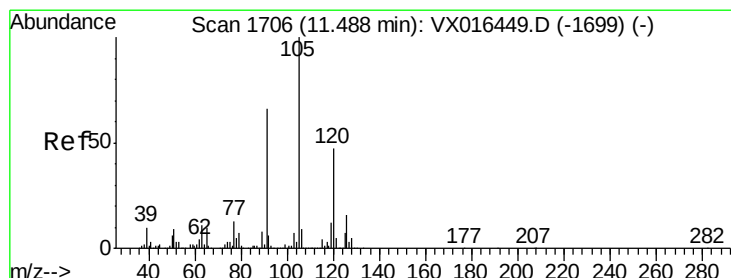
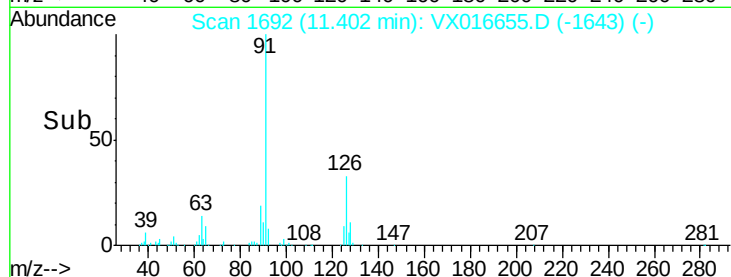
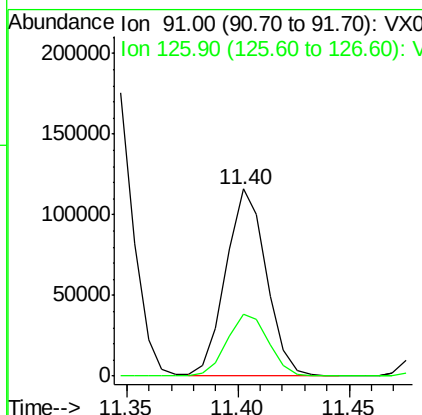
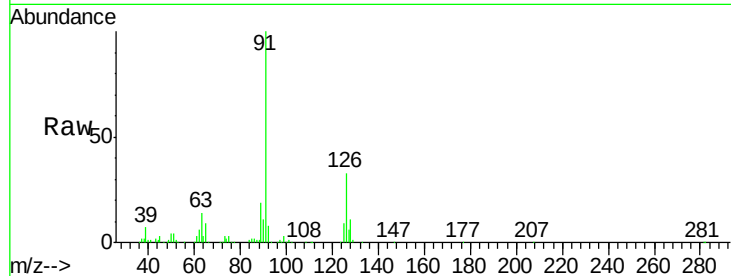




#79
 2-Chlorotoluene
 Concen: 19.390 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

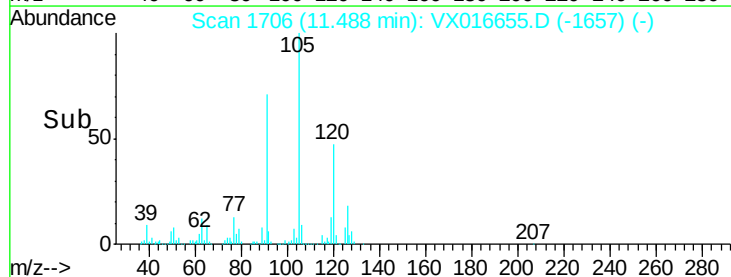
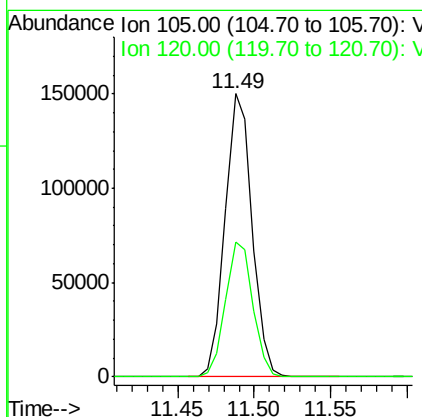
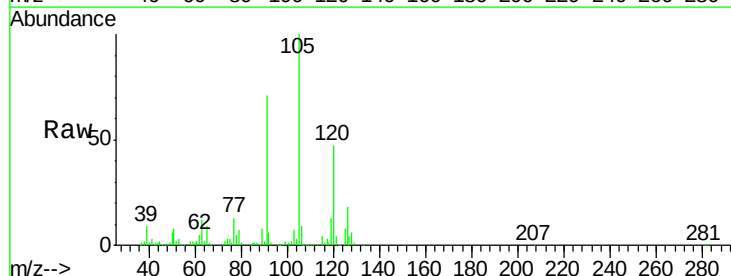
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBSD01

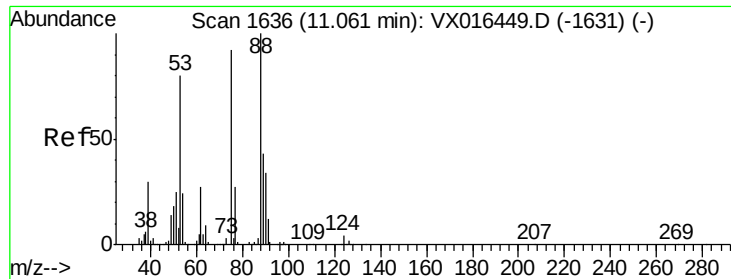
Tot Ion: 91 Resp: 146809
 Ion Ratio Lower Upper
 91 100
 126 34.1 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.796 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

Tgt Ion: 105 Resp: 183519
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8

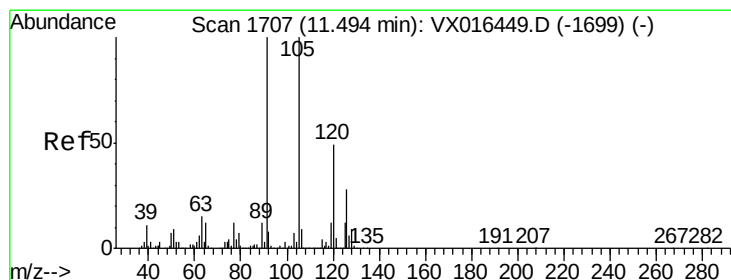
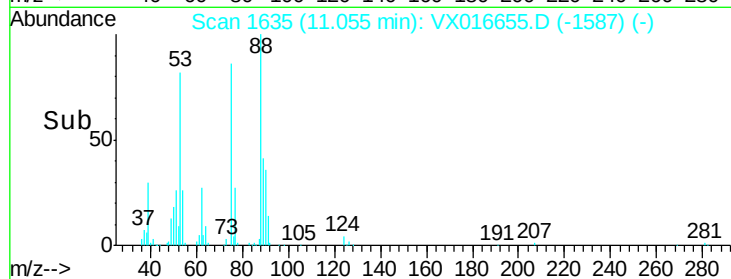
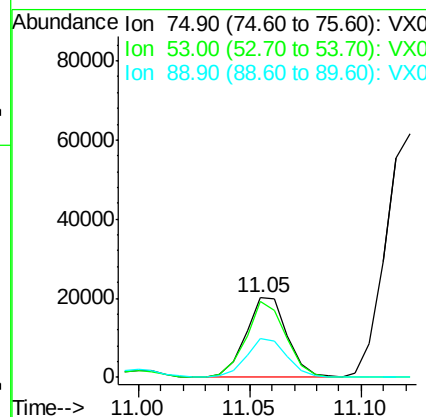
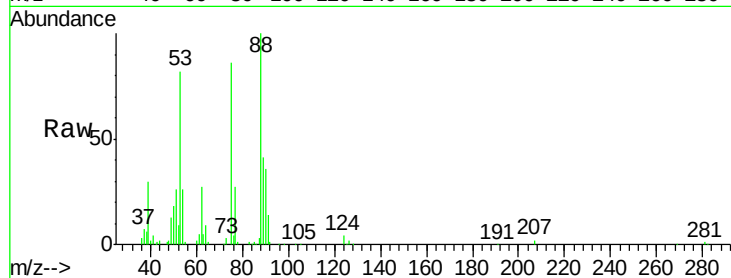




#81
trans-1,4-Dichloro-2-butene
Concen: 18.015 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

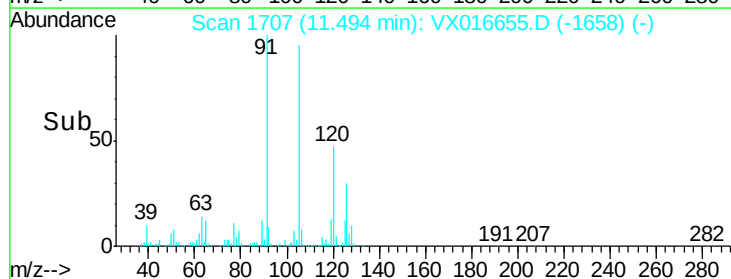
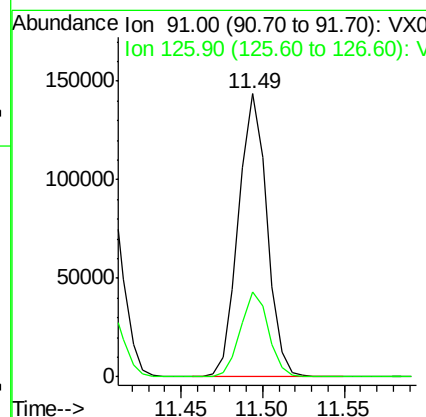
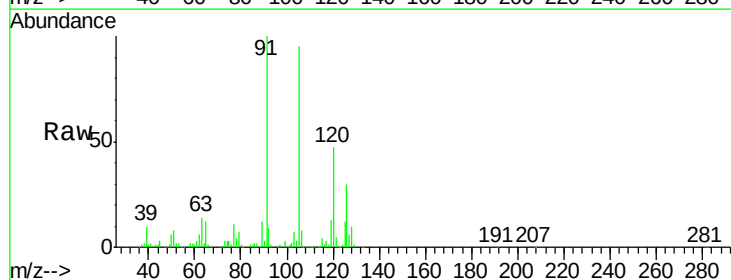
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBSD01

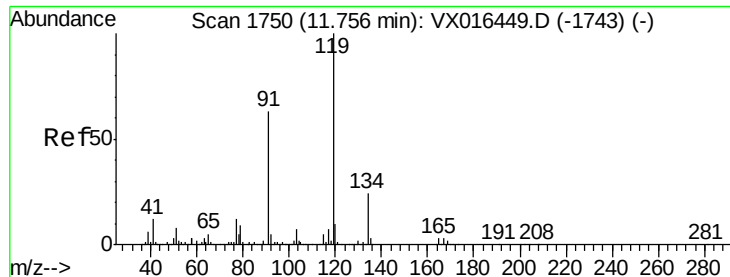
Tot Ion: 75 Resp: 25795
Ion Ratio Lower Upper
75 100
53 92.1 71.3 106.9
89 48.6 36.6 55.0



#82
4-Chlorotoluene
Concen: 19.535 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion: 91 Resp: 174660
Ion Ratio Lower Upper
91 100
126 29.6 14.7 44.1

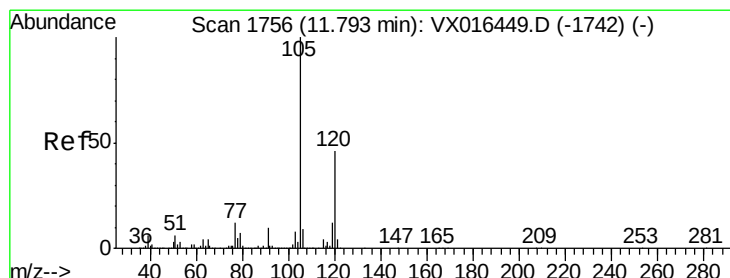
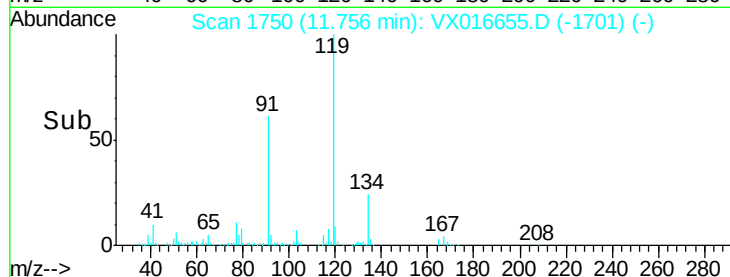
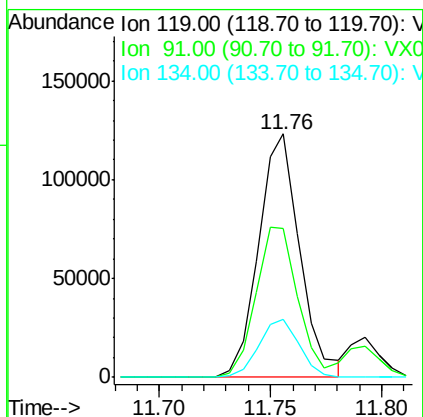
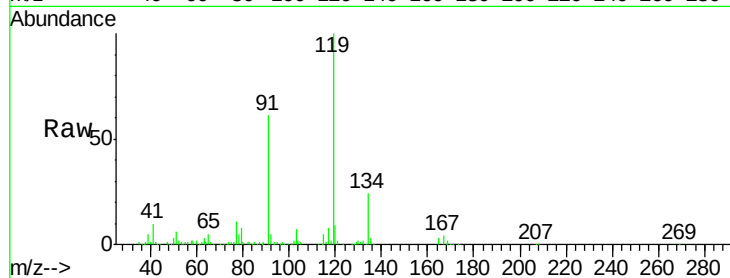




#83
 tert-Butylbenzene
 Concen: 19.996 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

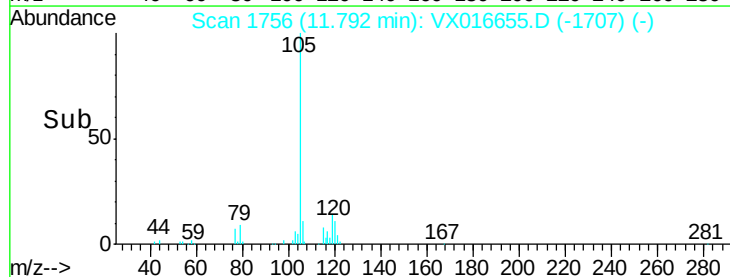
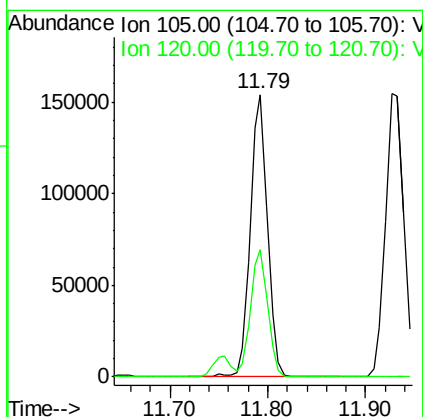
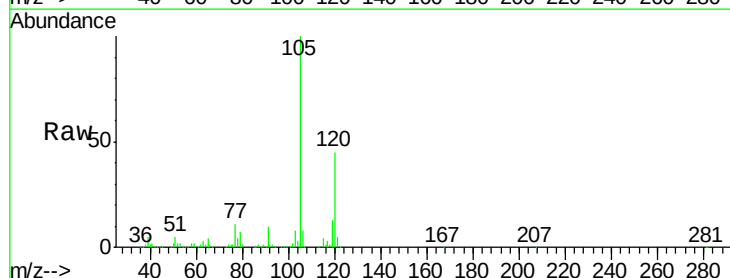
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBSD01

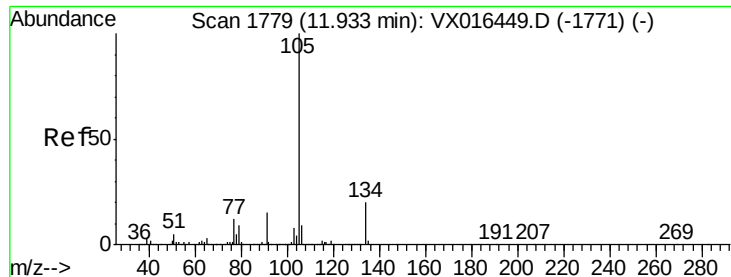
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.7	31.3	93.8
134	23.4	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.980 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.7





#85

sec-Butylbenzene

Concen: 20.086 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

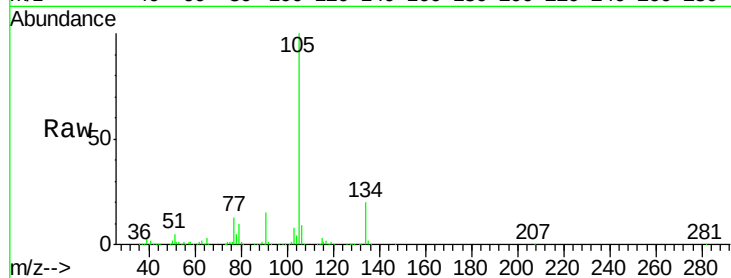
VX0609WBSD01

Tot Ion:105 Resp: 199587

Ion Ratio Lower Upper

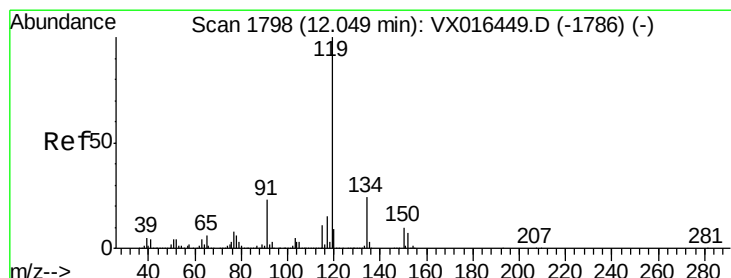
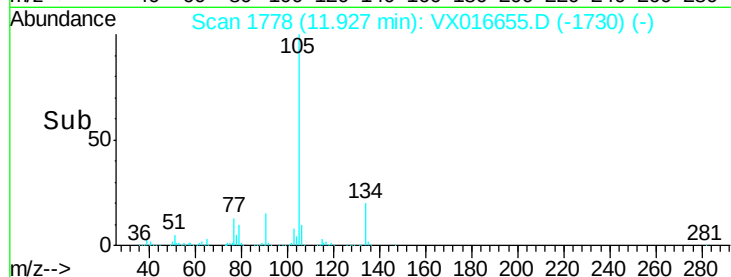
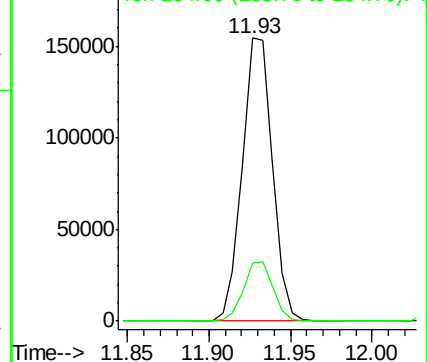
105 100

134 20.7 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.444 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

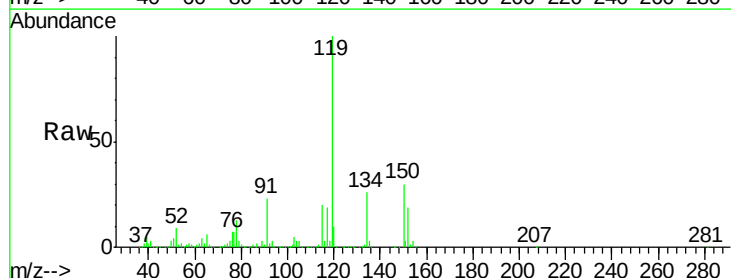
Tgt Ion:119 Resp: 190297

Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

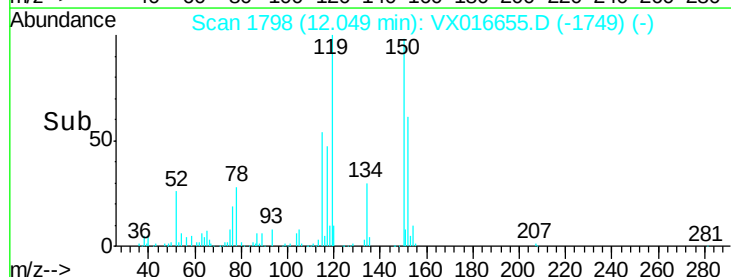
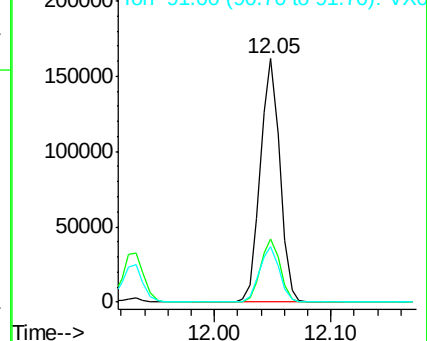
91 23.2 11.7 35.0

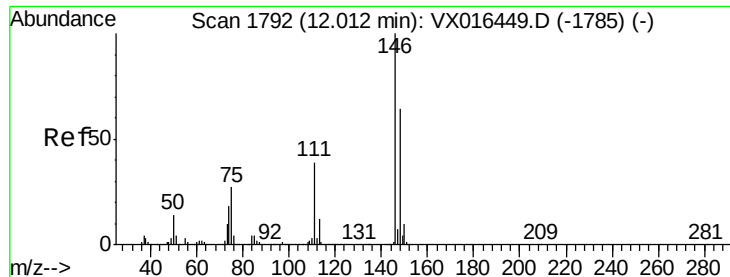


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

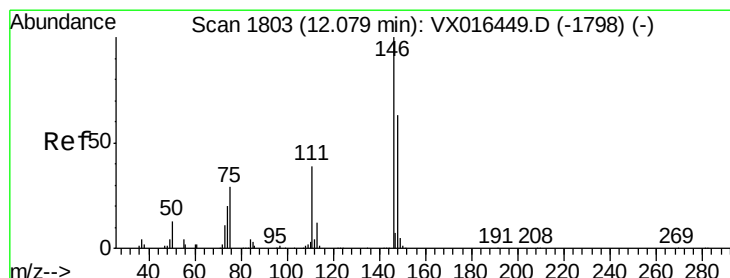
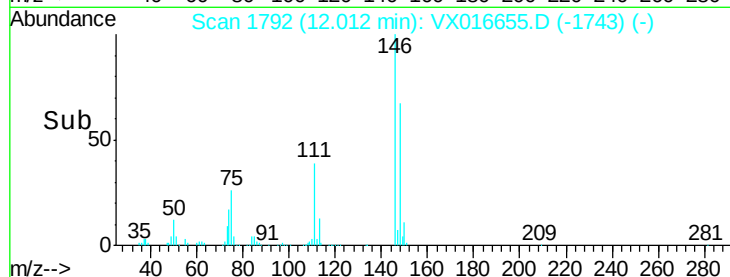
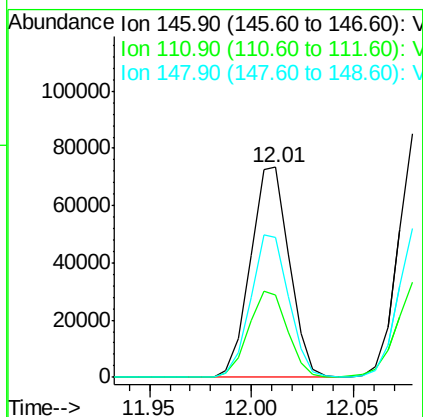
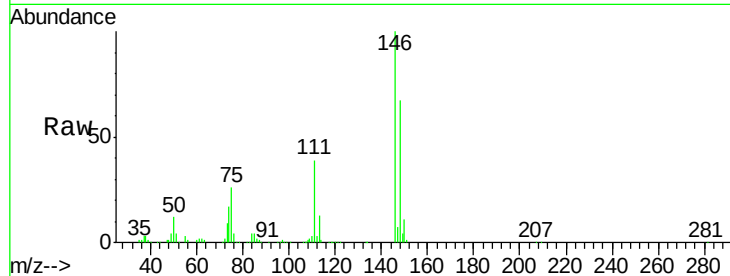




#87
 1,3-Dichlorobenzene
 Concen: 19.331 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

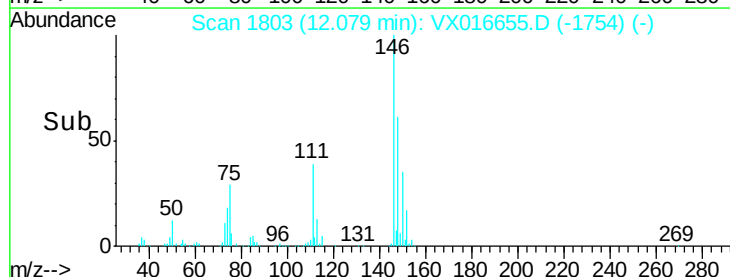
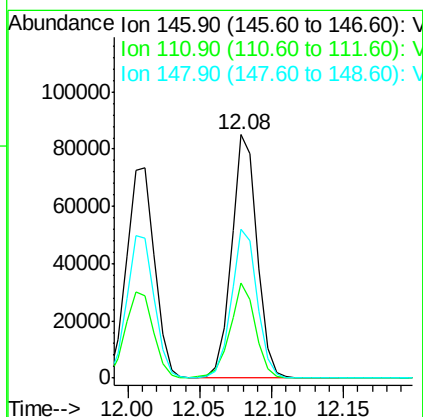
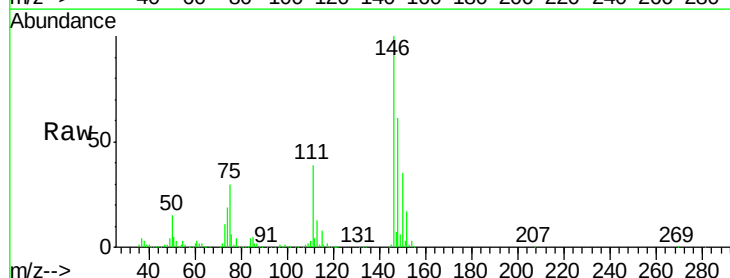
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBSD01

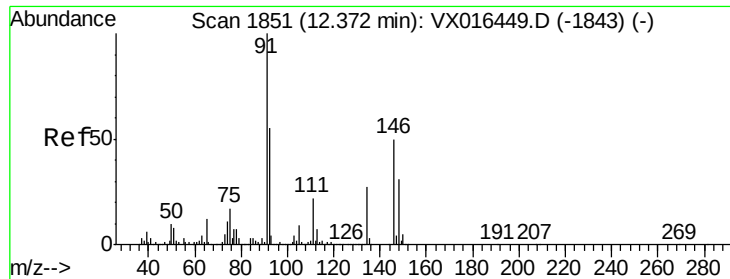
Tot Ion:146 Resp: 97526
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.0 60.0
 148 66.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.478 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

Tgt Ion:146 Resp: 105661
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.4 58.2
 148 61.8 31.4 94.3

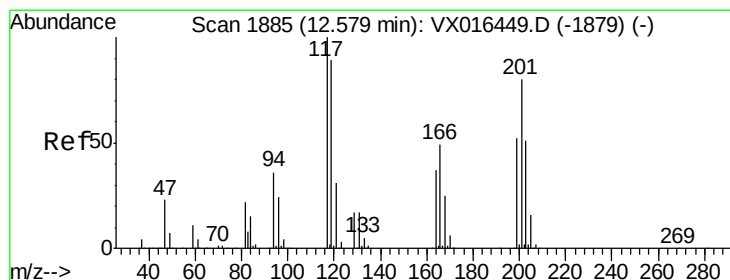
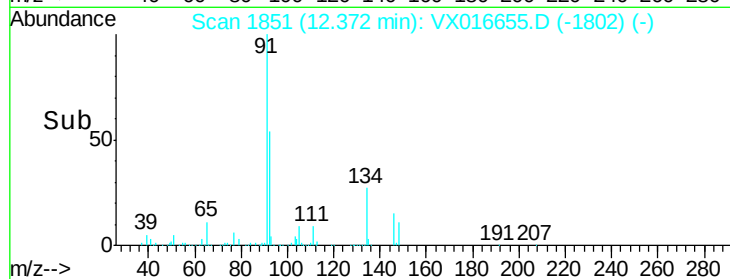
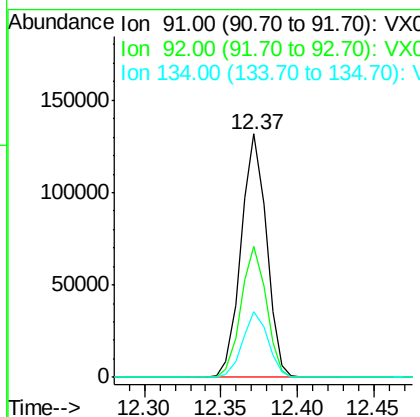
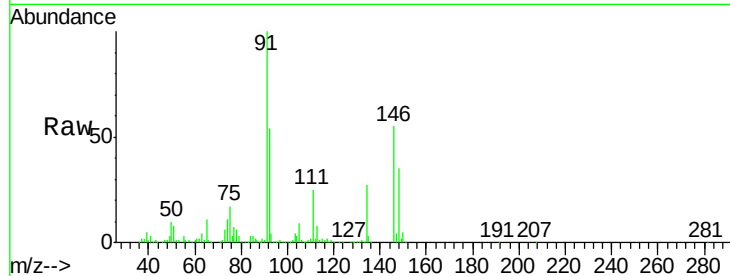




#89
n-Butylbenzene
Concen: 19.585 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

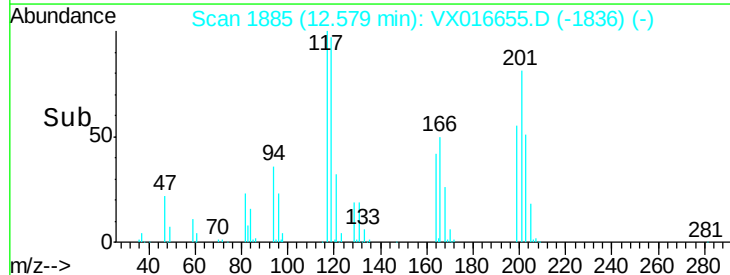
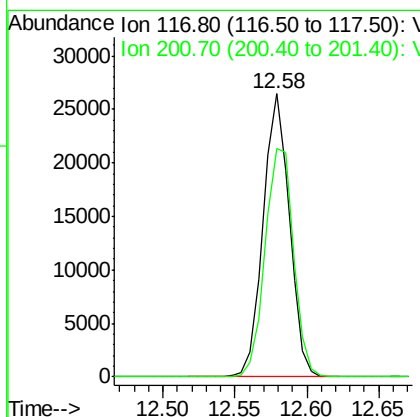
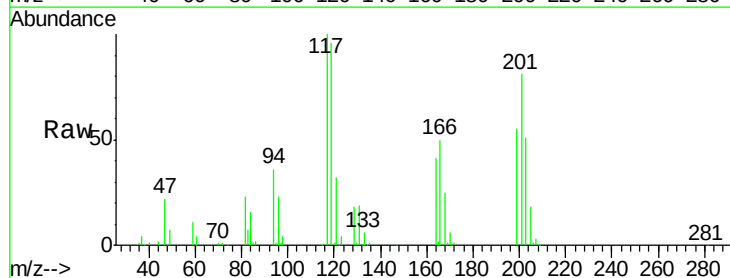
Instrument :
MSVOA_X
ClientSampled :
VX0609WBSD01

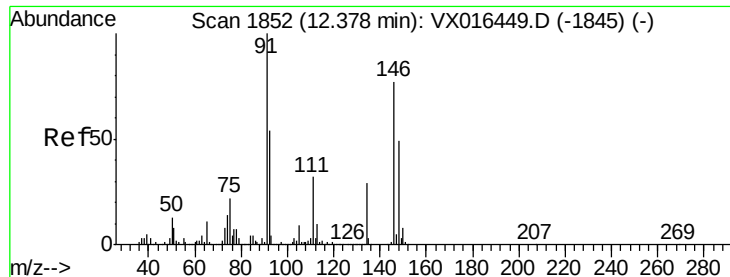
Tot Ion: 91 Resp: 151840
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.5
134 27.0 13.1 39.3



#90
Hexachloroethane
Concen: 20.667 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016655.D
Acq: 09 Jun 2020 11:34

Tgt Ion: 117 Resp: 33228
Ion Ratio Lower Upper
117 100
201 87.7 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 19.776 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBSD01

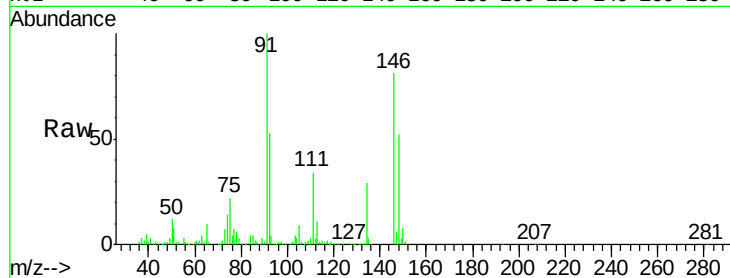
Tot Ion:146 Resp: 96659

Ion Ratio Lower Upper

146 100

111 43.0 21.4 64.3

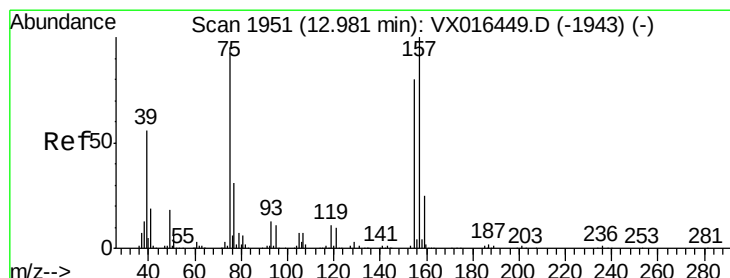
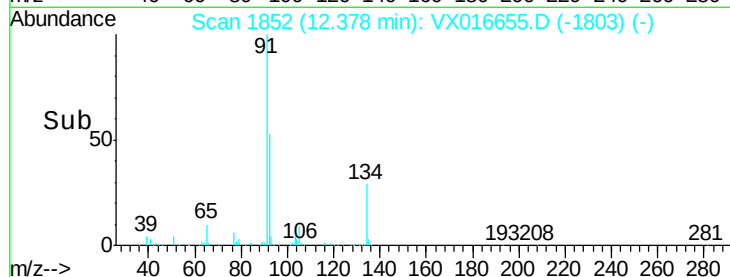
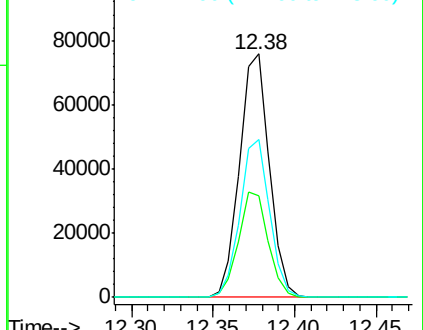
148 64.2 31.9 95.7



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: 18.519 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

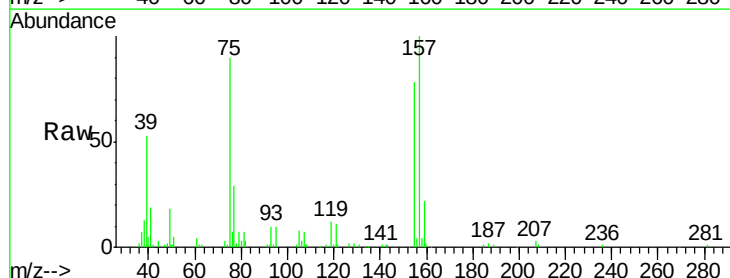
Tgt Ion: 75 Resp: 16691

Ion Ratio Lower Upper

75 100

155 92.4 44.1 132.4

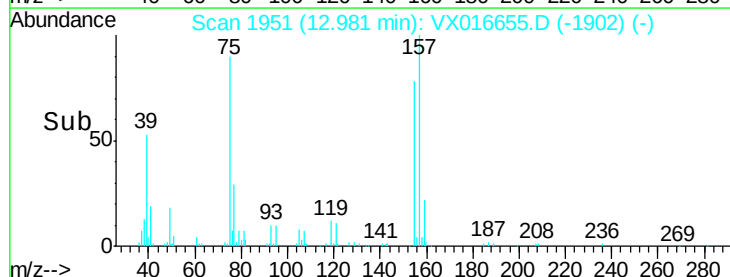
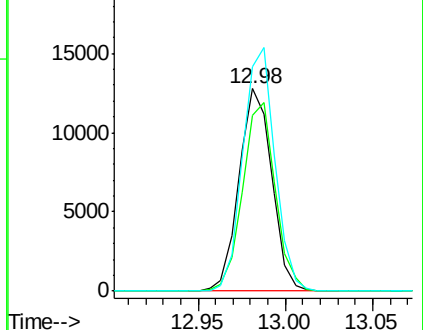
157 117.2 57.8 173.3

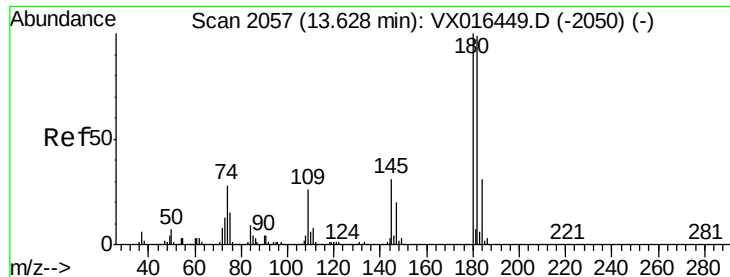


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

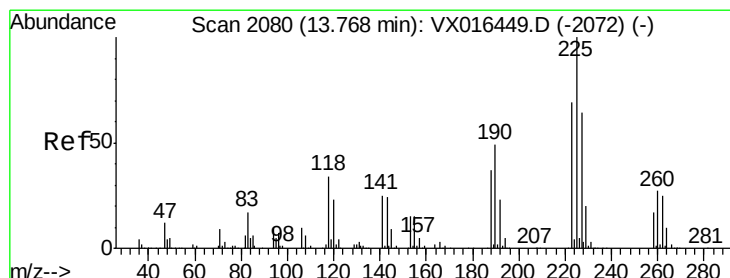
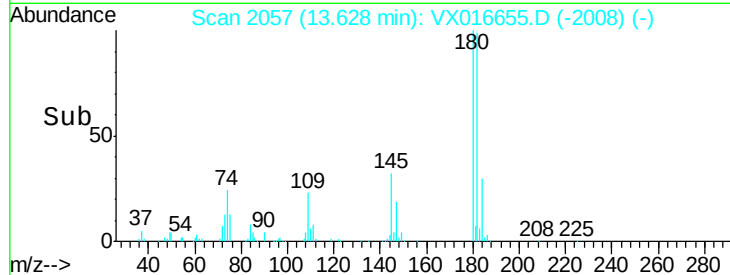
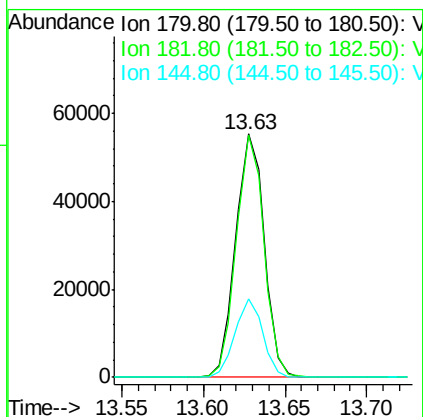
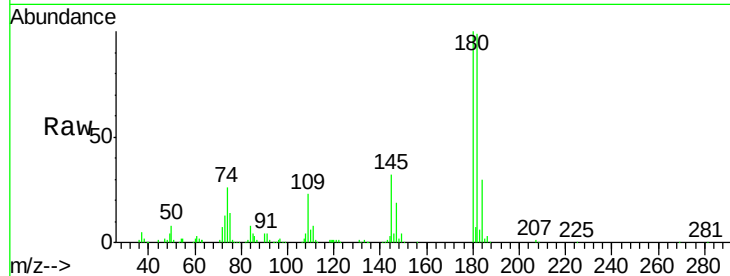




#93
 1,2,4-Trichlorobenzene
 Concen: 20.807 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

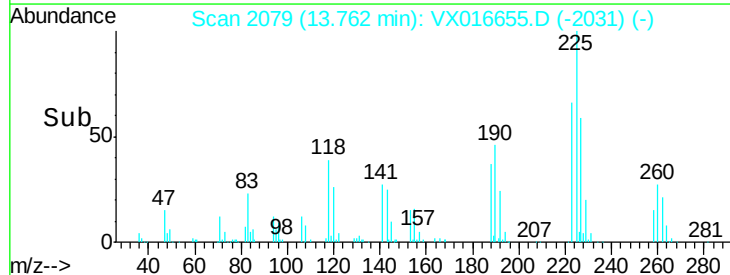
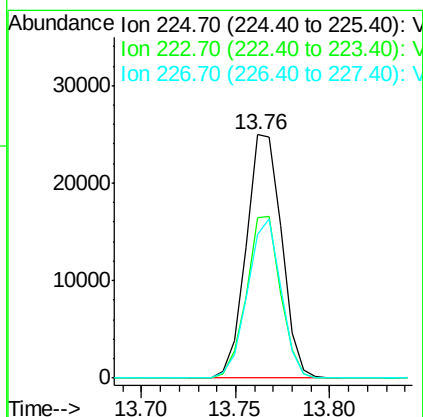
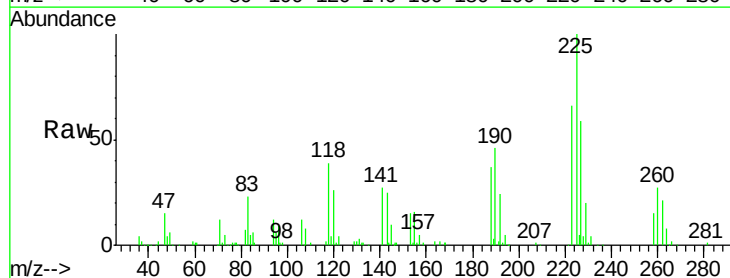
Instrument :
 MSVOA_X
 ClientSampled :
 VX0609WBSD01

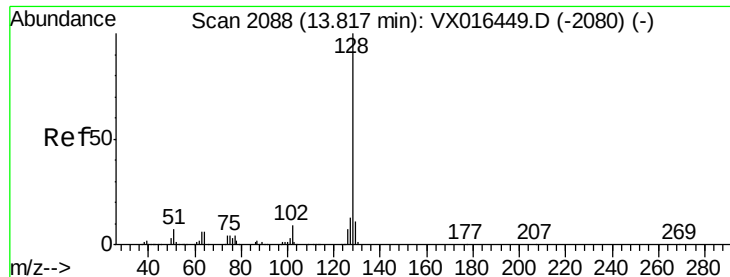
Tot Ion:180 Resp: 67543
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.3 144.8
 145 31.3 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 25.568 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016655.D
 Acq: 09 Jun 2020 11:34

Tgt Ion:225 Resp: 32586
 Ion Ratio Lower Upper
 225 100
 223 63.6 32.3 96.8
 227 61.6 31.6 94.7





#95

Naphthalene

Concen: 19.831 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBSD01

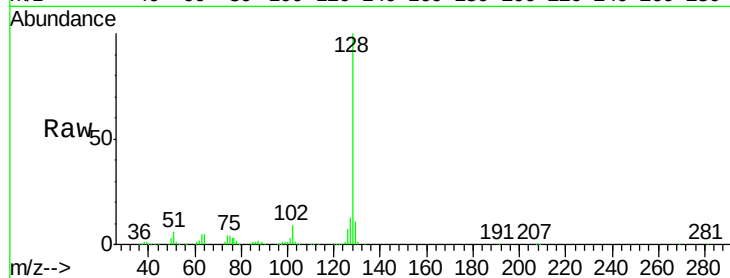
Tot Ion:128 Resp: 220685

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

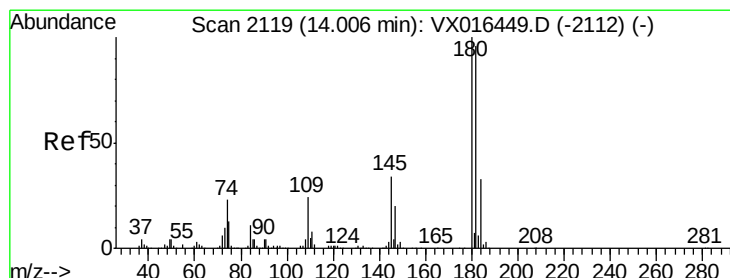
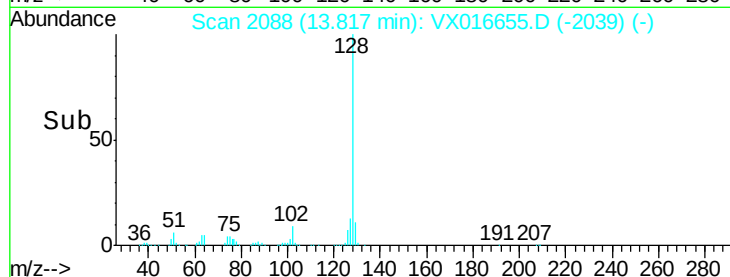
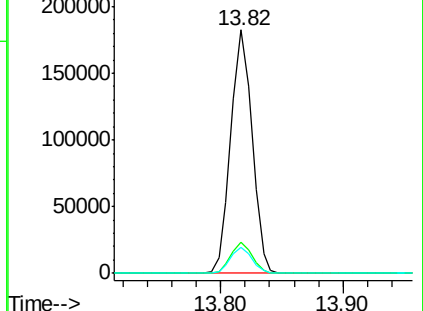
129 10.9 8.6 13.0



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: 21.942 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016655.D

Acq: 09 Jun 2020 11:34

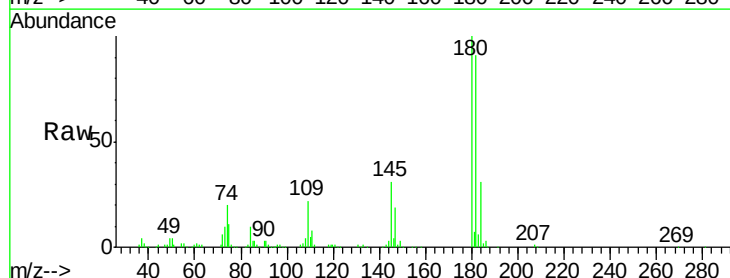
Tgt Ion:180 Resp: 69779

Ion Ratio Lower Upper

180 100

182 93.7 48.6 145.8

145 31.5 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

