

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070620\
 Data File : VX017167.D
 Acq On : 06 Jul 2020 14:55
 Operator : JC/SP
 Sample : VX0706WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Quant Time: Jul 06 16:21:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	323240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	484962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	455855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	249961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	194841	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.47	113	158266	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	8.70	98	574902	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.12	95	227597	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	56454	18.053	ug/l	97
3) Chloromethane	1.31	50	56044	14.806	ug/l	97
4) Vinyl Chloride	1.39	62	57874	16.479	ug/l	100
5) Bromomethane	1.63	94	38630	20.819	ug/l	99
6) Chloroethane	1.72	64	37104	17.888	ug/l	92
7) Trichlorofluoromethane	1.92	101	104644	20.147	ug/l	97
8) Diethyl Ether	2.17	74	33154	19.197	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56014	17.993	ug/l	97
10) Methyl Iodide	2.50	142	52649	13.107	ug/l	98
11) Tert butyl alcohol	3.01	59	66311	87.228	ug/l	98
12) 1,1-Dichloroethene	2.36	96	52705	16.481	ug/l	96
13) Acrolein	2.27	56	22361	49.206	ug/l	98
14) Allyl chloride	2.71	41	96666	16.356	ug/l	95
15) Acrylonitrile	3.12	53	154309	84.438	ug/l	98
16) Acetone	2.42	43	130126	87.291	ug/l	97
17) Carbon Disulfide	2.55	76	157689	17.685	ug/l	98
18) Methyl Acetate	2.75	43	70133	18.022	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	200769	18.706	ug/l	98
20) Methylene Chloride	2.84	84	66467	18.955	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	63768	17.968	ug/l	97
22) Diisopropyl ether	3.82	45	195275	17.852	ug/l	95
23) Vinyl Acetate	3.79	43	850832	90.516	ug/l	98
24) 1,1-Dichloroethane	3.67	63	109616	17.612	ug/l	96
25) 2-Butanone	4.64	43	211015	84.953	ug/l	100
26) 2,2-Dichloropropane	4.56	77	102815	18.604	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	71032	17.664	ug/l	99
28) Bromochloromethane	4.98	49	58201	19.216	ug/l	94
29) Tetrahydrofuran	5.09	42	139596	85.059	ug/l	98
30) Chloroform	5.18	83	116260	18.222	ug/l	100
31) Cyclohexane	5.55	56	94172	17.504	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	110823	18.860	ug/l	99
36) 1,1-Dichloropropene	5.77	75	84640	18.466	ug/l	98
37) Ethyl Acetate	4.79	43	87023	18.713	ug/l	99
38) Carbon Tetrachloride	5.76	117	102134	20.231	ug/l	97

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Quant Time: Jul 06 16:21:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	94142	18.460	ug/l	98
40) Benzene	6.12	78	249767	18.547	ug/l	97
41) Methacrylonitrile	5.01	41	47724	18.233	ug/l	97
42) 1,2-Dichloroethane	6.17	62	96773	19.894	ug/l	99
43) Isopropyl Acetate	6.42	43	139654	18.072	ug/l	99
44) Trichloroethene	7.19	130	75551	20.145	ug/l	95
45) 1,2-Dichloropropane	7.49	63	65883	19.047	ug/l	100
46) Dibromomethane	7.64	93	45382	19.218	ug/l	94
47) Bromodichloromethane	7.88	83	96728	19.876	ug/l	99
48) Methyl methacrylate	7.74	41	67956	18.510	ug/l	98
49) 1,4-Dioxane	7.71	88	29090	349.748	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	431322	93.634	ug/l	100
52) Toluene	8.77	92	162743	19.356	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	106112	19.762	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	110093	19.127	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	67465	19.639	ug/l	96
56) Ethyl methacrylate	9.16	69	93045	19.029	ug/l	100
57) 1,3-Dichloropropane	9.35	76	110090	18.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	244283	100.384	ug/l	97
59) 2-Hexanone	9.47	43	323441	96.140	ug/l	99
60) Dibromochloromethane	9.57	129	80019	20.055	ug/l	99
61) 1,2-Dibromoethane	9.65	107	72320	19.585	ug/l	98
64) Tetrachloroethene	9.32	164	73053	19.857	ug/l	96
65) Chlorobenzene	10.12	112	181170	19.256	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	72981	20.127	ug/l	99
67) Ethyl Benzene	10.23	91	307079	19.544	ug/l	99
68) m/p-Xylenes	10.34	106	237650	39.391	ug/l	97
69) o-Xylene	10.68	106	110559	19.264	ug/l	99
70) Styrene	10.70	104	193371	19.786	ug/l	99
71) Bromoform	10.84	173	61508	21.392	ug/l #	100
73) Isopropylbenzene	11.00	105	307228	18.765	ug/l	99
74) N-amyl acetate	10.88	43	121451	17.385	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	92481	17.957	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	114955	23.387	ug/l	87
77) Bromobenzene	11.24	156	86028	19.118	ug/l	96
78) n-propylbenzene	11.34	91	350846	18.950	ug/l	99
79) 2-Chlorotoluene	11.40	91	214295	19.124	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	266445	19.619	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	31978	16.848	ug/l	87
82) 4-Chlorotoluene	11.49	91	255231	19.054	ug/l	98
83) tert-Butylbenzene	11.76	119	256316	19.226	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	267730	19.432	ug/l	100
85) sec-Butylbenzene	11.93	105	297640	18.993	ug/l	99
86) p-Isopropyltoluene	12.05	119	282181	19.343	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	154877	18.951	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	154094	19.878	ug/l	100
89) n-Butylbenzene	12.37	91	239203	18.363	ug/l	99
90) Hexachloroethane	12.58	117	52674	18.310	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	146508	19.178	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21234	17.283	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	103102	19.774	ug/l	98
94) Hexachlorobutadiene	13.76	225	37626	19.537	ug/l	97
95) Naphthalene	13.82	128	306016	19.305	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	96527	19.129	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampled :

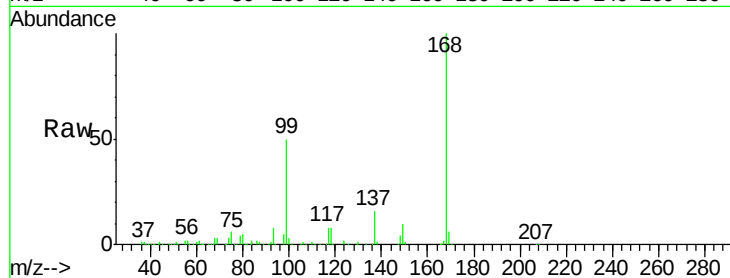
VX0706WBS01

Tgt Ion:168 Resp: 323240

Ion Ratio Lower Upper

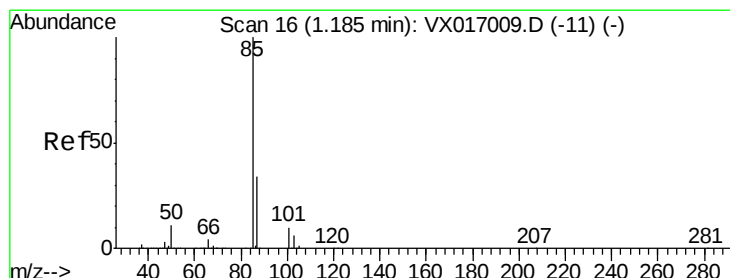
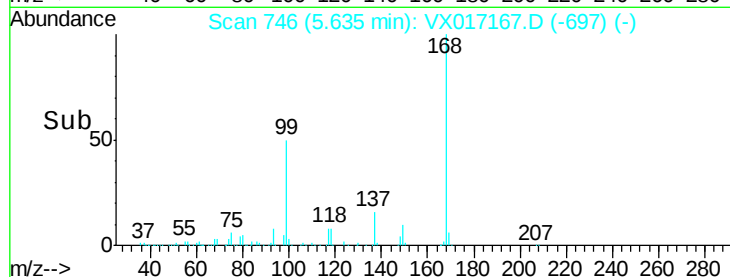
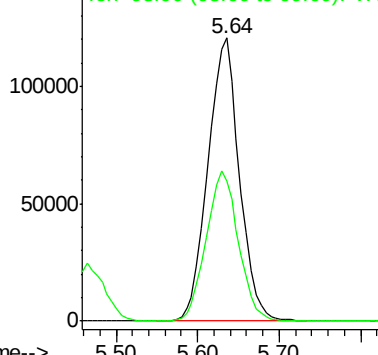
168 100

99 49.5 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.053 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017167.D

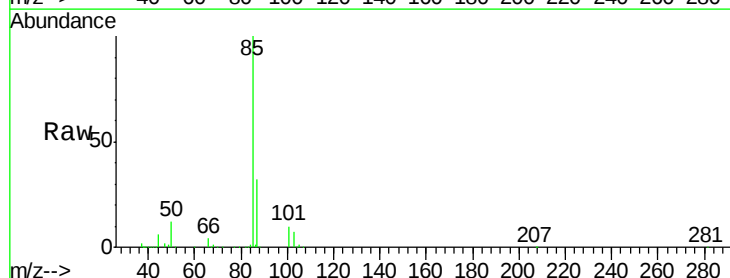
Acq: 06 Jul 2020 14:55

Tgt Ion: 85 Resp: 56454

Ion Ratio Lower Upper

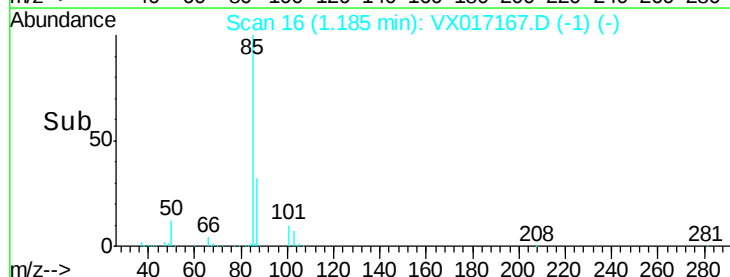
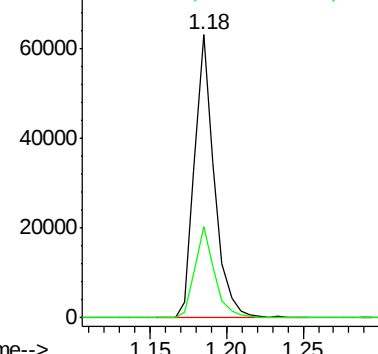
85 100

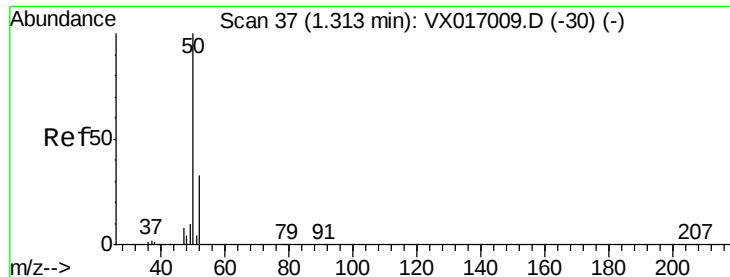
87 32.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 14.806 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

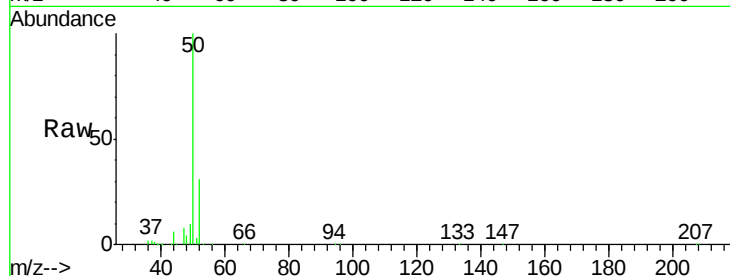
VX0706WBS01

Tgt Ion: 50 Resp: 56044

Ion Ratio Lower Upper

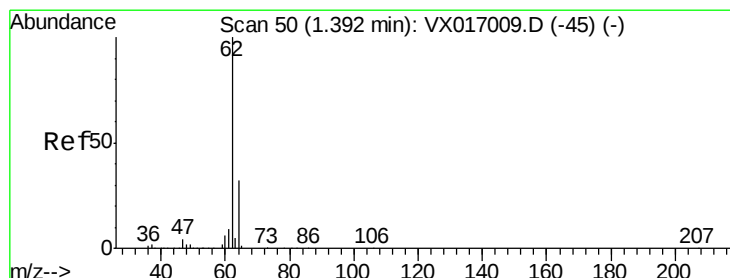
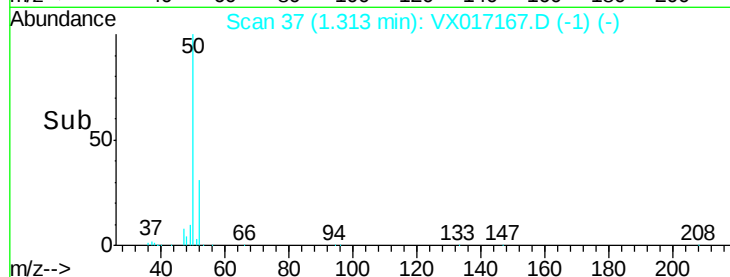
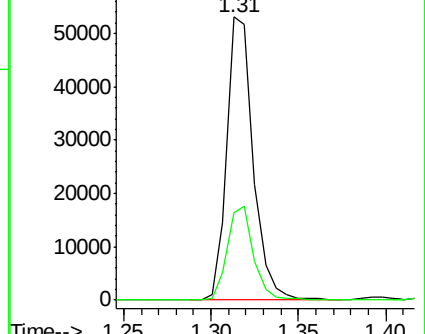
50 100

52 30.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.479 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017167.D

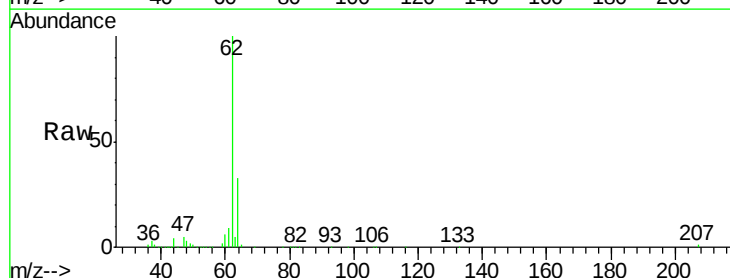
Acq: 06 Jul 2020 14:55

Tgt Ion: 62 Resp: 57874

Ion Ratio Lower Upper

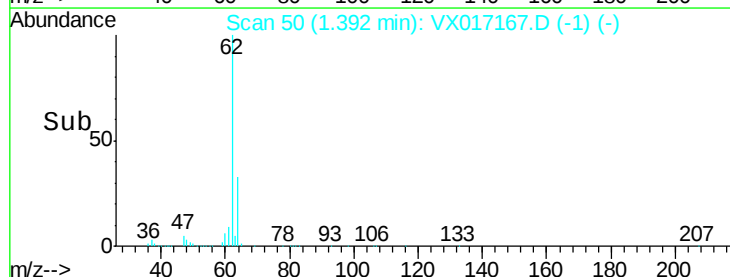
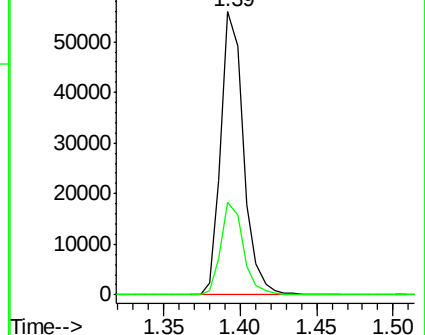
62 100

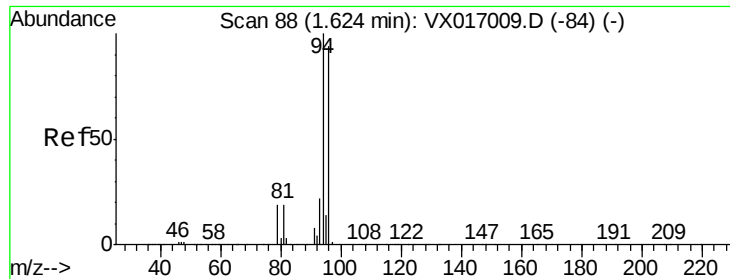
64 32.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.819 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

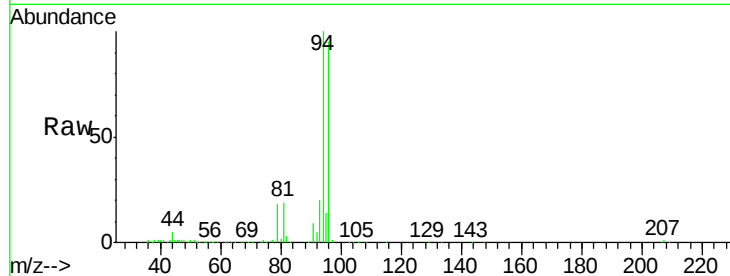
VX0706WBS01

Tgt Ion: 94 Resp: 38630

Ion Ratio Lower Upper

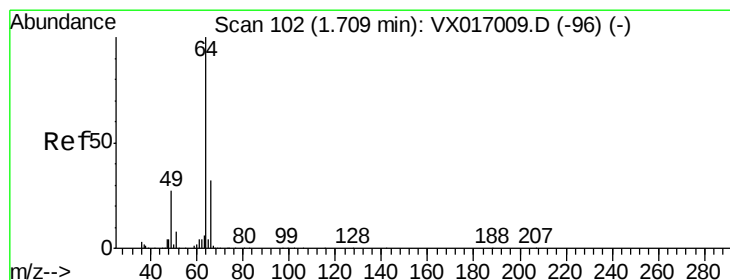
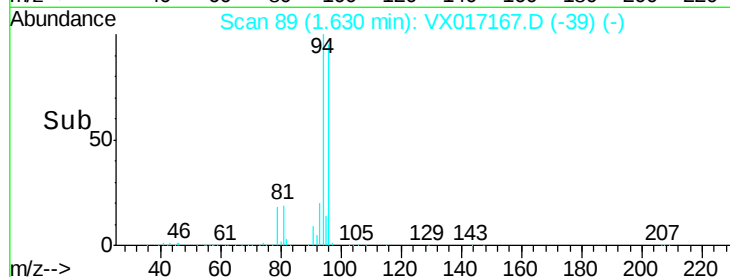
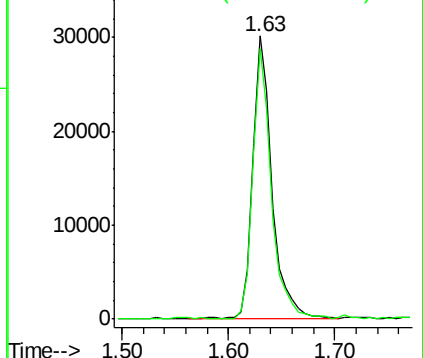
94 100

96 95.0 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.888 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017167.D

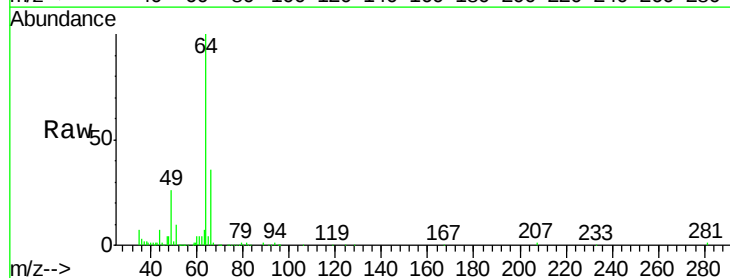
Acq: 06 Jul 2020 14:55

Tgt Ion: 64 Resp: 37104

Ion Ratio Lower Upper

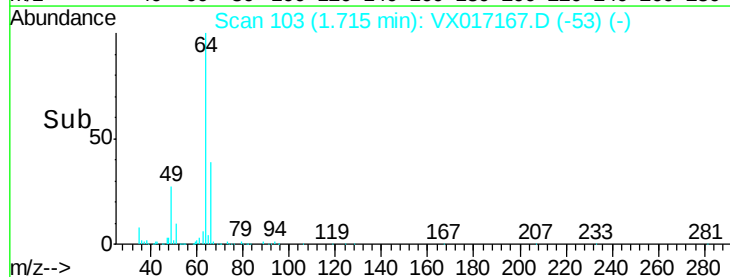
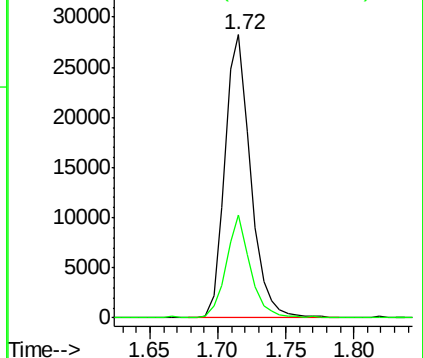
64 100

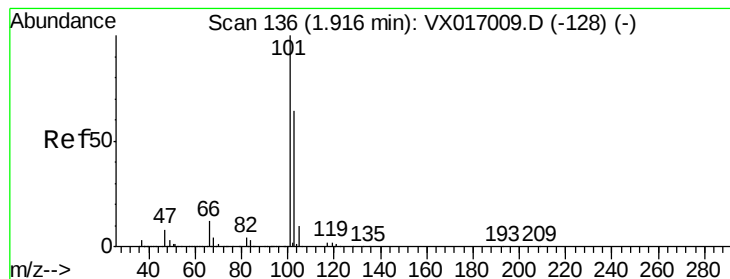
66 36.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



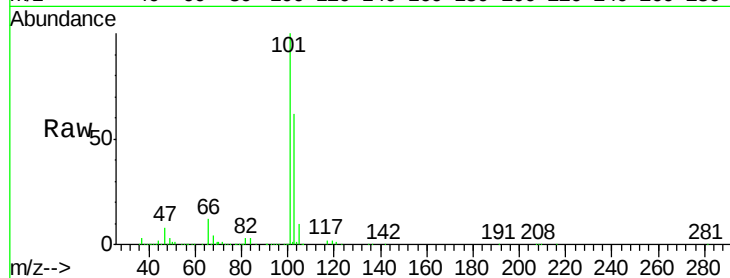


#7

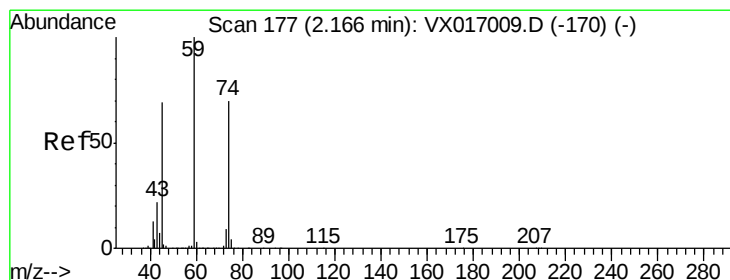
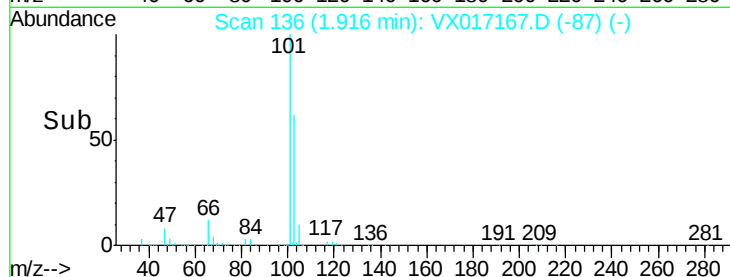
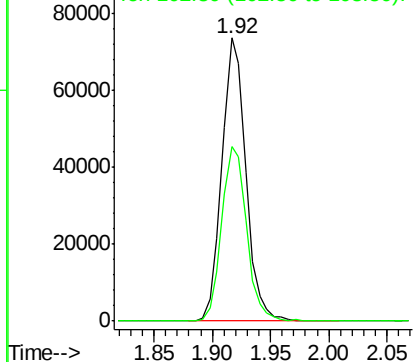
Trichlorofluoromethane
Concen: 20.147 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tgt Ion:101 Resp: 104644
Ion Ratio Lower Upper
101 100
103 61.8 51.5 77.3



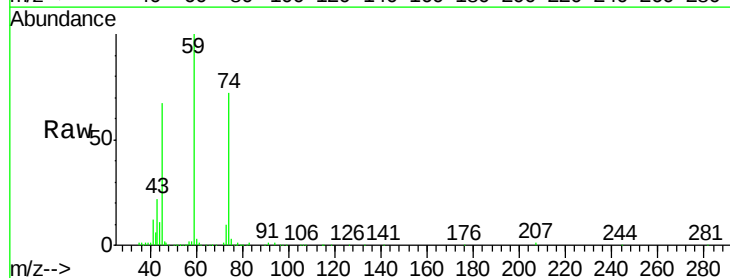
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



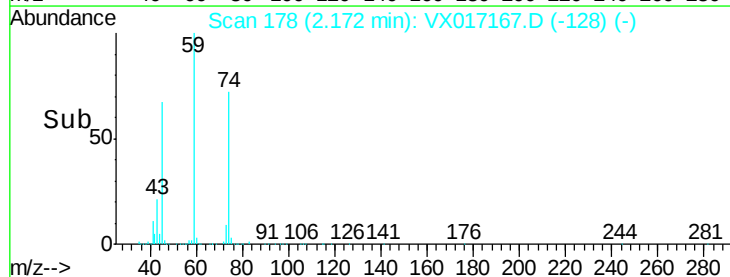
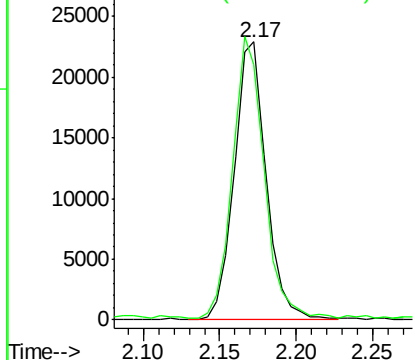
#8

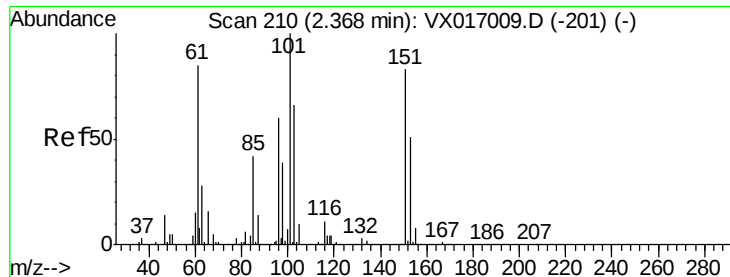
Diethyl Ether
Concen: 19.197 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion: 74 Resp: 33154
Ion Ratio Lower Upper
74 100
45 98.6 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.993 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

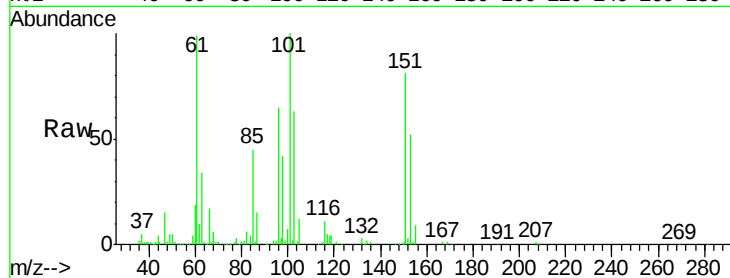
Tgt Ion:101 Resp: 56014

Ion Ratio Lower Upper

101 100

85 43.4 33.5 50.3

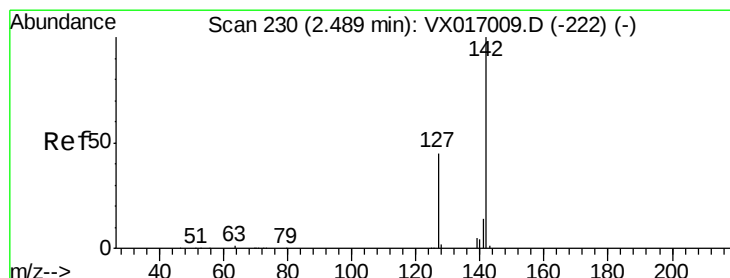
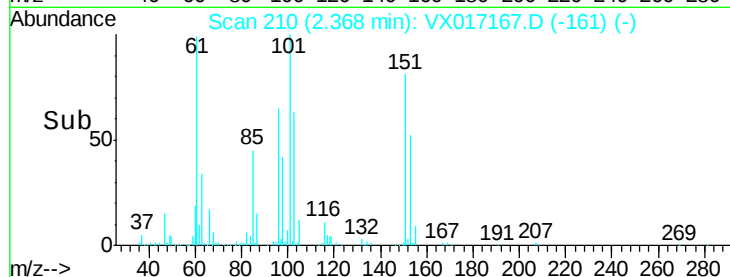
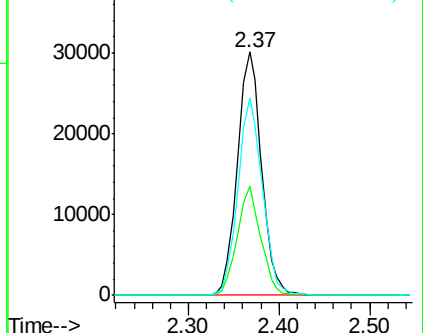
151 82.1 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.107 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

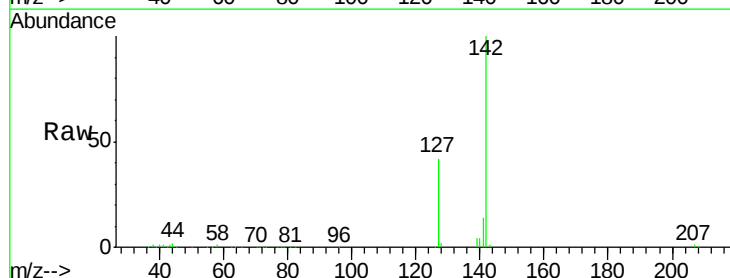
Tgt Ion:142 Resp: 52649

Ion Ratio Lower Upper

142 100

127 44.3 36.6 54.8

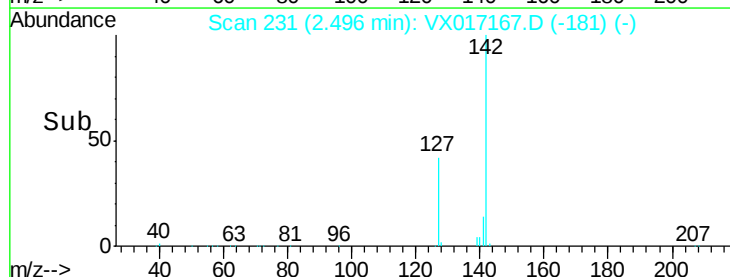
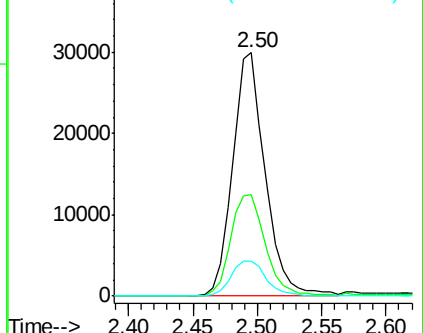
141 15.5 11.6 17.4

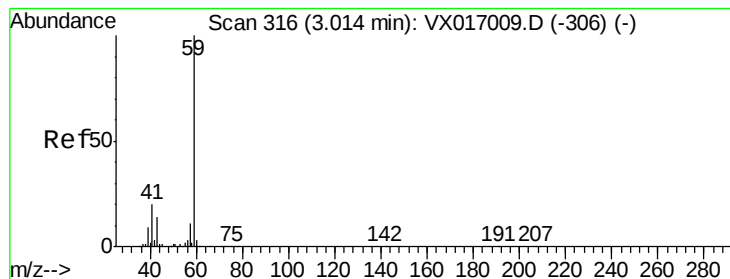


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



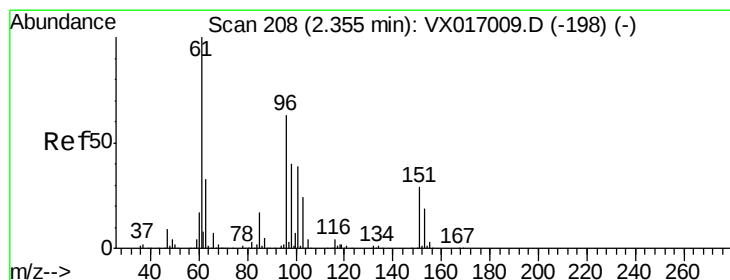
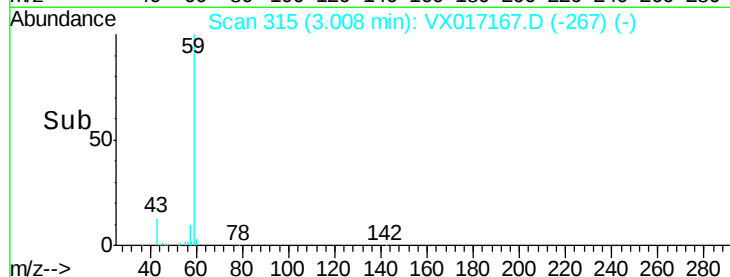
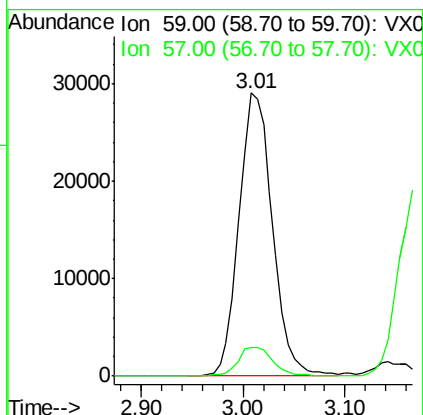
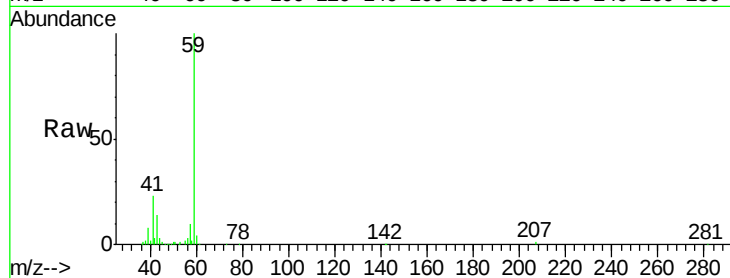


#11

Tert butyl alcohol
 Concen: 87.228 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

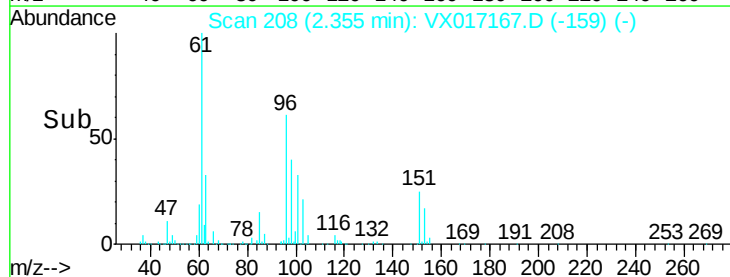
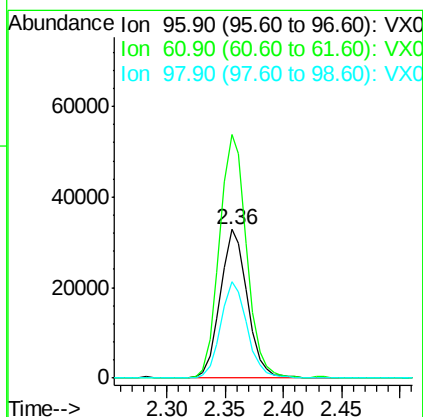
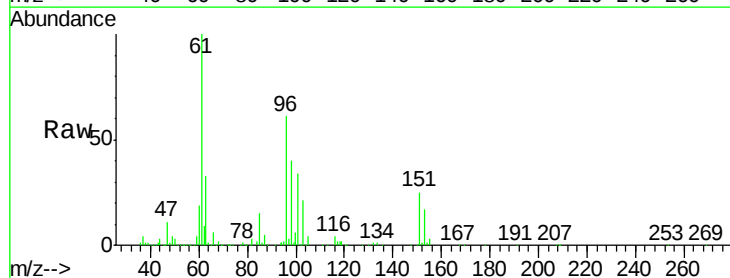
Tgt Ion: 59 Resp: 66311
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.2

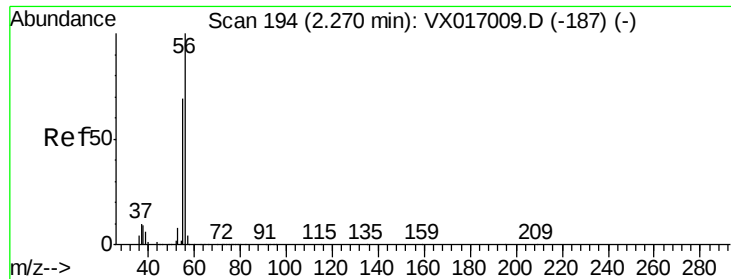


#12

1,1-Dichloroethene
 Concen: 16.481 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion: 96 Resp: 52705
 Ion Ratio Lower Upper
 96 100
 61 164.1 126.3 189.5
 98 65.5 51.0 76.6





#13

Acrolein

Concen: 49.206 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

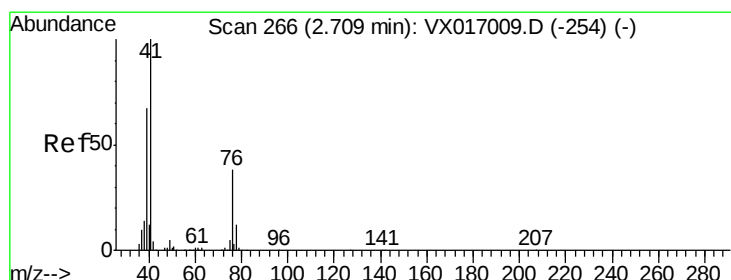
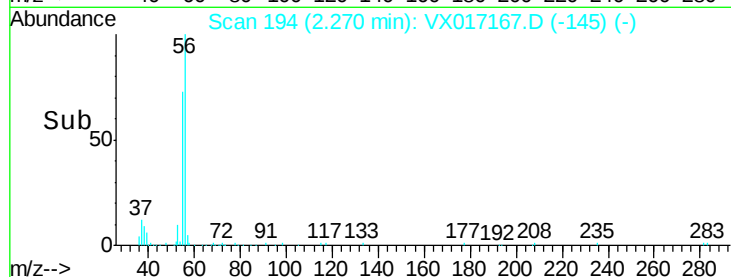
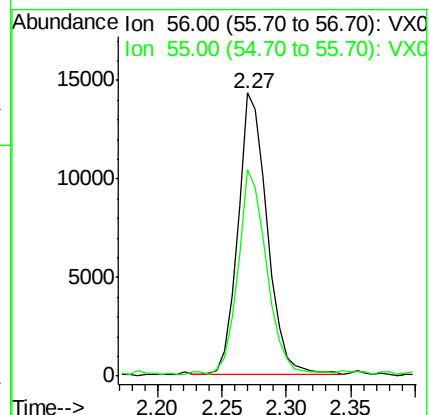
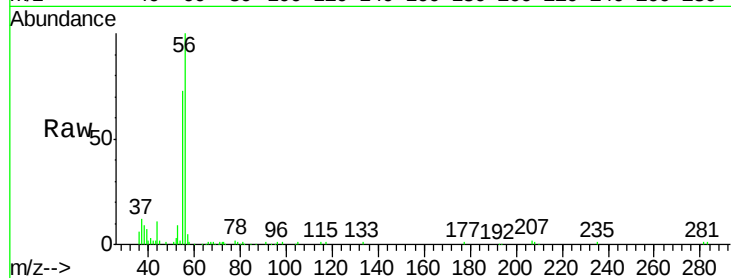
VX0706WBS01

Tgt Ion: 56 Resp: 22361

Ion Ratio Lower Upper

56 100

55 71.4 55.7 83.5



#14

Allyl chloride

Concen: 16.356 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

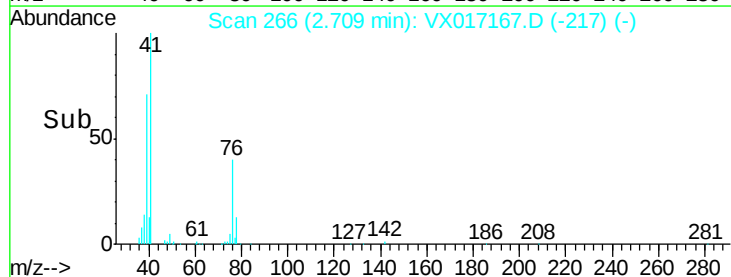
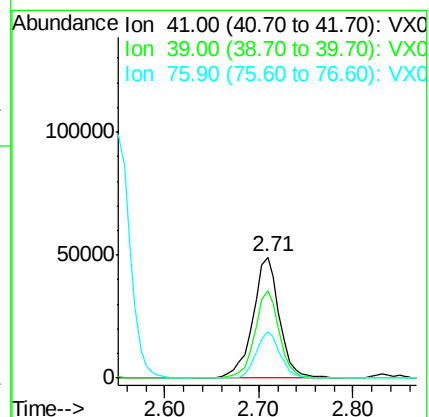
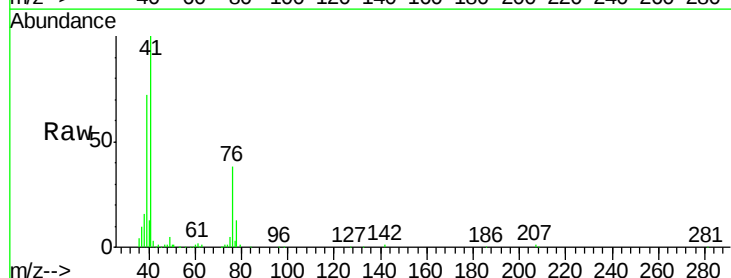
Tgt Ion: 41 Resp: 96666

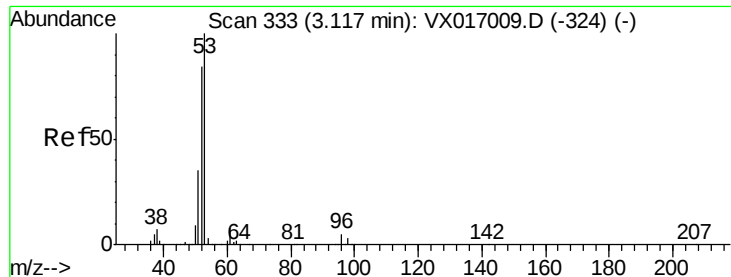
Ion Ratio Lower Upper

41 100

39 67.3 49.4 74.2

76 34.7 26.8 40.2





#15

Acrylonitrile

Concen: 84.438 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

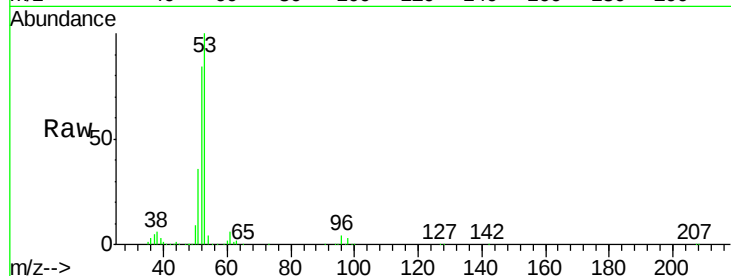
Tgt Ion: 53 Resp: 154309

Ion Ratio Lower Upper

53 100

52 83.7 65.6 98.4

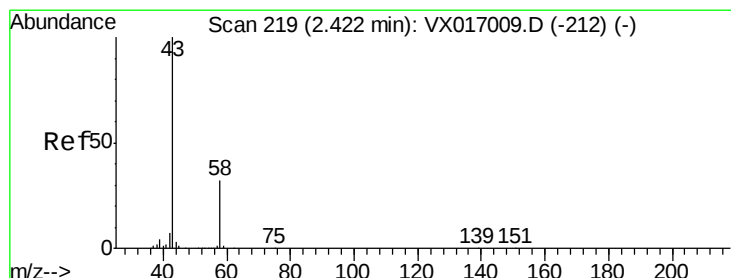
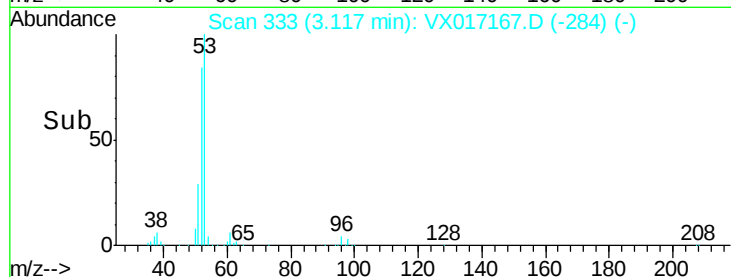
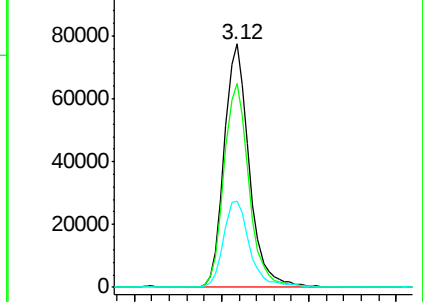
51 37.5 28.3 42.5



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: 87.291 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017167.D

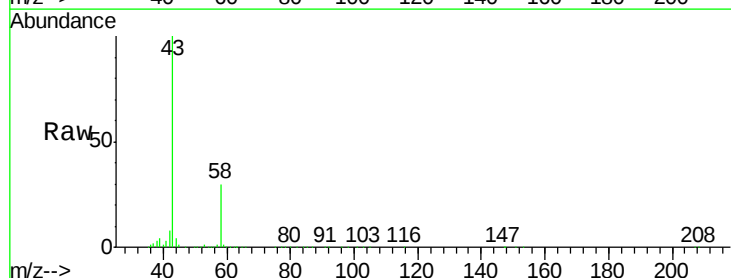
Acq: 06 Jul 2020 14:55

Tgt Ion: 43 Resp: 130126

Ion Ratio Lower Upper

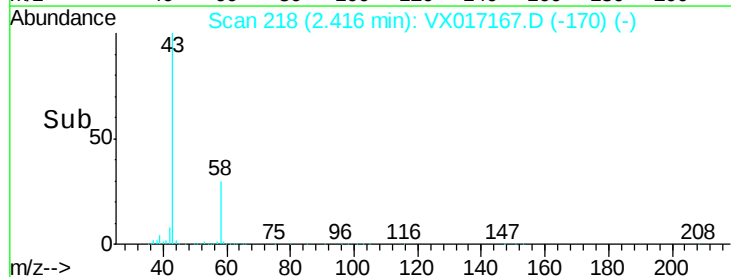
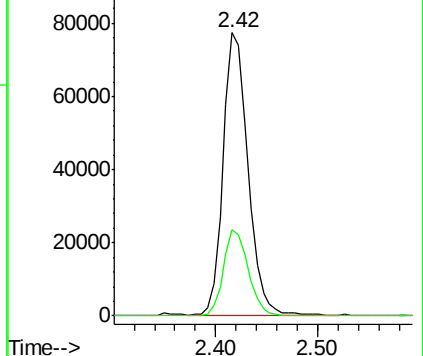
43 100

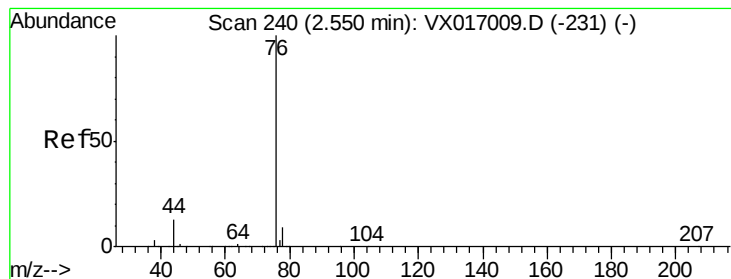
58 30.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.685 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

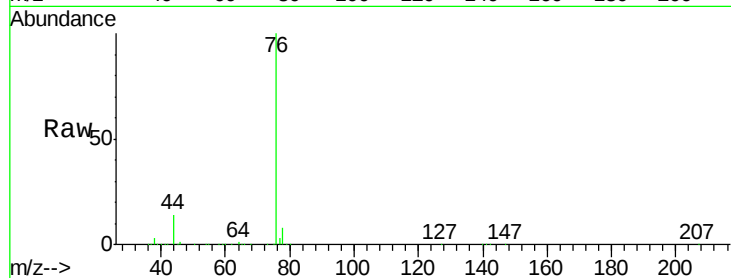
VX0706WBS01

Tgt Ion: 76 Resp: 157689

Ion Ratio Lower Upper

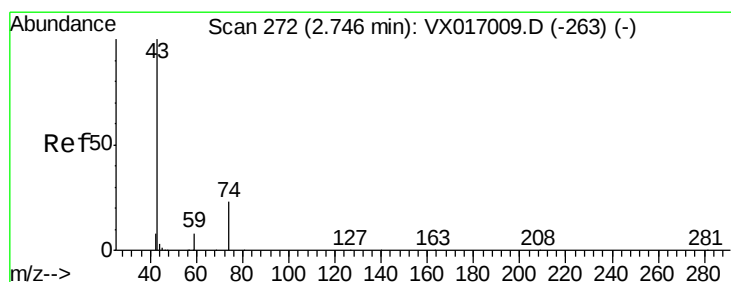
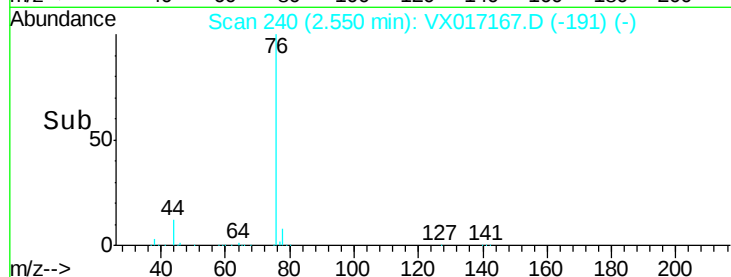
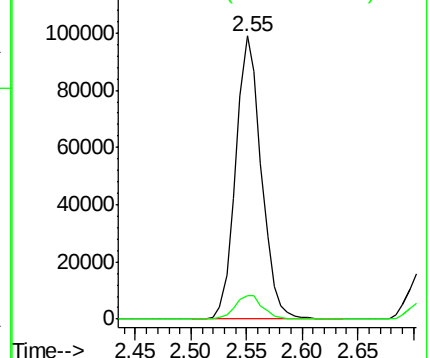
76 100

78 8.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.022 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017167.D

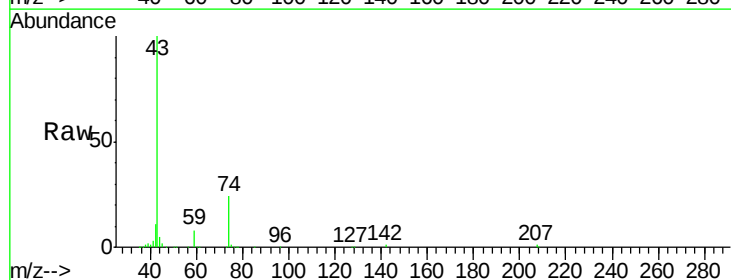
Acq: 06 Jul 2020 14:55

Tgt Ion: 43 Resp: 70133

Ion Ratio Lower Upper

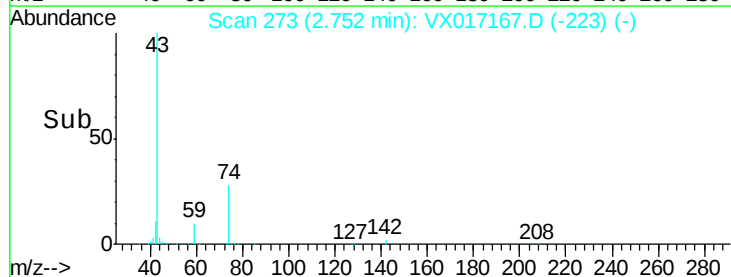
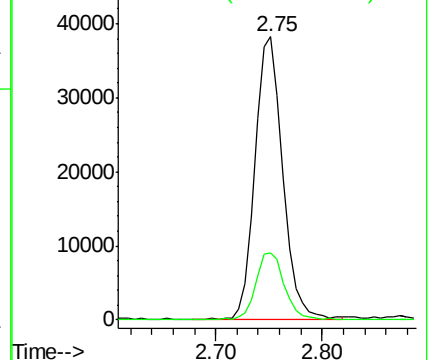
43 100

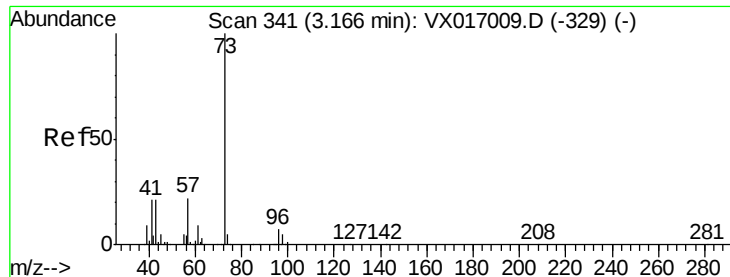
74 24.8 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



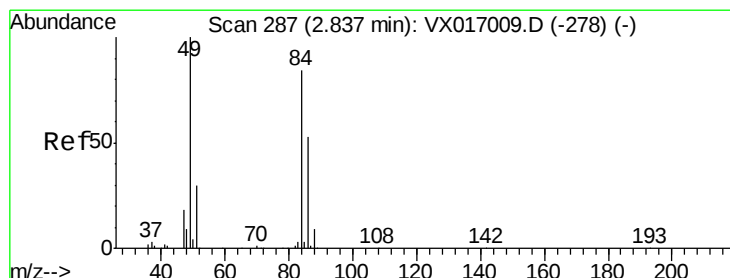
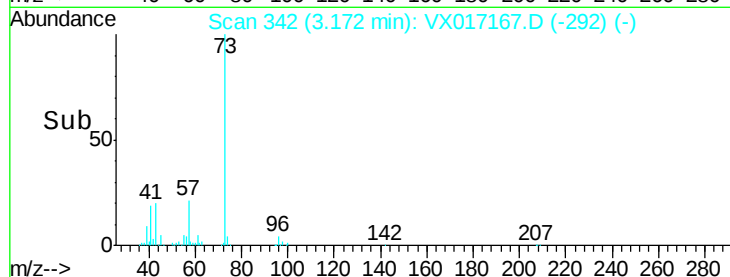
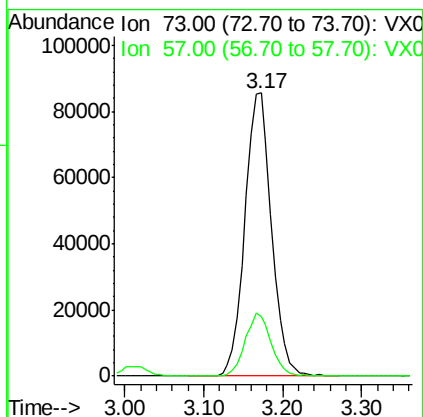
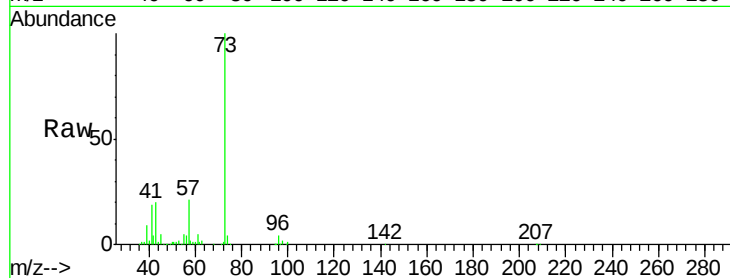


#19

Methyl tert-butyl Ether
 Concen: 18.706 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

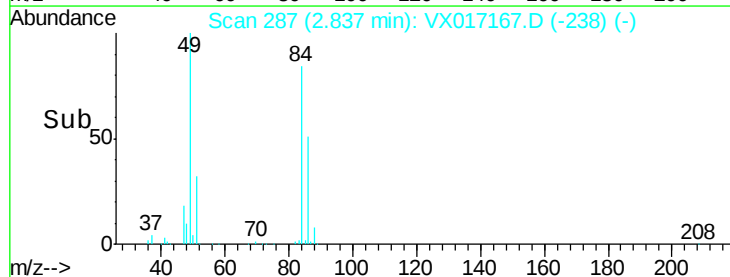
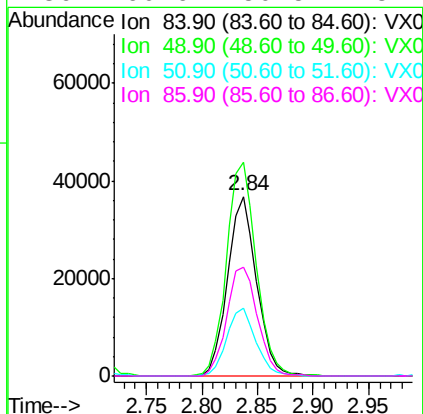
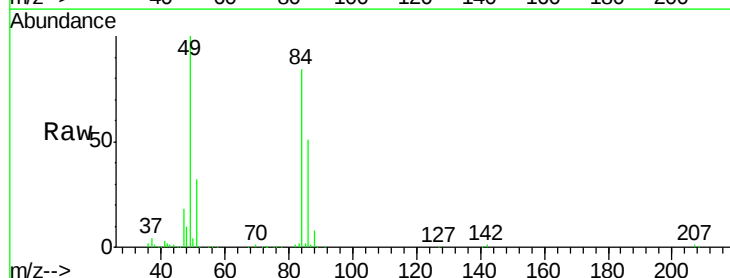
Tgt Ion: 73 Resp: 200769
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.6 26.4

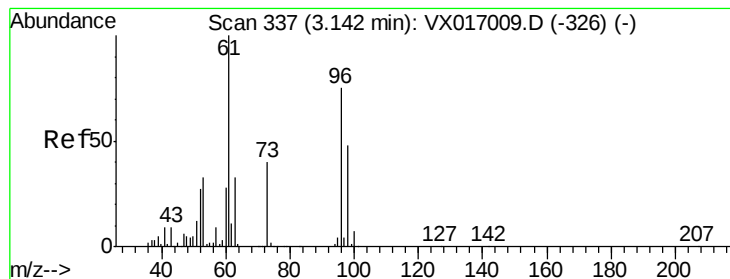


#20

Methylene Chloride
 Concen: 18.955 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion: 84 Resp: 66467
 Ion Ratio Lower Upper
 84 100
 49 118.9 94.7 142.1
 51 37.5 28.6 42.8
 86 60.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 17.968 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

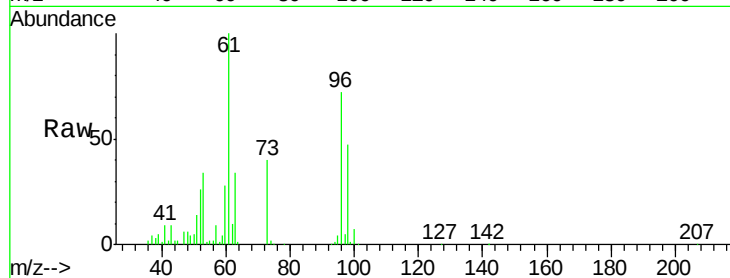
Tgt Ion: 96 Resp: 63768

Ion Ratio Lower Upper

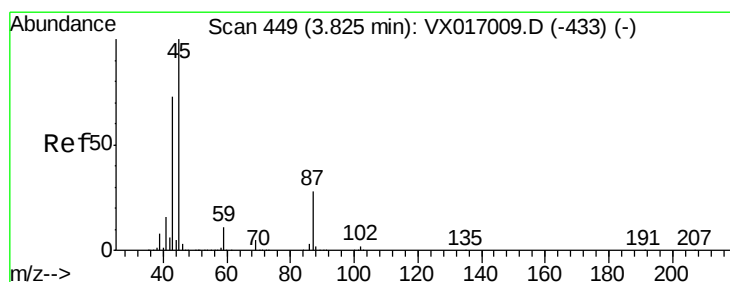
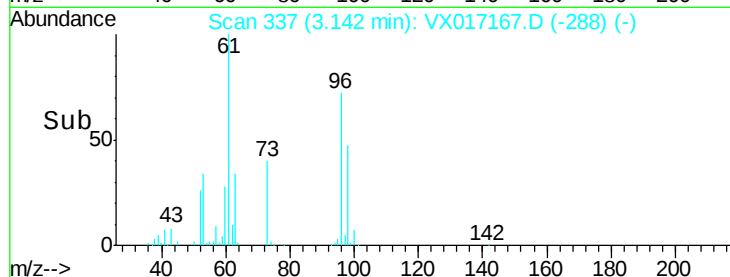
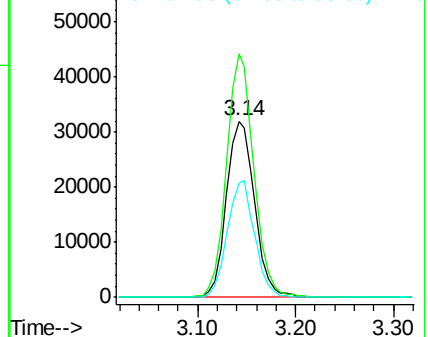
96 100

61 138.3 107.0 160.6

98 65.1 51.6 77.4



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: 17.852 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Tgt Ion: 45 Resp: 195275

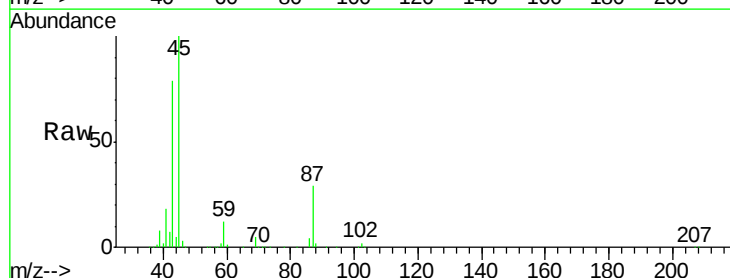
Ion Ratio Lower Upper

45 100

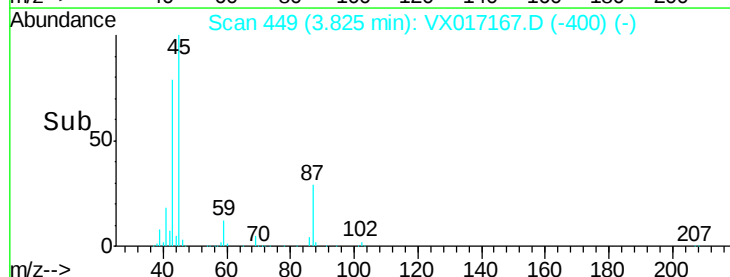
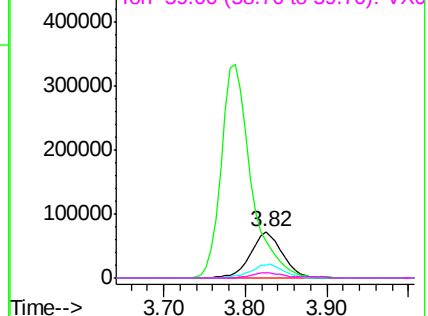
43 79.0 58.6 88.0

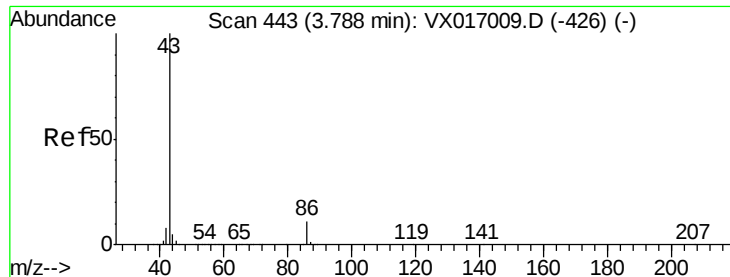
87 29.0 22.6 34.0

59 12.1 8.7 13.1



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: 90.516 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

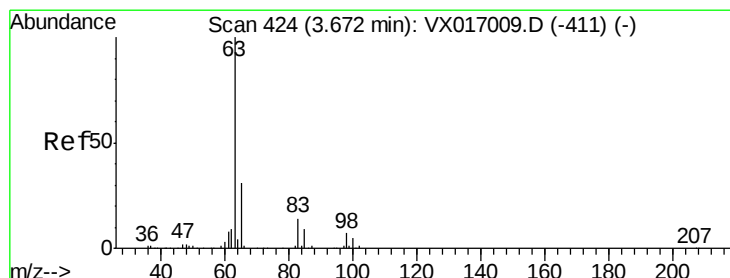
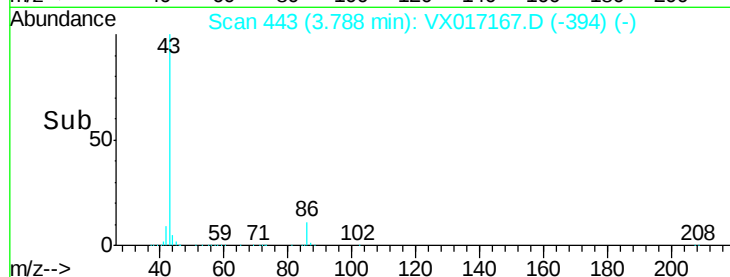
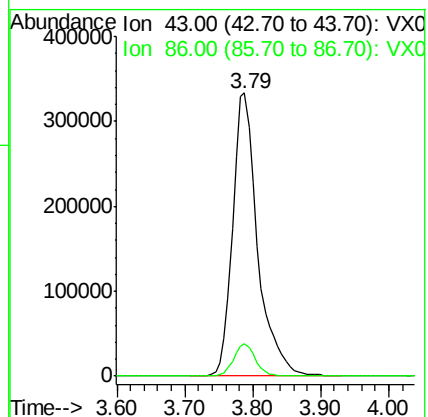
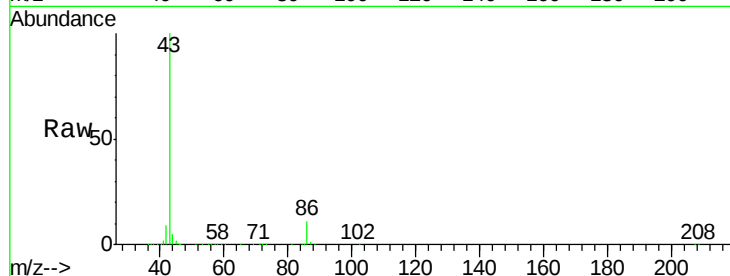
VX0706WBS01

Tgt Ion: 43 Resp: 850832

Ion Ratio Lower Upper

43 100

86 11.4 8.6 13.0



#24

1,1-Dichloroethane

Concen: 17.612 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

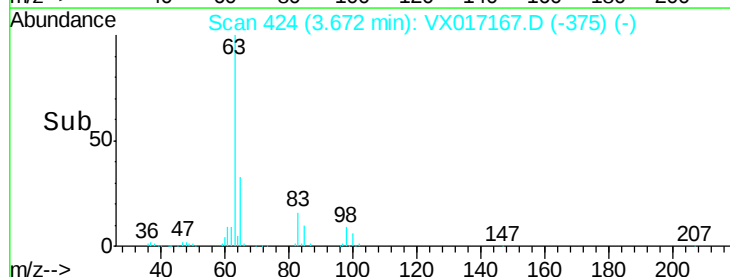
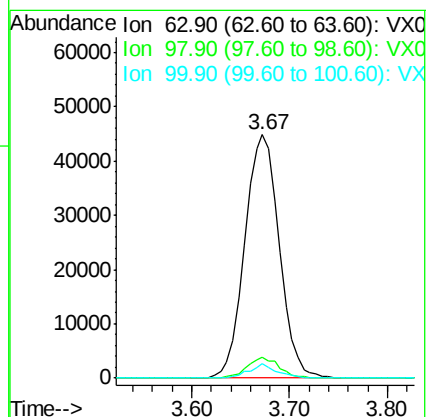
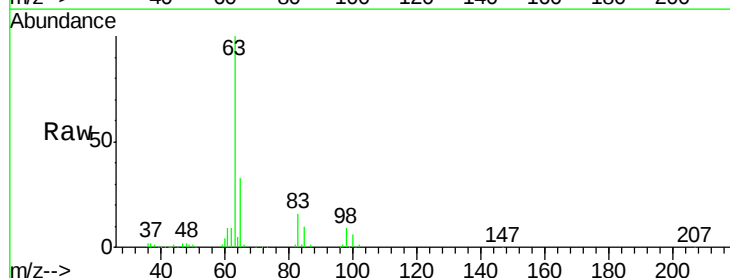
Tgt Ion: 63 Resp: 109616

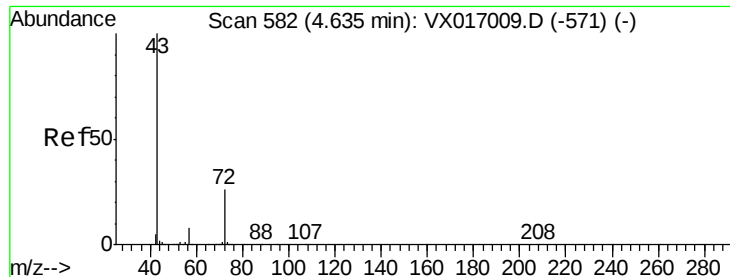
Ion Ratio Lower Upper

63 100

98 8.6 3.6 10.8

100 5.9 2.4 7.1





#25

2-Butanone

Concen: 84.953 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

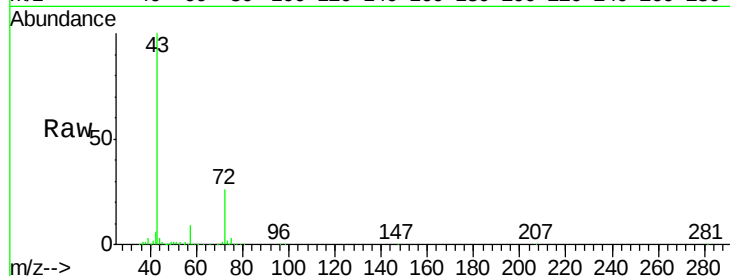
VX0706WBS01

Tgt Ion: 43 Resp: 211015

Ion Ratio Lower Upper

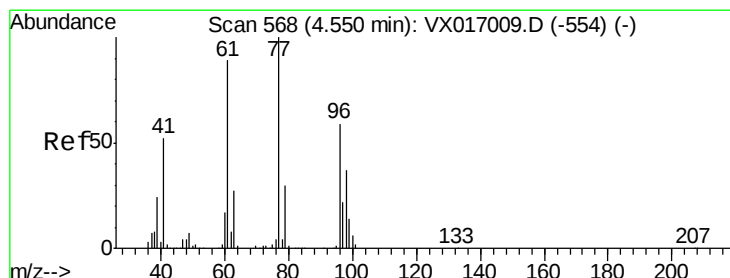
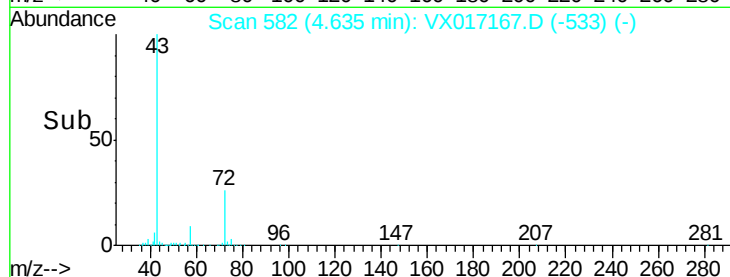
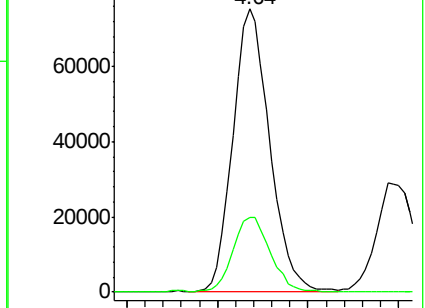
43 100

72 26.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.604 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017167.D

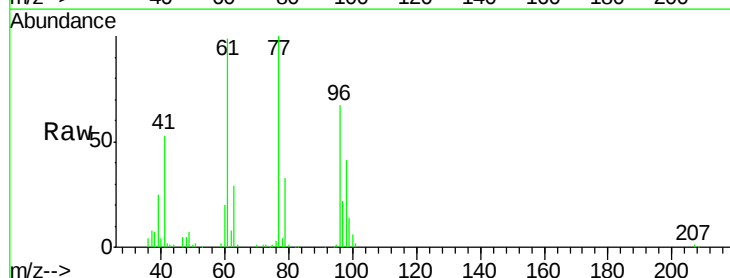
Acq: 06 Jul 2020 14:55

Tgt Ion: 77 Resp: 102815

Ion Ratio Lower Upper

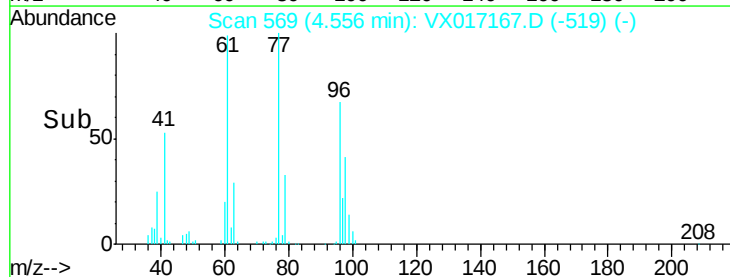
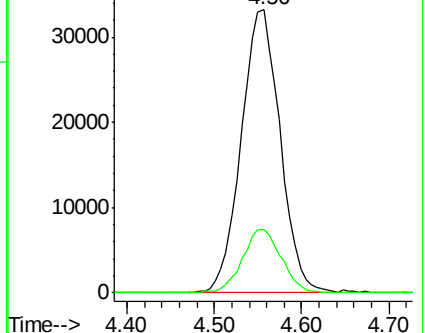
77 100

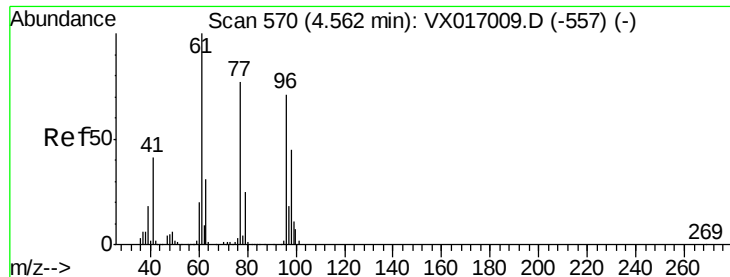
97 22.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



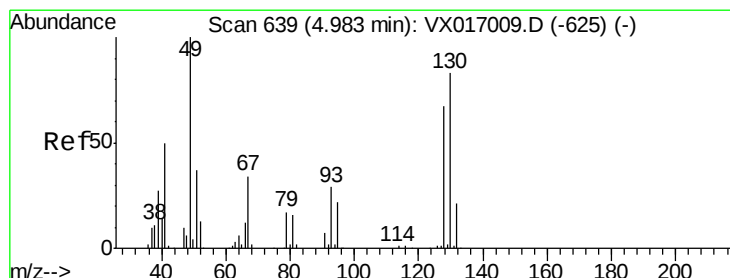
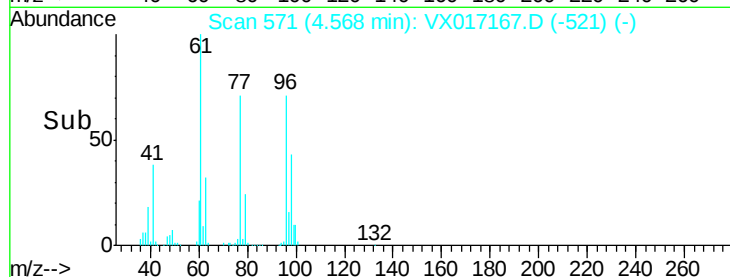
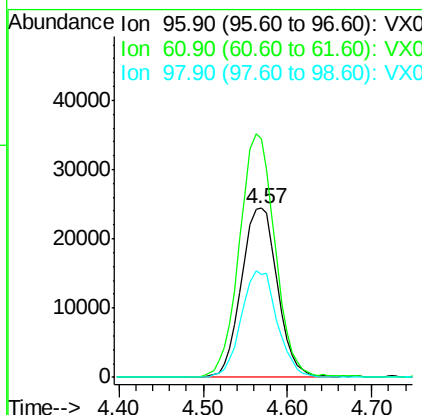
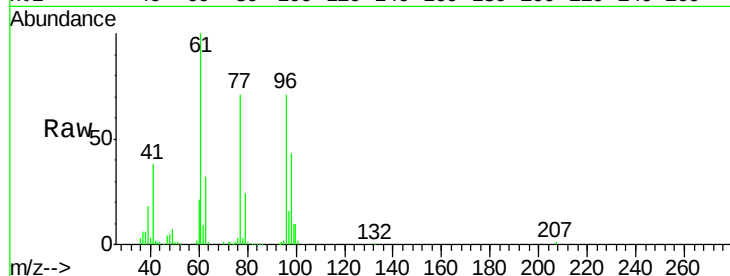


#27

cis-1,2-Dichloroethene
 Concen: 17.664 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

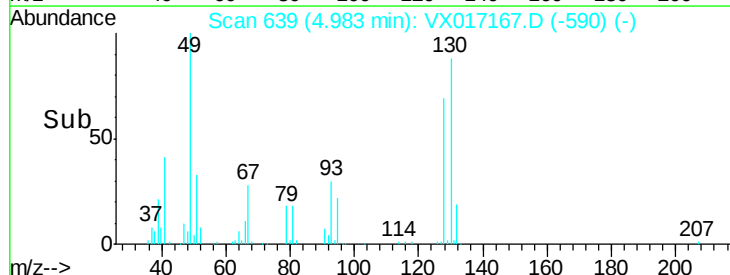
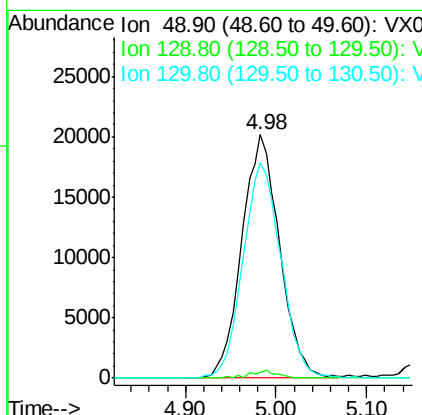
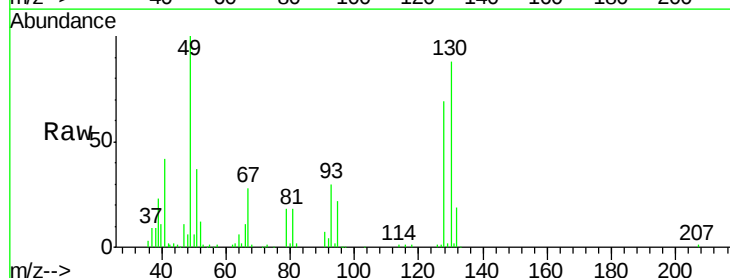
Tgt Ion: 96 Resp: 71032
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 282.8
 98 62.6 0.0 127.6

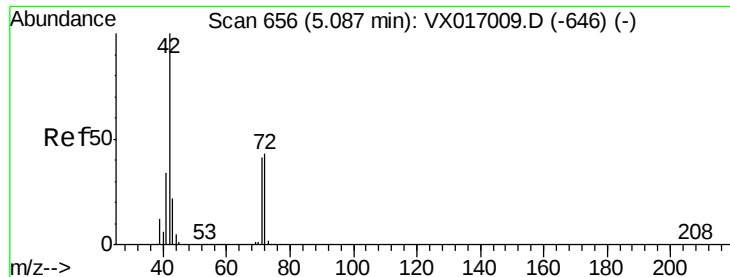


#28

Bromochloromethane
 Concen: 19.216 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion: 49 Resp: 58201
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 88.9 66.6 100.0

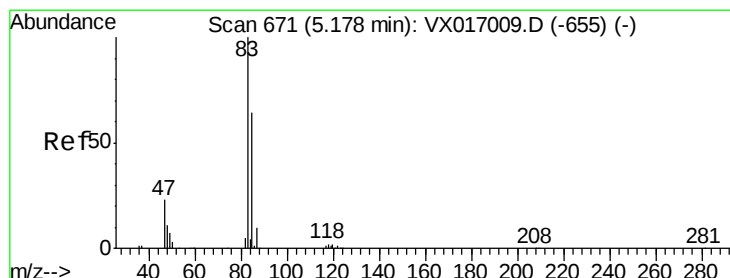
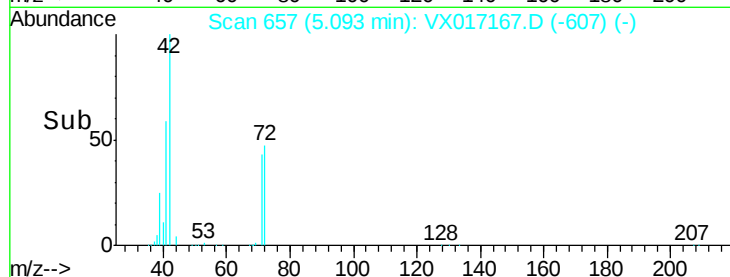
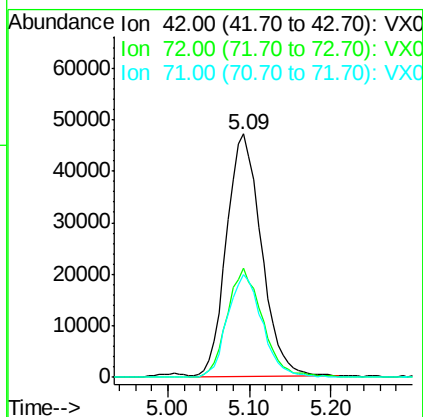
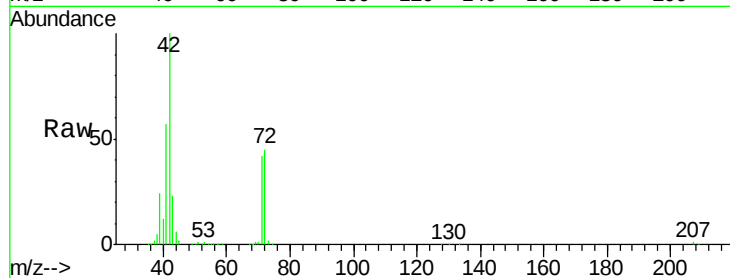




#29
Tetrahydrofuran
Concen: 85.059 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

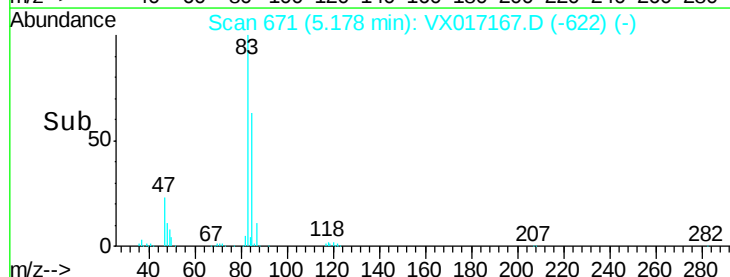
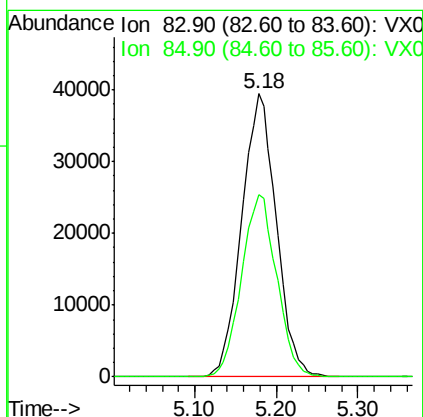
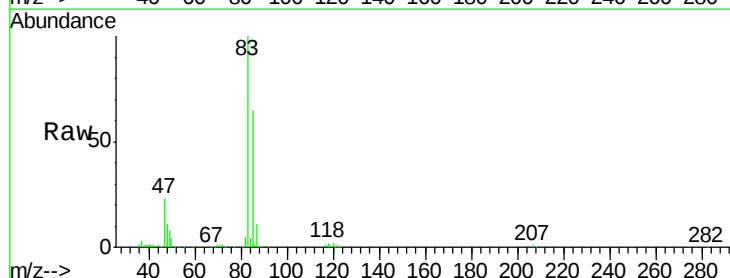
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

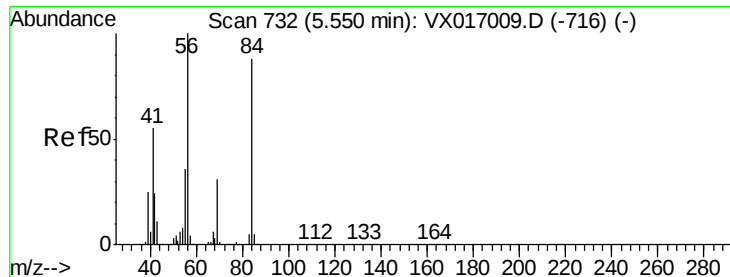
Tgt Ion: 42 Resp: 139596
Ion Ratio Lower Upper
42 100
72 45.7 35.3 52.9
71 42.0 33.1 49.7



#30
Chloroform
Concen: 18.222 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion: 83 Resp: 116260
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.2

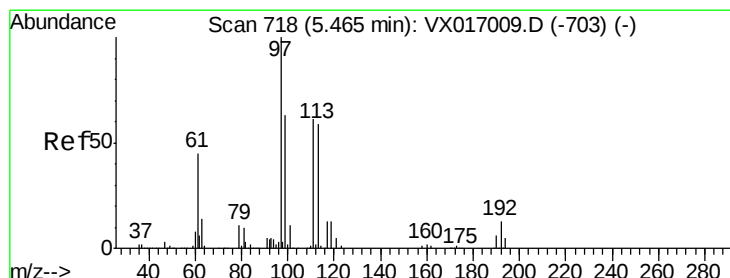
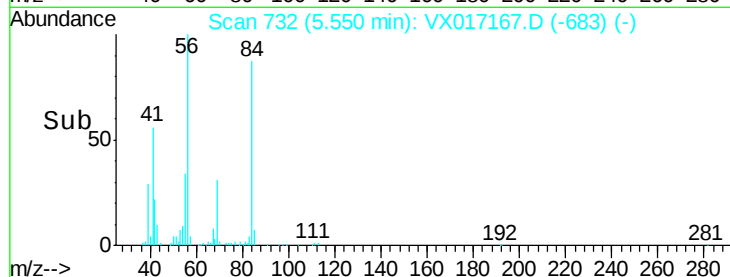
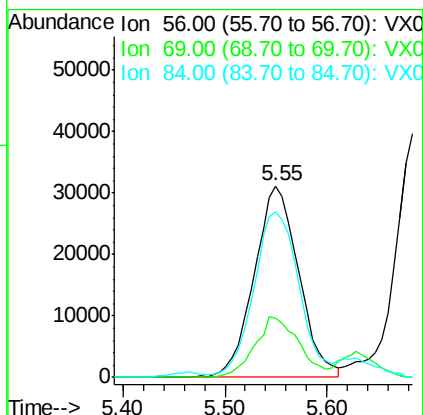
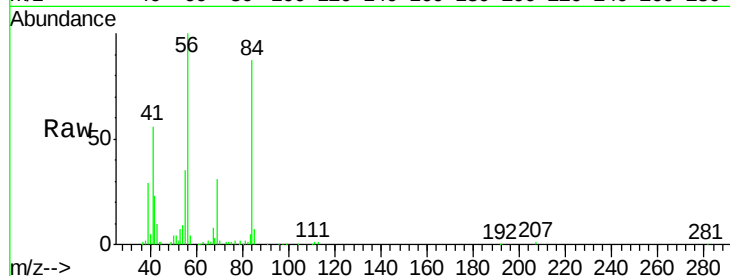




#31
Cyclohexane
Concen: 17.504 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

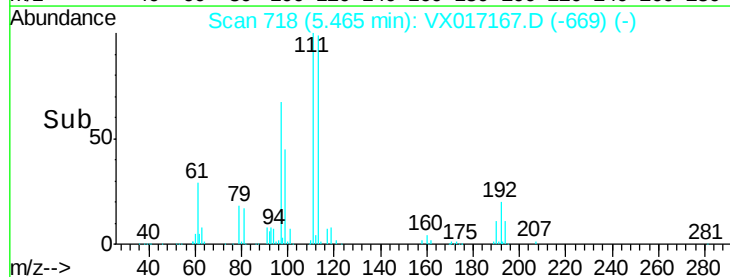
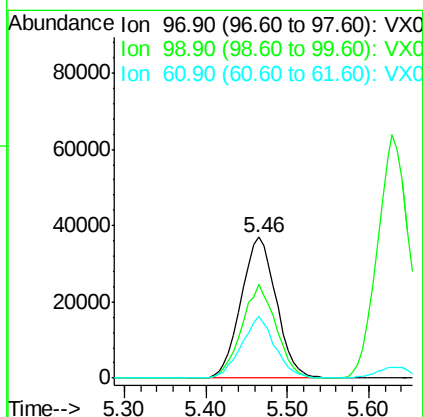
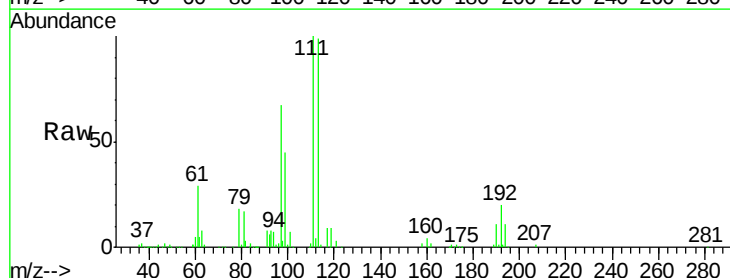
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

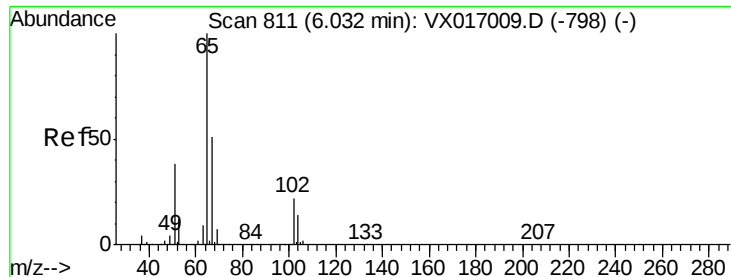
Tgt Ion: 56 Resp: 94172
Ion Ratio Lower Upper
56 100
69 30.8 25.0 37.4
84 83.7 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 18.860 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion: 97 Resp: 110823
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 41.8 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 48.895 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

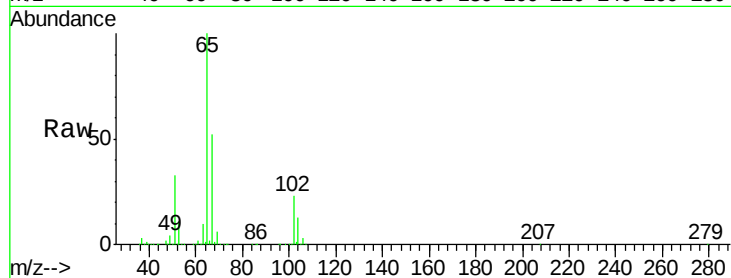
VX0706WBS01

Tgt Ion: 65 Resp: 194841

Ion Ratio Lower Upper

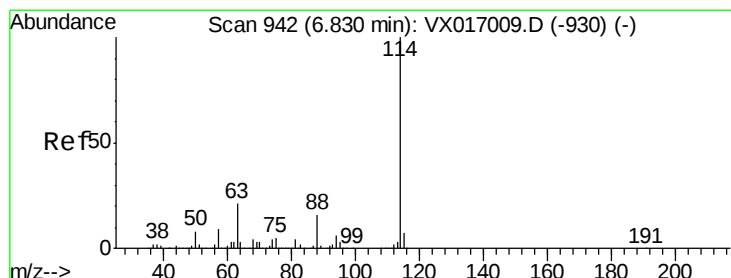
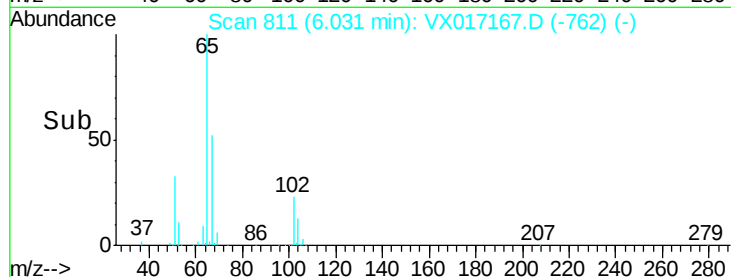
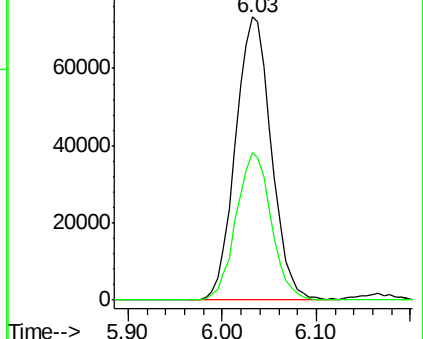
65 100

67 51.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

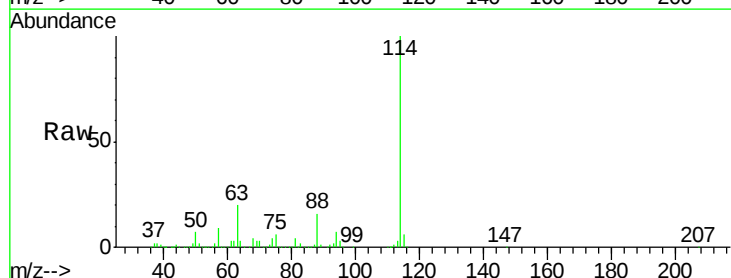
Tgt Ion: 114 Resp: 484962

Ion Ratio Lower Upper

114 100

63 19.8

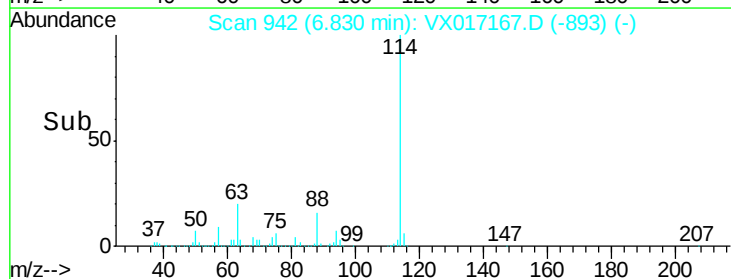
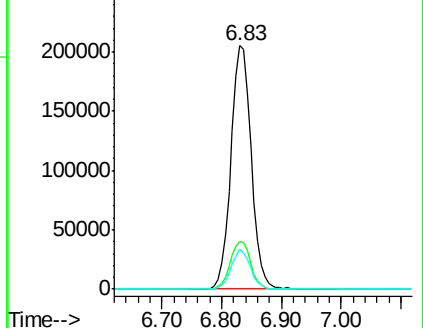
88 16.4

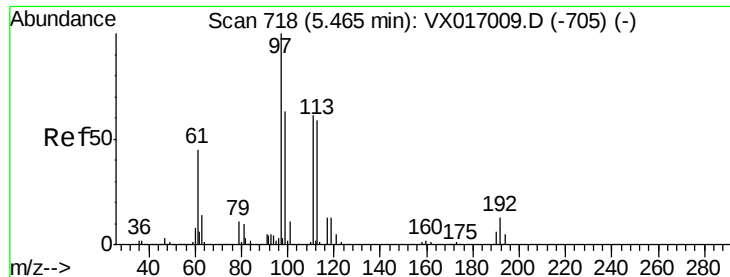


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.591 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

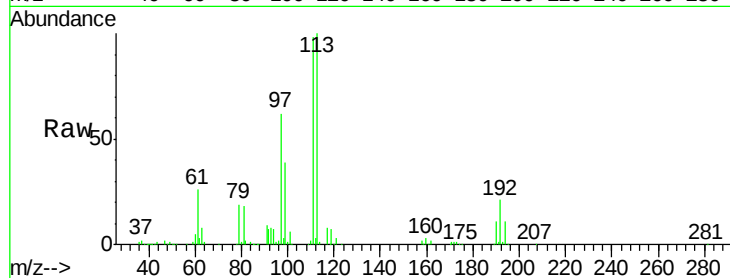
Tgt Ion:113 Resp: 158266

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

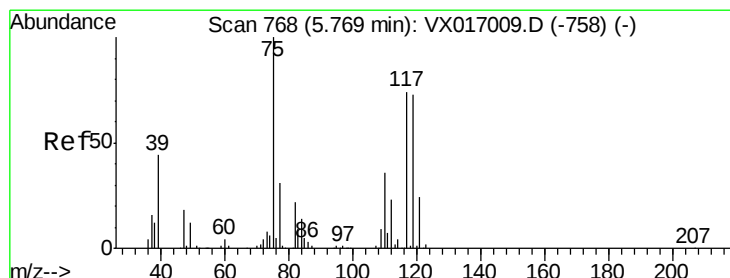
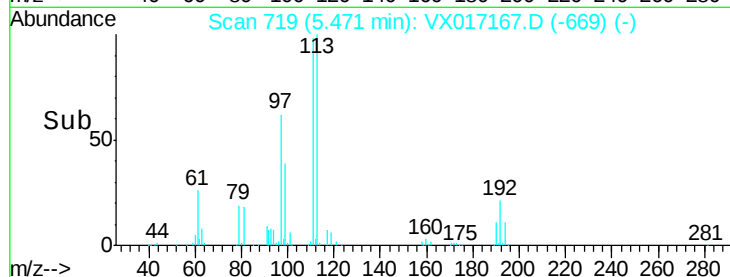
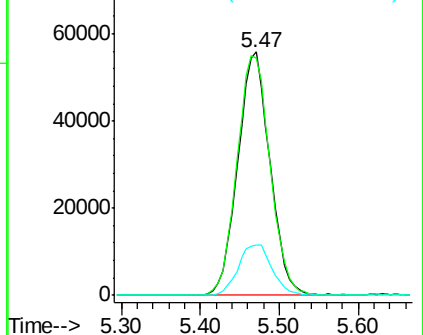
192 22.0 16.7 25.1



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: 18.466 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

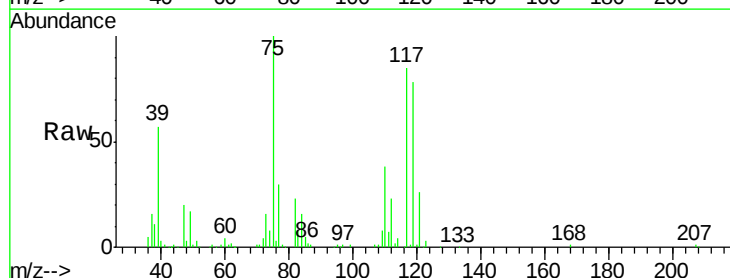
Tgt Ion: 75 Resp: 84640

Ion Ratio Lower Upper

75 100

110 37.9 18.1 54.1

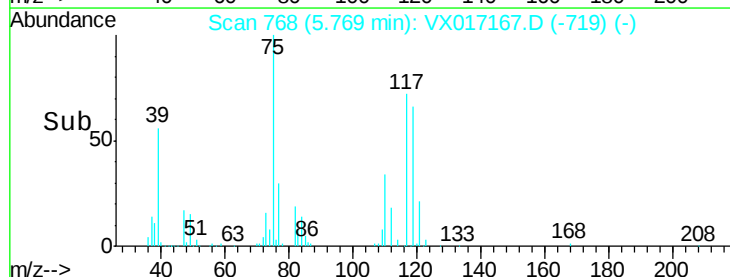
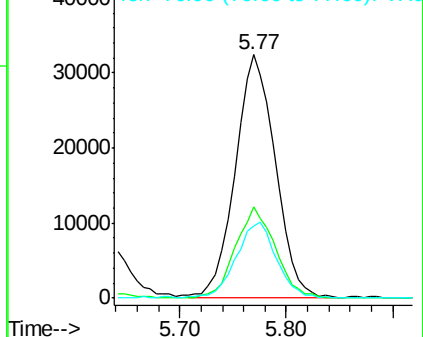
77 31.6 24.6 37.0

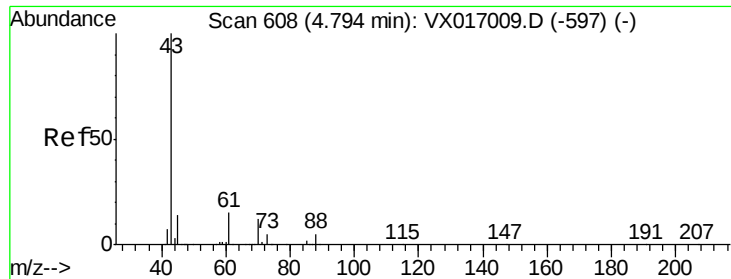


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

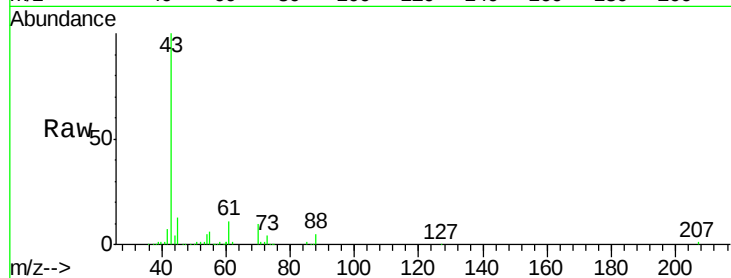




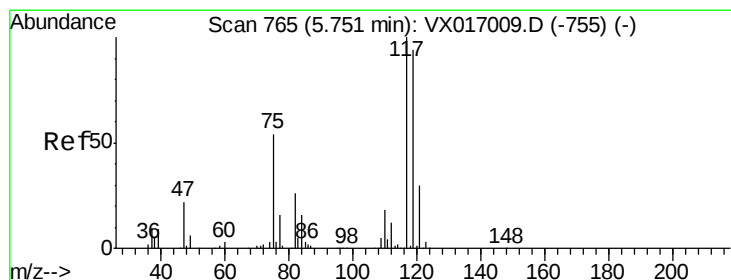
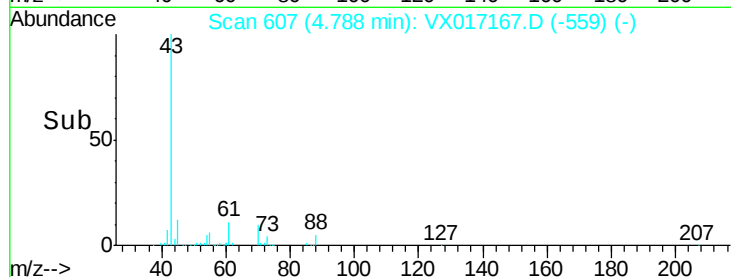
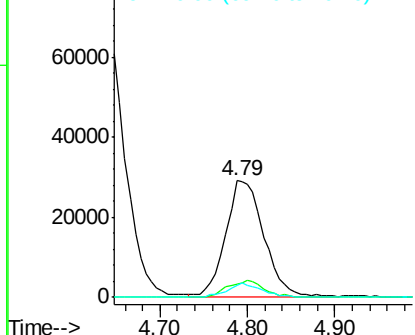
#37
Ethyl Acetate
Concen: 18.713 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tgt Ion: 43 Resp: 87023
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.4
70 11.1 8.9 13.3

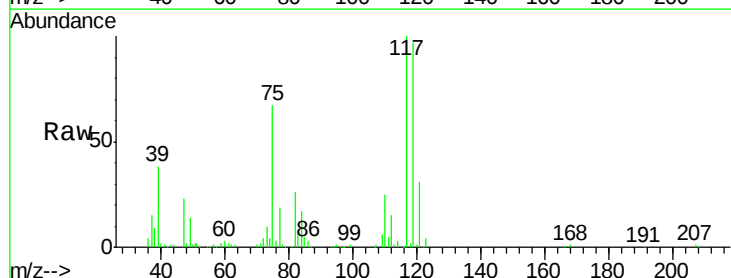


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

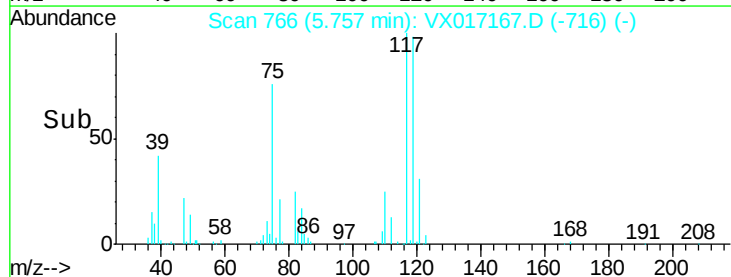
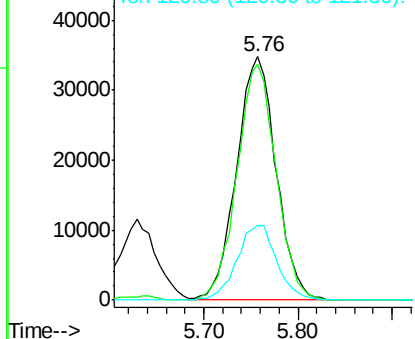


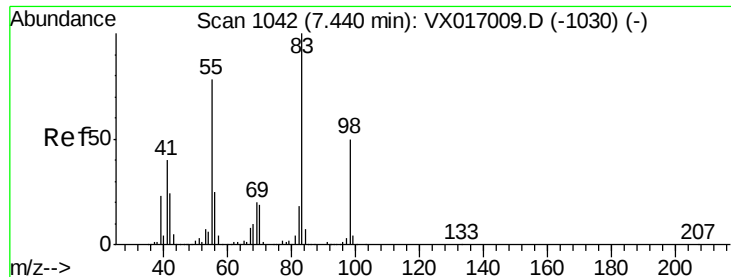
#38
Carbon Tetrachloride
Concen: 20.231 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion: 117 Resp: 102134
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.0
121 30.8 23.8 35.6



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

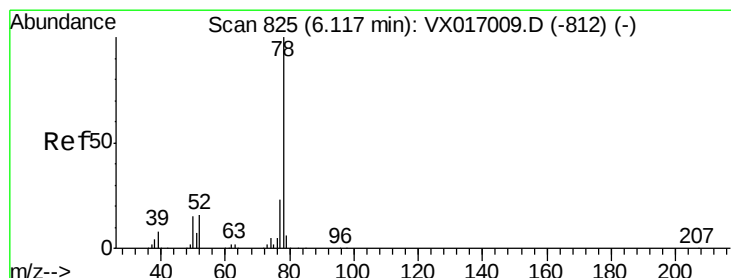
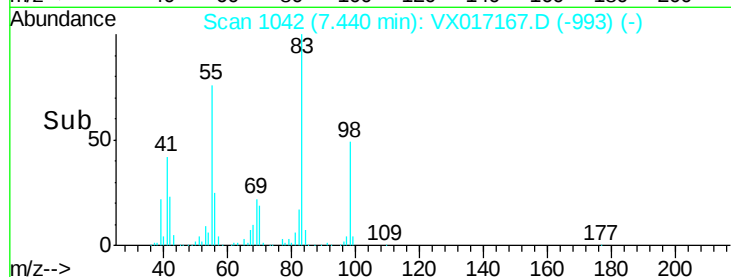
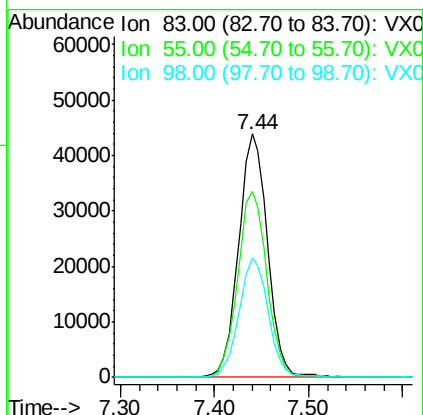
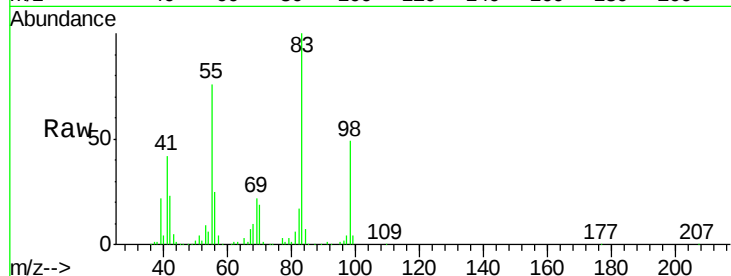




#39
Methylcyclohexane
Concen: 18.460 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

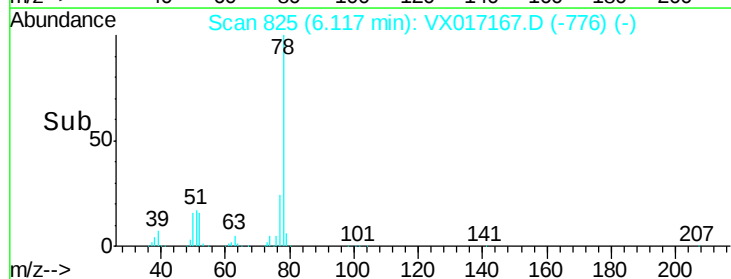
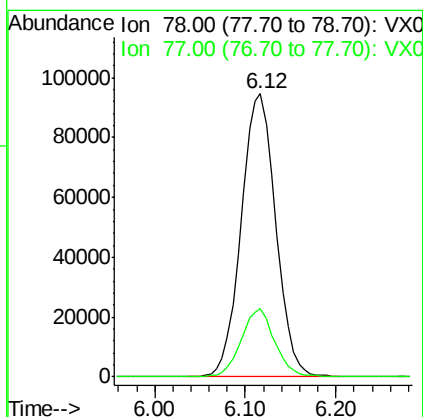
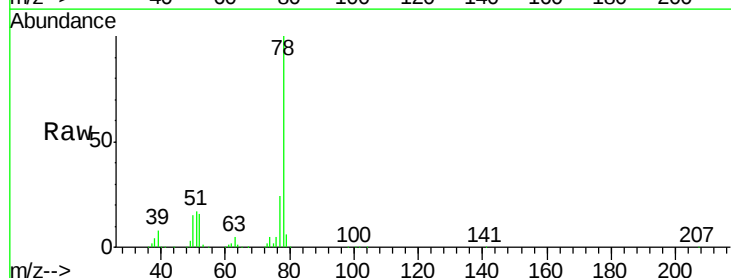
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

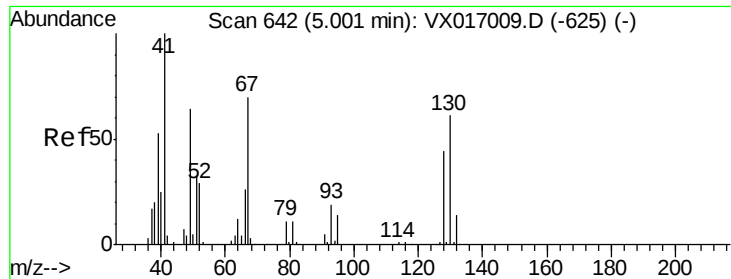
Tgt Ion: 83 Resp: 94142
Ion Ratio Lower Upper
83 100
55 76.4 62.5 93.7
98 49.3 40.1 60.1



#40
Benzene
Concen: 18.547 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion: 78 Resp: 249767
Ion Ratio Lower Upper
78 100
77 24.3 18.3 27.5

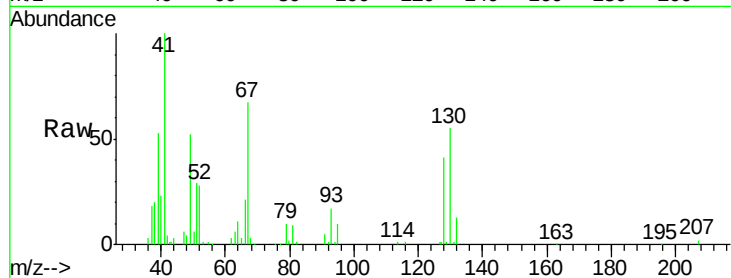




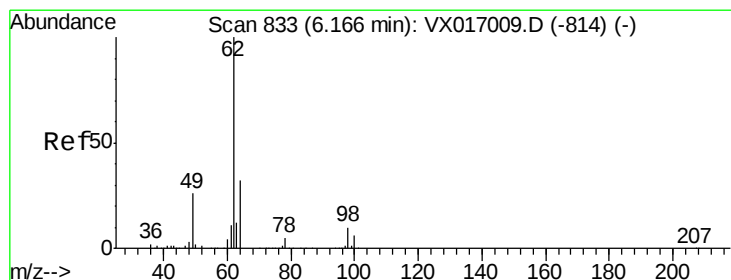
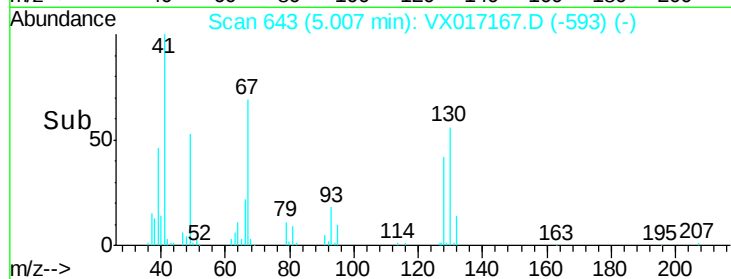
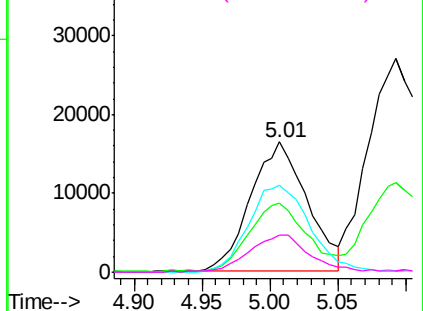
#41
Methacrylonitrile
Concen: 18.233 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tgt Ion: 41 Resp: 47724
Ion Ratio Lower Upper
41 100
39 53.4 44.4 66.6
67 73.4 57.1 85.7
52 31.1 23.2 34.8

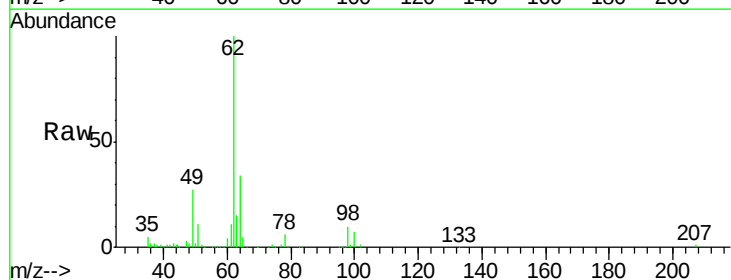


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

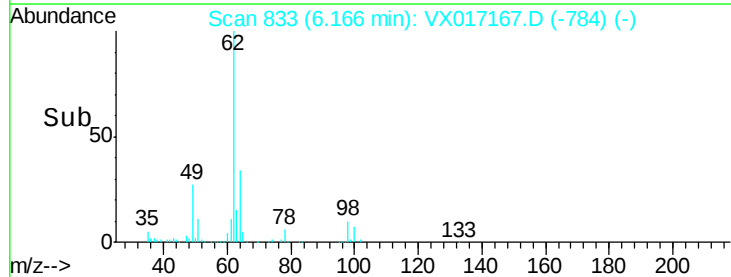
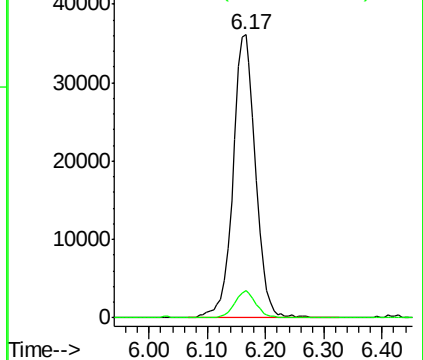


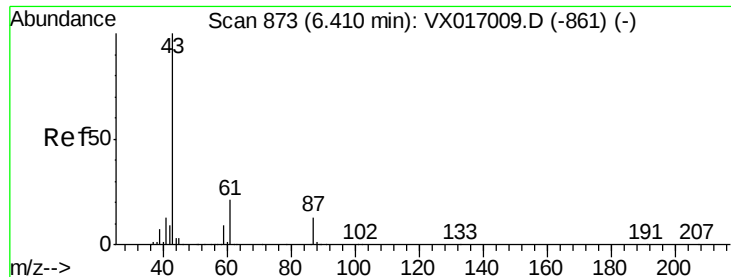
#42
1,2-Dichloroethane
Concen: 19.894 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion: 62 Resp: 96773
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.2



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



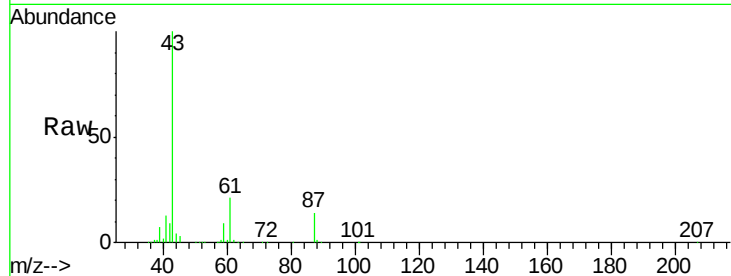


#43

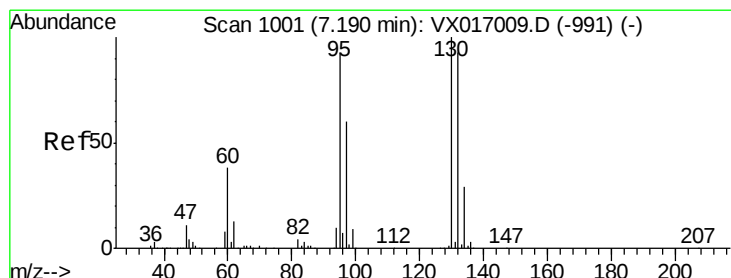
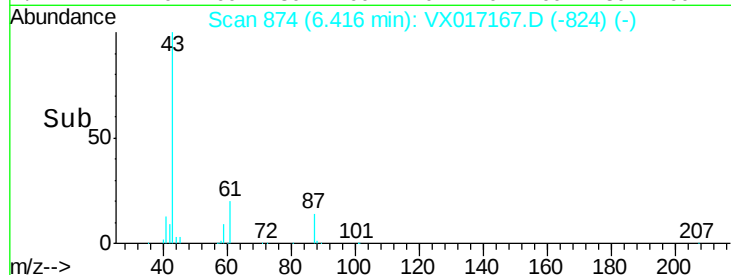
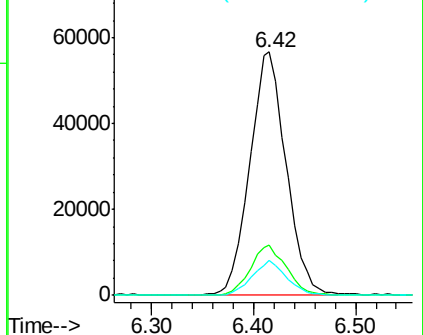
Isopropyl Acetate
 Concen: 18.072 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tgt Ion: 43 Resp: 139654
 Ion Ratio Lower Upper
 43 100
 61 20.8 16.2 24.2
 87 13.6 10.7 16.1



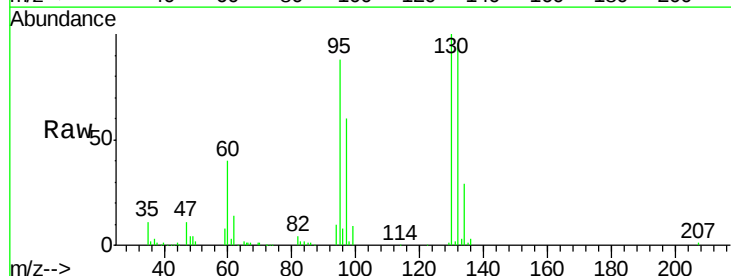
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



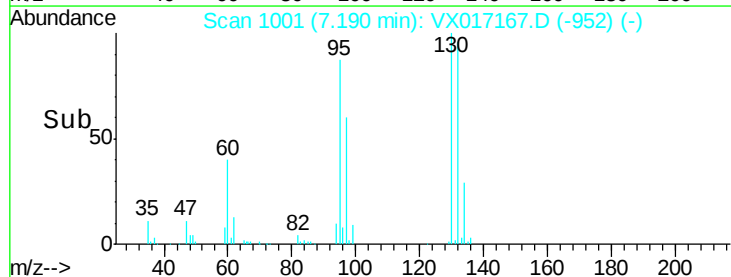
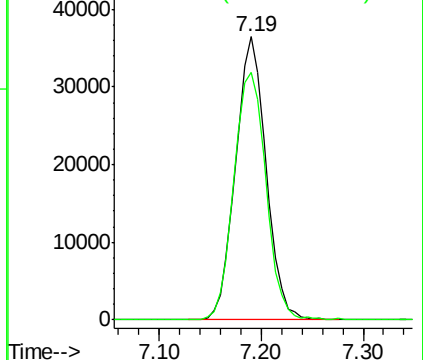
#44

Trichloroethene
 Concen: 20.145 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion: 130 Resp: 75551
 Ion Ratio Lower Upper
 130 100
 95 87.6 0.0 185.0



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

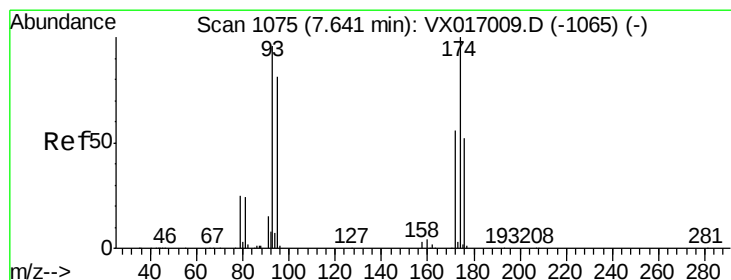
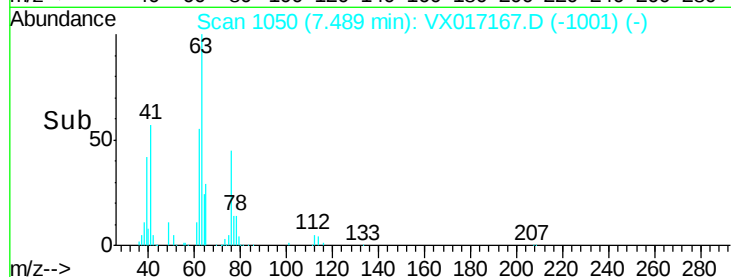
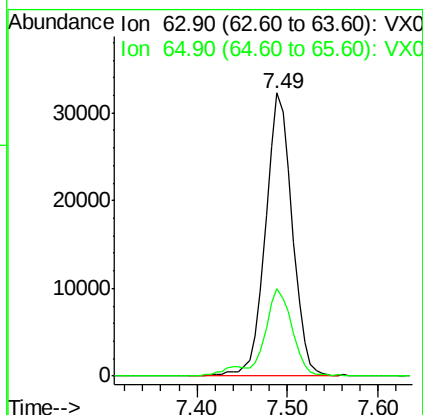
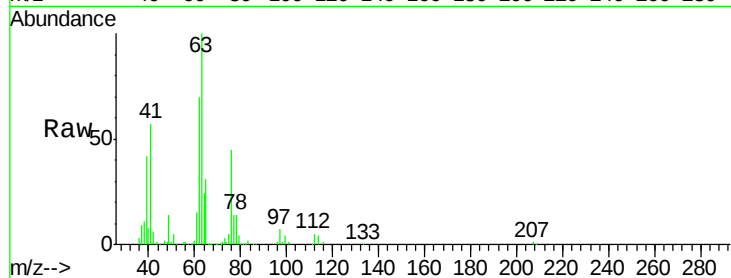




#45
 1,2-Dichloropropane
 Concen: 19.047 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

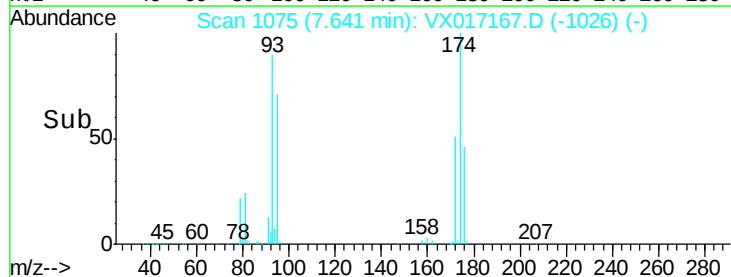
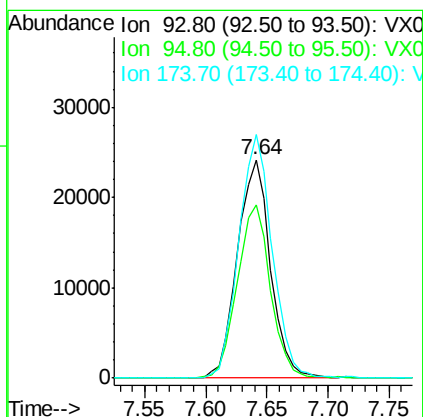
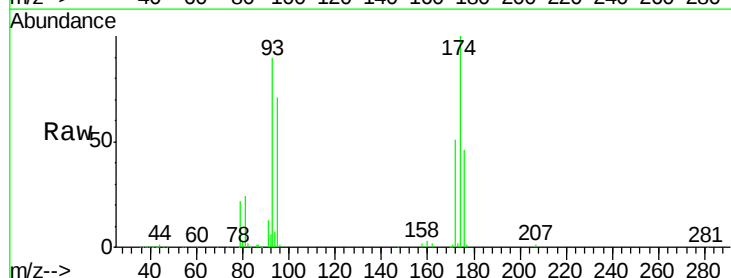
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

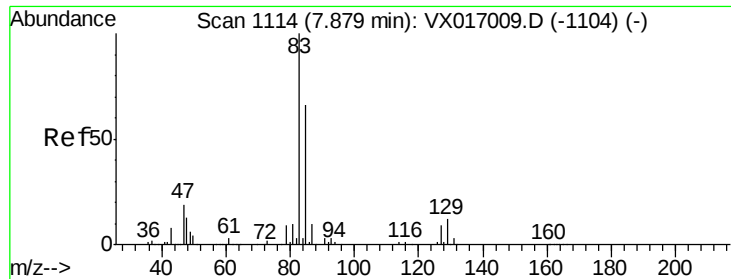
Tgt Ion: 63 Resp: 65883
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 36.8



#46
 Dibromomethane
 Concen: 19.218 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion: 93 Resp: 45382
 Ion Ratio Lower Upper
 93 100
 95 80.0 67.4 101.0
 174 112.7 84.3 126.5





#47

Bromodichloromethane

Concen: 19.876 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

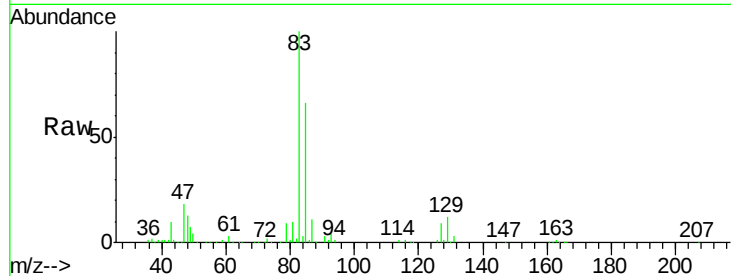
Tgt Ion: 83 Resp: 96728

Ion Ratio Lower Upper

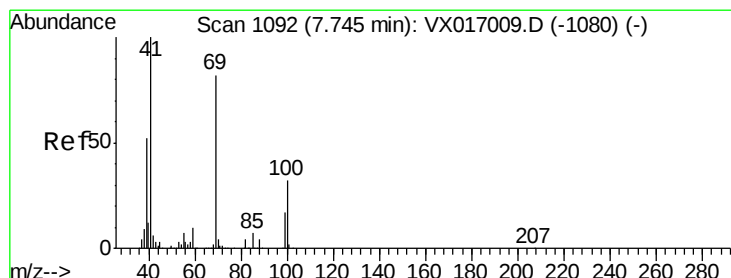
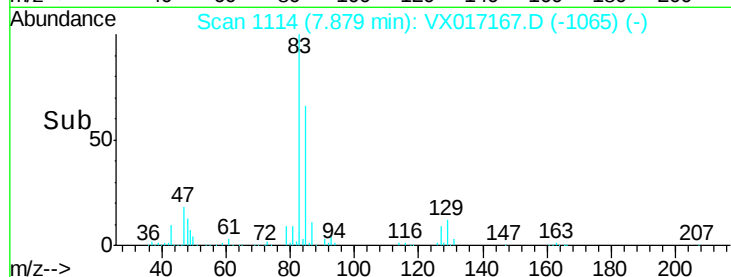
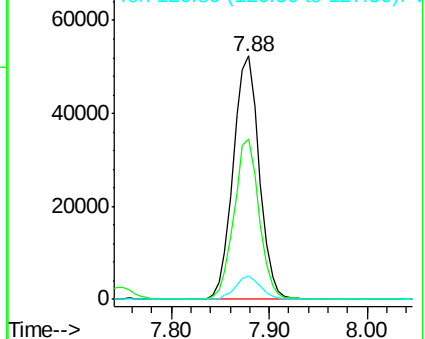
83 100

85 65.7 53.0 79.4

127 9.4 7.5 11.3



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: 18.510 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

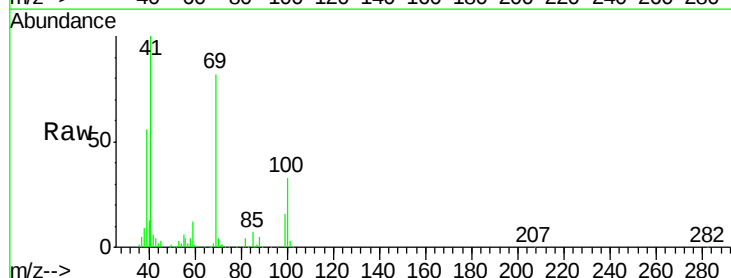
Tgt Ion: 41 Resp: 67956

Ion Ratio Lower Upper

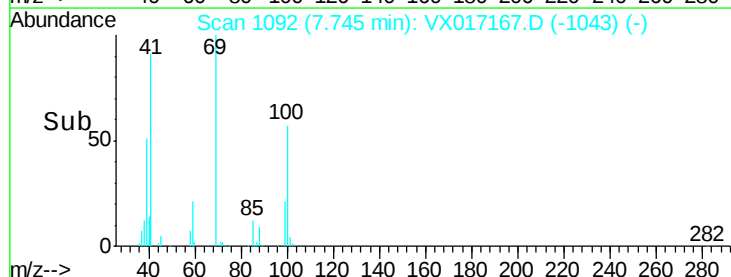
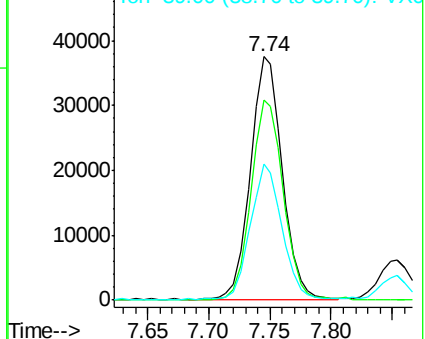
41 100

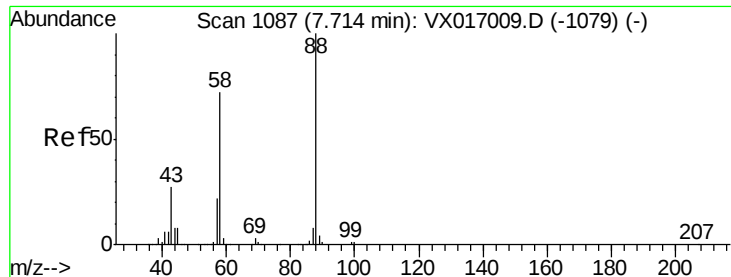
69 83.3 65.8 98.8

39 55.6 42.5 63.7



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

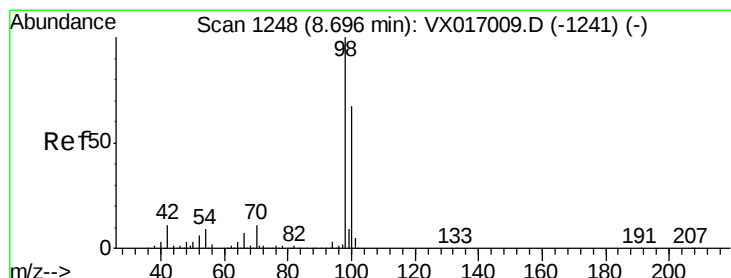
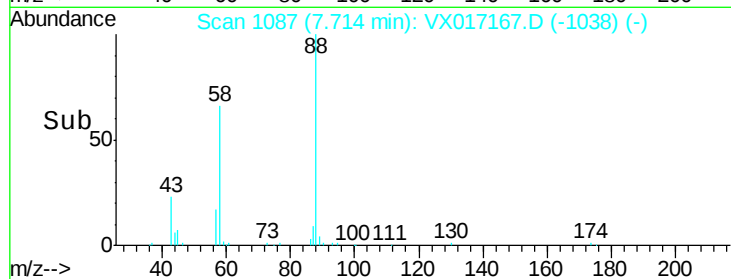
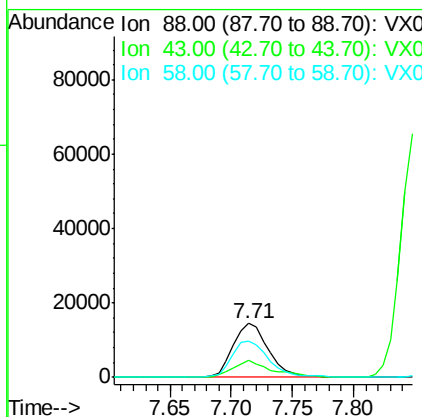
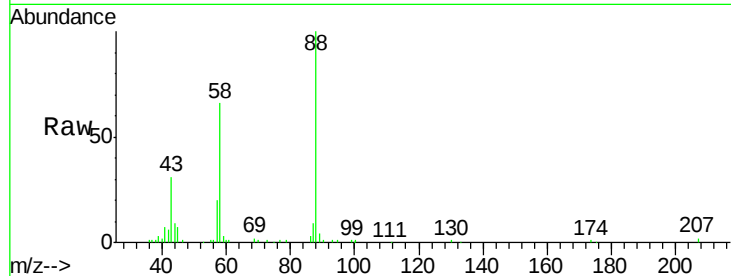




#49
 1,4-Dioxane
 Concen: 349.748 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

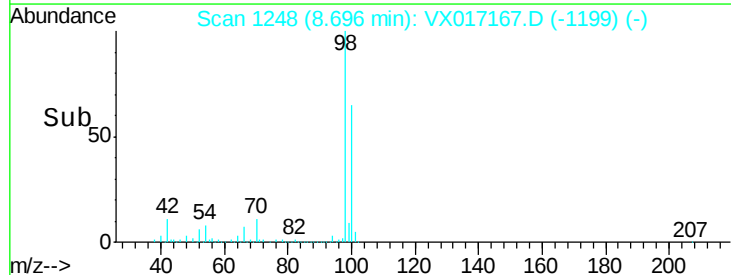
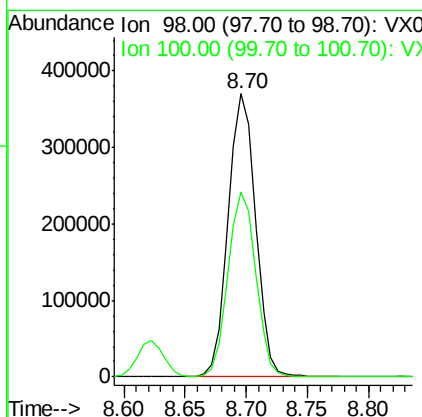
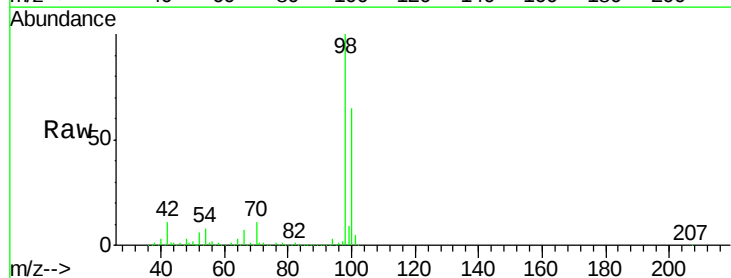
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

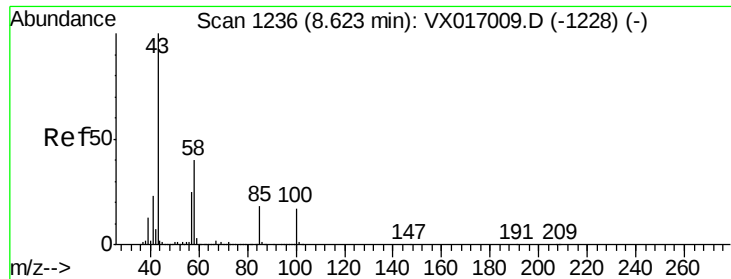
Tgt Ion: 88 Resp: 29090
 Ion Ratio Lower Upper
 88 100
 43 35.8 25.8 38.8
 58 71.7 54.8 82.2



#50
 Toluene-d8
 Concen: 50.680 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion: 98 Resp: 574902
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.8 80.6

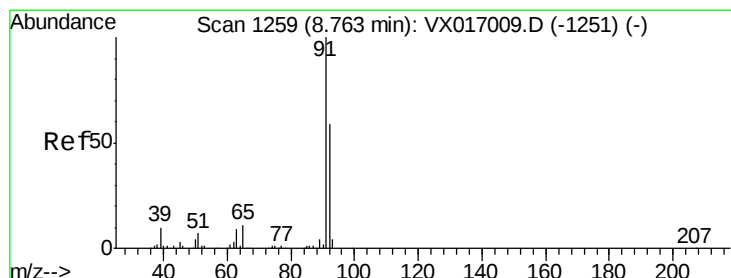
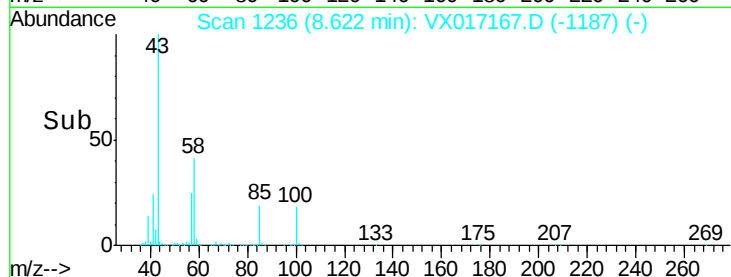
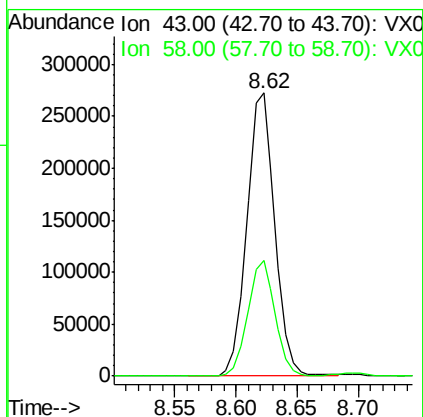
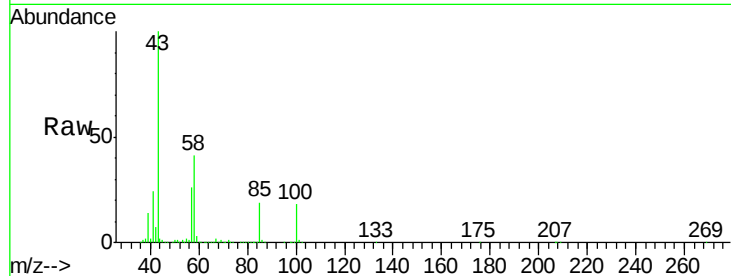




#51
 4-Methyl-2-Pentanone
 Concen: 93.634 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

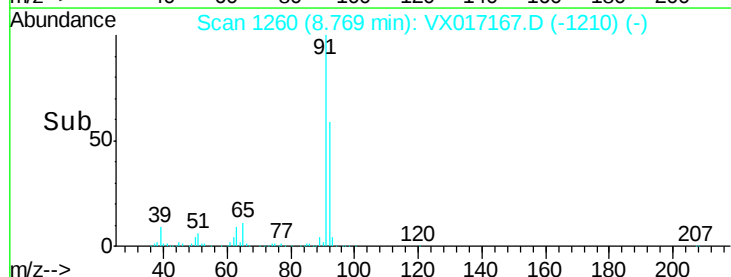
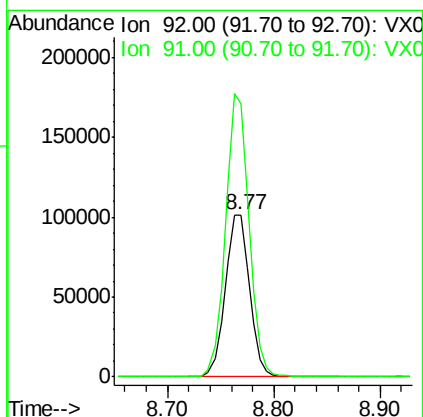
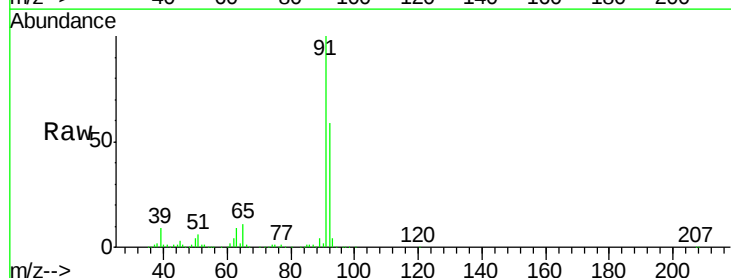
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

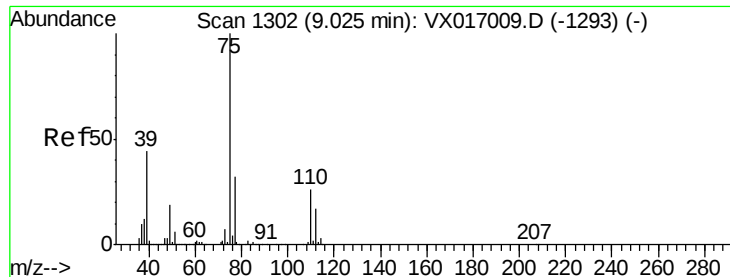
Tgt Ion: 43 Resp: 431322
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.9 47.9



#52
 Toluene
 Concen: 19.356 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion: 92 Resp: 162743
 Ion Ratio Lower Upper
 92 100
 91 168.5 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 19.762 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

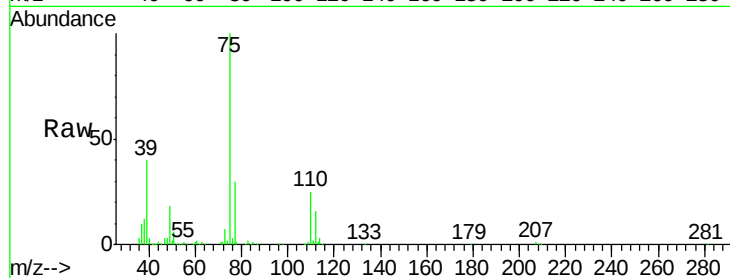
VX0706WBS01

Tgt Ion: 75 Resp: 106112

Ion Ratio Lower Upper

75 100

77 30.3 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

80000

60000

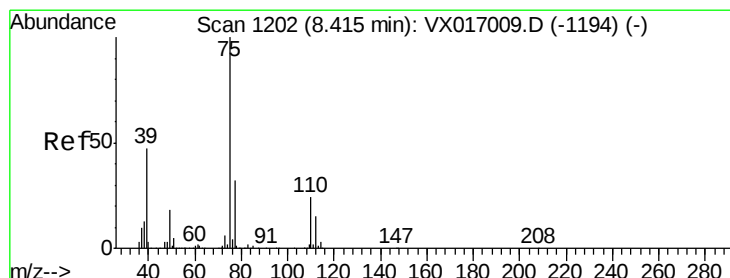
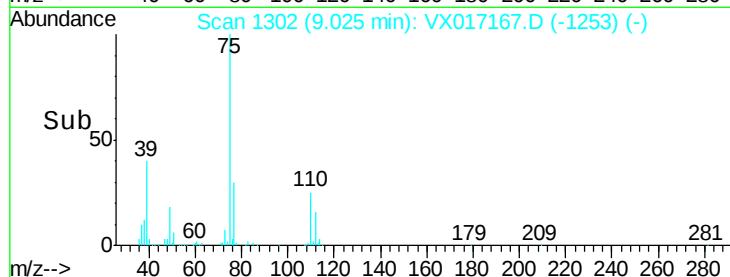
40000

20000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.127 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

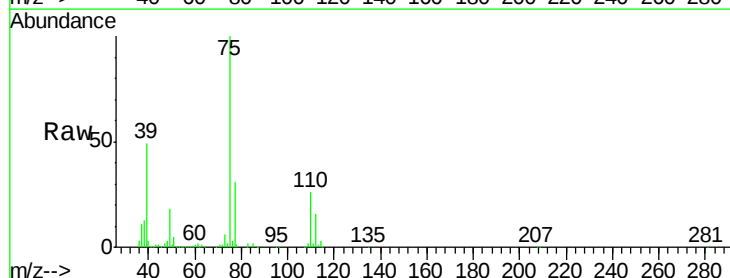
Tgt Ion: 75 Resp: 110093

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 48.9 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

80000

60000

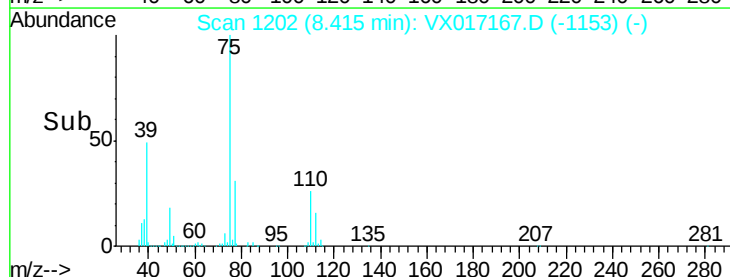
40000

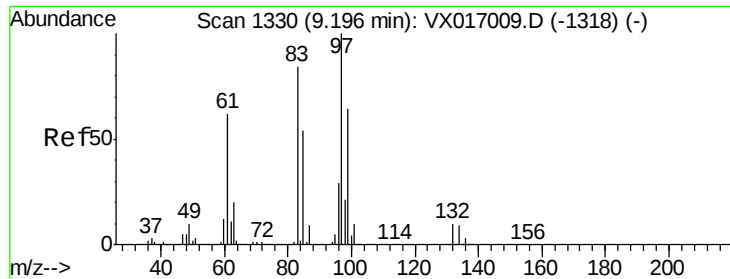
20000

0

8.35 8.40 8.45 8.50

Time-->

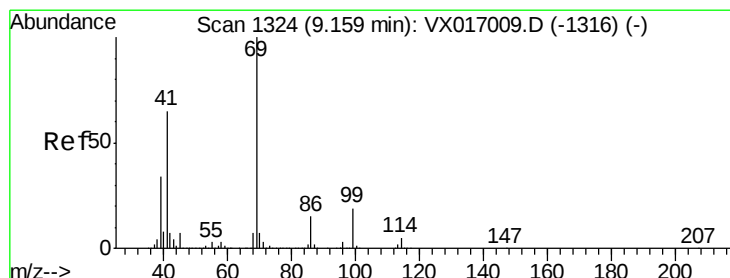
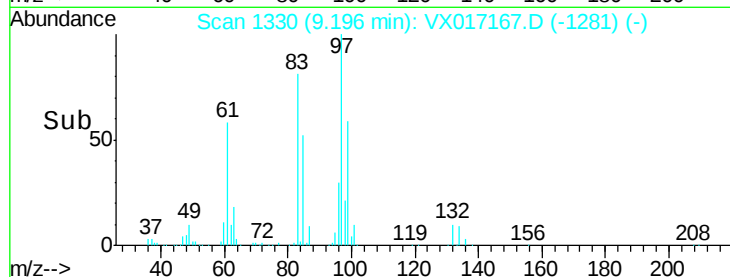
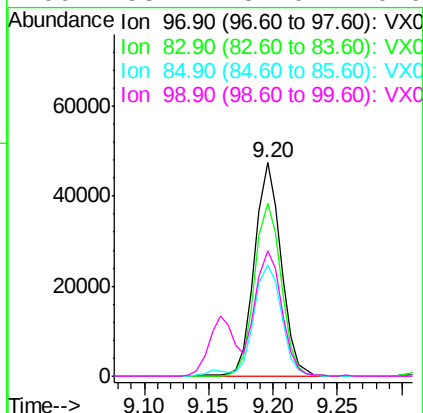
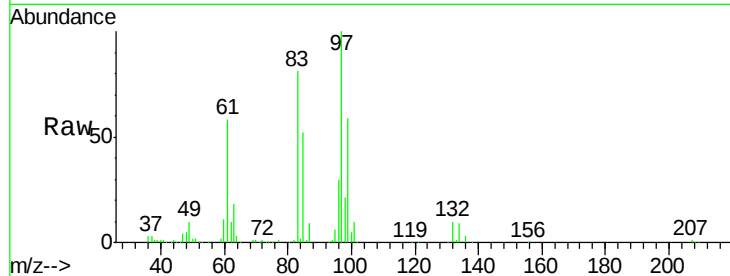




#55
 1,1,2-Trichloroethane
 Concen: 19.639 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

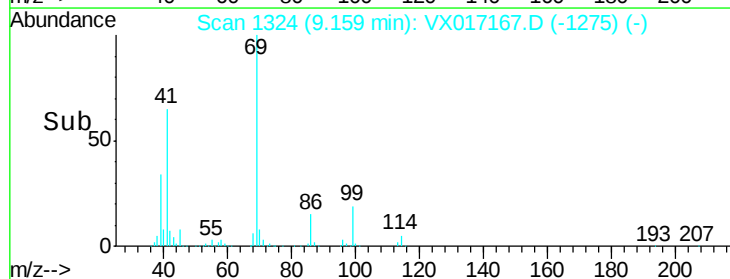
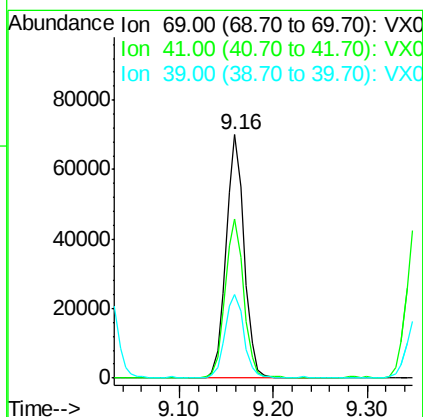
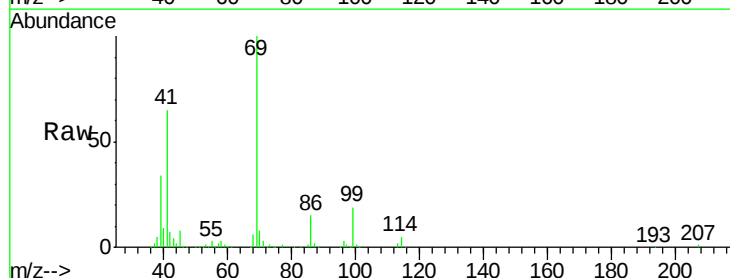
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

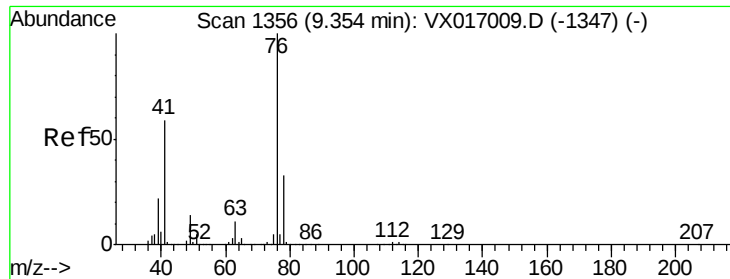
Tgt Ion:	97	Resp:	67465
Ion	Ratio	Lower	Upper
97	100		
83	80.9	67.0	100.6
85	52.1	43.5	65.3
99	58.7	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 19.029 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion:	69	Resp:	93045
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.6	80.4
39	35.4	28.2	42.2

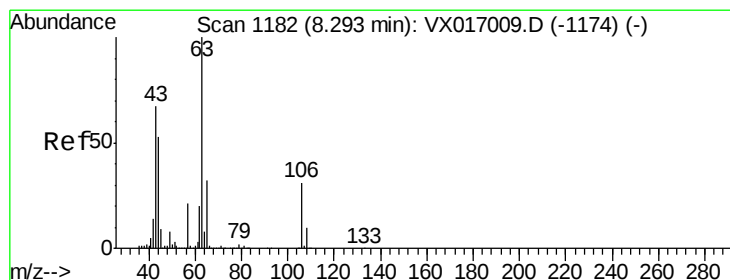
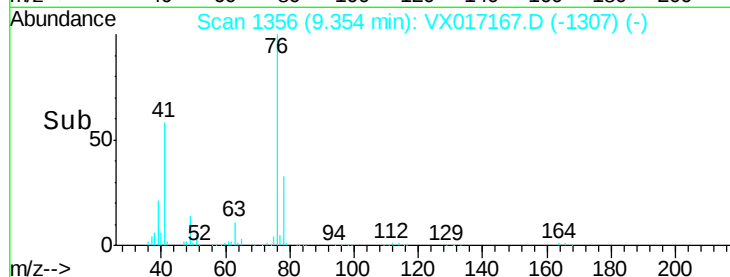
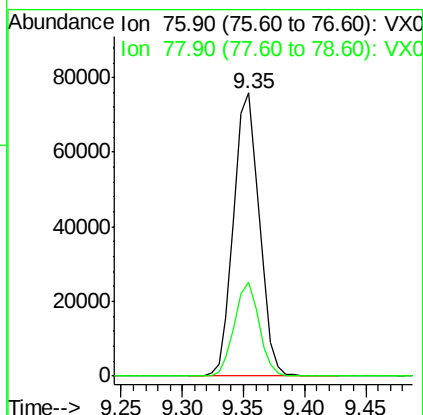
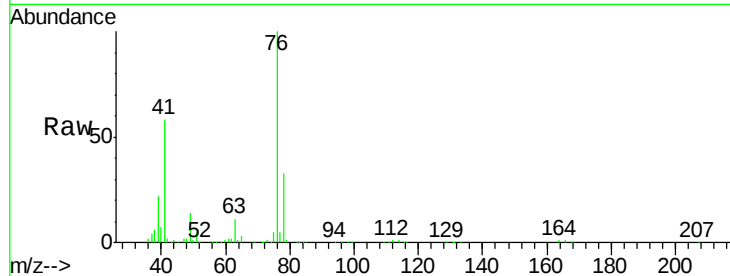




#57
 1,3-Dichloropropane
 Concen: 18.939 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

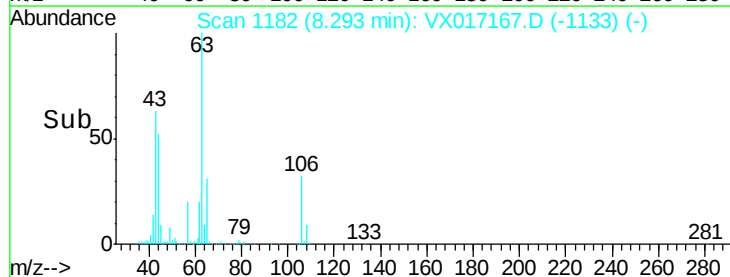
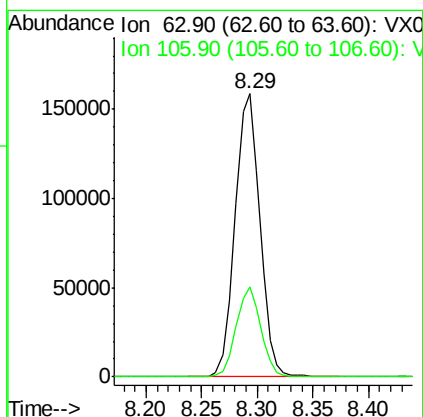
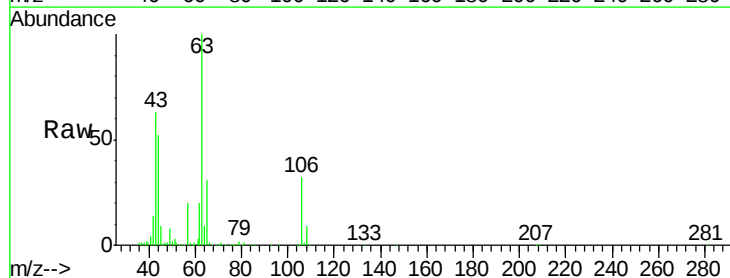
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

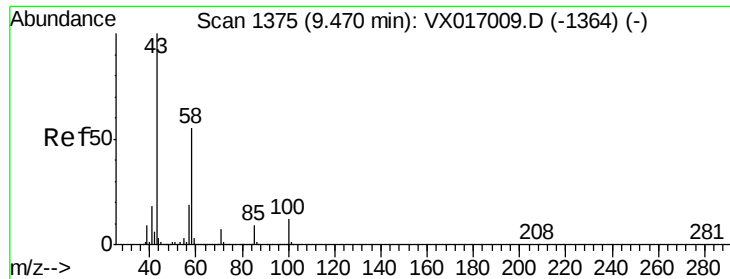
Tgt Ion: 76 Resp: 110090
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.384 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion: 63 Resp: 244283
 Ion Ratio Lower Upper
 63 100
 106 31.5 24.0 36.0

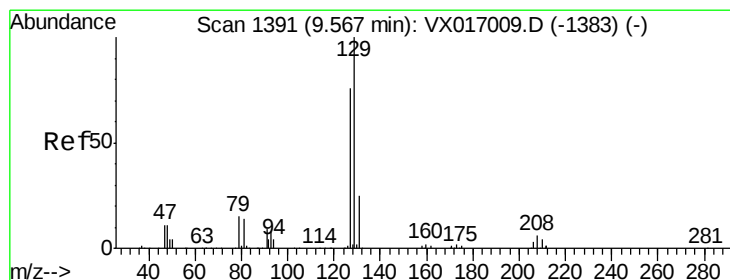
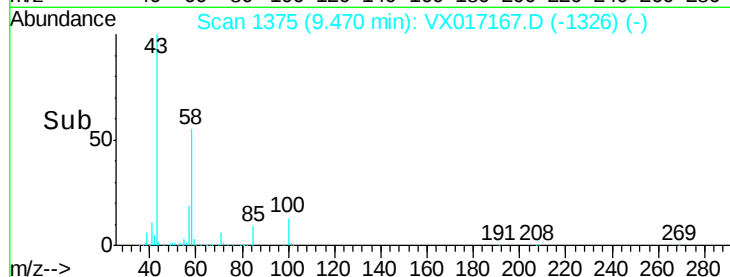
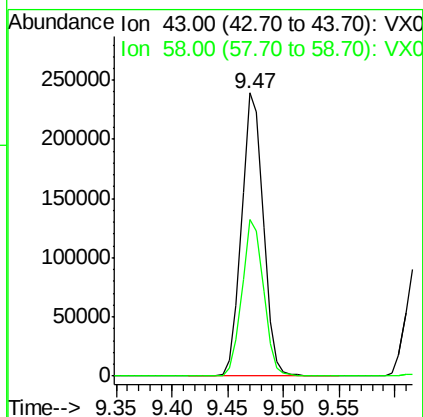
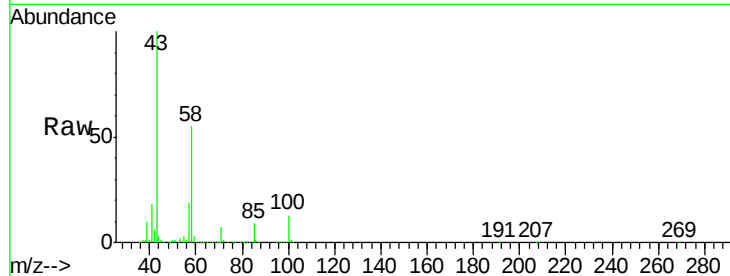




#59
2-Hexanone
Concen: 96.140 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

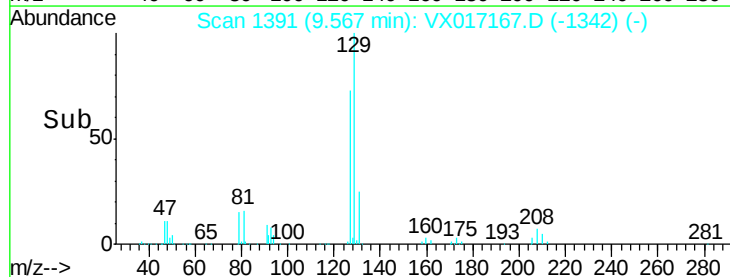
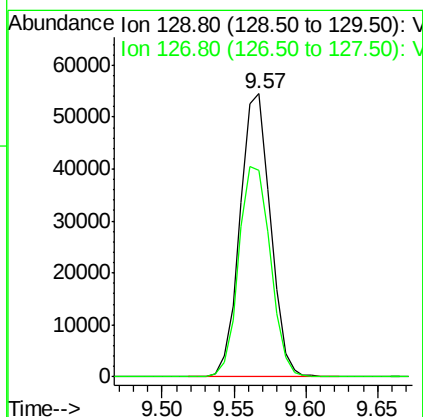
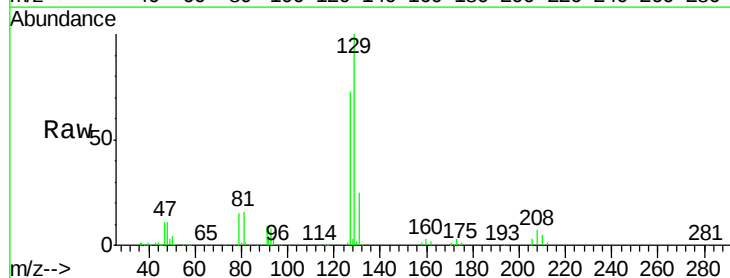
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

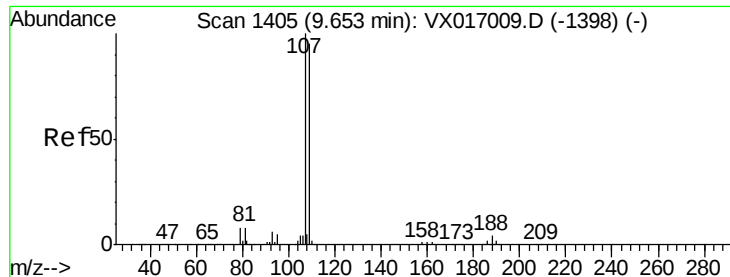
Tgt Ion: 43 Resp: 323441
Ion Ratio Lower Upper
43 100
58 55.0 27.9 83.6



#60
Dibromochloromethane
Concen: 20.055 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion: 129 Resp: 80019
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.585 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

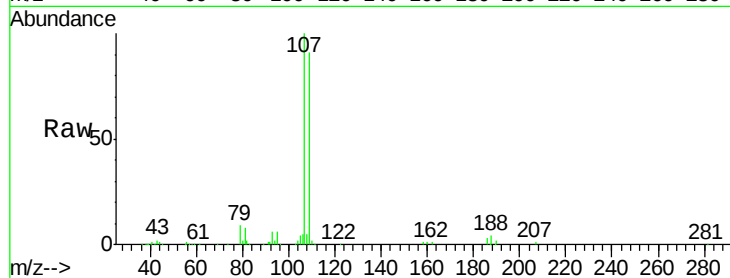
VX0706WBS01

Tgt Ion: 107 Resp: 72320

Ion Ratio Lower Upper

107 100

109 92.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

50000

40000

30000

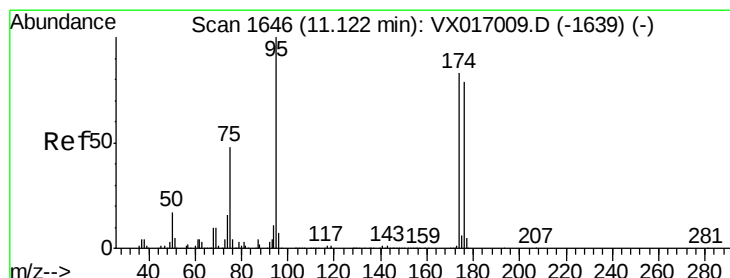
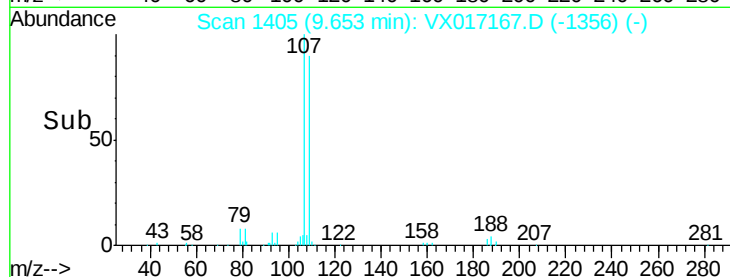
20000

10000

0

9.55 9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 51.325 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

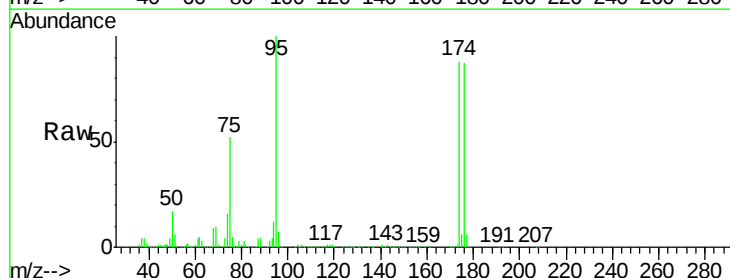
Tgt Ion: 95 Resp: 227597

Ion Ratio Lower Upper

95 100

174 86.2 0.0 164.0

176 82.8 0.0 157.6



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

250000

200000

150000

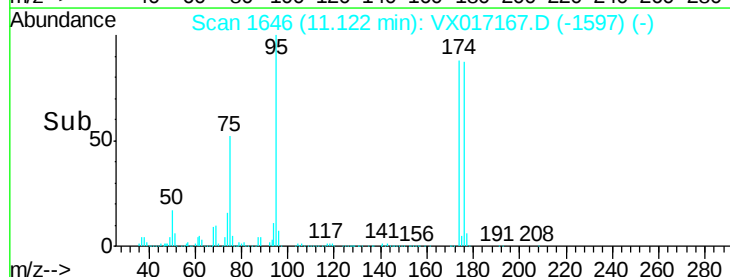
100000

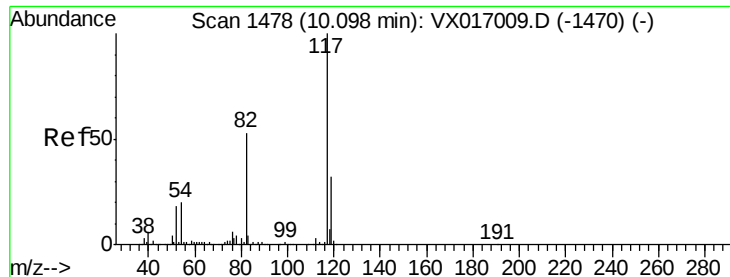
50000

0

11.05 11.10 11.15 11.20

Time-->

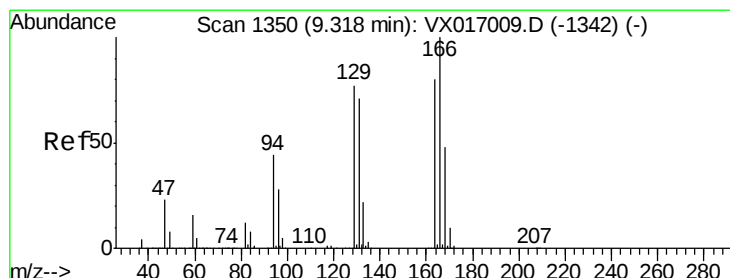
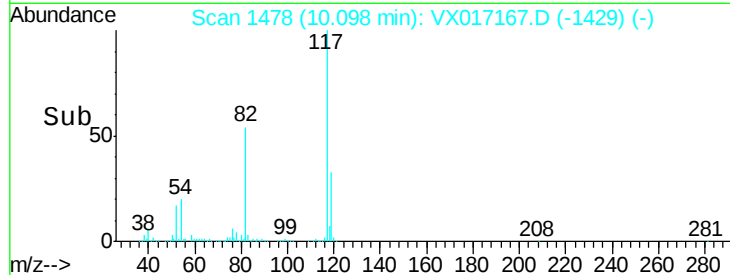
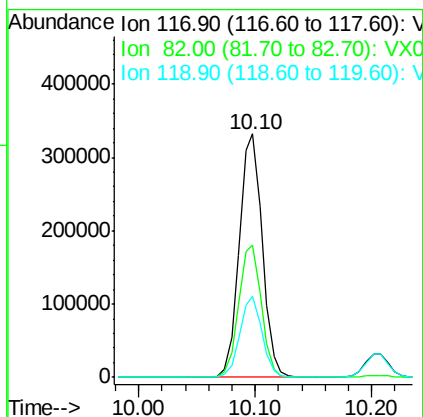
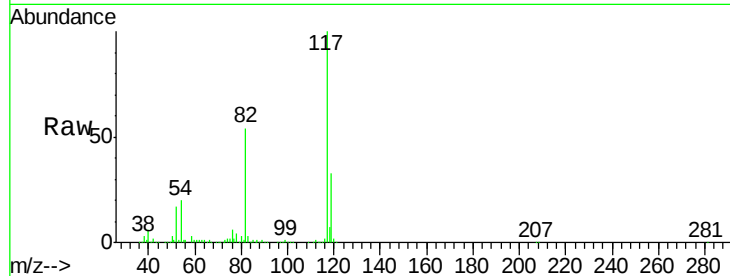




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

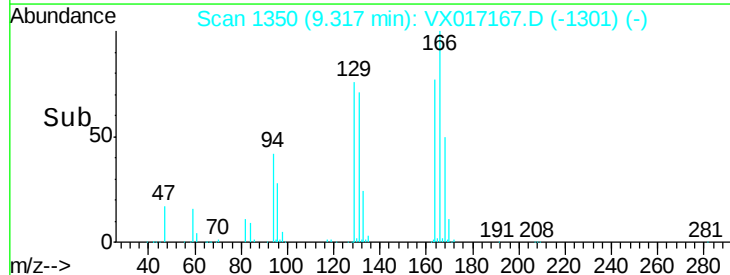
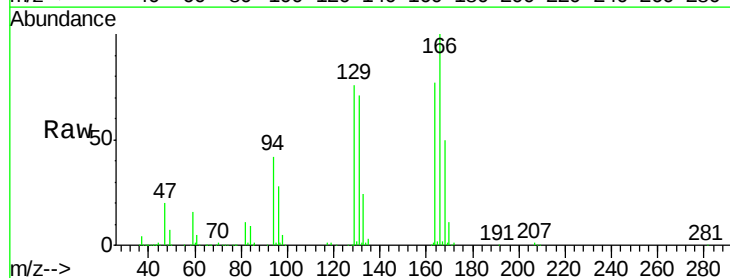
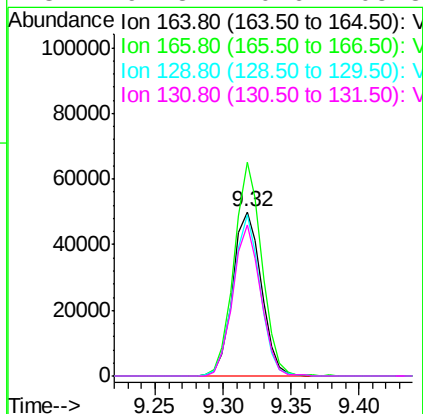
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

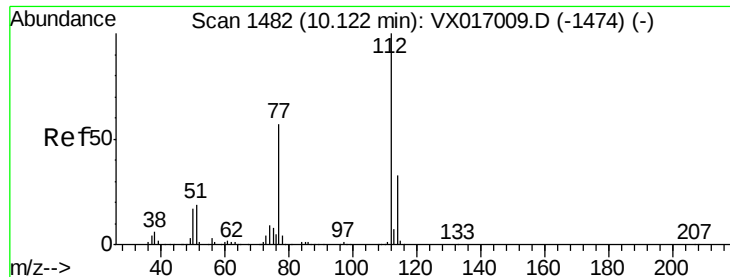
Tgt Ion:117 Resp: 455855
Ion Ratio Lower Upper
117 100
82 54.2 42.6 63.8
119 33.2 25.4 38.2



#64
Tetrachloroethene
Concen: 19.857 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion:164 Resp: 73053
Ion Ratio Lower Upper
164 100
166 130.0 99.4 149.0
129 98.2 76.3 114.5
131 91.8 70.6 105.8

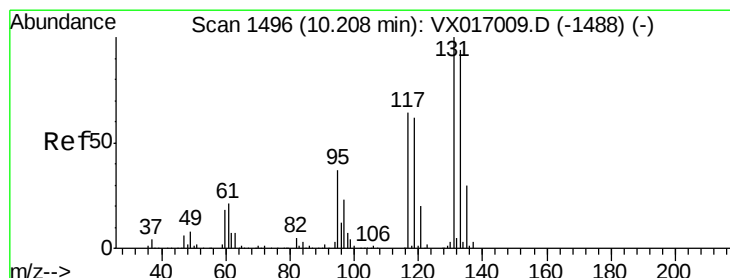
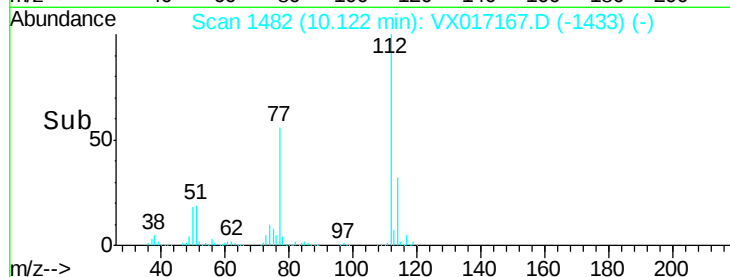
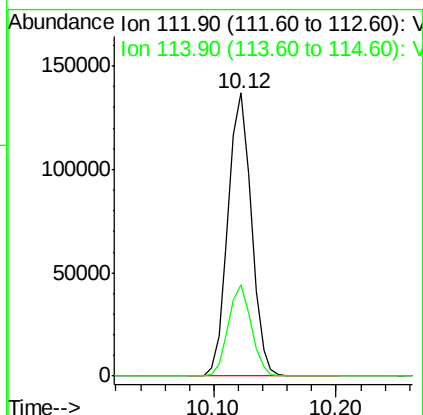
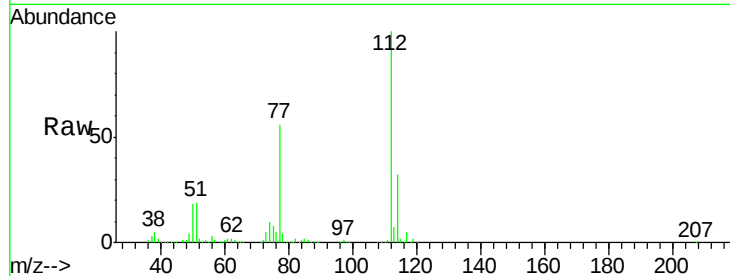




#65
Chlorobenzene
Concen: 19.256 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

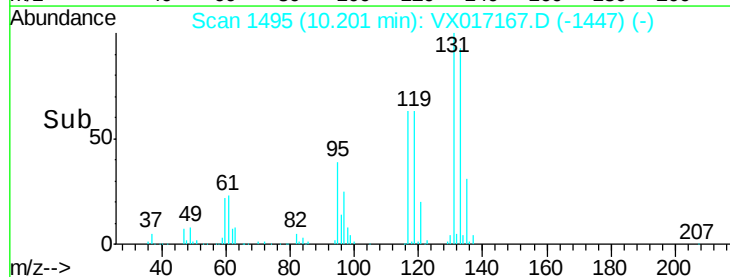
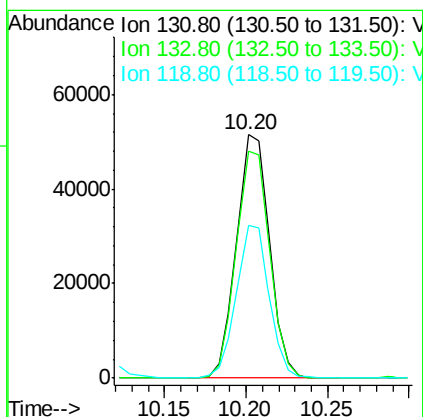
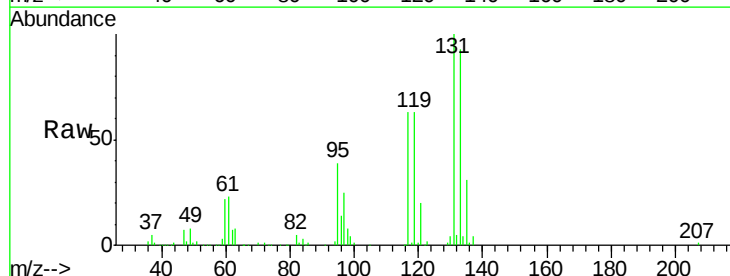
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

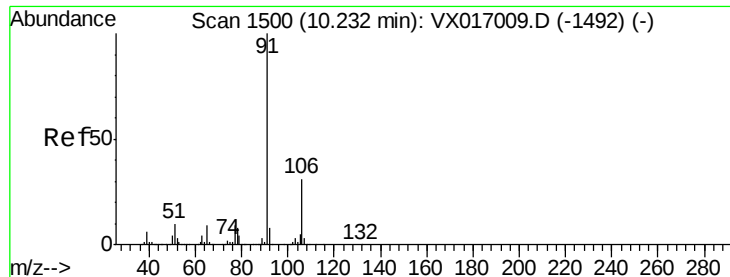
Tgt Ion:112 Resp: 181170
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.127 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion:131 Resp: 72981
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.9
119 62.5 31.9 95.5

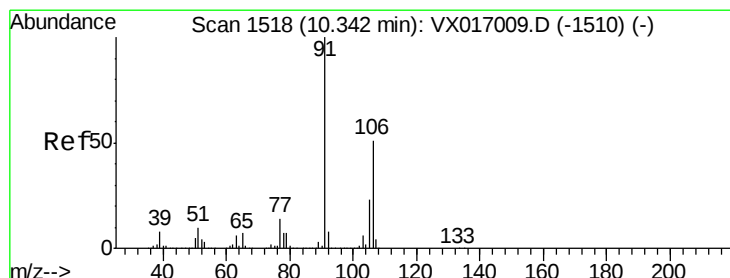
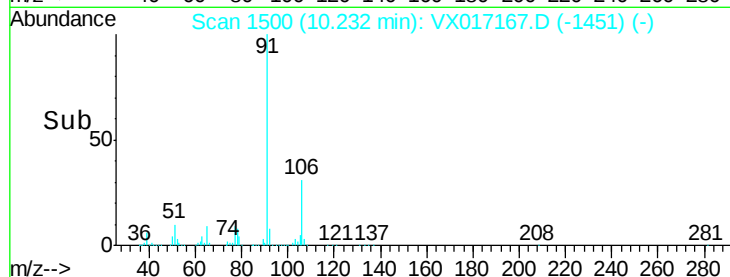
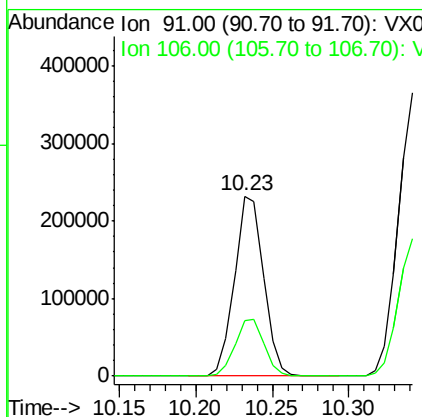
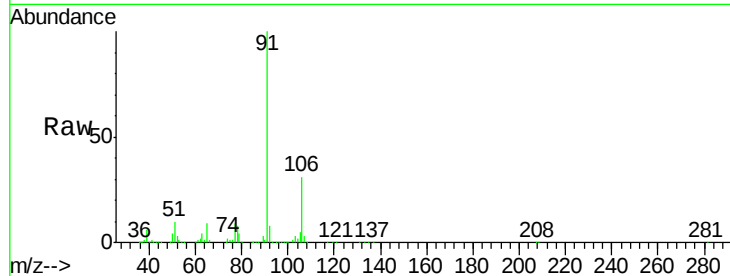




#67
Ethyl Benzene
Concen: 19.544 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

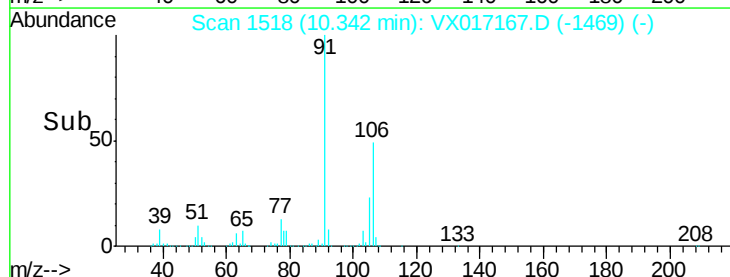
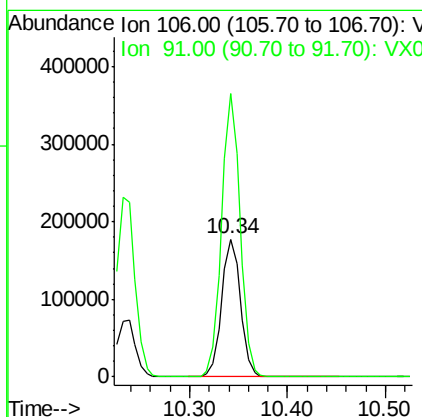
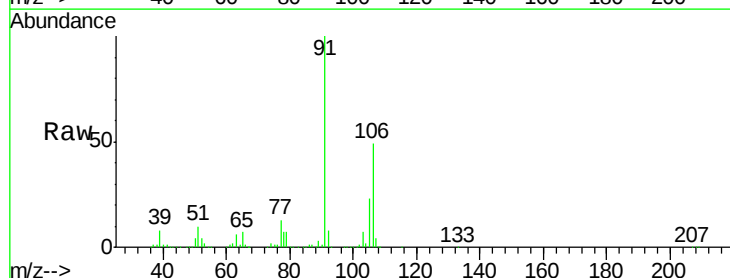
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

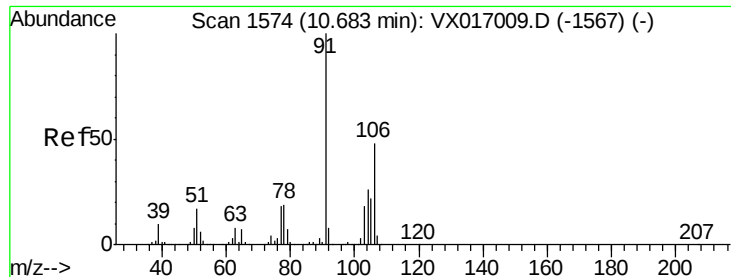
Tgt Ion: 91 Resp: 307079
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1



#68
m/p-Xylenes
Concen: 39.391 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion: 106 Resp: 237650
Ion Ratio Lower Upper
106 100
91 202.3 158.6 238.0

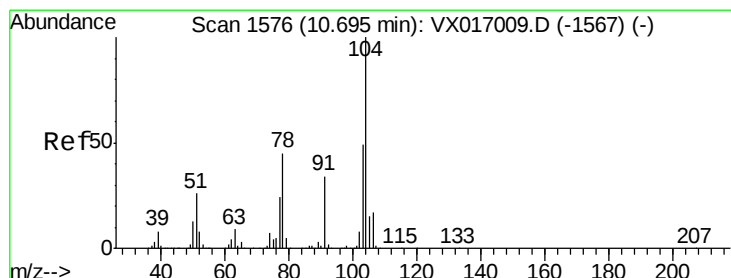
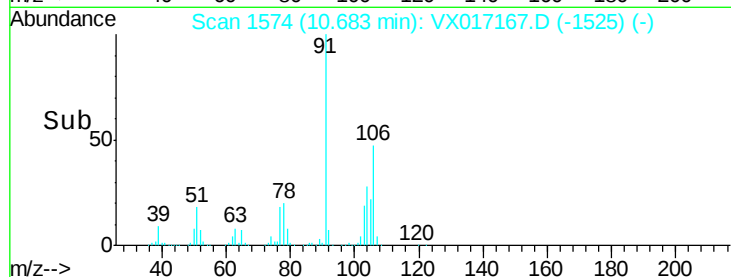
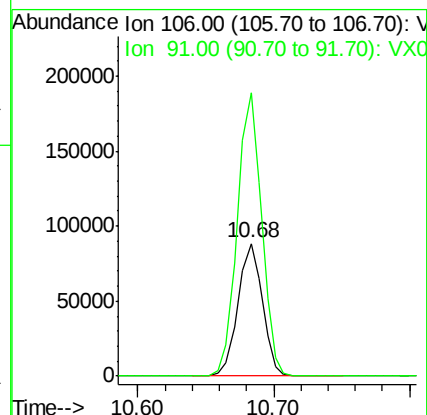
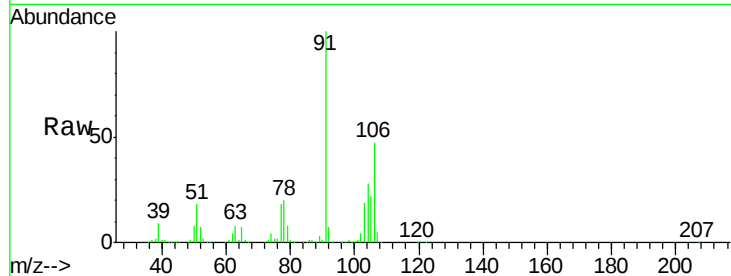




#69
o-Xylene
Concen: 19.264 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

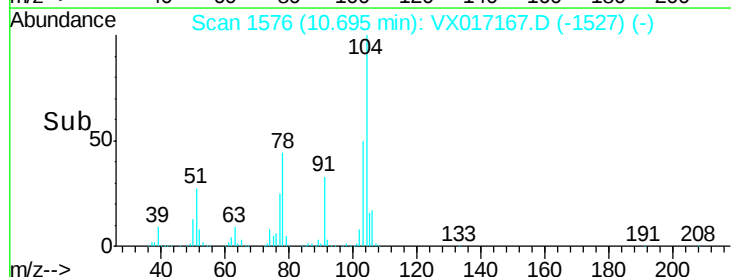
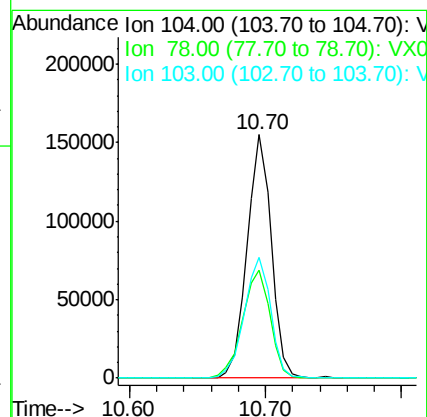
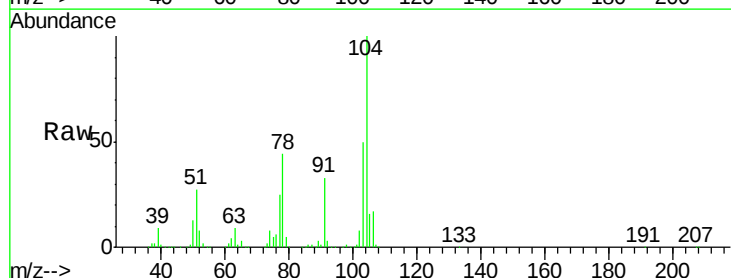
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

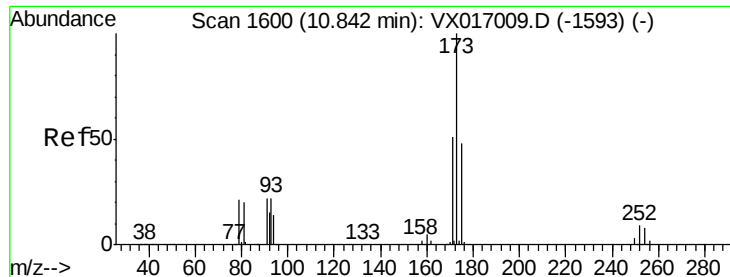
Tgt Ion:106 Resp: 110559
Ion Ratio Lower Upper
106 100
91 212.6 105.6 316.7



#70
Styrene
Concen: 19.786 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion:104 Resp: 193371
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 54.4 43.0 64.6





#71

Bromoform

Concen: 21.392 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

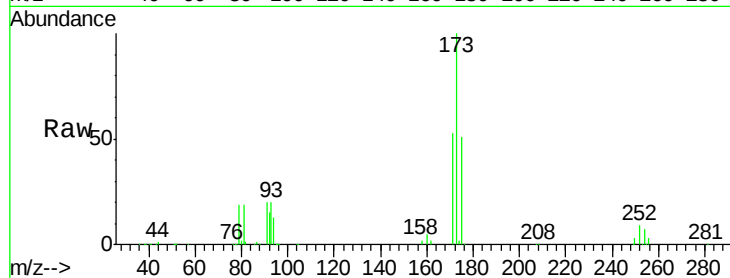
Tgt Ion:173 Resp: 61508

Ion Ratio Lower Upper

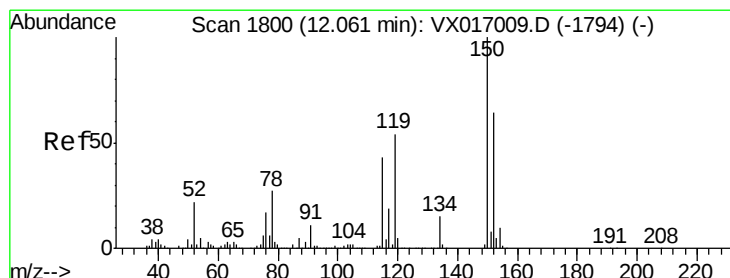
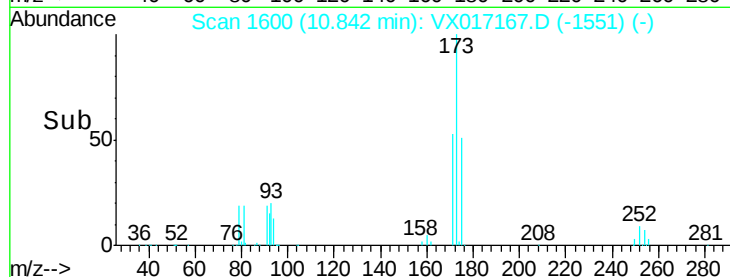
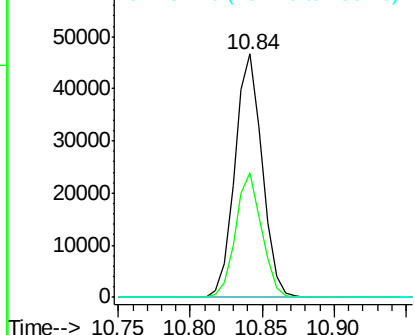
173 100

175 49.2 24.5 73.5

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

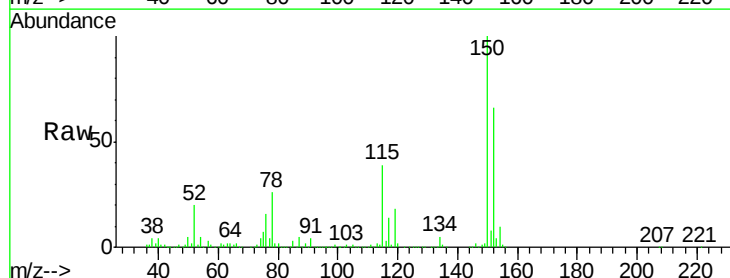
Tgt Ion:152 Resp: 249961

Ion Ratio Lower Upper

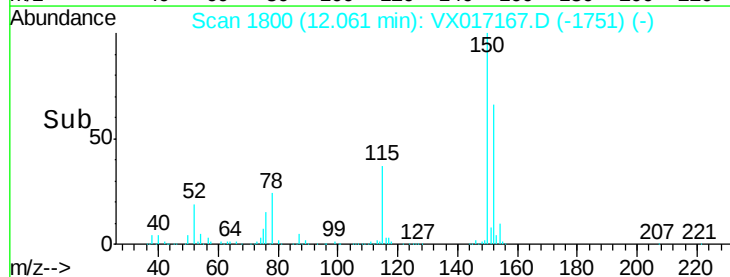
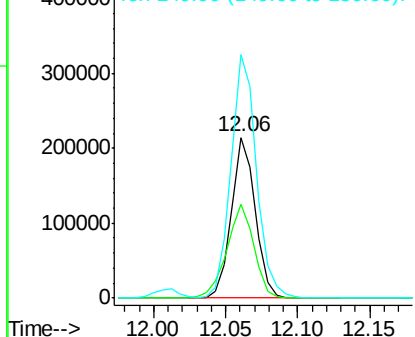
152 100

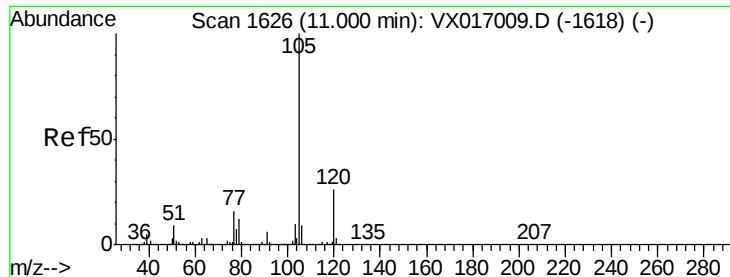
115 66.0 40.9 122.7

150 162.7 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.765 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampled :

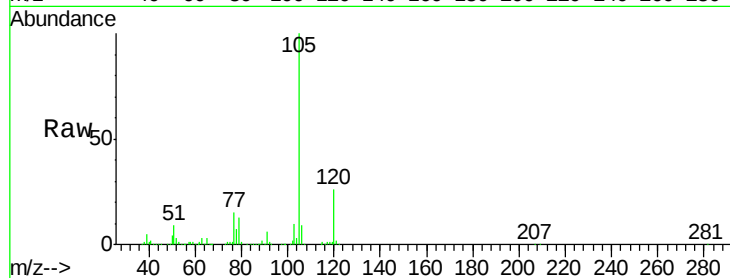
VX0706WBS01

Tgt Ion: 105 Resp: 307228

Ion Ratio Lower Upper

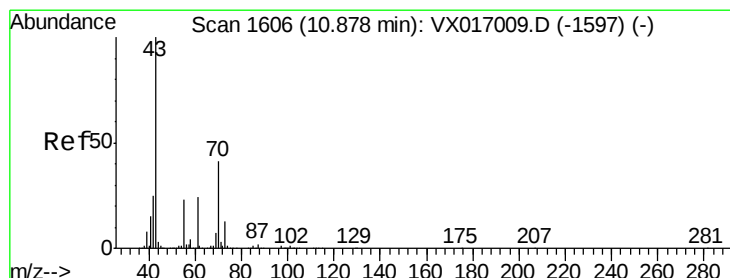
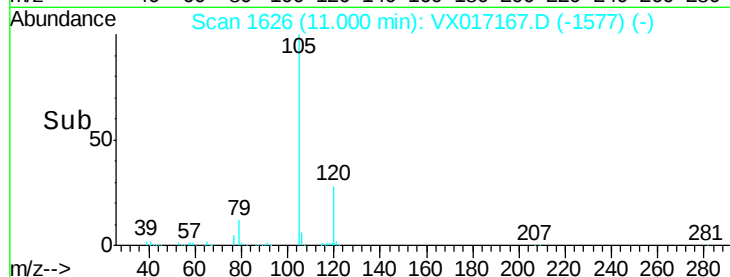
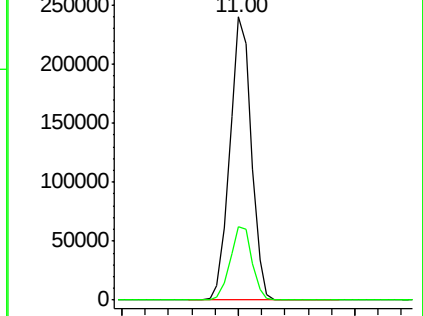
105 100

120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.385 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Tgt Ion: 43 Resp: 121451

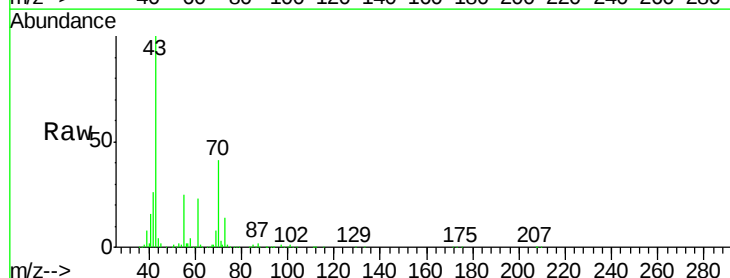
Ion Ratio Lower Upper

43 100

70 42.3 34.2 51.2

55 25.3 19.2 28.8

61 24.5 19.6 29.4

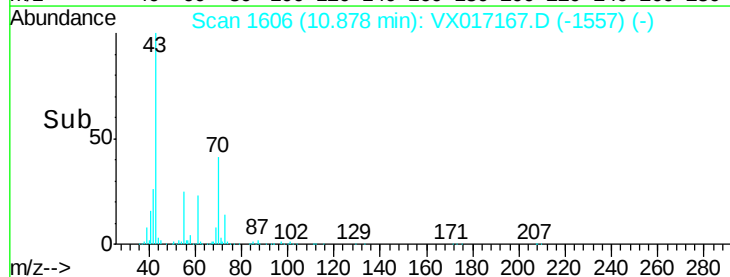
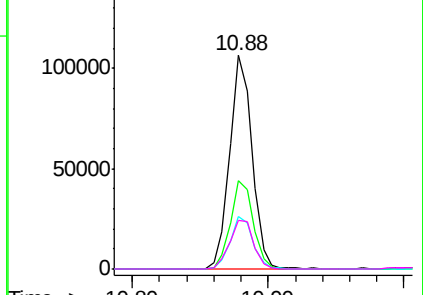


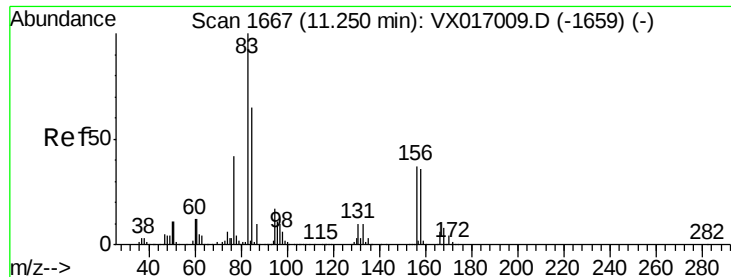
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 17.957 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

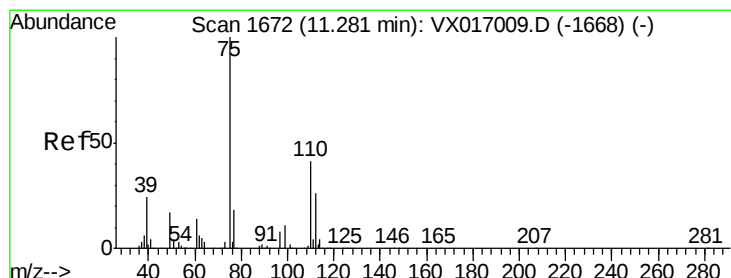
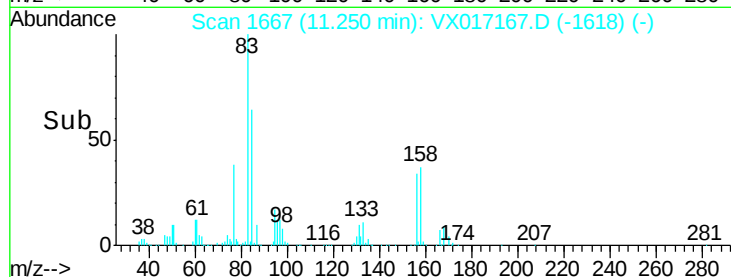
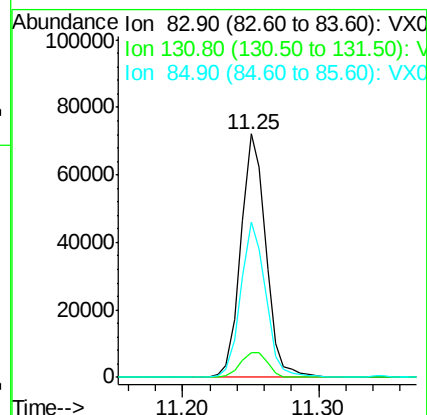
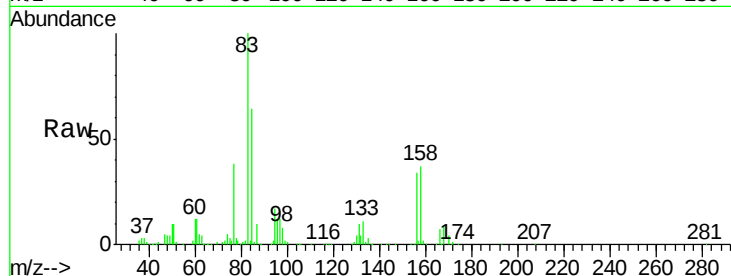
Tgt Ion: 83 Resp: 92481

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 63.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 23.387 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017167.D

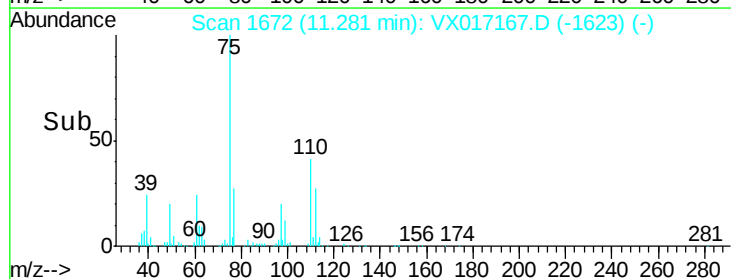
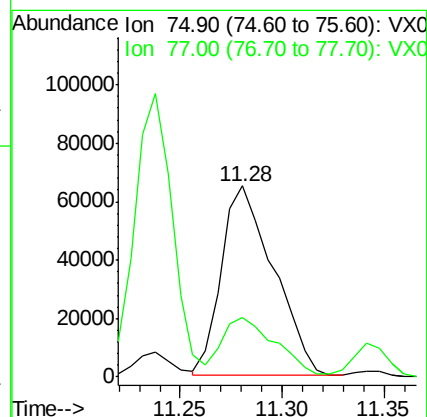
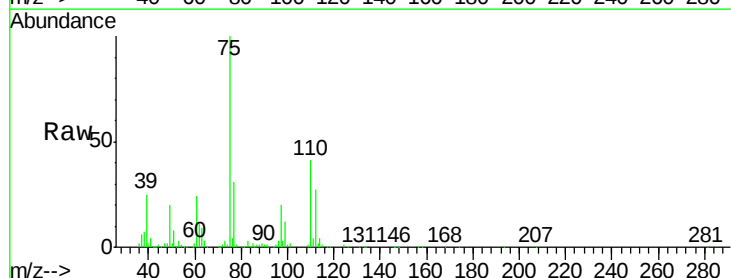
Acq: 06 Jul 2020 14:55

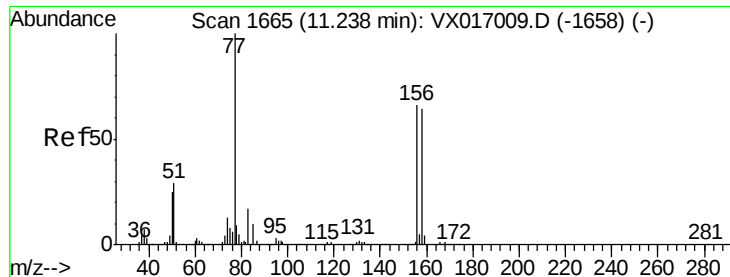
Tgt Ion: 75 Resp: 114955

Ion Ratio Lower Upper

75 100

77 32.4 20.2 60.6





#77

Bromobenzene

Concen: 19.118 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

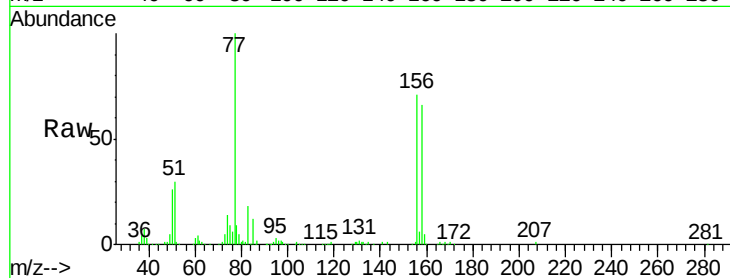
Tgt Ion:156 Resp: 86028

Ion Ratio Lower Upper

156 100

77 146.1 76.9 230.7

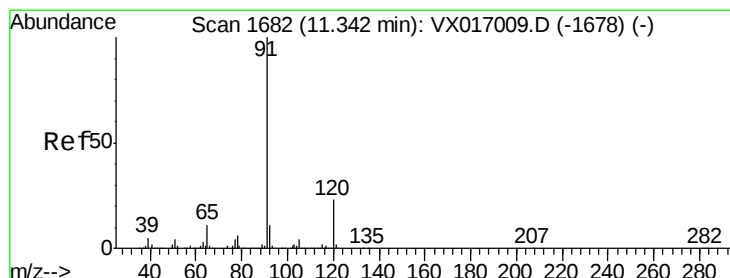
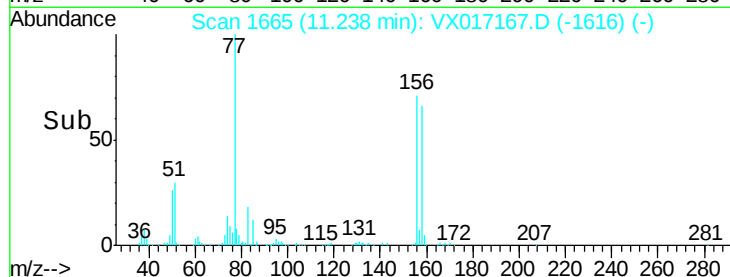
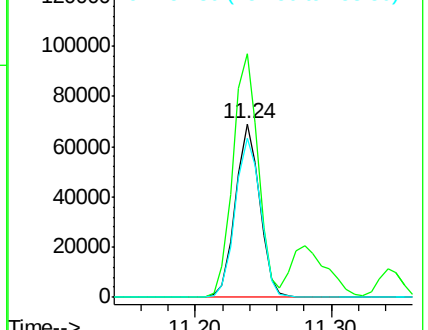
158 95.6 47.9 143.6



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: 18.950 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017167.D

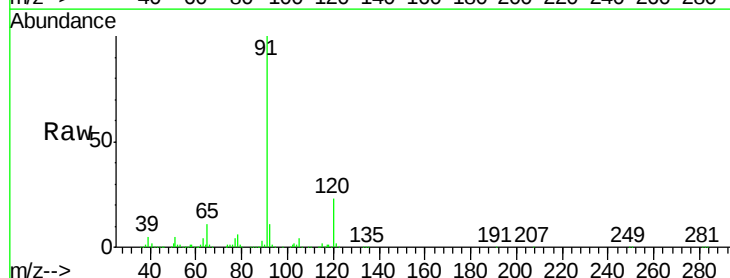
Acq: 06 Jul 2020 14:55

Tgt Ion: 91 Resp: 350846

Ion Ratio Lower Upper

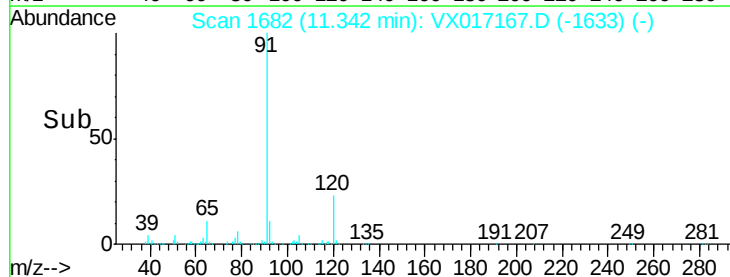
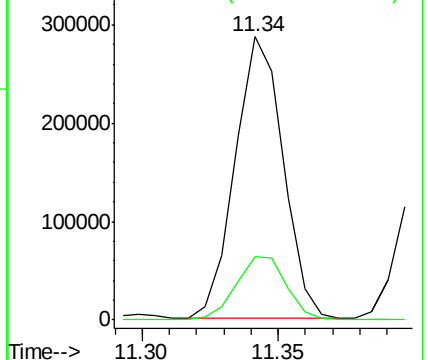
91 100

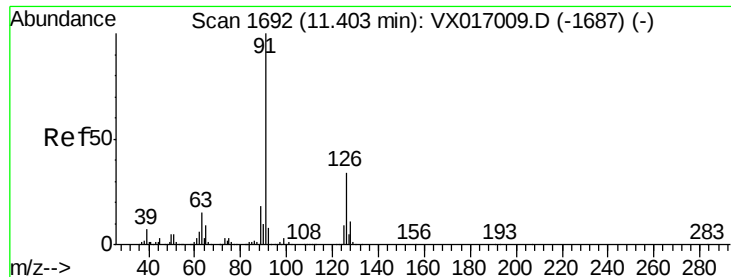
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

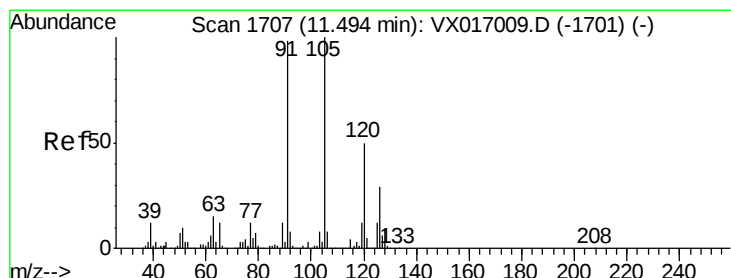
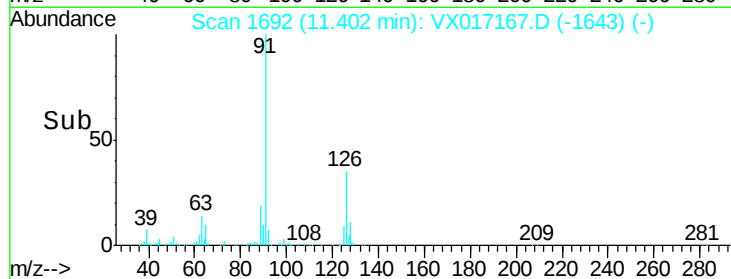
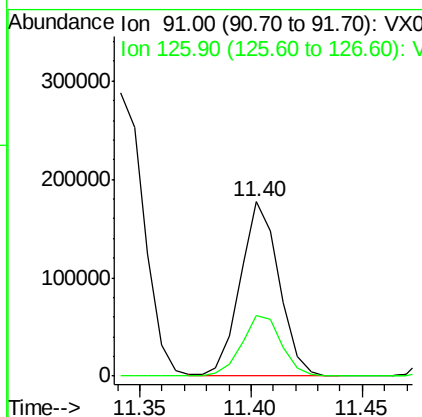
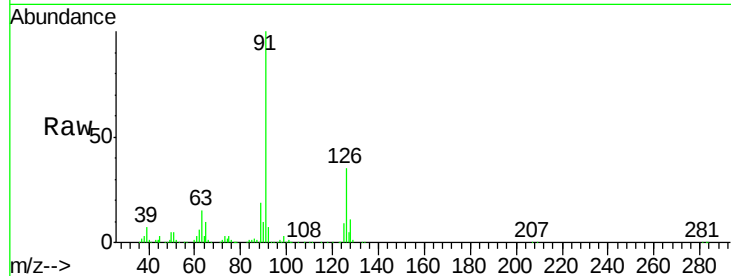




#79
2-Chlorotoluene
Concen: 19.124 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

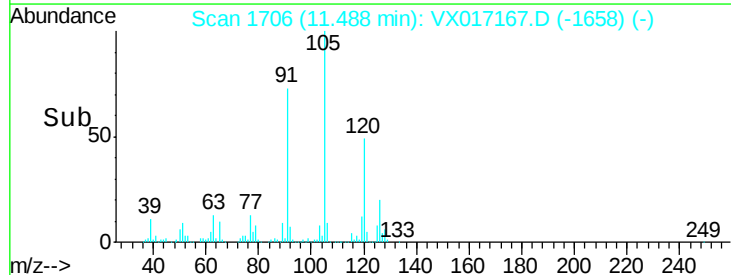
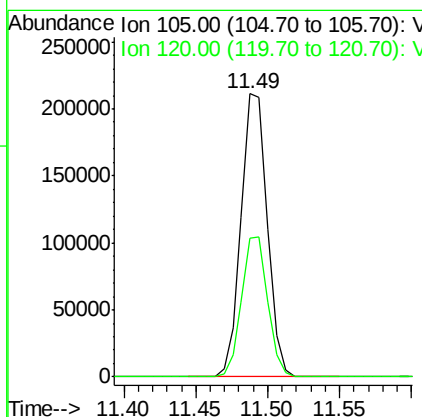
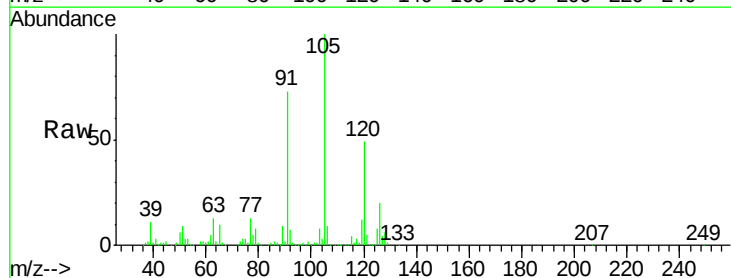
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

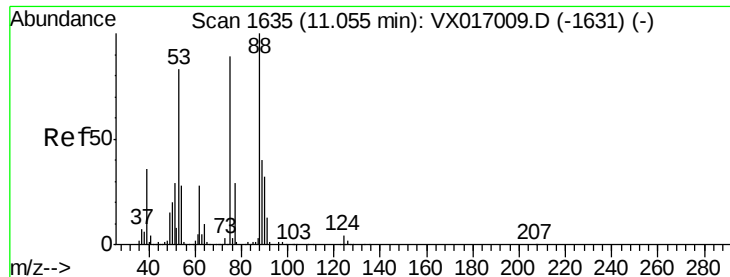
Tgt Ion: 91 Resp: 214295
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 19.619 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion: 105 Resp: 266445
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.848 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

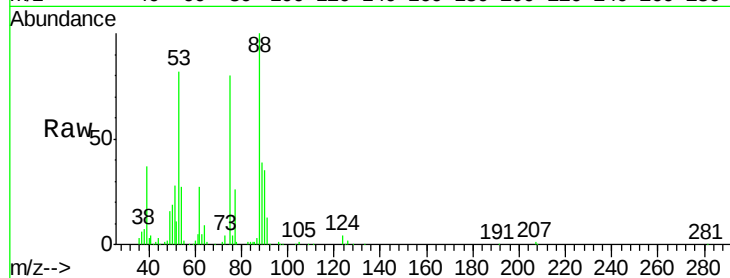
Tgt Ion: 75 Resp: 31978

Ion Ratio Lower Upper

75 100

53 104.0 72.4 108.6

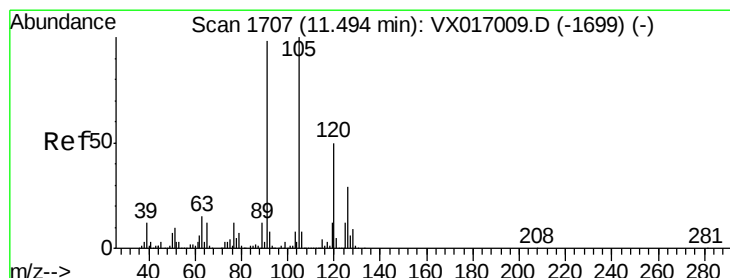
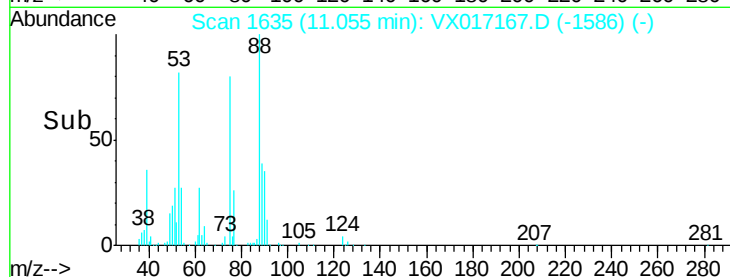
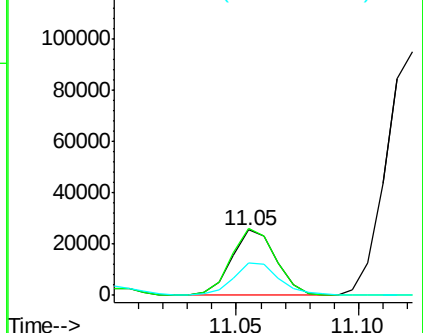
89 52.9 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.054 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017167.D

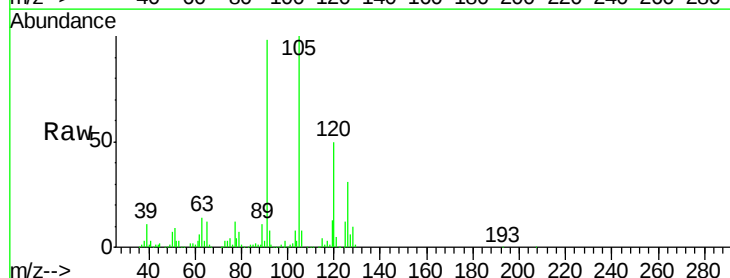
Acq: 06 Jul 2020 14:55

Tgt Ion: 91 Resp: 255231

Ion Ratio Lower Upper

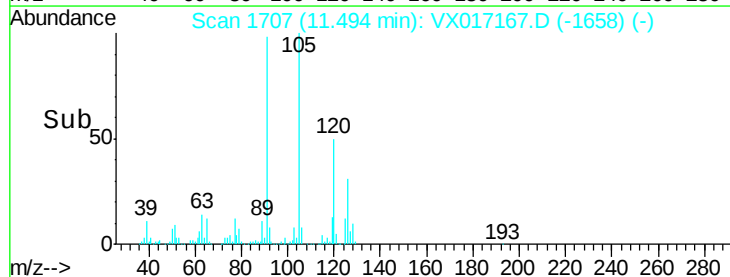
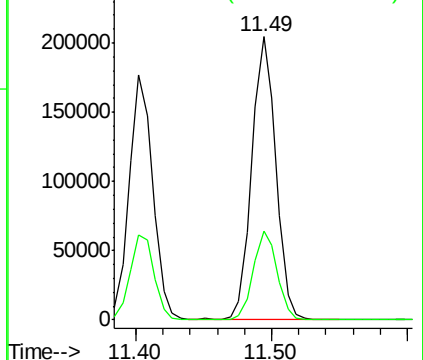
91 100

126 31.1 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

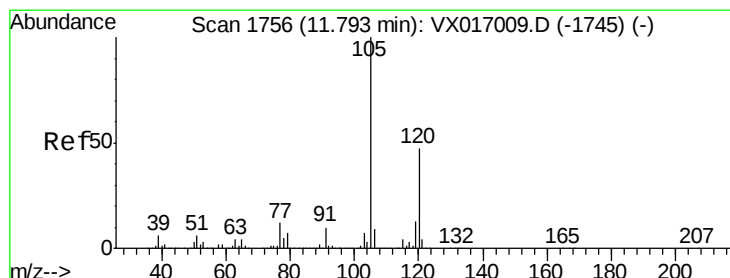
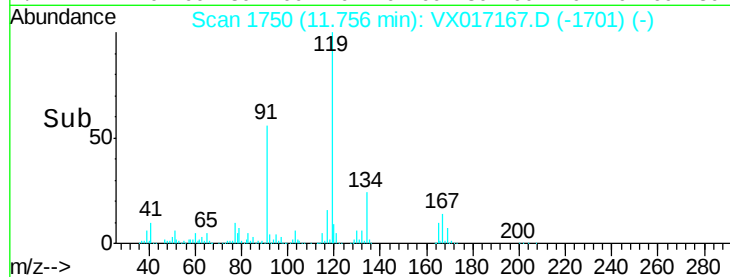
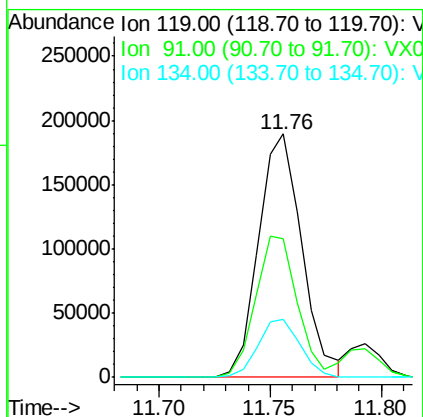
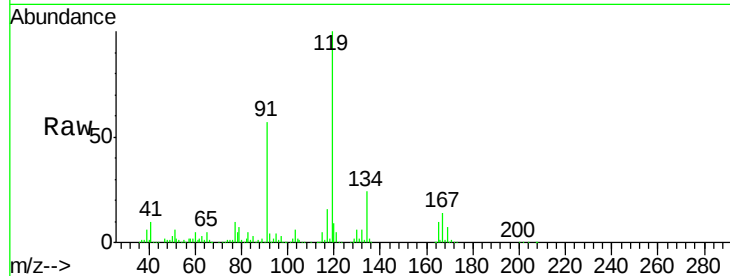




#83
tert-Butylbenzene
Concen: 19.226 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

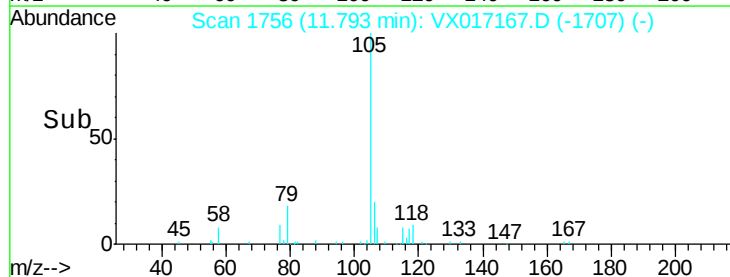
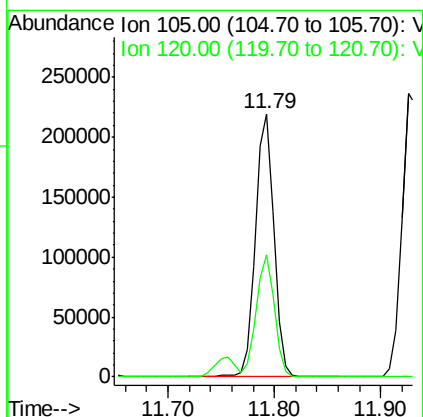
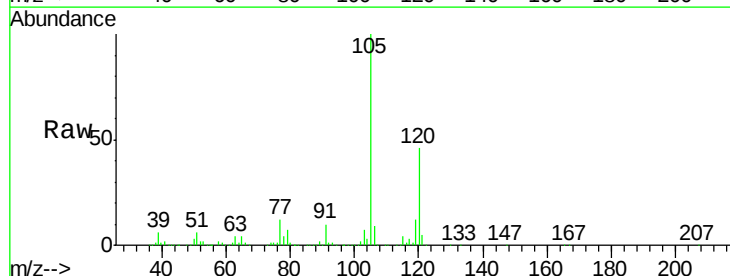
Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

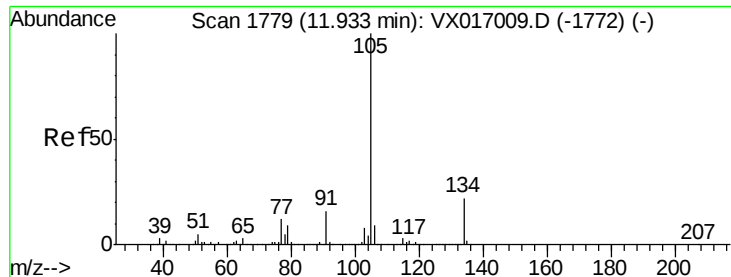
Tgt Ion:119 Resp: 256316
Ion Ratio Lower Upper
119 100
91 56.1 28.3 84.9
134 23.2 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.432 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion:105 Resp: 267730
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.5

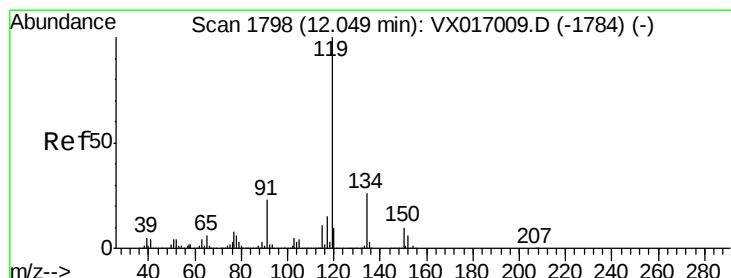
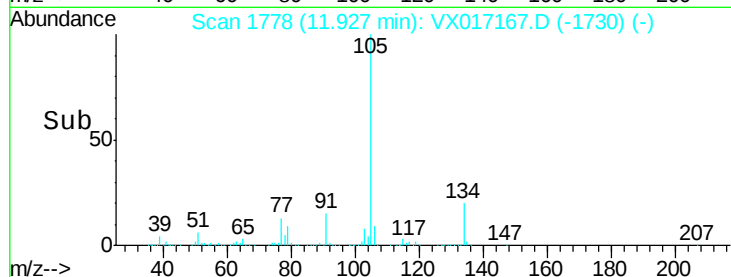
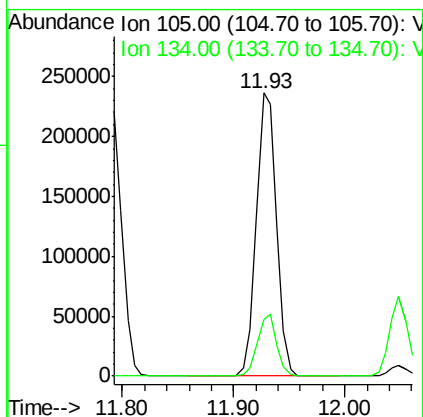
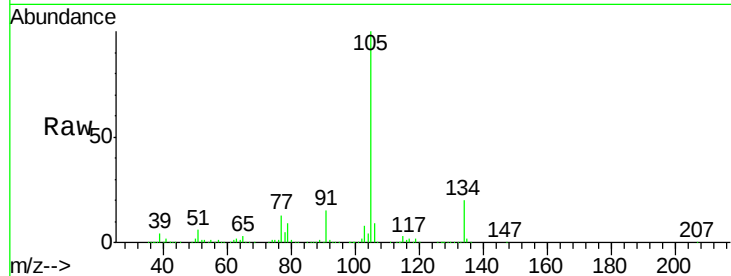




#85
 sec-Butylbenzene
 Concen: 18.993 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

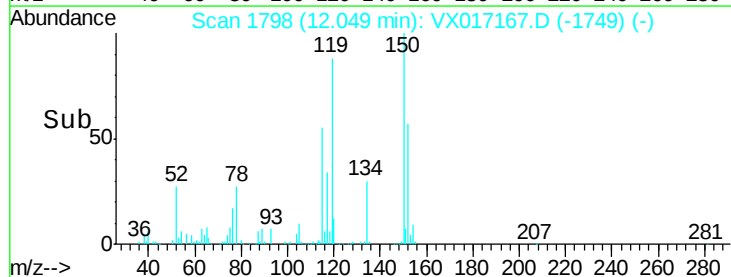
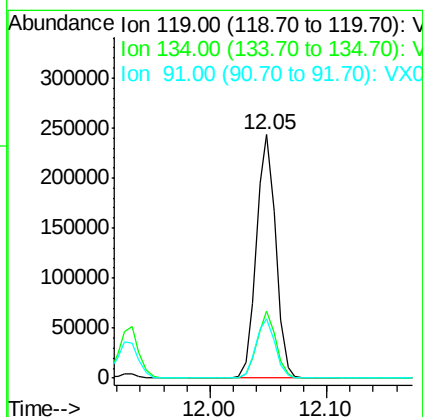
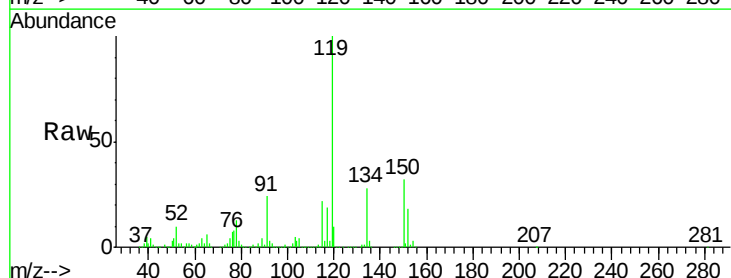
Instrument :
 MSVOA_X
 ClientSampled :
 VX0706WBS01

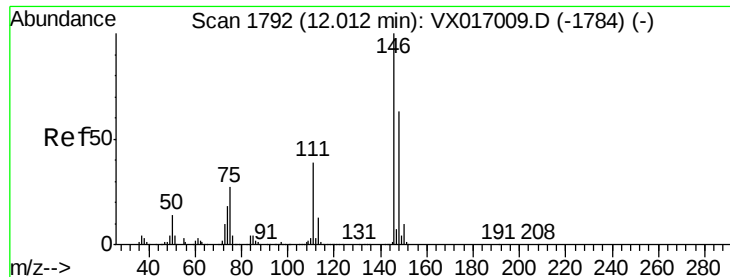
Tgt Ion:105 Resp: 297640
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 19.343 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion:119 Resp: 282181
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 24.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 18.951 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

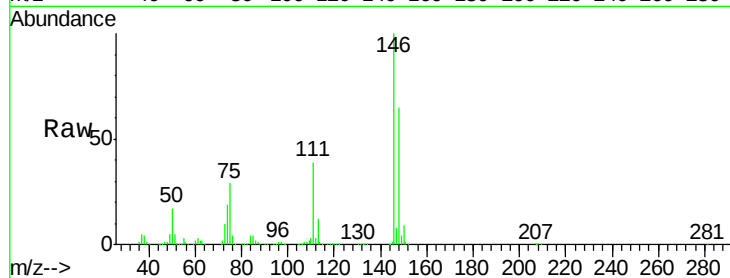
Tgt Ion:146 Resp: 154877

Ion Ratio Lower Upper

146 100

111 38.7 20.4 61.2

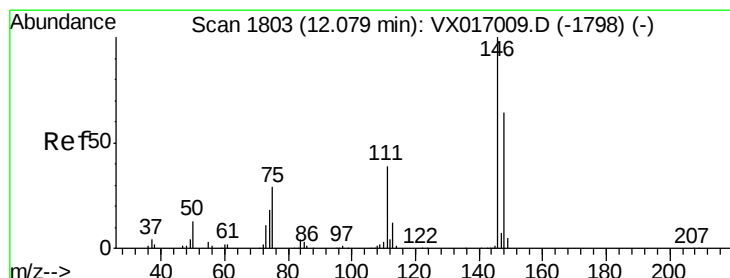
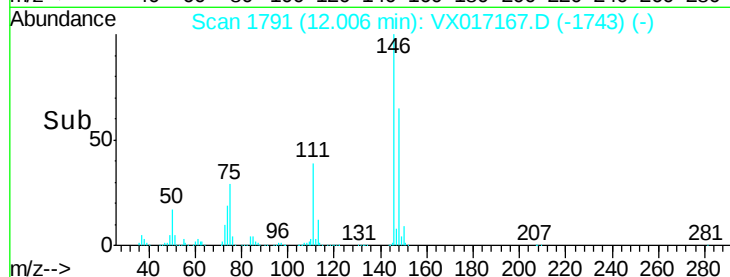
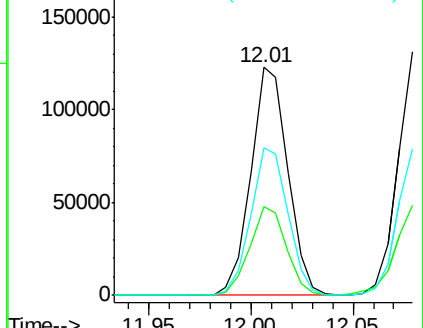
148 65.3 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.878 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

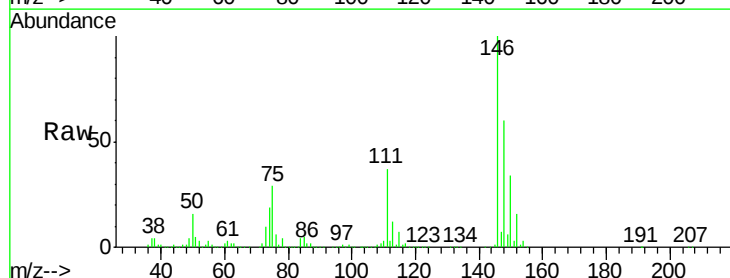
Tgt Ion:146 Resp: 154094

Ion Ratio Lower Upper

146 100

111 38.8 19.5 58.5

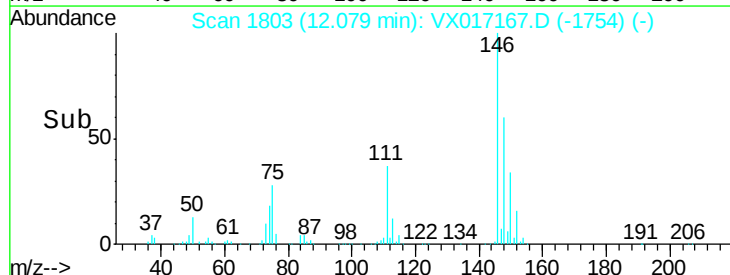
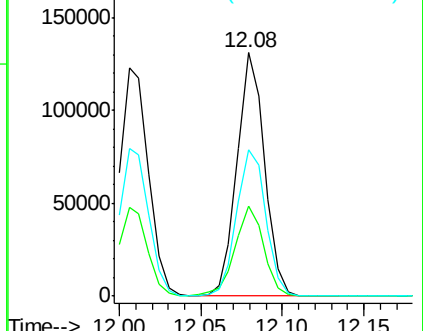
148 64.2 31.9 95.7

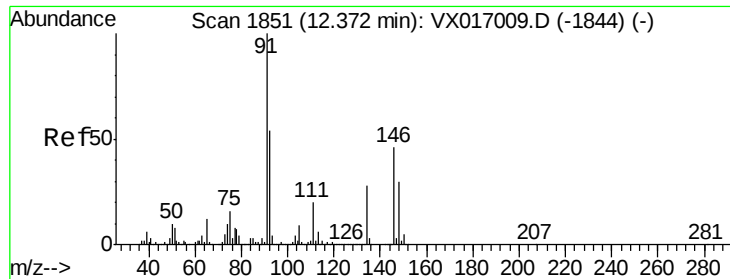


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.363 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

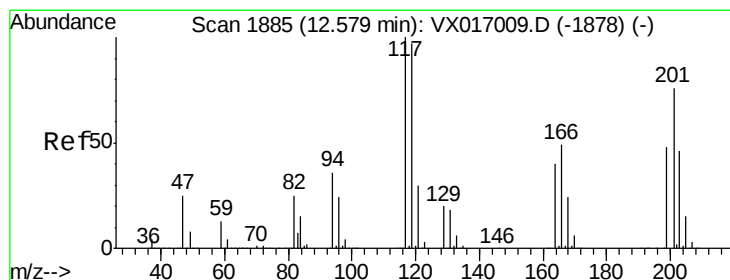
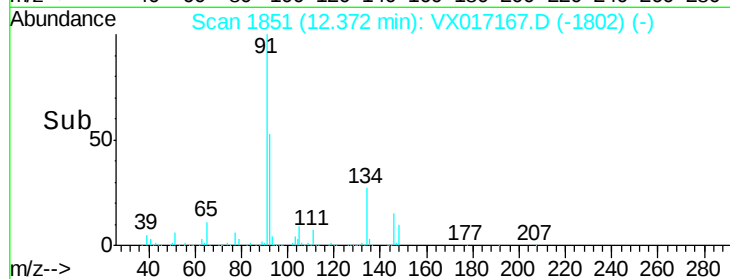
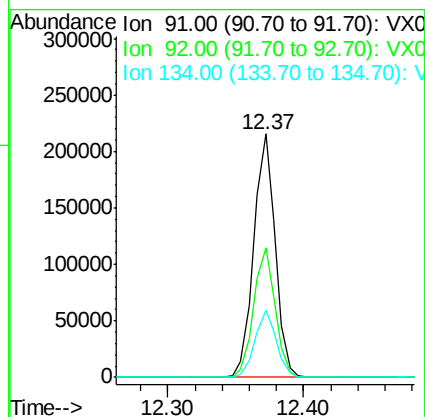
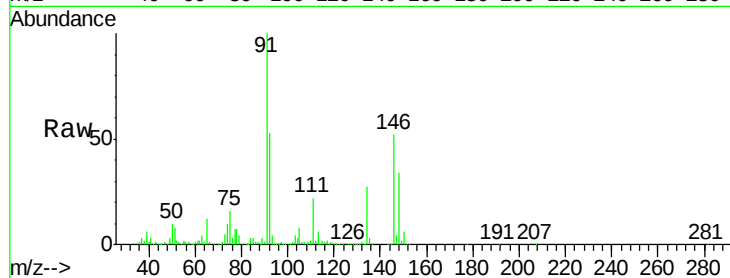
Tgt Ion: 91 Resp: 239203

Ion Ratio Lower Upper

91 100

92 53.5 27.2 81.6

134 27.5 13.6 40.7



#90

Hexachloroethane

Concen: 18.310 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017167.D

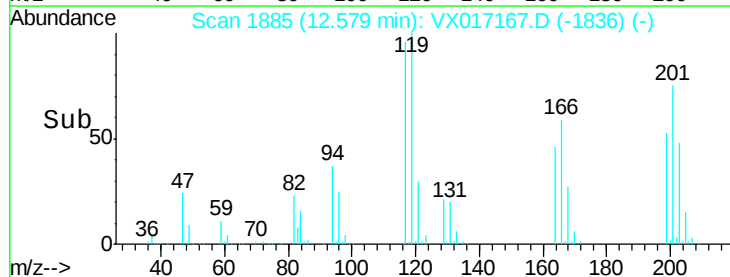
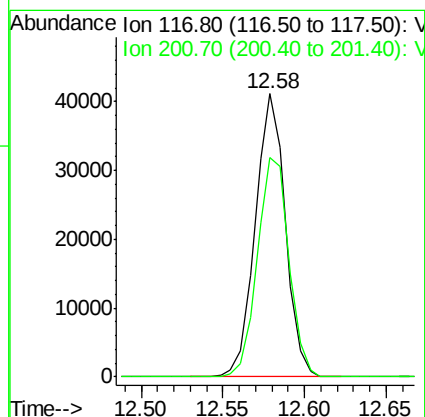
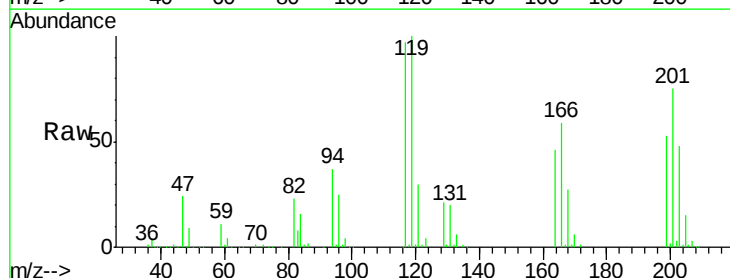
Acq: 06 Jul 2020 14:55

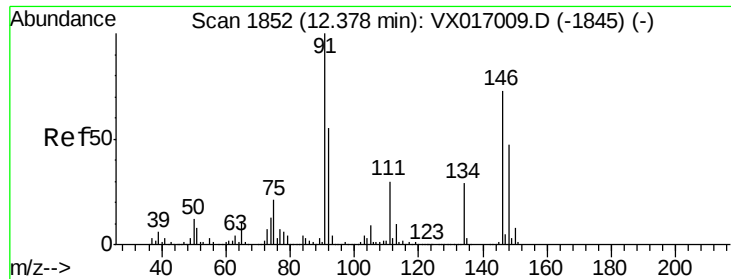
Tgt Ion: 117 Resp: 52674

Ion Ratio Lower Upper

117 100

201 81.2 39.4 118.2

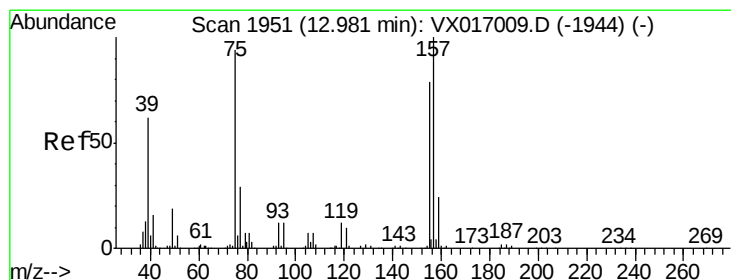
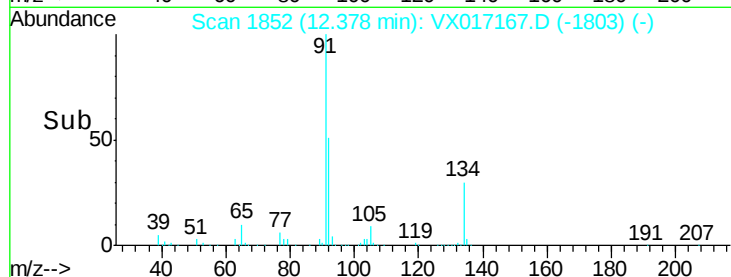
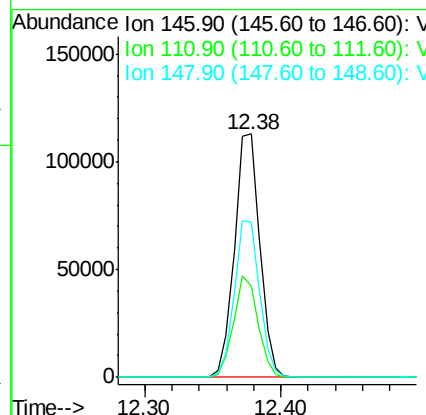
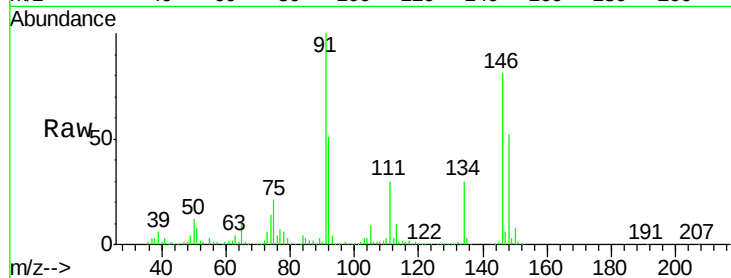




#91
 1,2-Dichlorobenzene
 Concen: 19.178 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

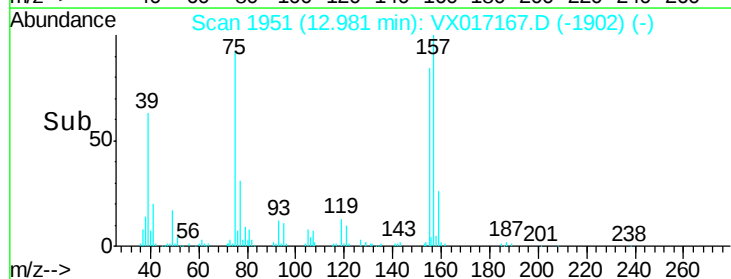
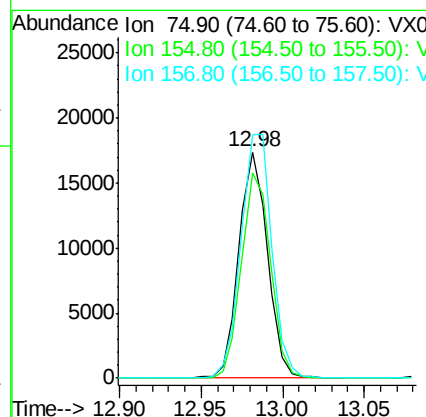
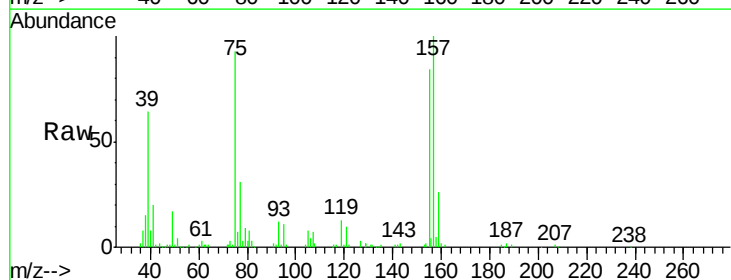
Instrument :
 MSVOA_X
 ClientSampled :
 VX0706WBS01

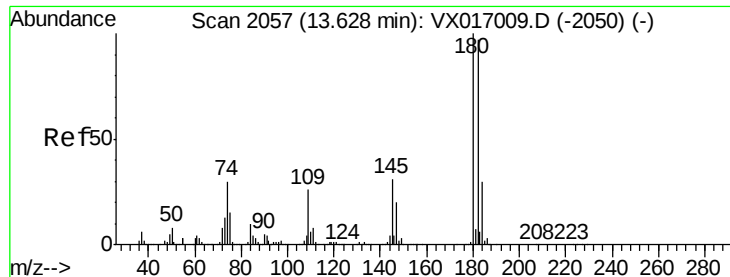
Tgt Ion:146 Resp: 146508
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.6 61.9
 148 64.2 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.283 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017167.D
 Acq: 06 Jul 2020 14:55

Tgt Ion: 75 Resp: 21234
 Ion Ratio Lower Upper
 75 100
 155 92.7 45.1 135.2
 157 117.2 56.5 169.3





#93

1,2,4-Trichlorobenzene

Concen: 19.774 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

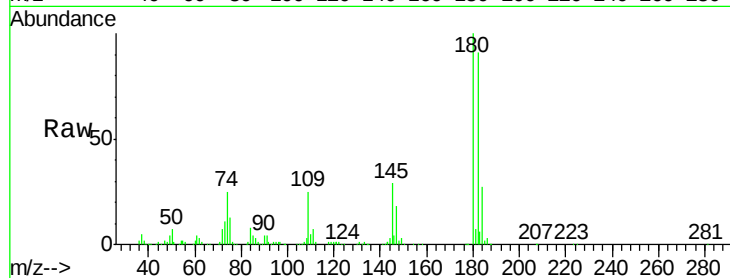
Tgt Ion:180 Resp: 103102

Ion Ratio Lower Upper

180 100

182 92.3 47.3 141.9

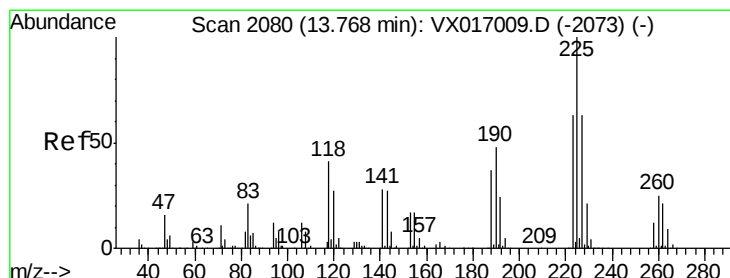
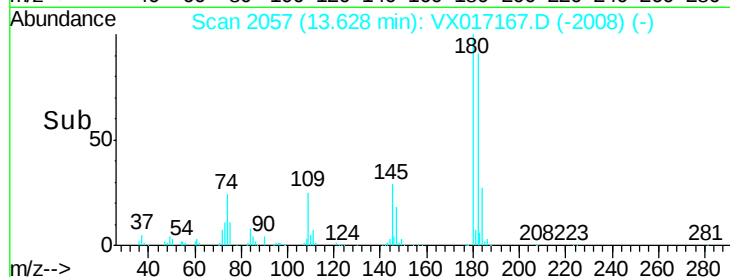
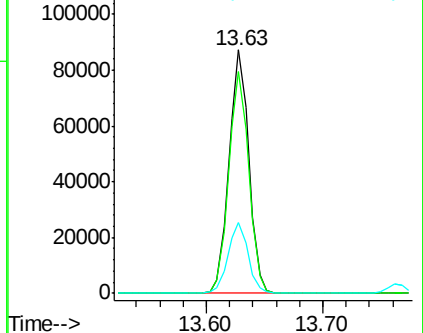
145 29.5 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.537 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX017167.D

Acq: 06 Jul 2020 14:55

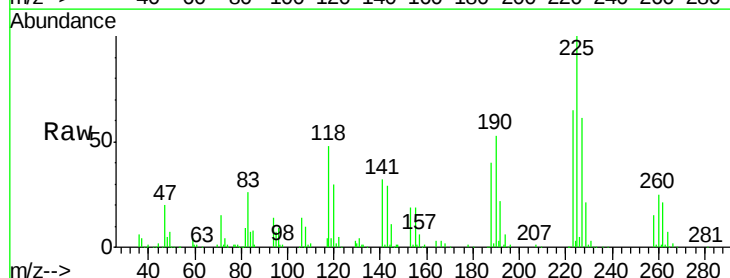
Tgt Ion:225 Resp: 37626

Ion Ratio Lower Upper

225 100

223 68.2 32.5 97.5

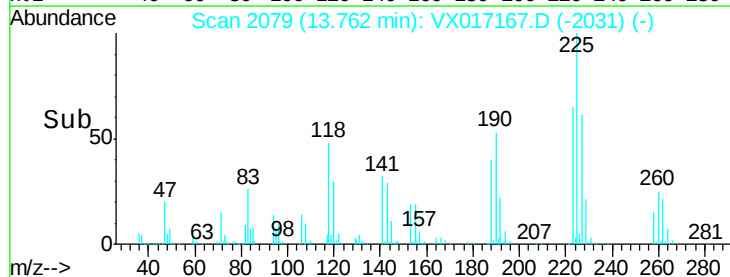
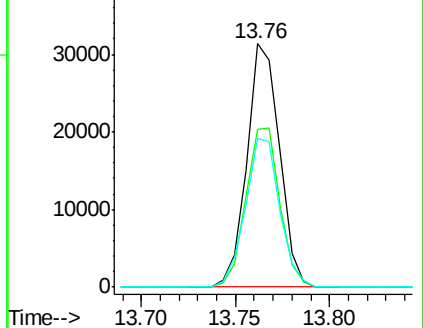
227 64.6 33.1 99.2

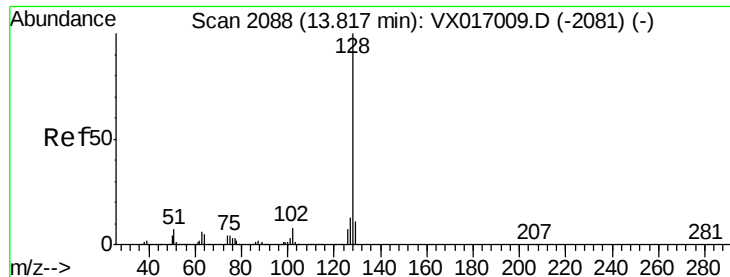


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

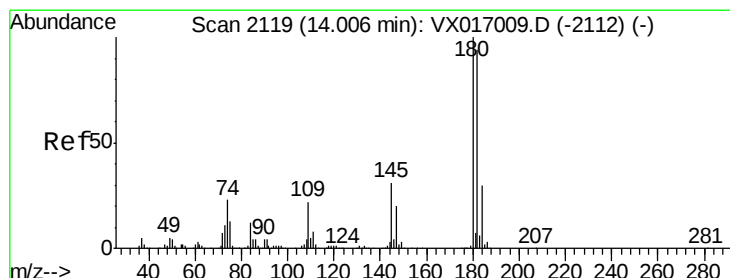
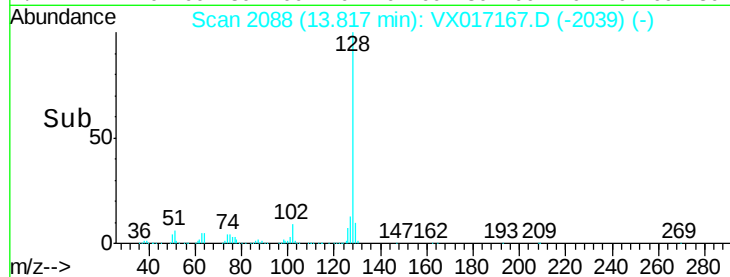
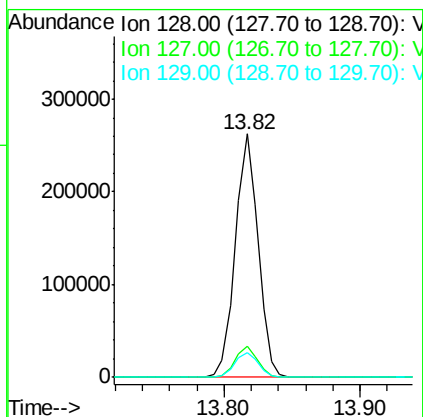
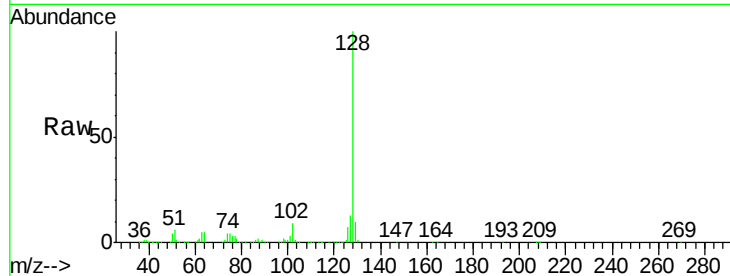




#95
Naphthalene
Concen: 19.305 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tgt Ion:128 Resp: 306016
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.129 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017167.D
Acq: 06 Jul 2020 14:55

Tgt Ion:180 Resp: 96527
Ion Ratio Lower Upper
180 100
182 97.4 47.1 141.4
145 33.9 16.6 49.7

