

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
 Data File : VX017386.D
 Acq On : 16 Jul 2020 13:03
 Operator : JC/SP
 Sample : VX0716WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

Quant Time: Jul 17 00:57:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	317374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	490236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196707	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.46	113	165323	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	8.70	98	588753	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.12	95	214434	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	60368	22.479	ug/l	99
3) Chloromethane	1.31	50	65511	21.668	ug/l	97
4) Vinyl Chloride	1.39	62	66178	22.126	ug/l	98
5) Bromomethane	1.63	94	44460	22.834	ug/l	97
6) Chloroethane	1.72	64	40730	21.574	ug/l	100
7) Trichlorofluoromethane	1.92	101	104152	20.631	ug/l	98
8) Diethyl Ether	2.17	74	37668	21.109	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62805	21.840	ug/l	99
10) Methyl Iodide	2.49	142	70239	19.928	ug/l	98
11) Tert butyl alcohol	3.01	59	70191	104.589	ug/l	98
12) 1,1-Dichloroethene	2.36	96	61679	21.355	ug/l	94
13) Acrolein	2.27	56	27918	75.887	ug/l	95
14) Allyl chloride	2.71	41	110785	22.137	ug/l	93
15) Acrylonitrile	3.12	53	179289	110.203	ug/l	98
16) Acetone	2.42	43	150078	105.609	ug/l	96
17) Carbon Disulfide	2.55	76	182365	21.645	ug/l	99
18) Methyl Acetate	2.75	43	79403	22.622	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	199284	20.321	ug/l	98
20) Methylene Chloride	2.84	84	75471	21.767	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	68844	20.833	ug/l	99
22) Diisopropyl ether	3.82	45	217968	22.865	ug/l	99
23) Vinyl Acetate	3.79	43	929452	110.862	ug/l	100
24) 1,1-Dichloroethane	3.67	63	121854	21.750	ug/l	98
25) 2-Butanone	4.64	43	243782	108.007	ug/l	99
26) 2,2-Dichloropropane	4.55	77	105039	20.145	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	74476	20.552	ug/l	98
28) Bromochloromethane	4.98	49	53668	20.736	ug/l	93
29) Tetrahydrofuran	5.09	42	159632	109.258	ug/l	97
30) Chloroform	5.18	83	126414	20.972	ug/l	97
31) Cyclohexane	5.55	56	96134	20.960	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	115666	20.757	ug/l	98
36) 1,1-Dichloropropene	5.78	75	89679	19.888	ug/l	99
37) Ethyl Acetate	4.79	43	96300	20.650	ug/l	98
38) Carbon Tetrachloride	5.76	117	103517	19.607	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
 Data File : VX017386.D
 Acq On : 16 Jul 2020 13:03
 Operator : JC/SP
 Sample : VX0716WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

Quant Time: Jul 17 00:57:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	92375	18.864	ug/l	88
40) Benzene	6.11	78	272570	21.033	ug/l	98
41) Methacrylonitrile	5.00	41	51473	20.560	ug/l	99
42) 1,2-Dichloroethane	6.16	62	101542	20.167	ug/l	100
43) Isopropyl Acetate	6.42	43	148947	19.989	ug/l	98
44) Trichloroethene	7.19	130	77527	19.585	ug/l	97
45) 1,2-Dichloropropane	7.49	63	72199	21.773	ug/l	95
46) Dibromomethane	7.64	93	48841	20.423	ug/l	95
47) Bromodichloromethane	7.88	83	102397	20.480	ug/l	99
48) Methyl methacrylate	7.74	41	72215	20.195	ug/l	99
49) 1,4-Dioxane	7.71	88	31849	435.234	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	491162	108.100	ug/l	98
52) Toluene	8.76	92	171032	20.566	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	104875	19.471	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	115862	20.168	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	72490	20.904	ug/l	99
56) Ethyl methacrylate	9.16	69	93165	18.923	ug/l	99
57) 1,3-Dichloropropane	9.35	76	118070	20.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	254929	101.979	ug/l	97
59) 2-Hexanone	9.47	43	359089	104.712	ug/l	97
60) Dibromochloromethane	9.56	129	82305	19.428	ug/l	99
61) 1,2-Dibromoethane	9.65	107	75254	19.948	ug/l	97
64) Tetrachloroethene	9.32	164	82018	20.309	ug/l	94
65) Chlorobenzene	10.12	112	183350	19.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	74678	19.781	ug/l	98
67) Ethyl Benzene	10.24	91	304784	19.308	ug/l	100
68) m/p-Xylenes	10.34	106	243107	40.477	ug/l	97
69) o-Xylene	10.68	106	110726	19.293	ug/l	98
70) Styrene	10.70	104	195230	19.818	ug/l	99
71) Bromoform	10.84	173	61205	19.212	ug/l #	97
73) Isopropylbenzene	11.00	105	305928	19.418	ug/l	99
74) N-amyl acetate	10.88	43	125449	19.898	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	102421	21.411	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	124388	26.784	ug/l	86
77) Bromobenzene	11.24	156	84611	18.856	ug/l	96
78) n-propylbenzene	11.34	91	350552	19.812	ug/l	100
79) 2-Chlorotoluene	11.40	91	214935	19.712	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	257297	19.239	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	33228	18.151	ug/l	95
82) 4-Chlorotoluene	11.49	91	256896	19.880	ug/l	100
83) tert-Butylbenzene	11.76	119	237447	18.367	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	265937	19.683	ug/l	100
85) sec-Butylbenzene	11.93	105	292195	19.306	ug/l	99
86) p-Isopropyltoluene	12.05	119	271621	18.967	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	153667	19.143	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	156671	19.319	ug/l	98
89) n-Butylbenzene	12.37	91	231856	18.983	ug/l	98
90) Hexachloroethane	12.58	117	53167	19.555	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	147556	19.561	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22735	18.012	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
Data File : VX017386.D
Acq On : 16 Jul 2020 13:03
Operator : JC/SP
Sample : VX0716WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBS01

Quant Time: Jul 17 00:57:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

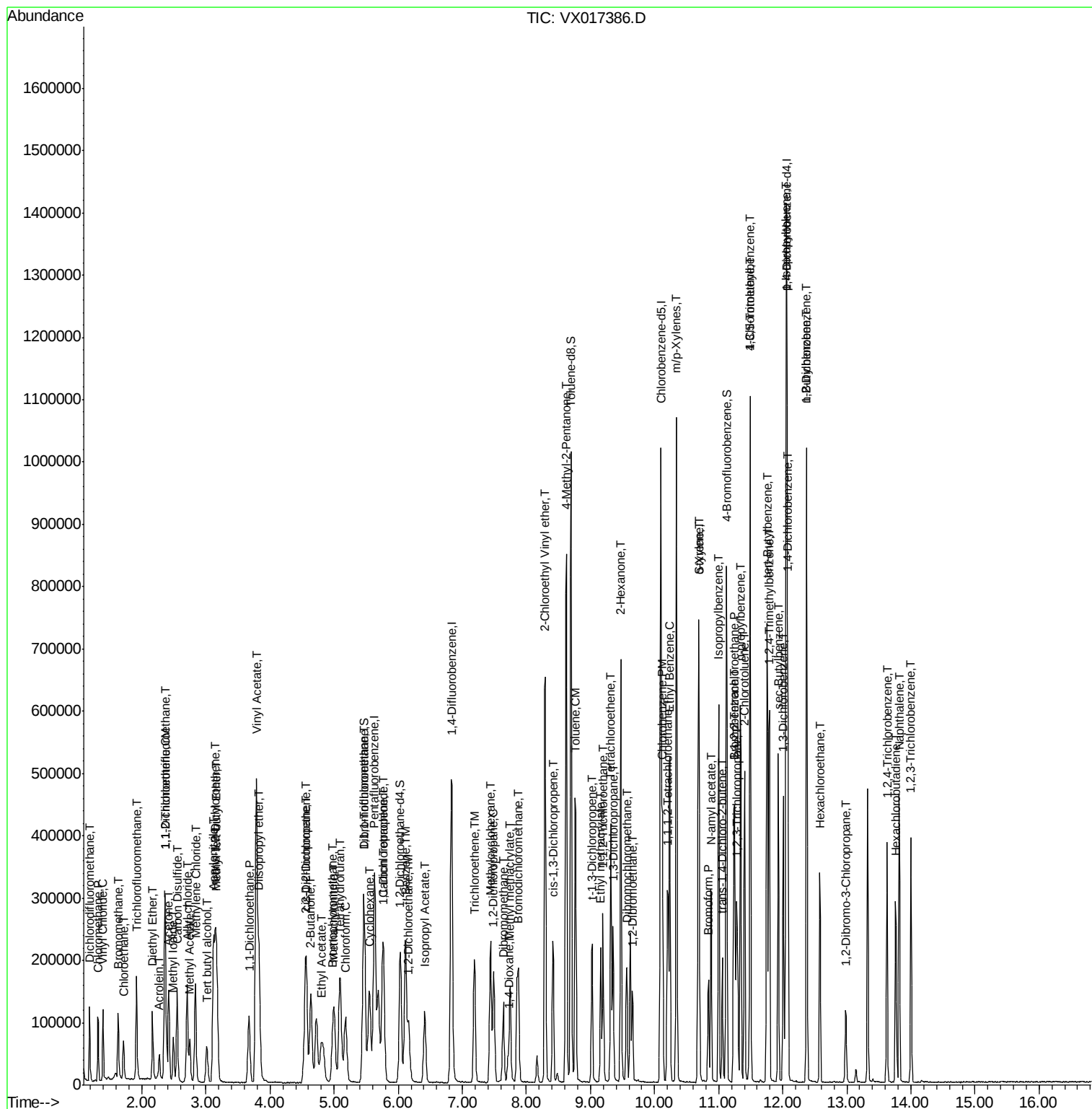
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	91709	17.514	ug/l	98
94) Hexachlorobutadiene	13.76	225	41732	19.542	ug/l	99
95) Naphthalene	13.82	128	274149	17.806	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	91210	18.032	ug/l	98

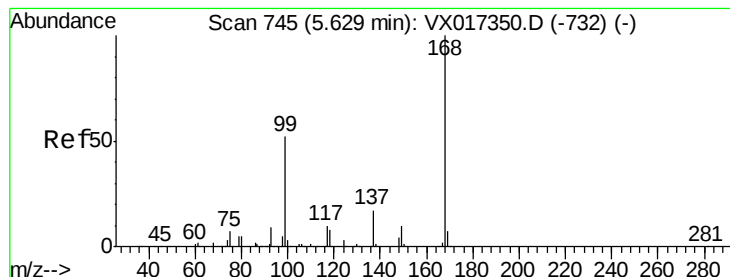
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071620\
Data File : VX0717386.D
Acq On : 16 Jul 2020 13:03
Operator : JC/SP
Sample : VX0716WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX0716WBS01

Quant Time: Jul 17 00:57:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

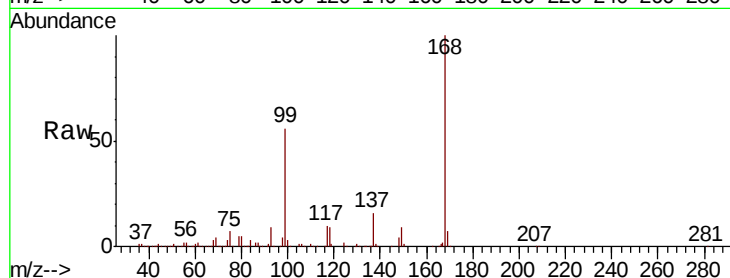
VX0716WBS01

Tot Ion:168 Resp: 317374

Ion Ratio Lower Upper

168 100

99 55.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

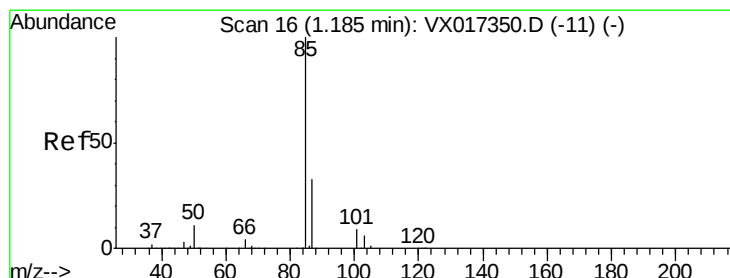
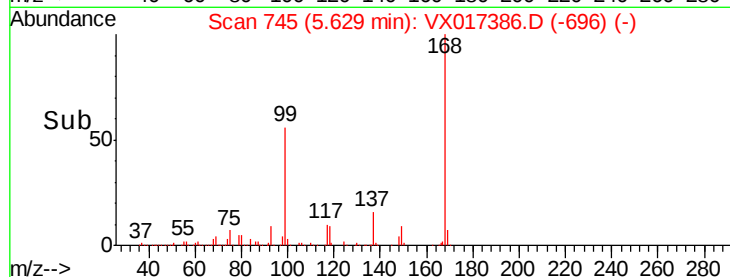
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 22.479 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017386.D

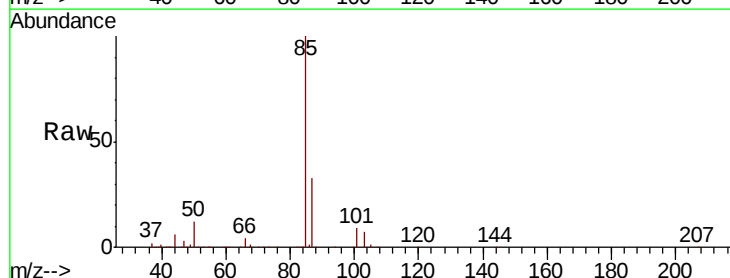
Acq: 16 Jul 2020 13:03

Tgt Ion: 85 Resp: 60368

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

80000

60000

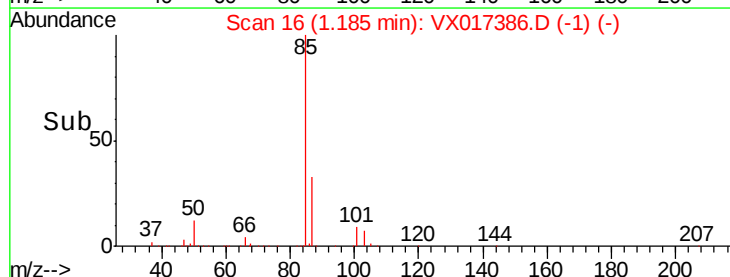
40000

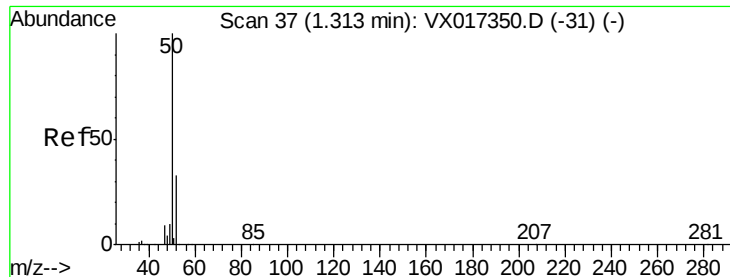
20000

0

Time-->

1.10 1.15 1.20 1.25





#3

Chloromethane

Concen: 21.668 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

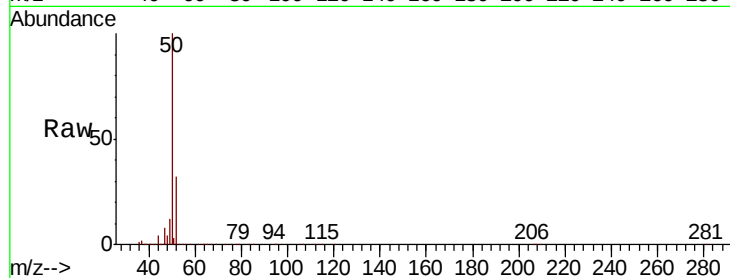
VX0716WBS01

Tot Ion: 50 Resp: 65511

Ion Ratio Lower Upper

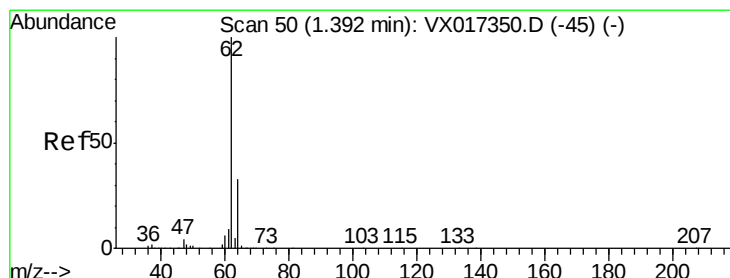
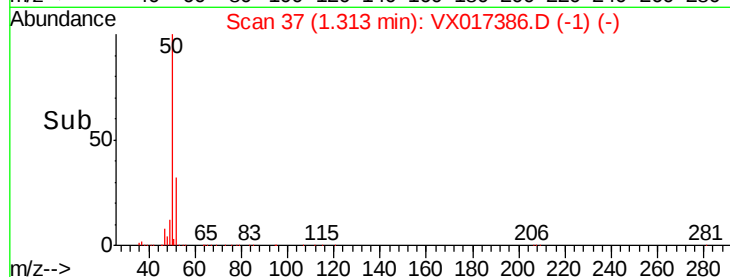
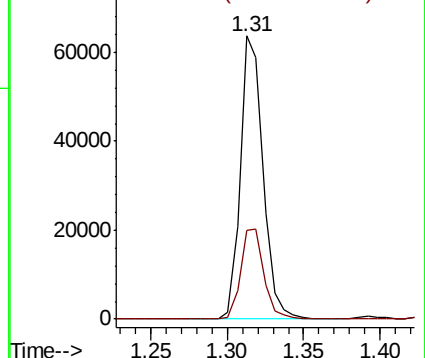
50 100

52 31.4 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.126 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017386.D

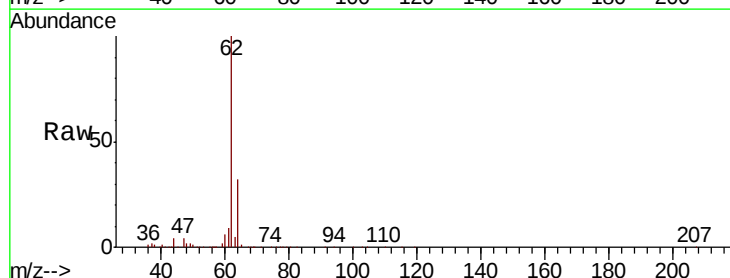
Acq: 16 Jul 2020 13:03

Tgt Ion: 62 Resp: 66178

Ion Ratio Lower Upper

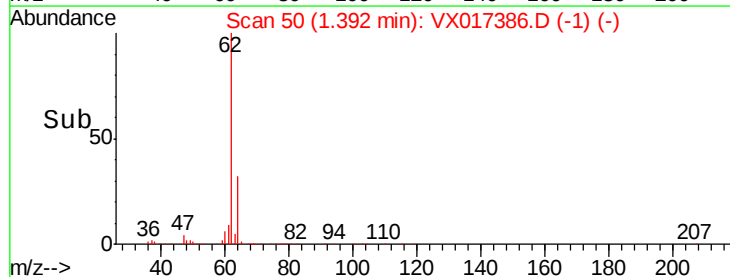
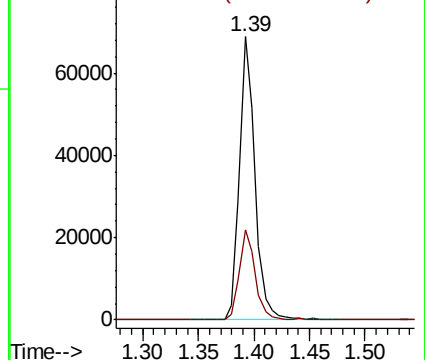
62 100

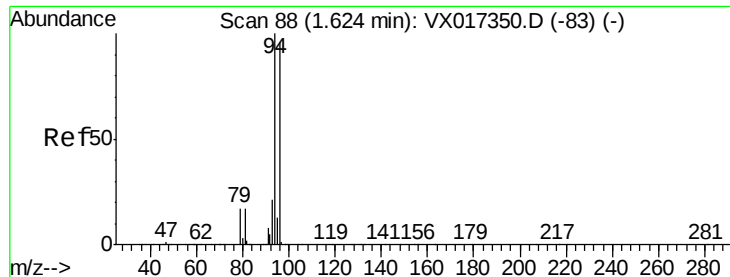
64 31.9 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.834 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

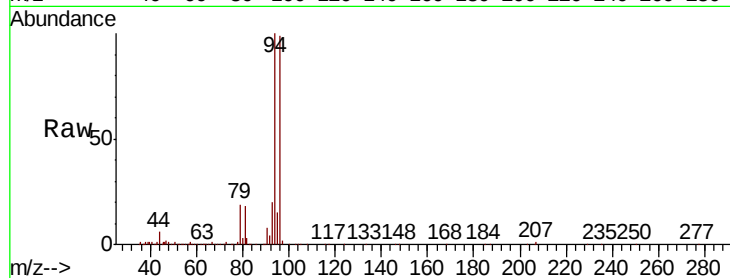
VX0716WBS01

Tot Ion: 94 Resp: 44460

Ion Ratio Lower Upper

94 100

96 98.5 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

40000

30000

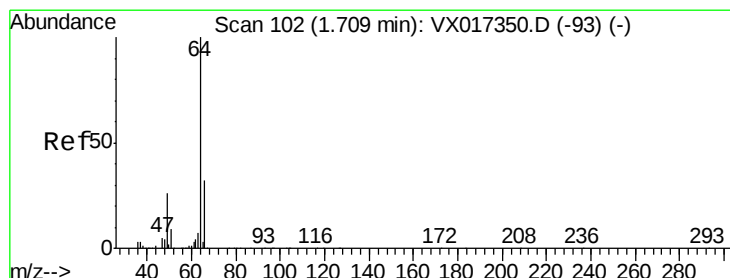
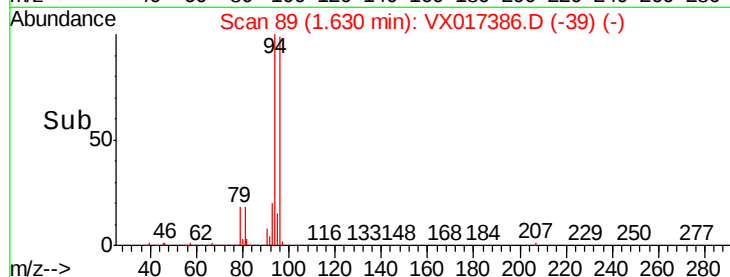
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 21.574 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017386.D

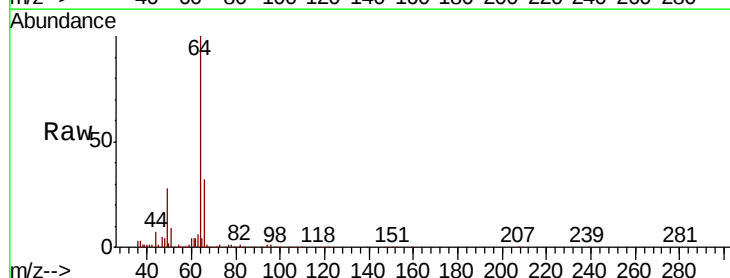
Acq: 16 Jul 2020 13:03

Tgt Ion: 64 Resp: 40730

Ion Ratio Lower Upper

64 100

66 32.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

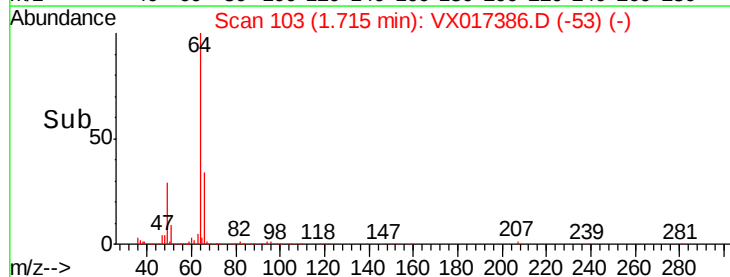
20000

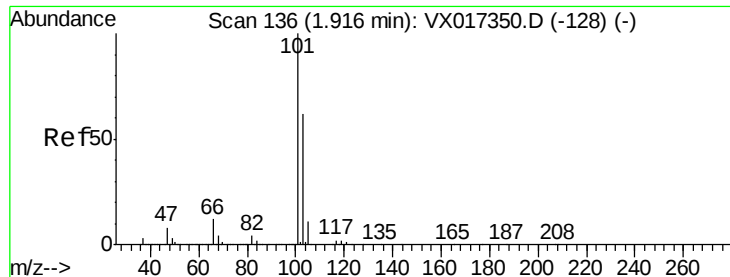
10000

0

Time-->

1.65 1.70 1.75 1.80



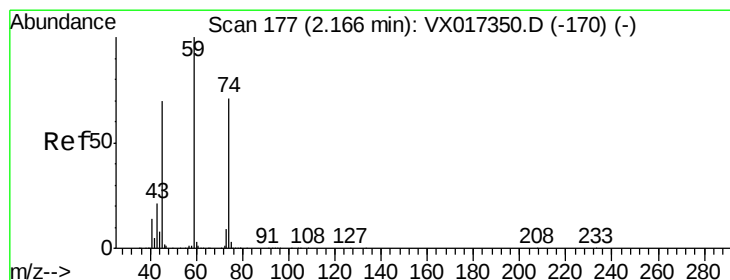
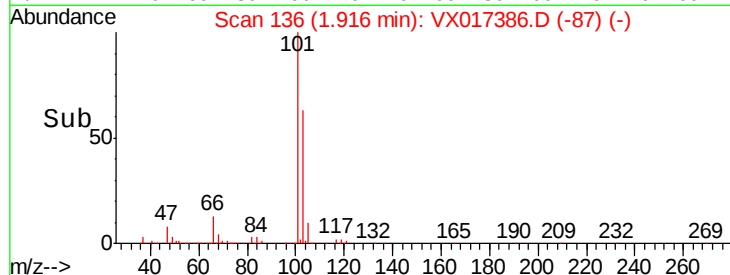
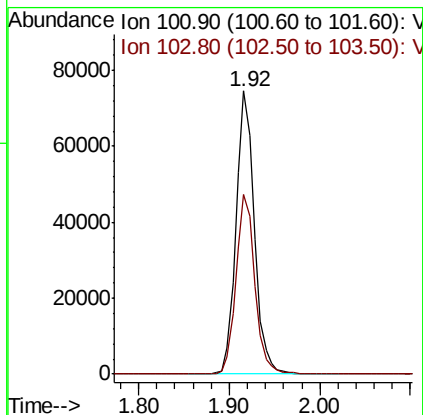
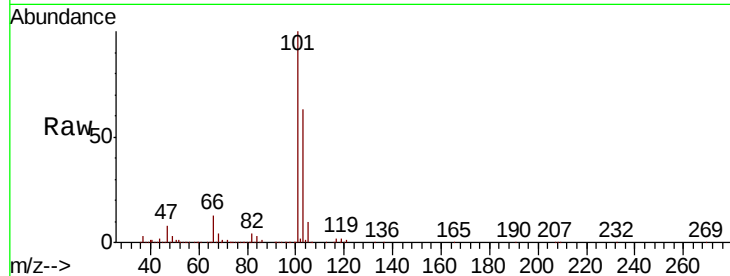


#7

Trichlorofluoromethane
 Concen: 20.631 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

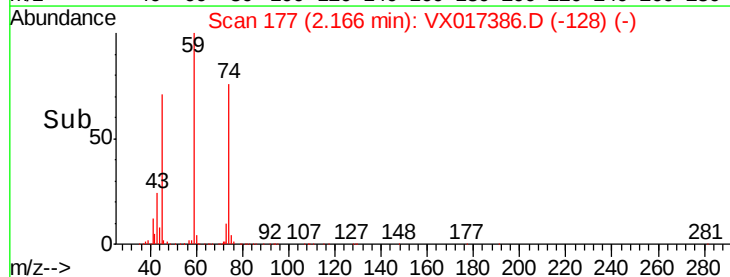
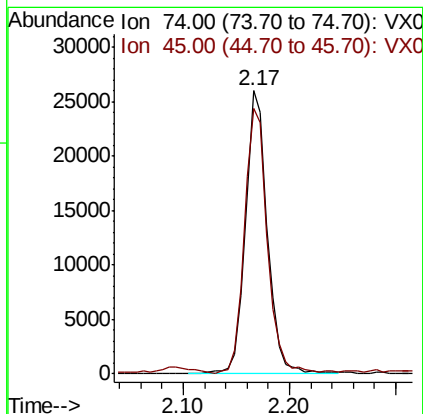
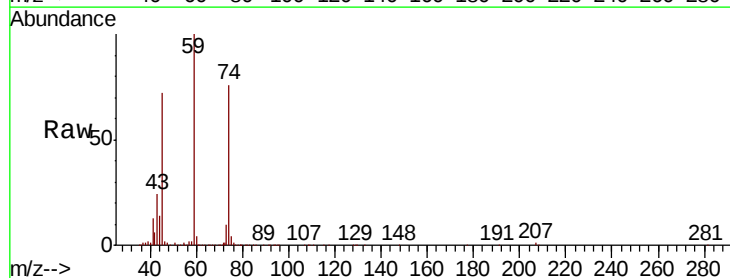
Tot Ion:101 Resp: 104152
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.6 74.4

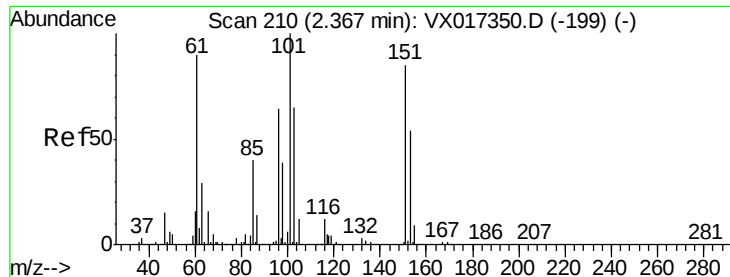


#8

Diethyl Ether
 Concen: 21.109 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Tgt Ion: 74 Resp: 37668
 Ion Ratio Lower Upper
 74 100
 45 98.0 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.840 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBS01

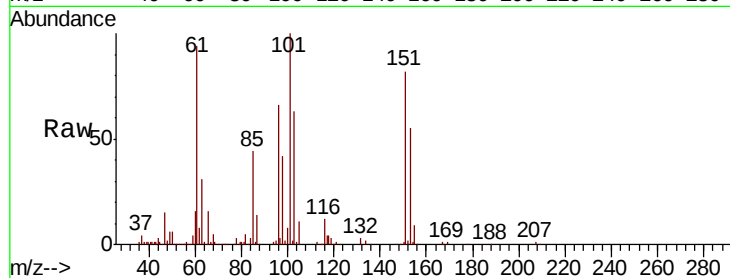
Tot Ion:101 Resp: 62805

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

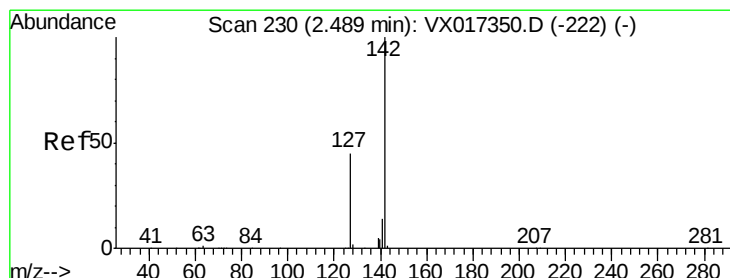
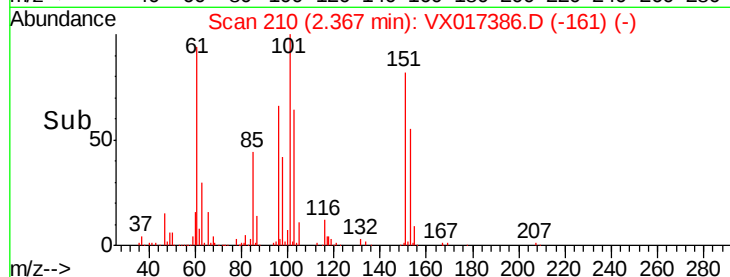
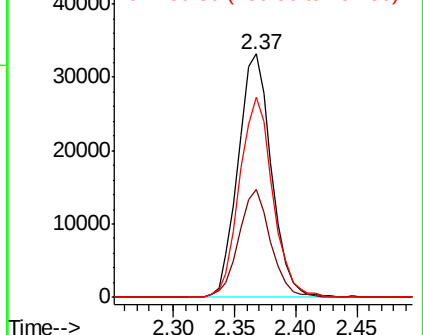
151 82.2 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.928 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

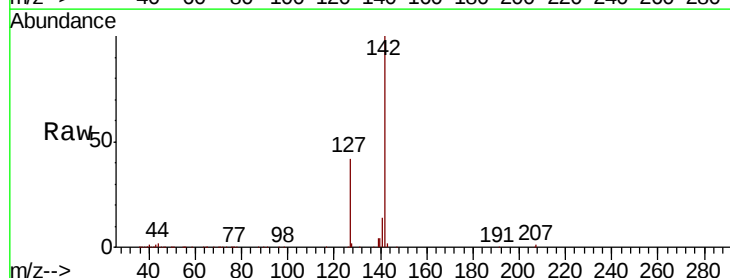
Tgt Ion:142 Resp: 70239

Ion Ratio Lower Upper

142 100

127 44.7 36.8 55.2

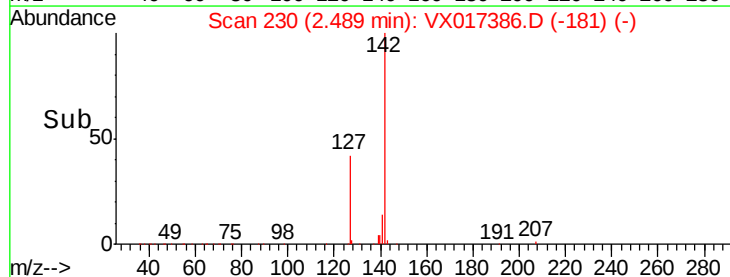
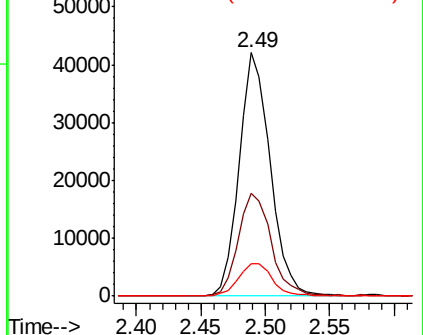
141 14.6 11.4 17.0

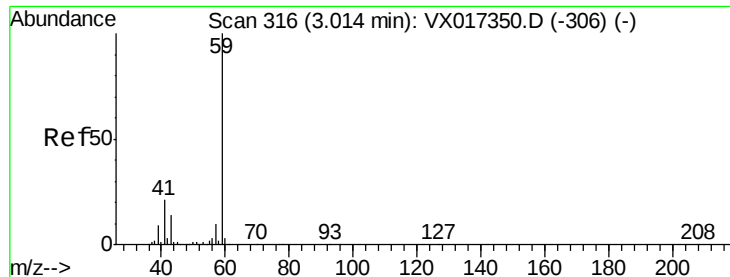


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



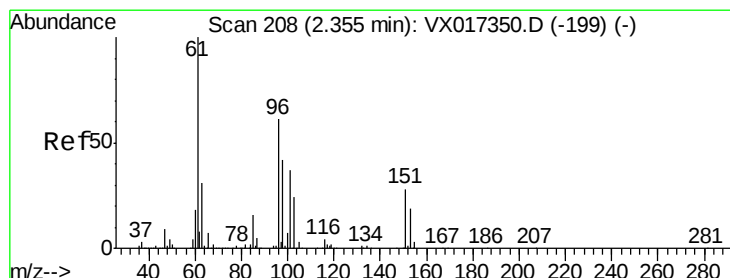
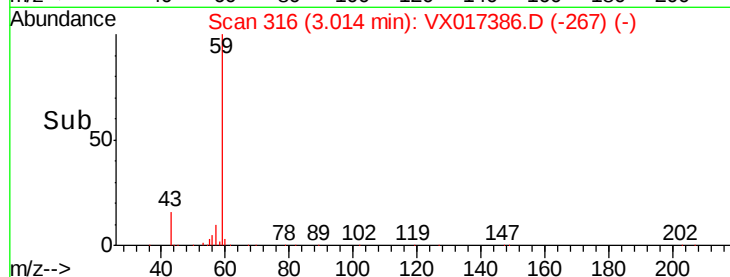
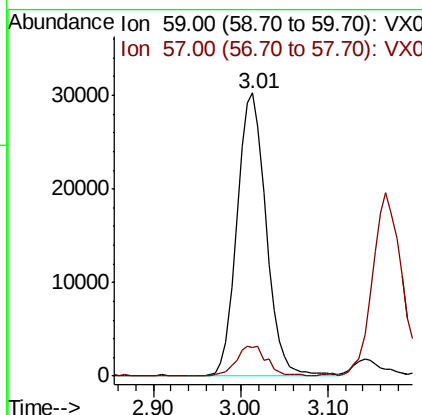
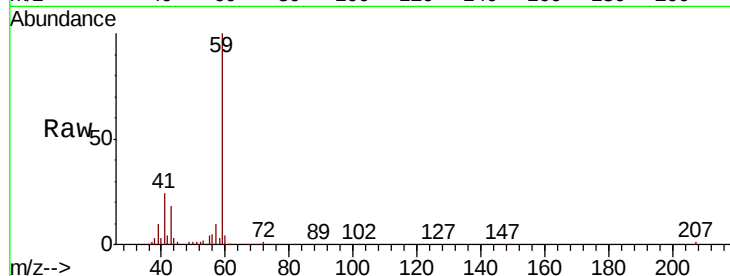


#11

Tert butyl alcohol
 Concen: 104.589 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

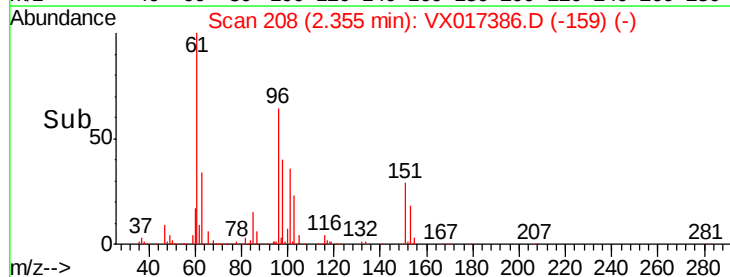
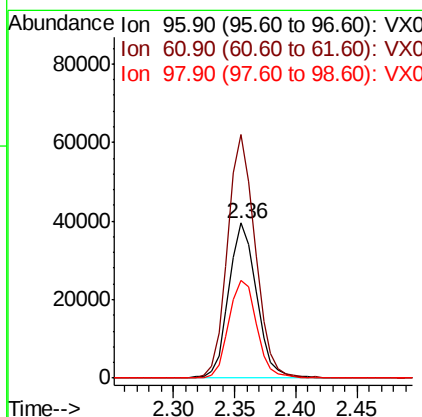
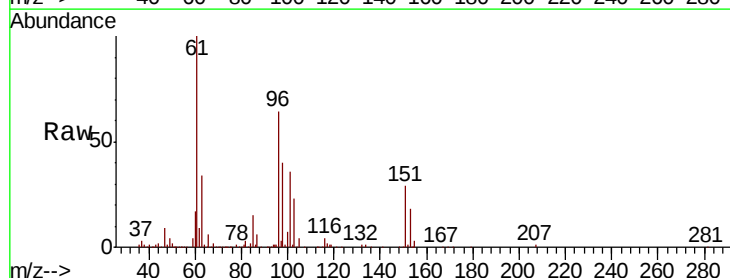
Tot Ion: 59 Resp: 70191
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.3 12.5

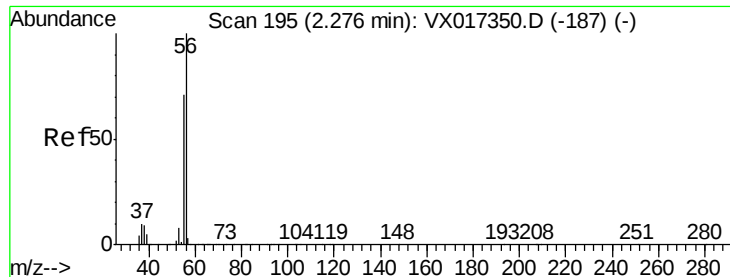


#12

1,1-Dichloroethene
 Concen: 21.355 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Tgt Ion: 96 Resp: 61679
 Ion Ratio Lower Upper
 96 100
 61 157.3 131.5 197.3
 98 63.0 55.1 82.7





#13

Acrolein

Concen: 75.887 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

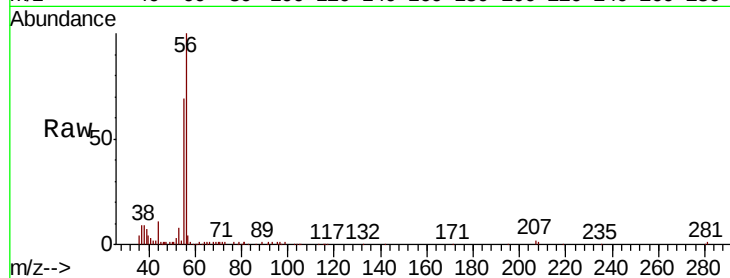
VX0716WBS01

Tot Ion: 56 Resp: 27918

Ion Ratio Lower Upper

56 100

55 75.5 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

20000

15000

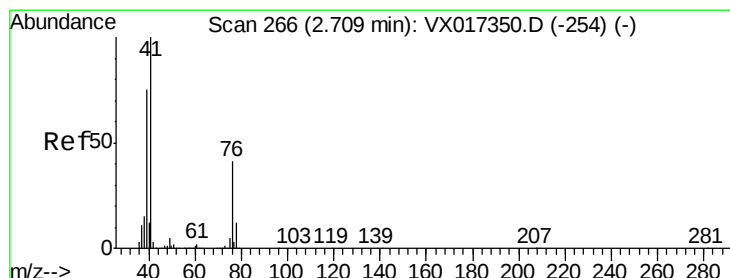
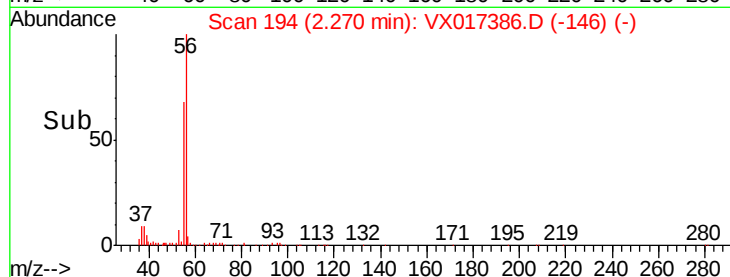
10000

5000

0

Time-->

2.20 2.25 2.30



#14

Allyl chloride

Concen: 22.137 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

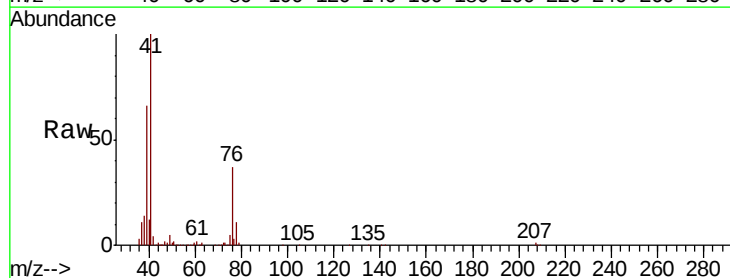
Tgt Ion: 41 Resp: 110785

Ion Ratio Lower Upper

41 100

39 60.5 53.0 79.4

76 31.0 28.2 42.2



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

150000

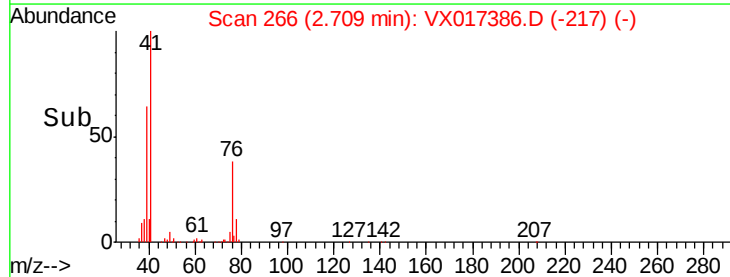
100000

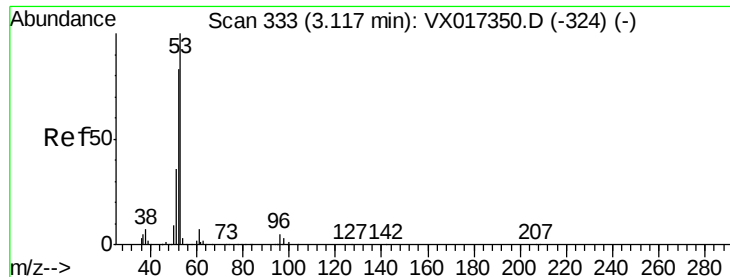
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 110.203 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBS01

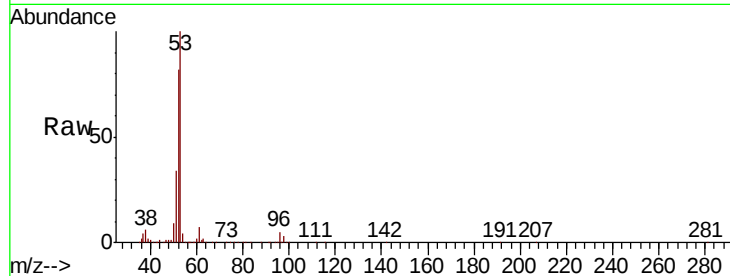
Tot Ion: 53 Resp: 179289

Ion Ratio Lower Upper

53 100

52 80.4 65.8 98.6

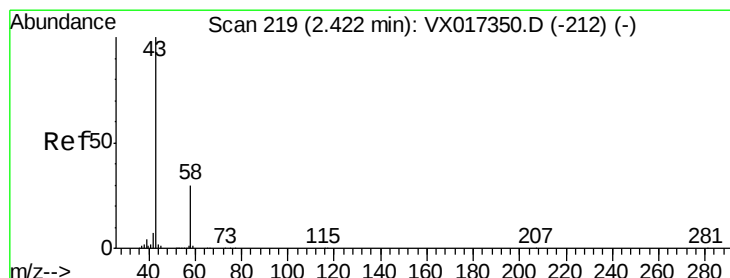
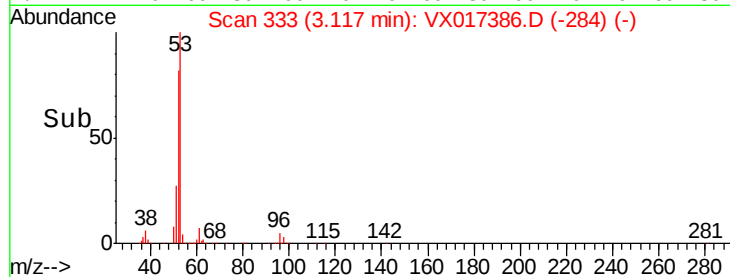
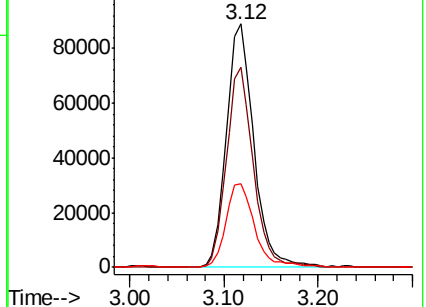
51 36.1 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 105.609 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017386.D

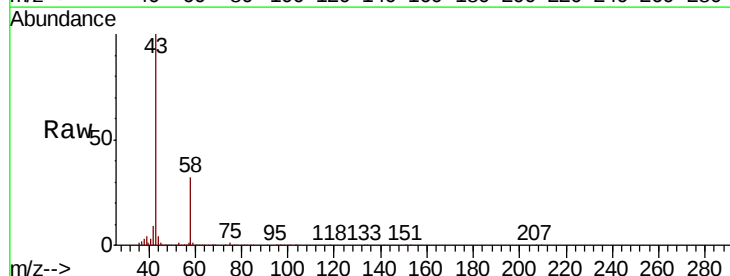
Acq: 16 Jul 2020 13:03

Tgt Ion: 43 Resp: 150078

Ion Ratio Lower Upper

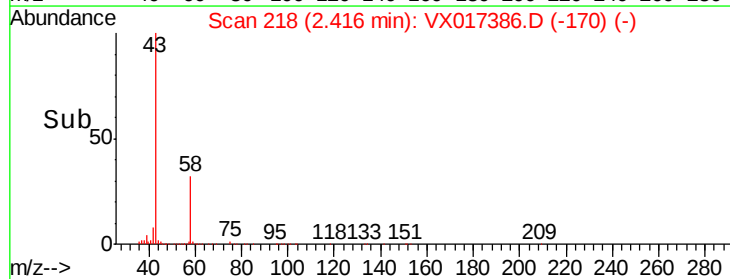
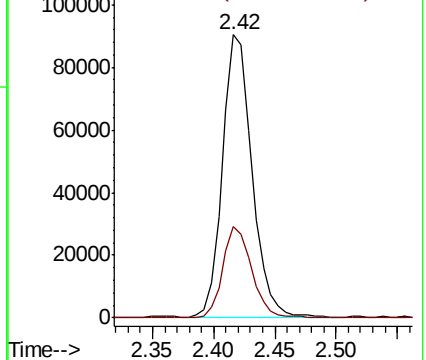
43 100

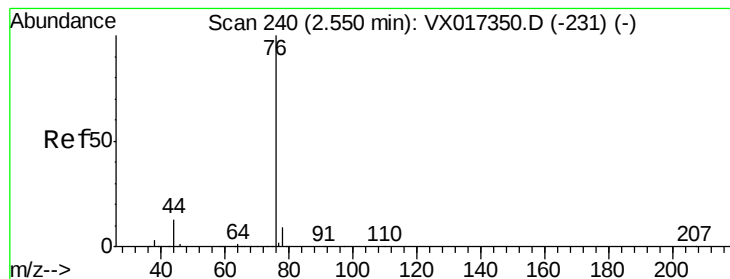
58 32.3 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 21.645 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

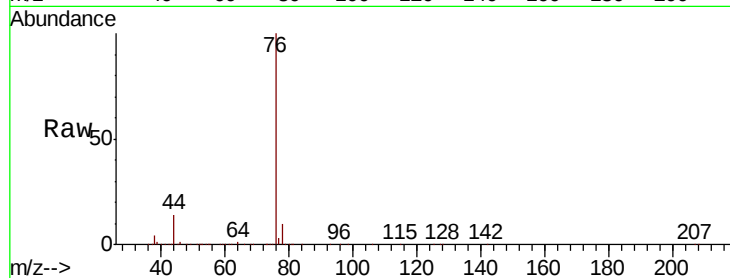
VX0716WBS01

Tot Ion: 76 Resp: 182365

Ion Ratio Lower Upper

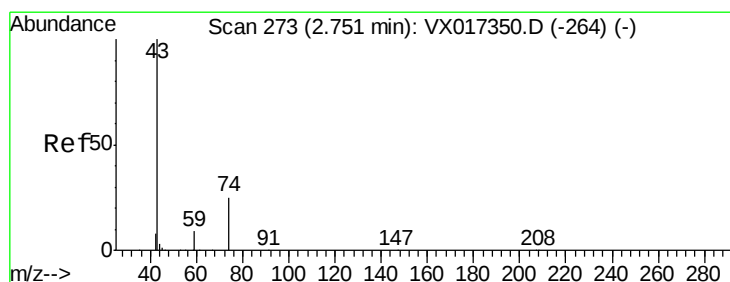
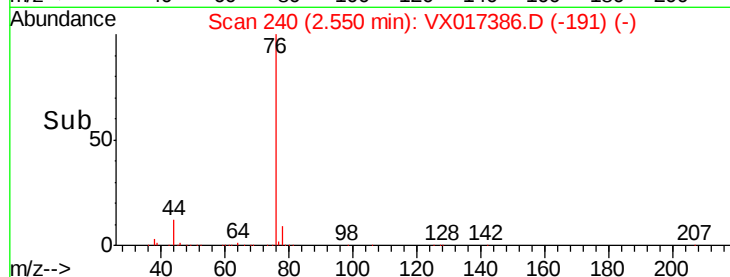
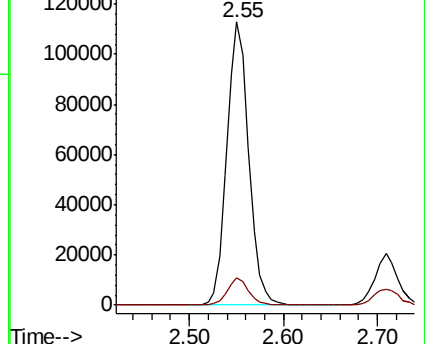
76 100

78 9.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.622 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017386.D

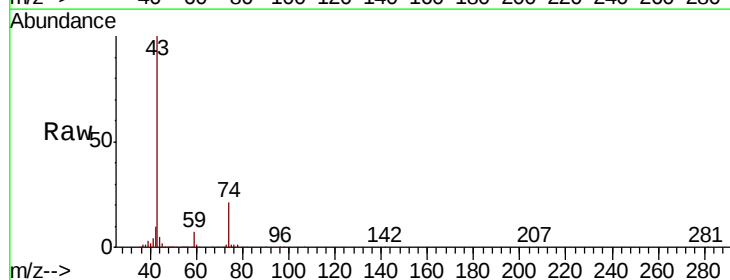
Acq: 16 Jul 2020 13:03

Tgt Ion: 43 Resp: 79403

Ion Ratio Lower Upper

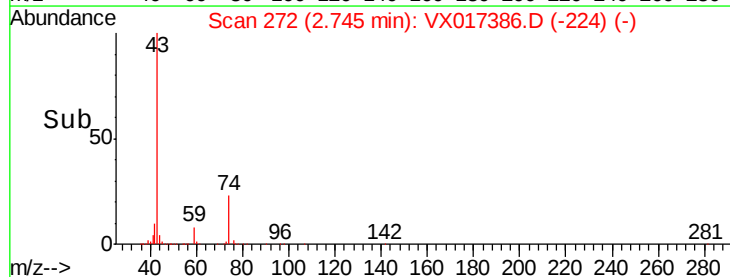
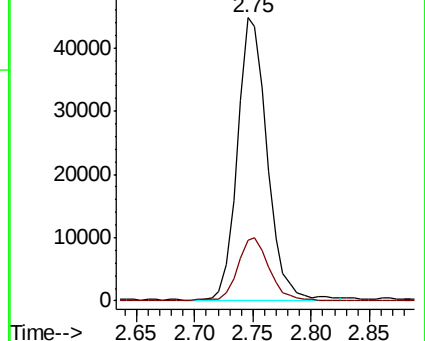
43 100

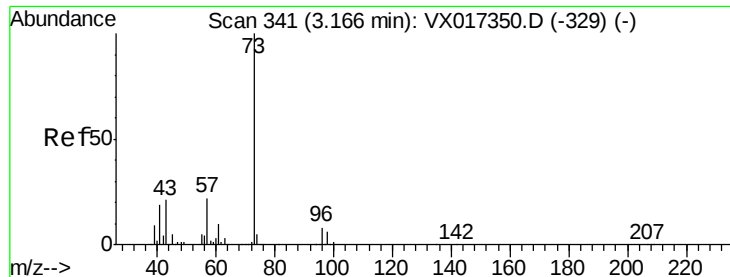
74 24.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



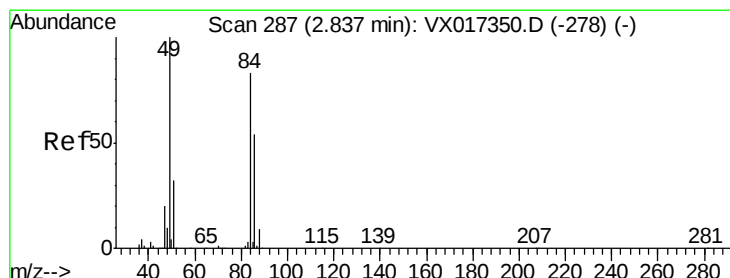
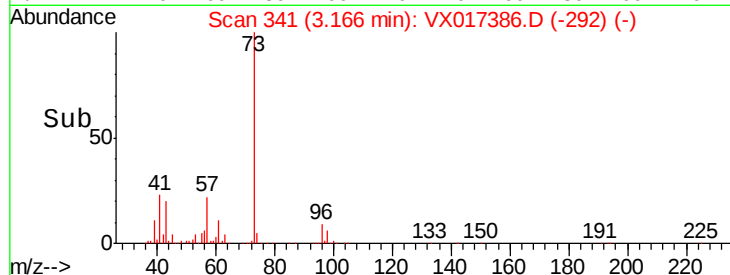
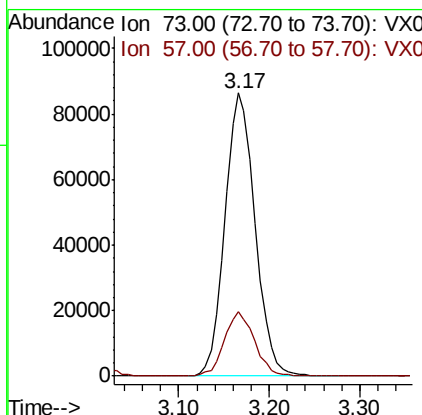
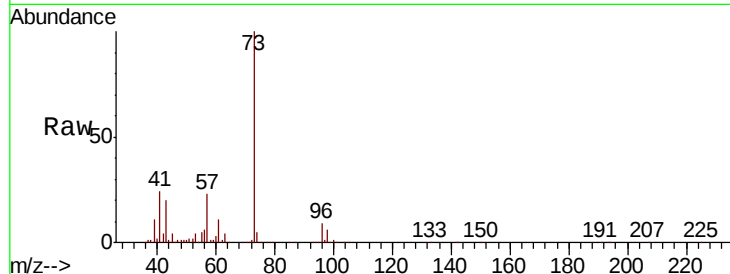


#19

Methyl tert-butyl Ether
 Concen: 20.321 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0716WBS01

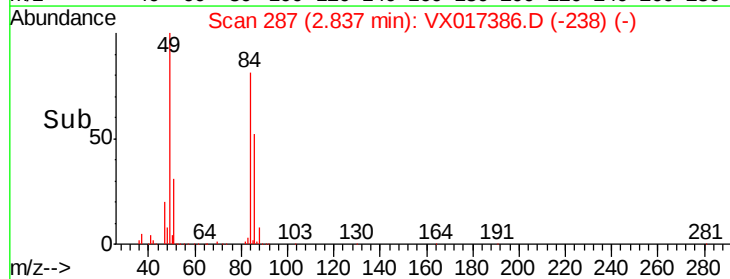
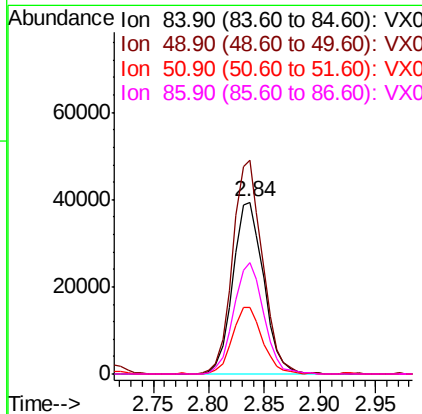
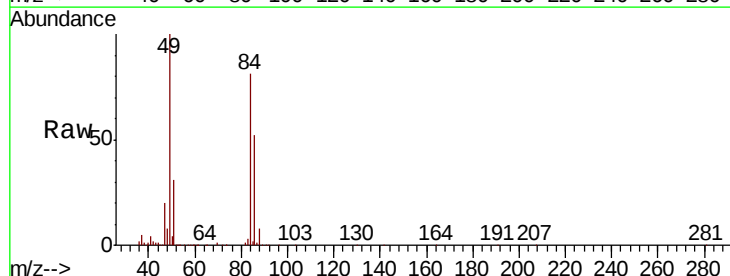
Tot Ion: 73 Resp: 199284
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.5 26.3

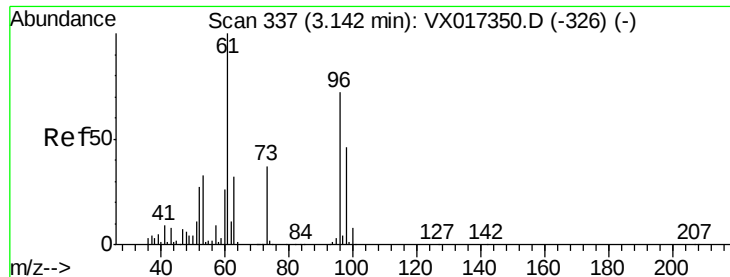


#20

Methylene Chloride
 Concen: 21.767 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Tgt Ion: 84 Resp: 75471
 Ion Ratio Lower Upper
 84 100
 49 123.8 95.8 143.8
 51 38.4 31.0 46.4
 86 64.3 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 20.833 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBS01

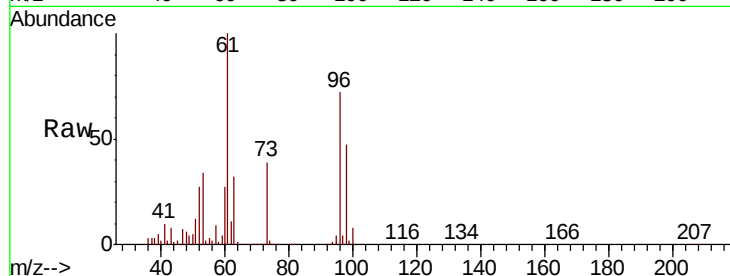
Tot Ion: 96 Resp: 68844

Ion Ratio Lower Upper

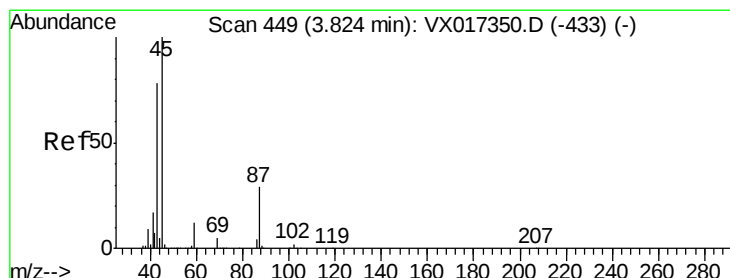
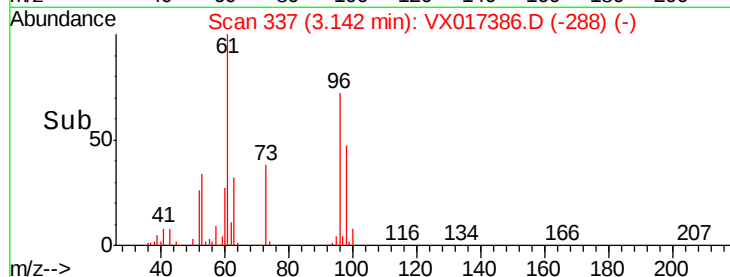
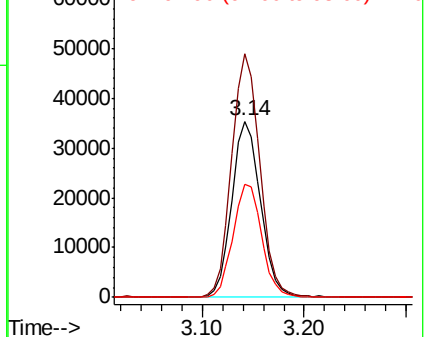
96 100

61 137.7 111.1 166.7

98 64.3 51.4 77.0



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: 22.865 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Tgt Ion: 45 Resp: 217968

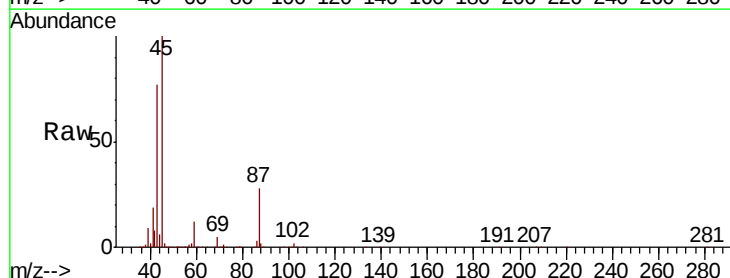
Ion Ratio Lower Upper

45 100

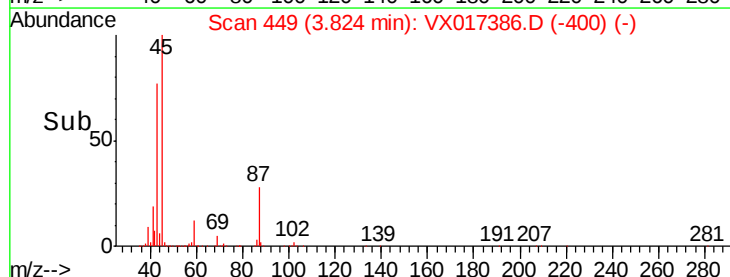
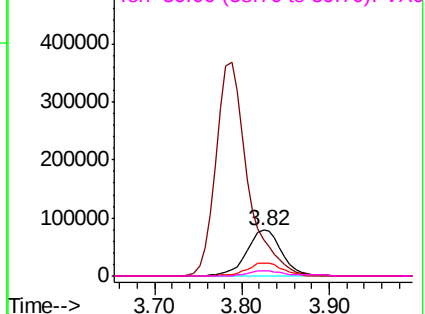
43 76.5 62.2 93.2

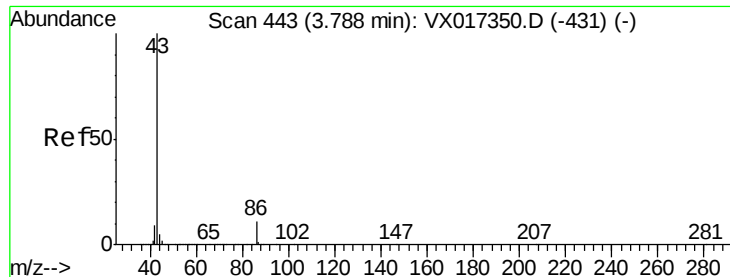
87 28.3 23.0 34.6

59 11.7 9.6 14.4



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: 110.862 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

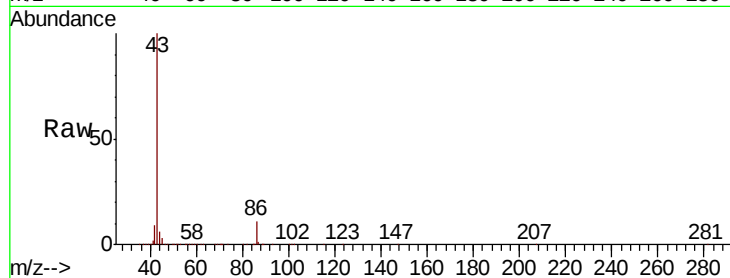
VX0716WBS01

Tot Ion: 43 Resp: 929452

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

400000

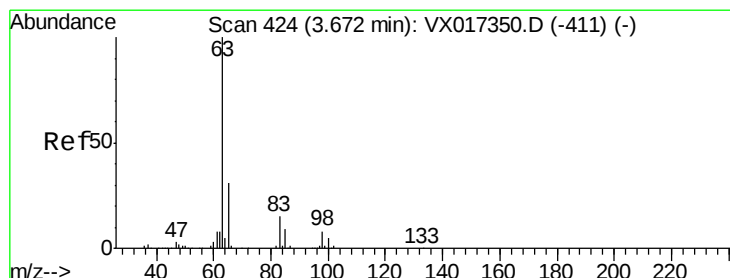
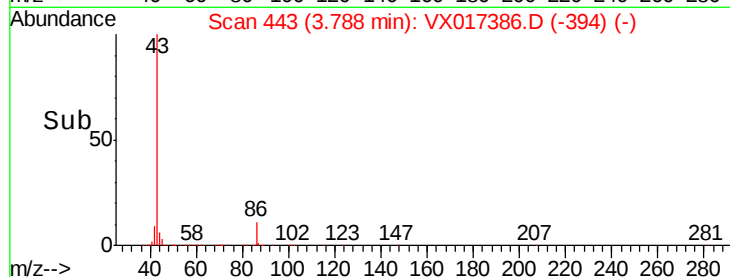
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.750 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

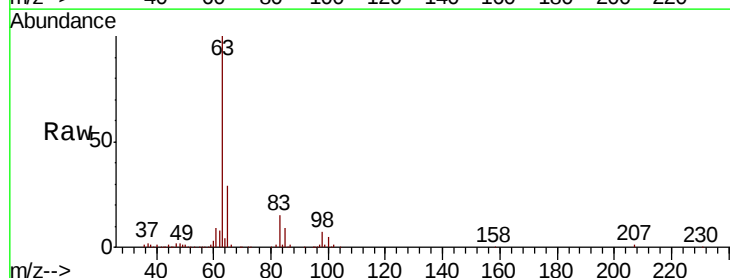
Tgt Ion: 63 Resp: 121854

Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.5

100 4.9 2.5 7.5



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

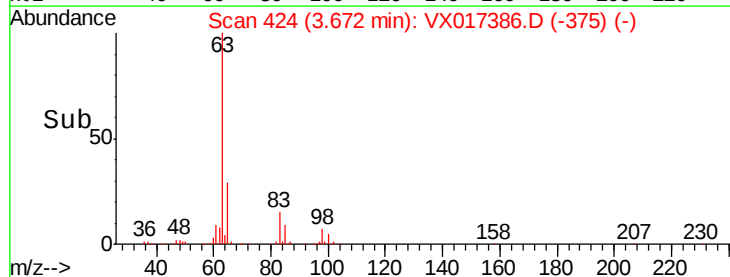
60000

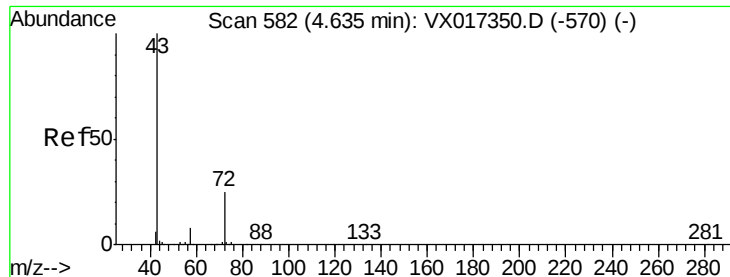
40000

20000

0

Time-->

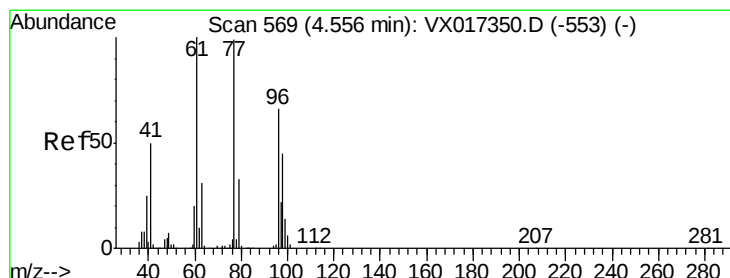
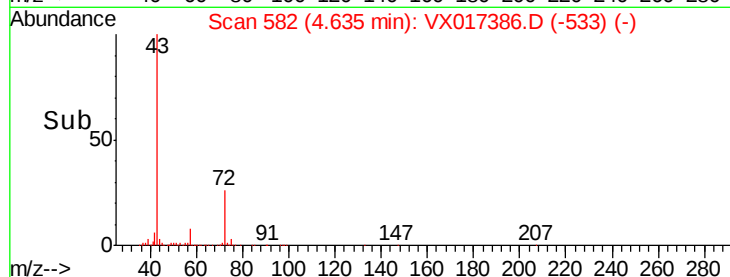
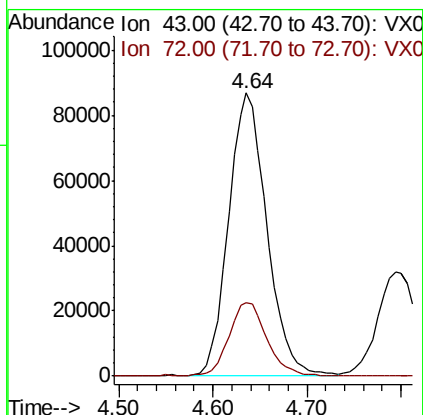
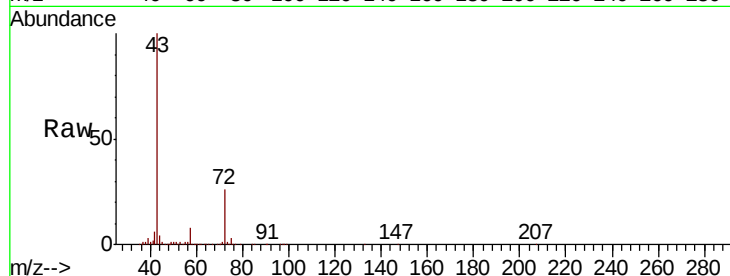




#25
2-Butanone
Concen: 108.007 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

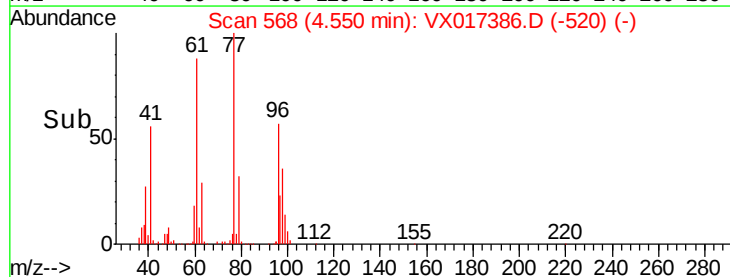
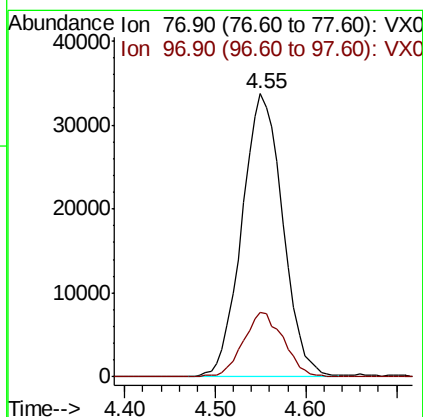
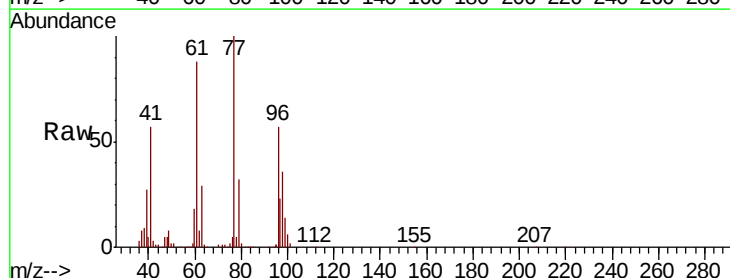
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBS01

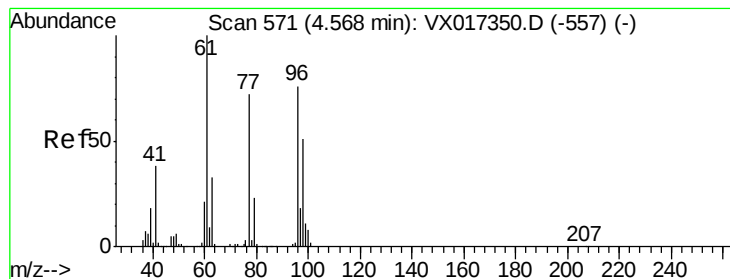
Tot Ion: 43 Resp: 243782
Ion Ratio Lower Upper
43 100
72 25.9 20.4 30.6



#26
2,2-Dichloropropane
Concen: 20.145 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Tgt Ion: 77 Resp: 105039
Ion Ratio Lower Upper
77 100
97 22.6 11.1 33.3



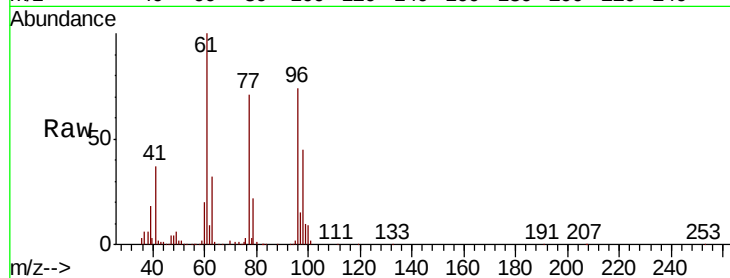


#27

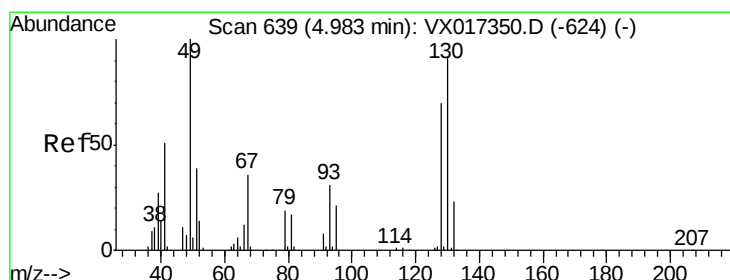
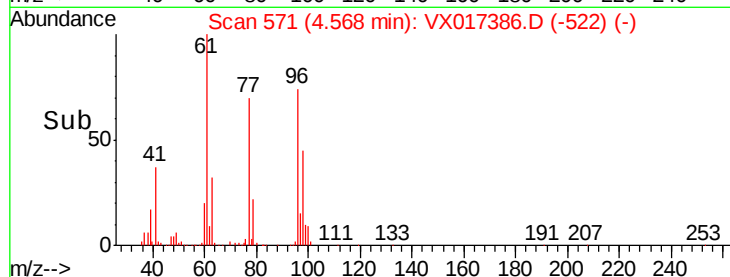
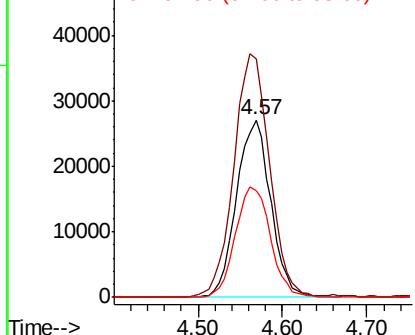
cis-1,2-Dichloroethene
Concen: 20.552 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBS01

Tot Ion: 96 Resp: 74476
Ion Ratio Lower Upper
96 100
61 142.9 0.0 281.2
98 63.9 0.0 131.4



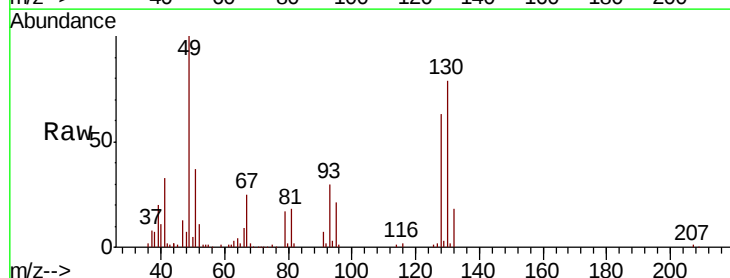
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



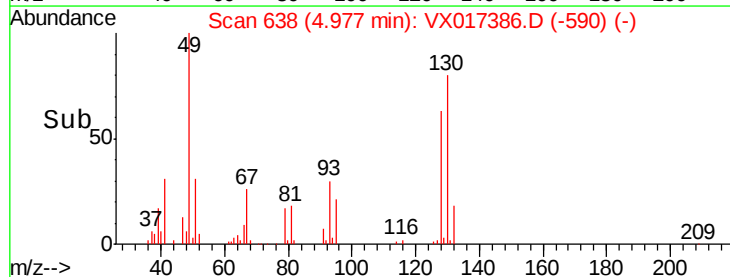
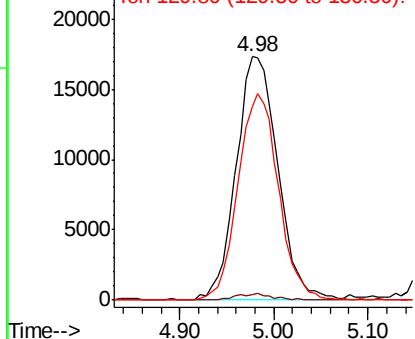
#28

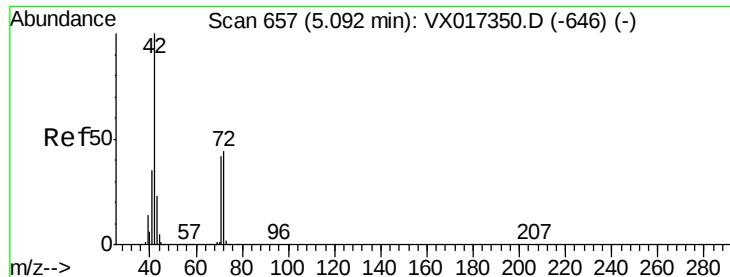
Bromochloromethane
Concen: 20.736 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Tgt Ion: 49 Resp: 53668
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 82.3 71.1 106.7



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: 109.258 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBS01

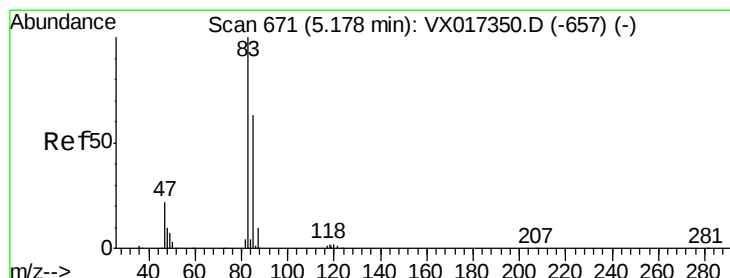
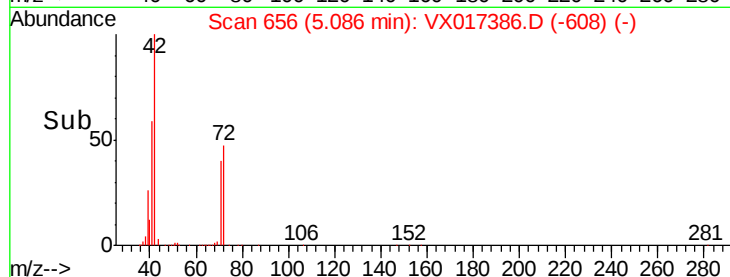
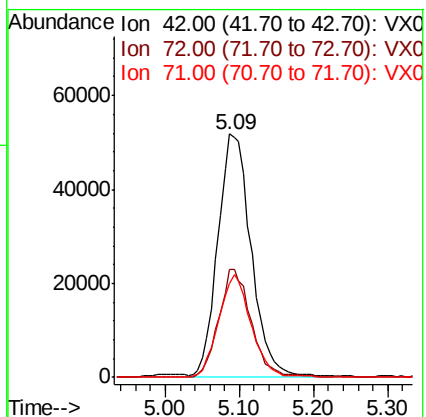
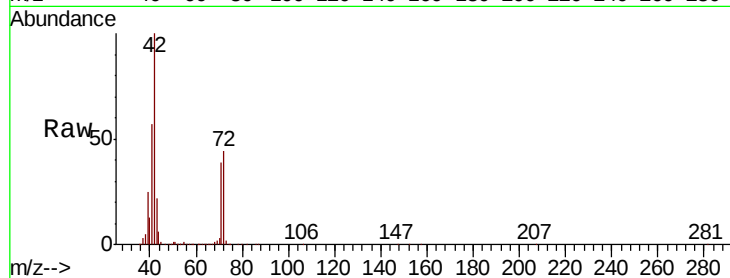
Tot Ion: 42 Resp: 159632

Ion Ratio Lower Upper

42 100

72 43.9 37.2 55.8

71 41.5 34.4 51.6



#30

Chloroform

Concen: 20.972 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017386.D

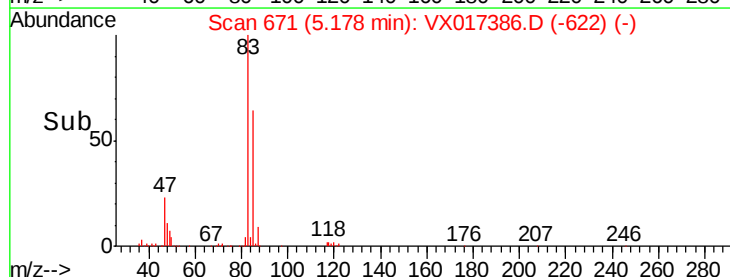
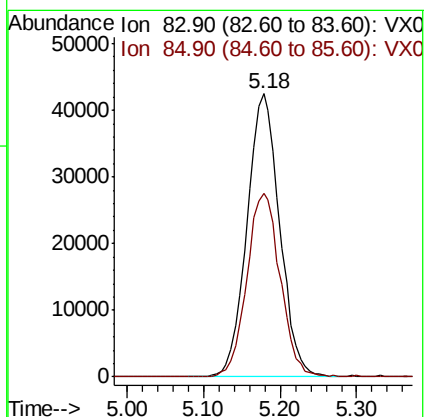
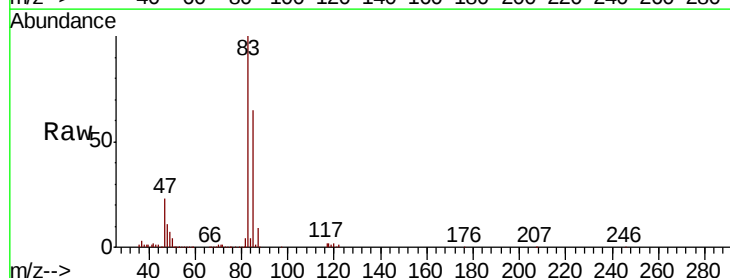
Acq: 16 Jul 2020 13:03

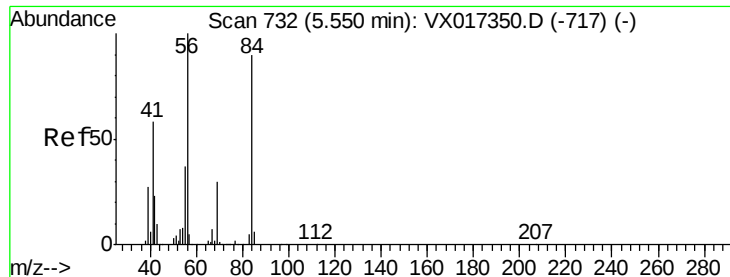
Tgt Ion: 83 Resp: 126414

Ion Ratio Lower Upper

83 100

85 65.0 50.2 75.4

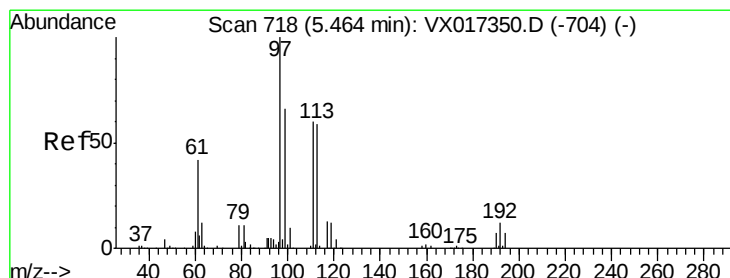
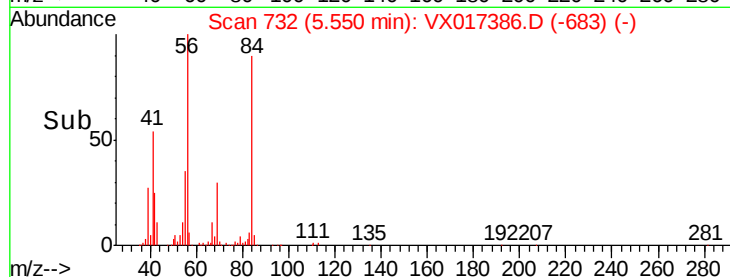
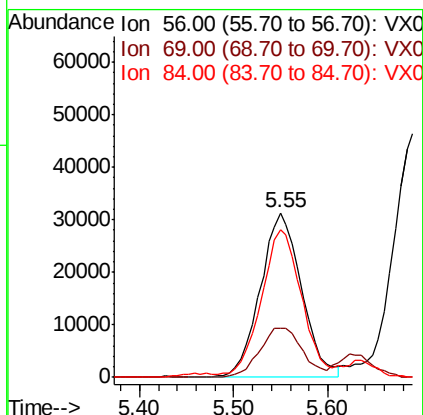
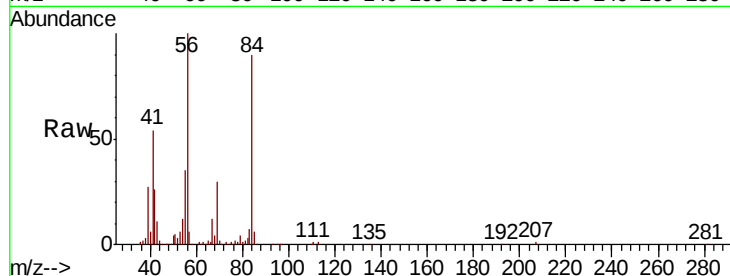




#31
Cyclohexane
Concen: 20.960 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

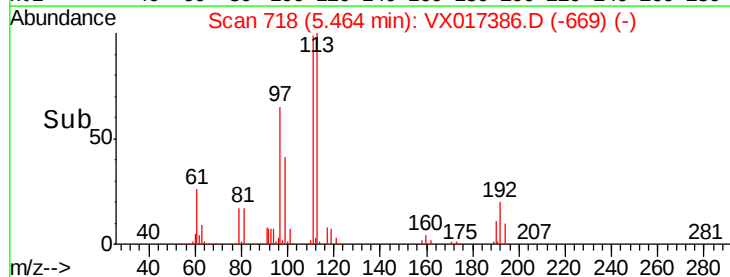
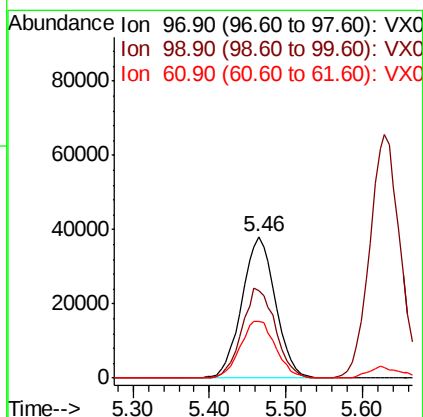
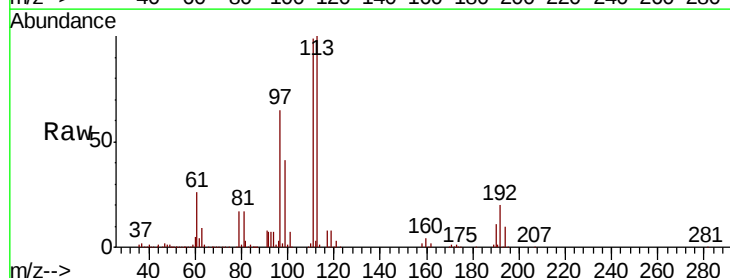
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBS01

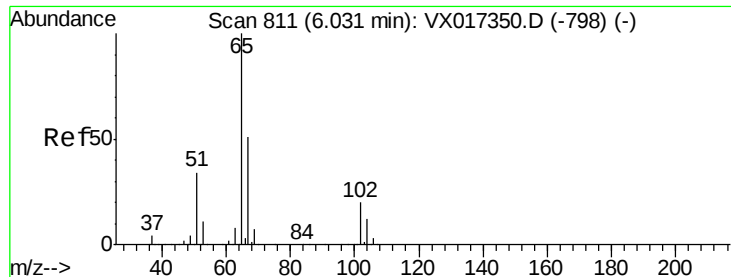
Tot Ion: 56 Resp: 96134
Ion Ratio Lower Upper
56 100
69 30.0 23.7 35.5
84 88.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.757 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Tgt Ion: 97 Resp: 115666
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 43.3 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 49.383 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

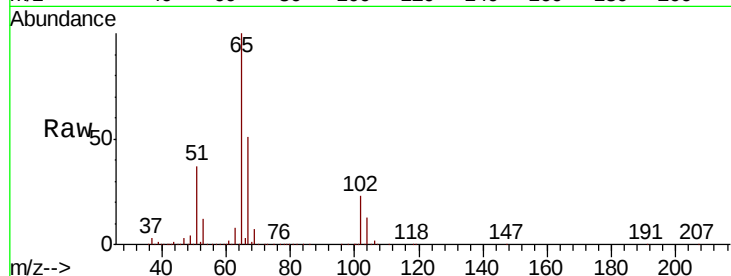
VX0716WBS01

Tot Ion: 65 Resp: 196707

Ion Ratio Lower Upper

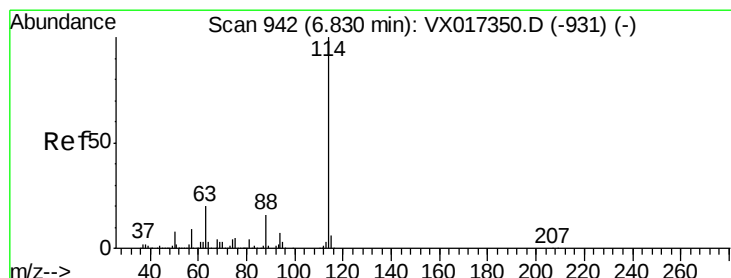
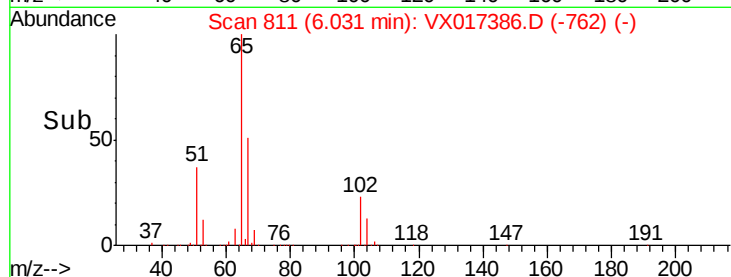
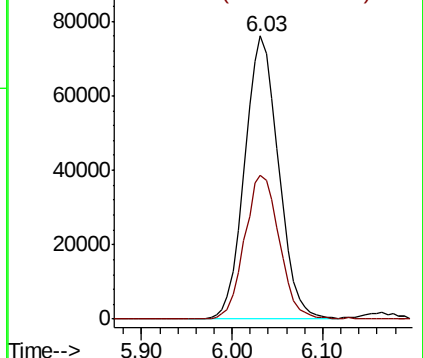
65 100

67 52.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

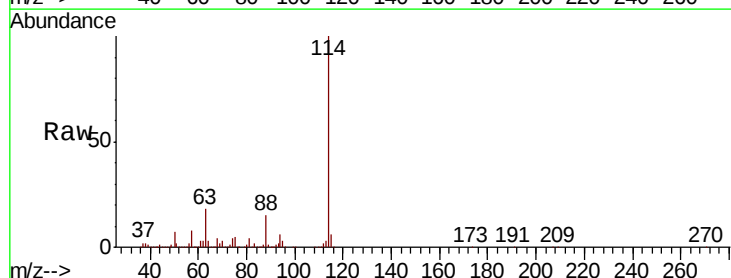
Tgt Ion: 114 Resp: 490236

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

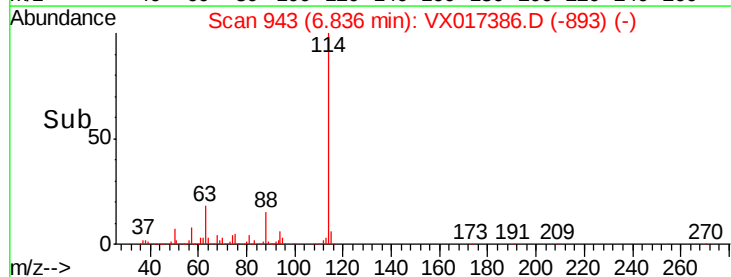
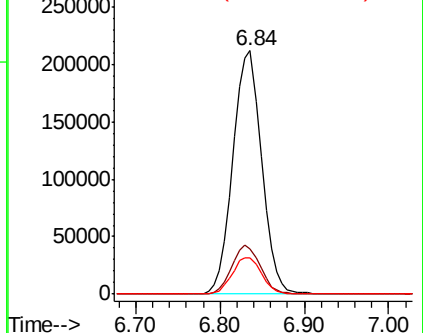
88 14.8 0.0 32.8

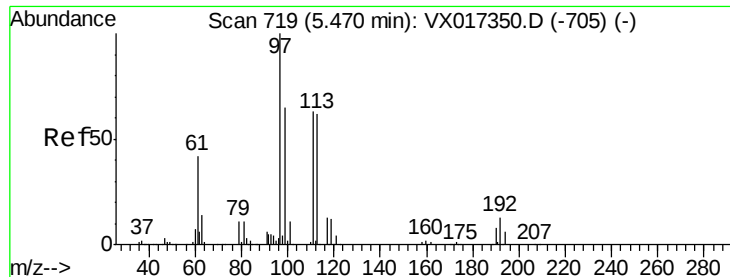


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

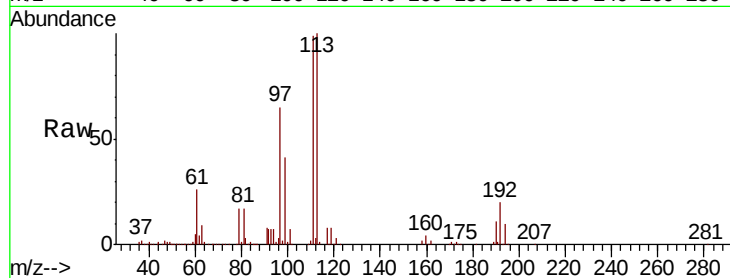




#35
 Dibromofluoromethane
 Concen: 50.063 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.4	123.6
192	20.4	17.2	25.8

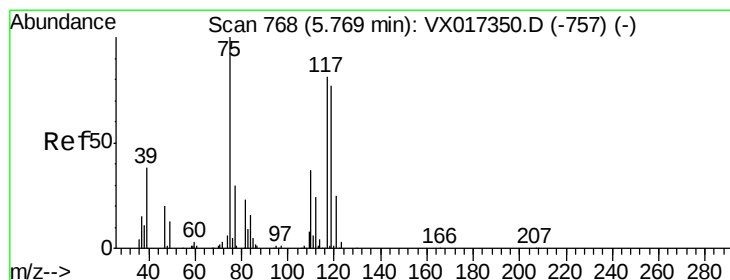
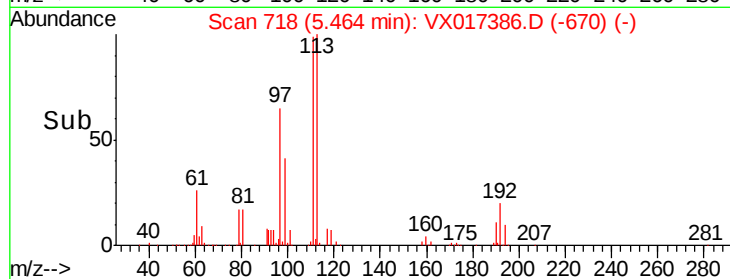
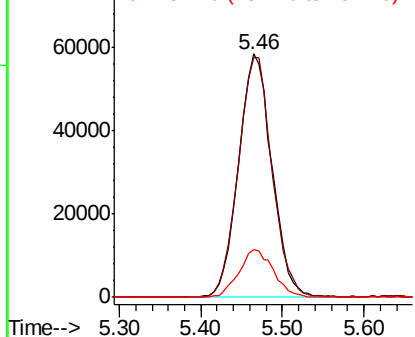


Abundance

Ion 112.80 (112.50 to 113.50): V

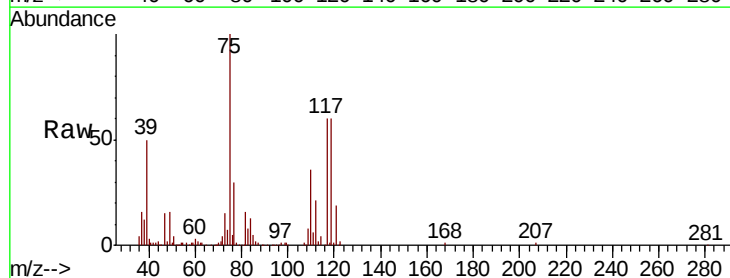
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 19.888 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.6	55.8
77	32.0	24.9	37.3

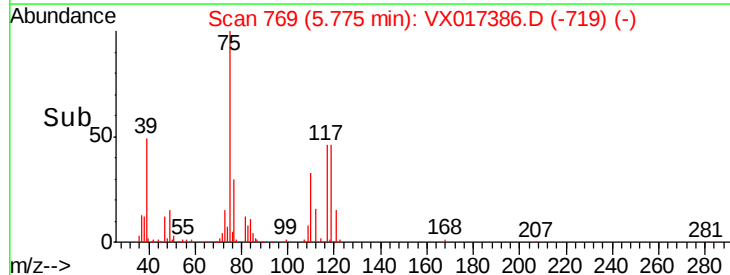
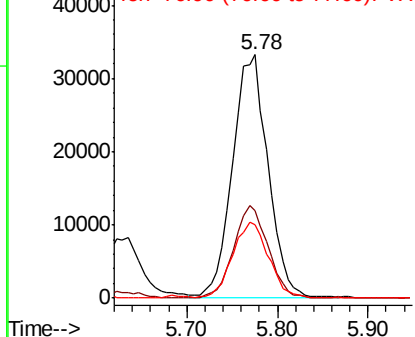


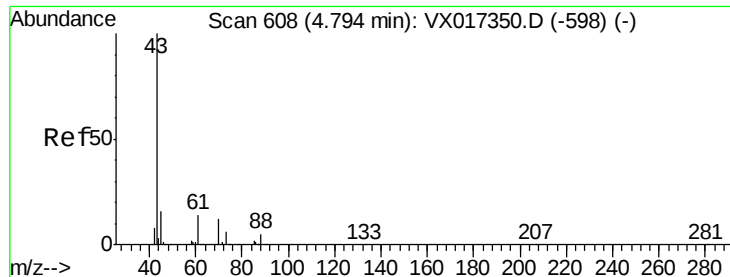
Abundance

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

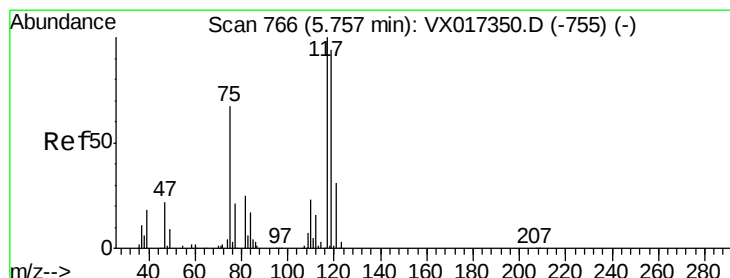
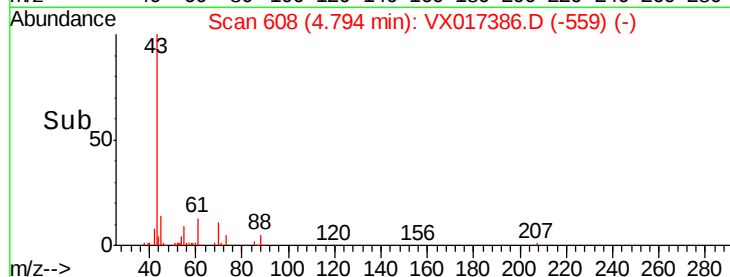
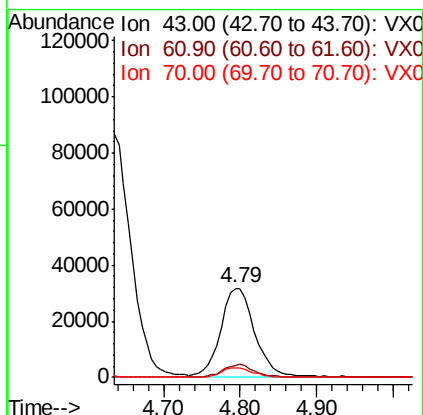
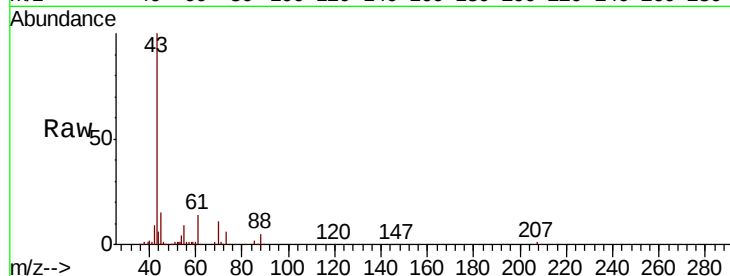




#37
Ethyl Acetate
Concen: 20.650 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

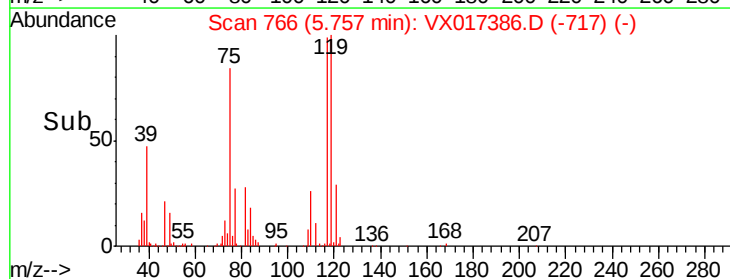
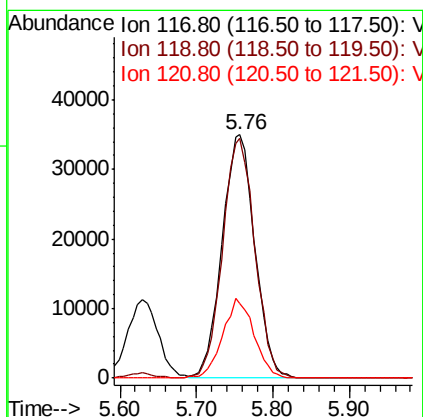
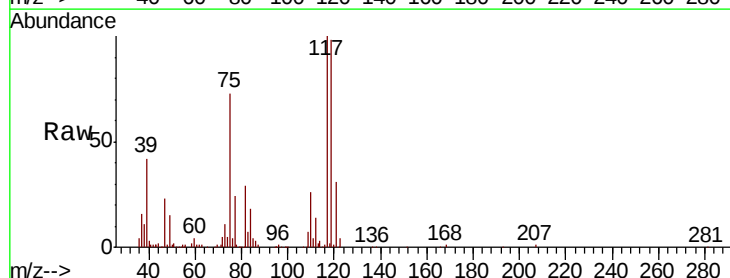
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBS01

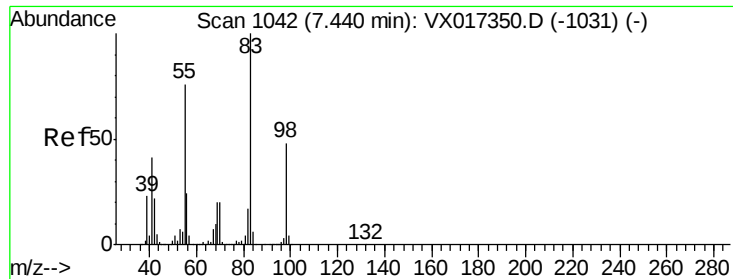
Tot Ion: 43 Resp: 96300
Ion Ratio Lower Upper
43 100
61 12.9 10.7 16.1
70 10.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.607 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Tgt Ion: 117 Resp: 103517
Ion Ratio Lower Upper
117 100
119 98.4 74.7 112.1
121 30.5 24.5 36.7

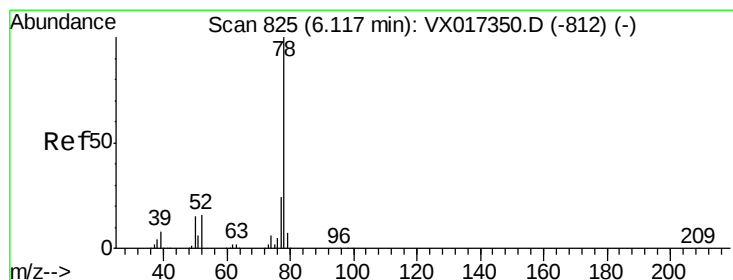
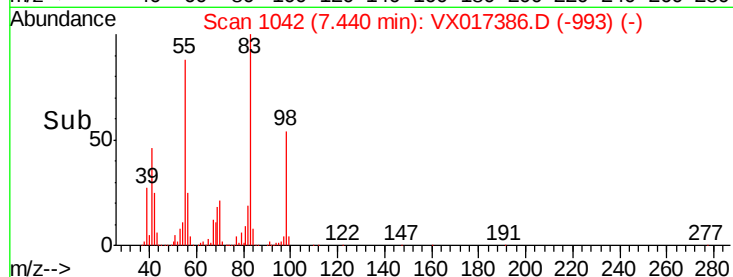
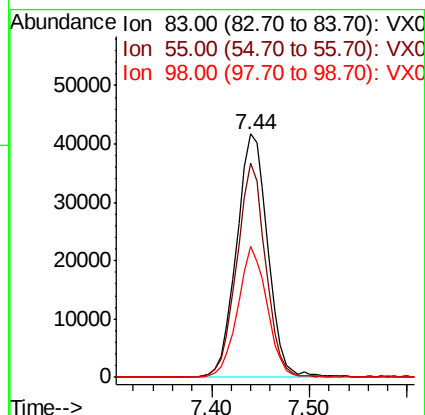
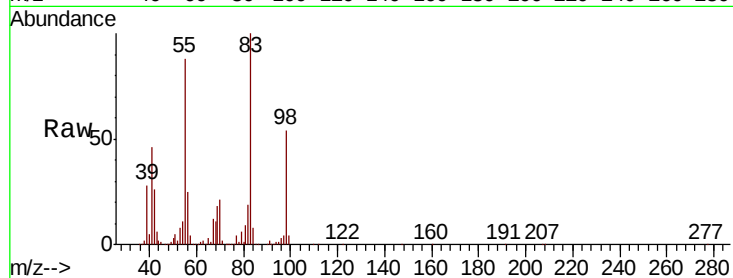




#39
Methvlcvclohexane
Concen: 18.864 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

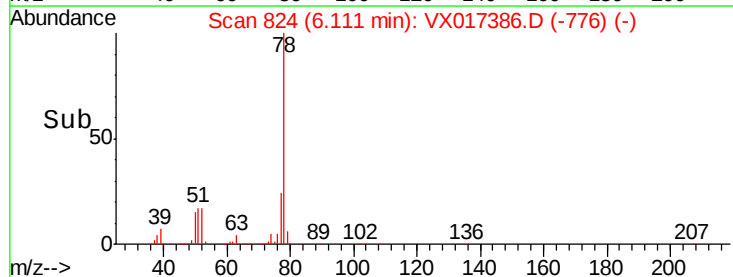
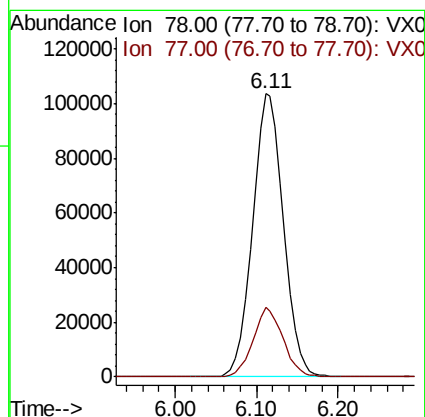
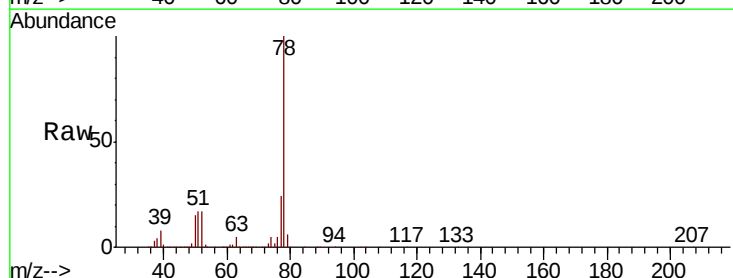
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBS01

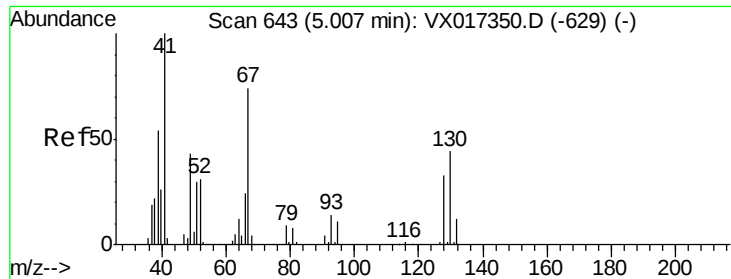
Tot Ion: 83 Resp: 92375
Ion Ratio Lower Upper
83 100
55 87.6 61.2 91.8
98 54.0 38.1 57.1



#40
Benzene
Concen: 21.033 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Tgt Ion: 78 Resp: 272570
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3

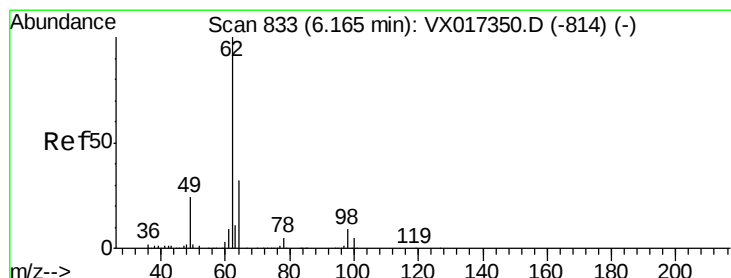
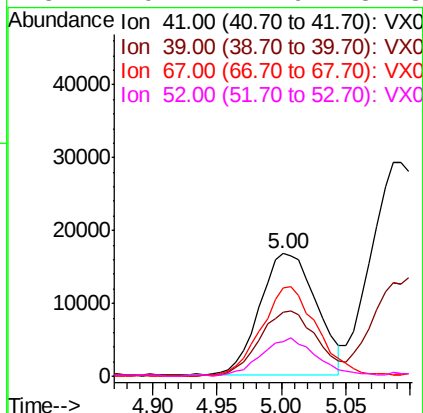
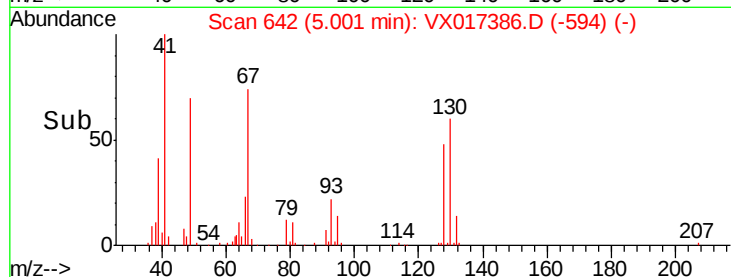
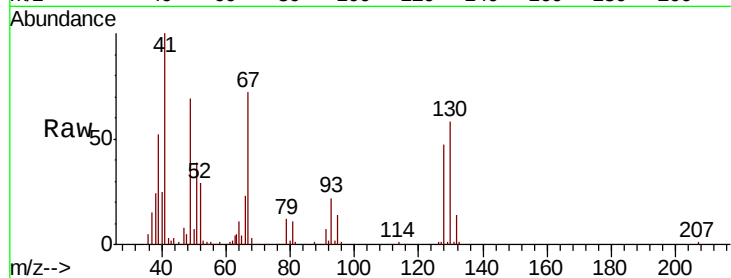




#41
Methacrylonitrile
Concen: 20.560 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

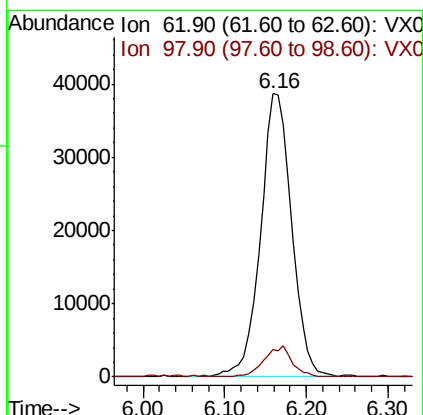
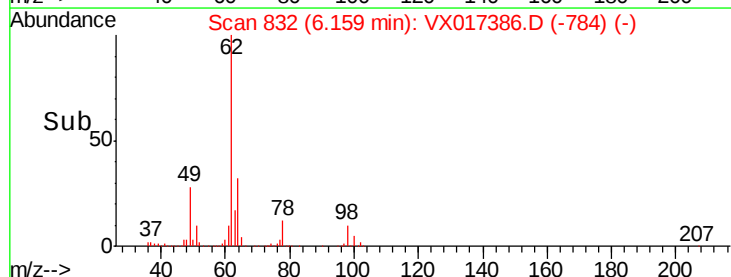
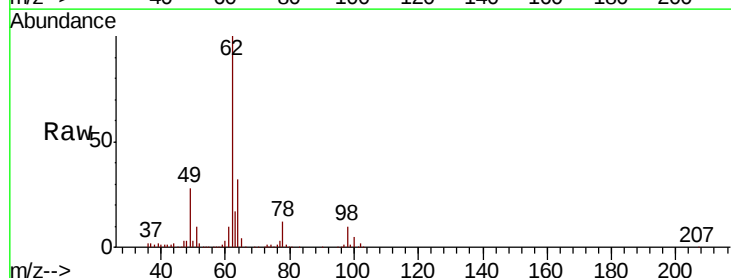
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBS01

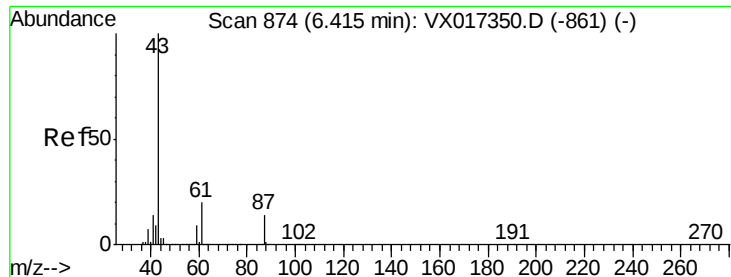
Tot Ion:	41	Resp:	51473
Ion	Ratio	Lower	Upper
41	100		
39	55.0	43.8	65.8
67	72.6	58.7	88.1
52	29.7	24.9	37.3



#42
1,2-Dichloroethane
Concen: 20.167 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Tgt Ion:	62	Resp:	101542
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4



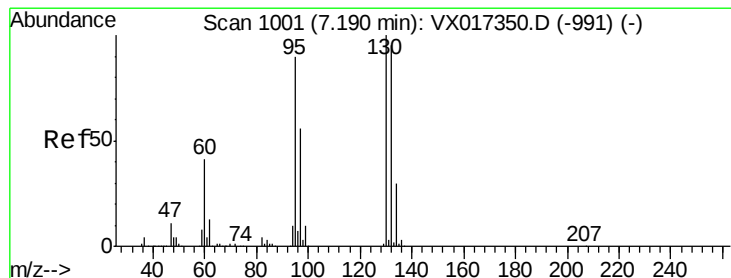
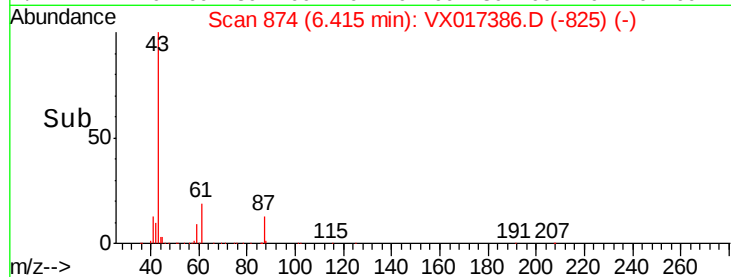
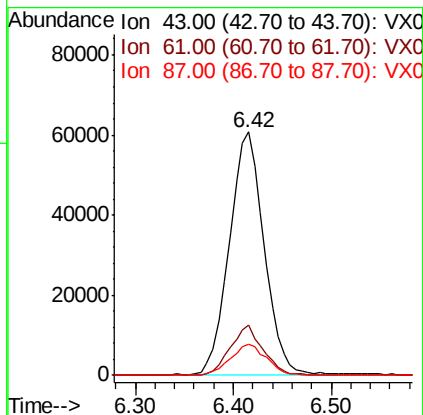
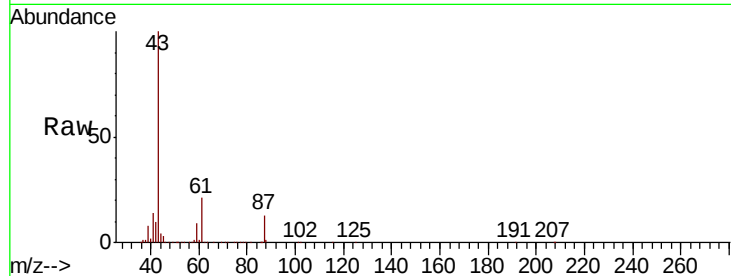


#43

Isopropyl Acetate
 Concen: 19.989 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

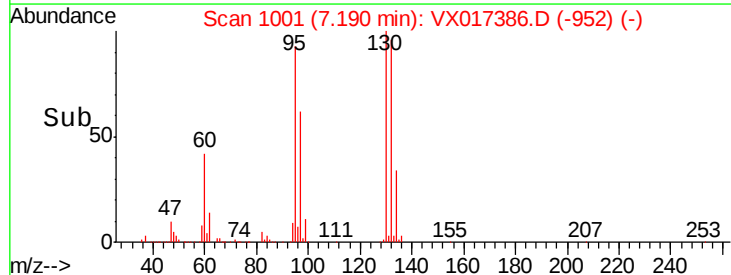
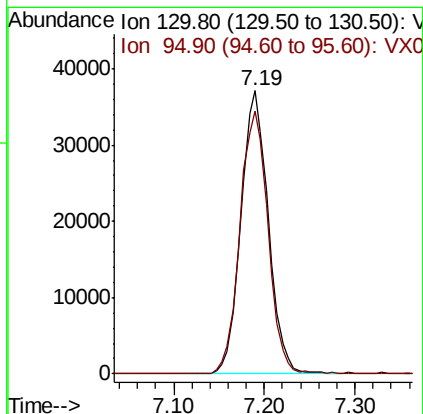
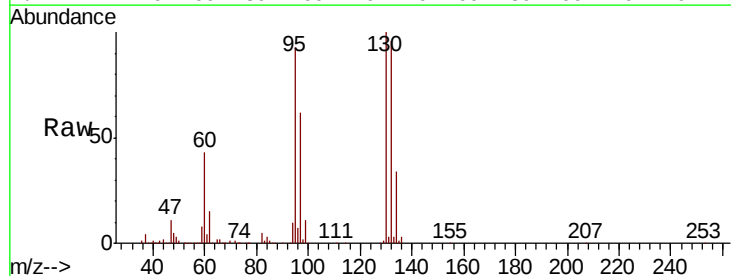
Tot Ion	43	Resp	148947
Ion Ratio	Lower	Upper	
43	100		
61	19.6	16.4	24.6
87	13.3	11.2	16.8

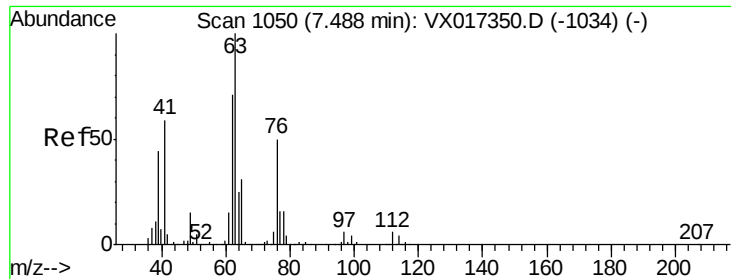


#44

Trichloroethene
 Concen: 19.585 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Tgt Ion	130	Resp	77527
Ion Ratio	Lower	Upper	
130	100		
95	93.1	0.0	180.2

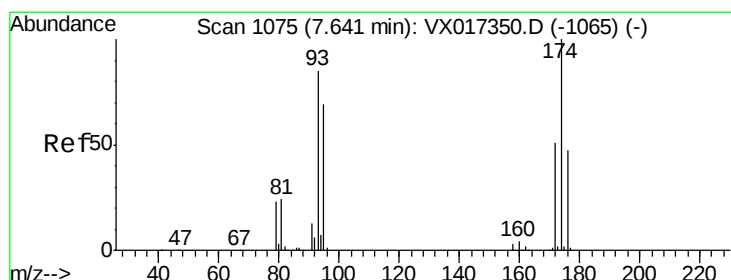
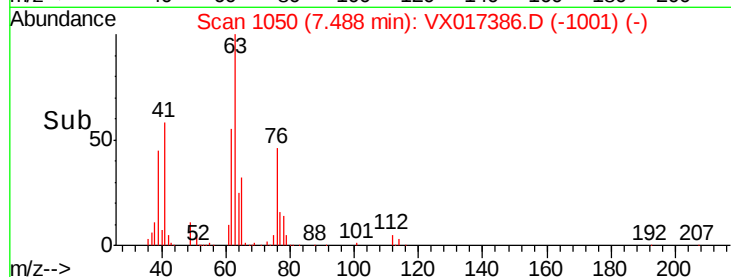
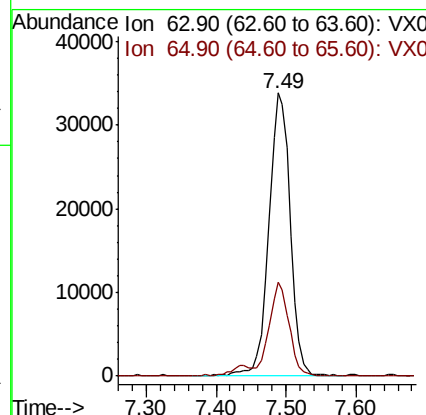
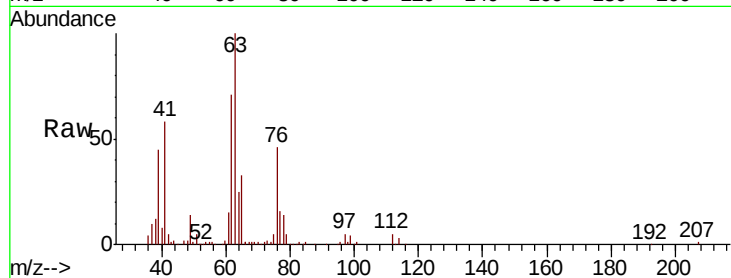




#45
 1,2-Dichloropropane
 Concen: 21.773 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

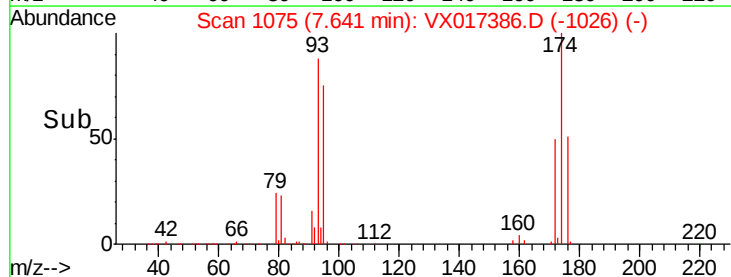
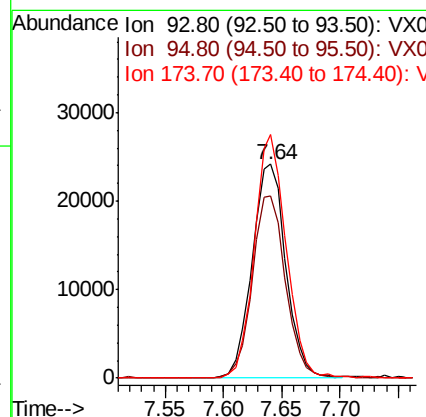
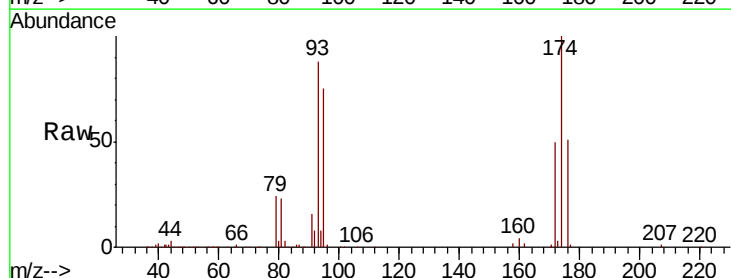
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

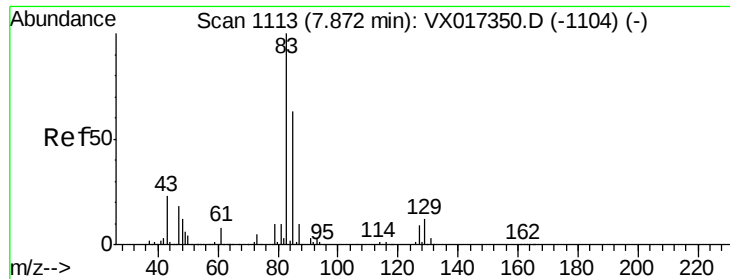
Tot Ion: 63 Resp: 72199
 Ion Ratio Lower Upper
 63 100
 65 33.1 24.5 36.7



#46
 Dibromomethane
 Concen: 20.423 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Tgt Ion: 93 Resp: 48841
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.4 98.2
 174 107.6 91.2 136.8





#47

Bromodichloromethane

Concen: 20.480 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBS01

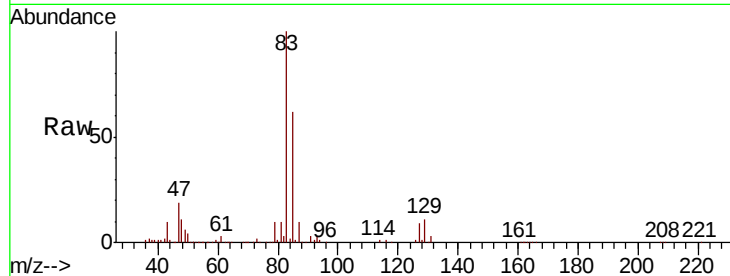
Tot Ion: 83 Resp: 102397

Ion Ratio Lower Upper

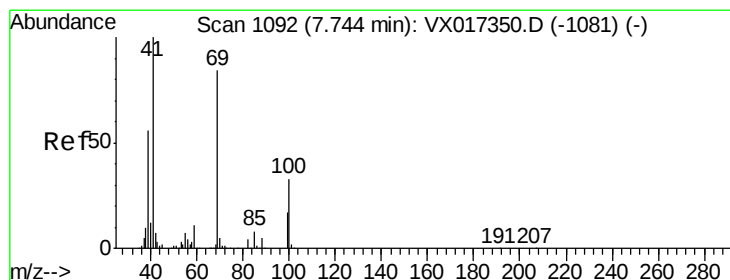
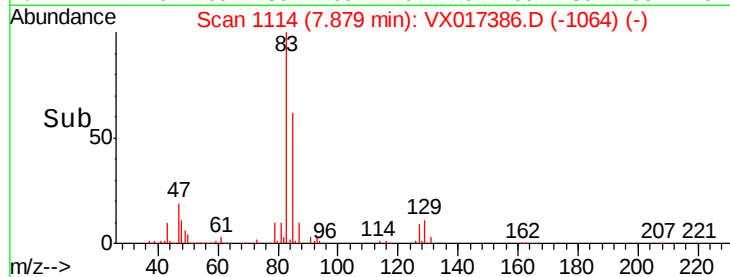
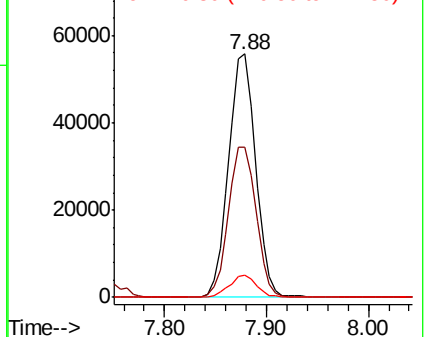
83 100

85 61.7 50.2 75.4

127 9.2 7.1 10.7



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: 20.195 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

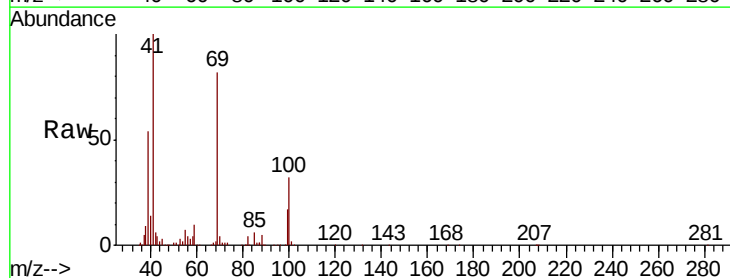
Tgt Ion: 41 Resp: 72215

Ion Ratio Lower Upper

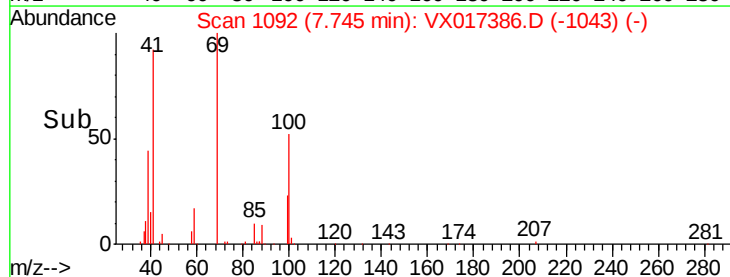
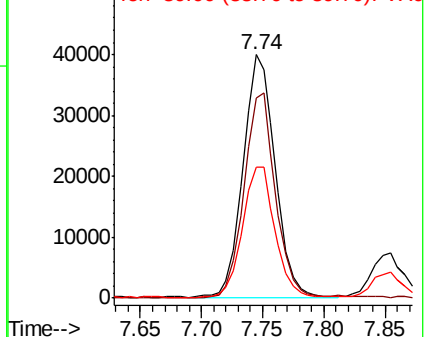
41 100

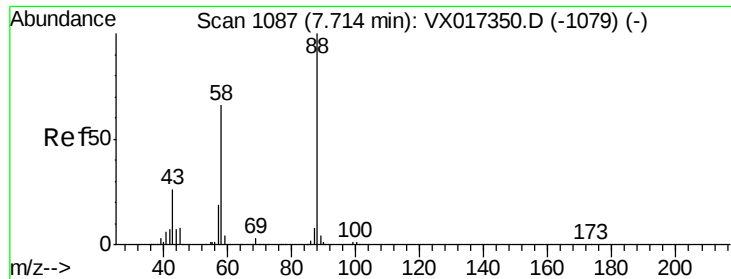
69 83.9 67.8 101.6

39 55.2 45.1 67.7



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

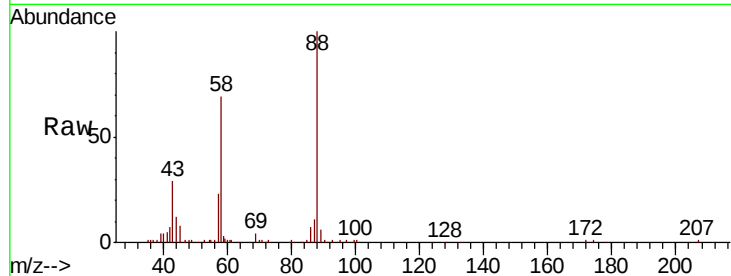




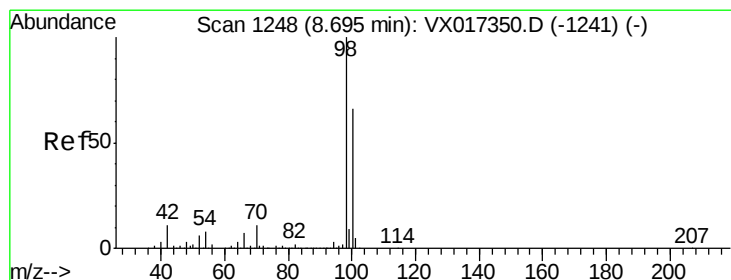
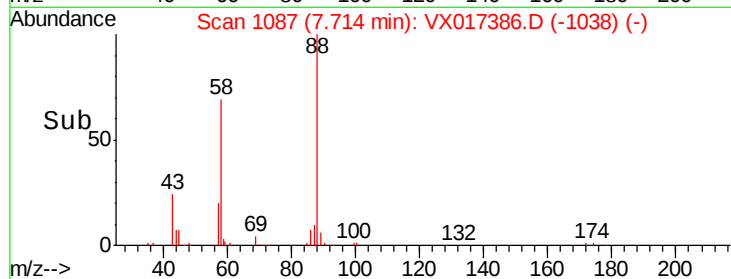
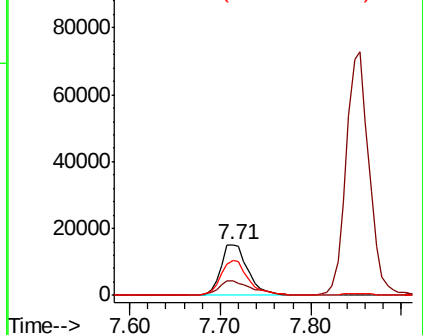
#49
1,4-Dioxane
Concen: 435.234 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBS01

Tot Ion: 88 Resp: 31849
Ion Ratio Lower Upper
88 100
43 35.1 25.6 38.4
58 69.2 53.9 80.9

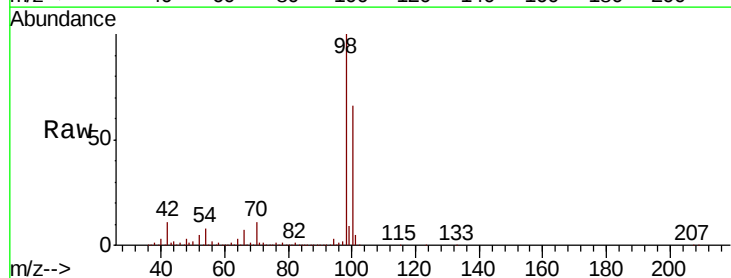


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

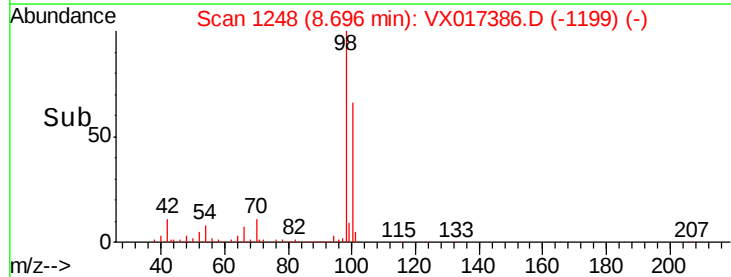
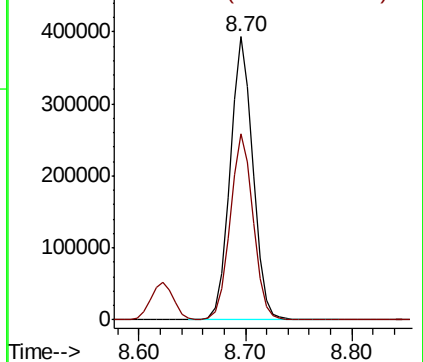


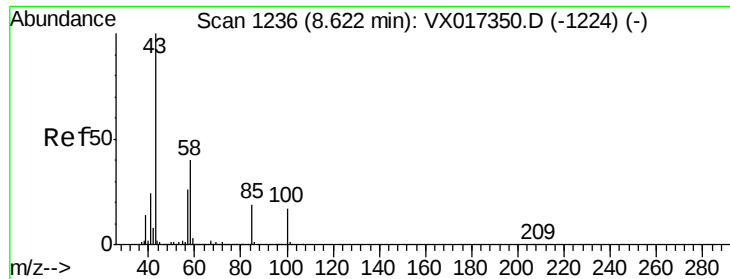
#50
Toluene-d8
Concen: 49.426 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Tgt Ion: 98 Resp: 588753
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2



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: 108.100 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

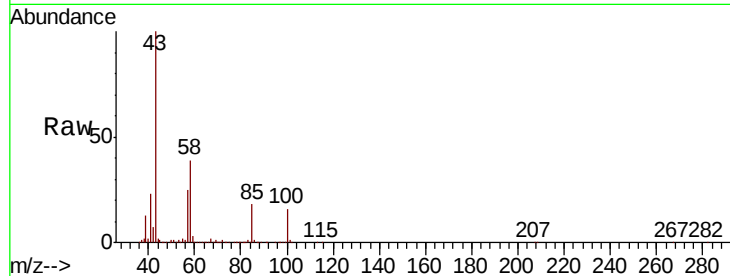
VX0716WBS01

Tot Ion: 43 Resp: 491162

Ion Ratio Lower Upper

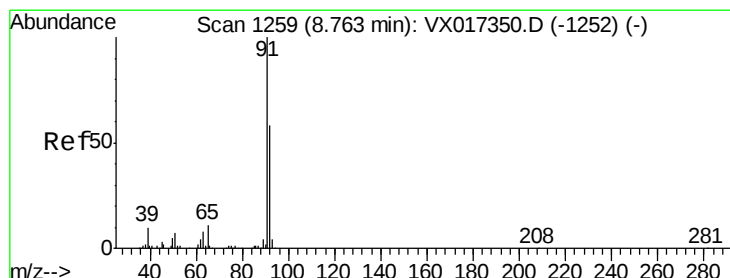
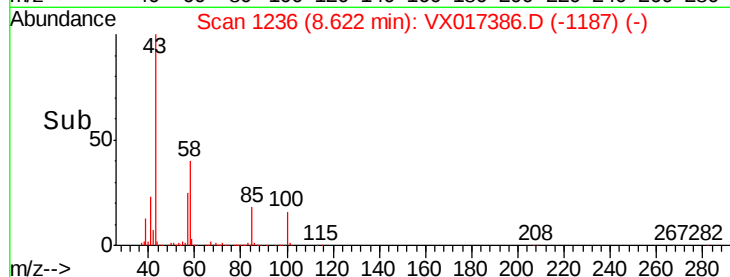
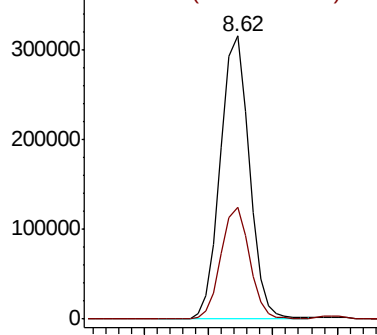
43 100

58 38.9 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.566 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017386.D

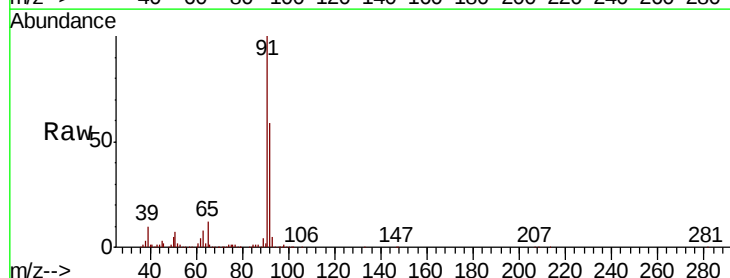
Acq: 16 Jul 2020 13:03

Tgt Ion: 92 Resp: 171032

Ion Ratio Lower Upper

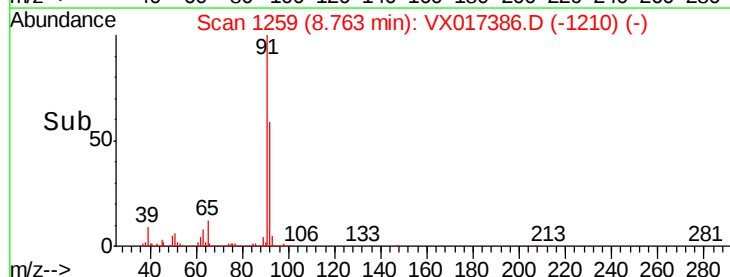
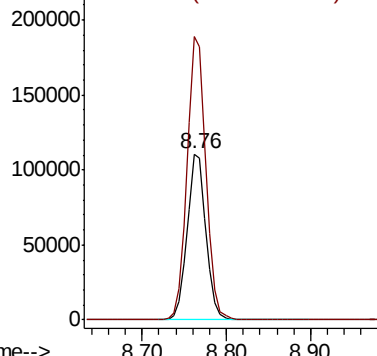
92 100

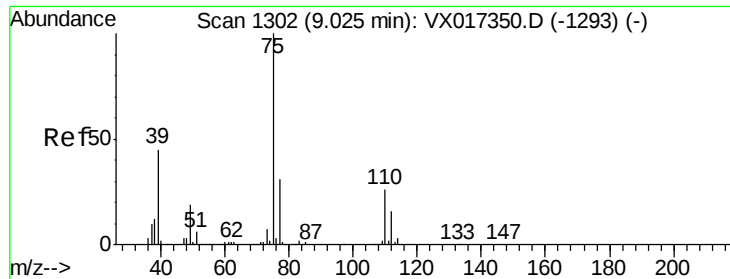
91 171.5 136.7 205.1



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: 19.471 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

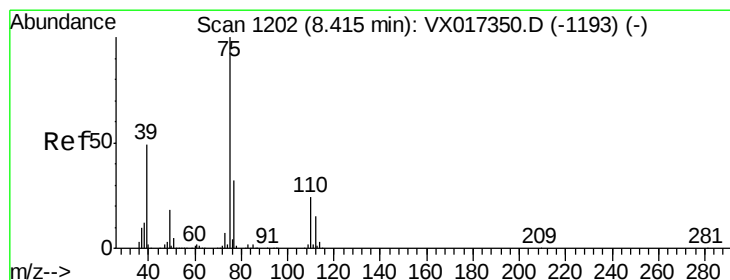
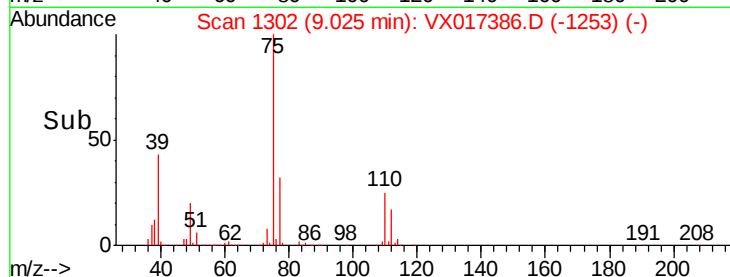
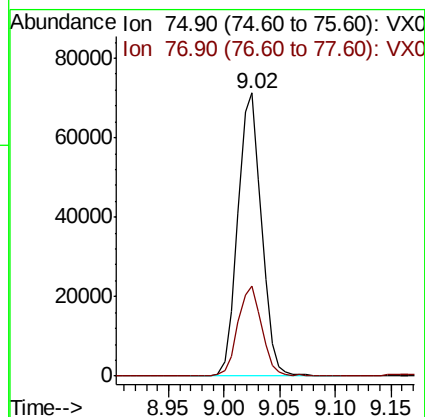
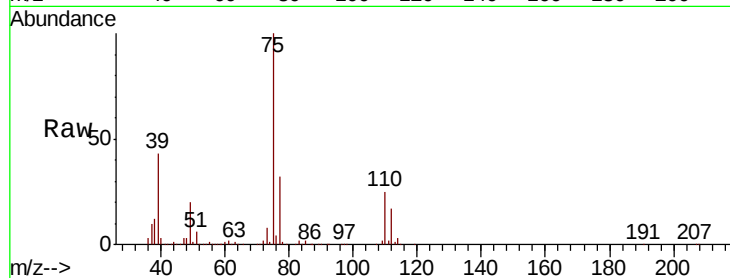
VX0716WBS01

Tot Ion: 75 Resp: 104875

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.168 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

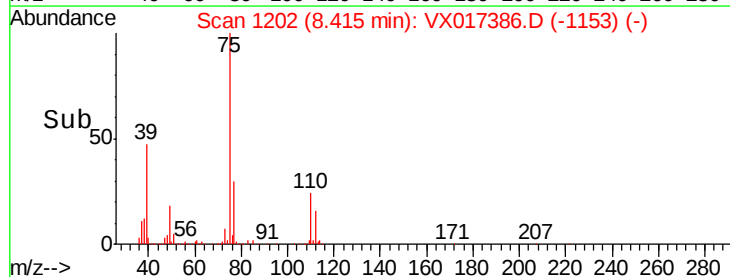
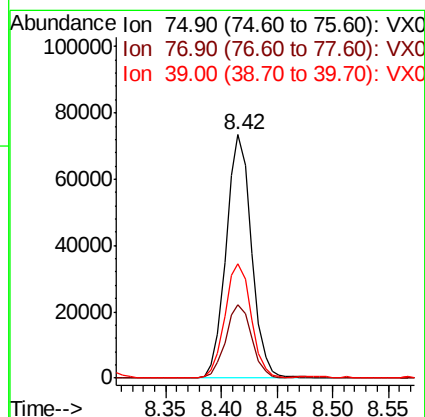
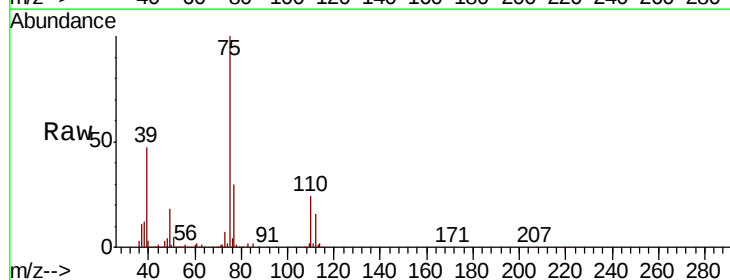
Tgt Ion: 75 Resp: 115862

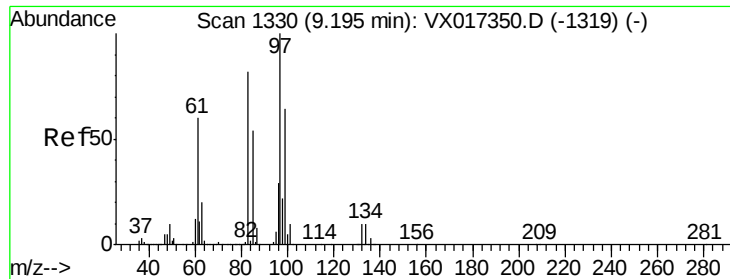
Ion Ratio Lower Upper

75 100

77 30.0 25.3 37.9

39 46.8 38.9 58.3

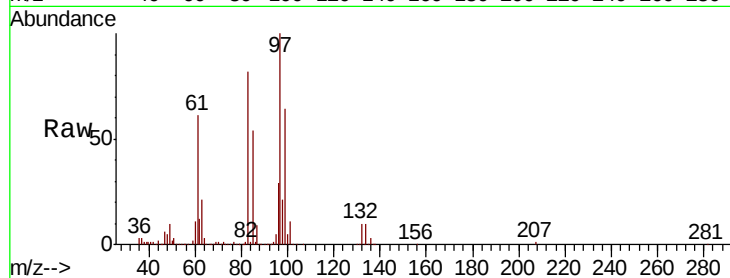




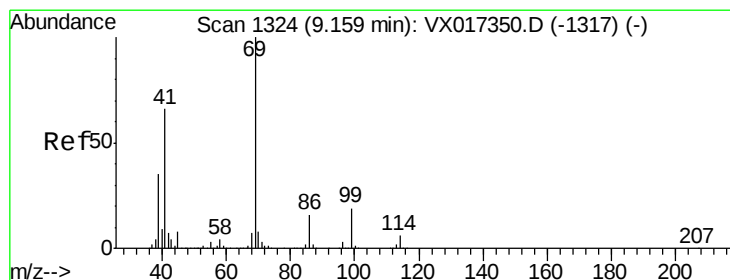
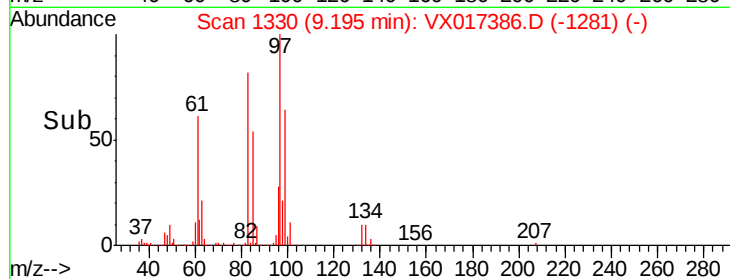
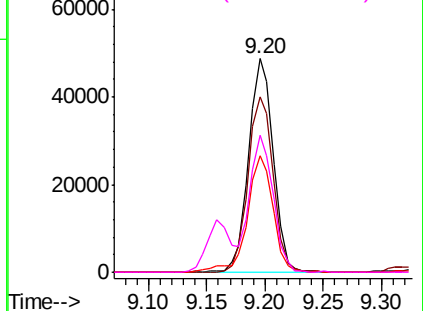
#55
 1,1,2-Trichloroethane
 Concen: 20.904 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

Tot Ion:	97	Resp:	72490
Ion	Ratio	Lower	Upper
97	100		
83	81.8	65.8	98.6
85	54.4	42.8	64.2
99	64.0	51.2	76.8

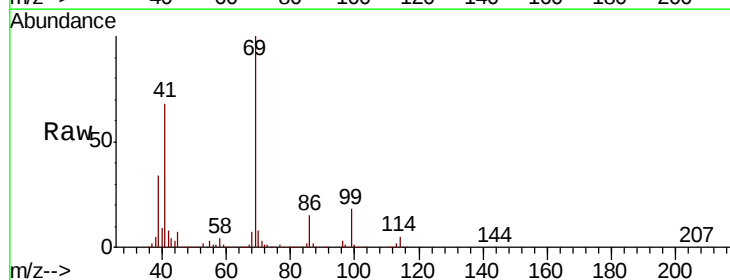


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

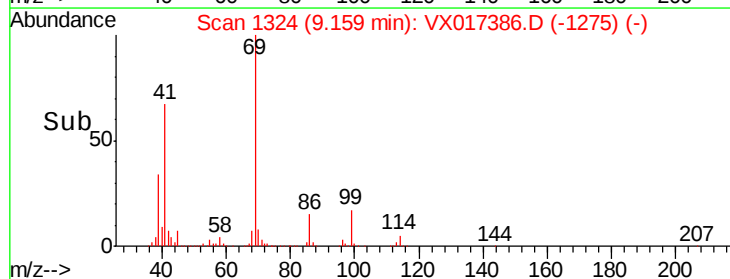
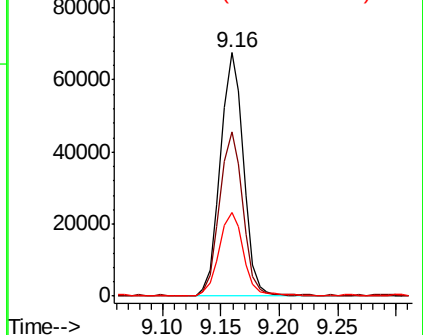


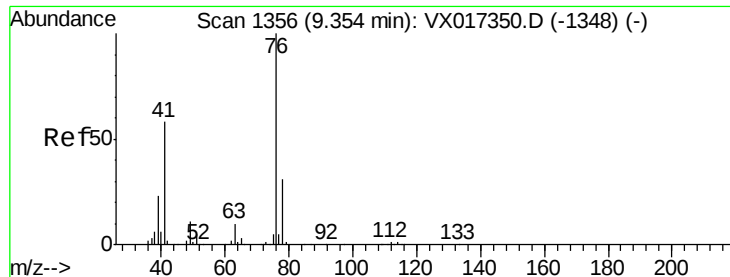
#56
 Ethyl methacrylate
 Concen: 18.923 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Tgt Ion:	69	Resp:	93165
Ion	Ratio	Lower	Upper
69	100		
41	67.3	52.6	78.8
39	35.6	28.8	43.2



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: 20.468 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

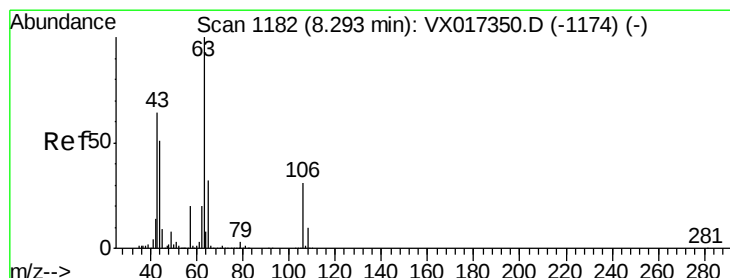
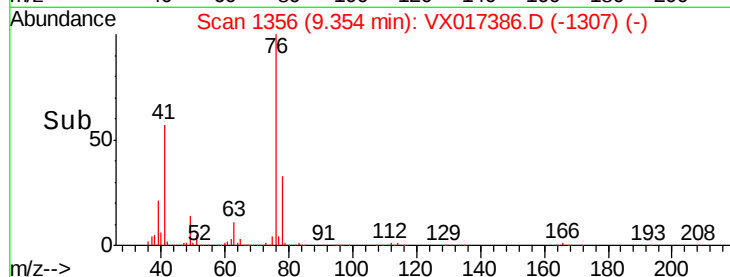
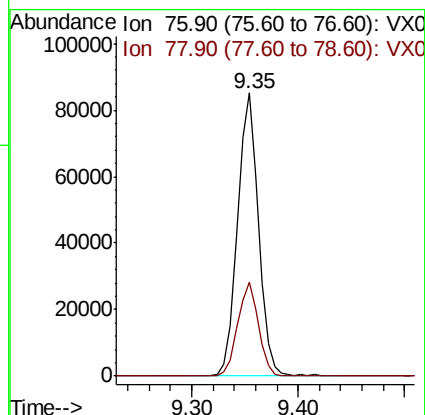
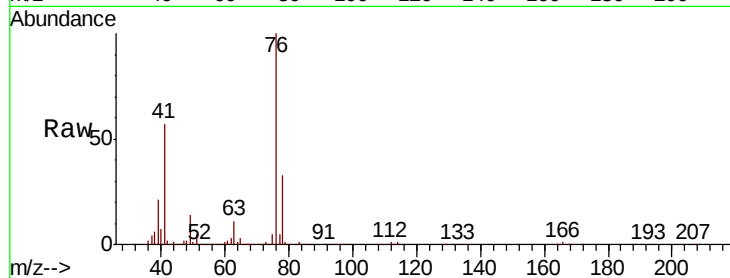
VX0716WBS01

Tot Ion: 76 Resp: 118070

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.979 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017386.D

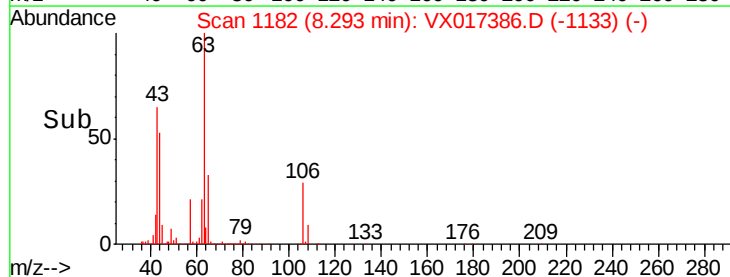
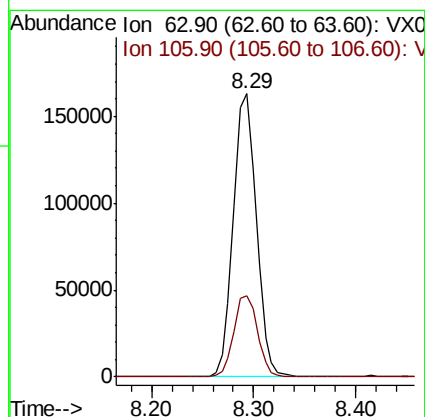
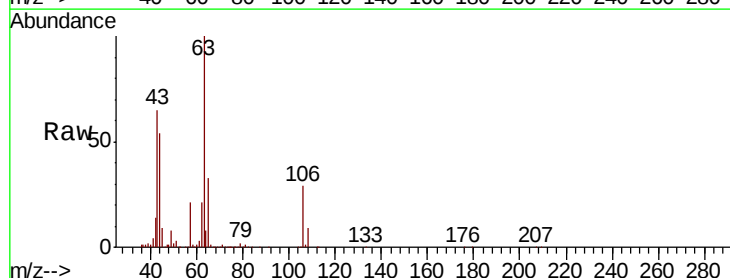
Acq: 16 Jul 2020 13:03

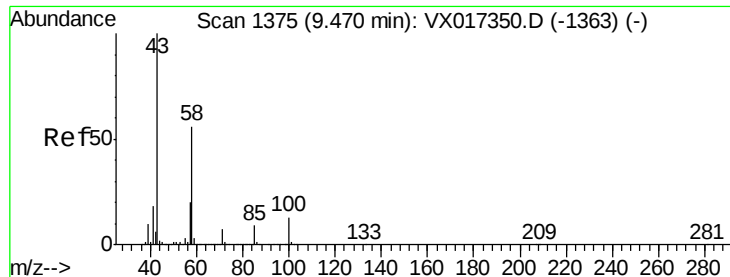
Tgt Ion: 63 Resp: 254929

Ion Ratio Lower Upper

63 100

106 29.4 24.8 37.2

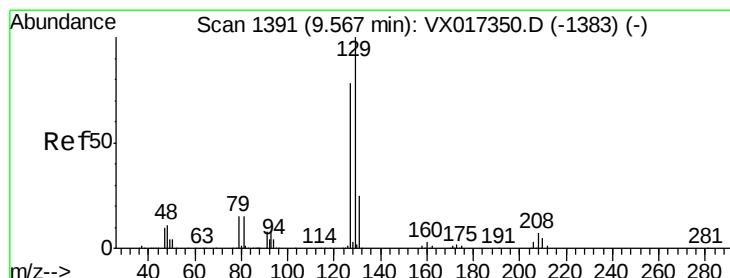
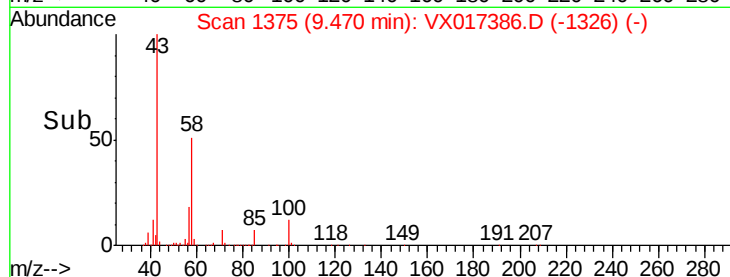
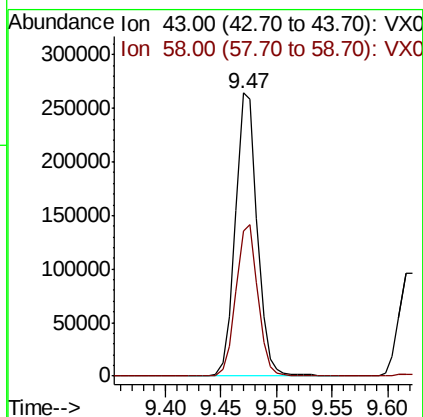
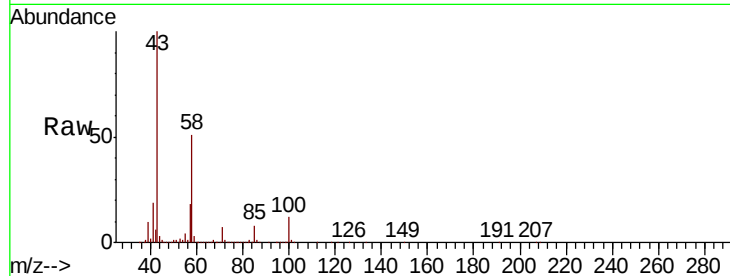




#59
2-Hexanone
Concen: 104.712 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

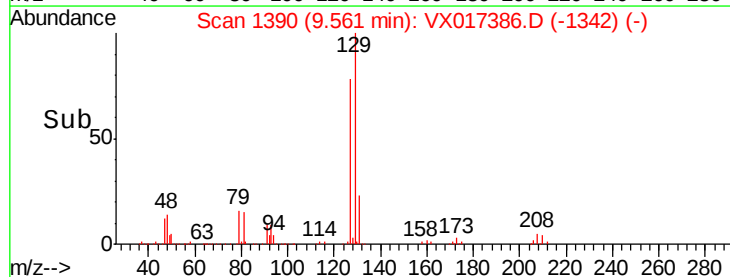
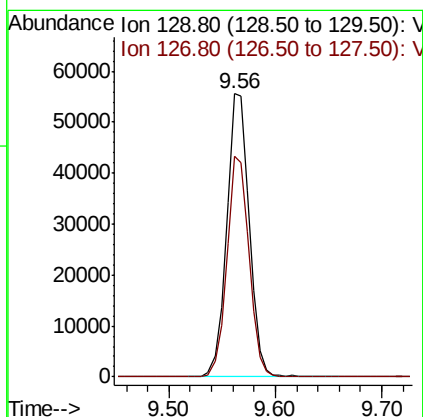
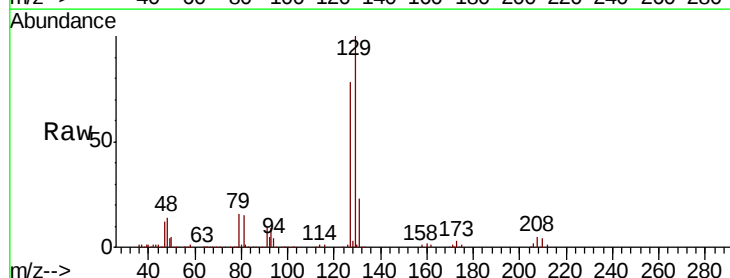
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBS01

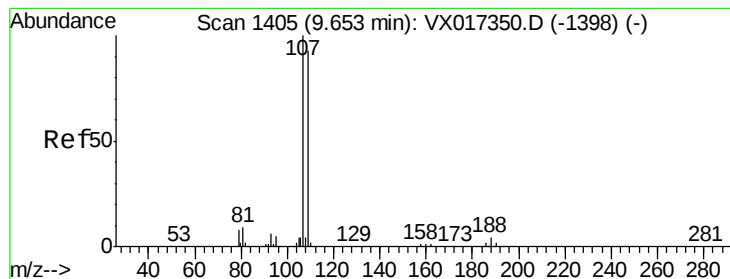
Tot Ion: 43 Resp: 359089
Ion Ratio Lower Upper
43 100
58 54.0 28.1 84.3



#60
Dibromochloromethane
Concen: 19.428 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Tgt Ion: 129 Resp: 82305
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.948 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

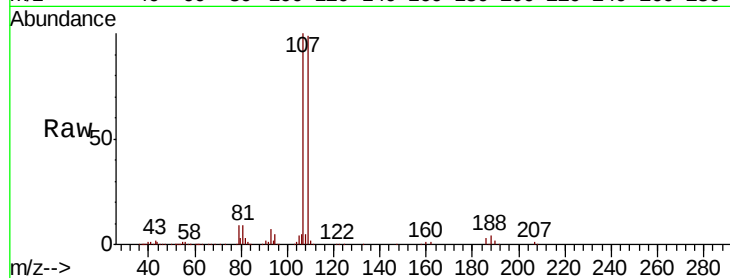
VX0716WBS01

Tot Ion:107 Resp: 75254

Ion Ratio Lower Upper

107 100

109 96.3 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

60000

50000

40000

30000

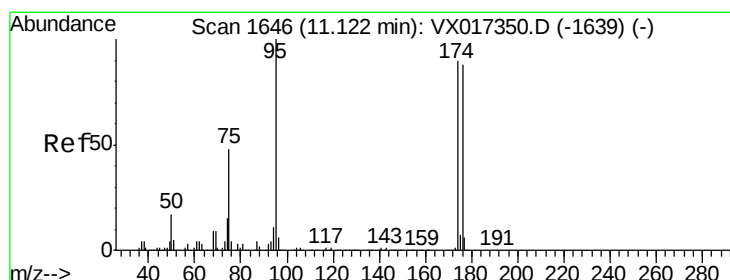
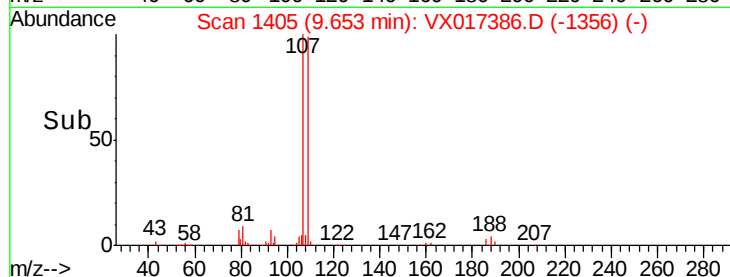
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 45.319 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

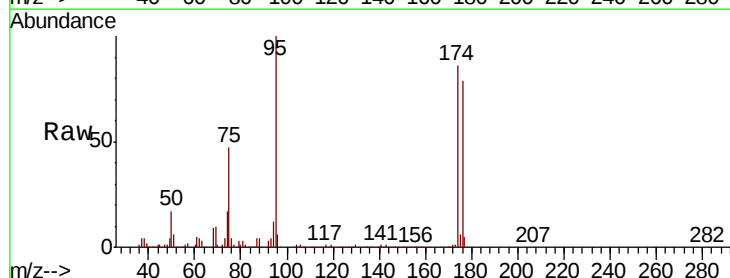
Tgt Ion: 95 Resp: 214434

Ion Ratio Lower Upper

95 100

174 84.9 0.0 175.8

176 79.0 0.0 164.6



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

200000

150000

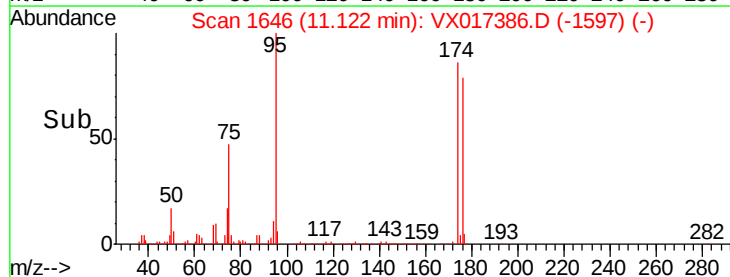
100000

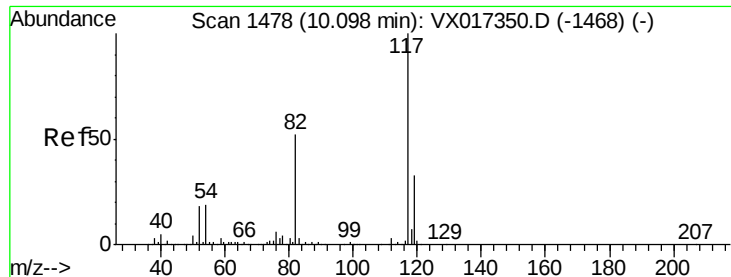
50000

0

Time-->

11.10 11.12 11.20

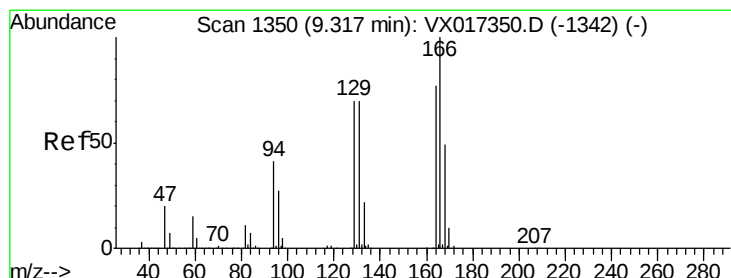
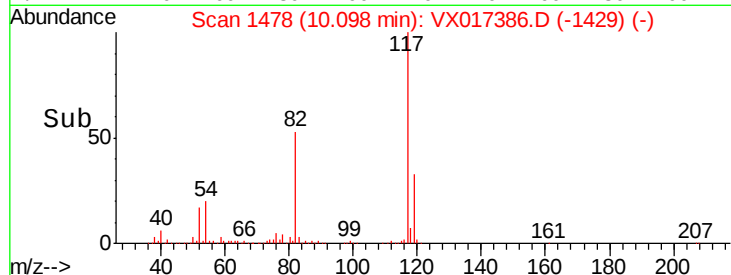
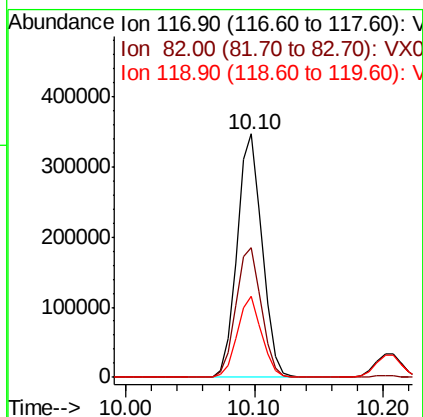
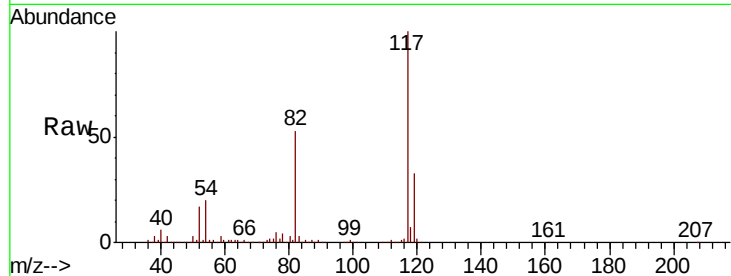




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

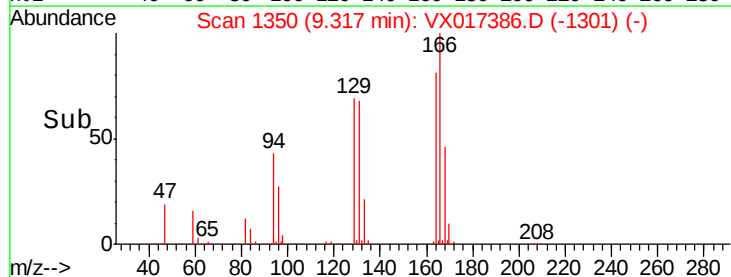
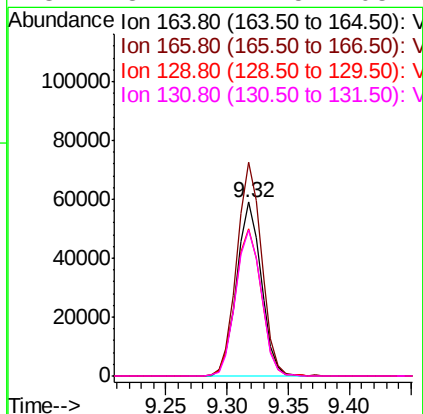
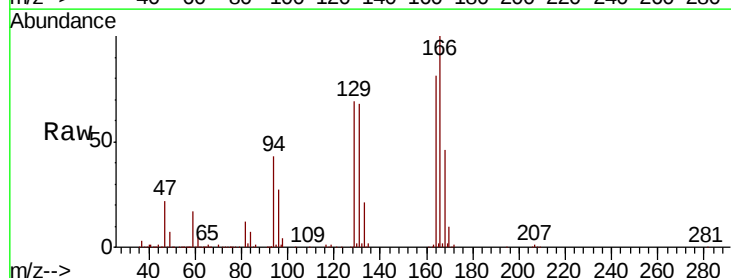
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBS01

Tot Ion:117 Resp: 466601
Ion Ratio Lower Upper
117 100
82 53.5 42.0 63.0
119 33.1 26.3 39.5



#64
Tetrachloroethene
Concen: 20.309 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Tgt Ion:164 Resp: 82018
Ion Ratio Lower Upper
164 100
166 123.1 103.9 155.9
129 84.7 72.9 109.3
131 84.2 72.5 108.7





#65

Chlorobenzene

Concen: 19.336 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

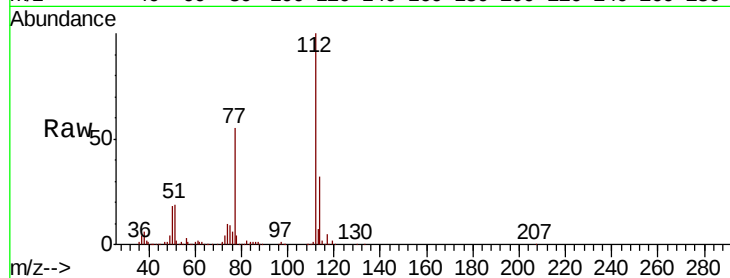
VX0716WBS01

Tot Ion:112 Resp: 183350

Ion Ratio Lower Upper

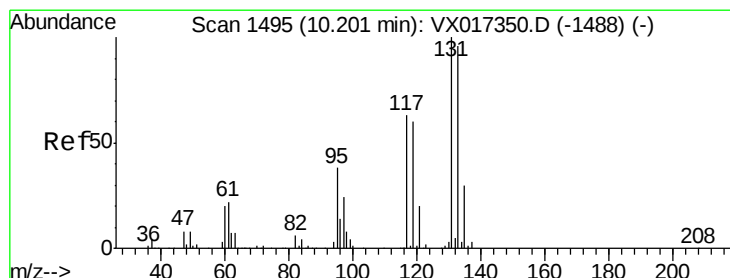
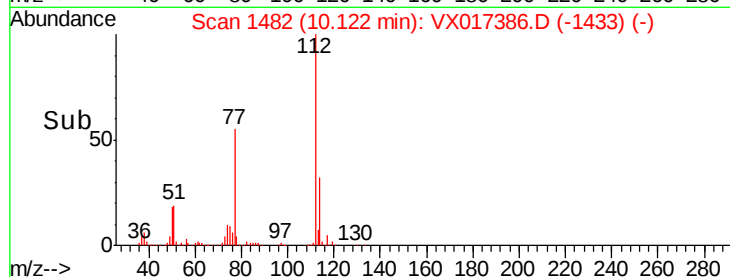
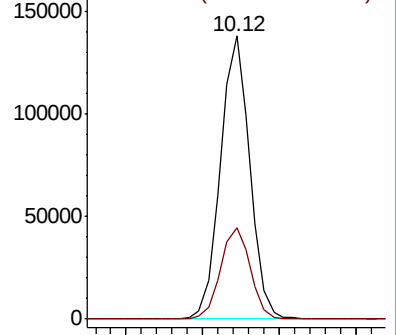
112 100

114 32.1 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.781 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

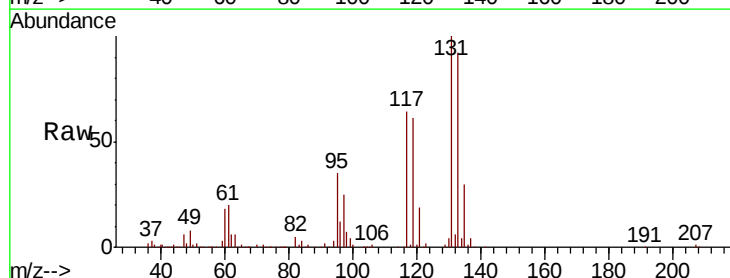
Tgt Ion:131 Resp: 74678

Ion Ratio Lower Upper

131 100

133 94.3 48.4 145.2

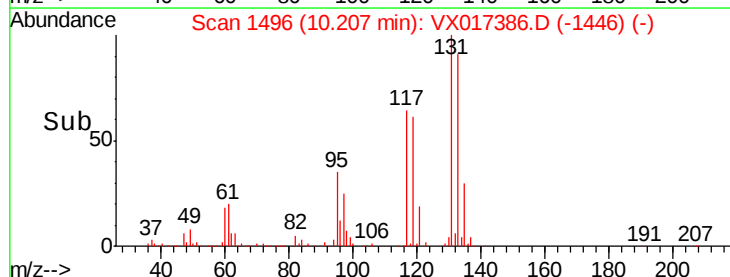
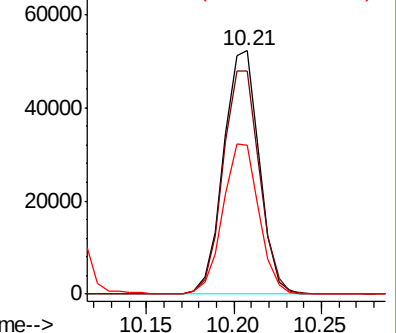
119 62.2 31.2 93.6

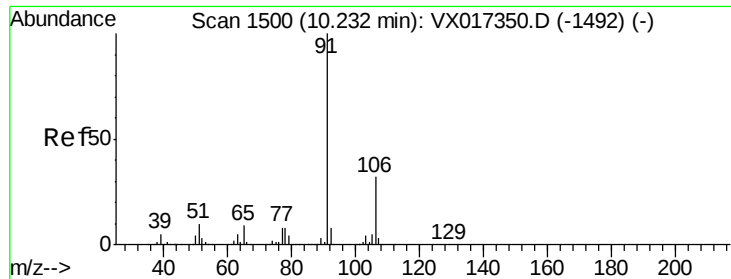


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

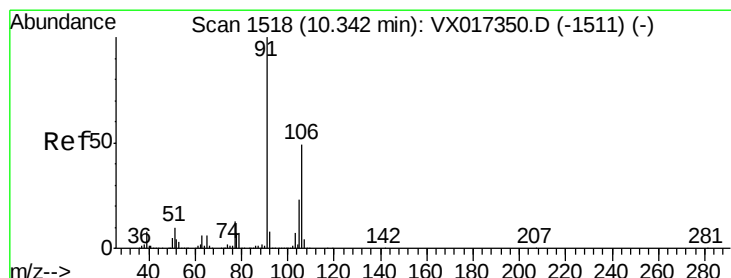
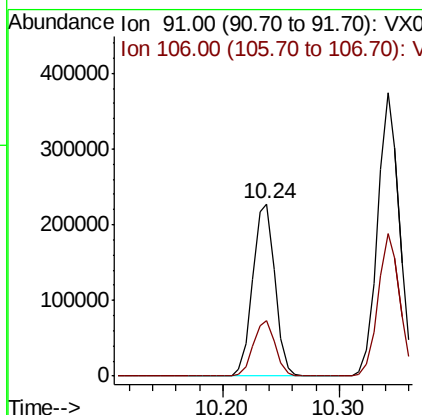
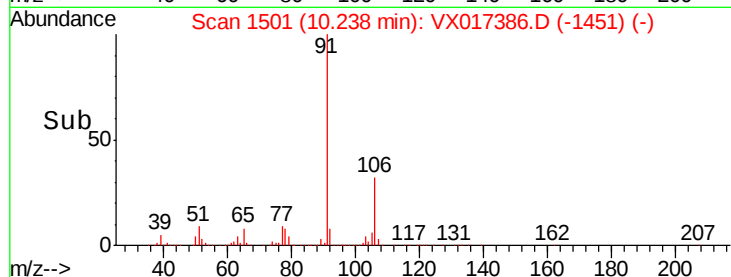
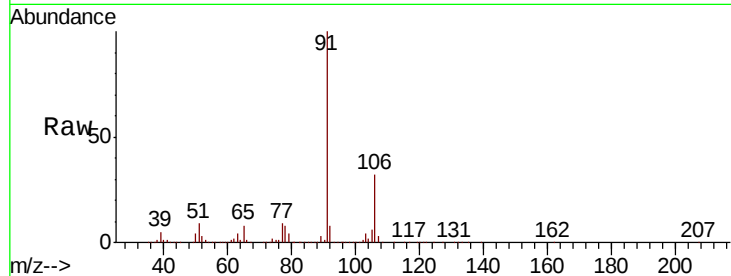




#67
Ethyl Benzene
Concen: 19.308 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

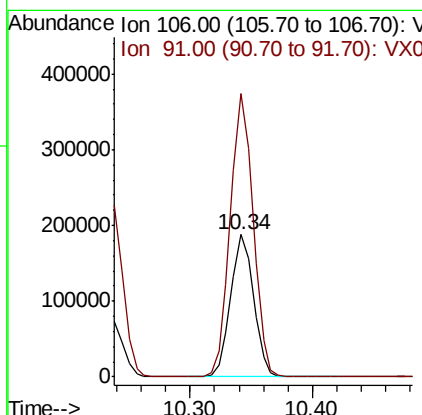
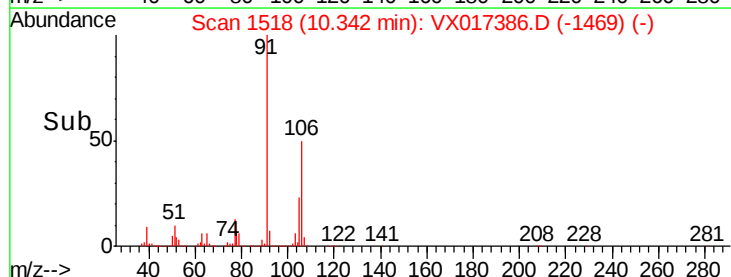
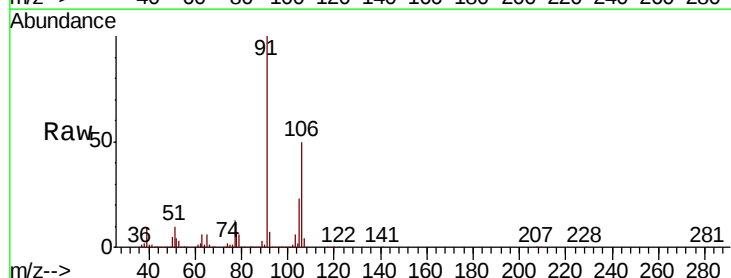
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBS01

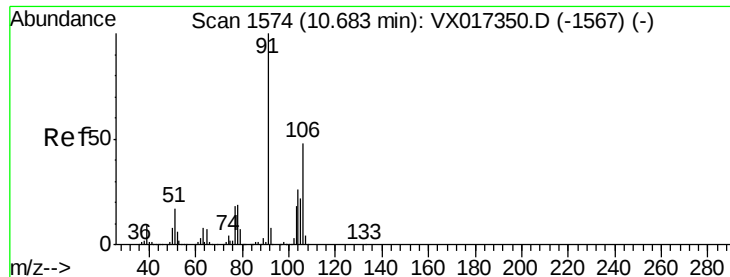
Tot Ion: 91 Resp: 304784
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5



#68
m/p-Xylenes
Concen: 40.477 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Tgt Ion: 106 Resp: 243107
Ion Ratio Lower Upper
106 100
91 199.2 162.5 243.7

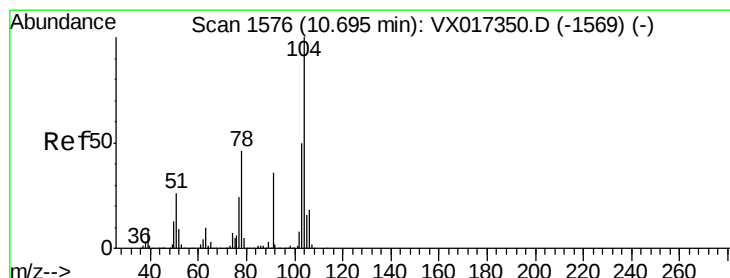
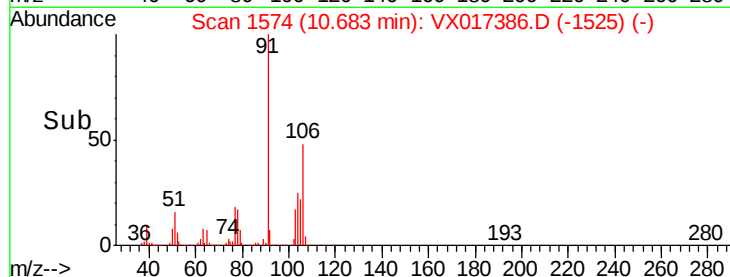
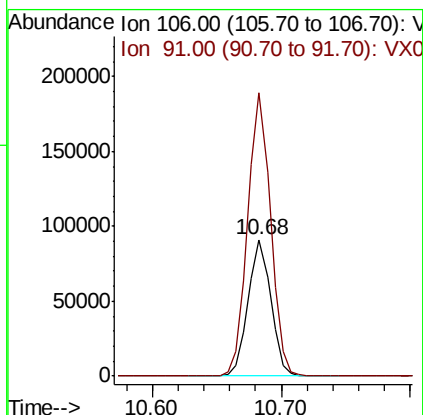
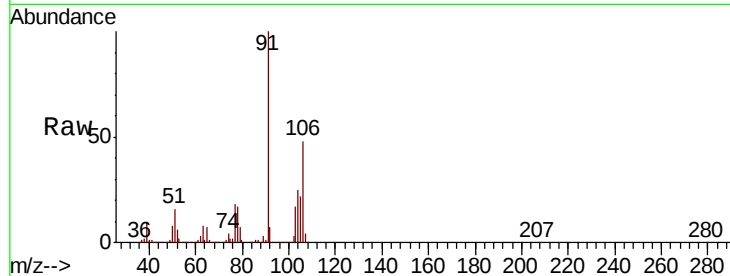




#69
o-Xylene
Concen: 19.293 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

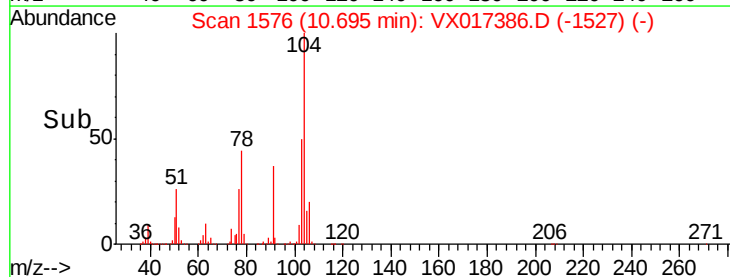
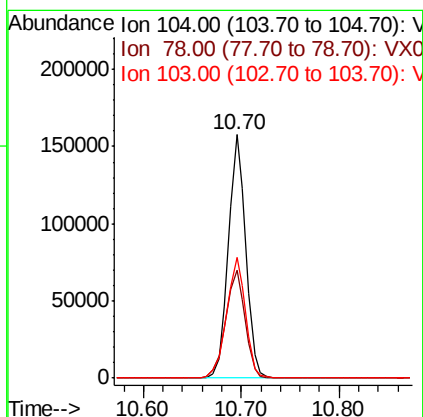
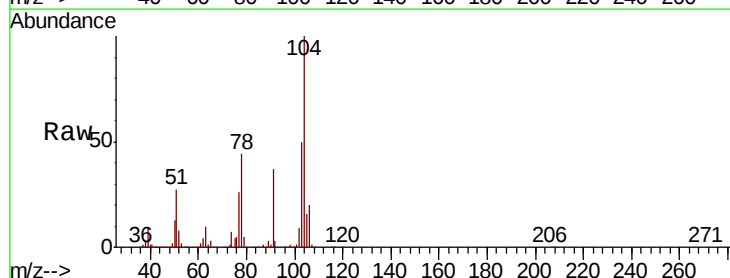
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBS01

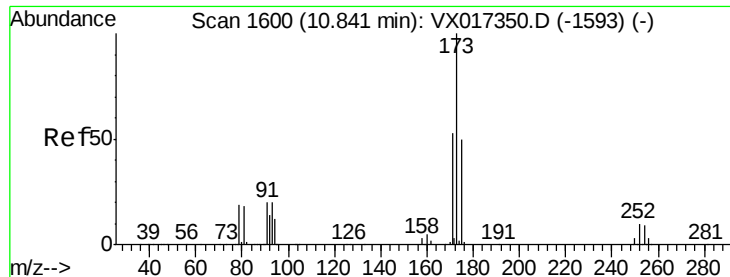
Tot Ion:106 Resp: 110726
Ion Ratio Lower Upper
106 100
91 208.5 106.1 318.1



#70
Styrene
Concen: 19.818 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Tgt Ion:104 Resp: 195230
Ion Ratio Lower Upper
104 100
78 49.6 40.8 61.2
103 54.0 43.3 64.9





#71

Bromoform

Concen: 19.212 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBS01

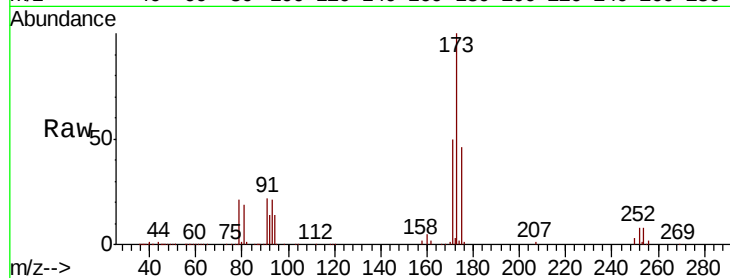
Tot Ion:173 Resp: 61205

Ion Ratio Lower Upper

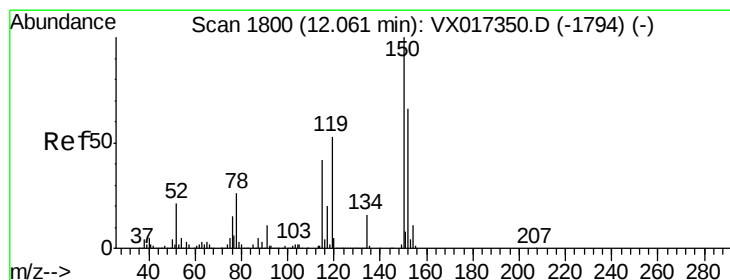
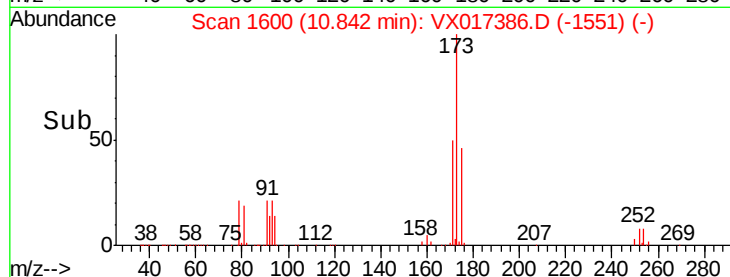
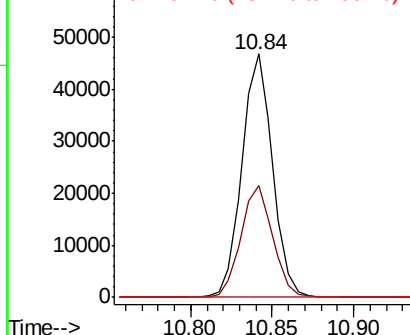
173 100

175 47.6 24.7 74.1

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

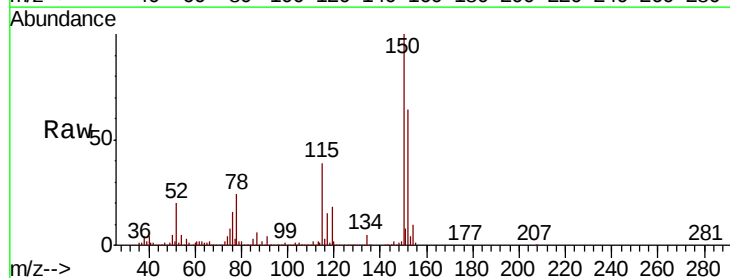
Tgt Ion:152 Resp: 251324

Ion Ratio Lower Upper

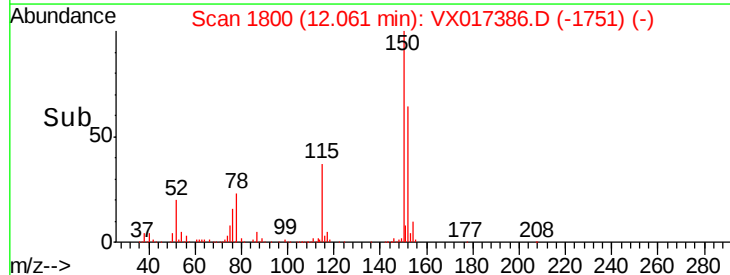
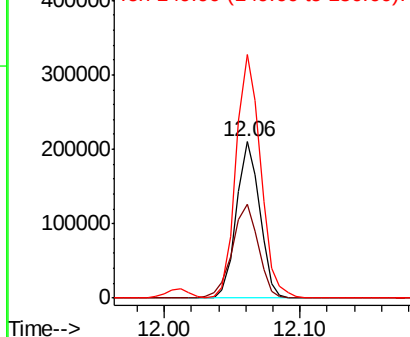
152 100

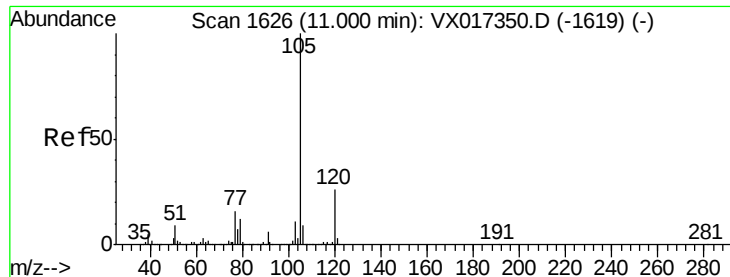
115 66.4 39.9 119.7

150 164.2 0.0 343.4



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: 19.418 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampled :

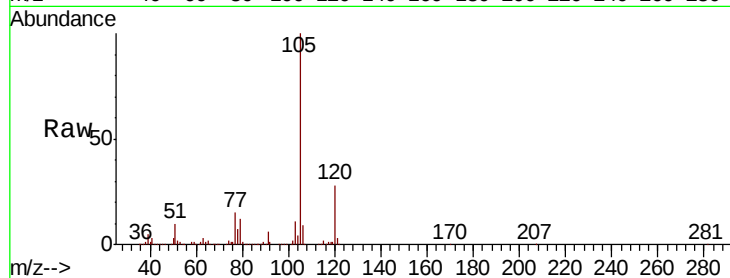
VX0716WBS01

Tot Ion:105 Resp: 305928

Ion Ratio Lower Upper

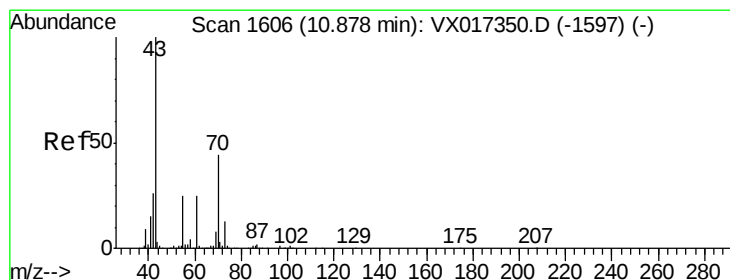
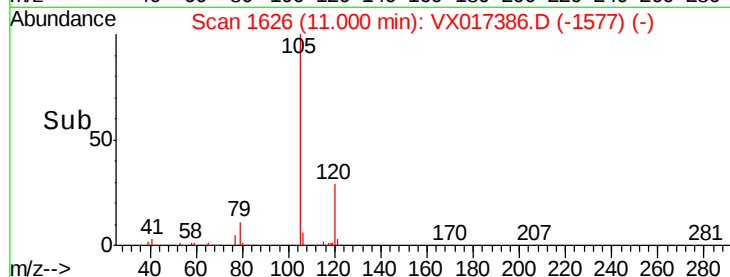
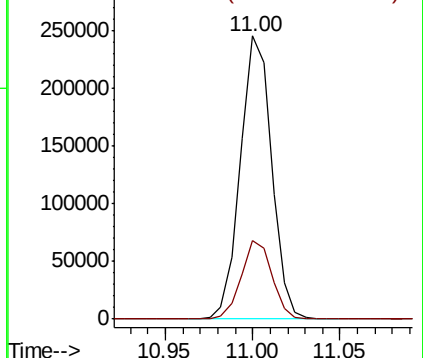
105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.898 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Tgt Ion: 43 Resp: 125449

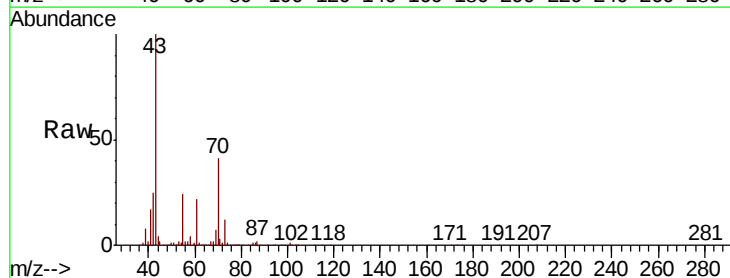
Ion Ratio Lower Upper

43 100

70 42.6 35.7 53.5

55 25.0 20.3 30.5

61 23.9 20.0 30.0

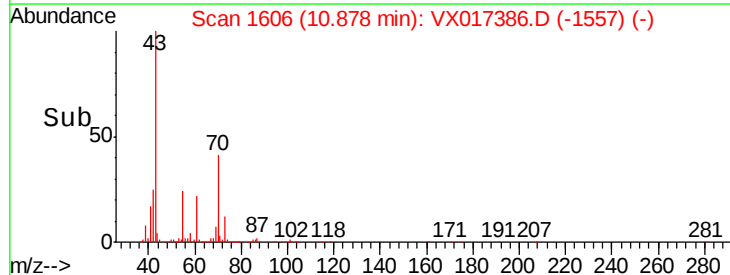
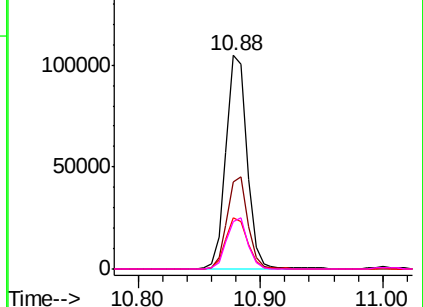


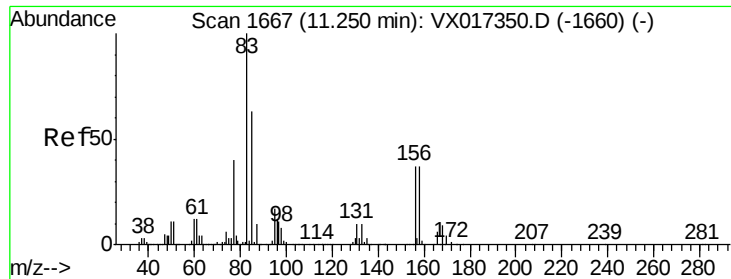
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.411 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBS01

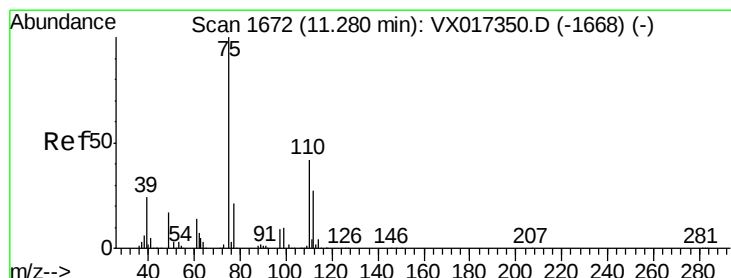
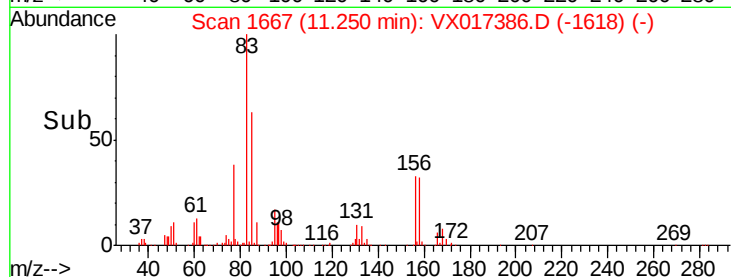
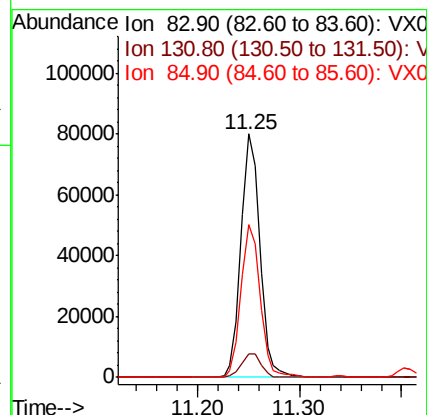
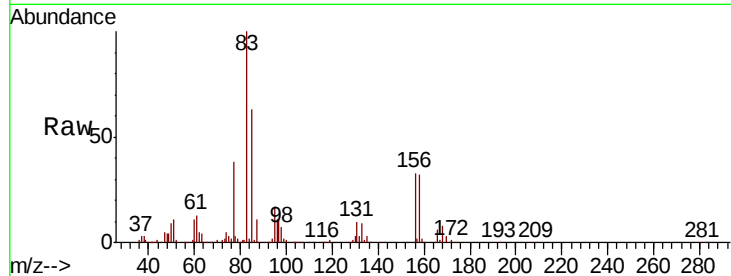
Tot Ion: 83 Resp: 102421

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.7

85 63.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 26.784 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017386.D

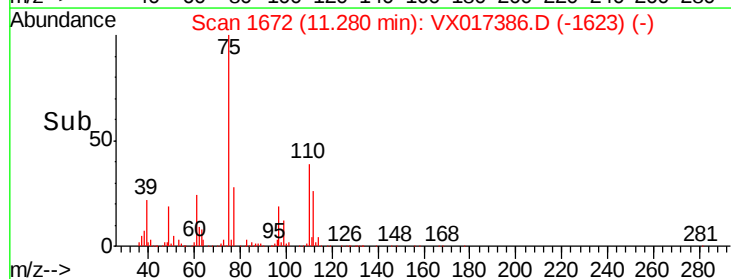
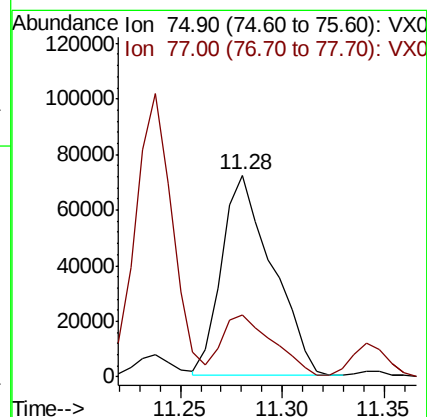
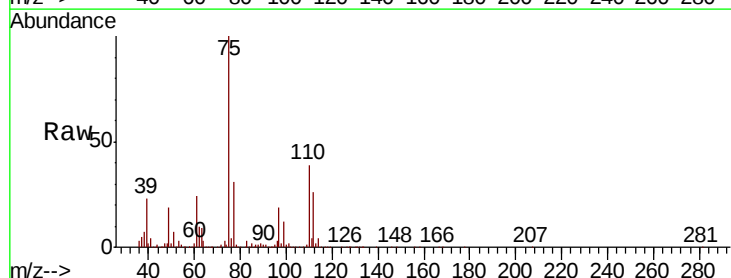
Acq: 16 Jul 2020 13:03

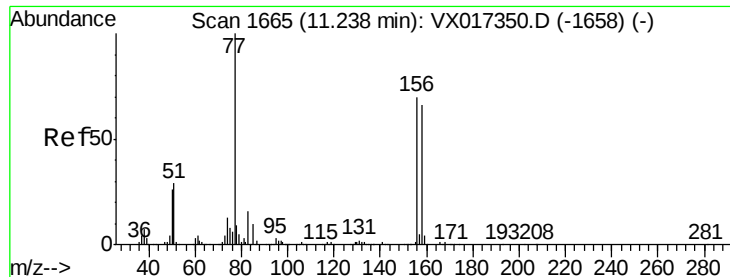
Tgt Ion: 75 Resp: 124388

Ion Ratio Lower Upper

75 100

77 31.7 20.3 60.9





#77

Bromobenzene

Concen: 18.856 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampled :

VX0716WBS01

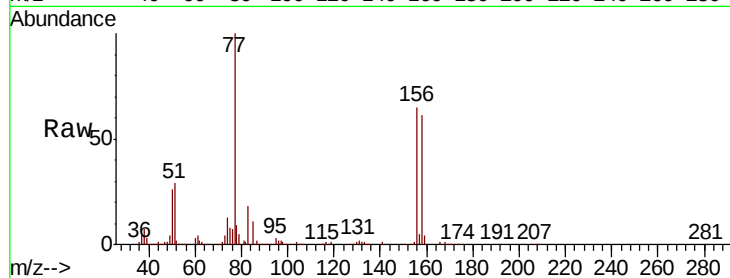
Tot Ion:156 Resp: 84611

Ion Ratio Lower Upper

156 100

77 152.0 72.1 216.3

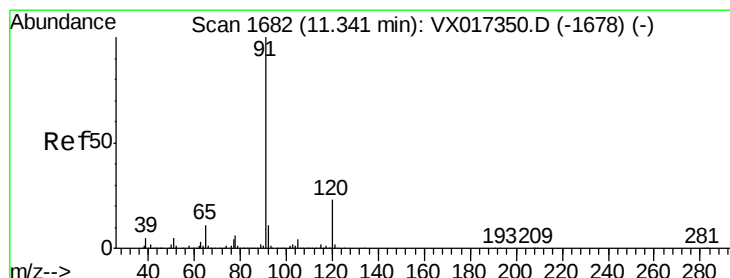
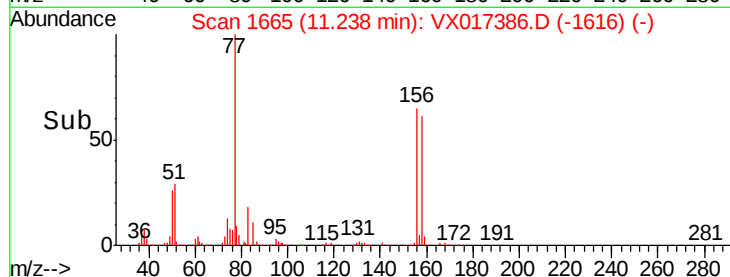
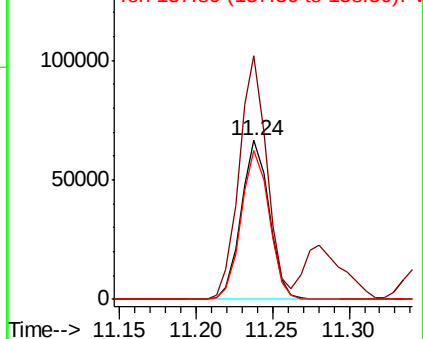
158 94.4 47.4 142.3



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: 19.812 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017386.D

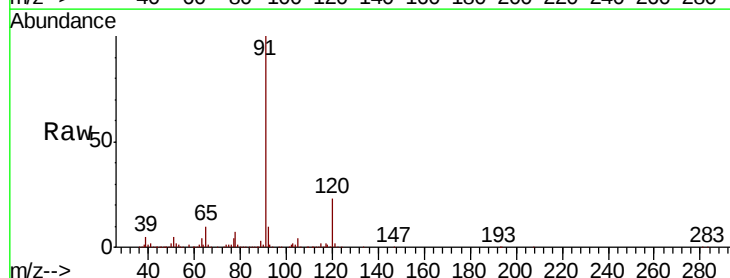
Acq: 16 Jul 2020 13:03

Tgt Ion: 91 Resp: 350552

Ion Ratio Lower Upper

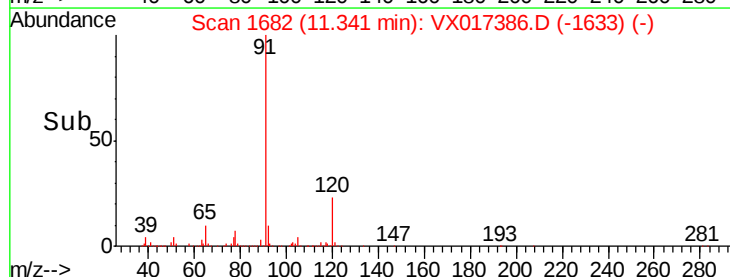
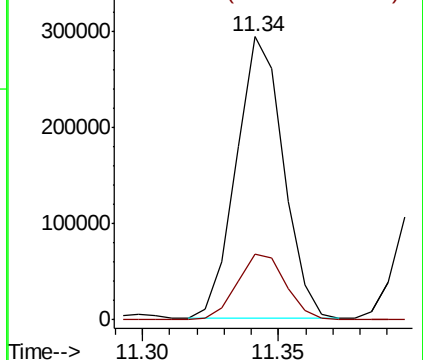
91 100

120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

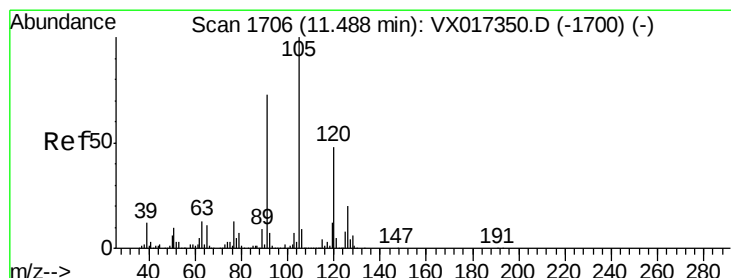
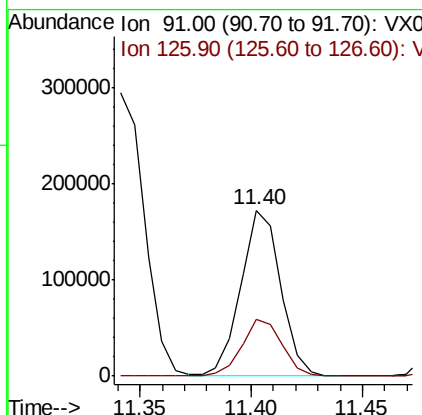
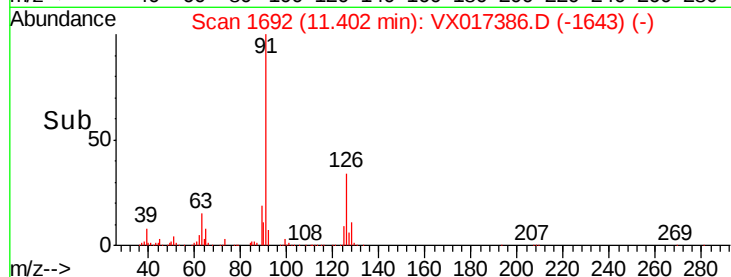
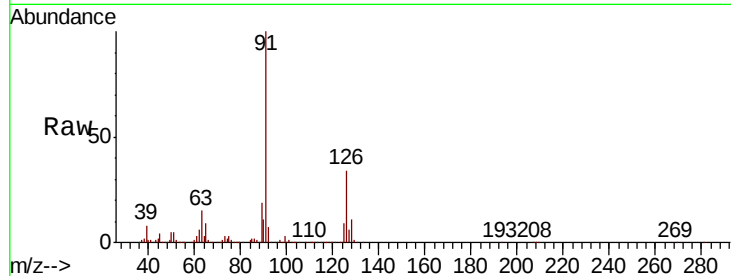




#79
 2-Chlorotoluene
 Concen: 19.712 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

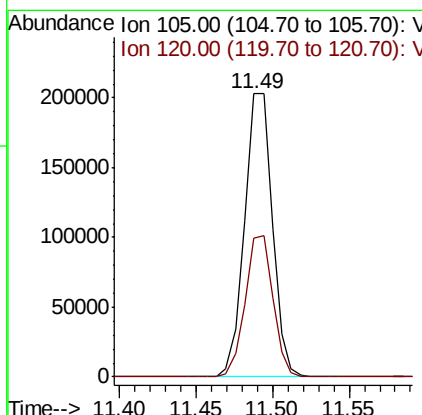
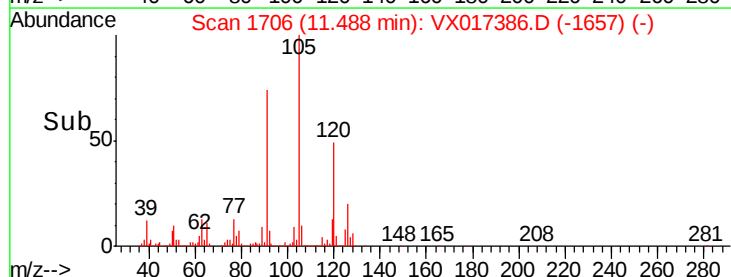
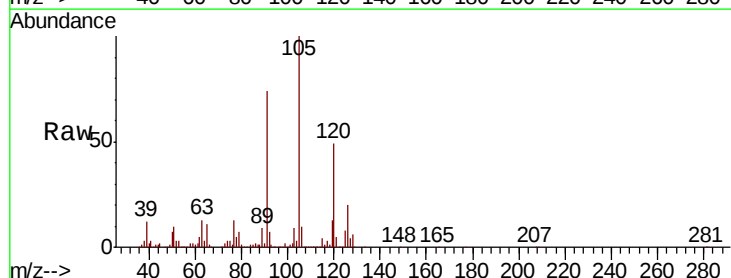
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

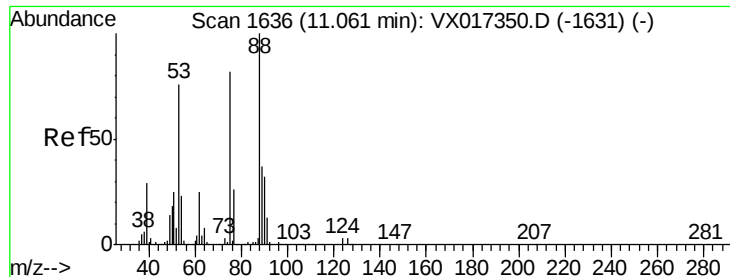
Tot Ion: 91 Resp: 214935
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.239 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Tgt Ion:105 Resp: 257297
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.151 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBS01

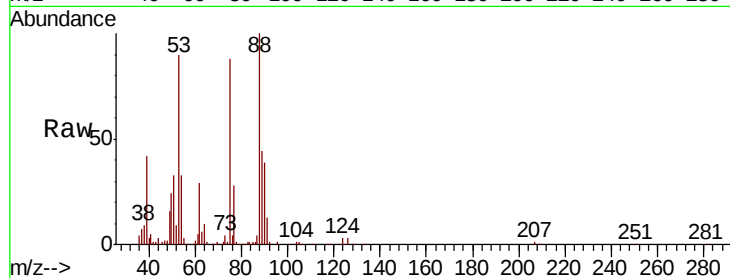
Tot Ion: 75 Resp: 33228

Ion Ratio Lower Upper

75 100

53 100.2 76.5 114.7

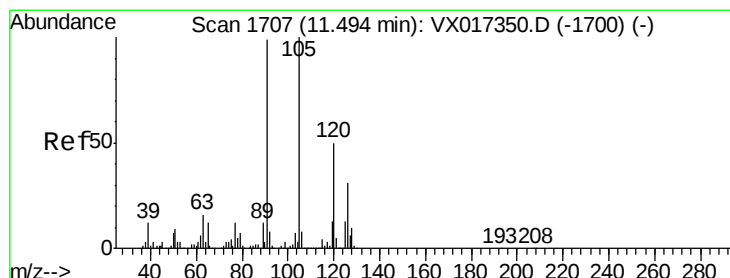
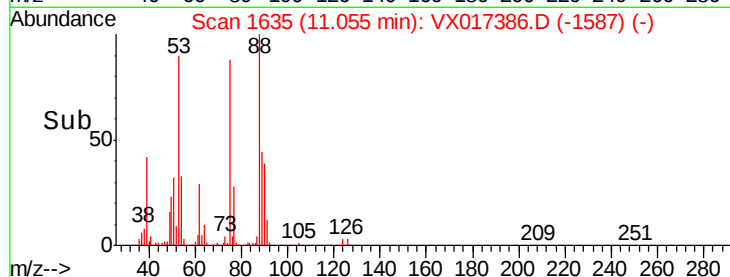
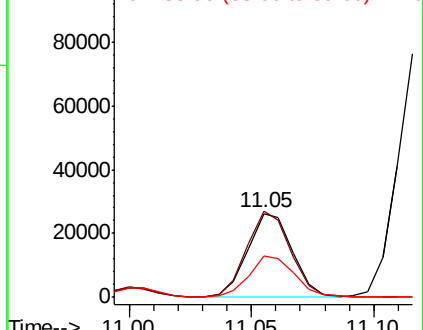
89 51.3 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.880 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017386.D

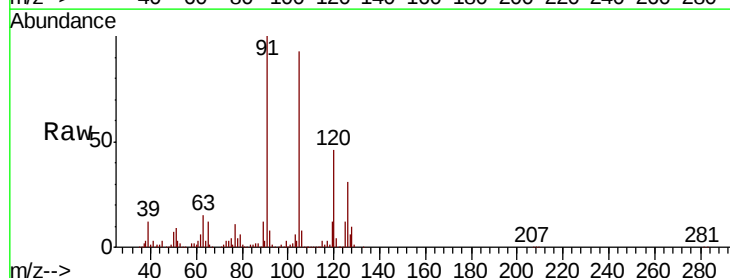
Acq: 16 Jul 2020 13:03

Tgt Ion: 91 Resp: 256896

Ion Ratio Lower Upper

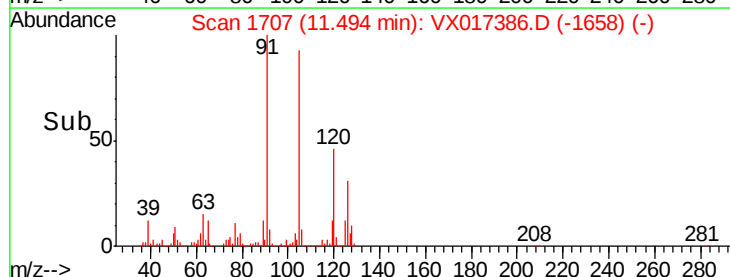
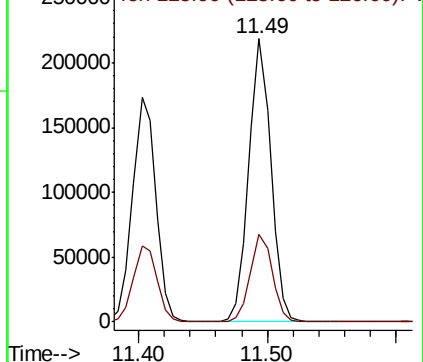
91 100

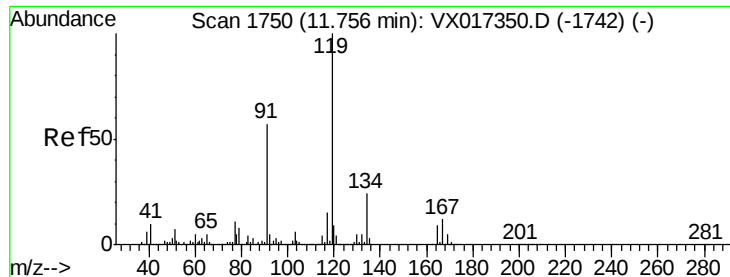
126 31.0 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

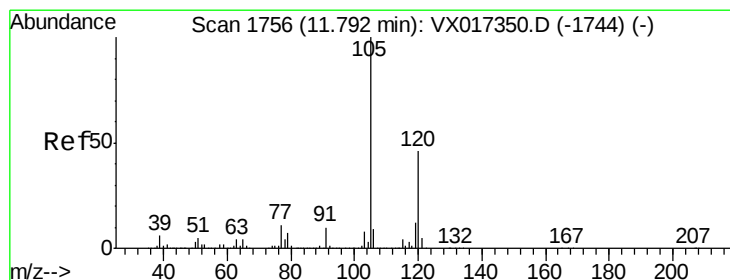
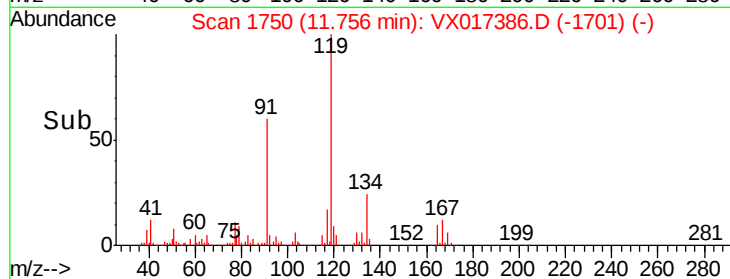
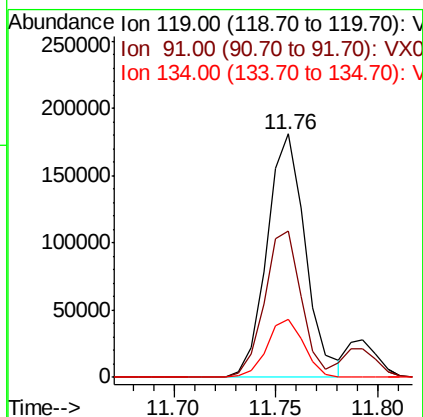
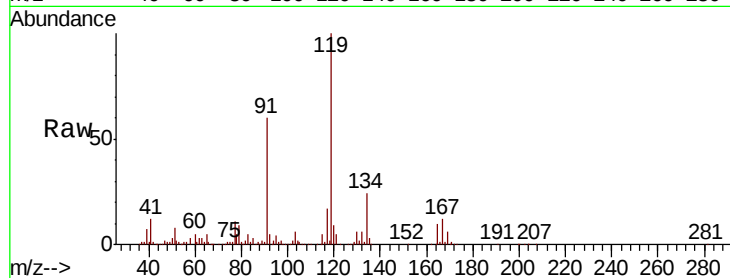




#83
 tert-Butylbenzene
 Concen: 18.367 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

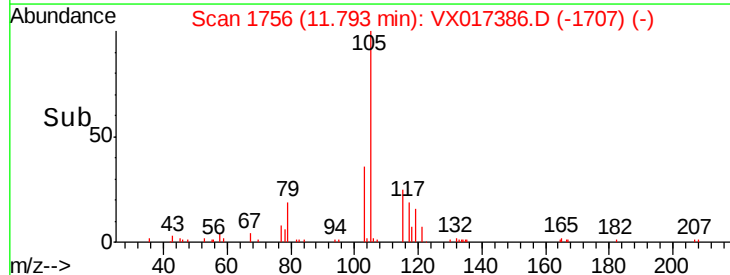
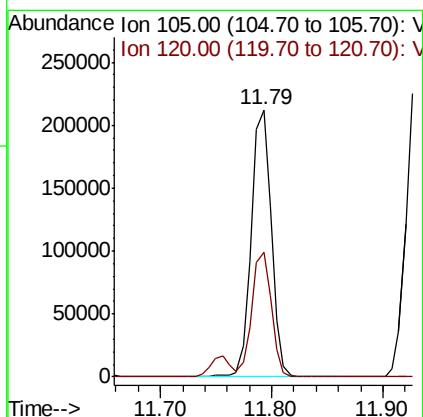
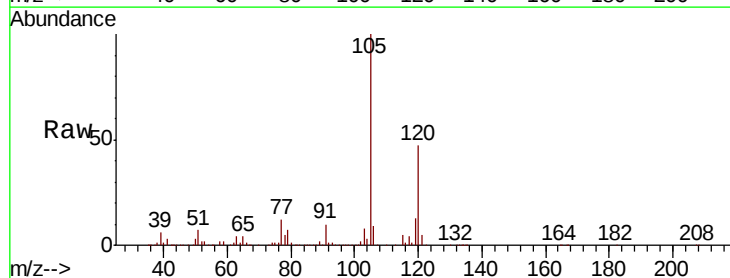
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

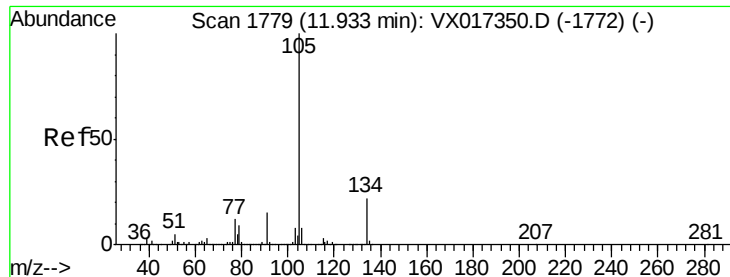
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	28.5	85.6
134	23.0	11.9	35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.683 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.8	68.4





#85

sec-Butylbenzene

Concen: 19.306 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

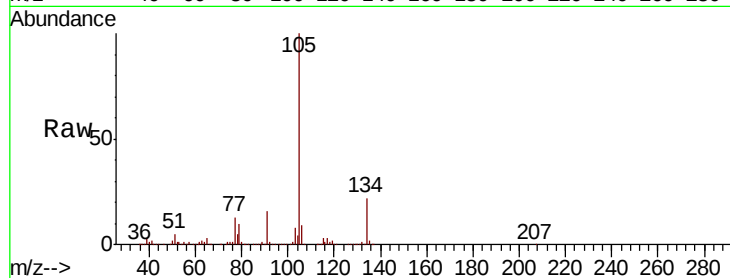
VX0716WBS01

Tot Ion:105 Resp: 292195

Ion Ratio Lower Upper

105 100

134 20.4 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

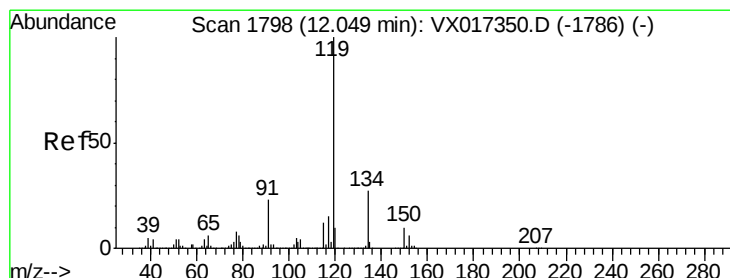
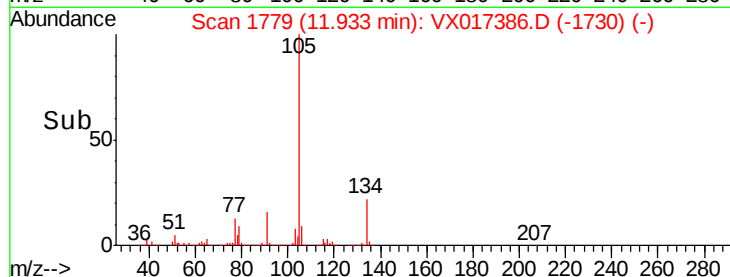
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 18.967 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

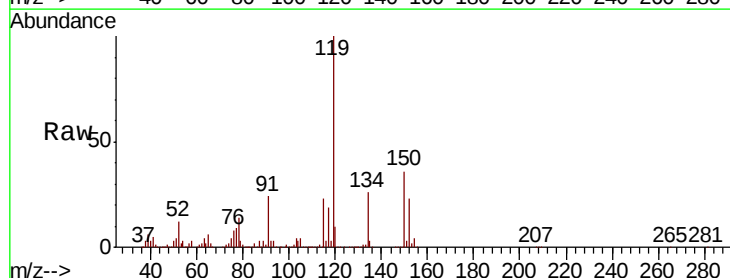
Tgt Ion:119 Resp: 271621

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.5

91 24.2 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

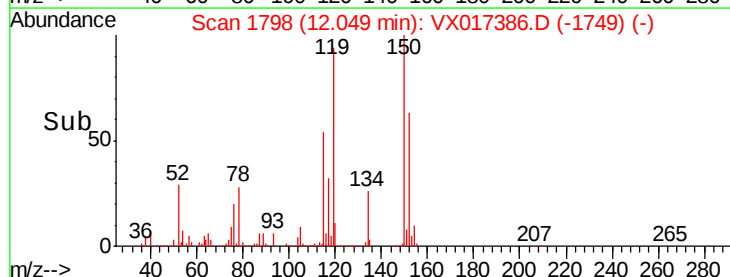
100000

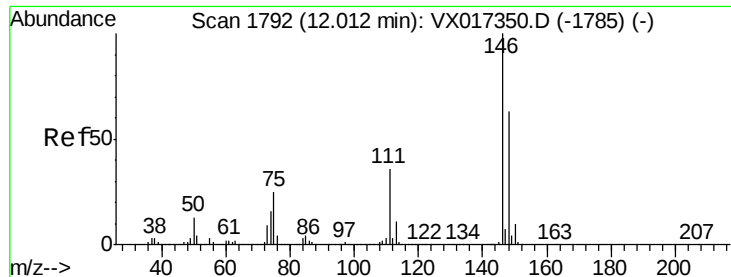
50000

0

12.00 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.143 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBS01

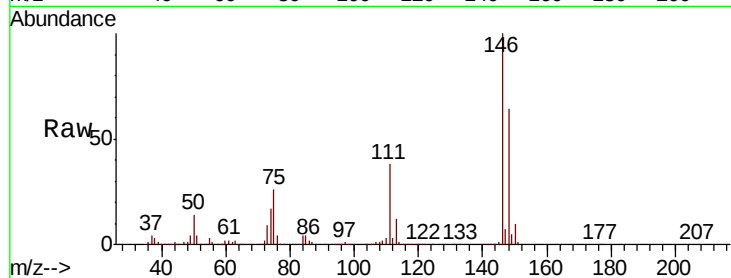
Tot Ion:146 Resp: 153667

Ion Ratio Lower Upper

146 100

111 39.2 19.2 57.6

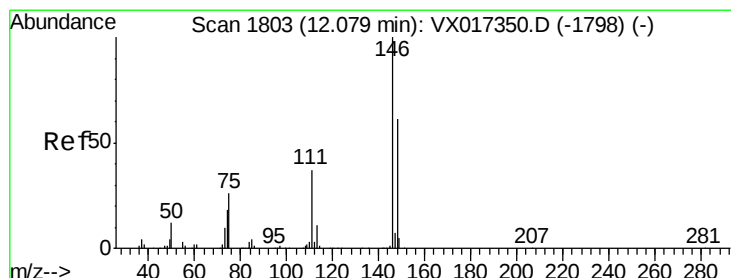
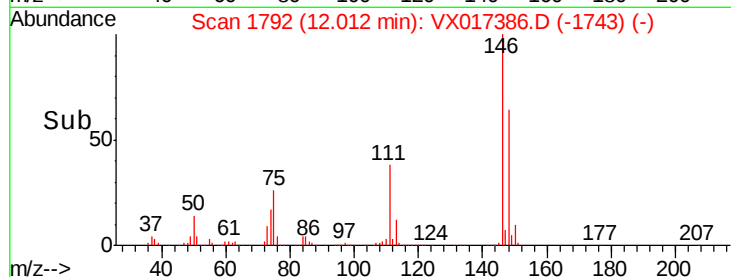
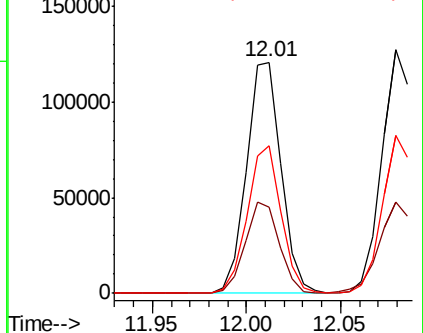
148 62.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.319 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

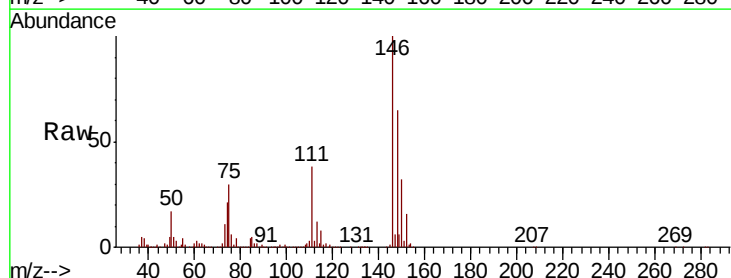
Tgt Ion:146 Resp: 156671

Ion Ratio Lower Upper

146 100

111 39.8 18.9 56.9

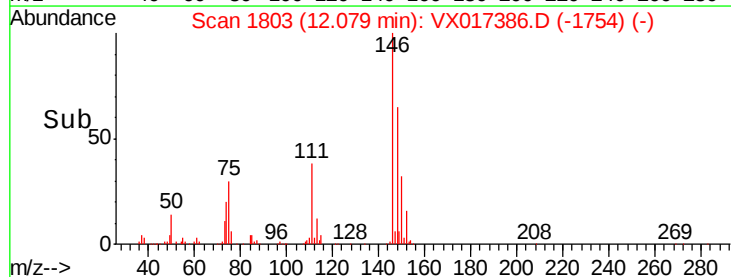
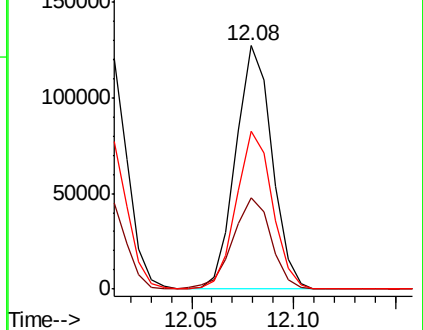
148 64.8 31.9 95.9

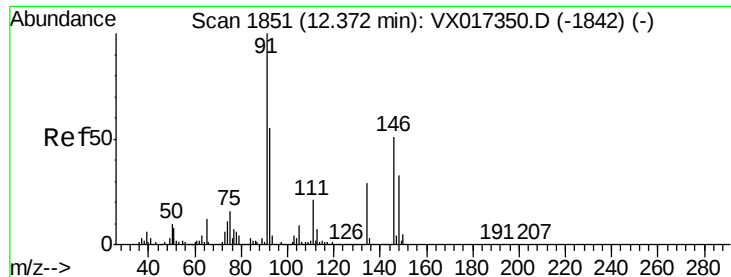


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

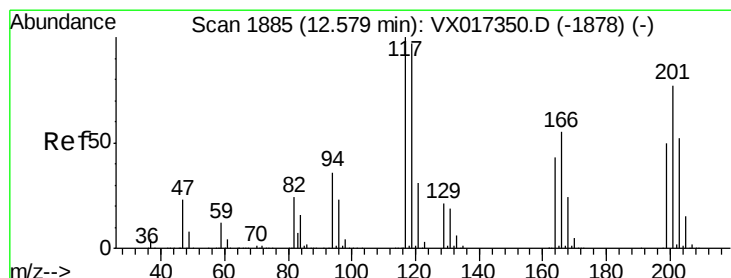
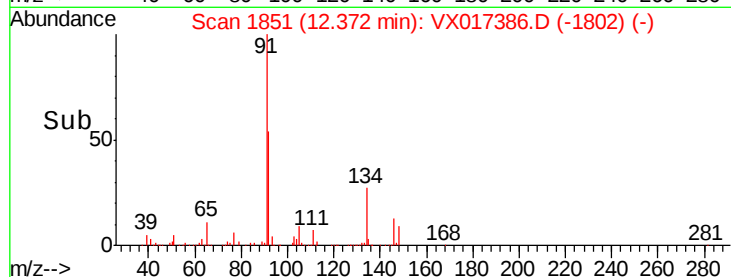
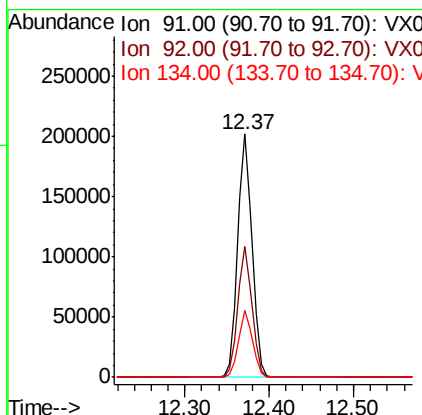
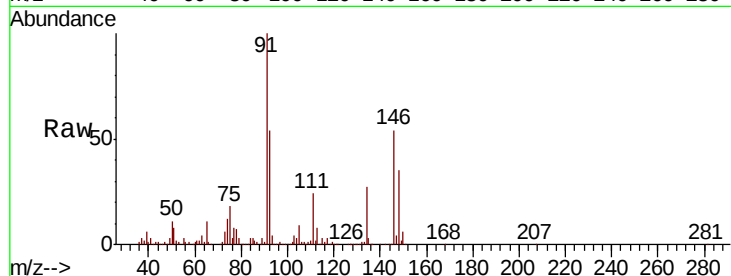




#89
n-Butylbenzene
Concen: 18.983 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

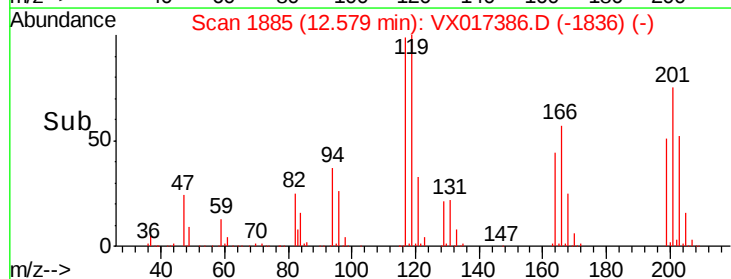
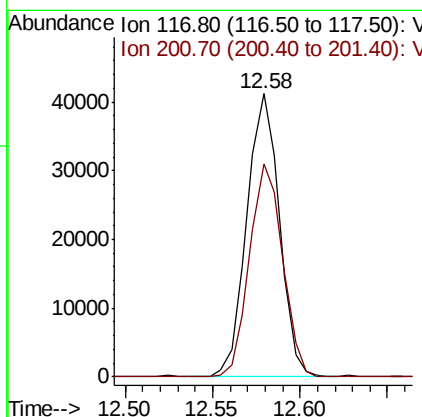
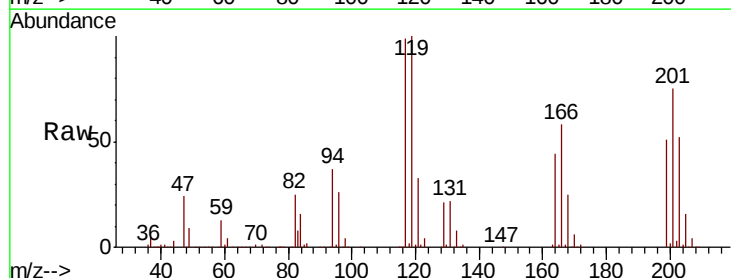
Instrument :
MSVOA_X
ClientSampled :
VX0716WBS01

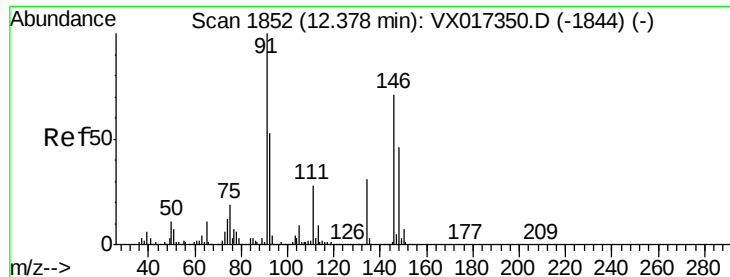
Tot Ion: 91 Resp: 231856
Ion Ratio Lower Upper
91 100
92 52.8 27.0 81.0
134 26.5 14.1 42.2



#90
Hexachloroethane
Concen: 19.555 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017386.D
Acq: 16 Jul 2020 13:03

Tgt Ion: 117 Resp: 53167
Ion Ratio Lower Upper
117 100
201 76.7 41.0 123.0





#91

1,2-Dichlorobenzene

Concen: 19.561 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBS01

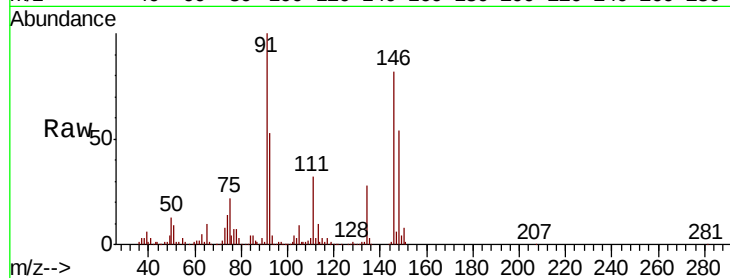
Tot Ion:146 Resp: 147556

Ion Ratio Lower Upper

146 100

111 40.9 20.3 61.0

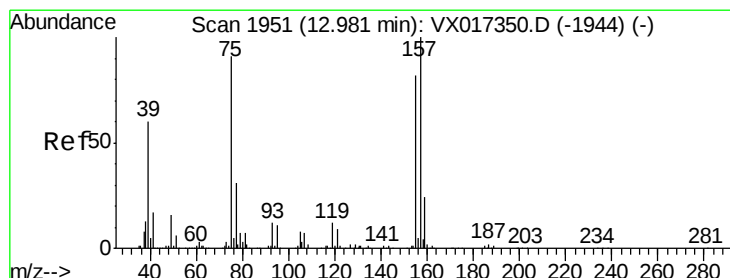
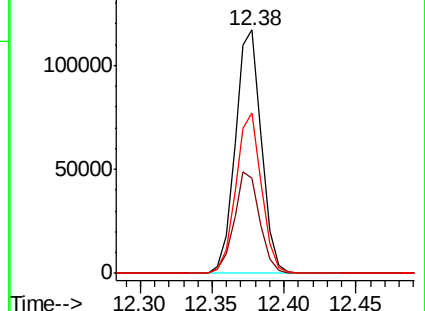
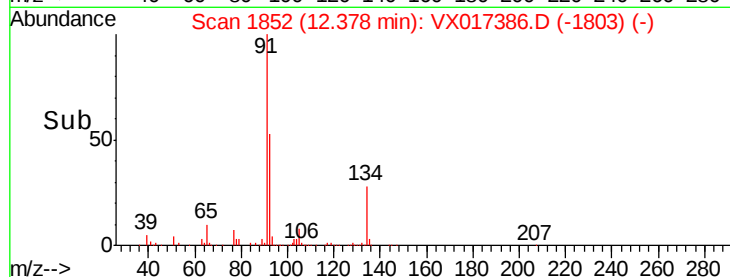
148 65.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.012 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

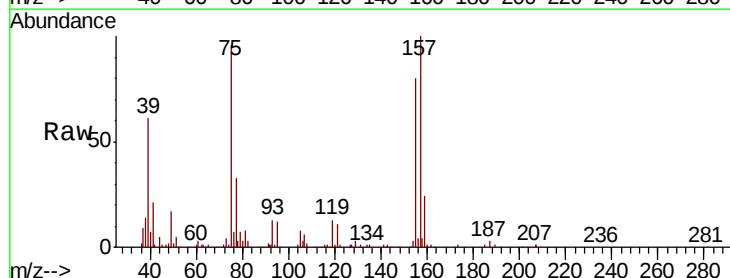
Tgt Ion: 75 Resp: 22735

Ion Ratio Lower Upper

75 100

155 84.3 46.5 139.3

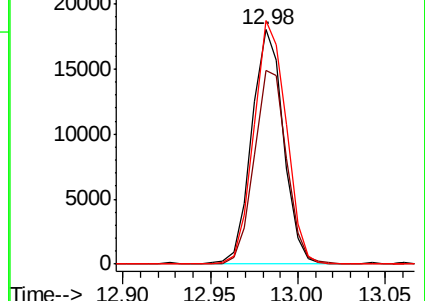
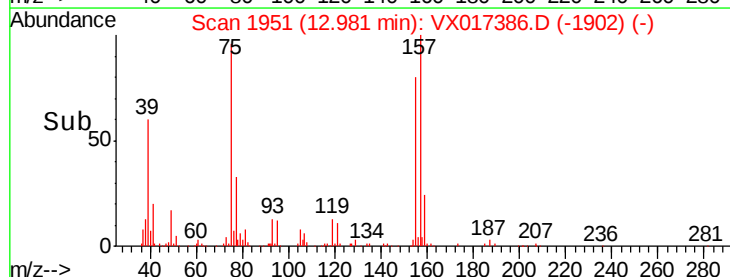
157 105.4 58.0 173.9

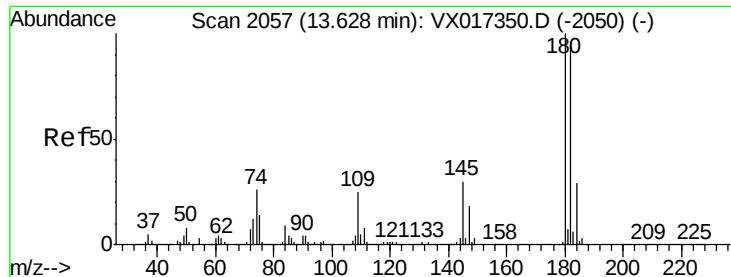


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

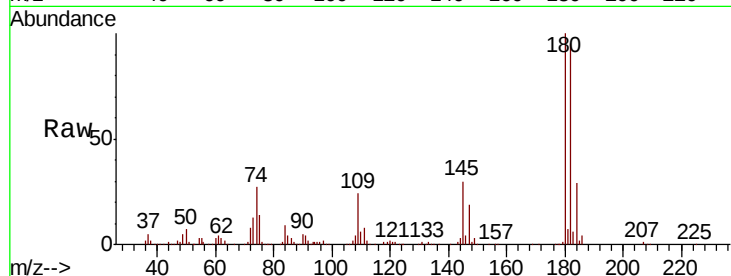




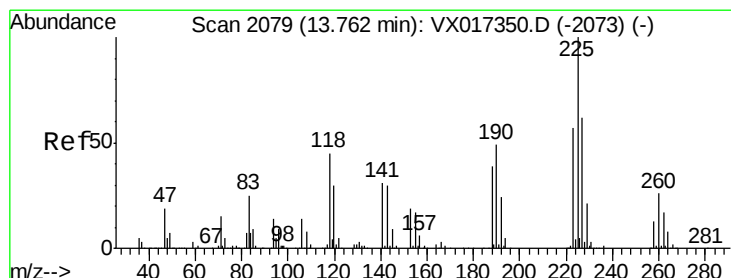
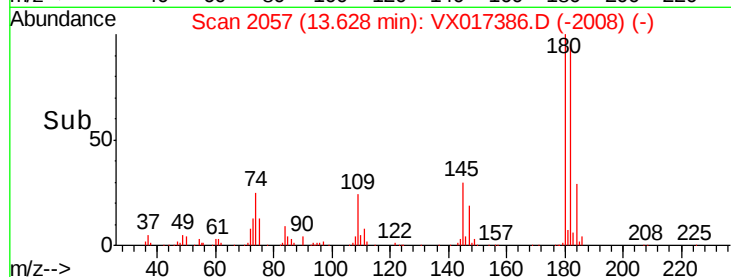
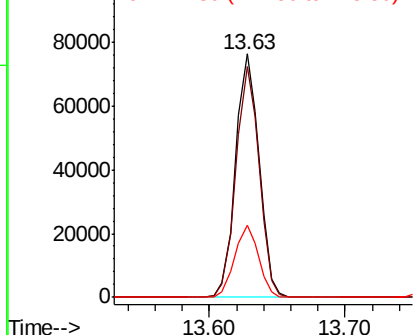
#93
 1,2,4-Trichlorobenzene
 Concen: 17.514 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

Tot Ion:180 Resp: 91709
 Ion Ratio Lower Upper
 180 100
 182 94.2 48.4 145.0
 145 29.9 15.3 45.8

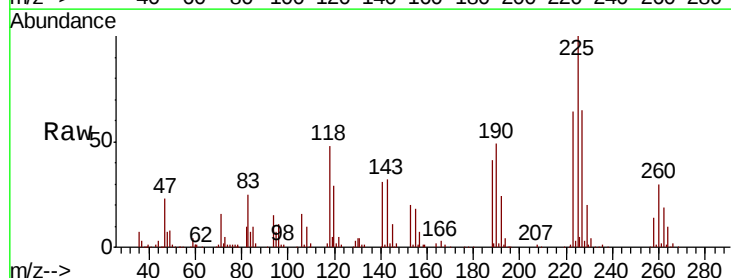


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

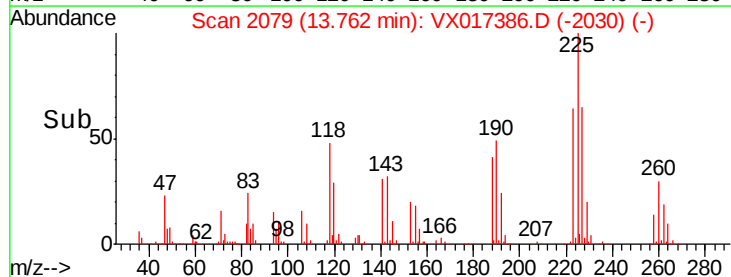
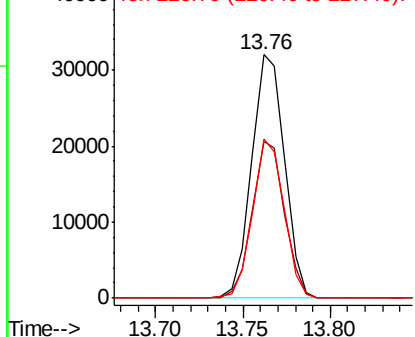


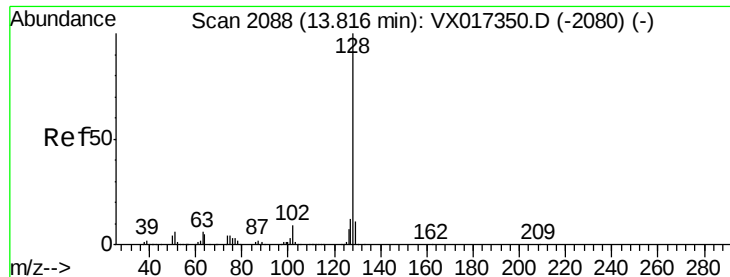
#94
 Hexachlorobutadiene
 Concen: 19.542 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017386.D
 Acq: 16 Jul 2020 13:03

Tgt Ion:225 Resp: 41732
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.3 93.8
 227 62.4 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.806 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBS01

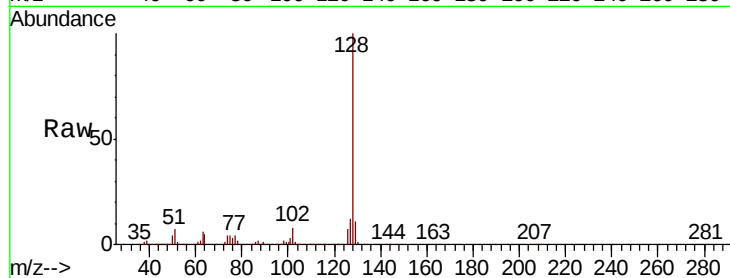
Tot Ion:128 Resp: 274149

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

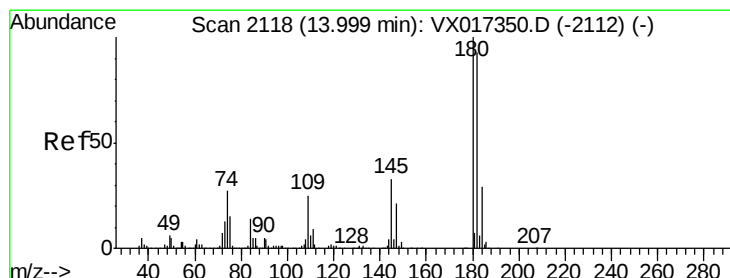
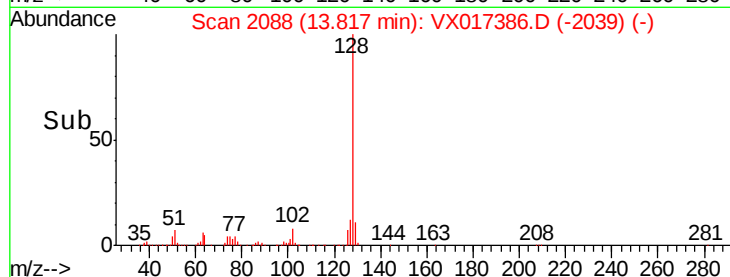
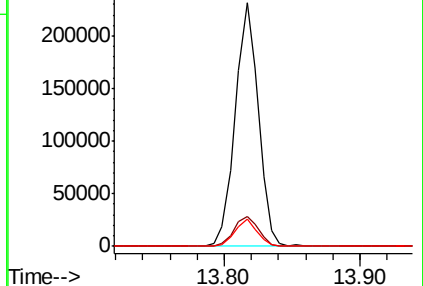
129 10.8 8.9 13.3



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: 18.032 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017386.D

Acq: 16 Jul 2020 13:03

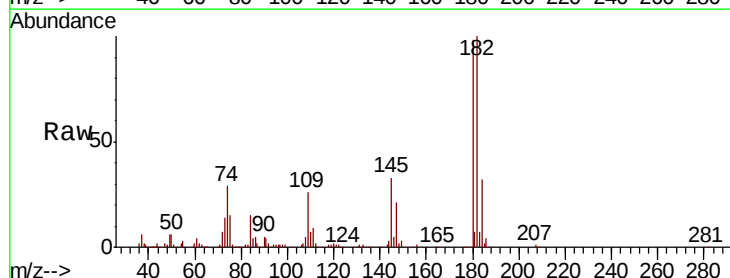
Tgt Ion:180 Resp: 91210

Ion Ratio Lower Upper

180 100

182 96.0 48.8 146.3

145 32.3 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

