

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017173.D
 Acq On : 06 Jul 2020 17:10
 Operator : JC/SP
 Sample : VX0706WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD01

Quant Time: Jul 07 06:51:28 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	5.63	168	339734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	512803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	479187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	259174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	208378	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	5.47	113	170940	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	8.70	98	618444	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.12	95	241361	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	59479	18.097	ug/l	98
3) Chloromethane	1.31	50	58688	14.752	ug/l	99
4) Vinyl Chloride	1.39	62	61517	16.666	ug/l	97
5) Bromomethane	1.63	94	39648	20.331	ug/l	98
6) Chloroethane	1.71	64	37645	17.268	ug/l	99
7) Trichlorofluoromethane	1.92	101	105997	19.416	ug/l	97
8) Diethyl Ether	2.17	74	35653	19.634	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62049	18.964	ug/l	97
10) Methyl Iodide	2.50	142	52639	12.468	ug/l	100
11) Tert butyl alcohol	3.01	59	68936	86.279	ug/l	97
12) 1,1-Dichloroethene	2.36	96	60689	18.056	ug/l	95
13) Acrolein	2.27	56	23683	49.585	ug/l	93
14) Allyl chloride	2.71	41	107207	17.259	ug/l	98
15) Acrylonitrile	3.12	53	171966	89.531	ug/l	99
16) Acetone	2.42	43	160937	102.718	ug/l	97
17) Carbon Disulfide	2.55	76	167380	17.860	ug/l	99
18) Methyl Acetate	2.75	43	76242	18.641	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	216562	19.197	ug/l	99
20) Methylene Chloride	2.84	84	69051	18.727	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	69037	18.508	ug/l	97
22) Diisopropyl ether	3.82	45	217151	18.888	ug/l	98
23) Vinyl Acetate	3.79	43	925428	93.673	ug/l	100
24) 1,1-Dichloroethane	3.67	63	121204	18.528	ug/l	99
25) 2-Butanone	4.64	43	242371	92.839	ug/l	94
26) 2,2-Dichloropropane	4.55	77	112848	19.428	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	77046	18.230	ug/l	99
28) Bromochloromethane	4.98	49	60105	18.881	ug/l	94
29) Tetrahydrofuran	5.10	42	149590	86.723	ug/l	97
30) Chloroform	5.18	83	127012	18.940	ug/l	99
31) Cyclohexane	5.55	56	101713	17.988	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	118010	19.108	ug/l	100
36) 1,1-Dichloropropene	5.77	75	92777	19.143	ug/l	99
37) Ethyl Acetate	4.79	43	94034	19.123	ug/l	99
38) Carbon Tetrachloride	5.76	117	106776	20.002	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD01

Quant Time: Jul 07 06:51:28 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)
39) Methylcyclohexane	7.44	83	103056	19.111	ug/l	97
40) Benzene	6.12	78	271640	19.076	ug/l	99
41) Methacrylonitrile	5.01	41	51961	18.774	ug/l	99
42) 1,2-Dichloroethane	6.17	62	101828	19.797	ug/l	99
43) Isopropyl Acetate	6.42	43	154550	18.914	ug/l	100
44) Trichloroethene	7.19	130	80202	20.226	ug/l	100
45) 1,2-Dichloropropane	7.49	63	69198	18.920	ug/l	99
46) Dibromomethane	7.64	93	47673	19.092	ug/l	95
47) Bromodichloromethane	7.88	83	100935	19.615	ug/l	99
48) Methyl methacrylate	7.74	41	74503	19.191	ug/l	98
49) 1,4-Dioxane	7.71	88	30412	345.791	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	472626	97.030	ug/l	100
52) Toluene	8.77	92	175476	19.737	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	111493	19.637	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	119606	19.651	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	71140	19.584	ug/l	98
56) Ethyl methacrylate	9.16	69	102511	19.827	ug/l	98
57) 1,3-Dichloropropane	9.35	76	118264	19.241	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	266539	103.583	ug/l	98
59) 2-Hexanone	9.47	43	351669	98.856	ug/l	100
60) Dibromochloromethane	9.56	129	83852	19.875	ug/l	100
61) 1,2-Dibromoethane	9.65	107	76814	19.673	ug/l	98
64) Tetrachloroethene	9.32	164	77912	20.146	ug/l	98
65) Chlorobenzene	10.12	112	196474	19.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	75797	19.886	ug/l	99
67) Ethyl Benzene	10.24	91	325027	19.679	ug/l	98
68) m/p-Xylenes	10.34	106	255688	40.318	ug/l	100
69) o-Xylene	10.68	106	117874	19.538	ug/l	97
70) Styrene	10.70	104	209269	20.370	ug/l	98
71) Bromoform	10.84	173	63622	21.049	ug/l #	99
73) Isopropylbenzene	11.00	105	327309	19.280	ug/l	100
74) N-amyl acetate	10.88	43	131933	18.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	99487	18.631	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	124330	24.395	ug/l	86
77) Bromobenzene	11.24	156	88056	18.873	ug/l	95
78) n-propylbenzene	11.34	91	368784	19.210	ug/l	99
79) 2-Chlorotoluene	11.40	91	227749	19.602	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	281345	19.980	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	36302	18.446	ug/l	96
82) 4-Chlorotoluene	11.49	91	271539	19.551	ug/l	98
83) tert-Butylbenzene	11.76	119	268619	19.433	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	280574	19.640	ug/l	99
85) sec-Butylbenzene	11.93	105	309397	19.042	ug/l	99
86) p-Isopropyltoluene	12.05	119	295679	19.548	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	161624	19.073	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	165401	20.585	ug/l	99
89) n-Butylbenzene	12.37	91	253645	18.780	ug/l	99
90) Hexachloroethane	12.58	117	52322	17.541	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	153096	19.328	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22829	17.921	ug/l	98

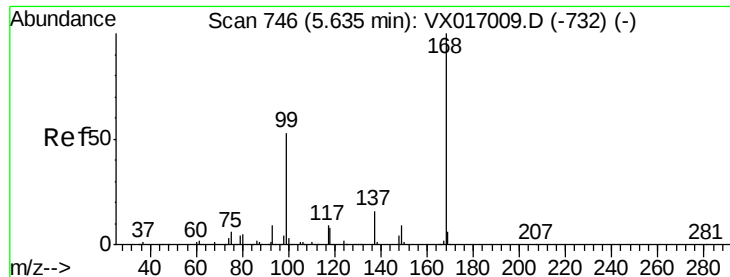
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
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VX0706WBSD01

Quant Time: Jul 07 06:51:28 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)
93) 1,2,4-Trichlorobenzene	13.63	180	105521	19.518	ug/l	98
94) Hexachlorobutadiene	13.77	225	39558	19.798	ug/l	95
95) Naphthalene	13.82	128	317773	19.334	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	103536	19.789	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

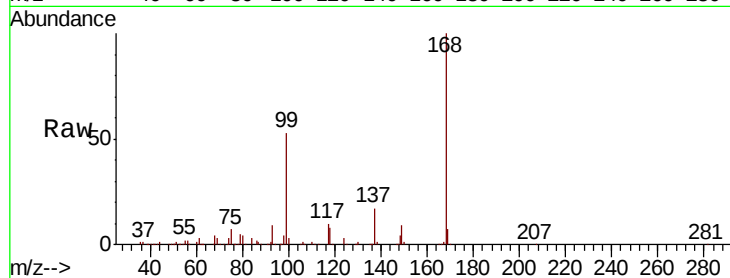
VX0706WBSD01

Tot Ion:168 Resp: 339734

Ion Ratio Lower Upper

168 100

99 53.0 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

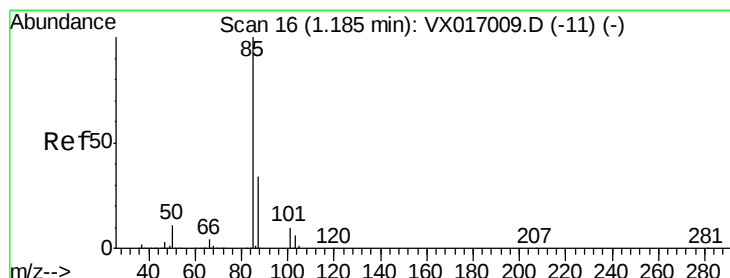
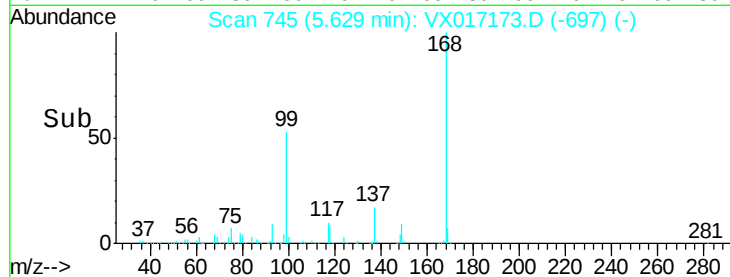
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.097 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017173.D

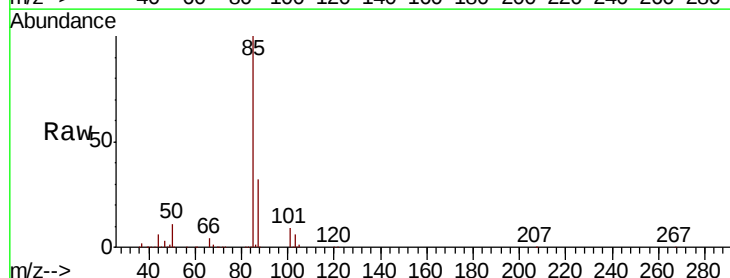
Acq: 06 Jul 2020 17:10

Tgt Ion: 85 Resp: 59479

Ion Ratio Lower Upper

85 100

87 32.4 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

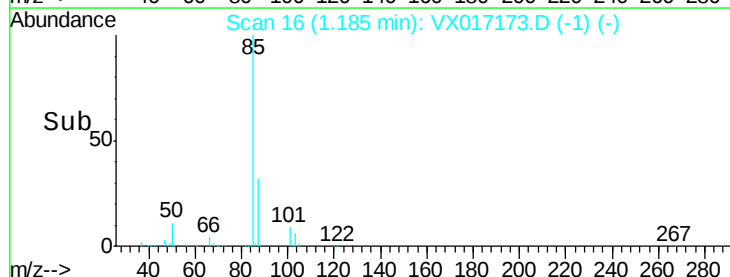
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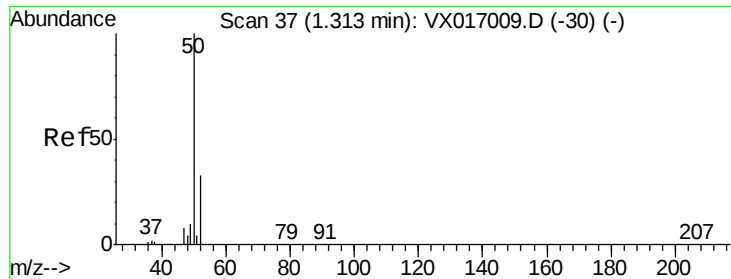
40000

20000

0

Time-->





#3

Chloromethane

Concen: 14.752 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

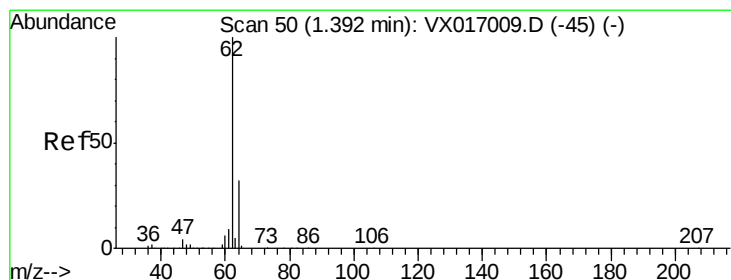
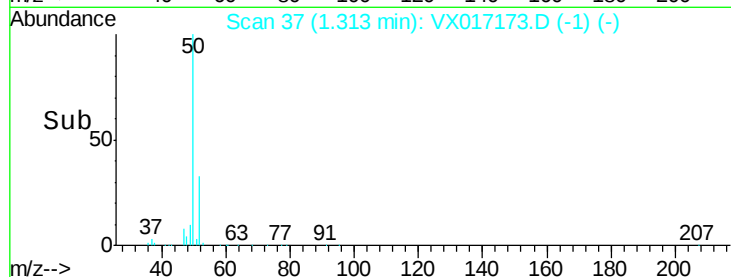
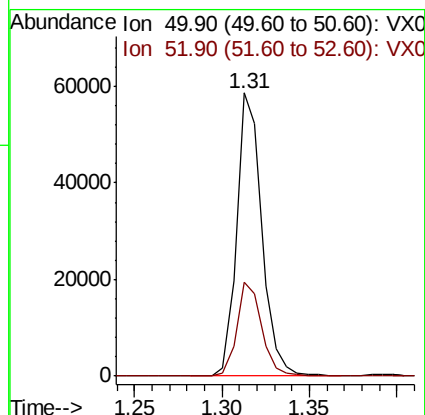
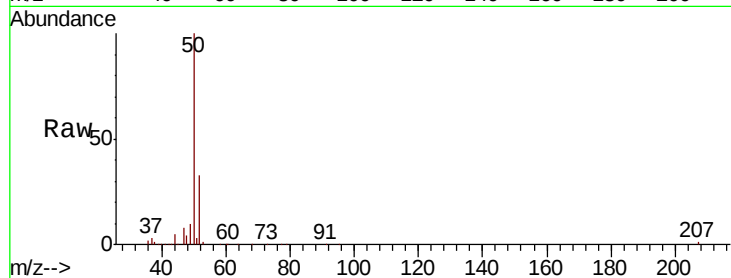
VX0706WBSD01

Tot Ion: 50 Resp: 58688

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 16.666 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017173.D

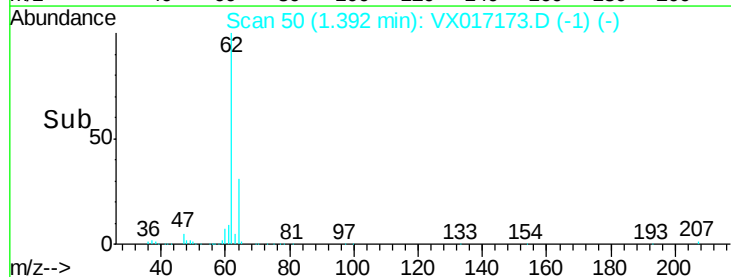
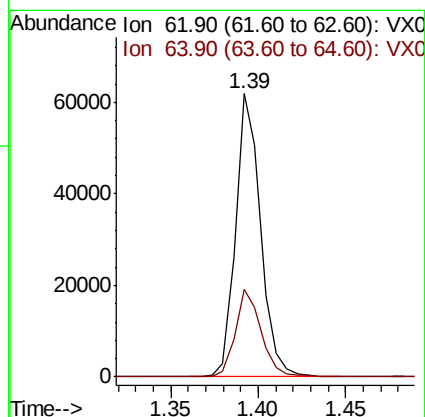
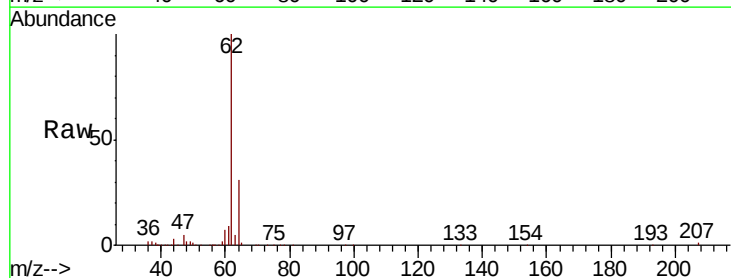
Acq: 06 Jul 2020 17:10

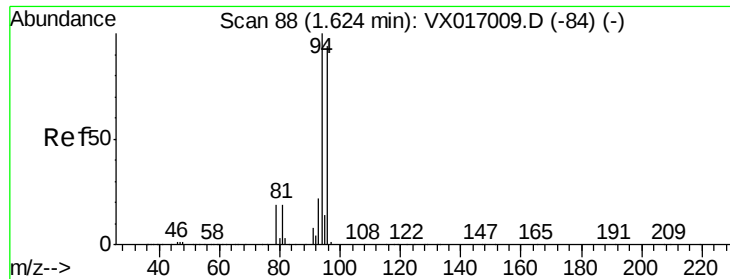
Tgt Ion: 62 Resp: 61517

Ion Ratio Lower Upper

62 100

64 30.9 25.9 38.9





#5

Bromomethane

Concen: 20.331 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

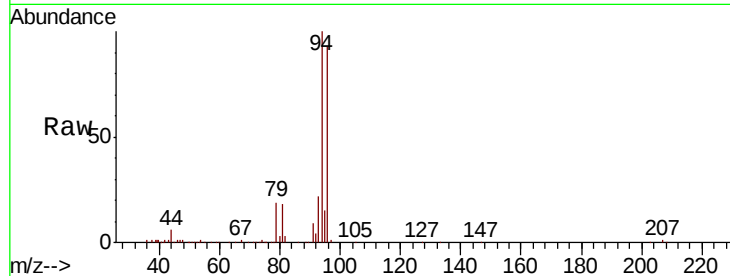
VX0706WBSD01

Tot Ion: 94 Resp: 39648

Ion Ratio Lower Upper

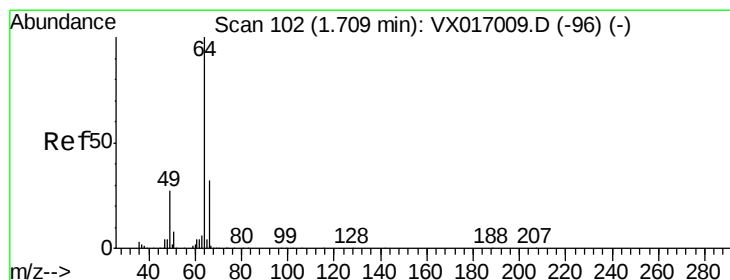
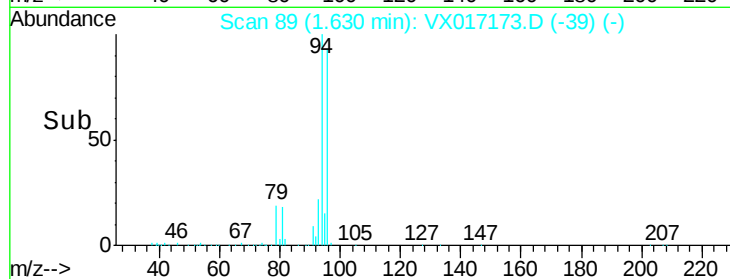
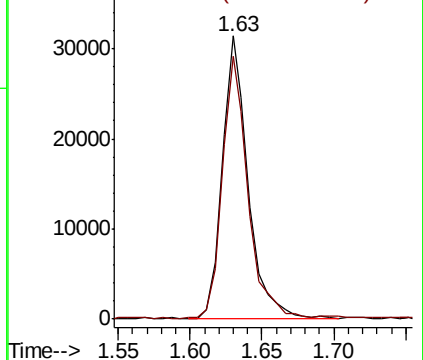
94 100

96 92.2 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: 17.268 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017173.D

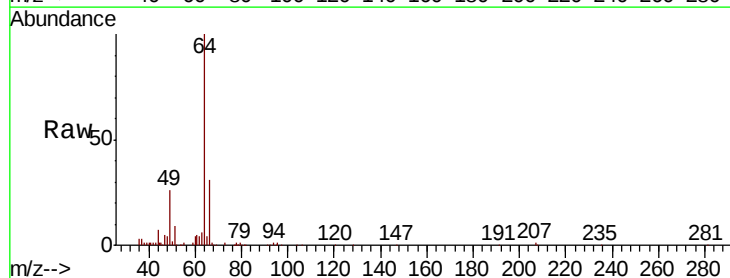
Acq: 06 Jul 2020 17:10

Tgt Ion: 64 Resp: 37645

Ion Ratio Lower Upper

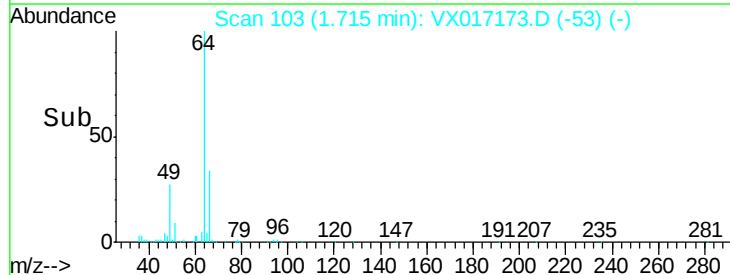
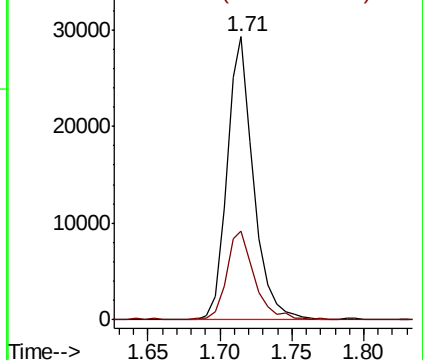
64 100

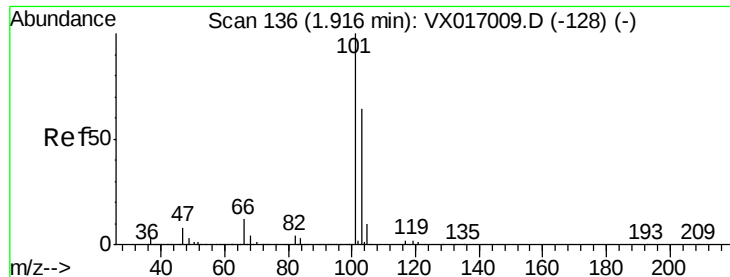
66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



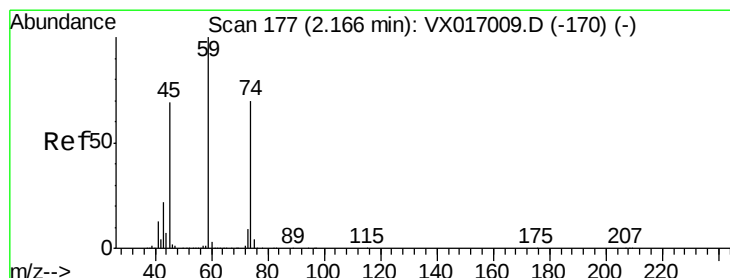
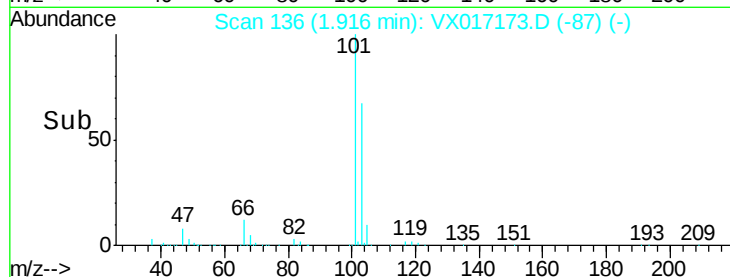
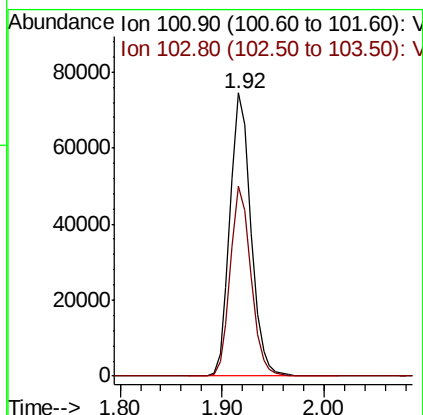
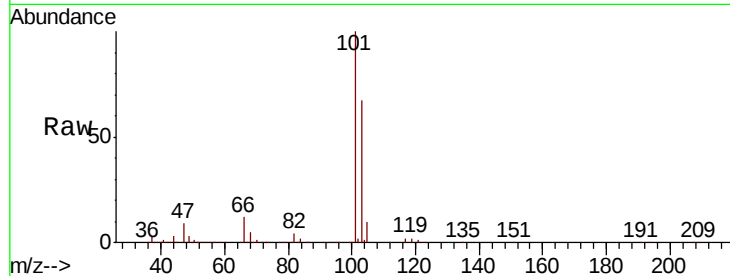


#7

Trichlorofluoromethane
 Concen: 19.416 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD01

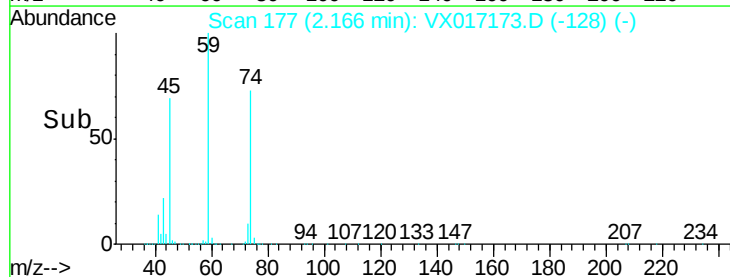
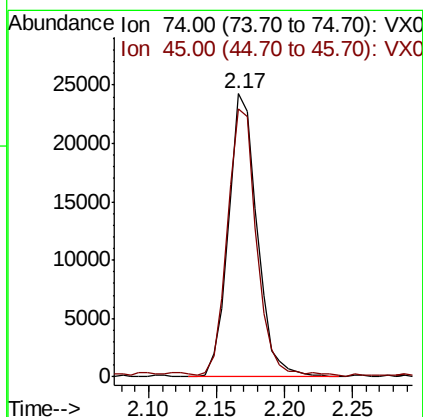
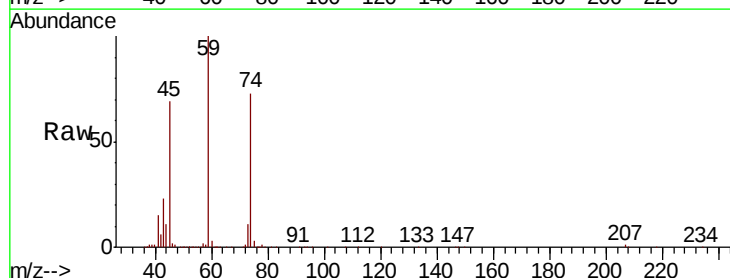
Tot Ion:101 Resp: 105997
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.5 77.3

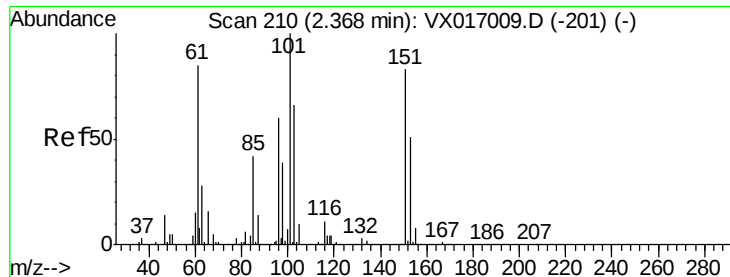


#8

Diethyl Ether
 Concen: 19.634 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Tgt Ion: 74 Resp: 35653
 Ion Ratio Lower Upper
 74 100
 45 97.3 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.964 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD01

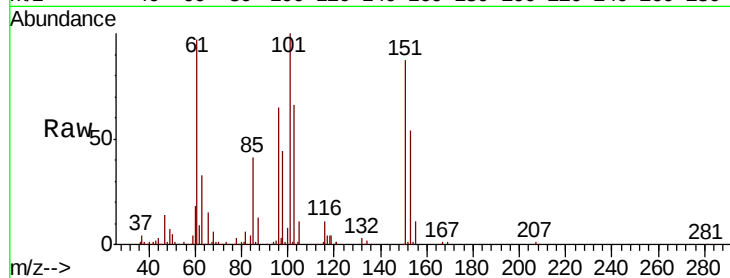
Tot Ion:101 Resp: 62049

Ion Ratio Lower Upper

101 100

85 42.3 33.5 50.3

151 83.4 63.8 95.6



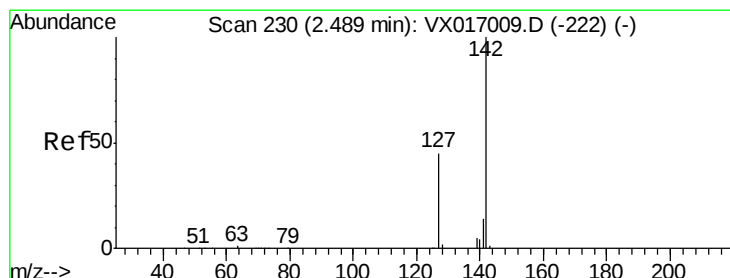
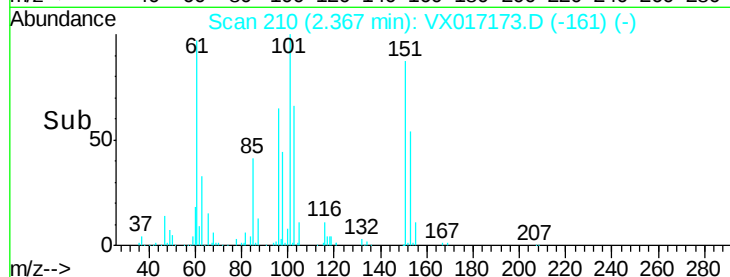
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.37

Time-->



#10

Methyl Iodide

Concen: 12.468 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

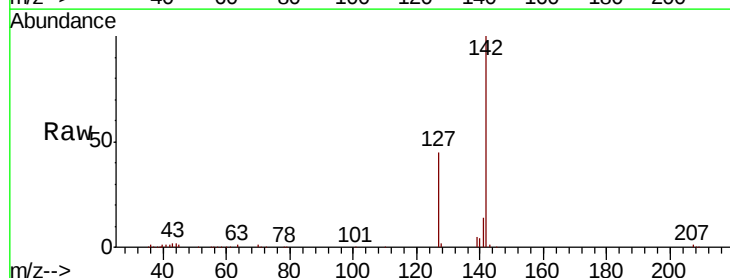
Tgt Ion:142 Resp: 52639

Ion Ratio Lower Upper

142 100

127 45.5 36.6 54.8

141 14.2 11.6 17.4



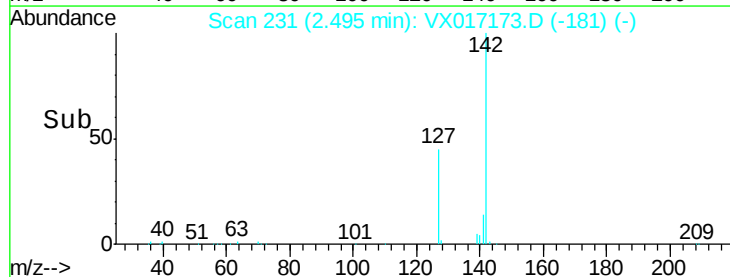
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.50

Time-->





#11

Tert butyl alcohol

Concen: 86.279 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

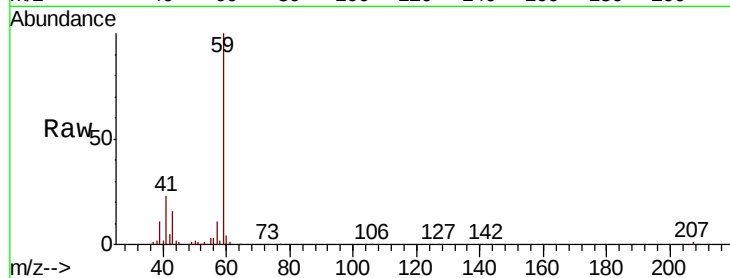
VX0706WBSD01

Tot Ion: 59 Resp: 68936

Ion Ratio Lower Upper

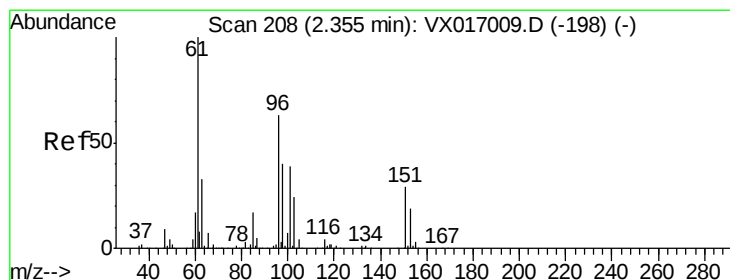
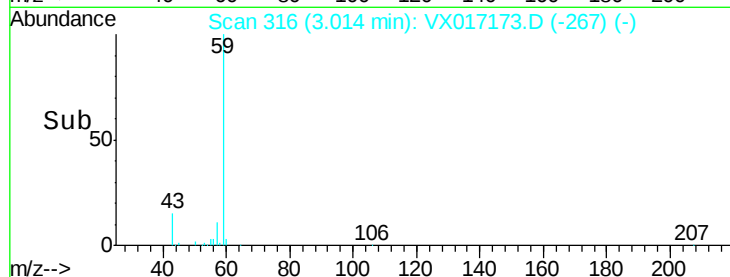
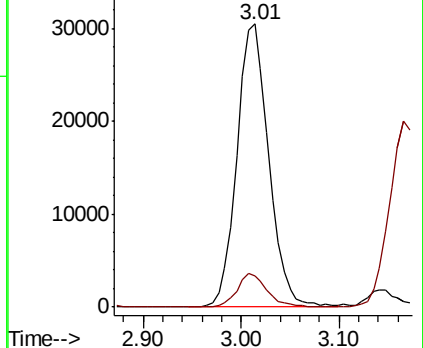
59 100

57 11.2 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.056 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

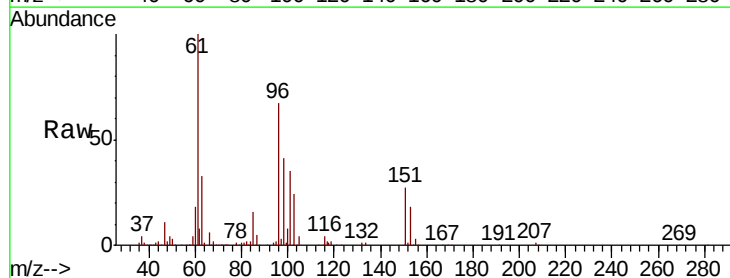
Tgt Ion: 96 Resp: 60689

Ion Ratio Lower Upper

96 100

61 150.3 126.3 189.5

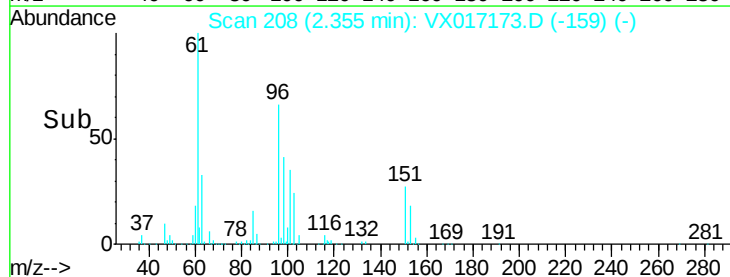
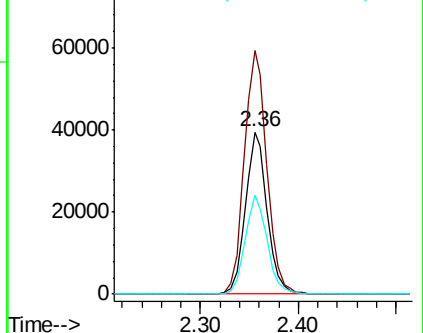
98 61.0 51.0 76.6

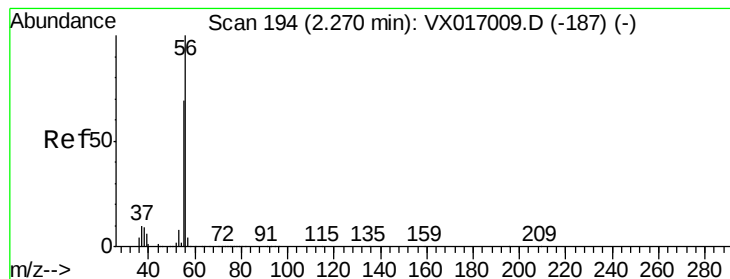


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 49.585 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

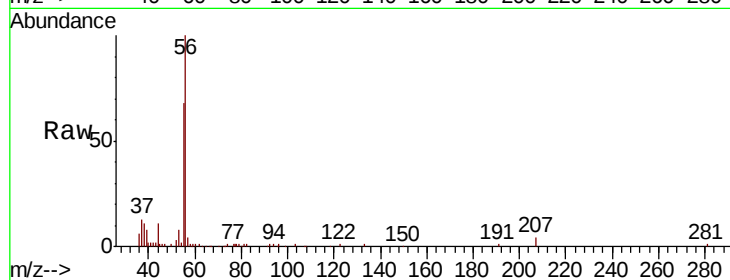
VX0706WBSD01

Tot Ion: 56 Resp: 23683

Ion Ratio Lower Upper

56 100

55 75.0 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

15000

10000

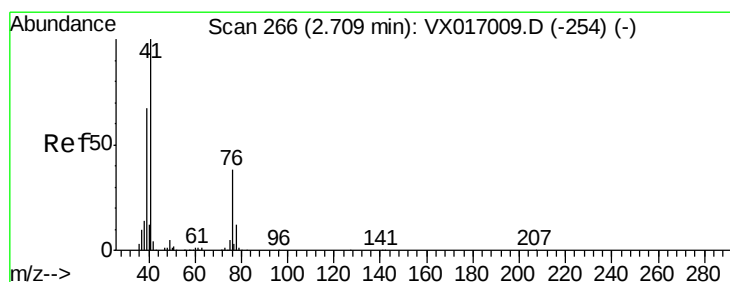
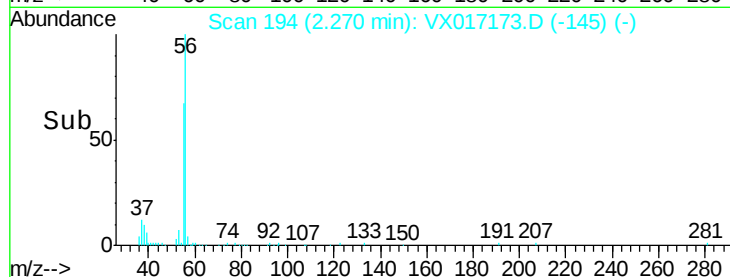
5000

0

2.27

2.20 2.25 2.30 2.35

Time-->



#14

Allyl chloride

Concen: 17.259 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

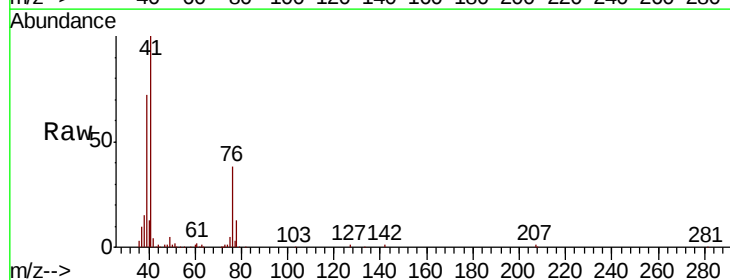
Tgt Ion: 41 Resp: 107207

Ion Ratio Lower Upper

41 100

39 64.5 49.4 74.2

76 33.8 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

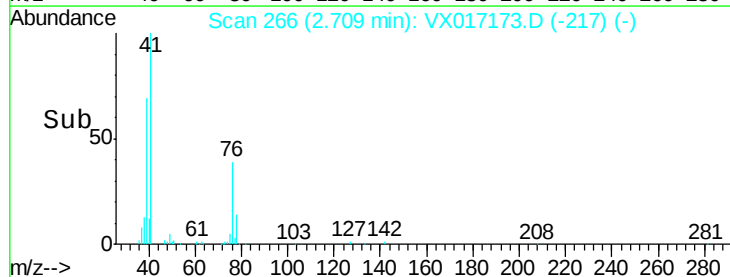
50000

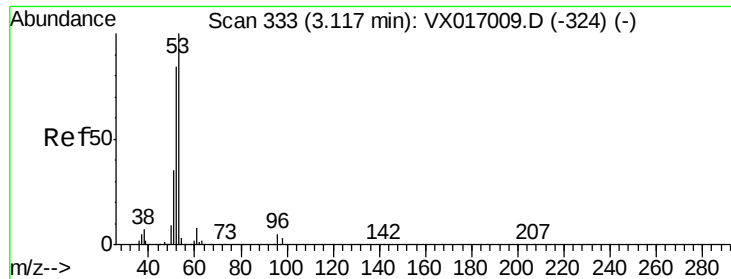
0

2.71

2.60 2.70 2.80

Time-->

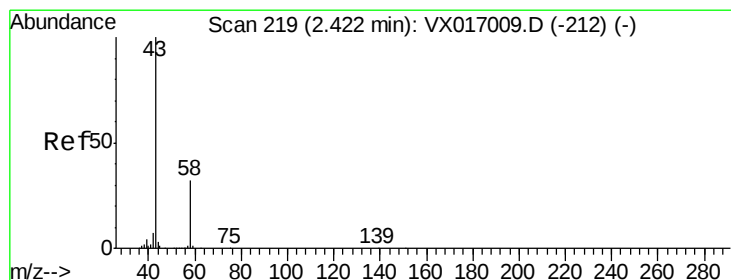
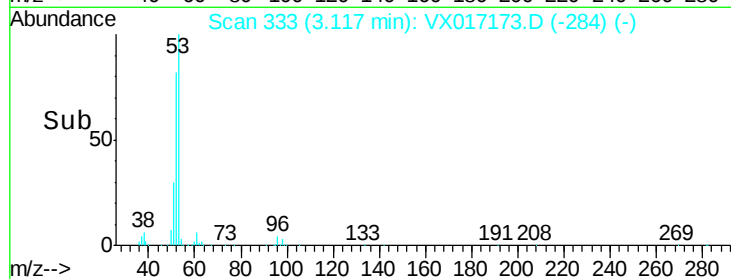
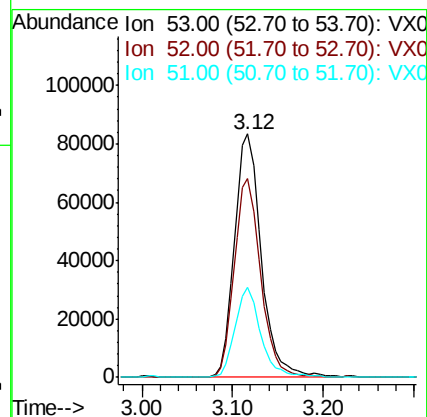
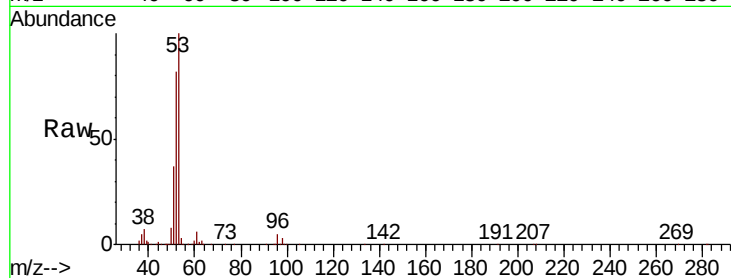




#15
 Acrylonitrile
 Concen: 89.531 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

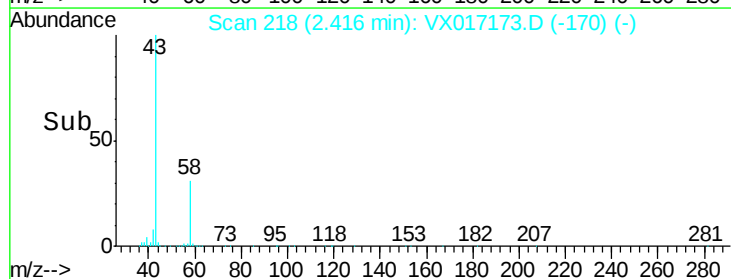
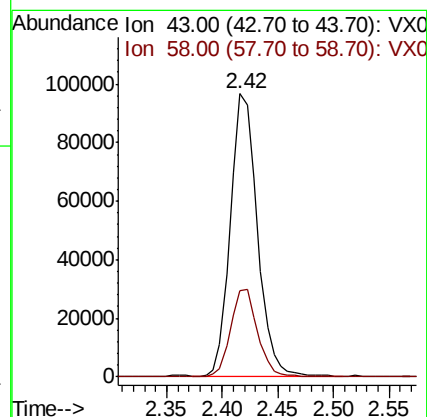
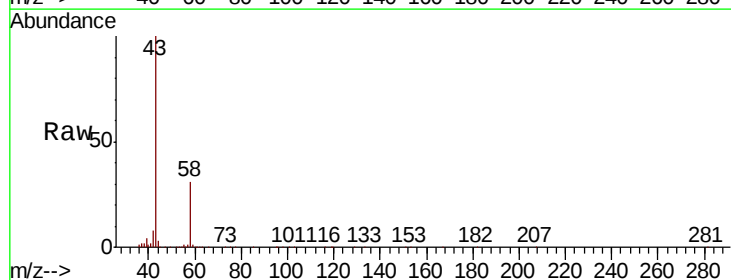
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0706WBSD01

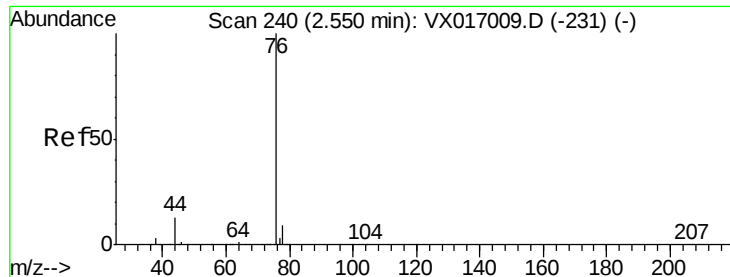
Tot Ion: 53 Resp: 171966
 Ion Ratio Lower Upper
 53 100
 52 80.4 65.6 98.4
 51 35.7 28.3 42.5



#16
 Acetone
 Concen: 102.718 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Tgt Ion: 43 Resp: 160937
 Ion Ratio Lower Upper
 43 100
 58 30.6 25.7 38.5





#17

Carbon Disulfide

Concen: 17.860 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

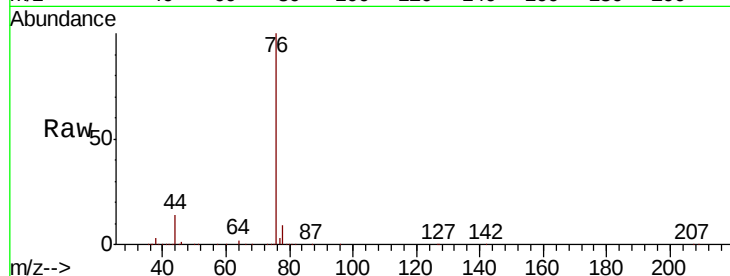
VX0706WBSD01

Tot Ion: 76 Resp: 167380

Ion Ratio Lower Upper

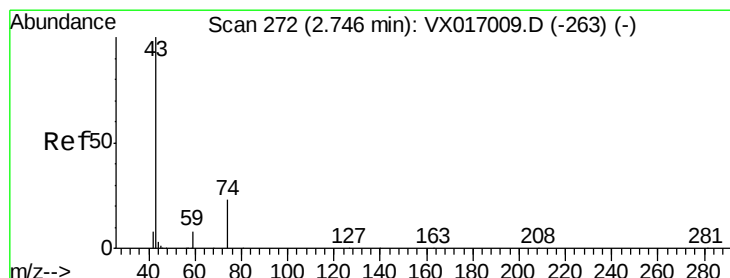
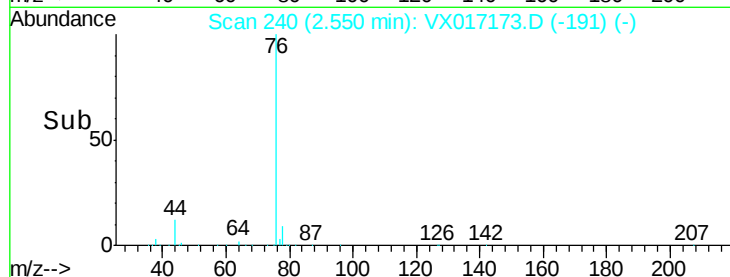
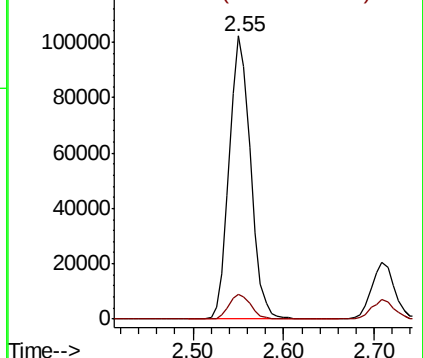
76 100

78 8.5 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: 18.641 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017173.D

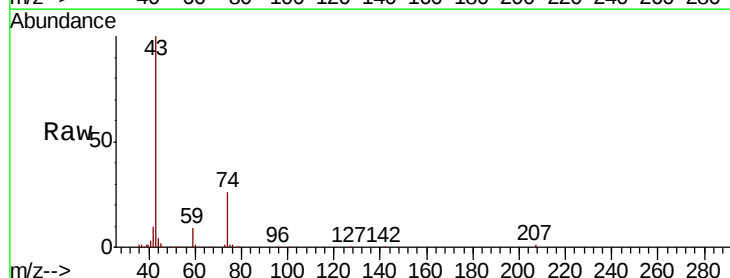
Acq: 06 Jul 2020 17:10

Tgt Ion: 43 Resp: 76242

Ion Ratio Lower Upper

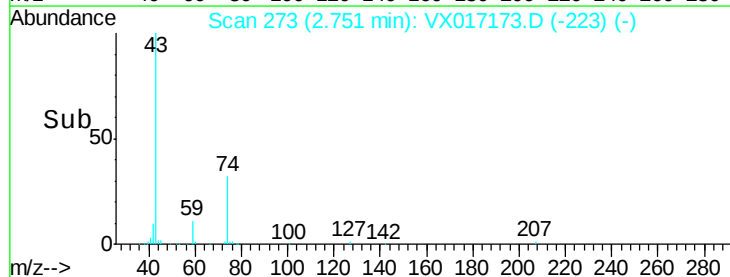
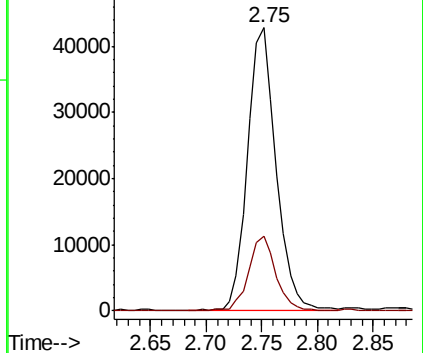
43 100

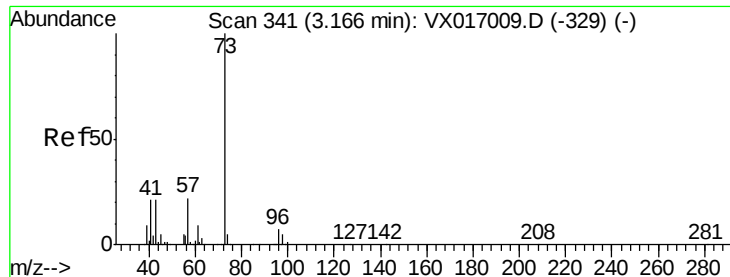
74 25.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



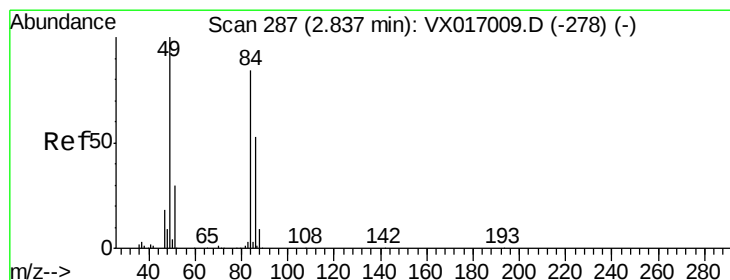
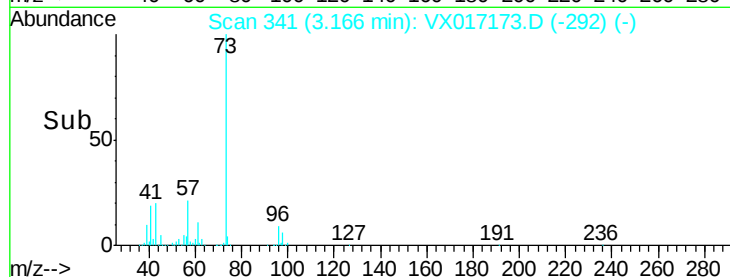
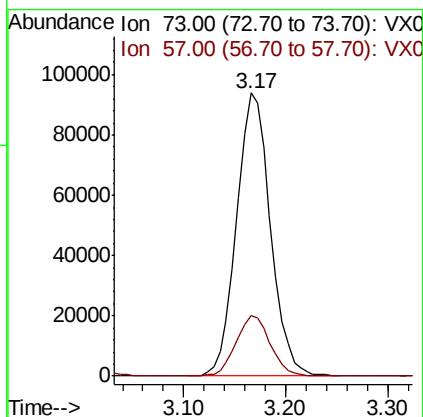
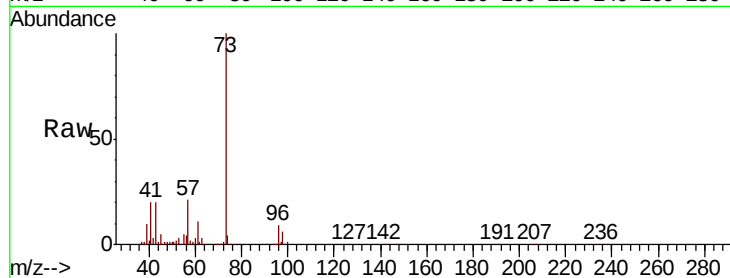


#19

Methyl tert-butyl Ether
 Concen: 19.197 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0706WBSD01

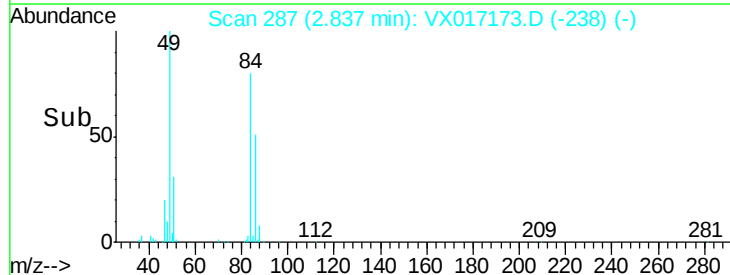
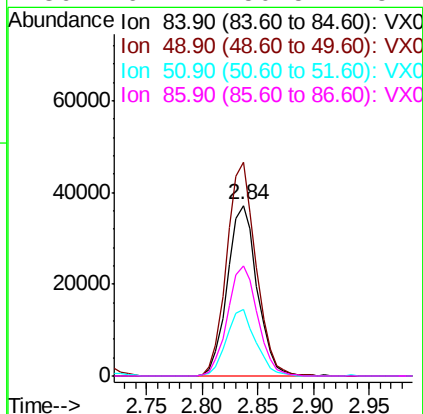
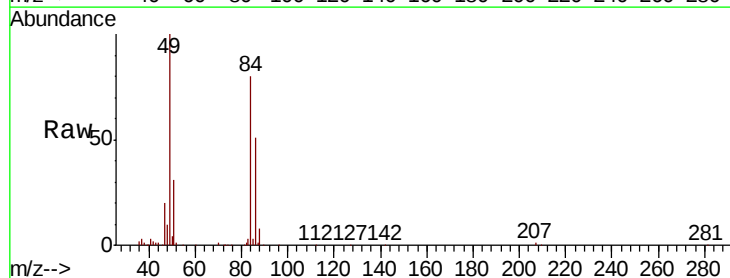
Tot Ion: 73 Resp: 216562
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.6 26.4

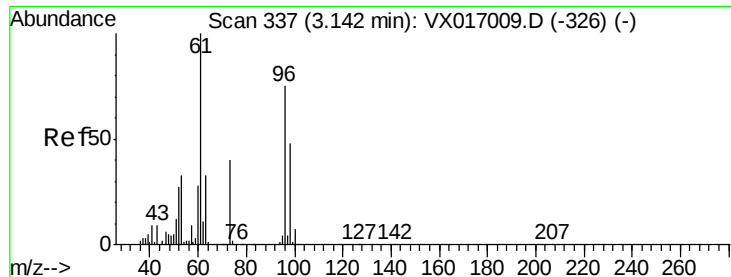


#20

Methylene Chloride
 Concen: 18.727 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Tgt Ion: 84 Resp: 69051
 Ion Ratio Lower Upper
 84 100
 49 125.1 94.7 142.1
 51 39.1 28.6 42.8
 86 64.4 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.508 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD01

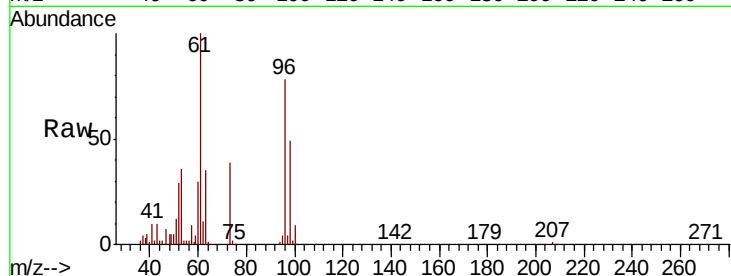
Tot Ion: 96 Resp: 69037

Ion Ratio Lower Upper

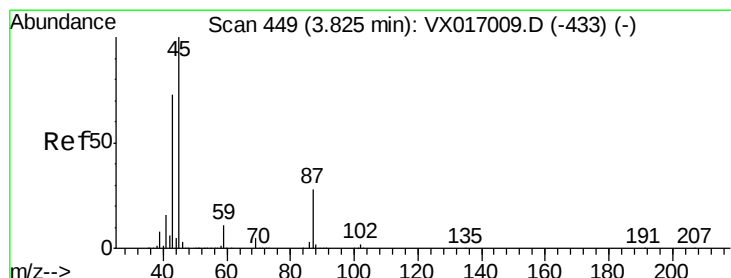
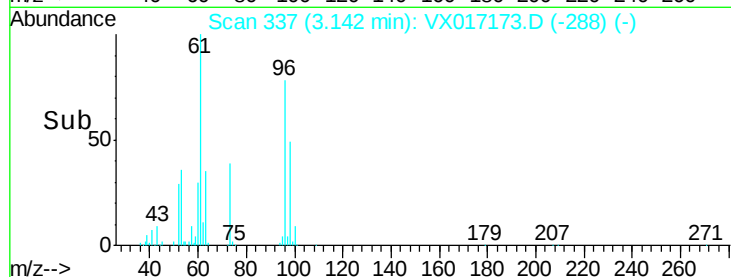
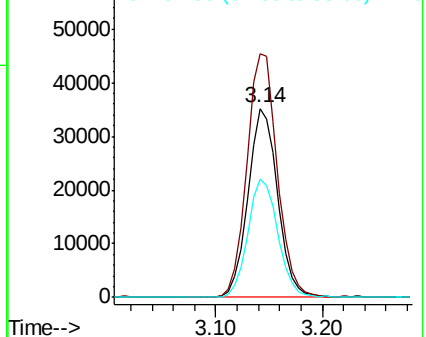
96 100

61 129.0 107.0 160.6

98 62.8 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: 18.888 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Tgt Ion: 45 Resp: 217151

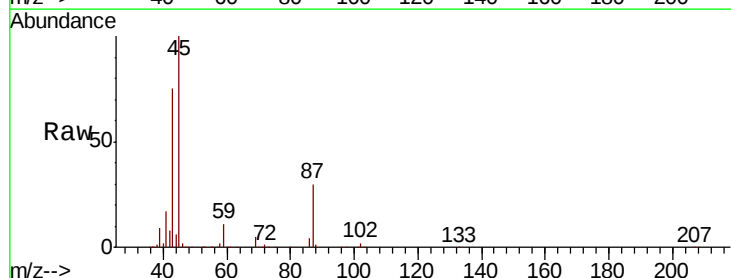
Ion Ratio Lower Upper

45 100

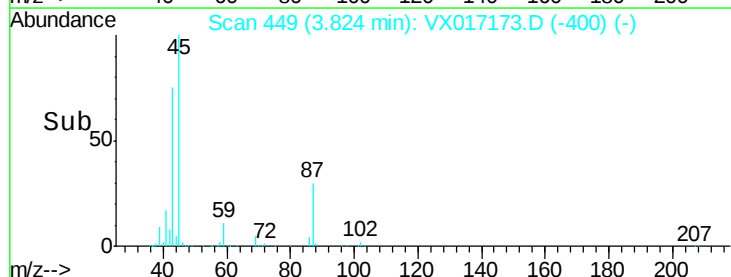
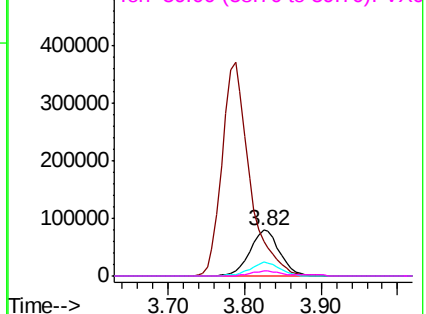
43 74.9 58.6 88.0

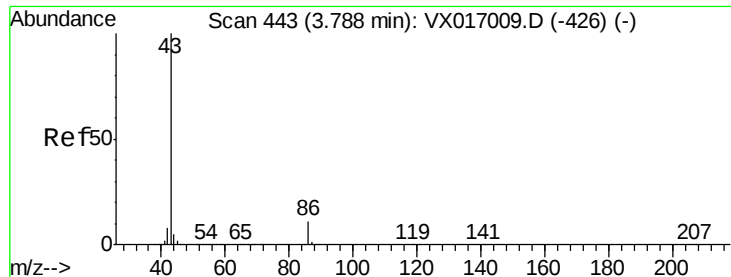
87 29.7 22.6 34.0

59 10.6 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: 93.673 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

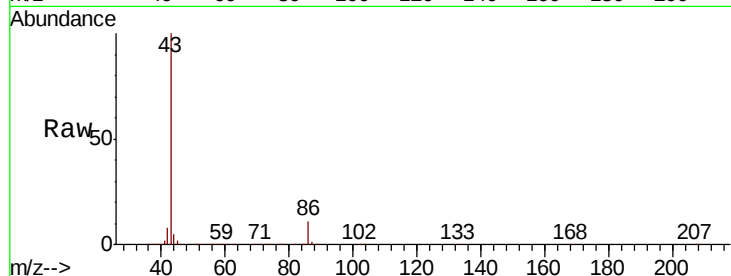
VX0706WBSD01

Tot Ion: 43 Resp: 925428

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

400000

300000

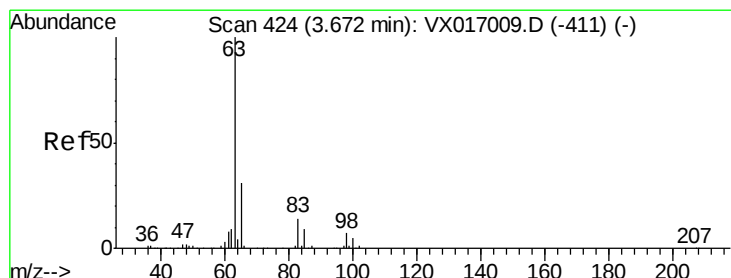
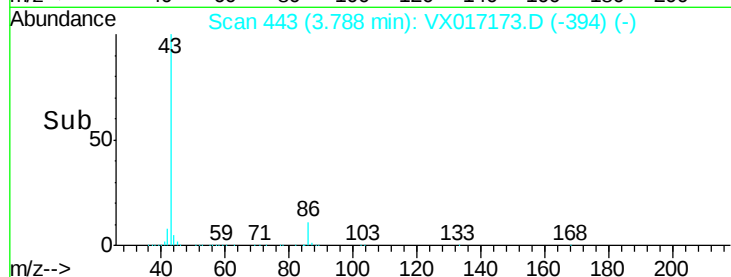
200000

100000

0

Time-->

3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 18.528 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

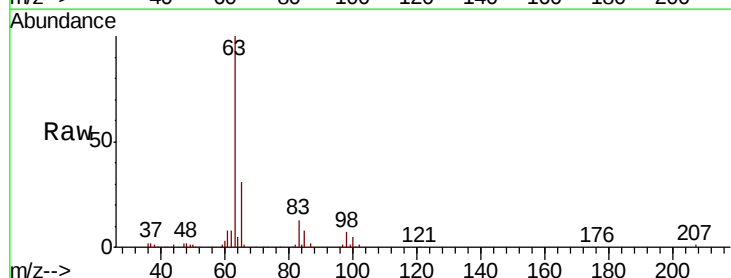
Tgt Ion: 63 Resp: 121204

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

60000

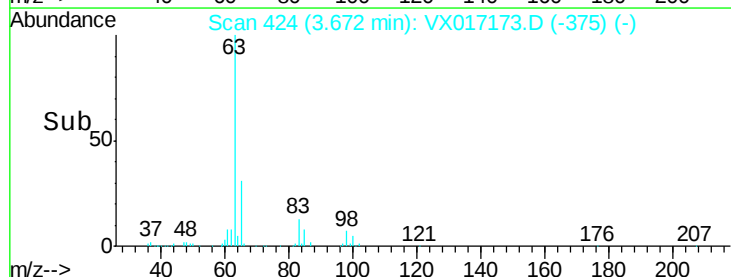
40000

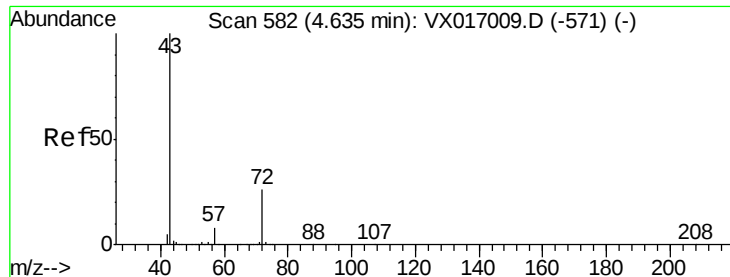
20000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 92.839 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

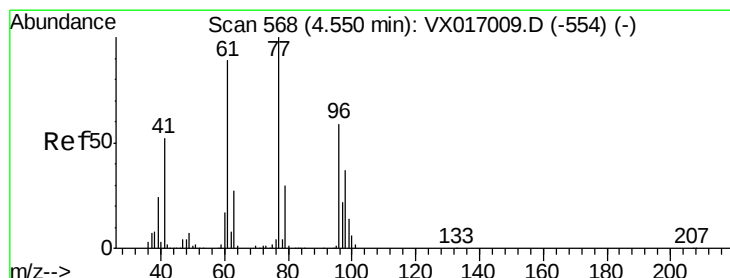
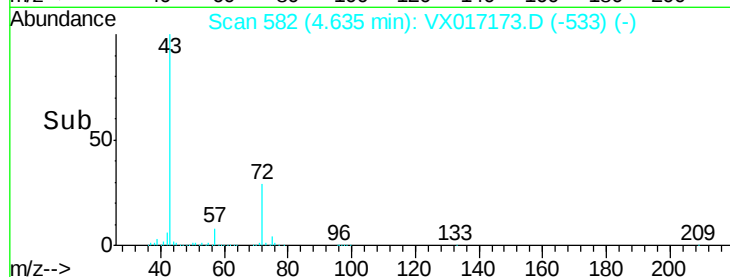
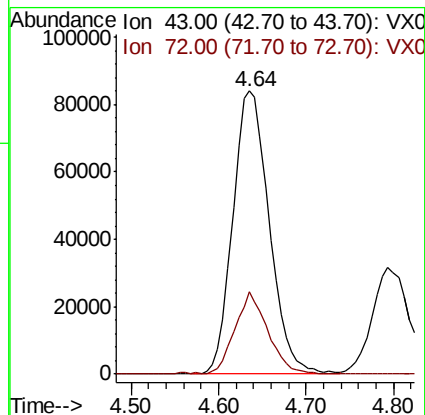
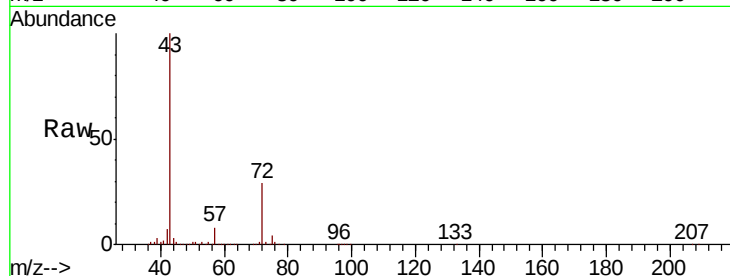
VX0706WBSD01

Tot Ion: 43 Resp: 242371

Ion Ratio Lower Upper

43 100

72 28.9 20.8 31.2



#26

2,2-Dichloropropane

Concen: 19.428 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017173.D

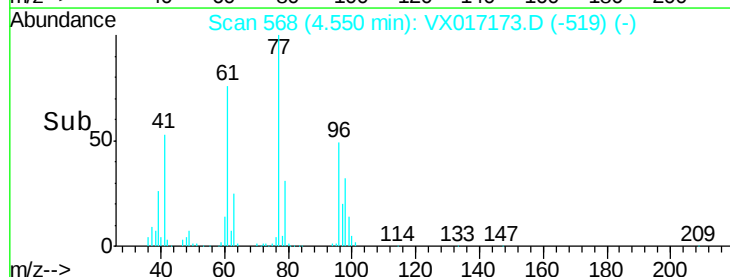
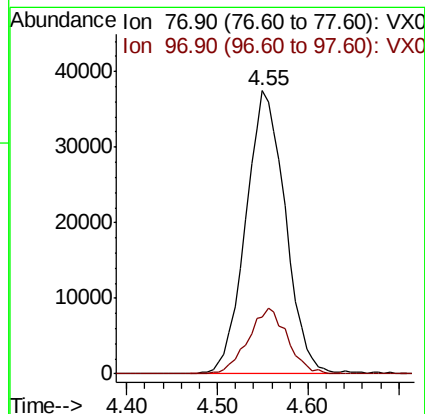
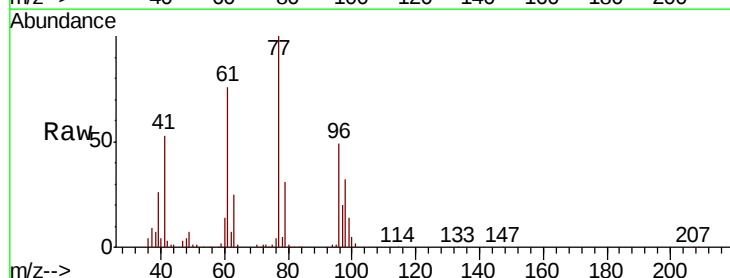
Acq: 06 Jul 2020 17:10

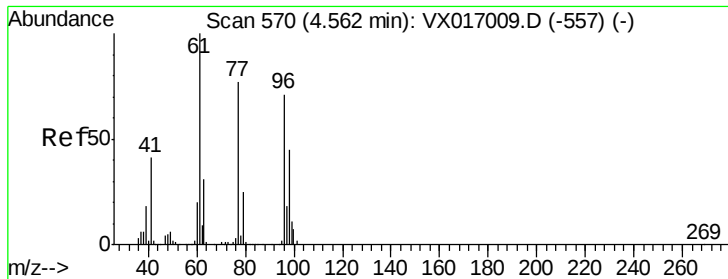
Tgt Ion: 77 Resp: 112848

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.2



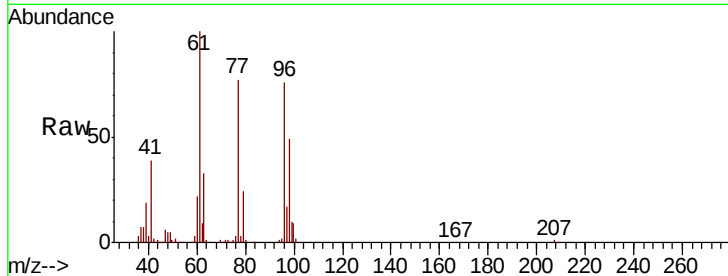


#27

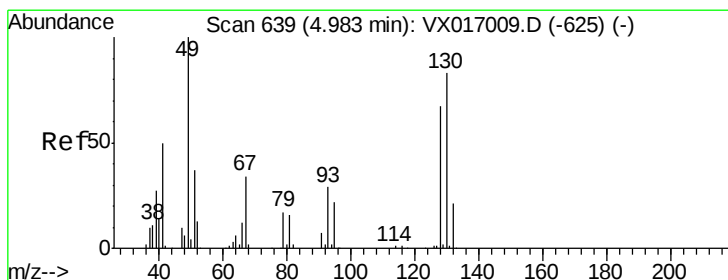
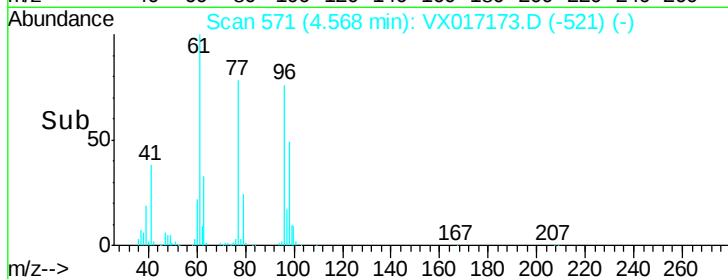
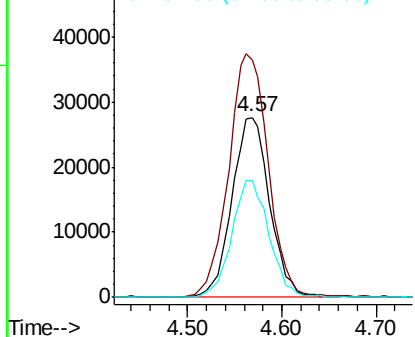
cis-1,2-Dichloroethene
Concen: 18.230 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD01

Tot Ion	96	Resp	77046
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	282.8
98	64.4	0.0	127.6



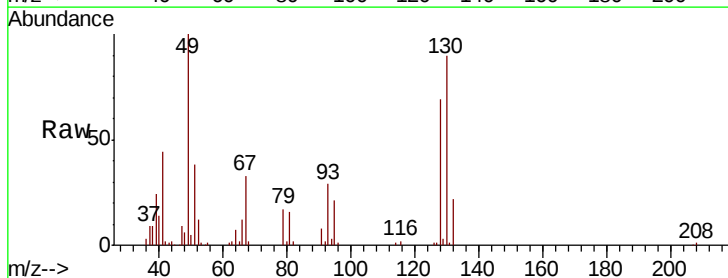
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



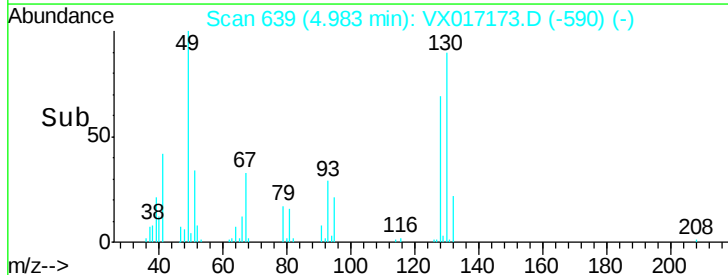
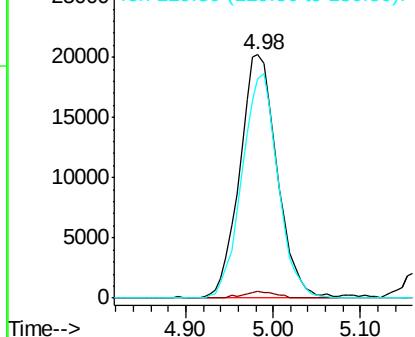
#28

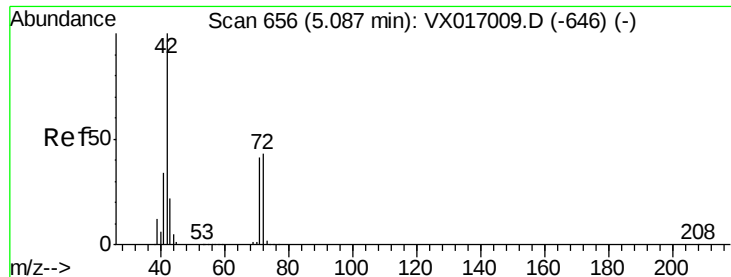
Bromochloromethane
Concen: 18.881 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

Tgt Ion	49	Resp	60105
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	88.7	66.6	100.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

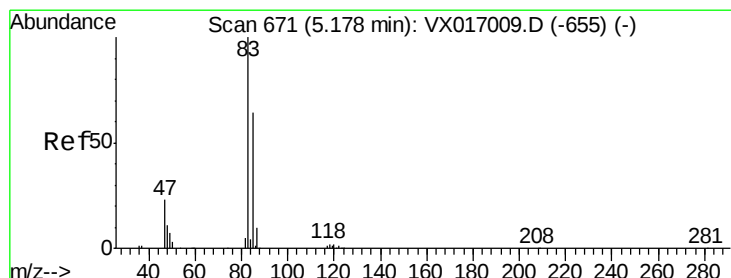
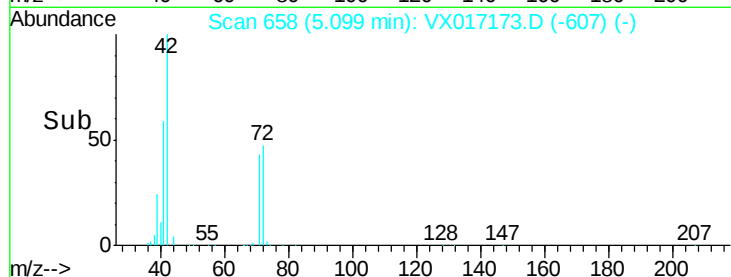
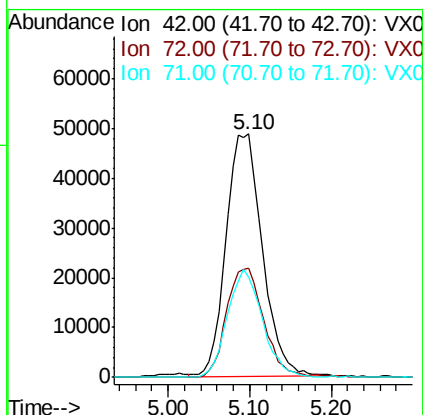
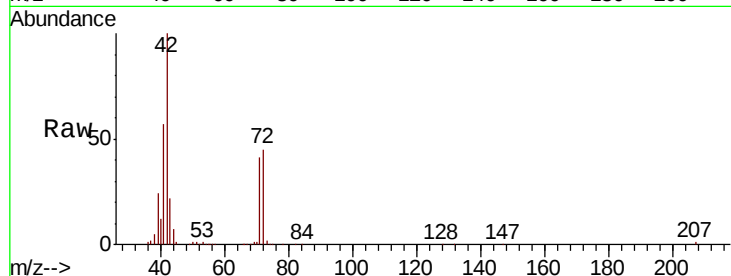




#29
Tetrahydrofuran
Concen: 86.723 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

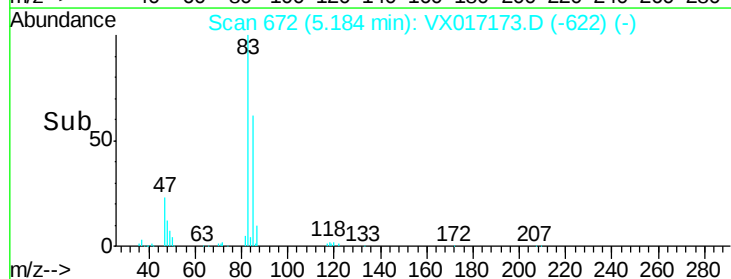
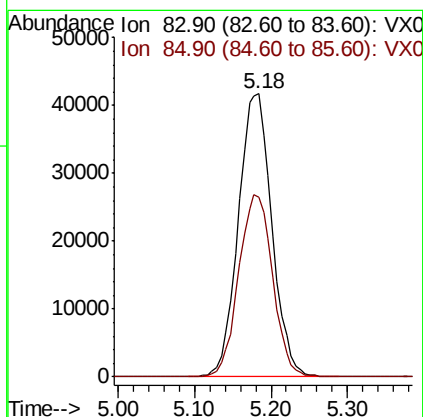
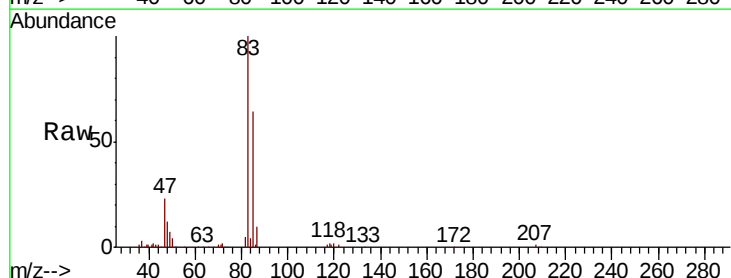
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD01

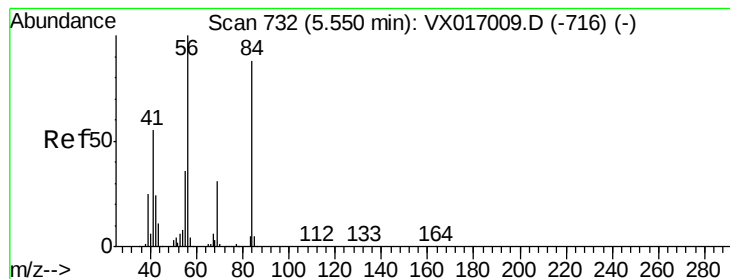
Tot Ion: 42 Resp: 149590
Ion Ratio Lower Upper
42 100
72 46.1 35.3 52.9
71 42.8 33.1 49.7



#30
Chloroform
Concen: 18.940 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

Tgt Ion: 83 Resp: 127012
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.2





#31

Cyclohexane

Concen: 17.988 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD01

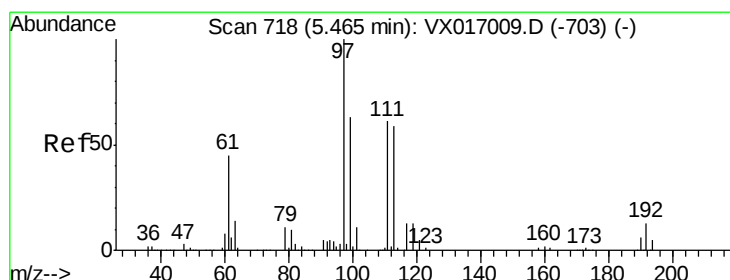
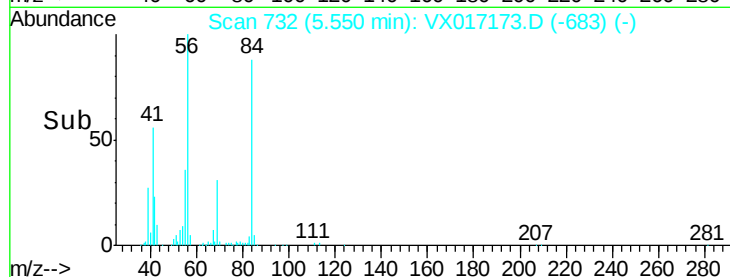
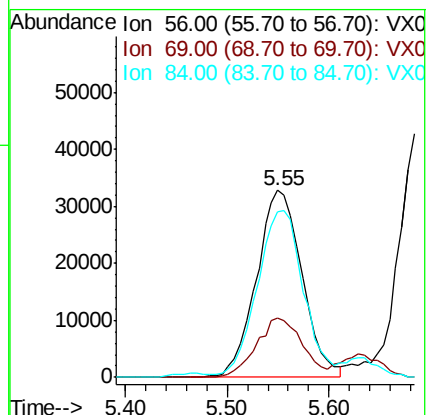
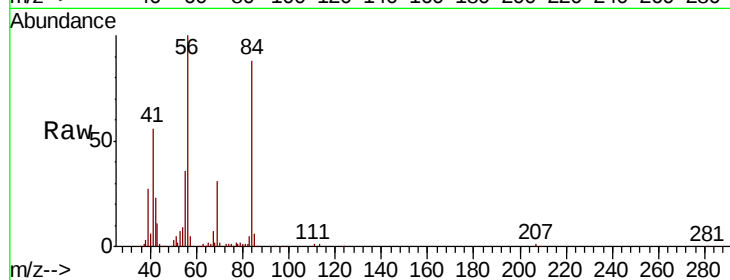
Tot Ion: 56 Resp: 101713

Ion Ratio Lower Upper

56 100

69 31.2 25.0 37.4

84 86.4 69.1 103.7



#32

1,1,1-Trichloroethane

Concen: 19.108 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

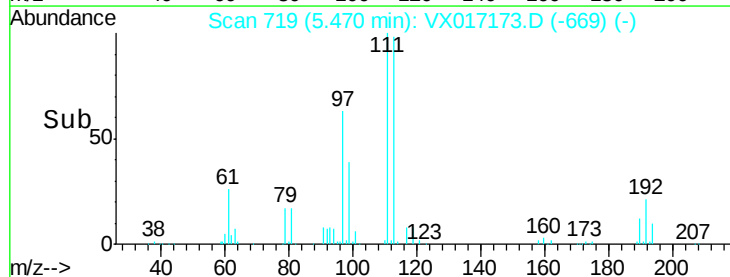
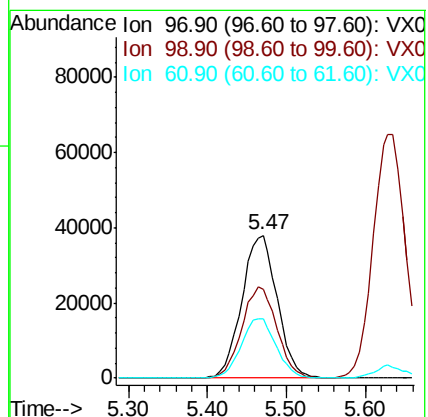
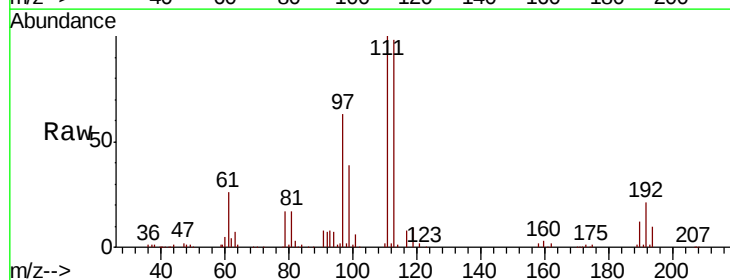
Tgt Ion: 97 Resp: 118010

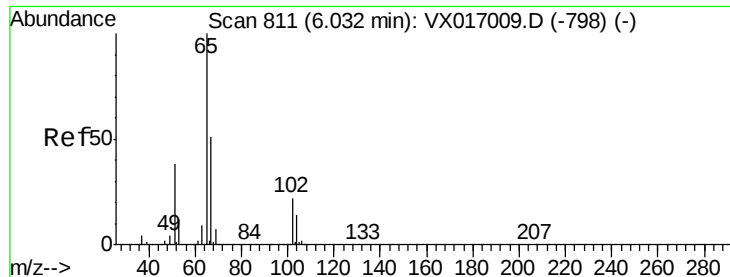
Ion Ratio Lower Upper

97 100

99 63.4 50.8 76.2

61 41.6 33.7 50.5

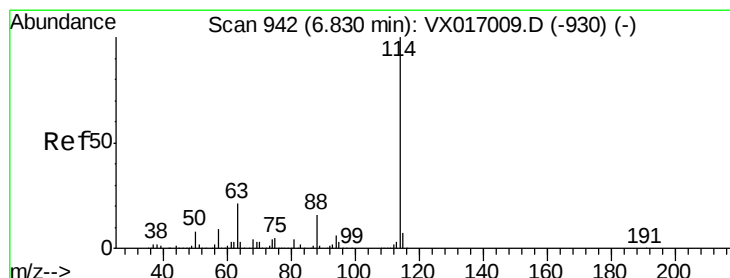
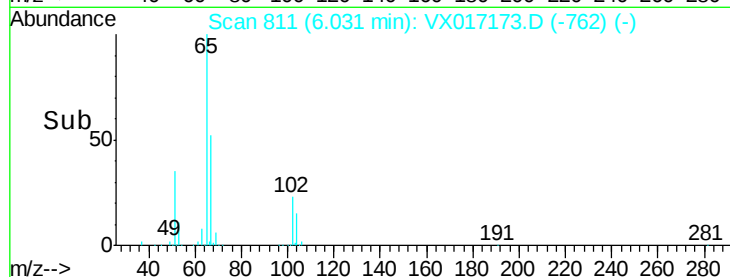
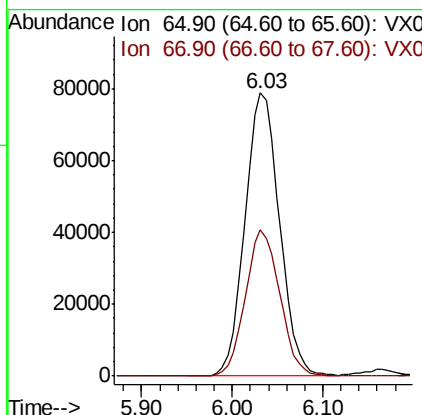
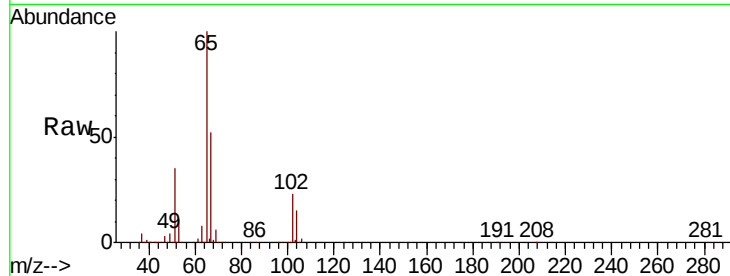




#33
 1,2-Dichloroethane-d4
 Concen: 49.753 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

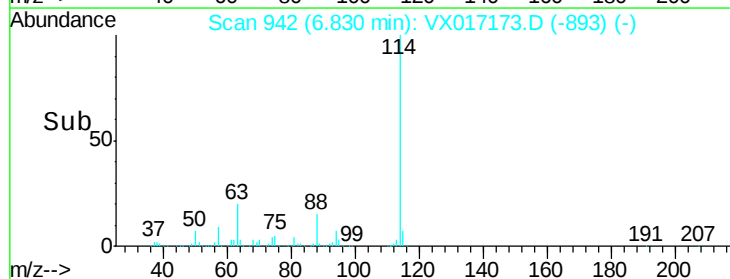
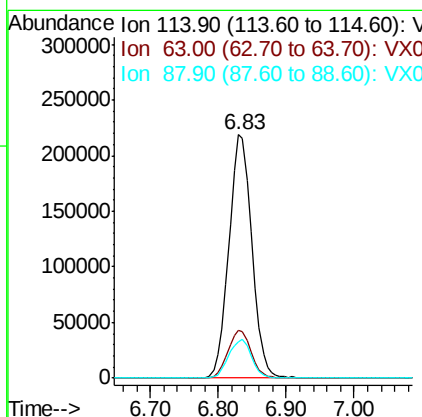
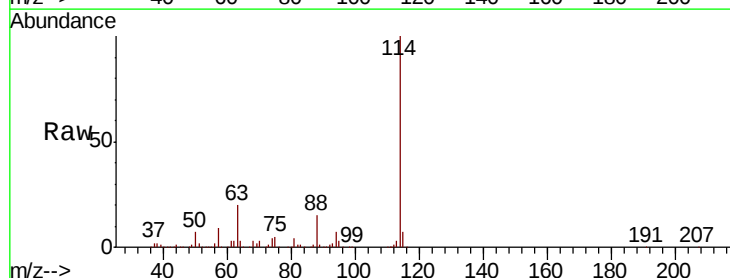
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD01

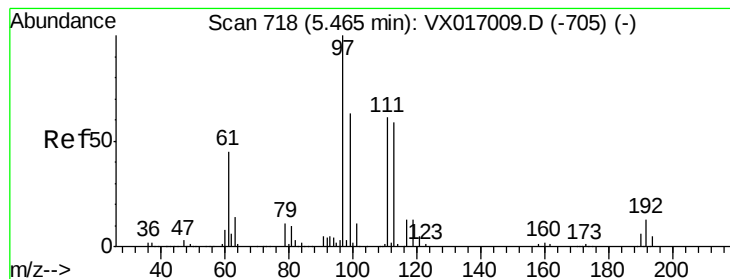
Tot Ion: 65 Resp: 208378
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Tgt Ion: 114 Resp: 512803
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.697 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD01

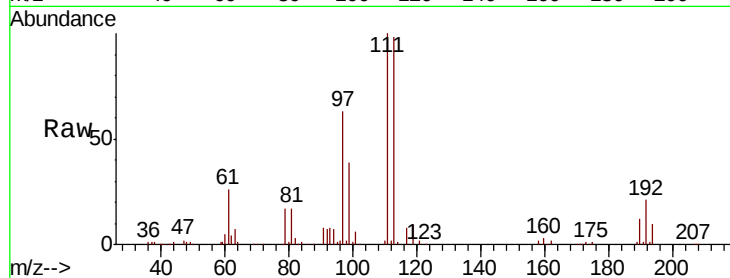
Tot Ion:113 Resp: 170940

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

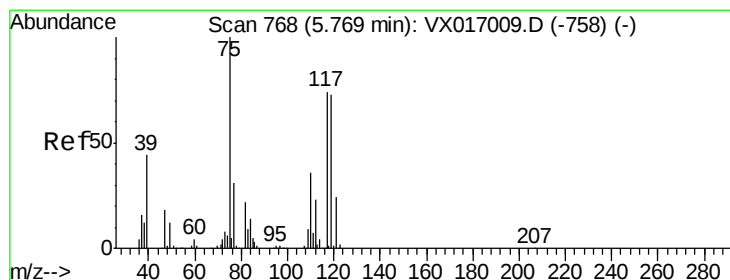
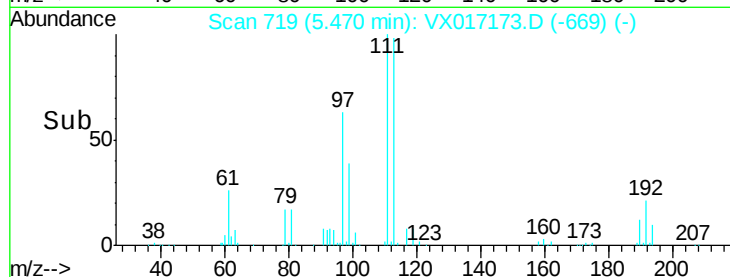
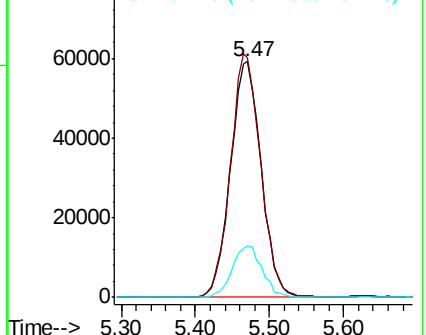
192 21.5 16.7 25.1



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: 19.143 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

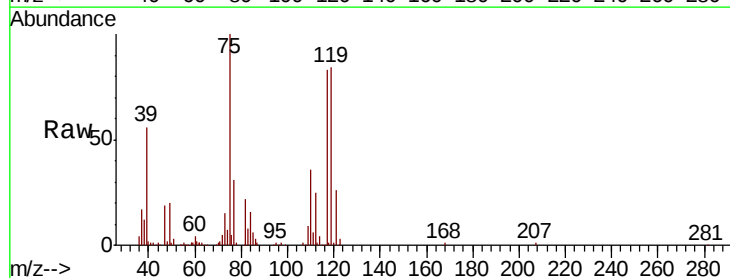
Tgt Ion: 75 Resp: 92777

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.1

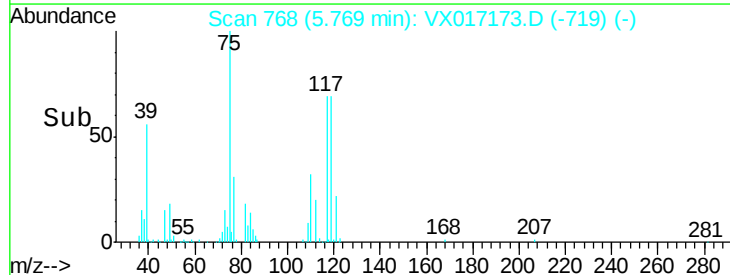
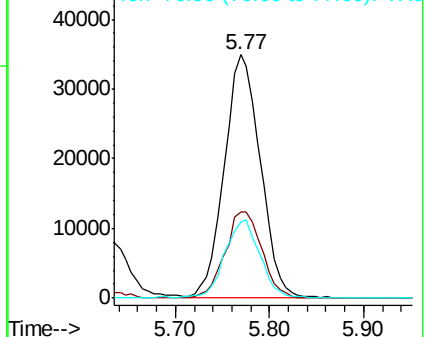
77 31.8 24.6 37.0

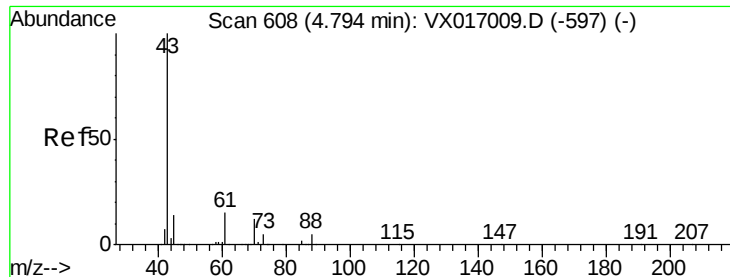


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

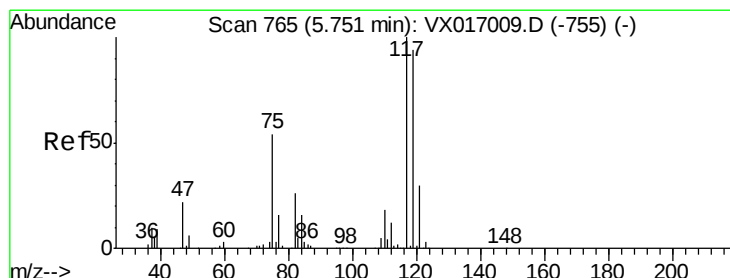
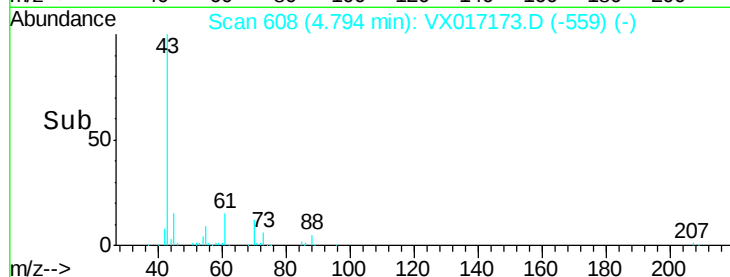
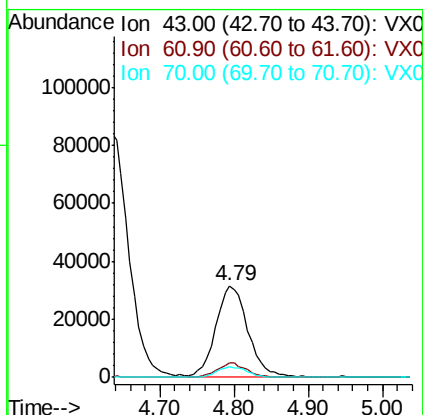
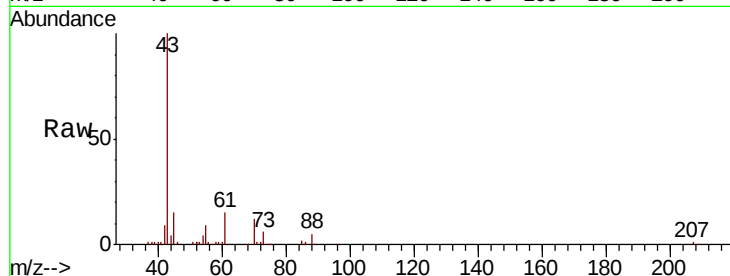




#37
Ethyl Acetate
Concen: 19.123 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

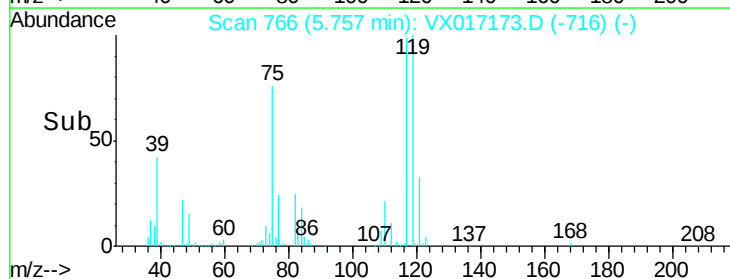
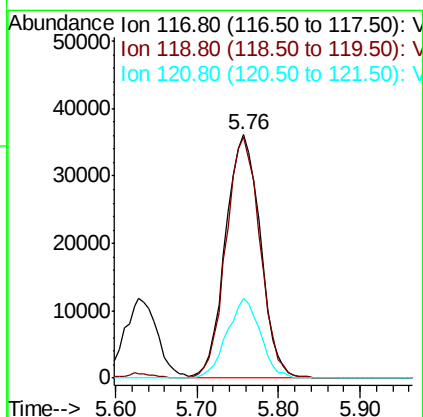
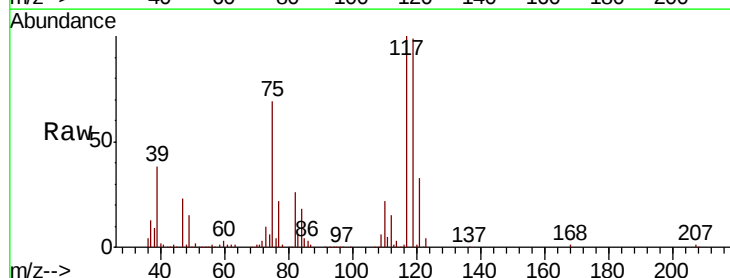
Instrument :
MSVOA_X
ClientSampleID :
VX0706WBSD01

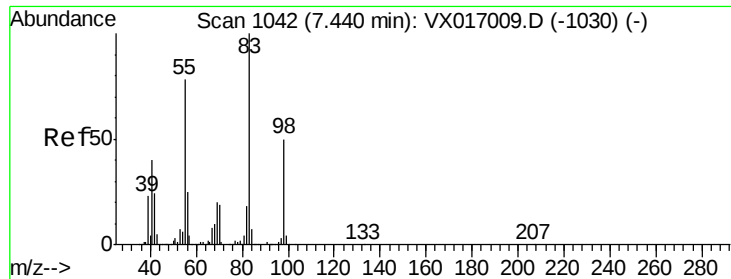
Tot Ion: 43 Resp: 94034
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.4
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 20.002 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

Tgt Ion: 117 Resp: 106776
Ion Ratio Lower Upper
117 100
119 98.9 75.4 113.0
121 33.0 23.8 35.6

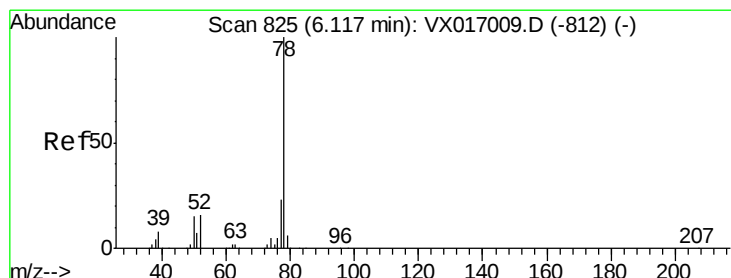
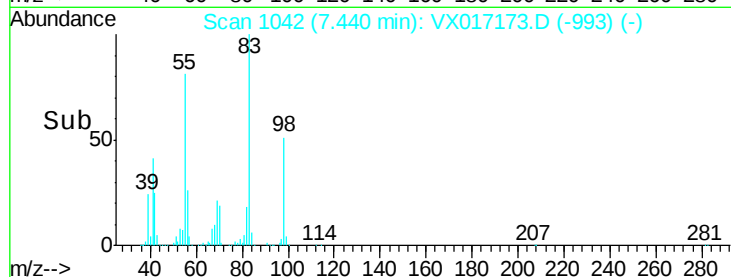
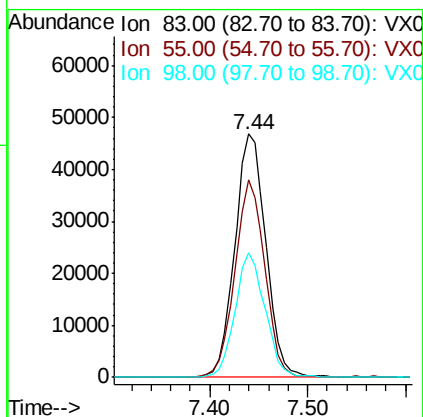
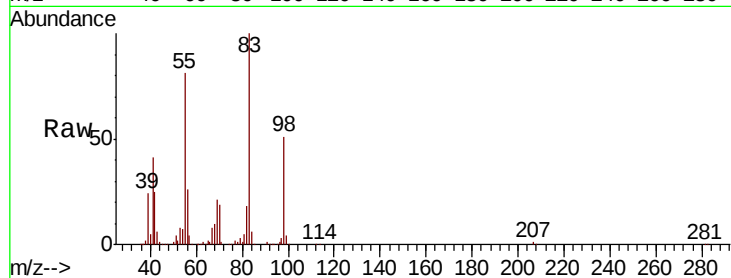




#39
Methvlcvclohexane
Concen: 19.111 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

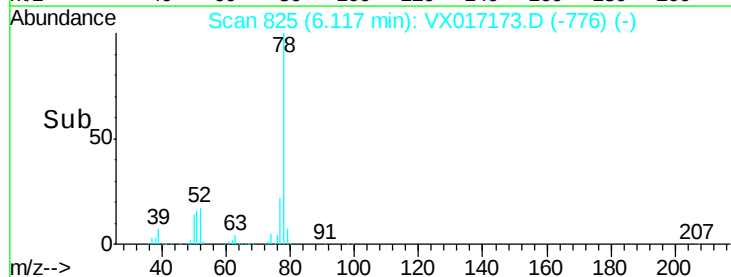
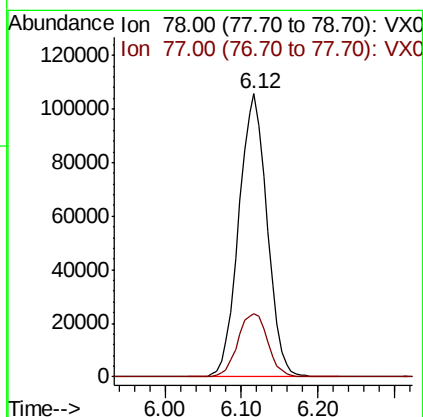
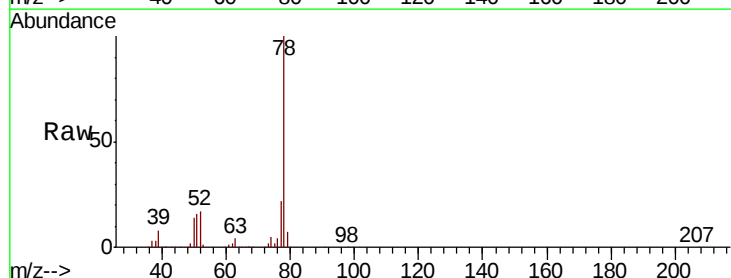
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD01

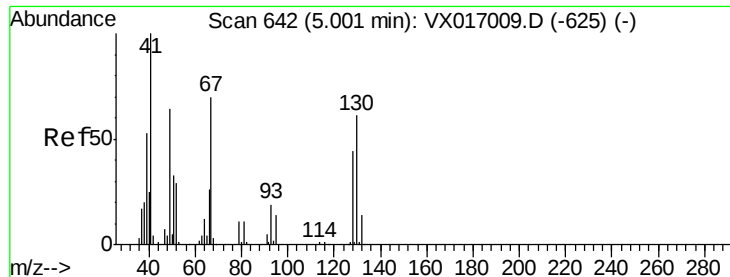
Tot Ion: 83 Resp: 103056
Ion Ratio Lower Upper
83 100
55 81.3 62.5 93.7
98 51.0 40.1 60.1



#40
Benzene
Concen: 19.076 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

Tgt Ion: 78 Resp: 271640
Ion Ratio Lower Upper
78 100
77 22.2 18.3 27.5

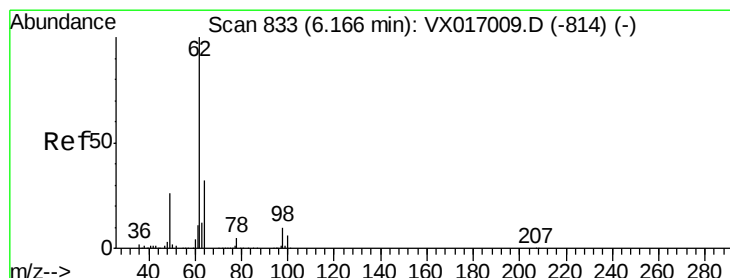
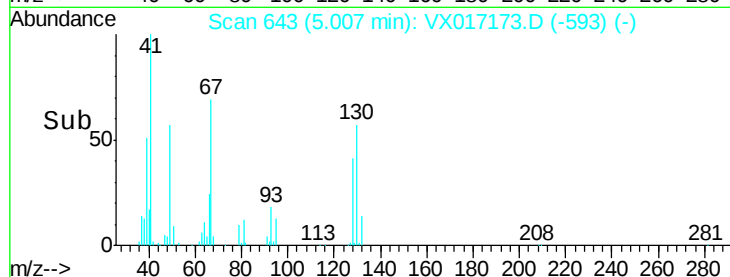
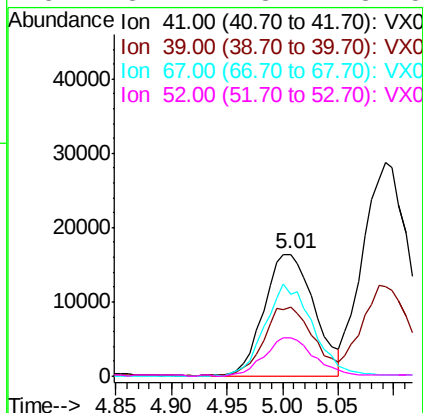
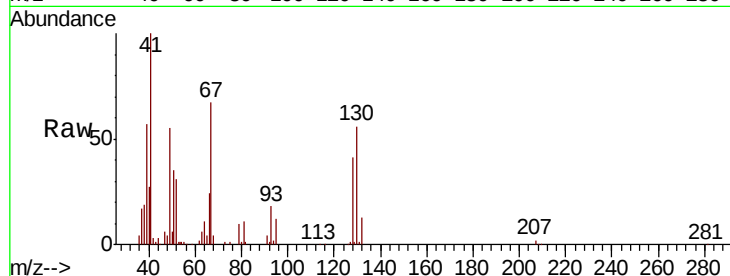




#41
Methacrylonitrile
Concen: 18.774 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

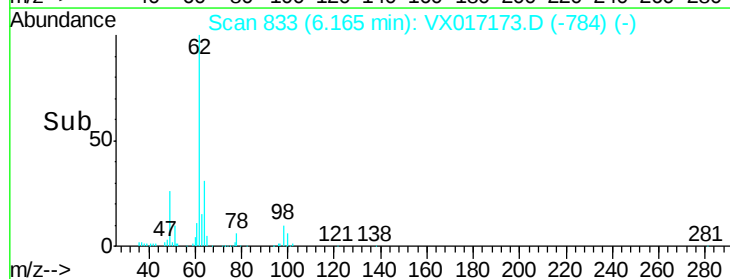
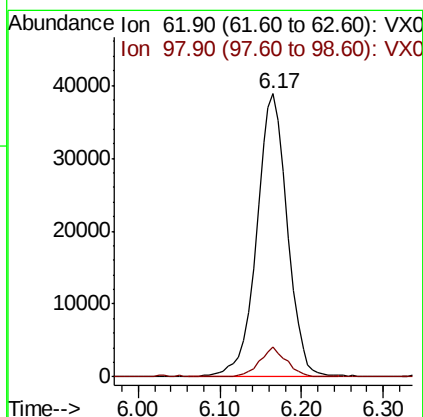
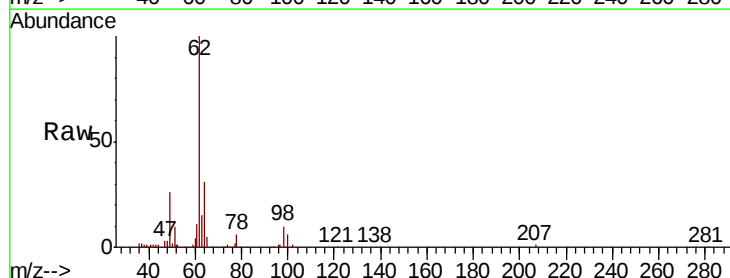
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD01

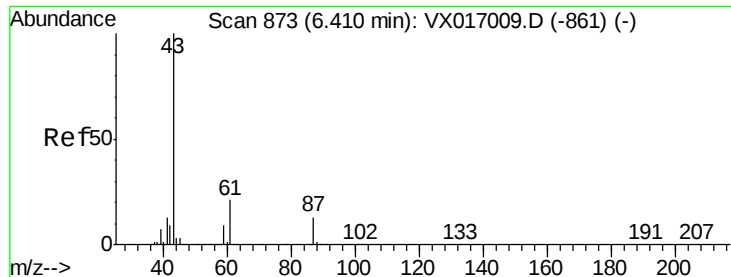
Tot Ion:	41	Resp:	51961
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.4	66.6
67	71.7	57.1	85.7
52	31.4	23.2	34.8



#42
1,2-Dichloroethane
Concen: 19.797 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

Tgt Ion:	62	Resp:	101828
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2



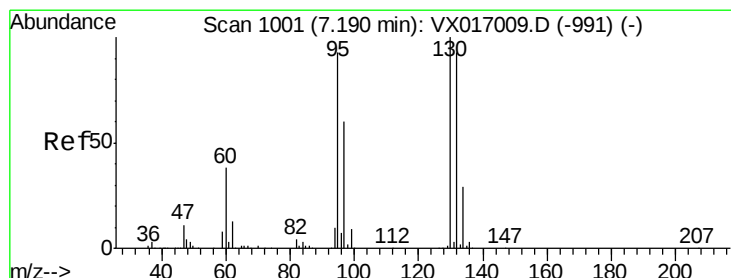
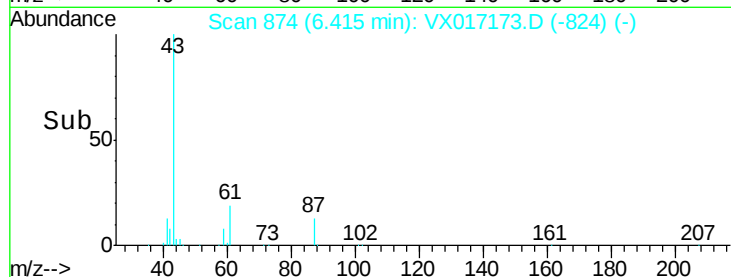
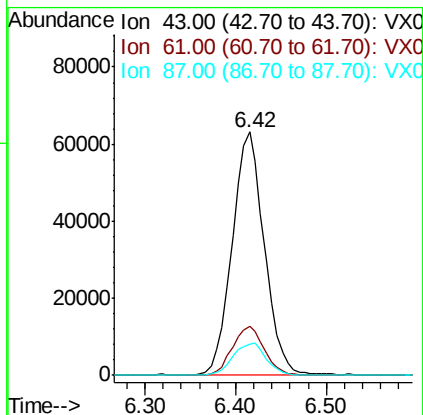
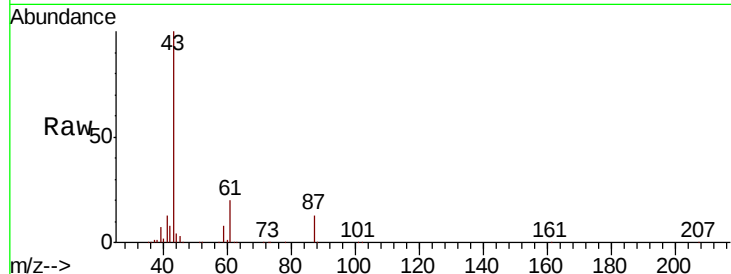


#43

Isopropyl Acetate
 Concen: 18.914 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD01

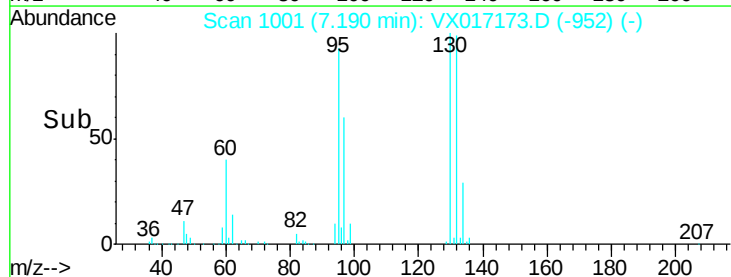
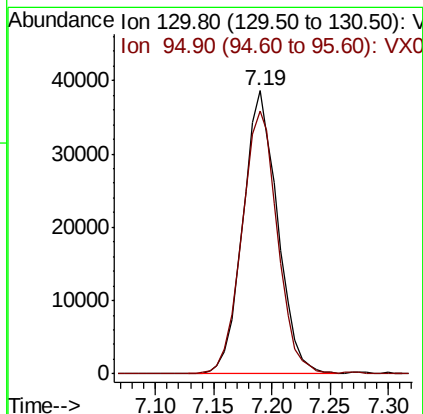
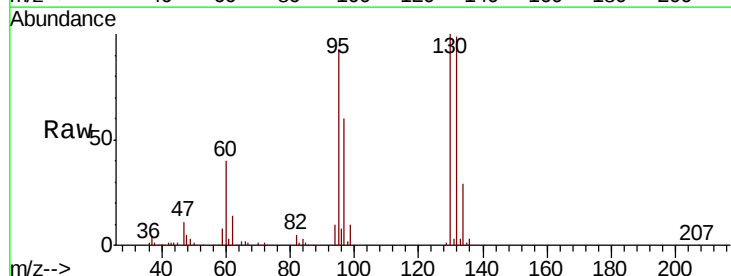
Tot Ion: 43 Resp: 154550
 Ion Ratio Lower Upper
 43 100
 61 20.2 16.2 24.2
 87 13.8 10.7 16.1

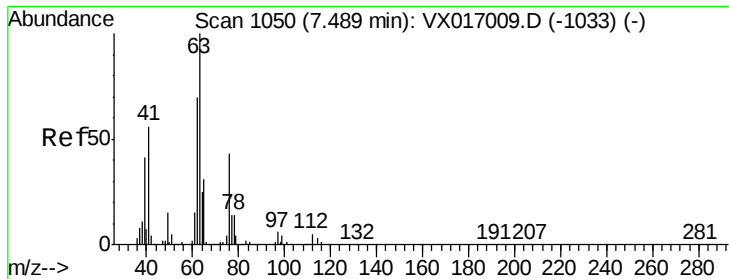


#44

Trichloroethene
 Concen: 20.226 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Tgt Ion: 130 Resp: 80202
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 185.0





#45

1,2-Dichloropropane

Concen: 18.920 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

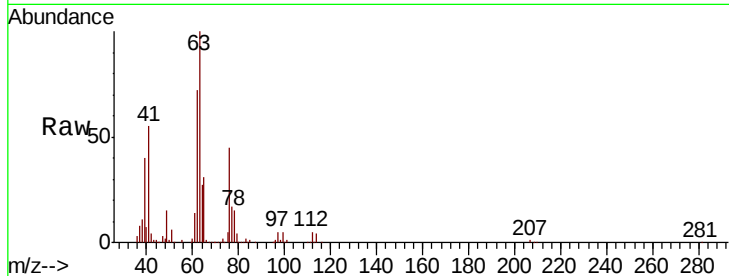
VX0706WBSD01

Tot Ion: 63 Resp: 69198

Ion Ratio Lower Upper

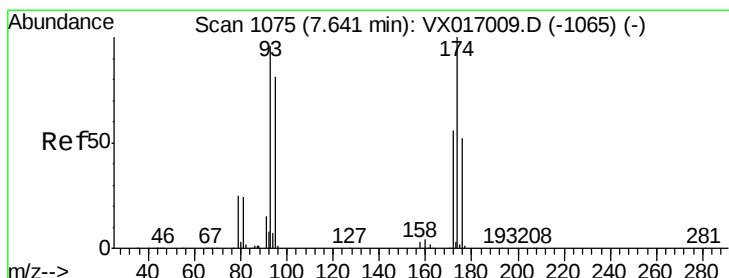
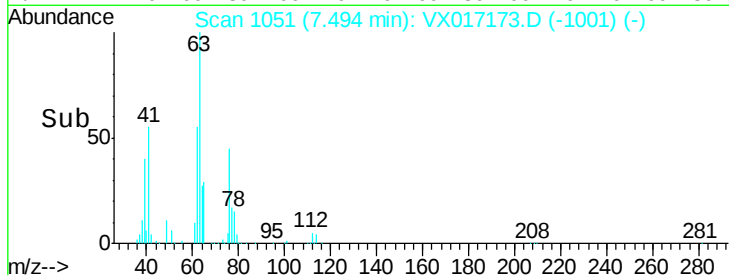
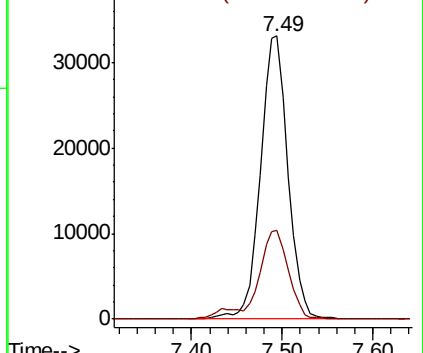
63 100

65 31.4 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.092 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

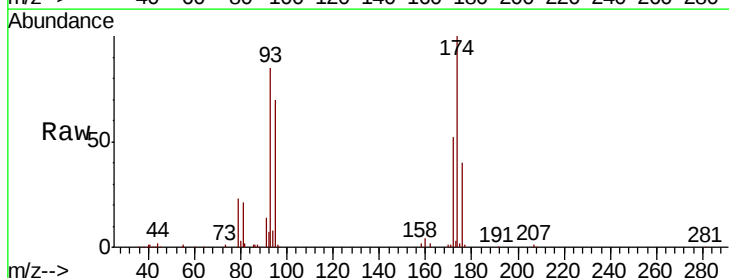
Tgt Ion: 93 Resp: 47673

Ion Ratio Lower Upper

93 100

95 85.4 67.4 101.0

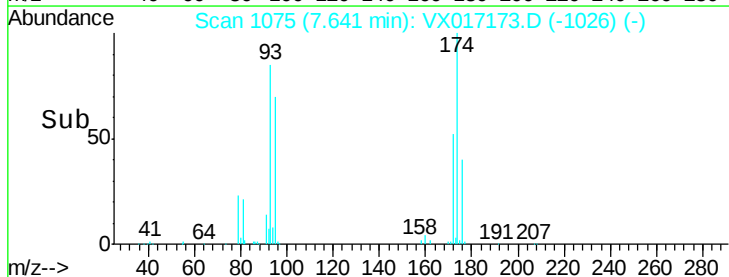
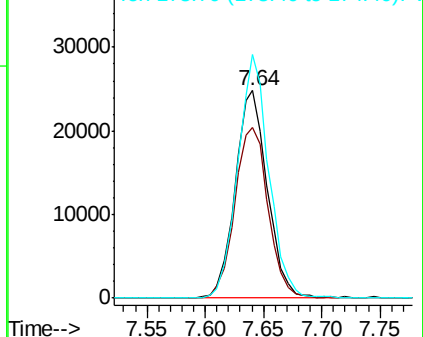
174 113.7 84.3 126.5

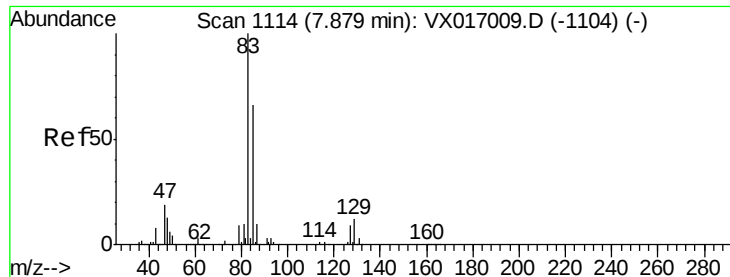


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.615 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampled :

VX0706WBSD01

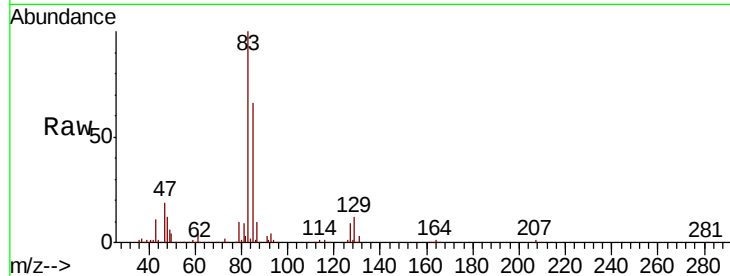
Tot Ion: 83 Resp: 100935

Ion Ratio Lower Upper

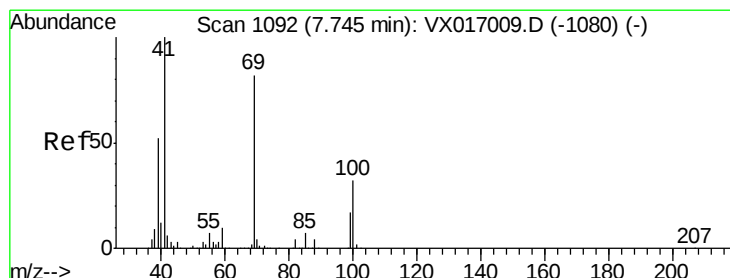
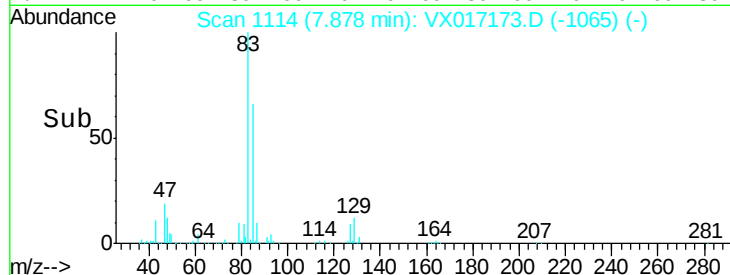
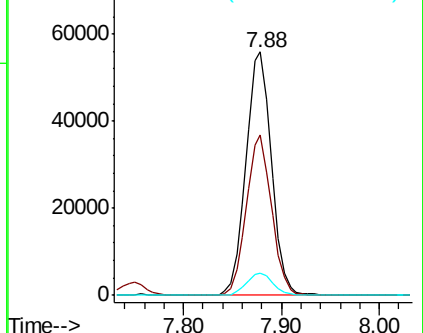
83 100

85 65.7 53.0 79.4

127 9.0 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: 19.191 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

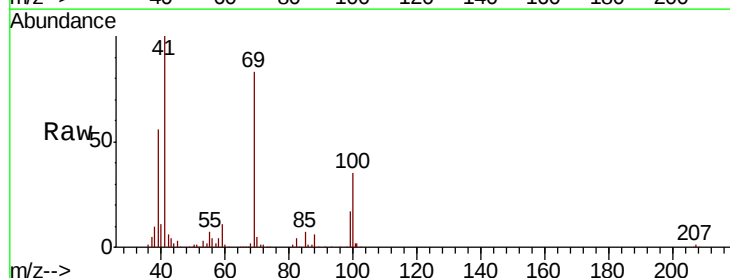
Tgt Ion: 41 Resp: 74503

Ion Ratio Lower Upper

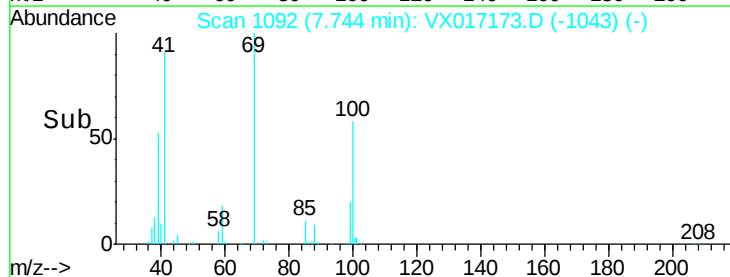
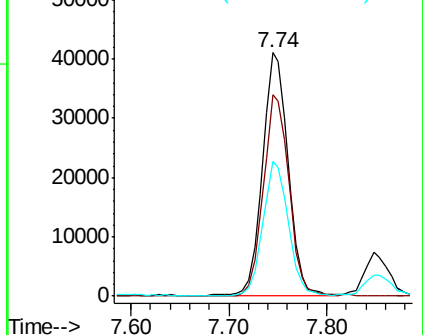
41 100

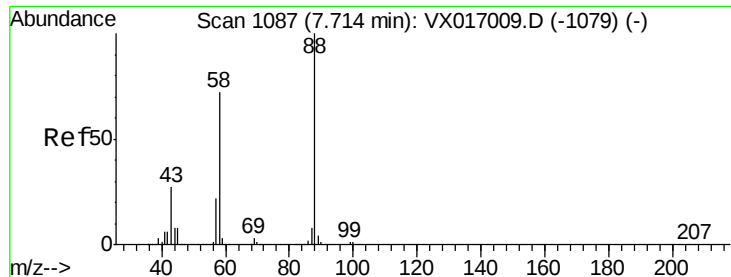
69 83.7 65.8 98.8

39 55.0 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: 345.791 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD01

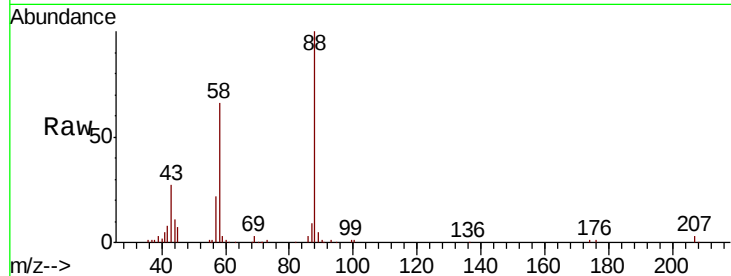
Tot Ion: 88 Resp: 30412

Ion Ratio Lower Upper

88 100

43 35.1 25.8 38.8

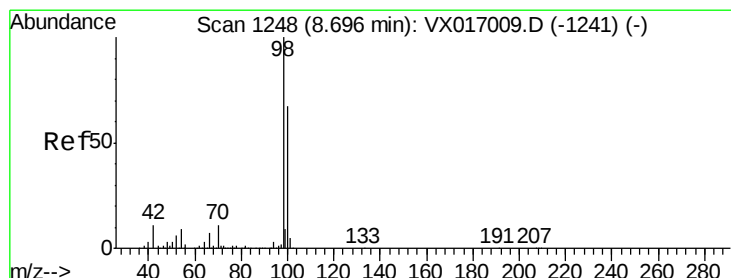
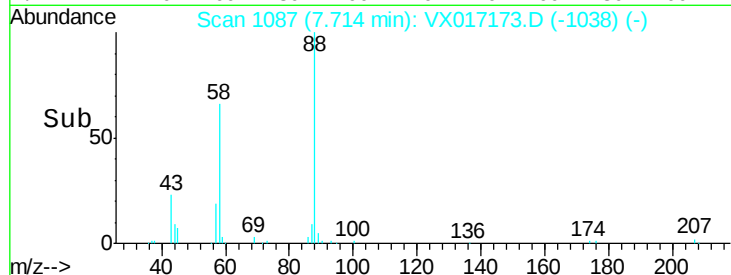
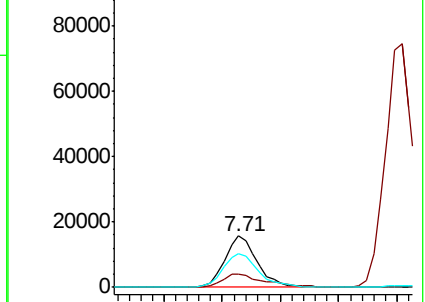
58 72.1 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.558 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017173.D

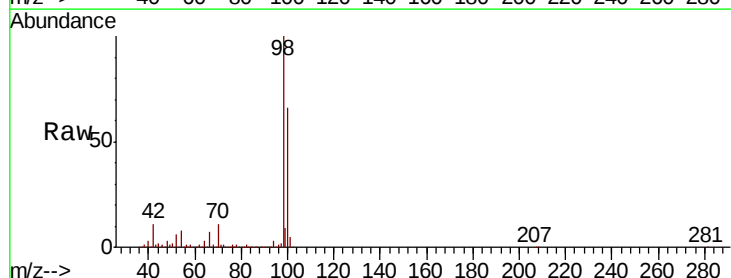
Acq: 06 Jul 2020 17:10

Tgt Ion: 98 Resp: 618444

Ion Ratio Lower Upper

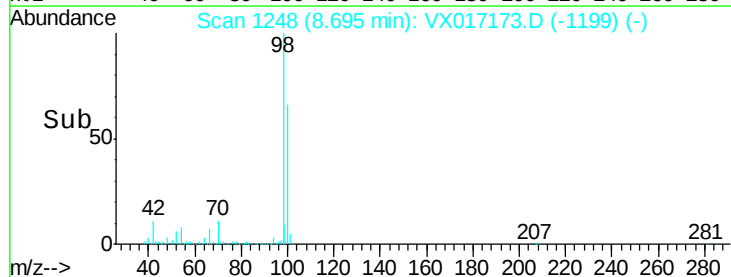
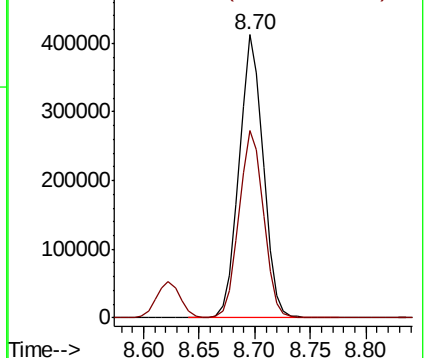
98 100

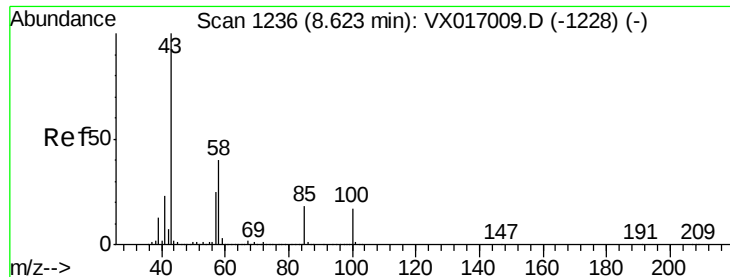
100 67.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 97.030 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

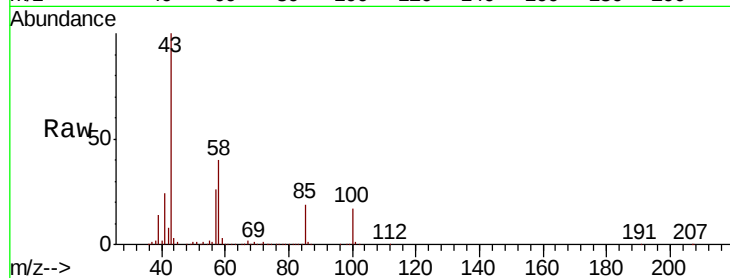
VX0706WBSD01

Tot Ion: 43 Resp: 472626

Ion Ratio Lower Upper

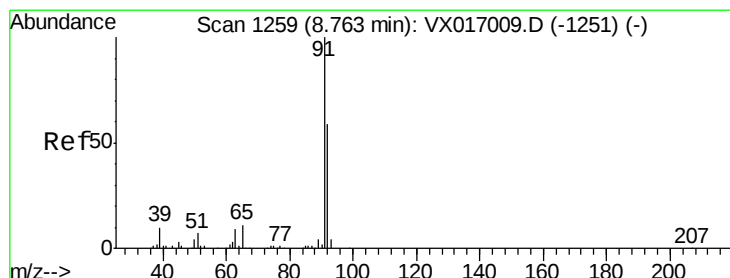
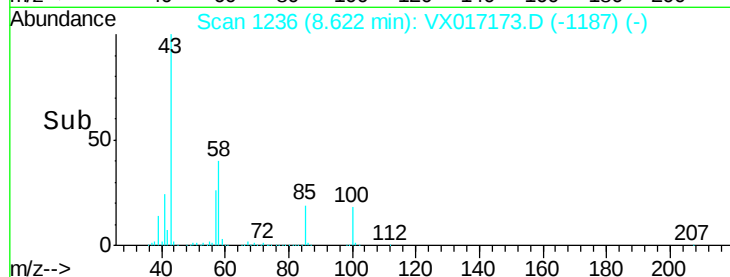
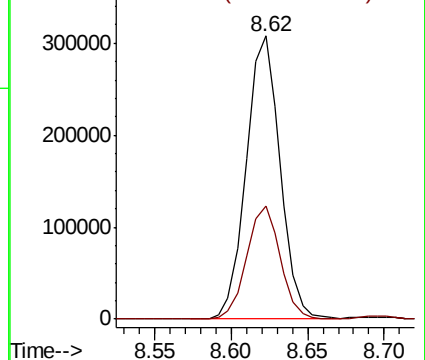
43 100

58 39.8 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.737 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017173.D

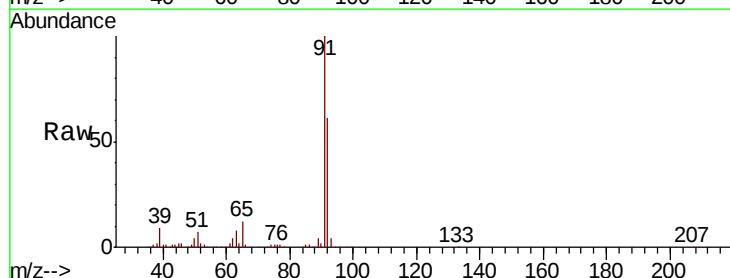
Acq: 06 Jul 2020 17:10

Tgt Ion: 92 Resp: 175476

Ion Ratio Lower Upper

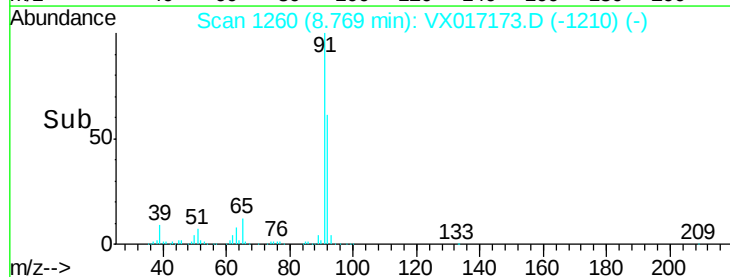
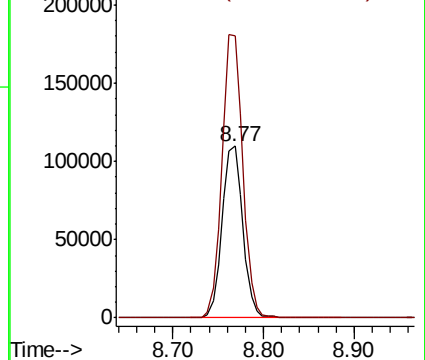
92 100

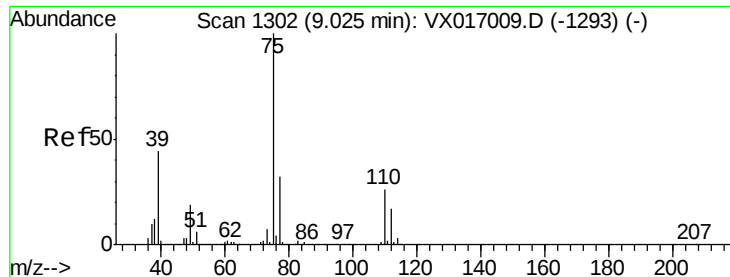
91 165.5 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

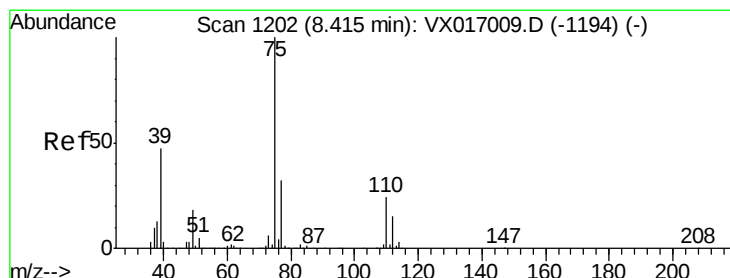
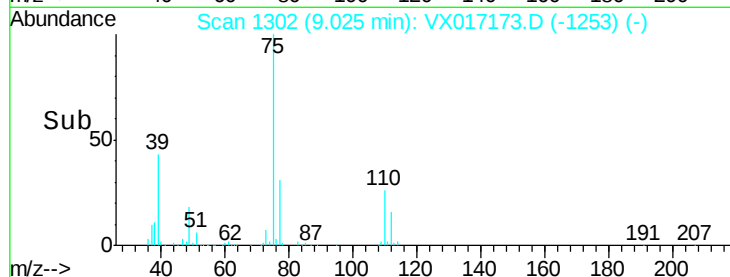
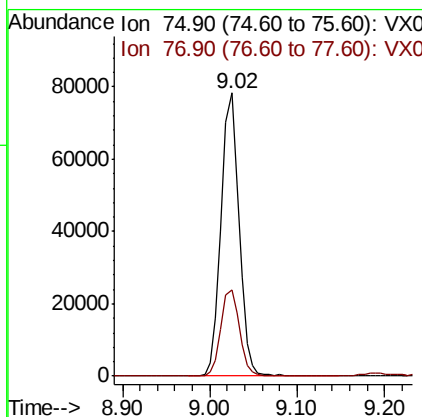
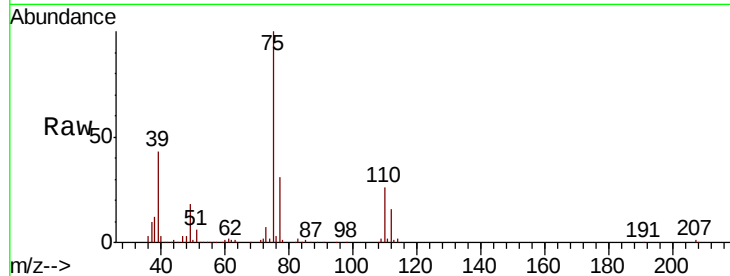




#53
 t-1,3-Dichloropropene
 Concen: 19.637 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

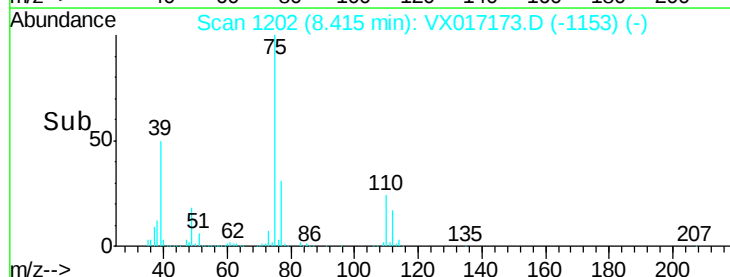
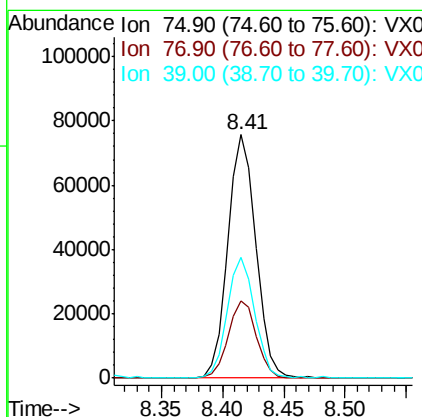
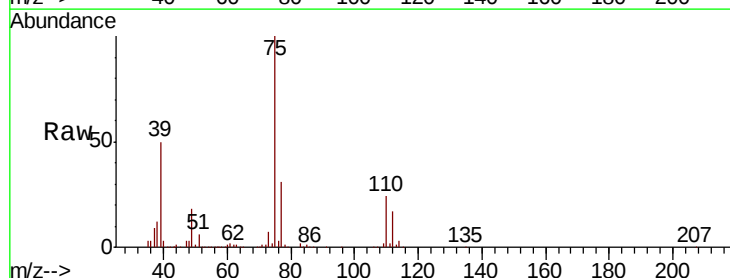
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD01

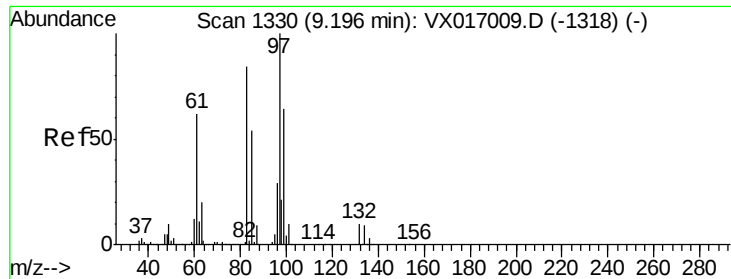
Tot Ion: 75 Resp: 111493
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.651 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Tgt Ion: 75 Resp: 119606
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 49.4 37.4 56.2

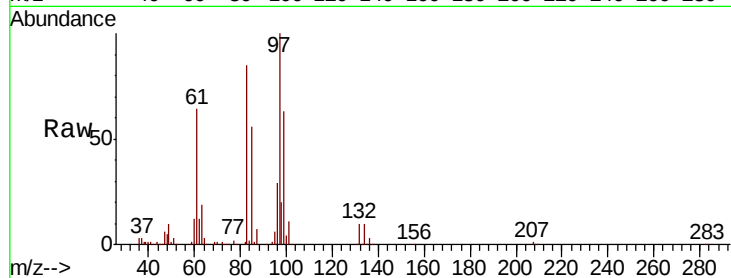




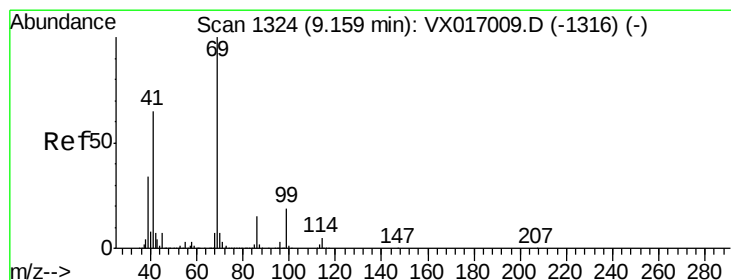
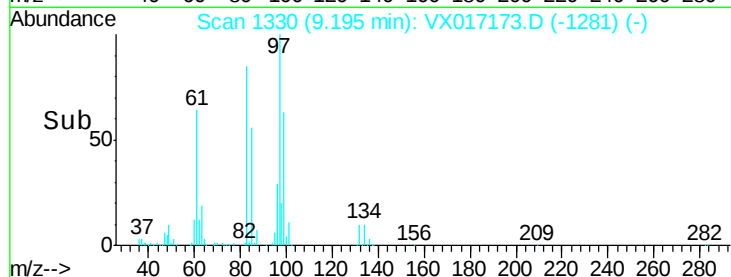
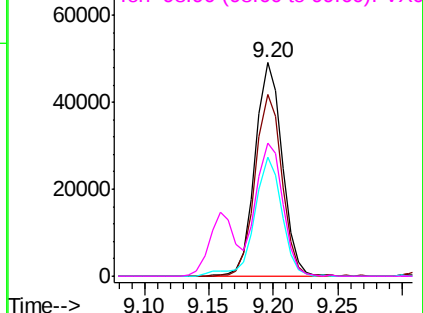
#55
 1,1,2-Trichloroethane
 Concen: 19.584 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD01

Tot Ion:	97	Resp:	71140
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.0	100.6
85	55.6	43.5	65.3
99	62.2	51.0	76.6

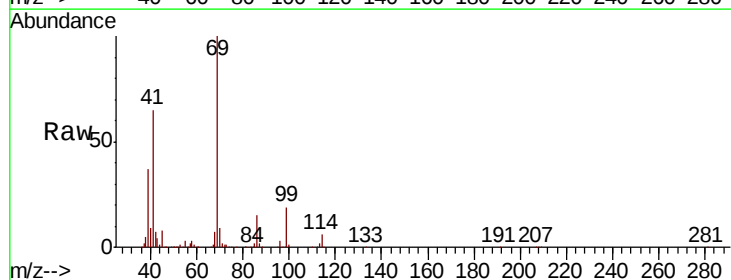


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

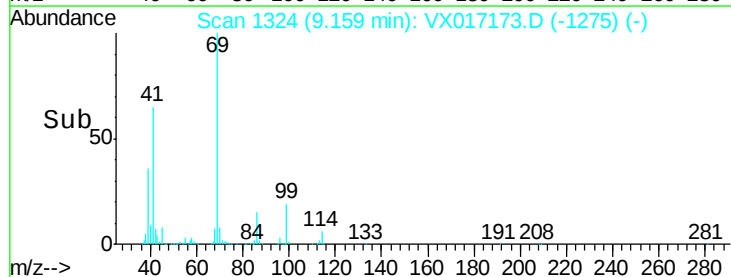
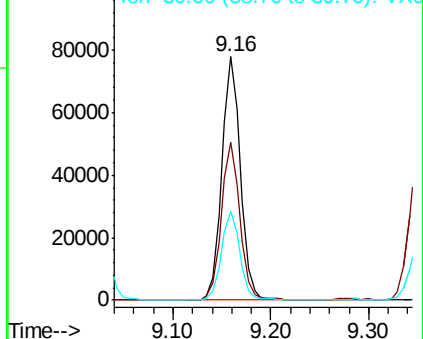


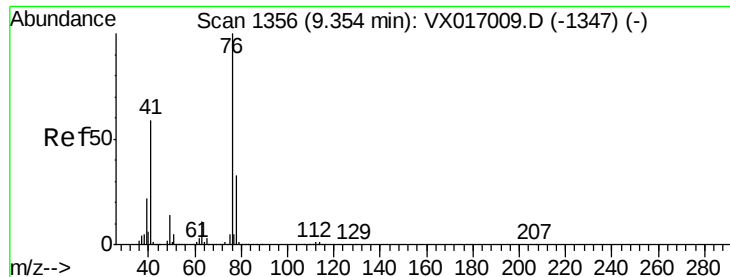
#56
 Ethyl methacrylate
 Concen: 19.827 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Tgt Ion:	69	Resp:	102511
Ion	Ratio	Lower	Upper
69	100		
41	65.0	53.6	80.4
39	36.1	28.2	42.2



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





#57

1,3-Dichloropropane

Concen: 19.241 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

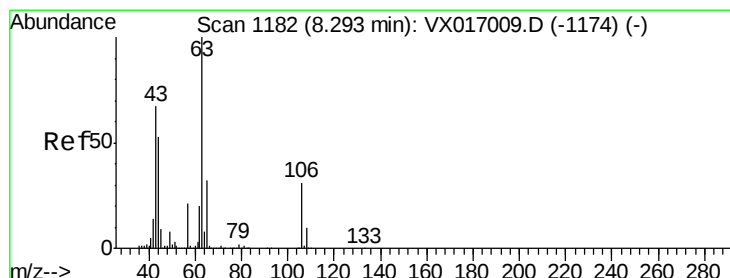
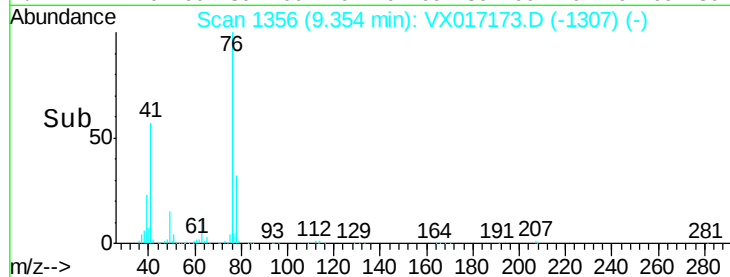
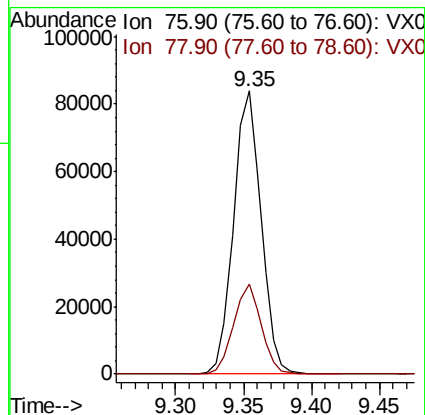
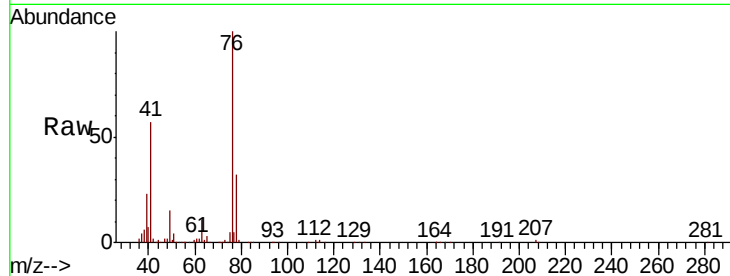
VX0706WBSD01

Tot Ion: 76 Resp: 118264

Ion Ratio Lower Upper

76 100

78 31.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 103.583 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017173.D

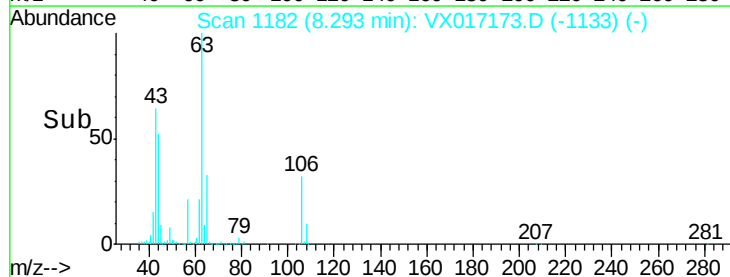
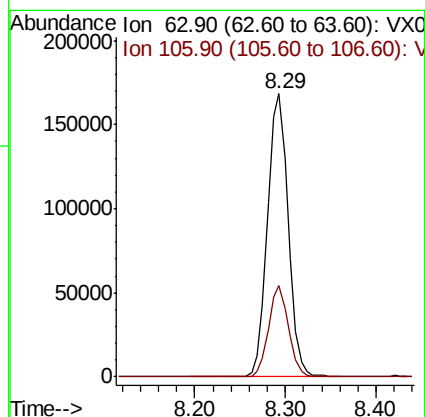
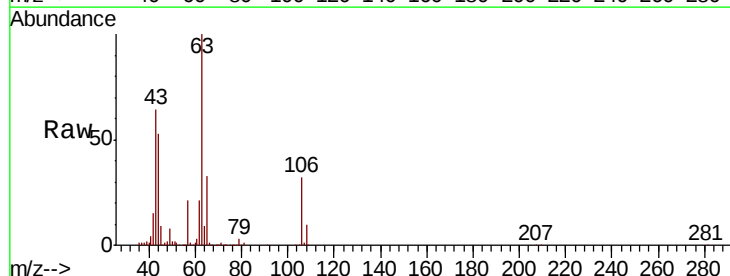
Acq: 06 Jul 2020 17:10

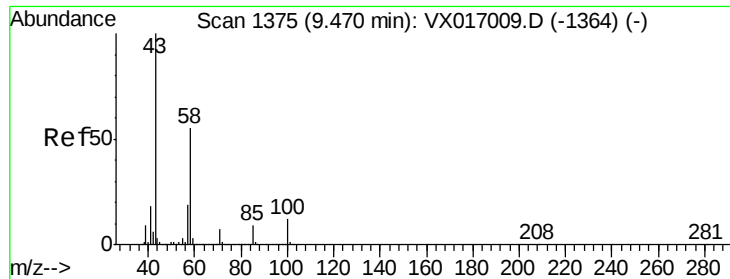
Tgt Ion: 63 Resp: 266539

Ion Ratio Lower Upper

63 100

106 30.9 24.0 36.0

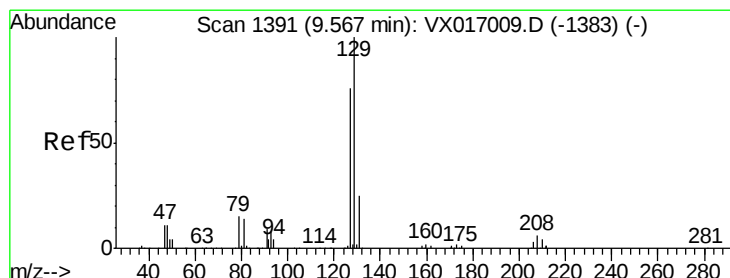
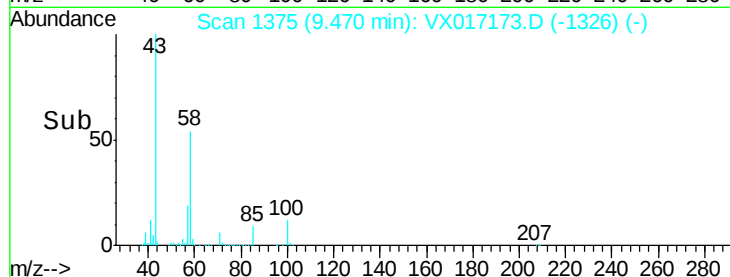
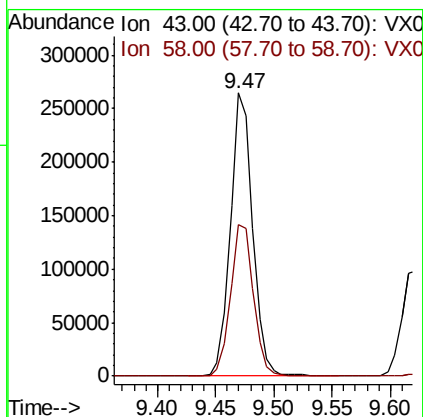
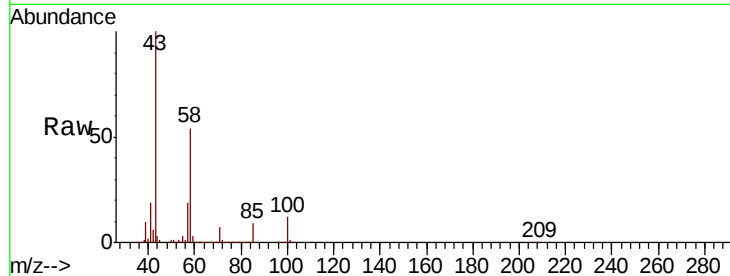




#59
2-Hexanone
Concen: 98.856 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

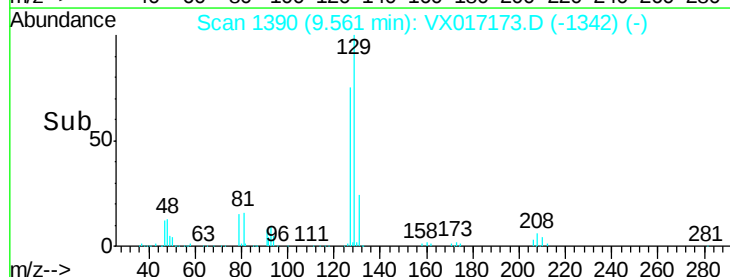
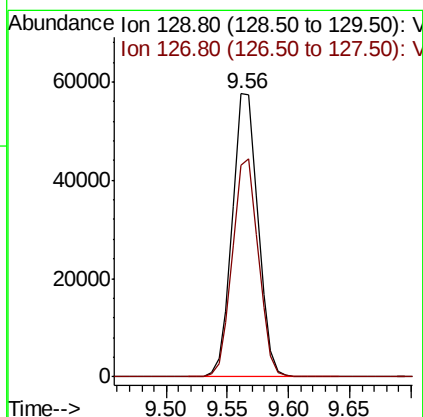
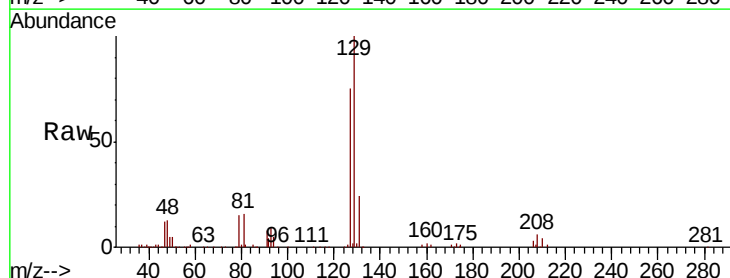
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD01

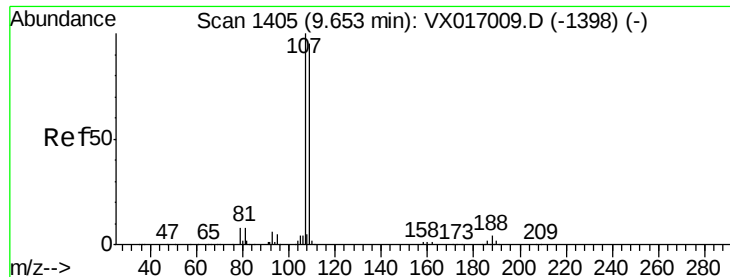
Tot Ion: 43 Resp: 351669
Ion Ratio Lower Upper
43 100
58 55.5 27.9 83.6



#60
Dibromochloromethane
Concen: 19.875 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

Tgt Ion: 129 Resp: 83852
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.673 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

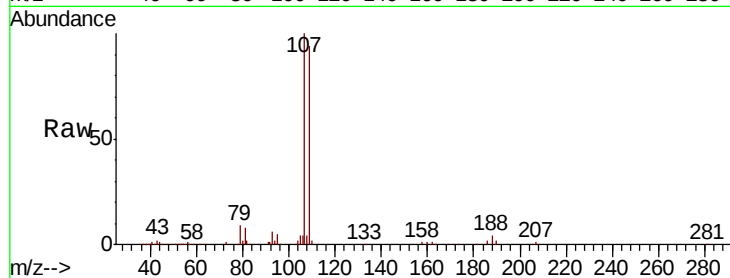
VX0706WBSD01

Tot Ion:107 Resp: 76814

Ion Ratio Lower Upper

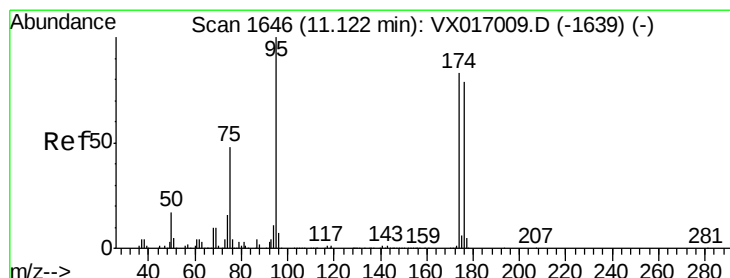
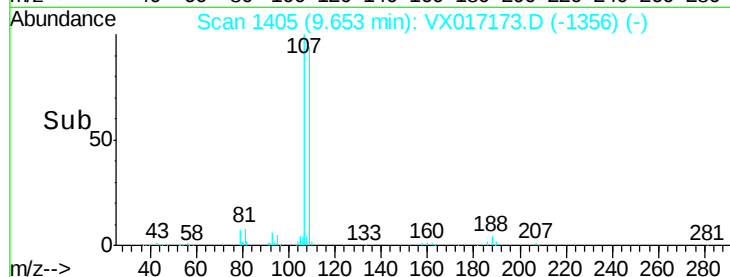
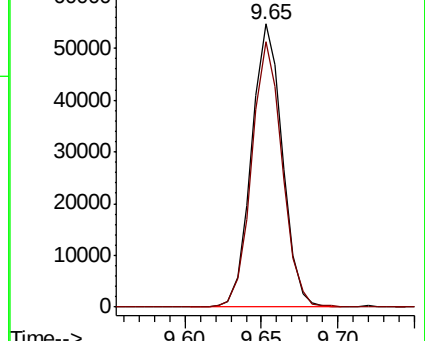
107 100

109 92.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.474 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

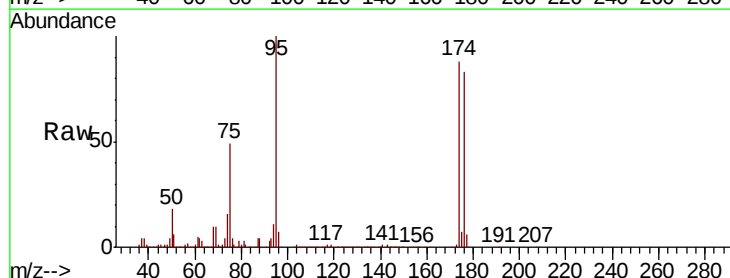
Tgt Ion: 95 Resp: 241361

Ion Ratio Lower Upper

95 100

174 86.6 0.0 164.0

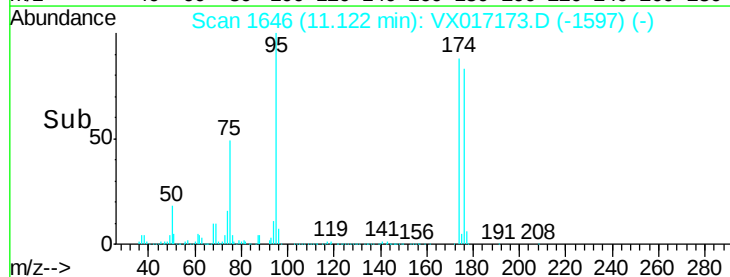
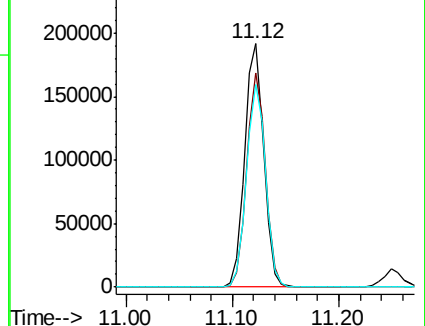
176 83.6 0.0 157.6

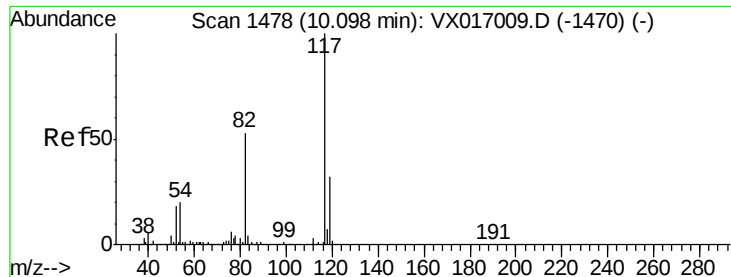


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

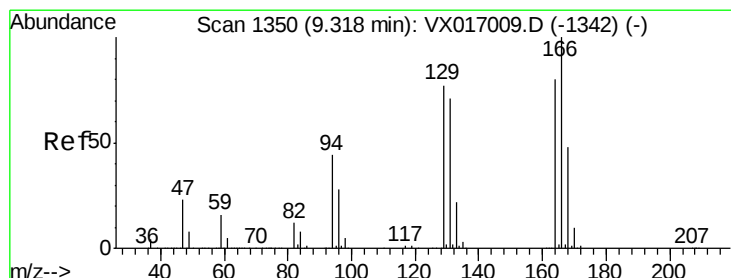
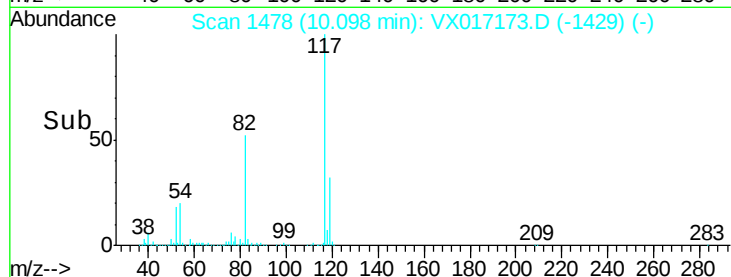
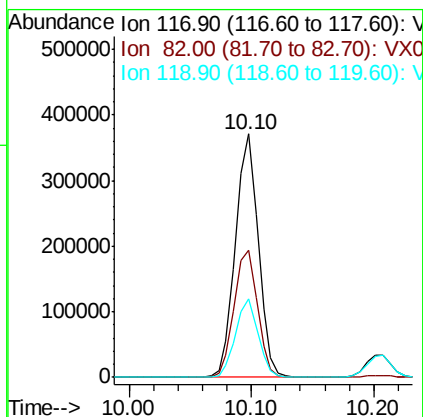
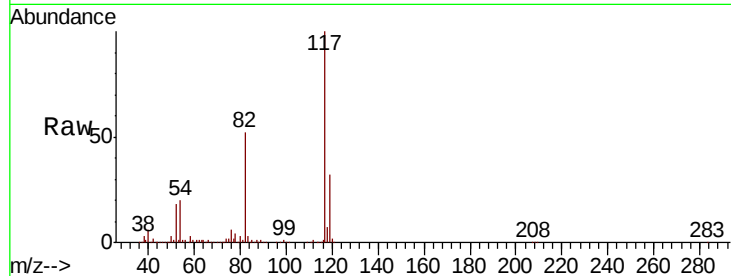




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

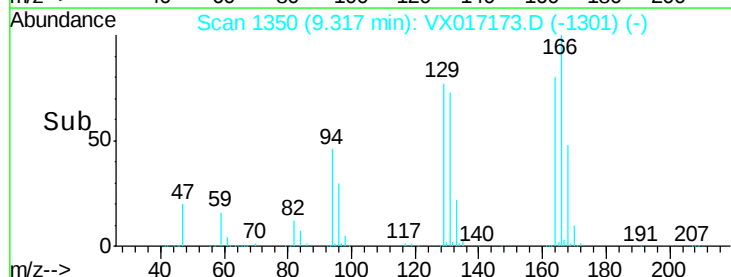
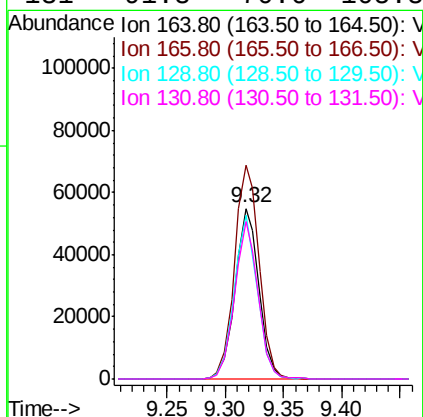
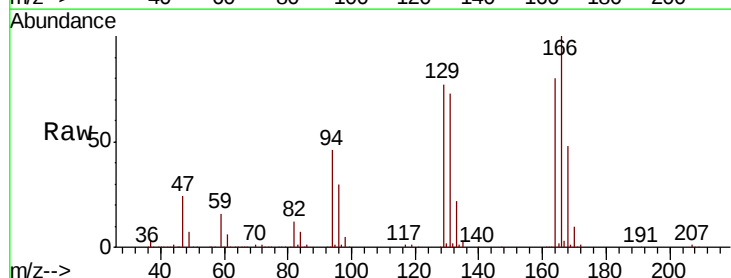
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD01

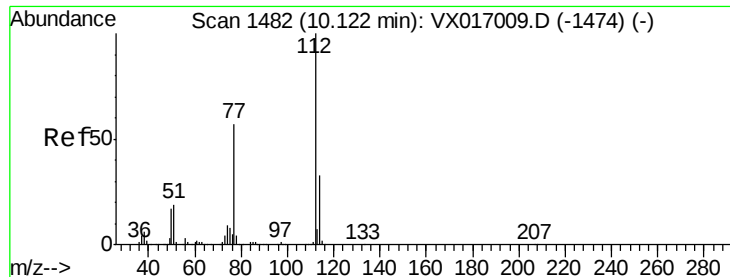
Tot Ion:117 Resp: 479187
Ion Ratio Lower Upper
117 100
82 52.4 42.6 63.8
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 20.146 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

Tgt Ion:164 Resp: 77912
Ion Ratio Lower Upper
164 100
166 125.0 99.4 149.0
129 96.1 76.3 114.5
131 91.8 70.6 105.8





#65

Chlorobenzene

Concen: 19.866 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

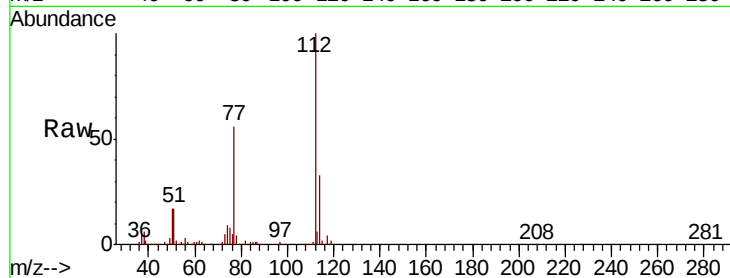
VX0706WBSD01

Tot Ion:112 Resp: 196474

Ion Ratio Lower Upper

112 100

114 32.7 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

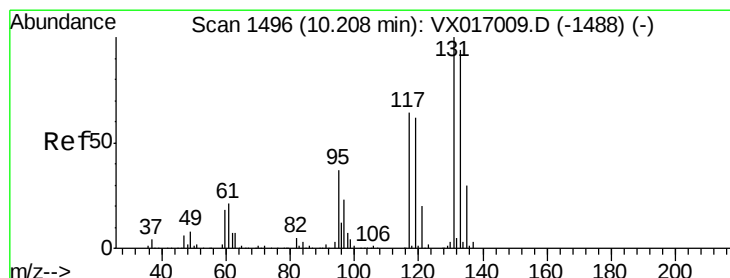
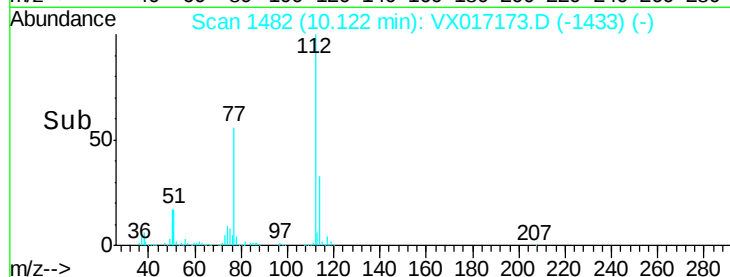
150000

100000

50000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 19.886 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

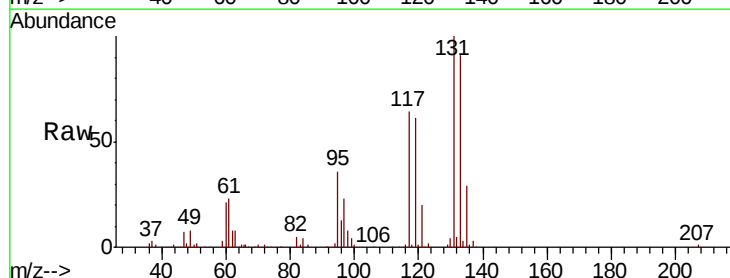
Tgt Ion:131 Resp: 75797

Ion Ratio Lower Upper

131 100

133 94.8 47.3 141.9

119 62.4 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.20

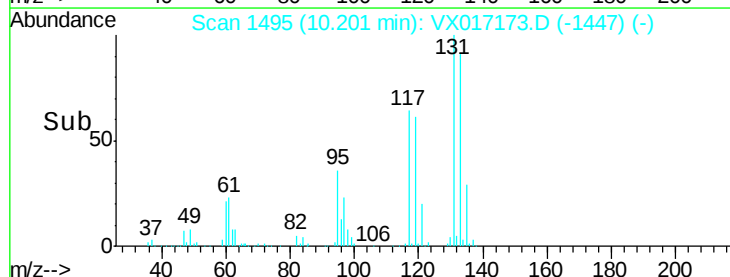
60000

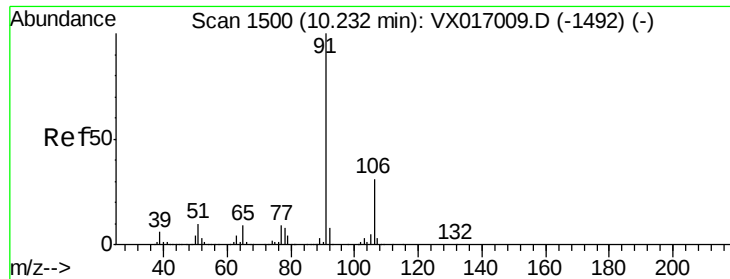
40000

20000

0

Time--> 10.15 10.20 10.25

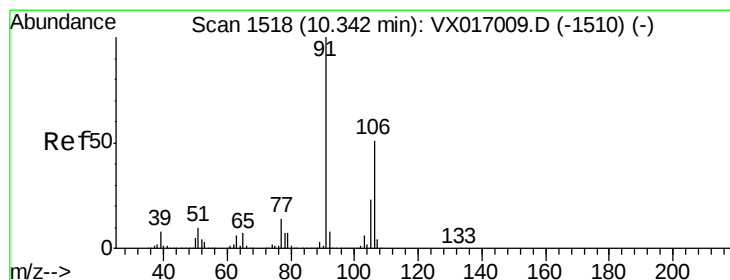
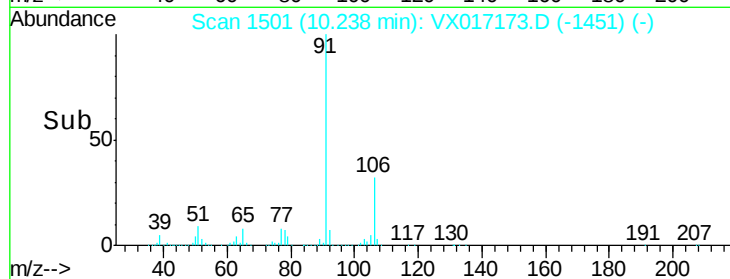
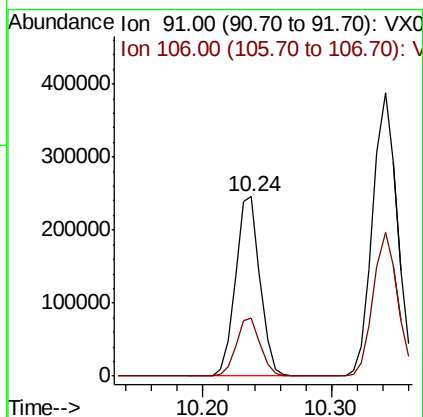
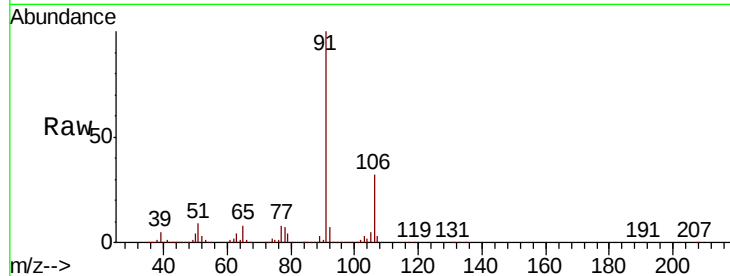




#67
Ethyl Benzene
Concen: 19.679 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

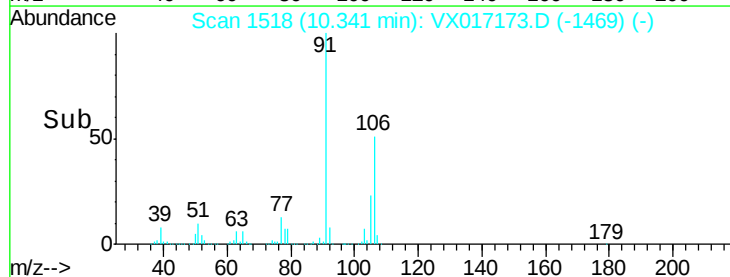
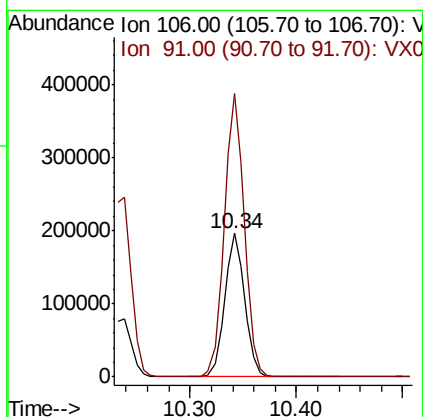
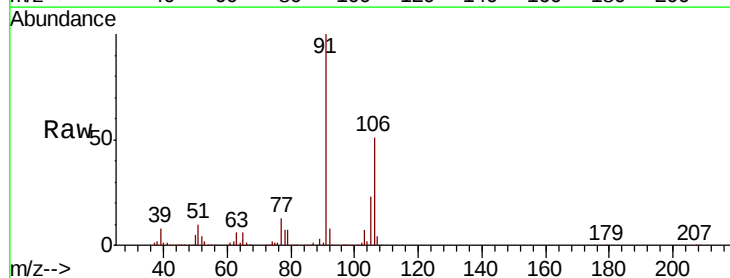
Instrument :
MSVOA_X
ClientSampled :
VX0706WBSD01

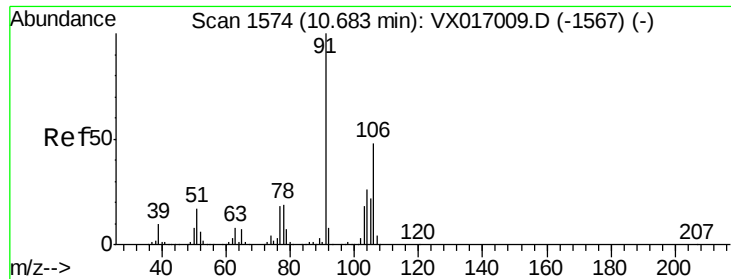
Tot Ion: 91 Resp: 325027
Ion Ratio Lower Upper
91 100
106 32.1 24.7 37.1



#68
m/p-Xylenes
Concen: 40.318 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

Tgt Ion: 106 Resp: 255688
Ion Ratio Lower Upper
106 100
91 198.7 158.6 238.0

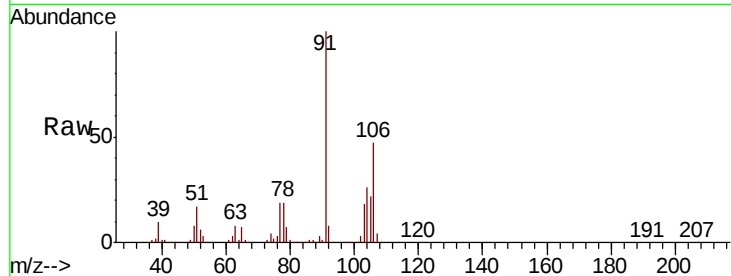




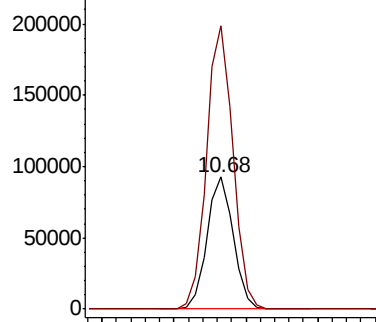
#69
o-Xylene
Concen: 19.538 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD01

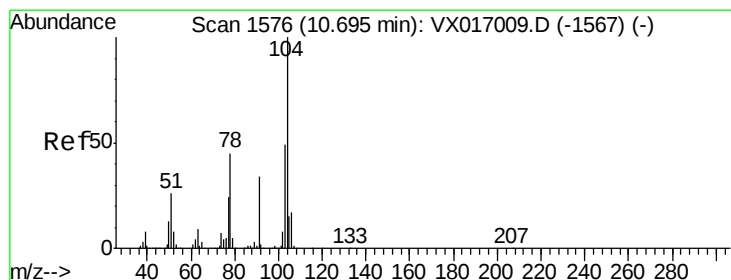
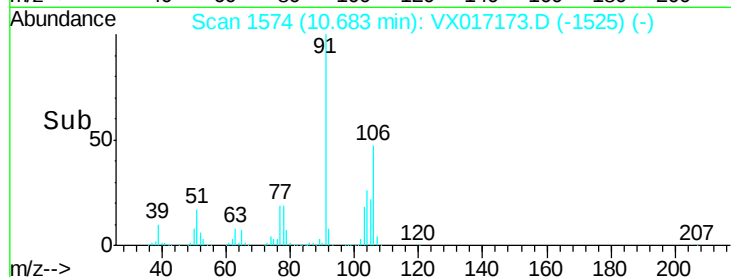
Tot Ion:106 Resp: 117874
Ion Ratio Lower Upper
106 100
91 215.8 105.6 316.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

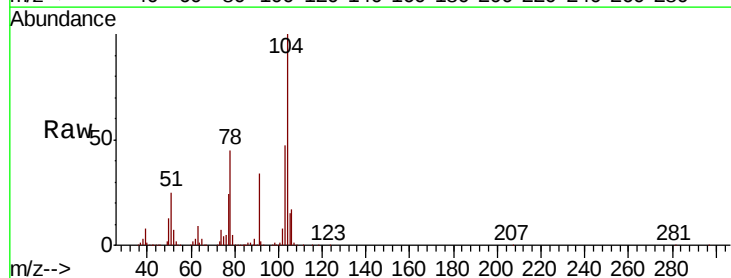


Time--> 10.60 10.65 10.70 10.75

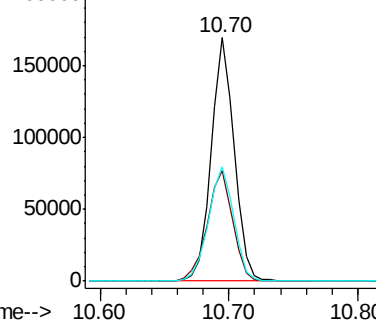


#70
Styrene
Concen: 20.370 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

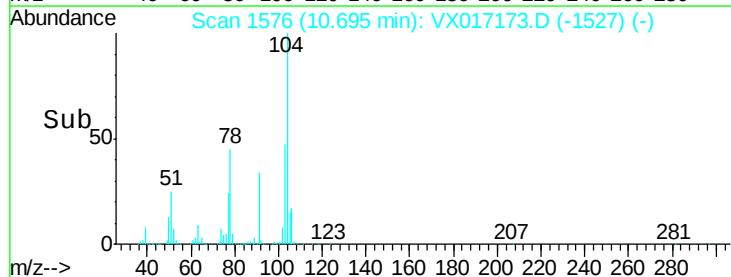
Tgt Ion:104 Resp: 209269
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 51.9 43.0 64.6

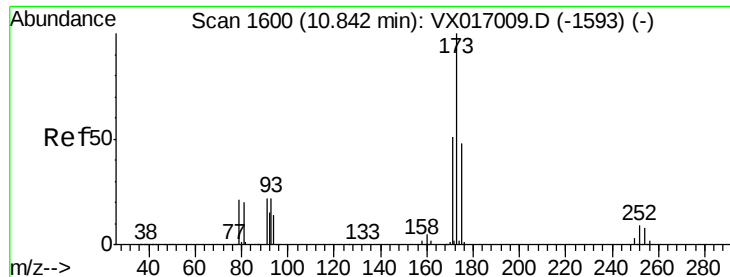


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 21.049 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD01

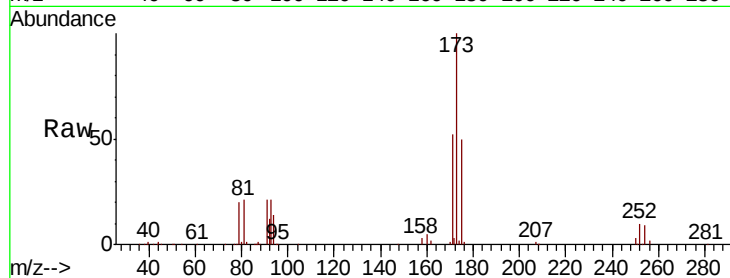
Tot Ion:173 Resp: 63622

Ion Ratio Lower Upper

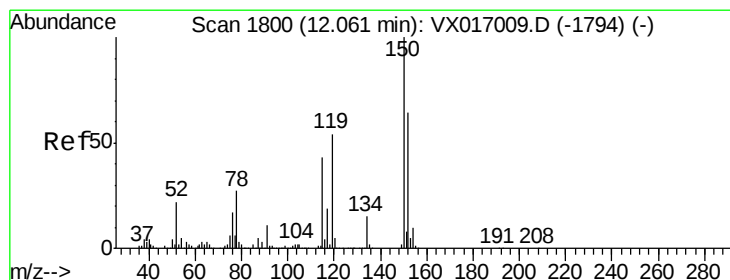
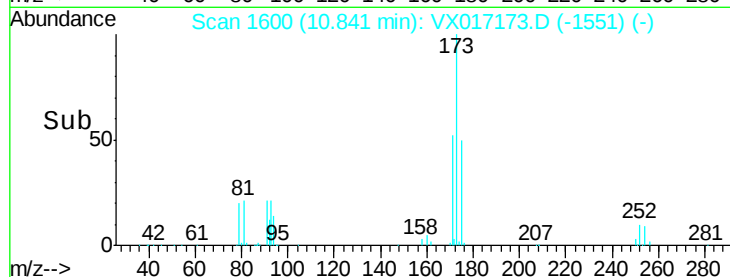
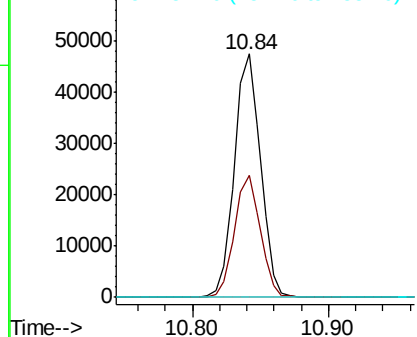
173 100

175 49.7 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

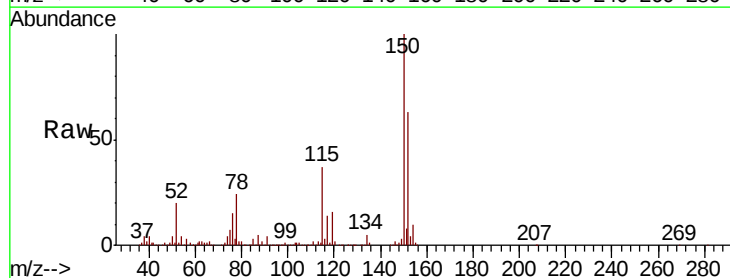
Tgt Ion:152 Resp: 259174

Ion Ratio Lower Upper

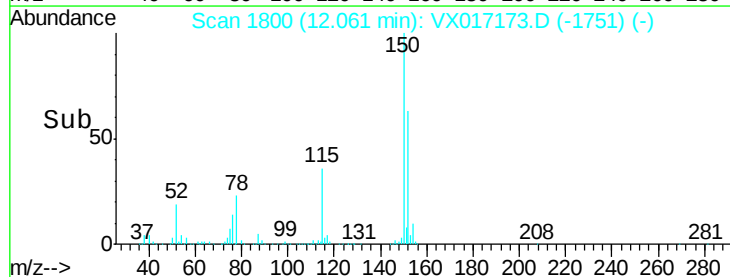
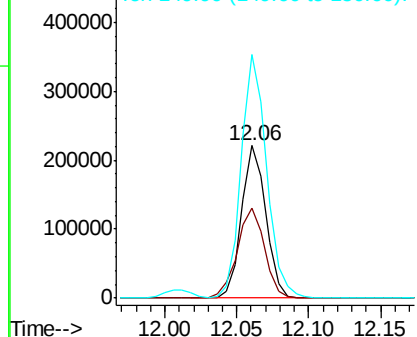
152 100

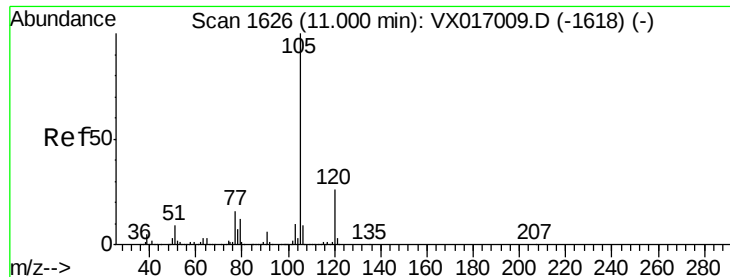
115 66.7 40.9 122.7

150 167.2 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: 19.280 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

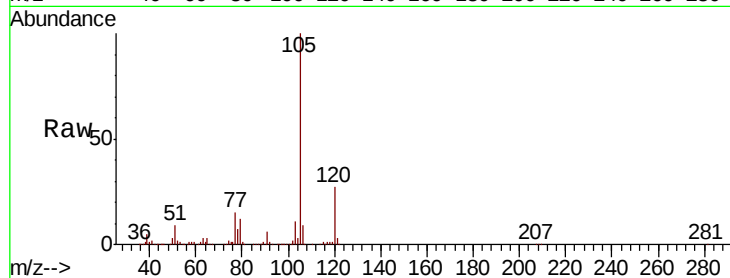
VX0706WBSD01

Tot Ion:105 Resp: 327309

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

250000

200000

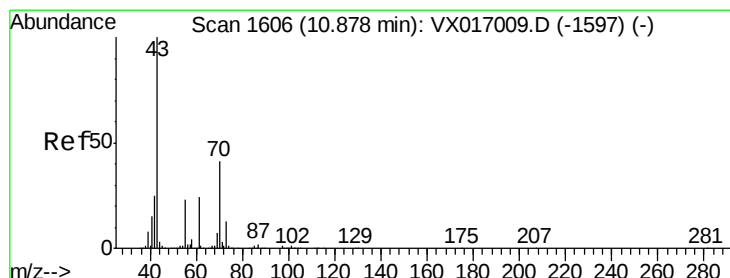
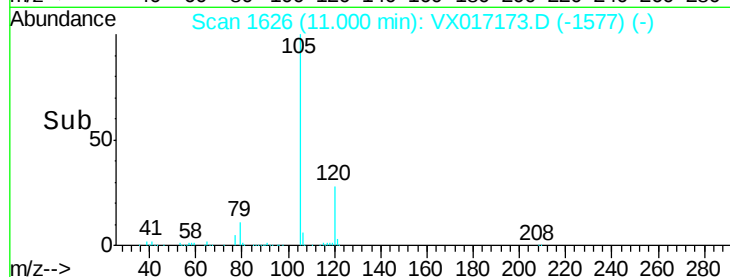
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.214 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Tgt Ion: 43 Resp: 131933

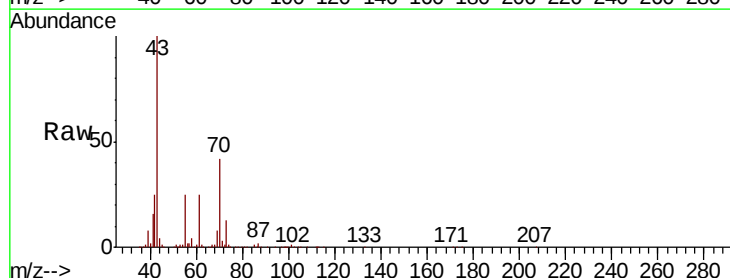
Ion Ratio Lower Upper

43 100

70 42.8 34.2 51.2

55 25.4 19.2 28.8

61 24.6 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

10.88

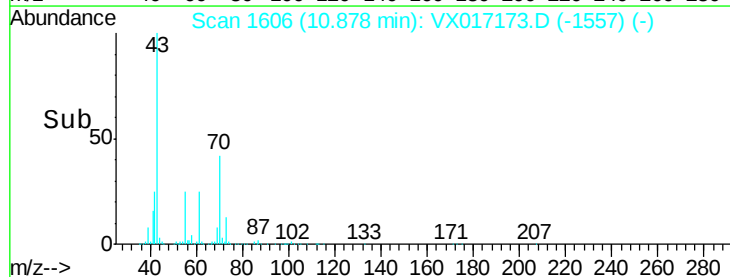
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.631 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD01

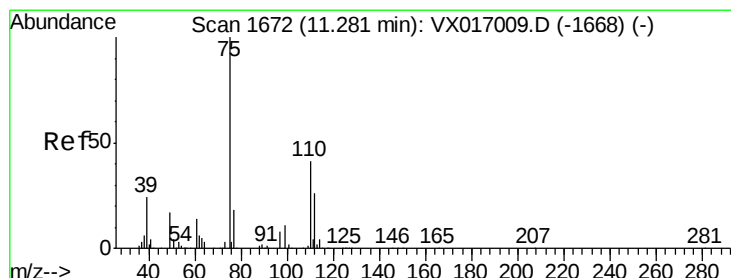
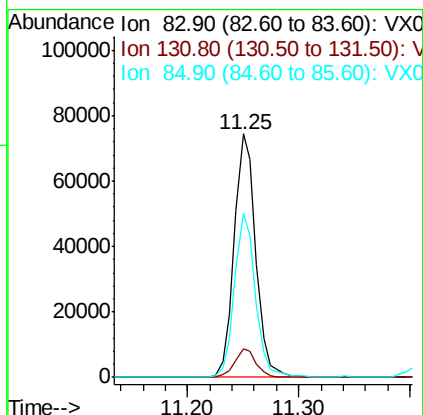
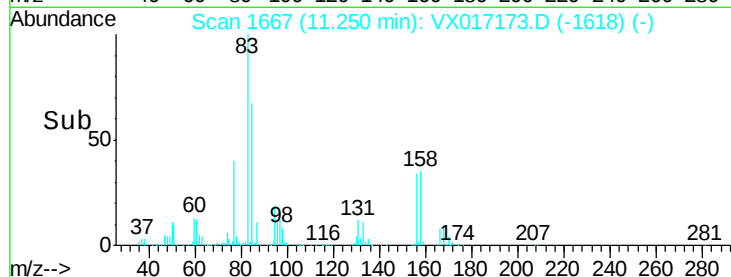
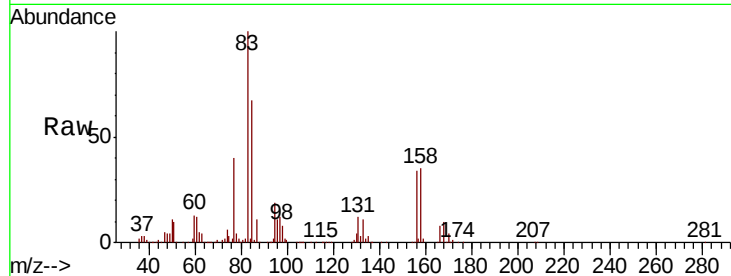
Tot Ion: 83 Resp: 99487

Ion Ratio Lower Upper

83 100

131 11.6 5.4 16.2

85 65.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 24.395 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017173.D

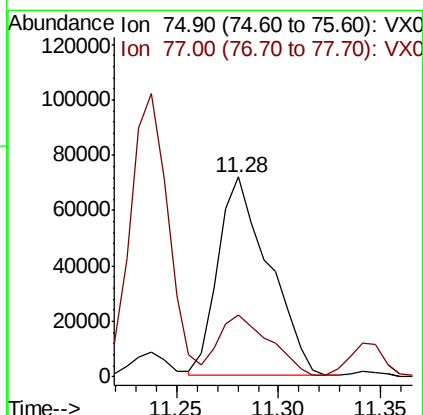
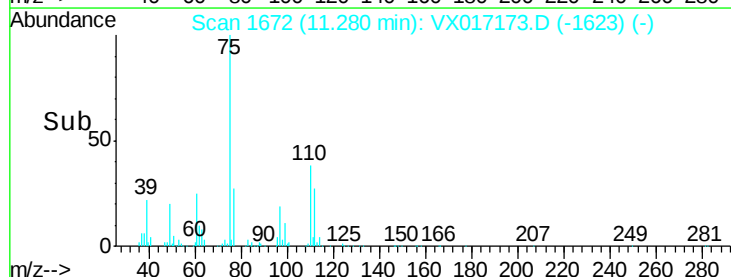
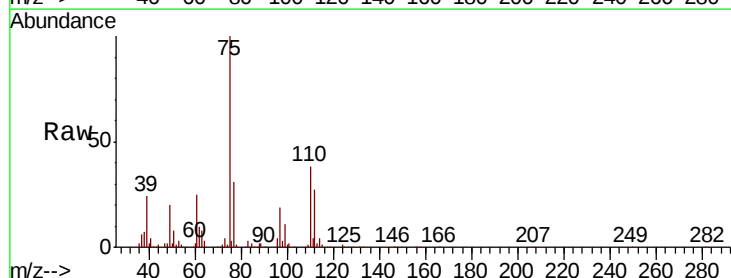
Acq: 06 Jul 2020 17:10

Tgt Ion: 75 Resp: 124330

Ion Ratio Lower Upper

75 100

77 31.7 20.2 60.6





#77

Bromobenzene

Concen: 18.873 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD01

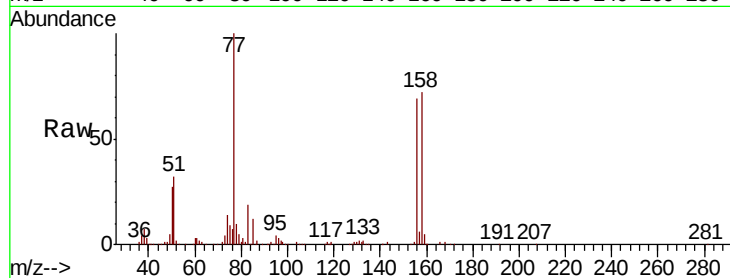
Tot Ion:156 Resp: 88056

Ion Ratio Lower Upper

156 100

77 150.5 76.9 230.7

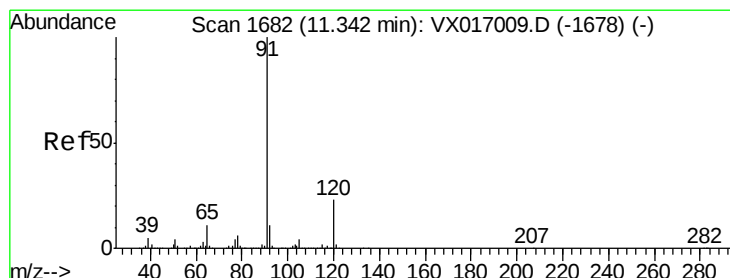
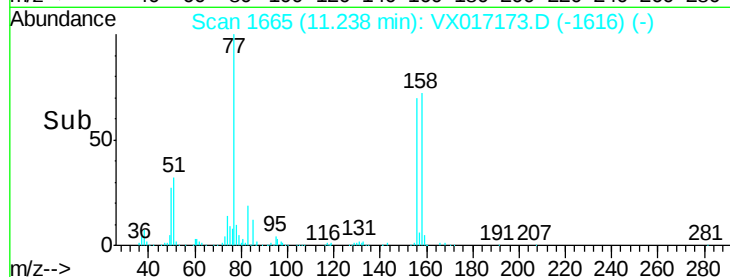
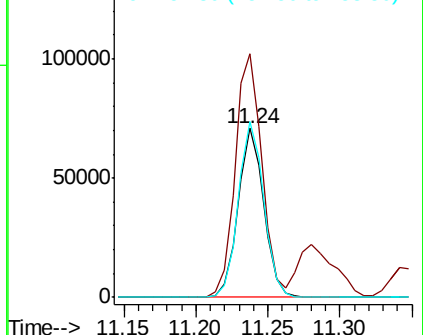
158 103.2 47.9 143.6



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: 19.210 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017173.D

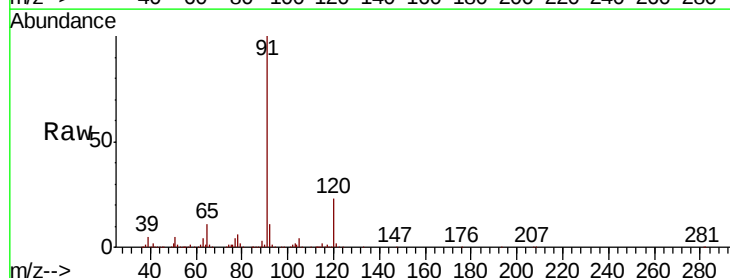
Acq: 06 Jul 2020 17:10

Tgt Ion: 91 Resp: 368784

Ion Ratio Lower Upper

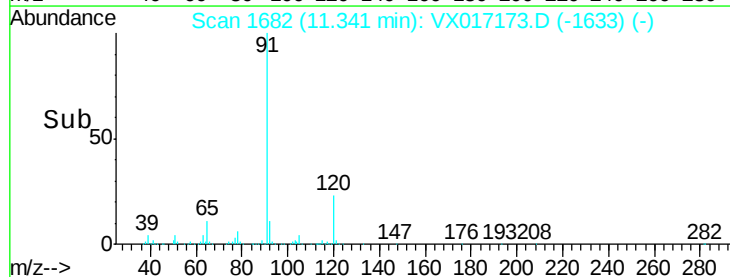
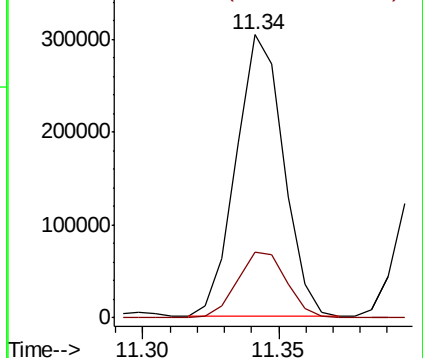
91 100

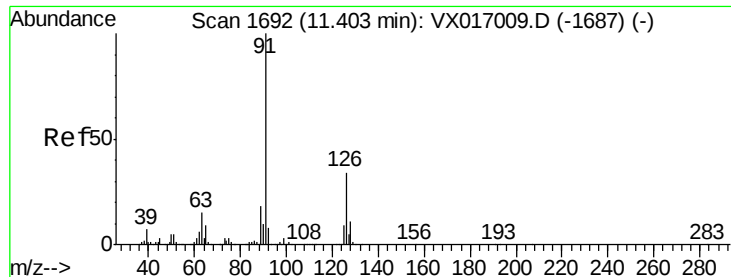
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

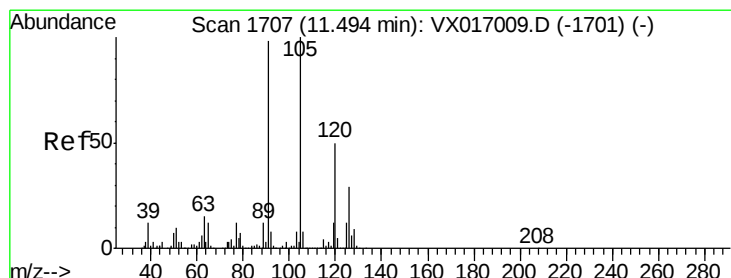
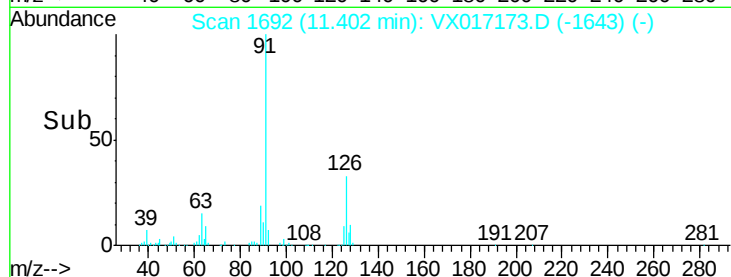
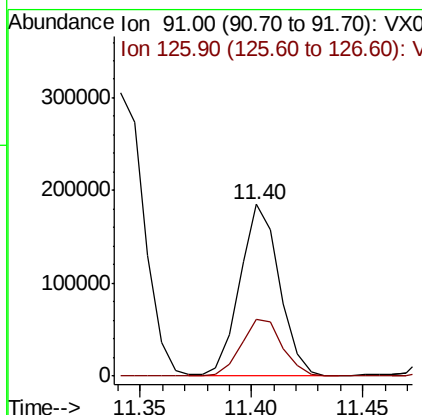
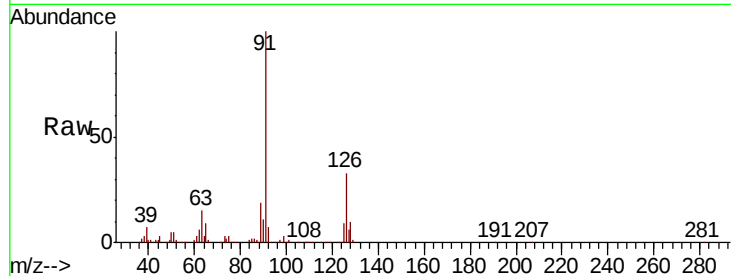




#79
 2-Chlorotoluene
 Concen: 19.602 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

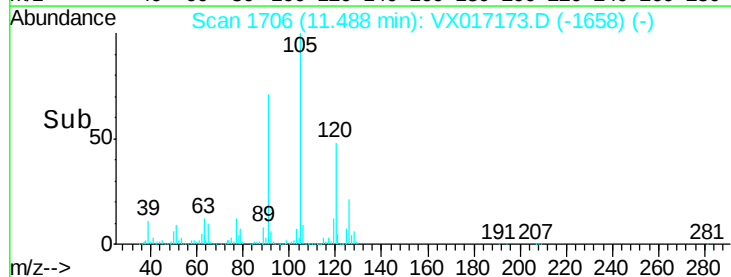
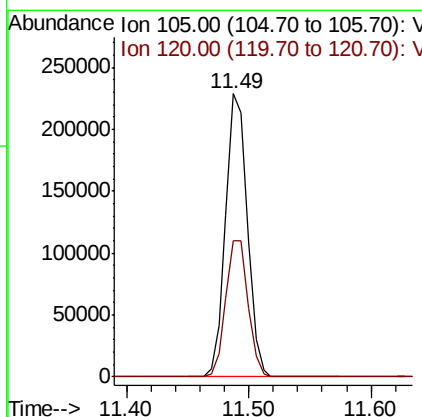
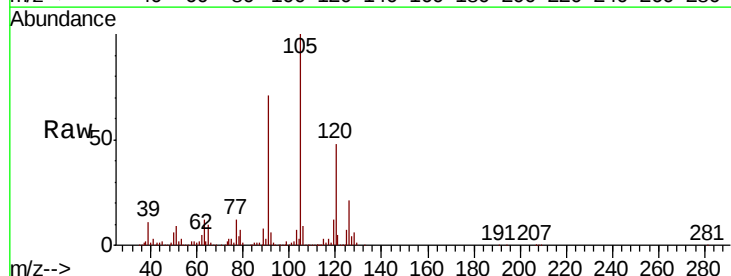
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD01

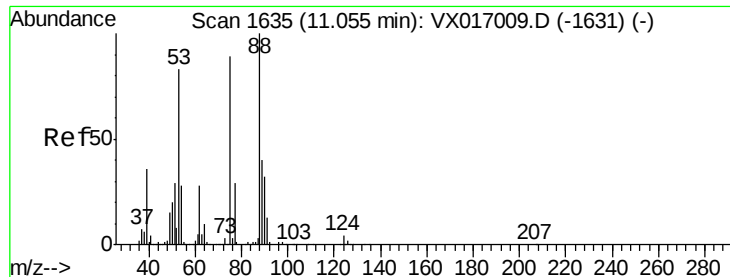
Tot Ion: 91 Resp: 227749
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.980 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Tgt Ion: 105 Resp: 281345
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.9 74.6

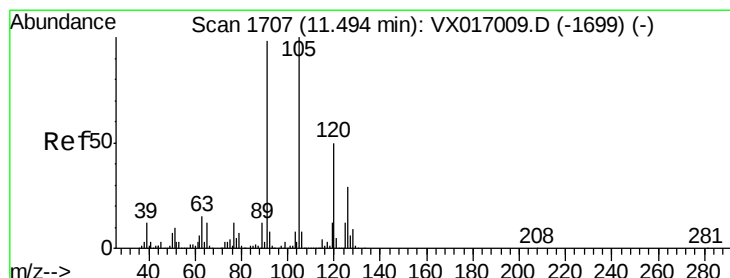
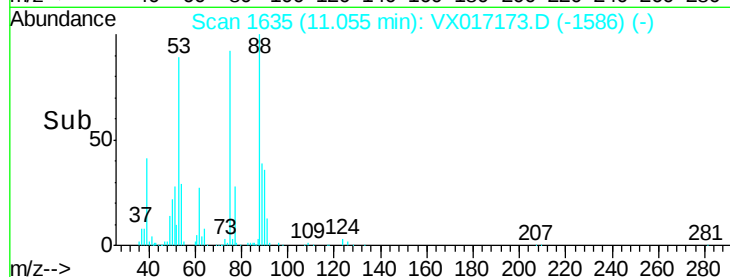
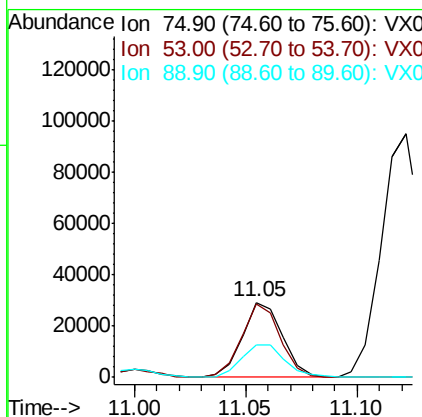
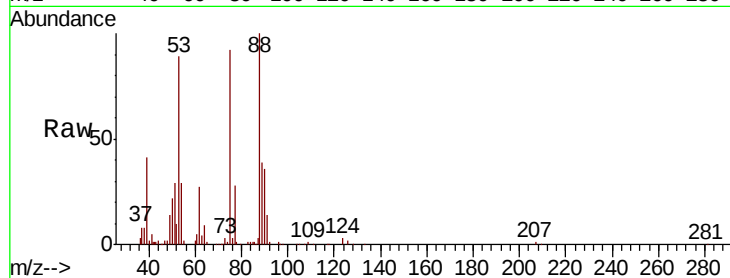




#81
trans-1,4-Dichloro-2-butene
Concen: 18.446 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

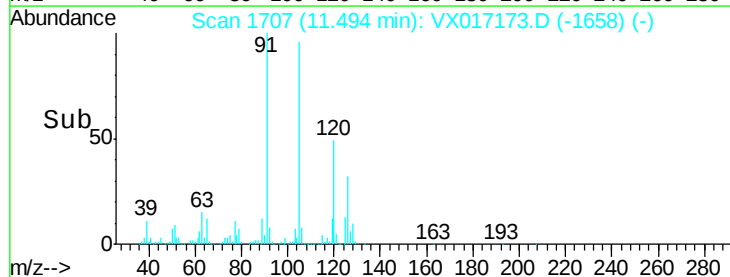
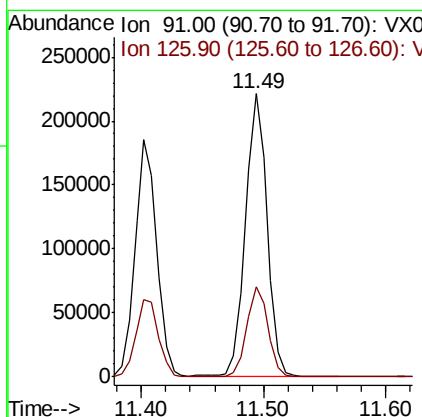
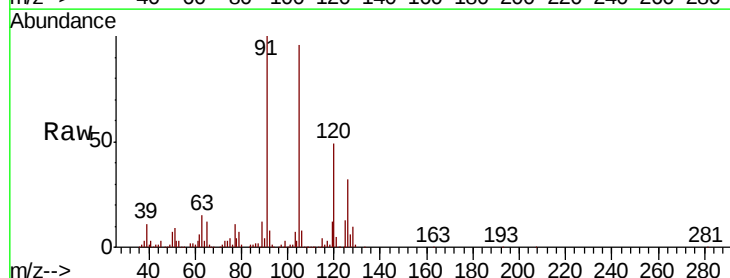
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD01

Tot Ion: 75 Resp: 36302
Ion Ratio Lower Upper
75 100
53 94.8 72.4 108.6
89 48.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.551 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

Tgt Ion: 91 Resp: 271539
Ion Ratio Lower Upper
91 100
126 31.6 15.2 45.5

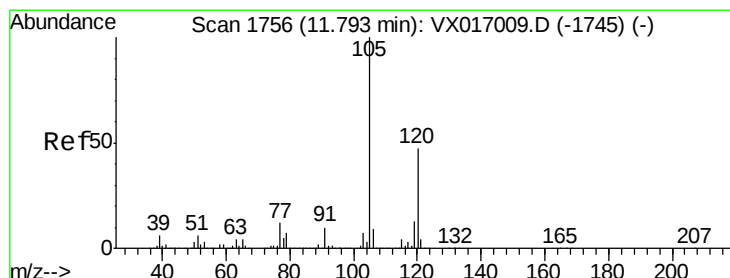
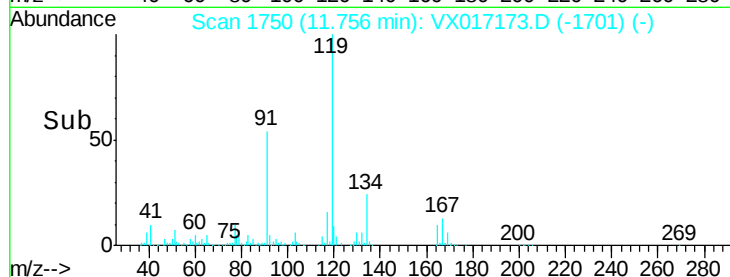
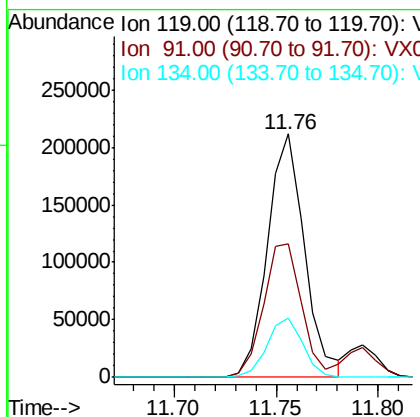
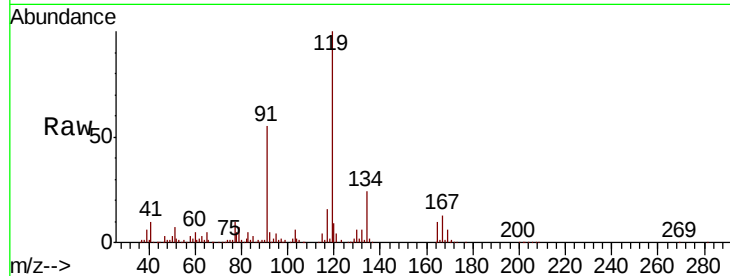




#83
 tert-Butylbenzene
 Concen: 19.433 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

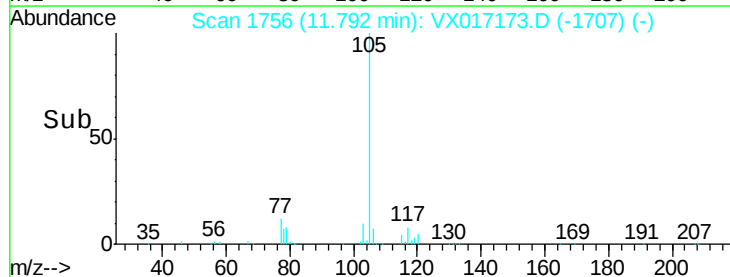
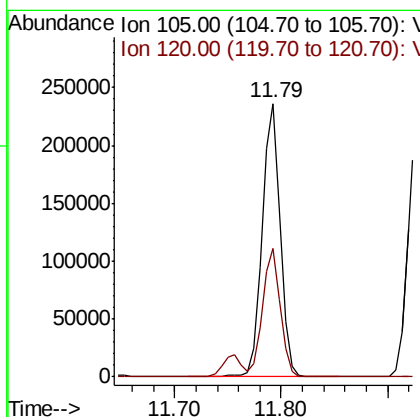
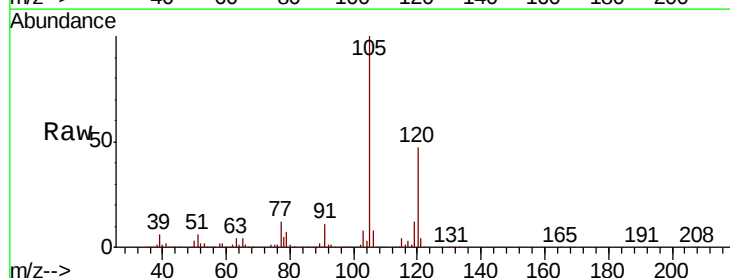
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0706WBSD01

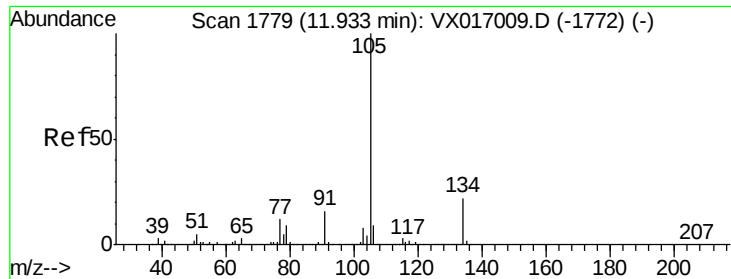
Tot Ion:119 Resp: 268619
 Ion Ratio Lower Upper
 119 100
 91 56.4 28.3 84.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.640 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Tgt Ion:105 Resp: 280574
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.5

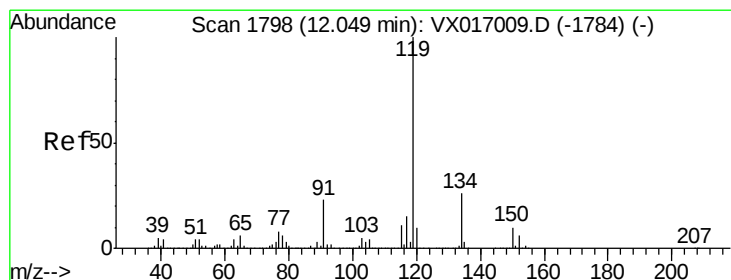
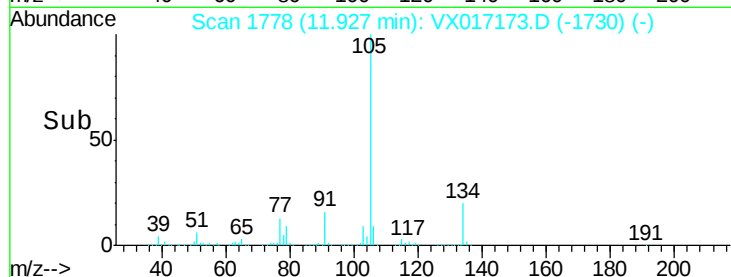
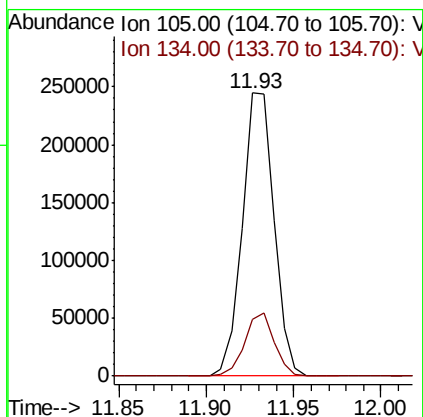
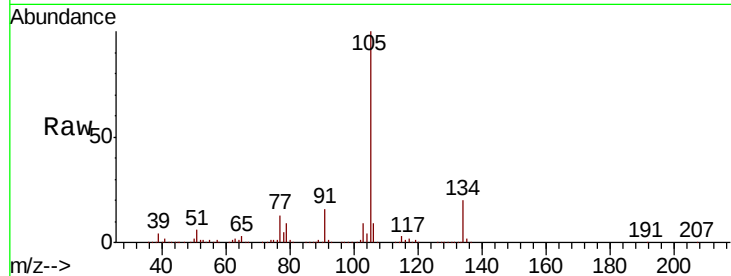




#85
 sec-Butylbenzene
 Concen: 19.042 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

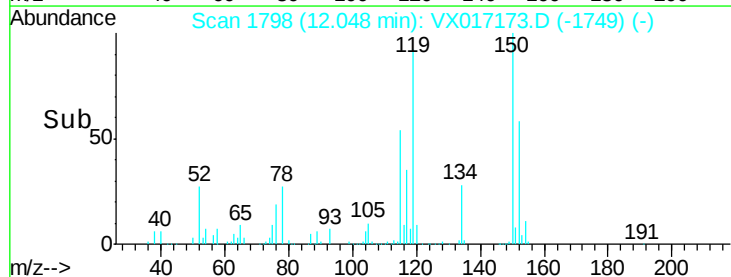
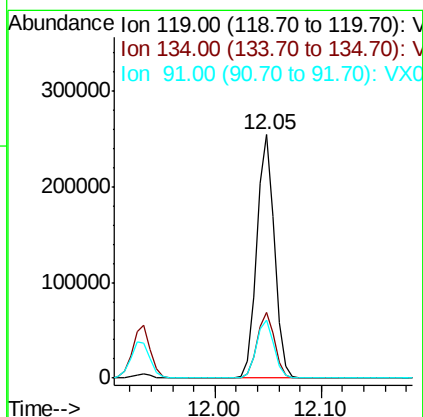
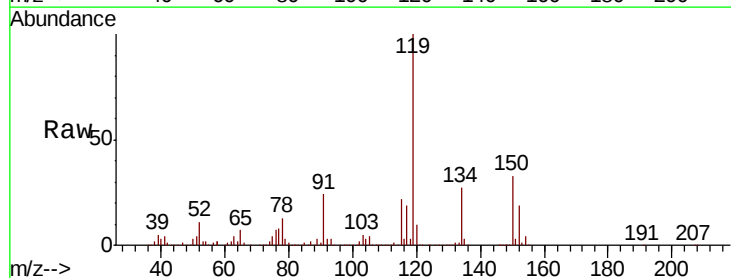
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0706WBSD01

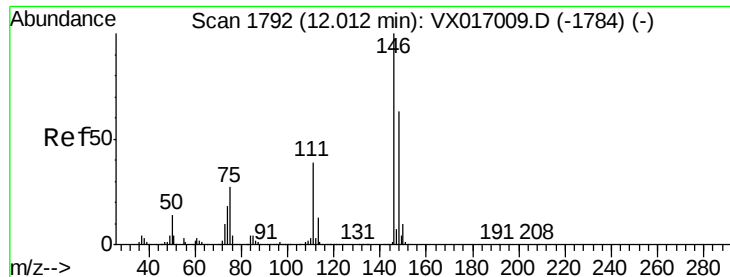
Tot Ion:105 Resp: 309397
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 19.548 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017173.D
 Acq: 06 Jul 2020 17:10

Tgt Ion:119 Resp: 295679
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 24.0 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 19.073 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampled :

VX0706WBSD01

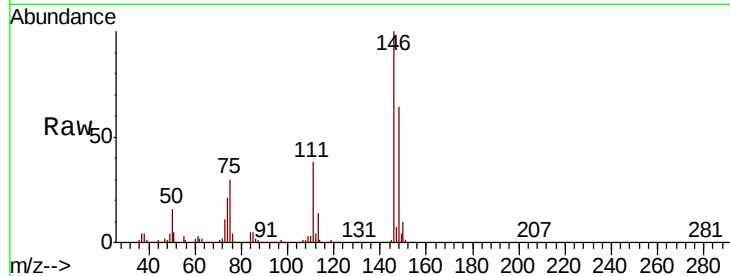
Tot Ion:146 Resp: 161624

Ion Ratio Lower Upper

146 100

111 39.1 20.4 61.2

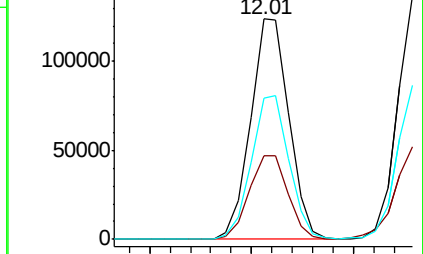
148 64.4 32.5 97.5



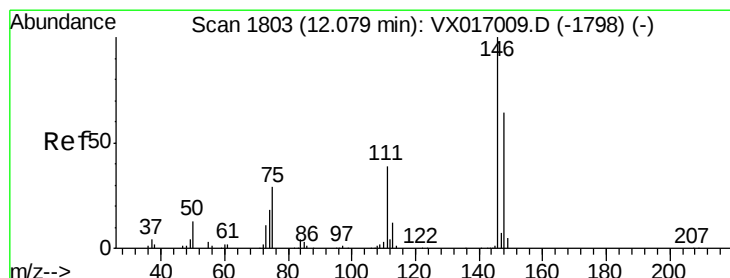
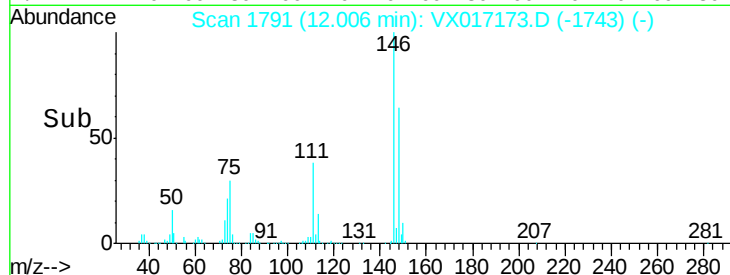
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->



#88

1,4-Dichlorobenzene

Concen: 20.585 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

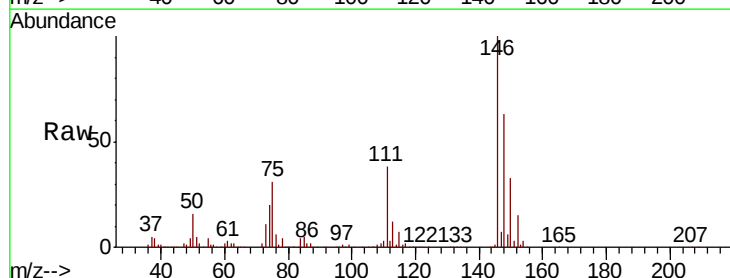
Tgt Ion:146 Resp: 165401

Ion Ratio Lower Upper

146 100

111 39.7 19.5 58.5

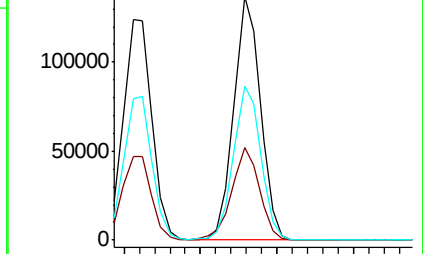
148 65.1 31.9 95.7



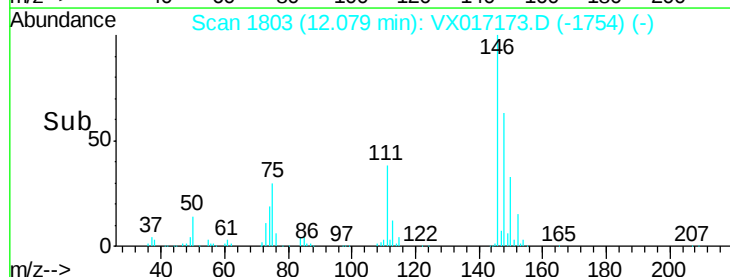
Abundance Ion 145.90 (145.60 to 146.60): V

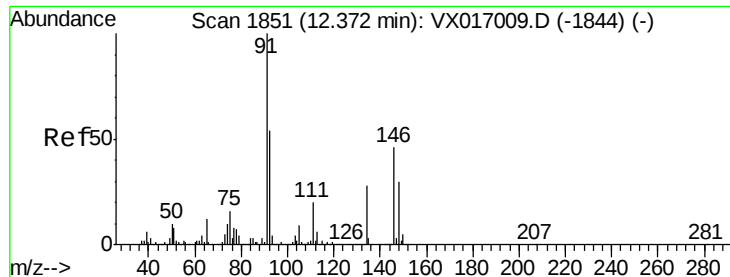
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->

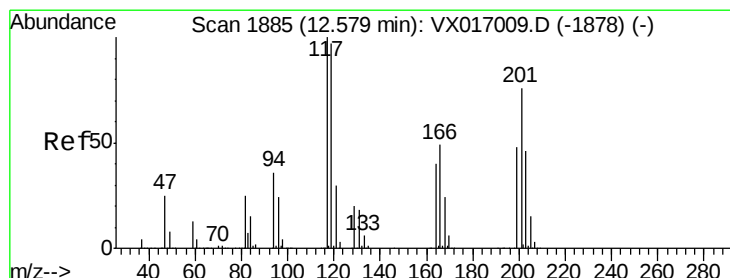
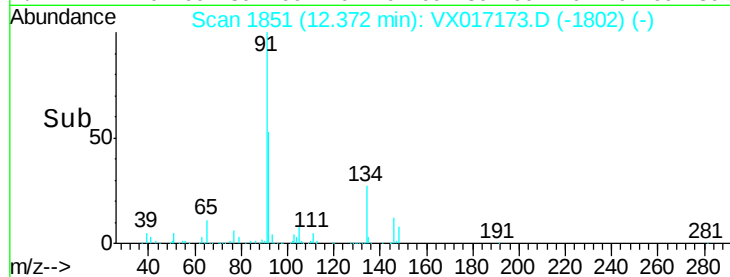
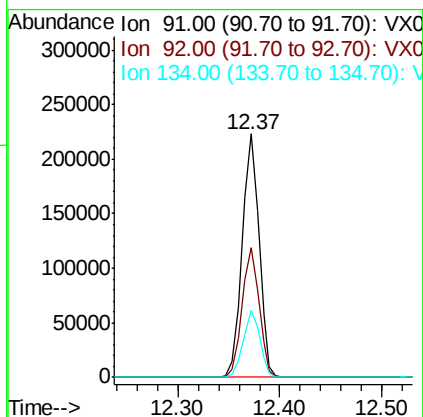
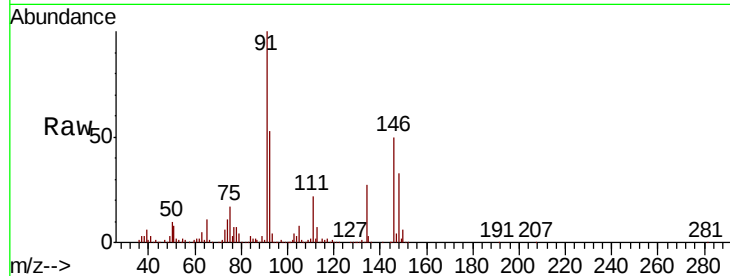




#89
n-Butylbenzene
Concen: 18.780 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

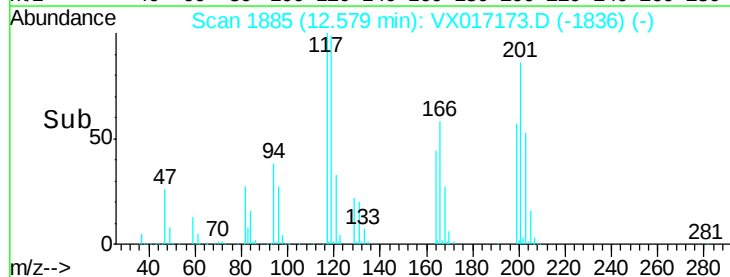
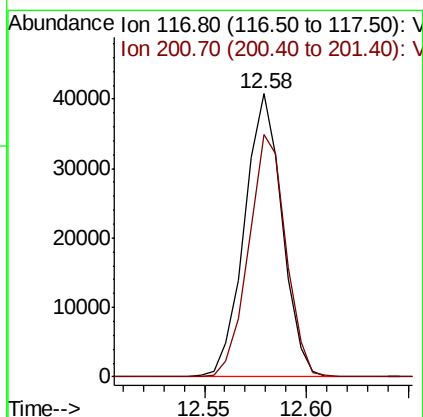
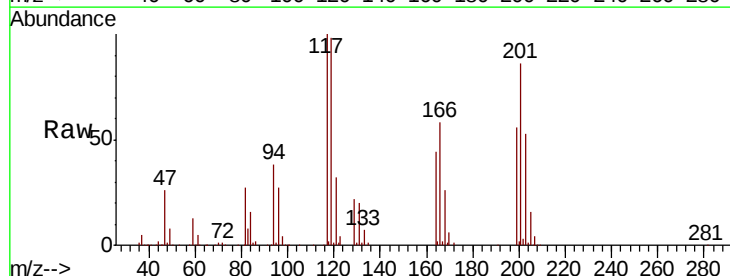
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD01

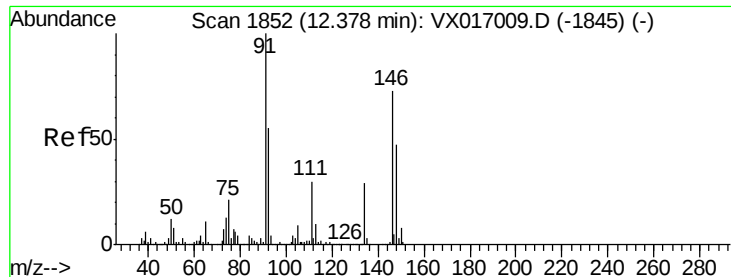
Tot Ion: 91 Resp: 253645
Ion Ratio Lower Upper
91 100
92 53.4 27.2 81.6
134 27.2 13.6 40.7



#90
Hexachloroethane
Concen: 17.541 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

Tgt Ion: 117 Resp: 52322
Ion Ratio Lower Upper
117 100
201 84.8 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 19.328 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBSD01

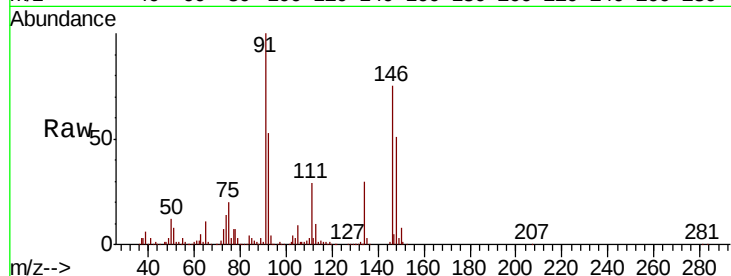
Tot Ion:146 Resp: 153096

Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.9

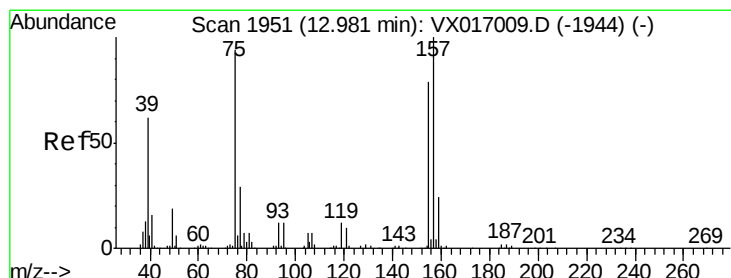
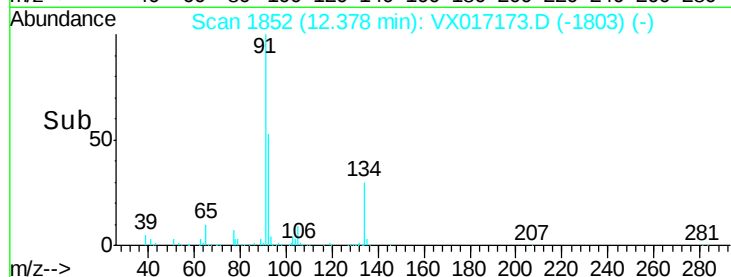
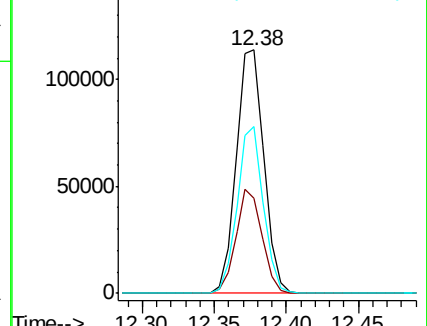
148 65.0 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.921 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

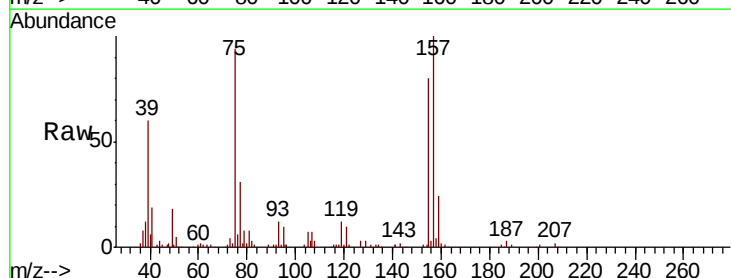
Tgt Ion: 75 Resp: 22829

Ion Ratio Lower Upper

75 100

155 87.1 45.1 135.2

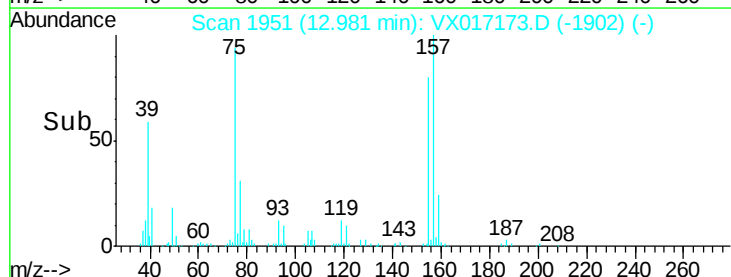
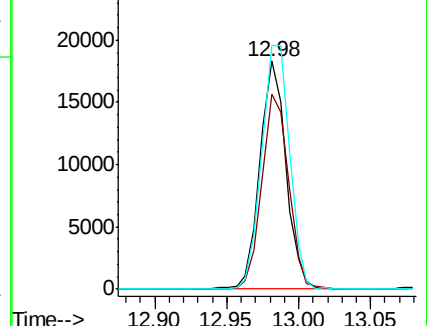
157 114.7 56.5 169.3

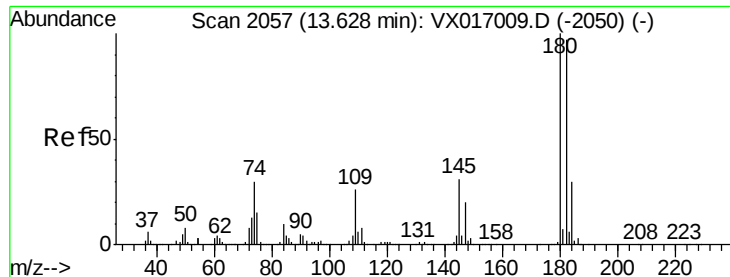


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

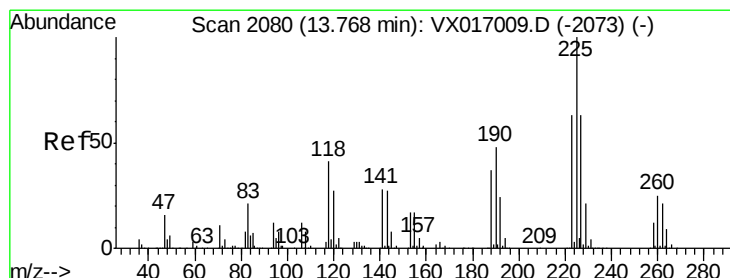
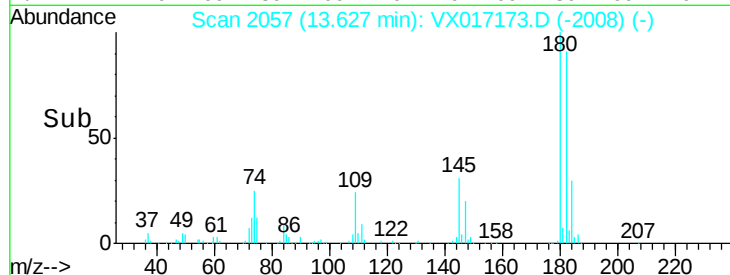
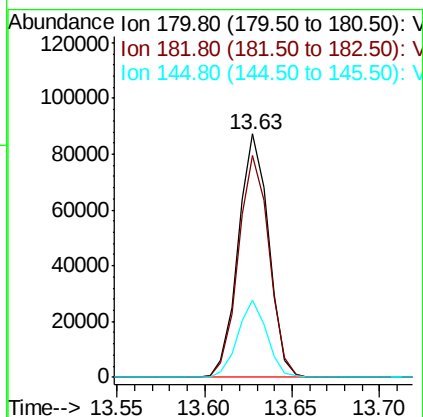
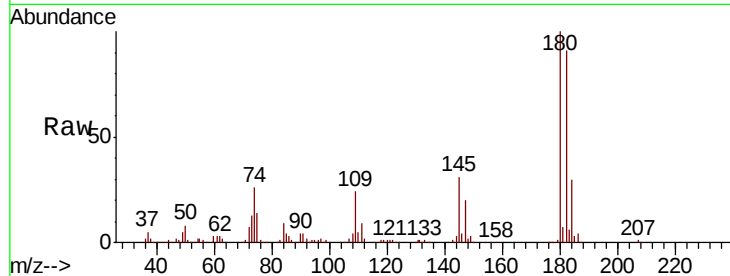




#93
1,2,4-Trichlorobenzene
Concen: 19.518 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

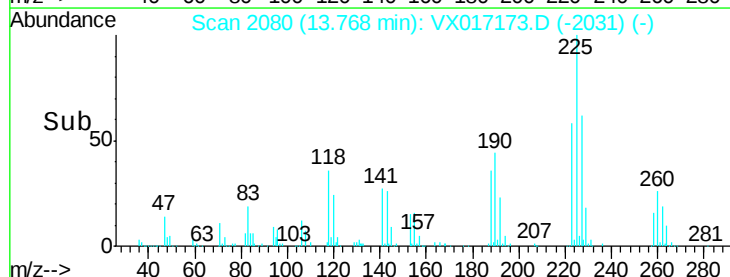
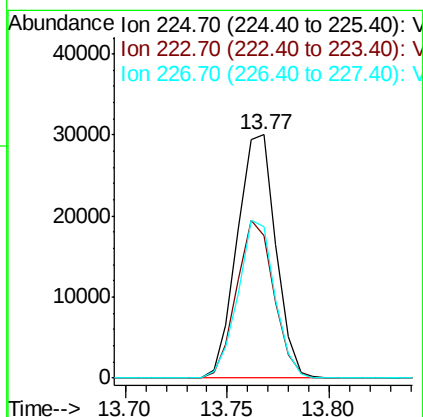
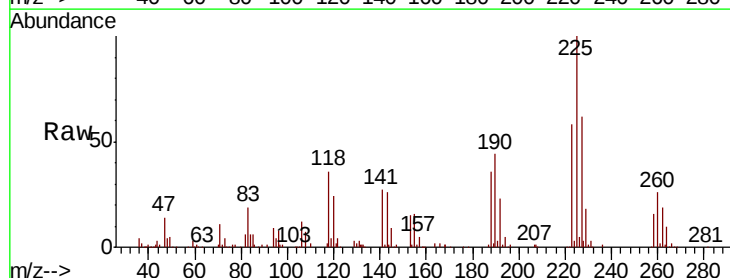
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBSD01

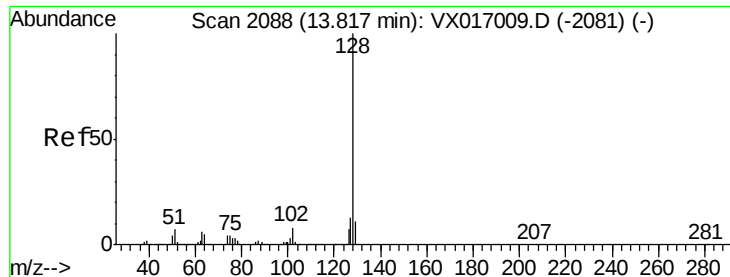
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.3	141.9
145	30.0	15.4	46.2



#94
Hexachlorobutadiene
Concen: 19.798 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX017173.D
Acq: 06 Jul 2020 17:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.5	97.5
227	61.6	33.1	99.2





#95

Naphthalene

Concen: 19.334 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

Instrument :

MSVOA_X

ClientSampled :

VX0706WBSD01

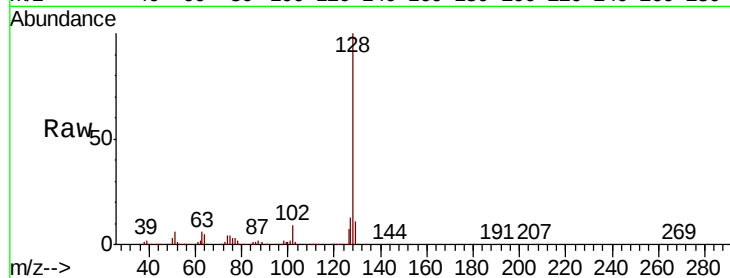
Tot Ion:128 Resp: 317773

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

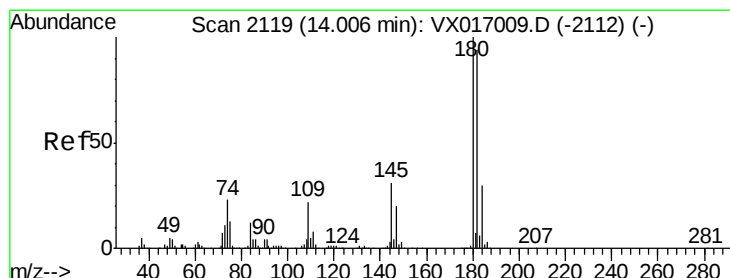
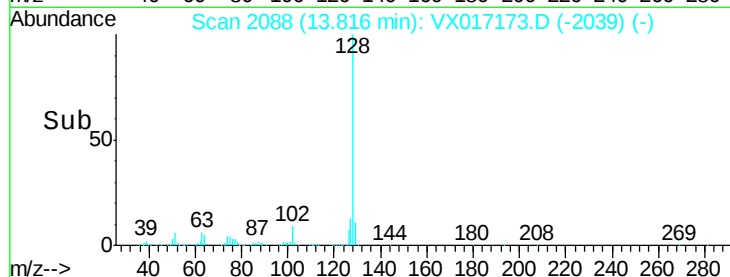
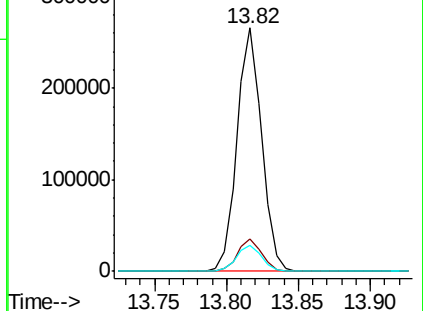
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.789 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017173.D

Acq: 06 Jul 2020 17:10

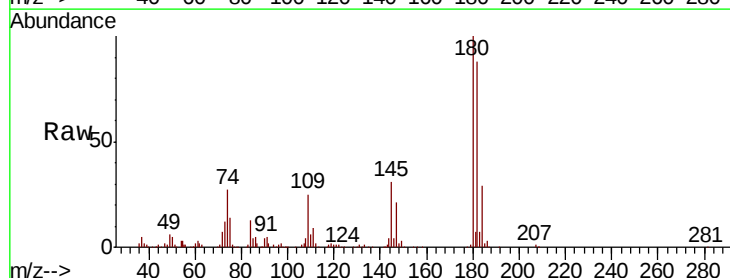
Tgt Ion:180 Resp: 103536

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.4

145 32.2 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

