

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
 Data File : VX017432.D
 Acq On : 20 Jul 2020 11:43
 Operator : JC/SP
 Sample : VX0720WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Quant Time: Jul 21 02:18:15 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	298668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	449310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	428046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	232550	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	189492	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	5.46	113	156459	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	8.70	98	566311	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.12	95	221490	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	52589	20.809	ug/l	99
3) Chloromethane	1.31	50	55283	19.430	ug/l	96
4) Vinyl Chloride	1.39	62	56176	19.958	ug/l	97
5) Bromomethane	1.63	94	35111	19.162	ug/l	94
6) Chloroethane	1.72	64	34762	19.566	ug/l	97
7) Trichlorofluoromethane	1.92	101	93747	19.733	ug/l	99
8) Diethyl Ether	2.17	74	31060	18.496	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.36	101	50897	18.807	ug/l	98
10) Methyl Iodide	2.49	142	58063	17.794	ug/l	99
11) Tert butyl alcohol	3.01	59	60606	95.962	ug/l	99
12) 1,1-Dichloroethene	2.36	96	49215	18.107	ug/l	96
13) Acrolein	2.27	56	6152	17.770	ug/l #	82
14) Allyl chloride	2.70	41	95344	20.245	ug/l	96
15) Acrylonitrile	3.11	53	147342	96.239	ug/l	100
16) Acetone	2.42	43	122862	91.872	ug/l	100
17) Carbon Disulfide	2.55	76	152000	19.171	ug/l	99
18) Methyl Acetate	2.75	43	64484	19.523	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	182322	19.756	ug/l	99
20) Methylene Chloride	2.83	84	62760	19.235	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	59283	19.064	ug/l	98
22) Diisopropyl ether	3.82	45	188127	20.970	ug/l	93
23) Vinyl Acetate	3.78	43	803484	101.839	ug/l	99
24) 1,1-Dichloroethane	3.67	63	105974	20.100	ug/l	97
25) 2-Butanone	4.63	43	199901	94.113	ug/l	96
26) 2,2-Dichloropropane	4.54	77	96299	19.626	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	66025	19.361	ug/l	98
28) Bromochloromethane	4.98	49	49786	20.441	ug/l	95
29) Tetrahydrofuran	5.09	42	130508	94.919	ug/l	97
30) Chloroform	5.18	83	110583	19.495	ug/l	94
31) Cyclohexane	5.55	56	86558	20.055	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	103485	19.735	ug/l	100
36) 1,1-Dichloropropene	5.76	75	79902	19.334	ug/l	99
37) Ethyl Acetate	4.79	43	78654	18.403	ug/l	98
38) Carbon Tetrachloride	5.75	117	92061	19.026	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

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 ClientSampleId :
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Quant Time: Jul 21 02:18:15 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	86924	19.368	ug/l	99
40) Benzene	6.11	78	236977	19.952	ug/l	99
41) Methacrylonitrile	5.00	41	44559	19.420	ug/l	98
42) 1,2-Dichloroethane	6.16	62	87982	19.066	ug/l	99
43) Isopropyl Acetate	6.41	43	130111	19.051	ug/l	100
44) Trichloroethene	7.18	130	66918	18.445	ug/l	88
45) 1,2-Dichloropropane	7.49	63	60473	19.898	ug/l	99
46) Dibromomethane	7.63	93	42229	19.267	ug/l	96
47) Bromodichloromethane	7.87	83	88959	19.413	ug/l	99
48) Methyl methacrylate	7.74	41	61621	18.802	ug/l	99
49) 1,4-Dioxane	7.71	88	26542	395.749	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	401757	96.477	ug/l	99
52) Toluene	8.76	92	152455	20.002	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	95612	19.368	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	102766	19.518	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	62042	19.521	ug/l	98
56) Ethyl methacrylate	9.16	69	84145	18.648	ug/l	99
57) 1,3-Dichloropropane	9.35	76	104036	19.678	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	230440	100.579	ug/l	99
59) 2-Hexanone	9.47	43	300234	95.524	ug/l	98
60) Dibromochloromethane	9.57	129	73821	19.012	ug/l	99
61) 1,2-Dibromoethane	9.65	107	65900	19.060	ug/l	100
64) Tetrachloroethene	9.32	164	64752	17.478	ug/l	96
65) Chlorobenzene	10.12	112	169089	19.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	65449	18.898	ug/l	97
67) Ethyl Benzene	10.23	91	282436	19.504	ug/l	99
68) m/p-Xylenes	10.34	106	219187	39.781	ug/l	99
69) o-Xylene	10.68	106	102581	19.484	ug/l	99
70) Styrene	10.70	104	178744	19.778	ug/l	99
71) Bromoform	10.84	173	55660	19.046	ug/l #	99
73) Isopropylbenzene	11.00	105	283058	19.417	ug/l	99
74) N-amyl acetate	10.88	43	113760	19.501	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	90058	20.347	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	85324m	19.856	ug/l	
77) Bromobenzene	11.24	156	75483	18.180	ug/l	92
78) n-propylbenzene	11.34	91	326543	19.945	ug/l	99
79) 2-Chlorotoluene	11.40	91	197594	19.585	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	241202	19.492	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	31078	18.347	ug/l	98
82) 4-Chlorotoluene	11.49	91	234736	19.632	ug/l	98
83) tert-Butylbenzene	11.76	119	236917	19.805	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	247735	19.816	ug/l	100
85) sec-Butylbenzene	11.93	105	273897	19.557	ug/l	99
86) p-Isopropyltoluene	12.05	119	256891	19.386	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	136562	18.386	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	142533	18.994	ug/l	98
89) n-Butylbenzene	12.37	91	219023	19.380	ug/l	99
90) Hexachloroethane	12.58	117	48969	19.465	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	129850	18.603	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19134	16.383	ug/l	99

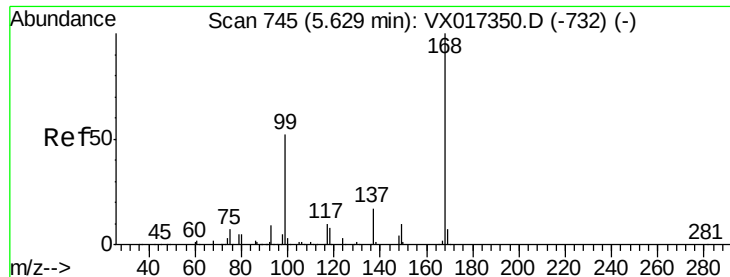
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
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Quant Time: Jul 21 02:18:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84927	17.528	ug/l	100
94) Hexachlorobutadiene	13.77	225	35395	17.913	ug/l	99
95) Naphthalene	13.82	128	257520	18.077	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	84170	17.984	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

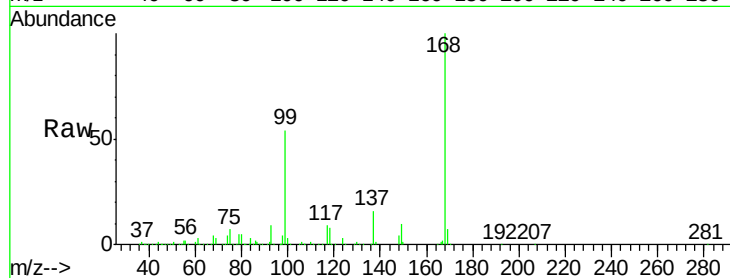
VX0720WBS01

Tot Ion:168 Resp: 298668

Ion Ratio Lower Upper

168 100

99 53.7 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

120000

100000

80000

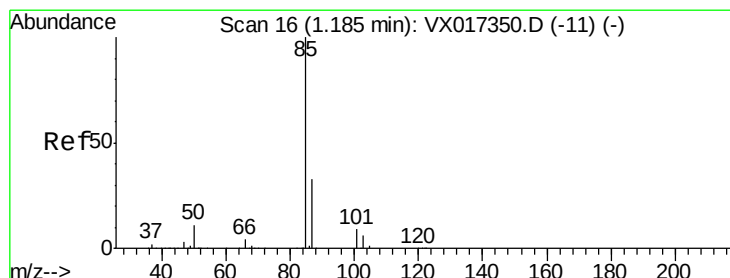
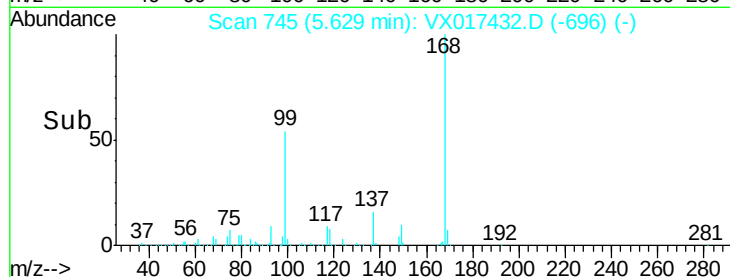
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.809 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017432.D

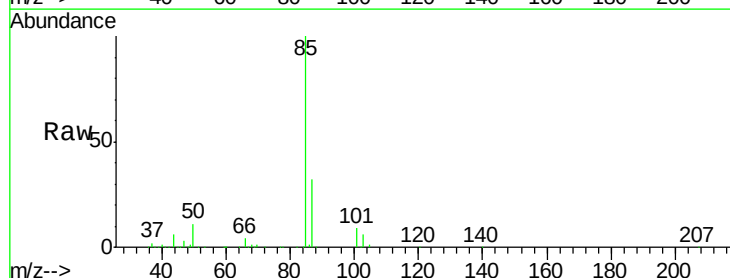
Acq: 20 Jul 2020 11:43

Tgt Ion: 85 Resp: 52589

Ion Ratio Lower Upper

85 100

87 32.2 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

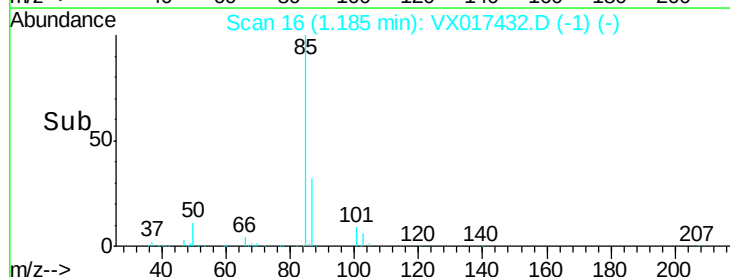
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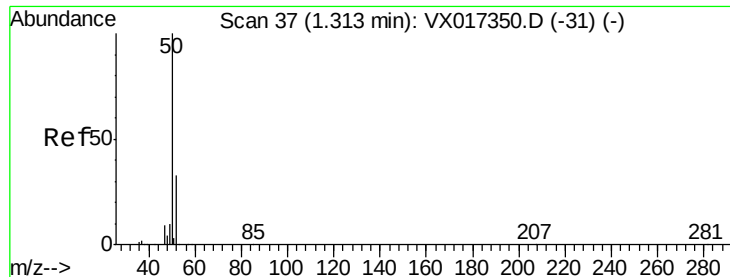
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.430 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

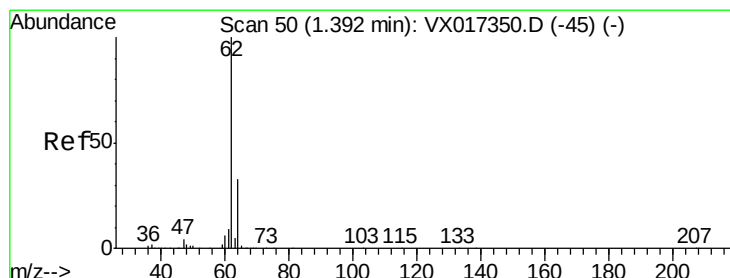
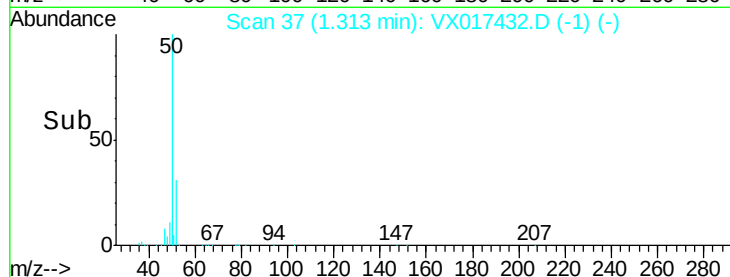
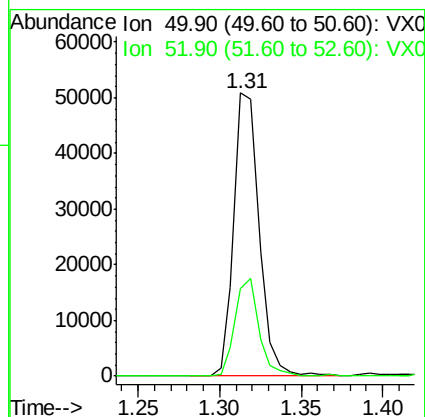
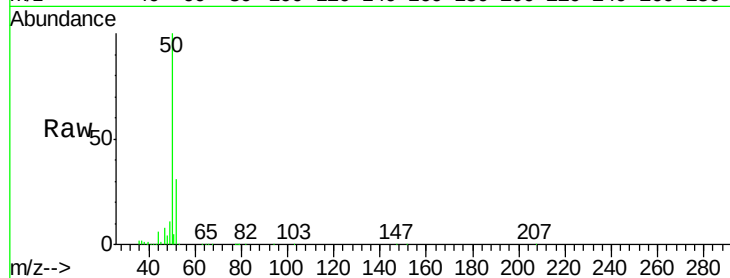
VX0720WBS01

Tot Ion: 50 Resp: 55283

Ion Ratio Lower Upper

50 100

52 31.2 26.7 40.1



#4

Vinyl Chloride

Concen: 19.958 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017432.D

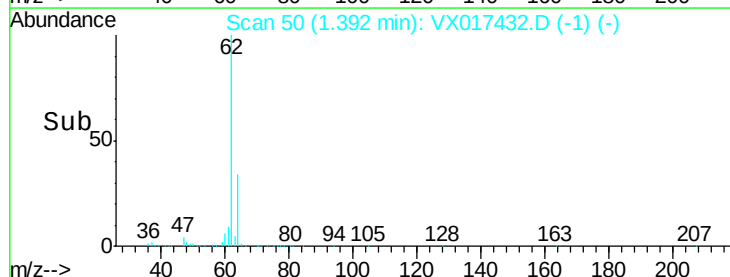
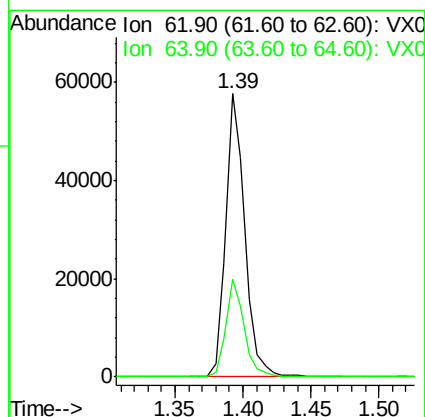
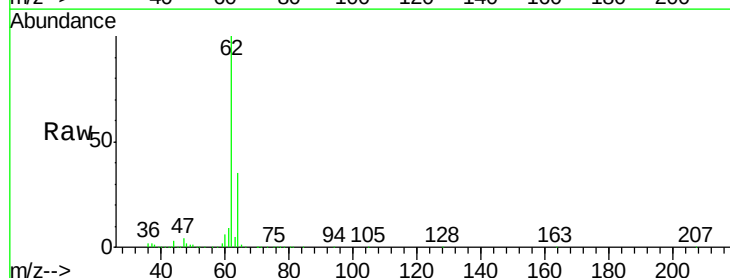
Acq: 20 Jul 2020 11:43

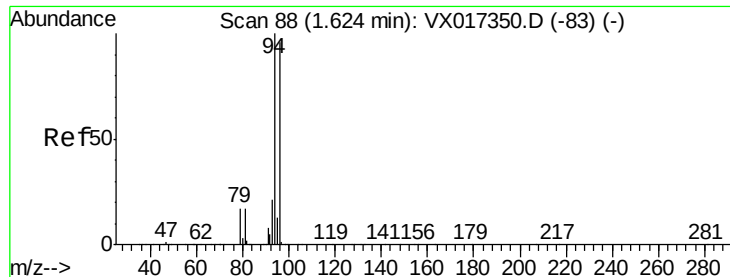
Tgt Ion: 62 Resp: 56176

Ion Ratio Lower Upper

62 100

64 34.7 26.3 39.5





#5

Bromomethane

Concen: 19.162 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

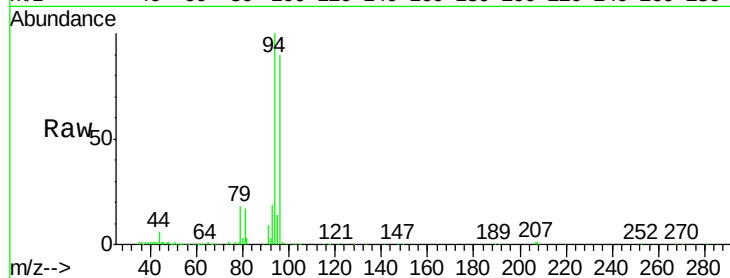
VX0720WBS01

Tot Ion: 94 Resp: 35111

Ion Ratio Lower Upper

94 100

96 90.1 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

30000

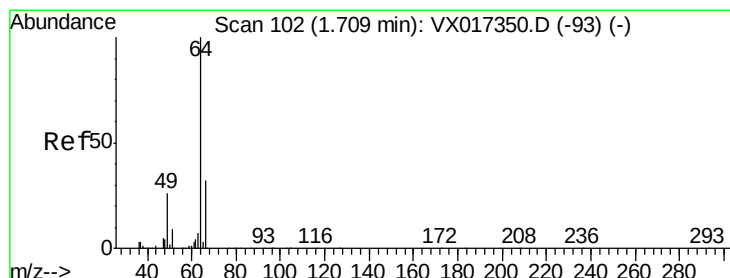
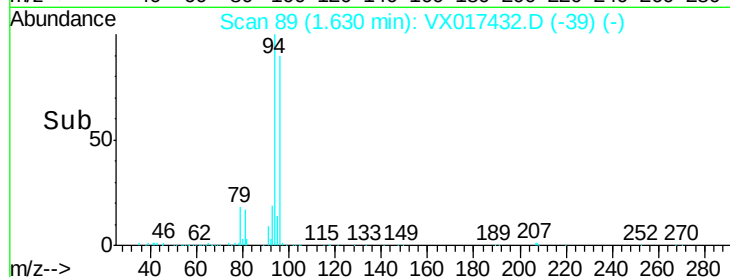
20000

10000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 19.566 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017432.D

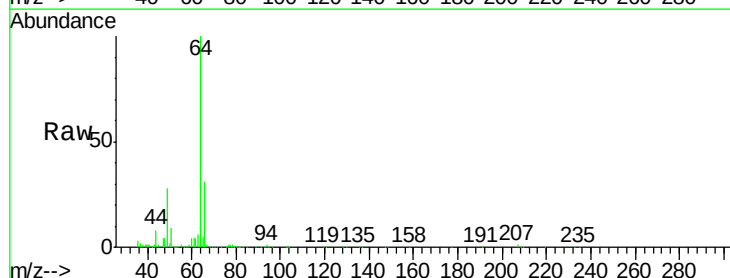
Acq: 20 Jul 2020 11:43

Tgt Ion: 64 Resp: 34762

Ion Ratio Lower Upper

64 100

66 30.4 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

25000

20000

15000

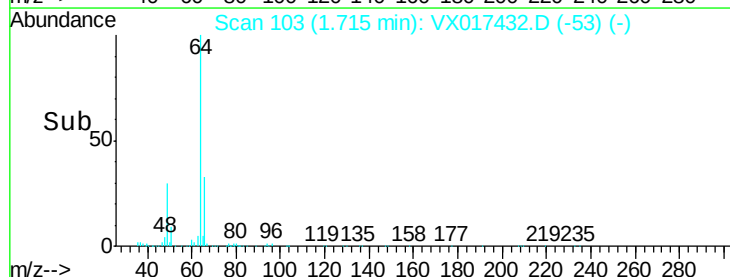
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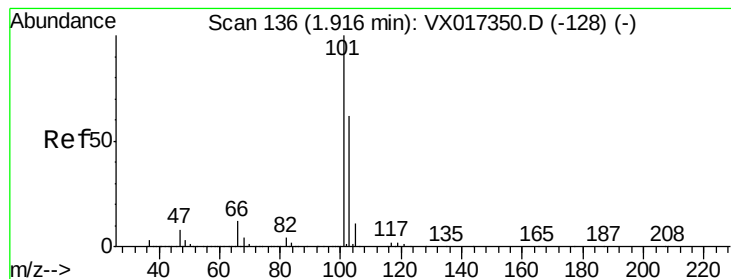
5000

0

Time-->

1.60 1.70 1.80



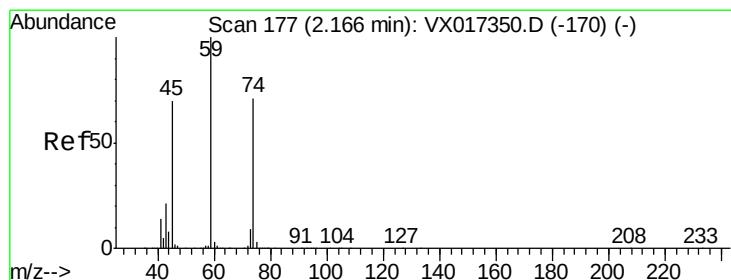
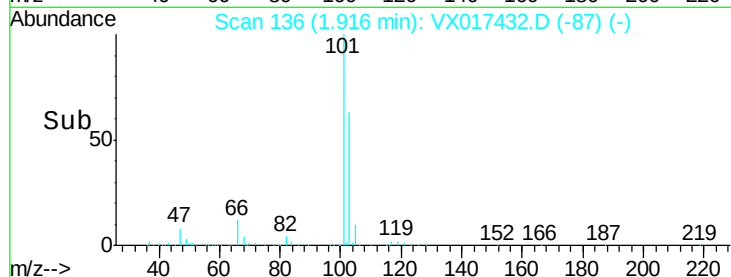
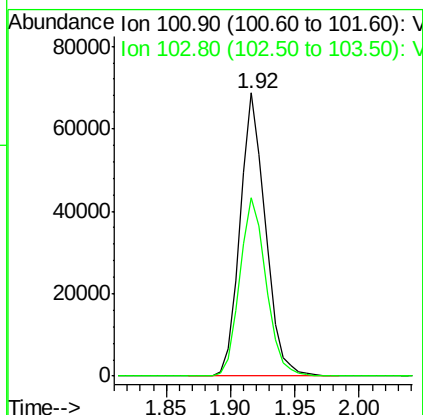
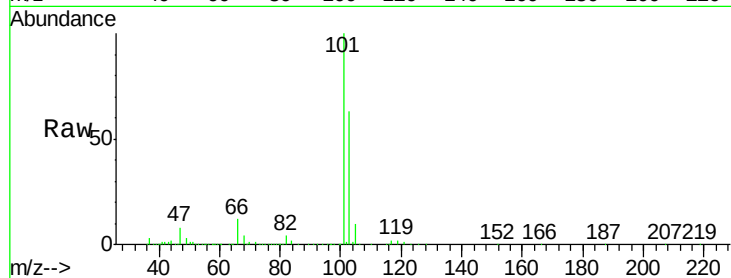


#7

Trichlorofluoromethane
Concen: 19.733 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

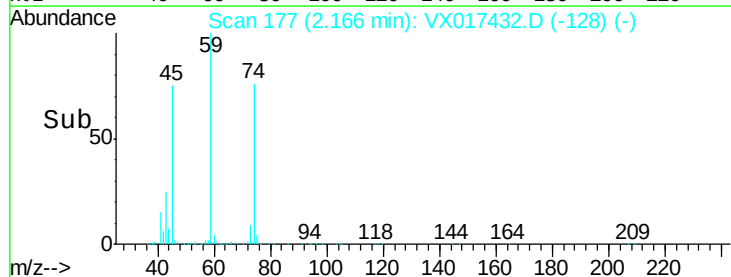
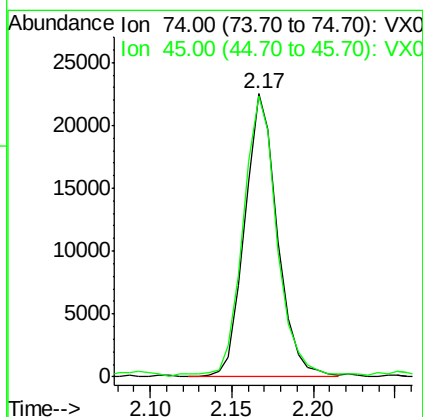
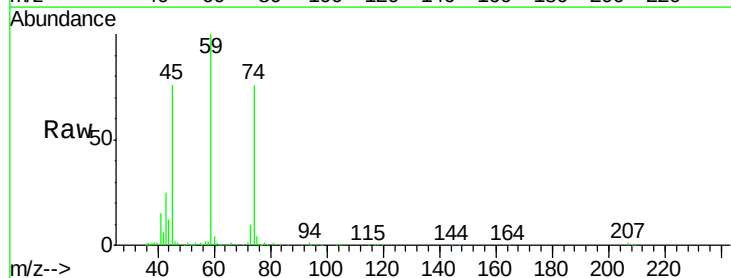
Tot Ion:101 Resp: 93747
Ion Ratio Lower Upper
101 100
103 62.9 49.6 74.4

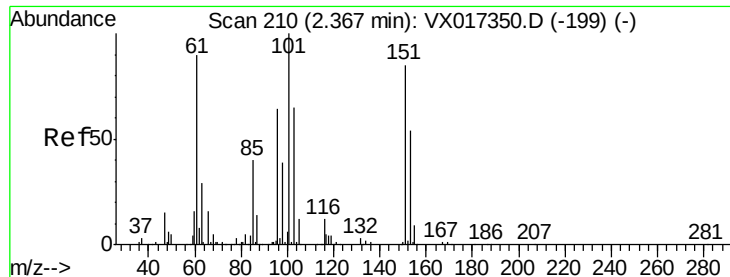


#8

Diethyl Ether
Concen: 18.496 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Tgt Ion: 74 Resp: 31060
Ion Ratio Lower Upper
74 100
45 105.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.807 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

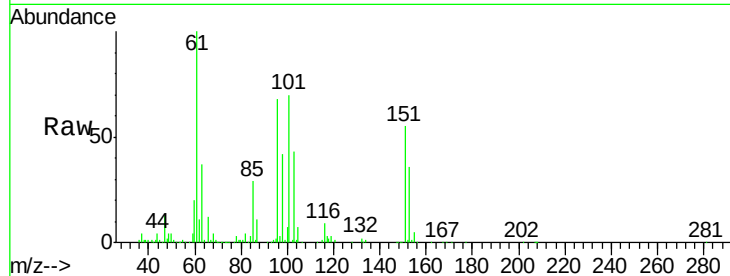
Tot Ion:101 Resp: 50897

Ion Ratio Lower Upper

101 100

85 45.4 33.7 50.5

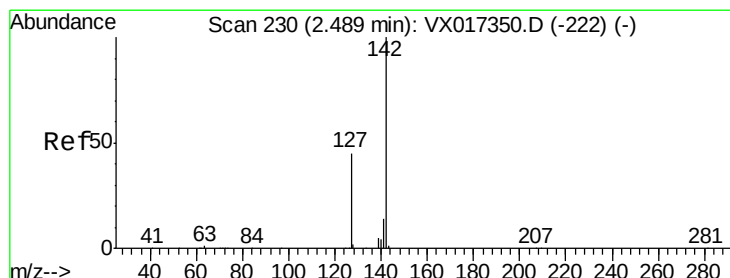
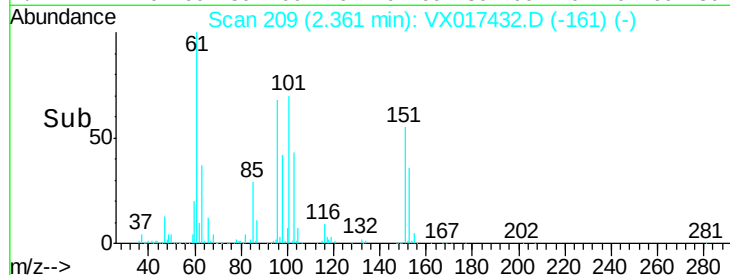
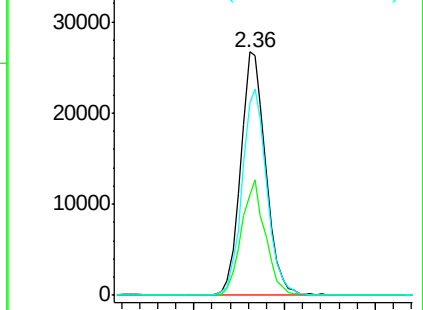
151 83.7 66.4 99.6



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: 17.794 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

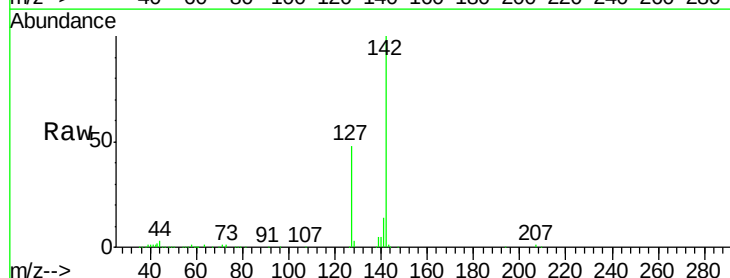
Tgt Ion:142 Resp: 58063

Ion Ratio Lower Upper

142 100

127 45.1 36.8 55.2

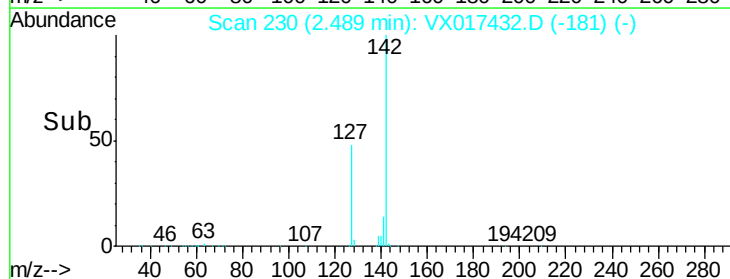
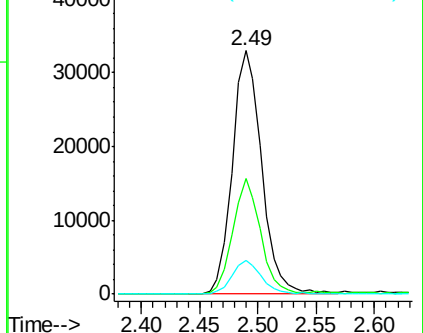
141 14.0 11.4 17.0

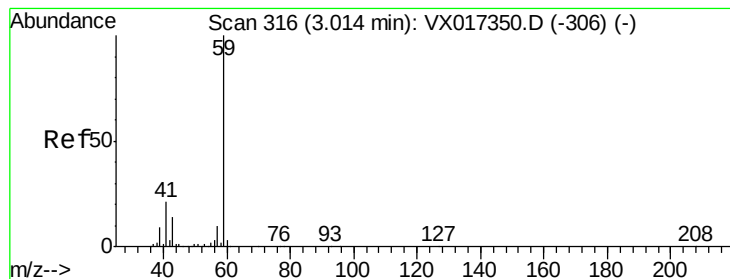


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



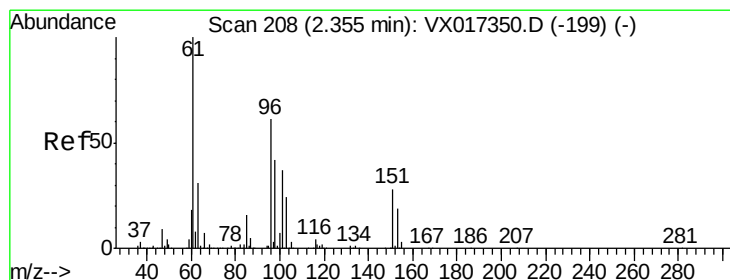
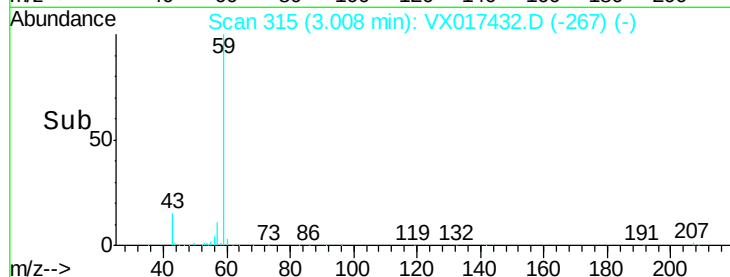
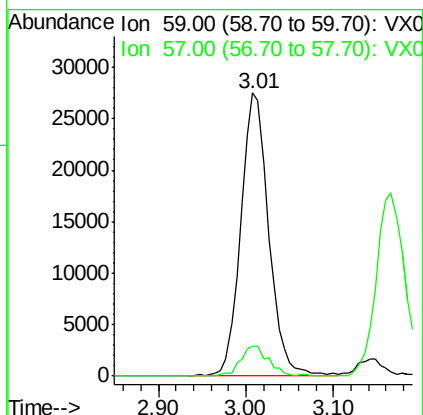
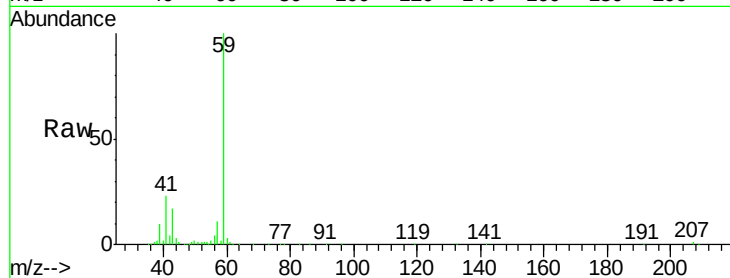


#11

Tert butyl alcohol
 Concen: 95.962 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

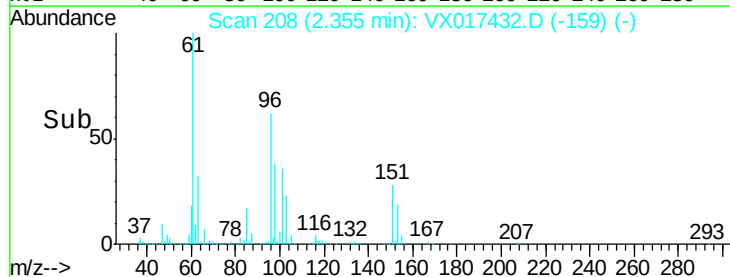
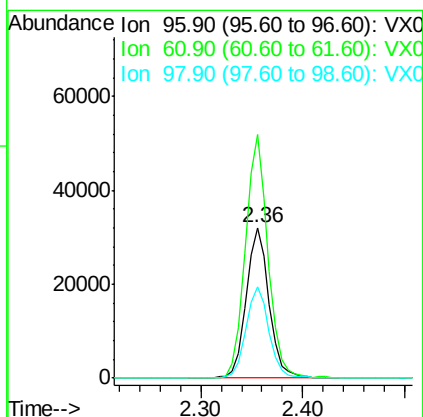
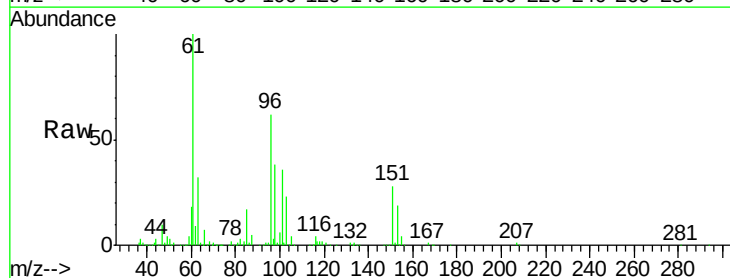
Tot Ion: 59 Resp: 60606
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.3 12.5

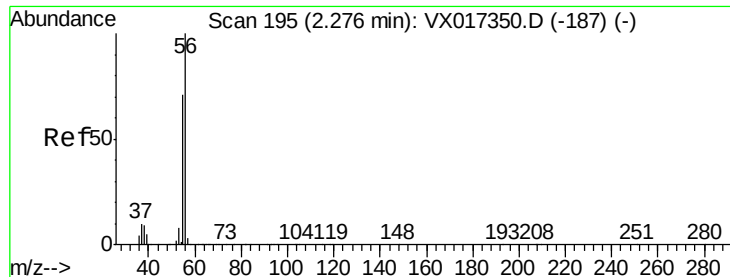


#12

1,1-Dichloroethene
 Concen: 18.107 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Tgt Ion: 96 Resp: 49215
 Ion Ratio Lower Upper
 96 100
 61 161.9 131.5 197.3
 98 61.2 55.1 82.7





#13

Acrolein

Concen: 17.770 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

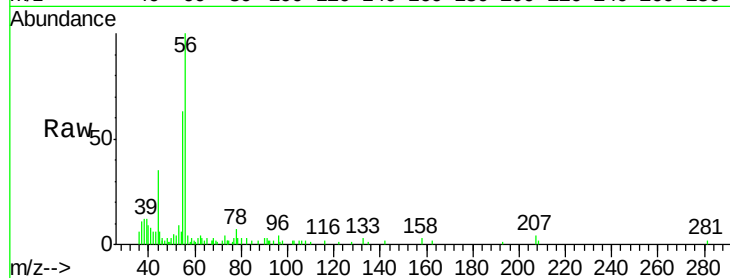
VX0720WBS01

Tot Ion: 56 Resp: 6152

Ion Ratio Lower Upper

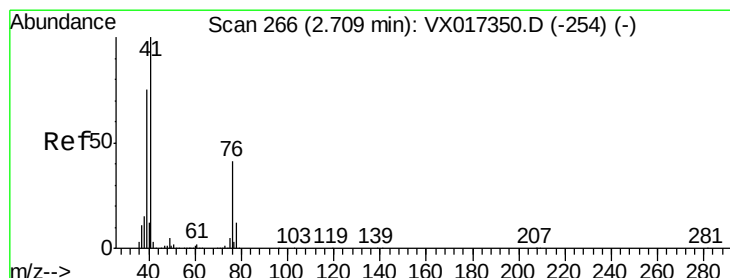
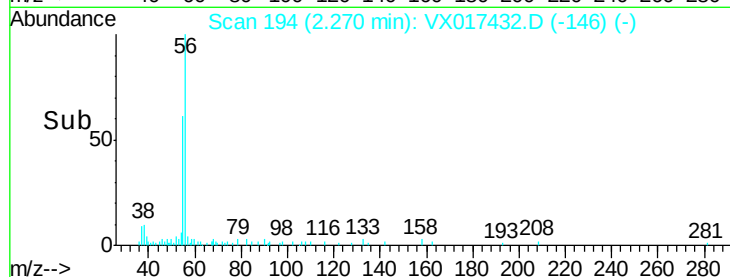
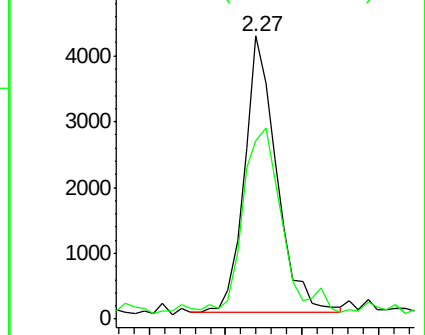
56 100

55 86.2 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.245 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

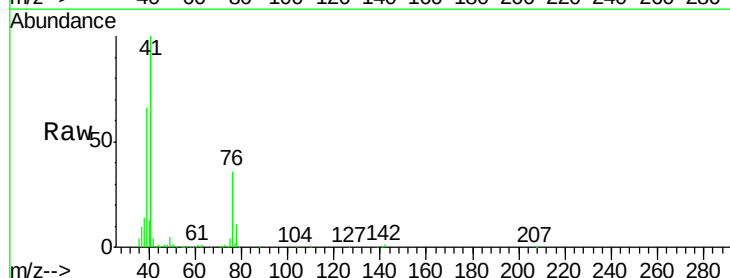
Tgt Ion: 41 Resp: 95344

Ion Ratio Lower Upper

41 100

39 62.9 53.0 79.4

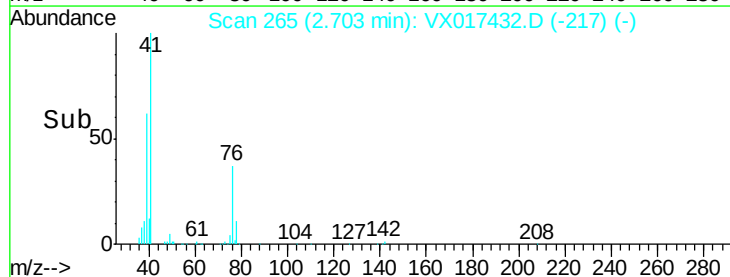
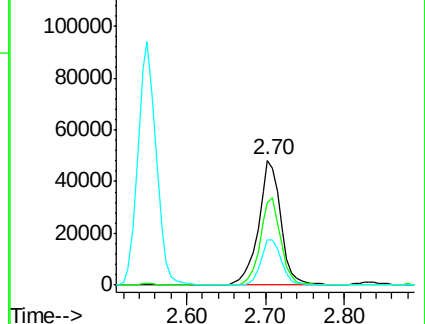
76 33.5 28.2 42.2

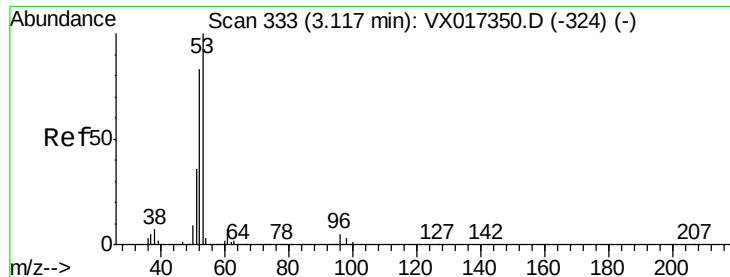


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 96.239 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

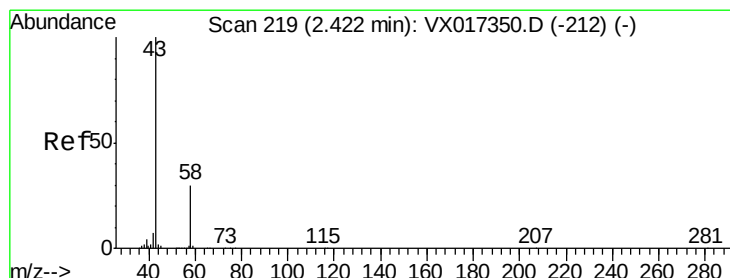
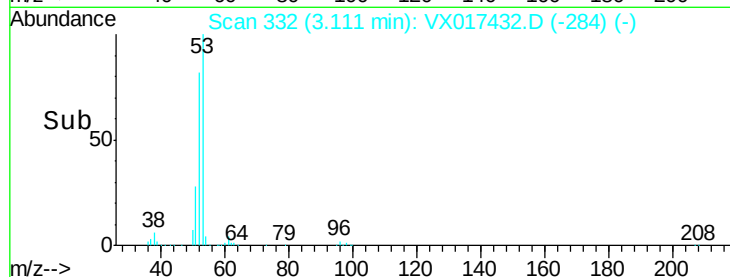
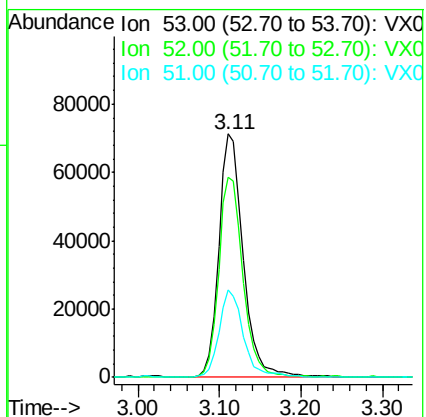
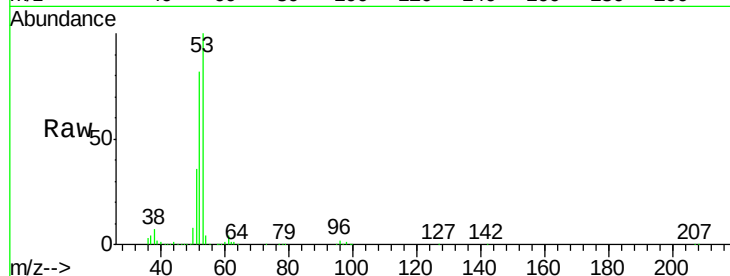
Tot Ion: 53 Resp: 147342

Ion Ratio Lower Upper

53 100

52 82.5 65.8 98.6

51 36.1 29.2 43.8



#16

Acetone

Concen: 91.872 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017432.D

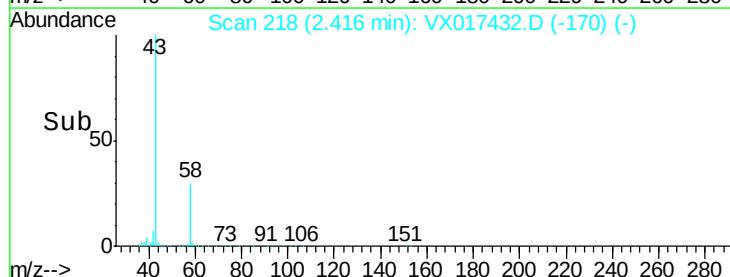
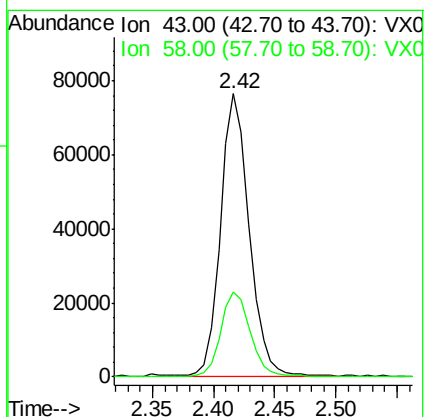
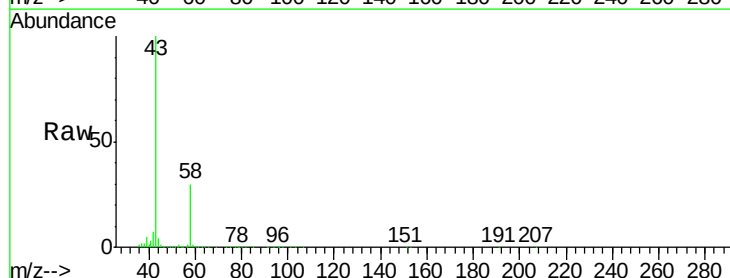
Acq: 20 Jul 2020 11:43

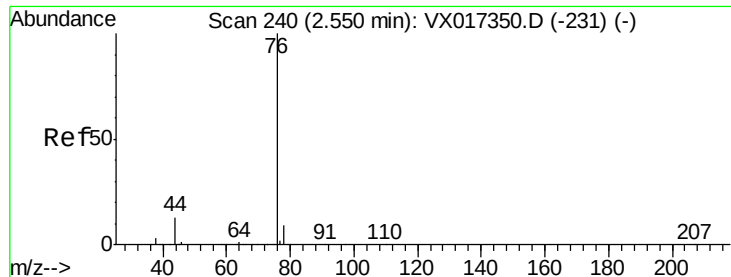
Tgt Ion: 43 Resp: 122862

Ion Ratio Lower Upper

43 100

58 29.9 24.2 36.2





#17

Carbon Disulfide

Concen: 19.171 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampled :

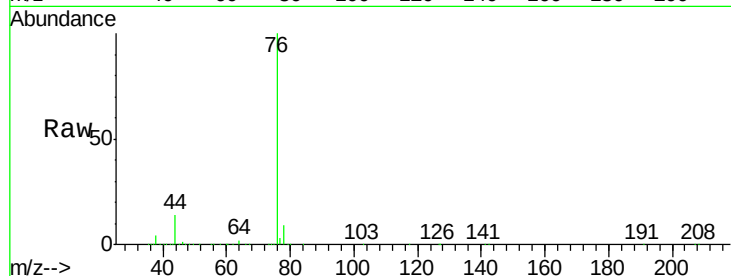
VX0720WBS01

Tot Ion: 76 Resp: 152000

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

100000

80000

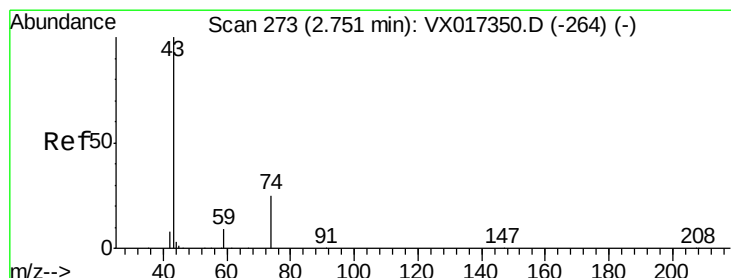
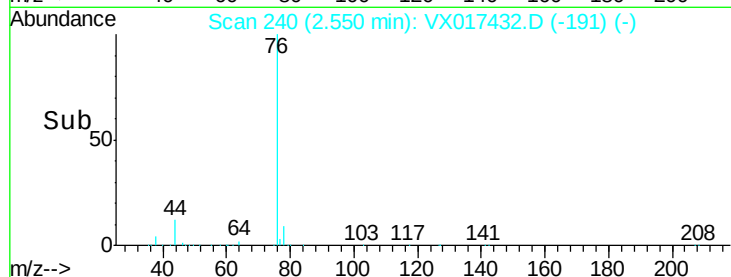
60000

40000

20000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 19.523 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017432.D

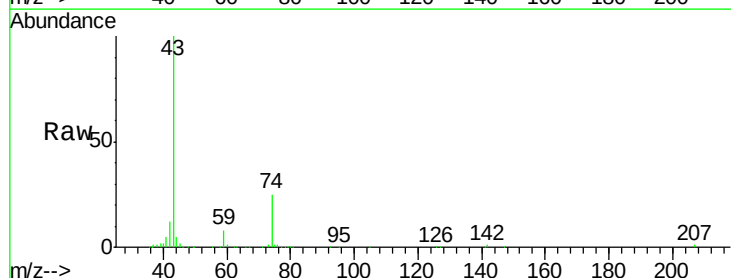
Acq: 20 Jul 2020 11:43

Tgt Ion: 43 Resp: 64484

Ion Ratio Lower Upper

43 100

74 24.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

40000

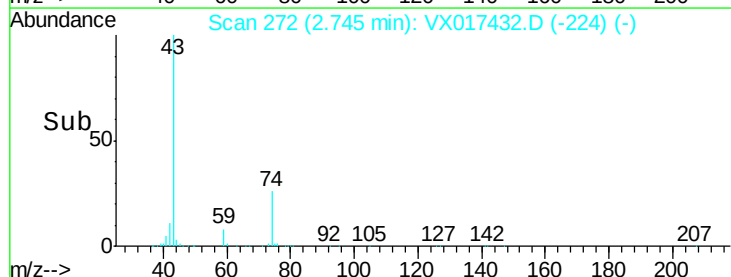
30000

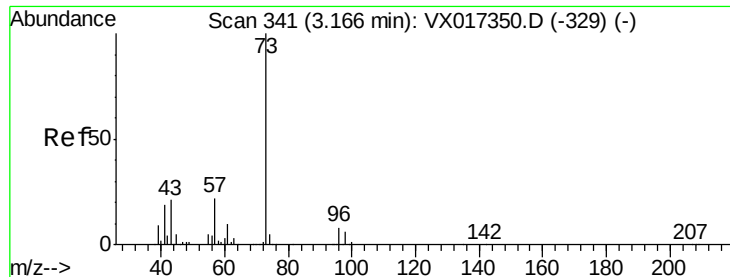
20000

10000

0

Time--> 2.65 2.70 2.75 2.80 2.85



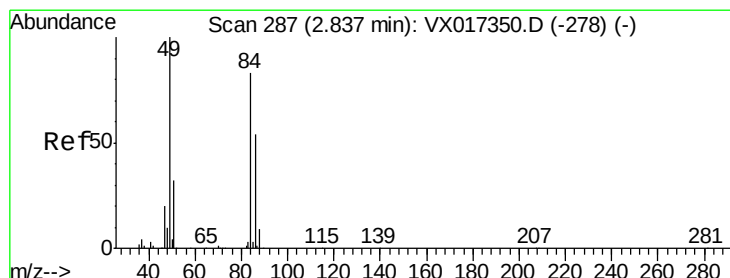
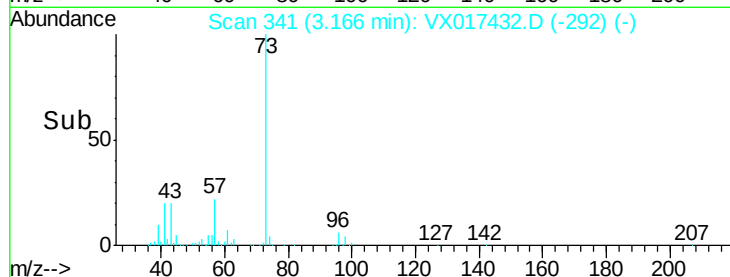
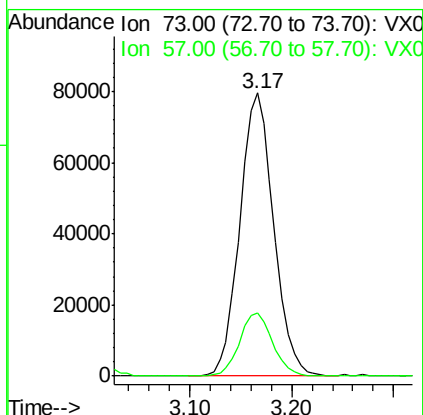
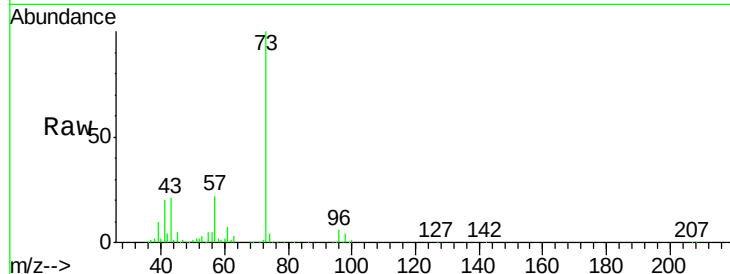


#19

Methyl tert-butyl Ether
 Concen: 19.756 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

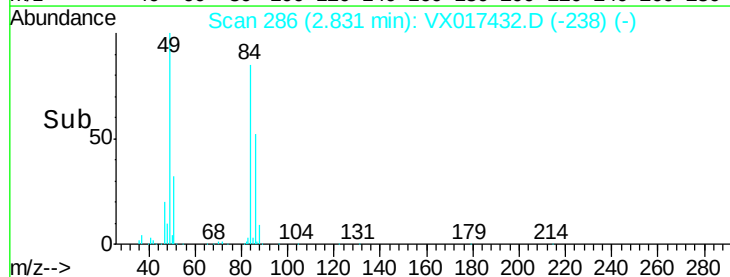
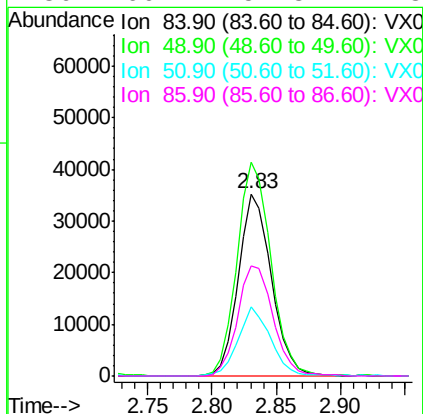
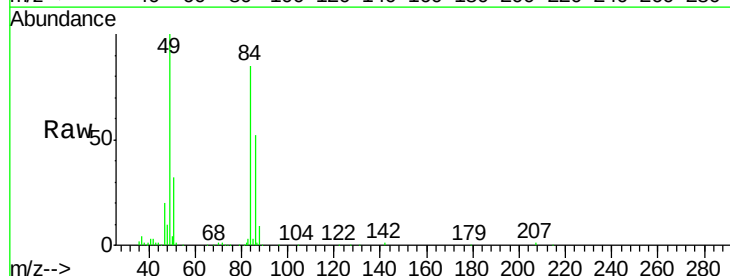
Tot Ion: 73 Resp: 182322
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.5 26.3

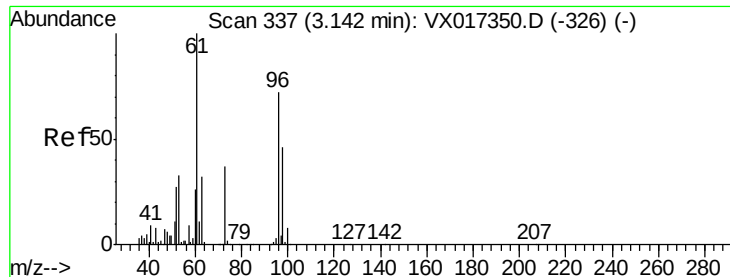


#20

Methylene Chloride
 Concen: 19.235 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Tgt Ion: 84 Resp: 62760
 Ion Ratio Lower Upper
 84 100
 49 117.1 95.8 143.8
 51 37.7 31.0 46.4
 86 60.7 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 19.064 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampled :

VX0720WBS01

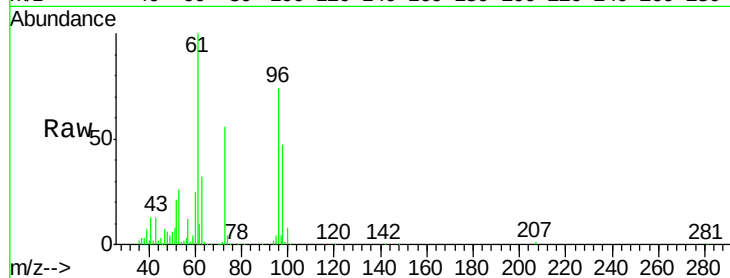
Tot Ion: 96 Resp: 59283

Ion Ratio Lower Upper

96 100

61 135.6 111.1 166.7

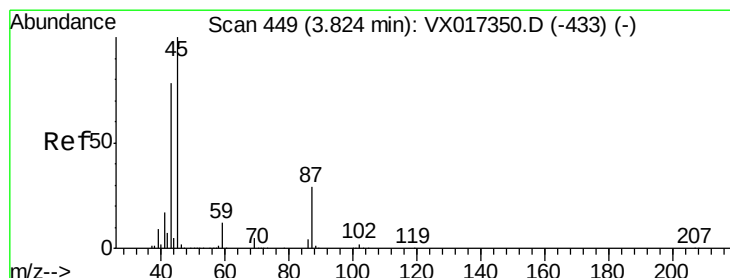
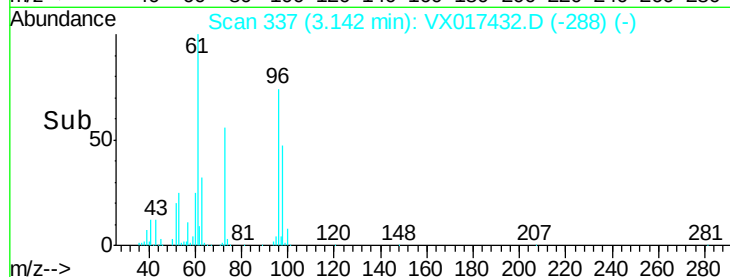
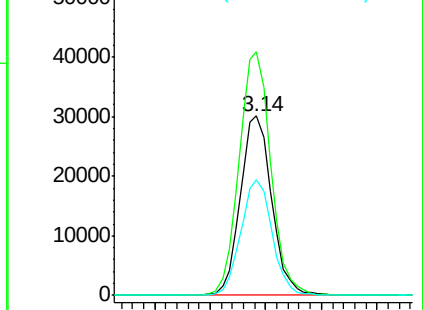
98 64.4 51.4 77.0



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: 20.970 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Tgt Ion: 45 Resp: 188127

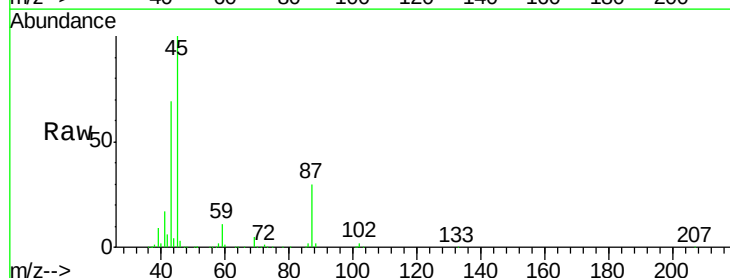
Ion Ratio Lower Upper

45 100

43 69.3 62.2 93.2

87 30.4 23.0 34.6

59 10.8 9.6 14.4

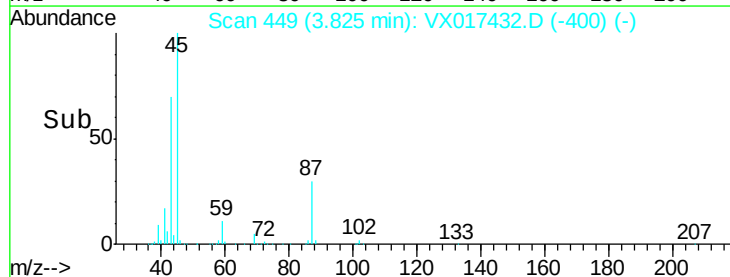
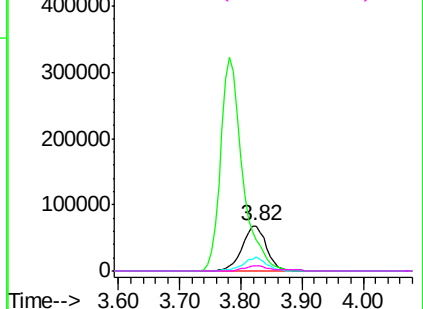


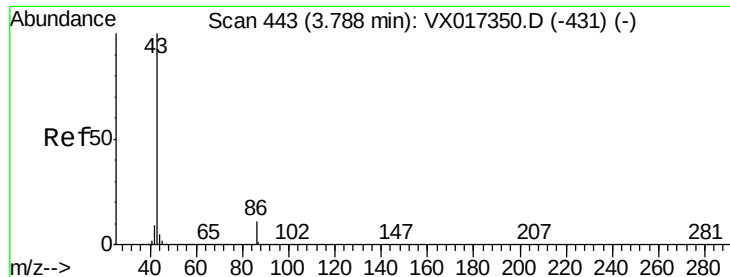
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 101.839 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

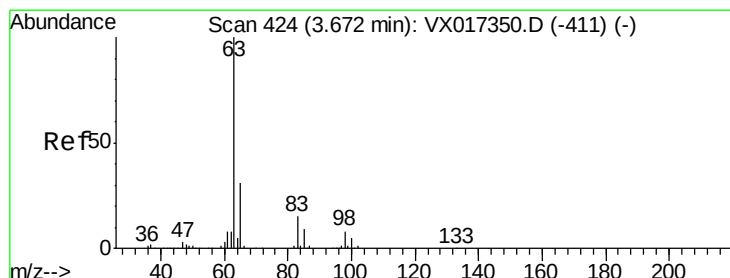
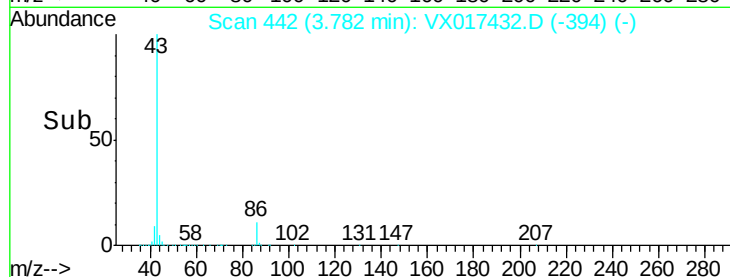
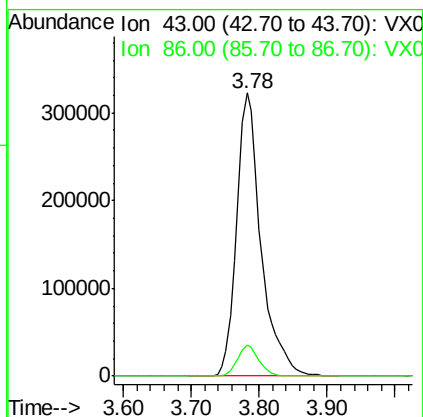
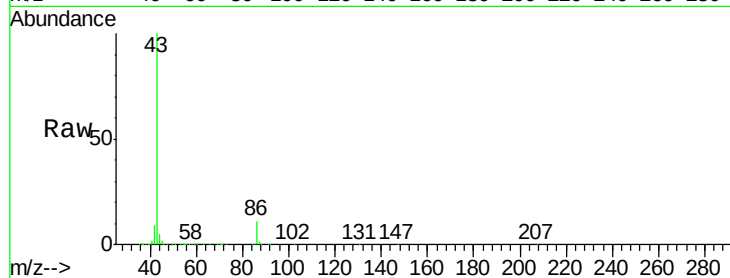
VX0720WBS01

Tot Ion: 43 Resp: 803484

Ion Ratio Lower Upper

43 100

86 11.0 9.0 13.4



#24

1,1-Dichloroethane

Concen: 20.100 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

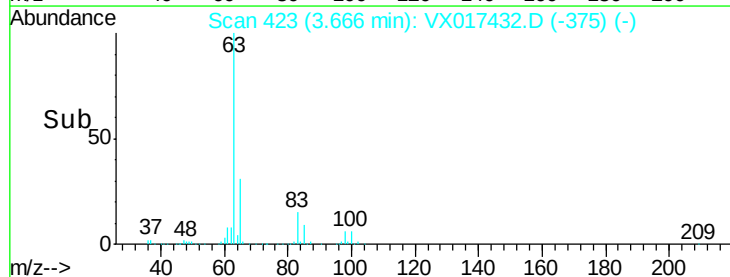
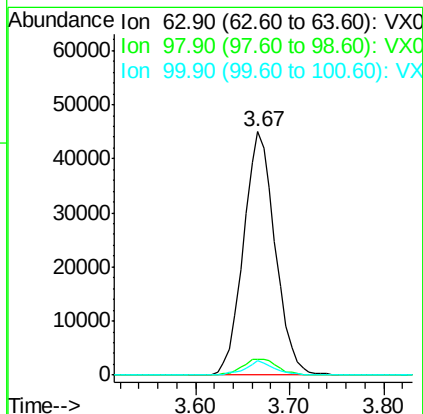
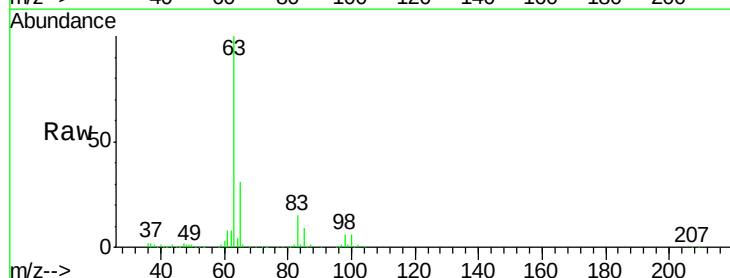
Tgt Ion: 63 Resp: 105974

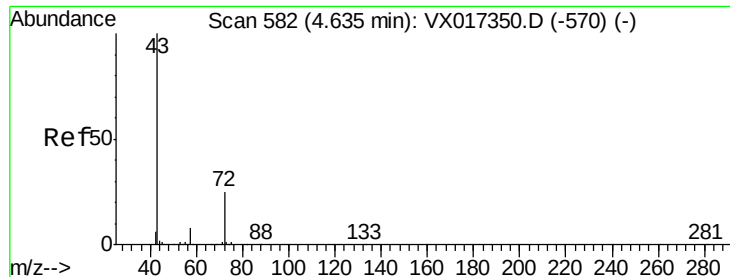
Ion Ratio Lower Upper

63 100

98 6.3 3.9 11.5

100 5.7 2.5 7.5





#25

2-Butanone

Concen: 94.113 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

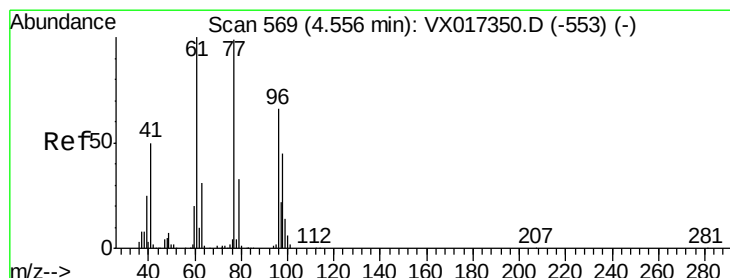
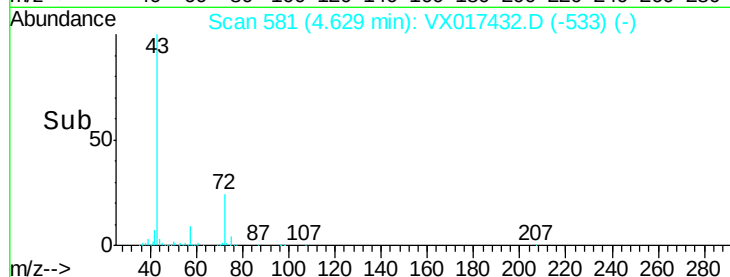
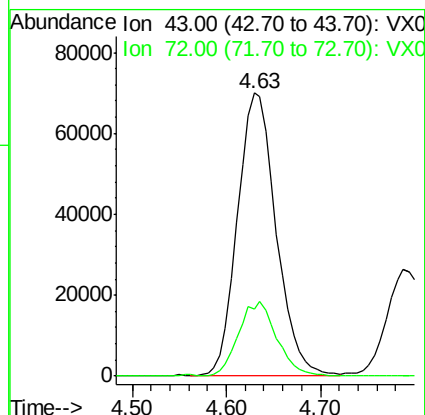
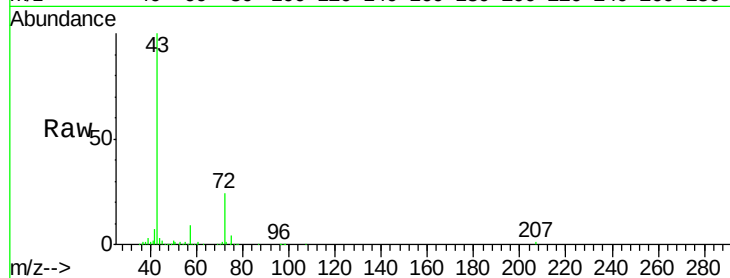
VX0720WBS01

Tot Ion: 43 Resp: 199901

Ion Ratio Lower Upper

43 100

72 23.6 20.4 30.6



#26

2,2-Dichloropropane

Concen: 19.626 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017432.D

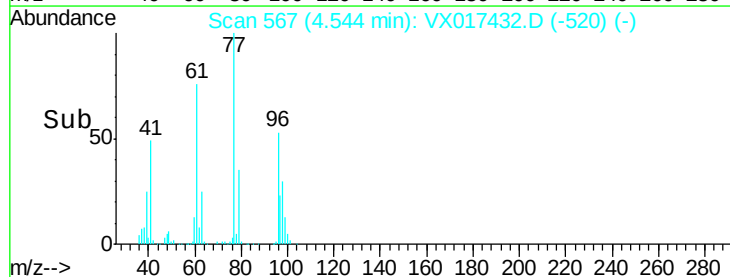
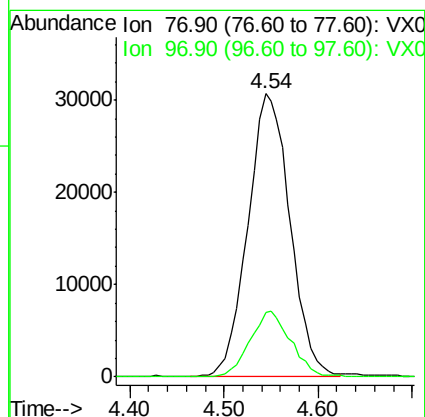
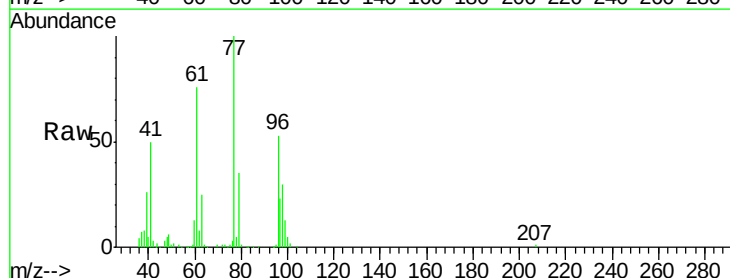
Acq: 20 Jul 2020 11:43

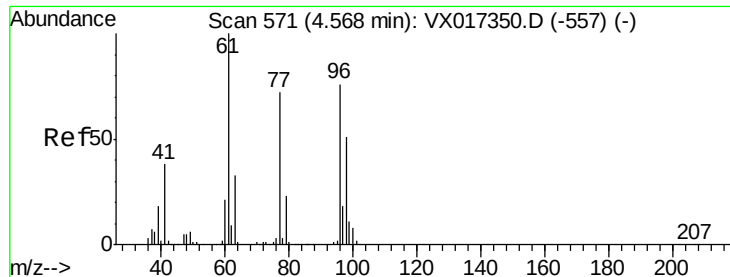
Tgt Ion: 77 Resp: 96299

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3



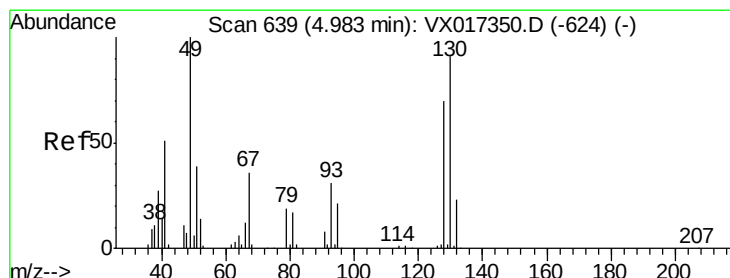
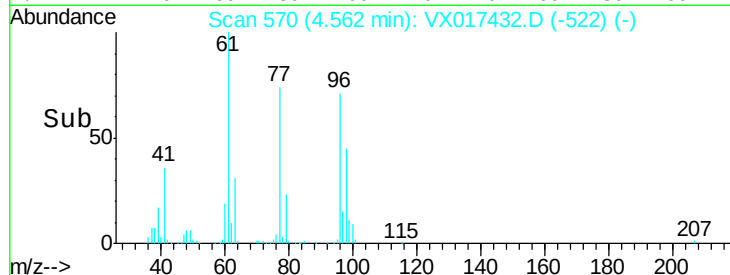
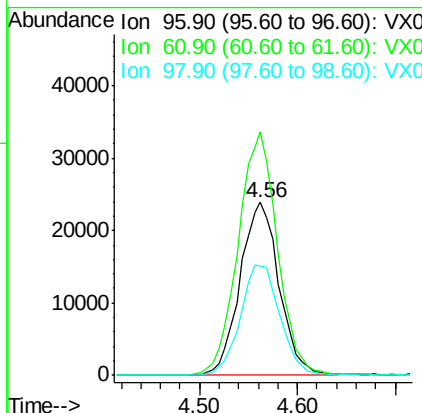
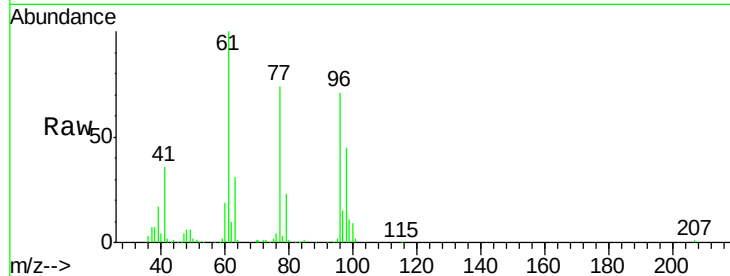


#27

cis-1,2-Dichloroethene
Concen: 19.361 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

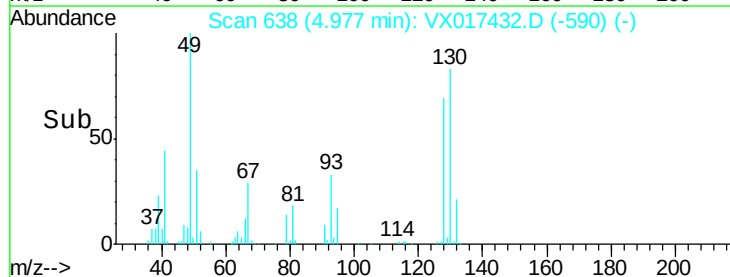
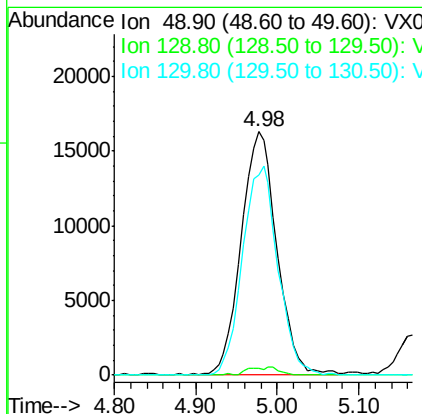
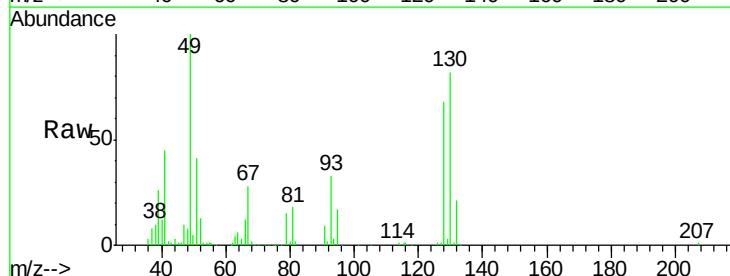
Tot Ion	96	Resp	66025
Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	281.2
98	64.9	0.0	131.4

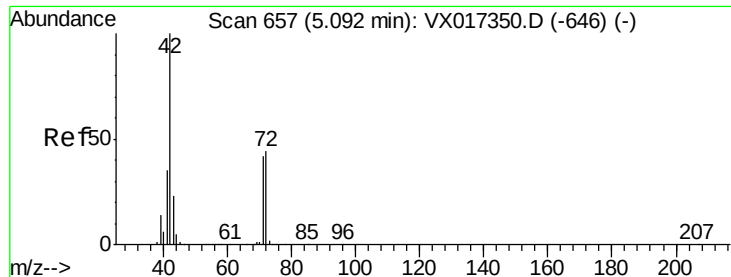


#28

Bromochloromethane
Concen: 20.441 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Tgt Ion	49	Resp	49786
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.8
130	84.6	71.1	106.7





#29

Tetrahydrofuran

Concen: 94.919 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

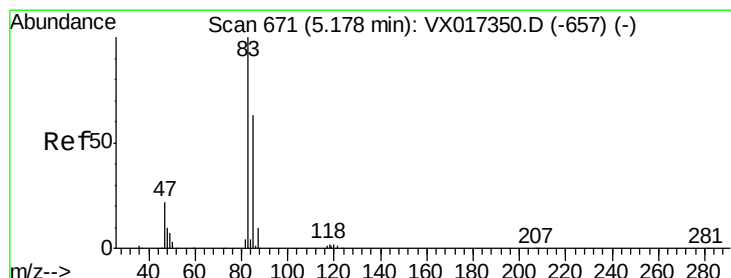
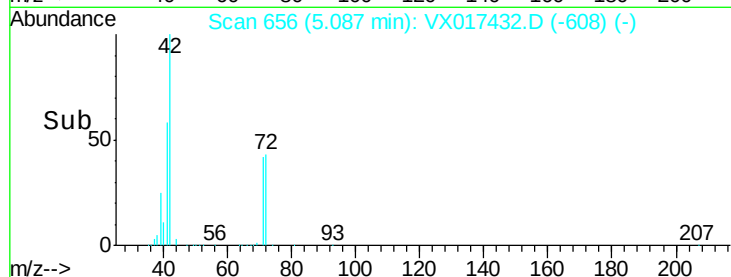
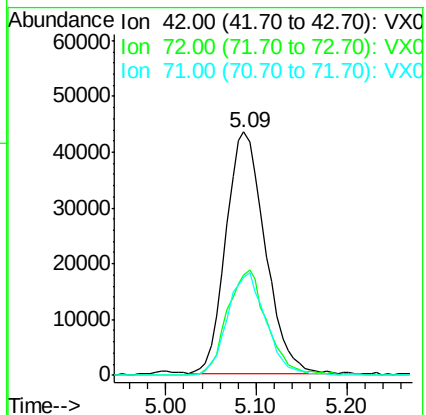
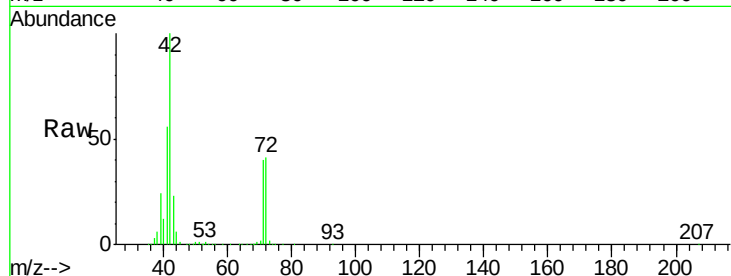
Tot Ion: 42 Resp: 130508

Ion Ratio Lower Upper

42 100

72 44.3 37.2 55.8

71 41.7 34.4 51.6



#30

Chloroform

Concen: 19.495 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017432.D

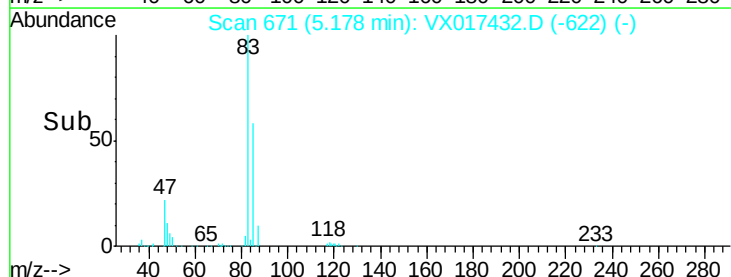
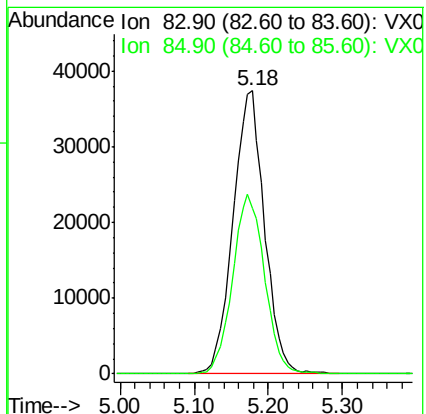
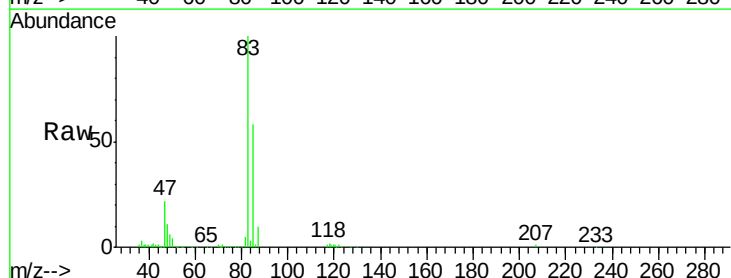
Acq: 20 Jul 2020 11:43

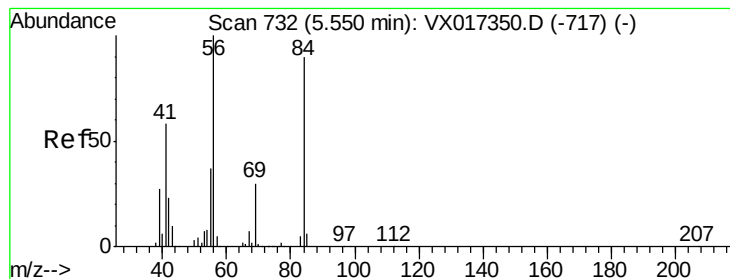
Tgt Ion: 83 Resp: 110583

Ion Ratio Lower Upper

83 100

85 58.4 50.2 75.4





#31

Cyclohexane

Concen: 20.055 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampled :

VX0720WBS01

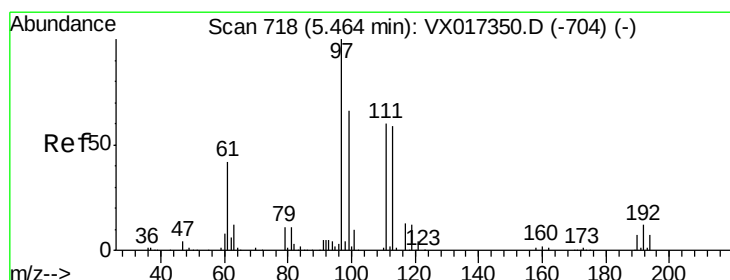
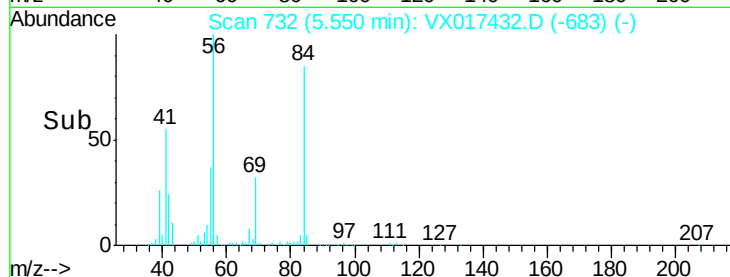
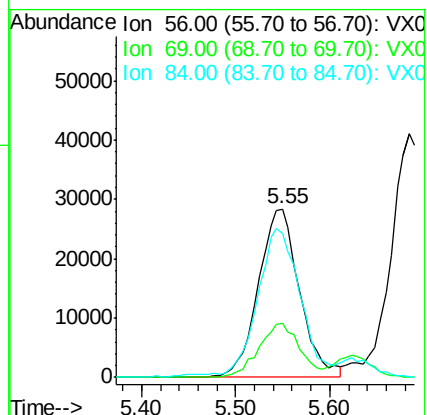
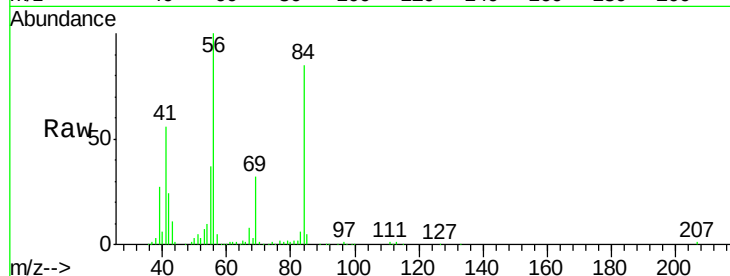
Tot Ion: 56 Resp: 86558

Ion Ratio Lower Upper

56 100

69 32.2 23.7 35.5

84 83.4 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 19.735 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

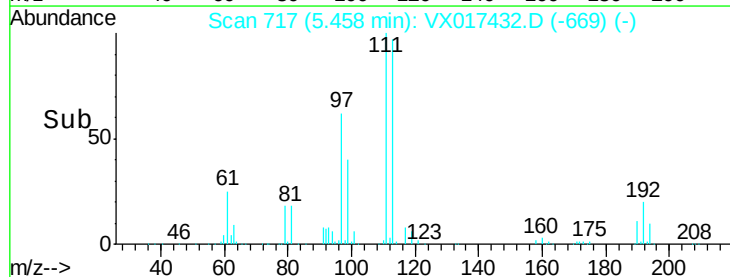
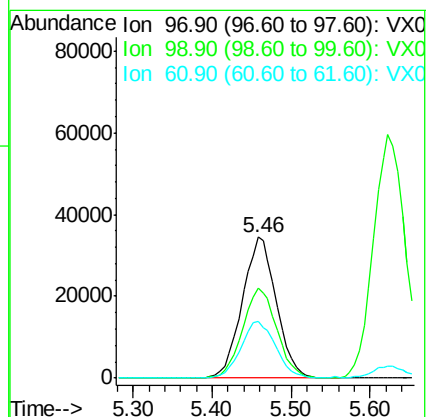
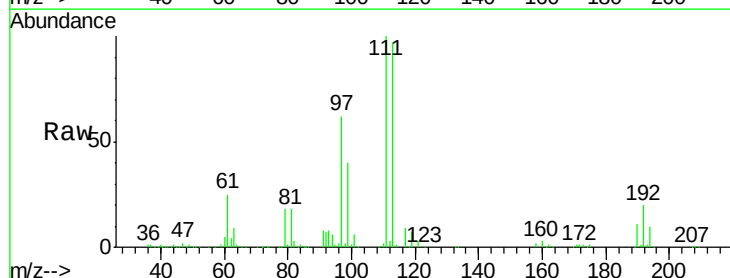
Tgt Ion: 97 Resp: 103485

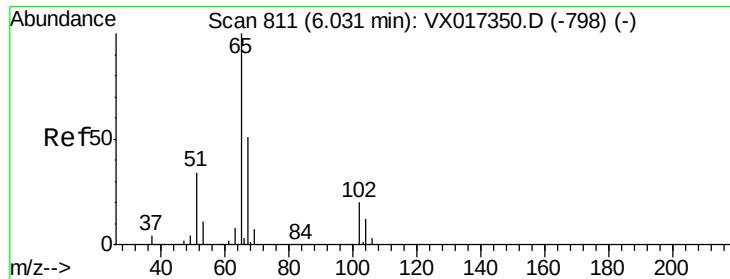
Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 41.1 32.7 49.1

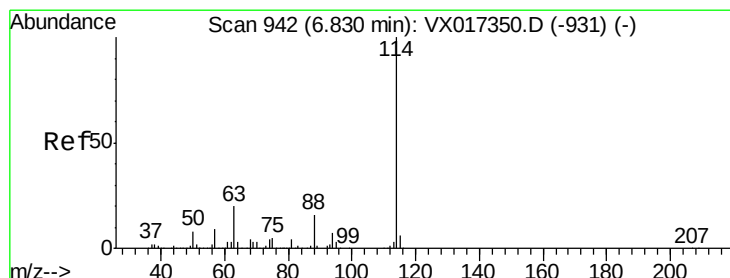
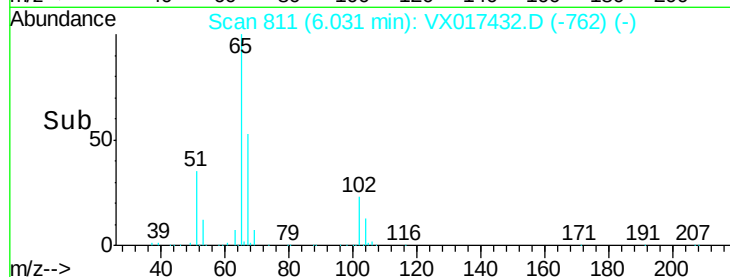
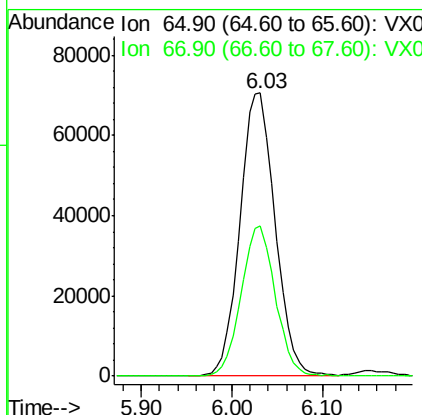
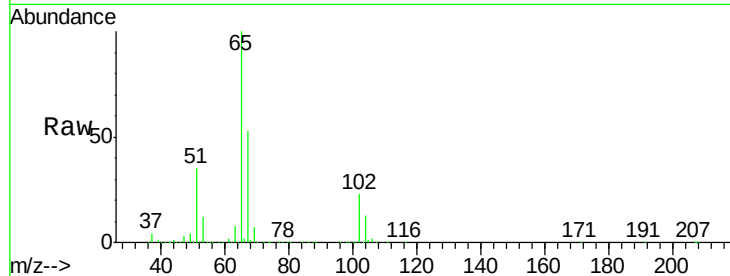




#33
 1,2-Dichloroethane-d4
 Concen: 50.551 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

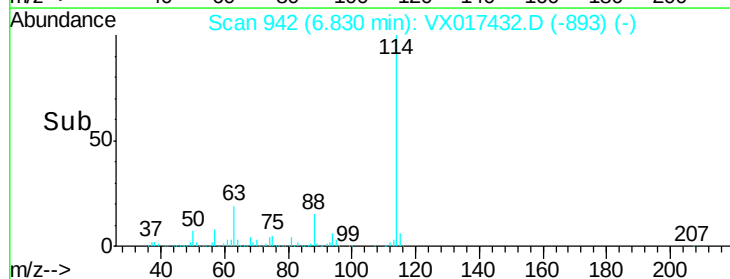
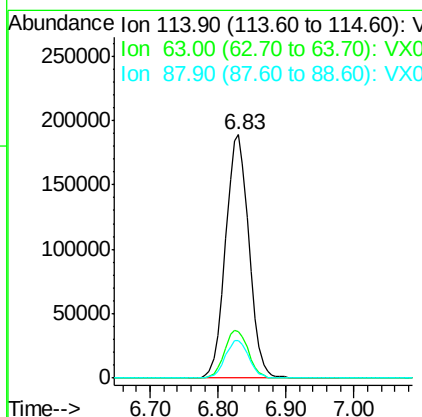
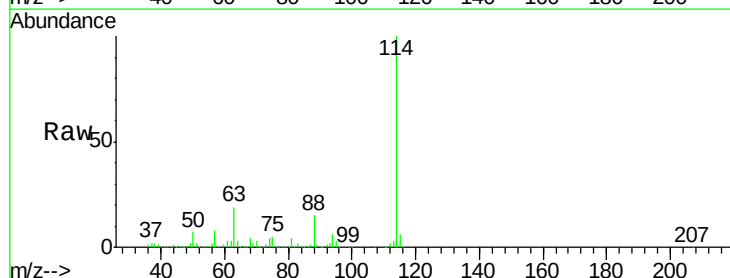
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

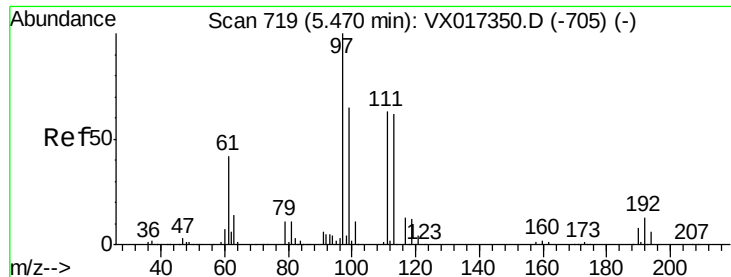
Tot Ion: 65 Resp: 189492
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Tgt Ion: 114 Resp: 449310
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 15.2 0.0 32.8

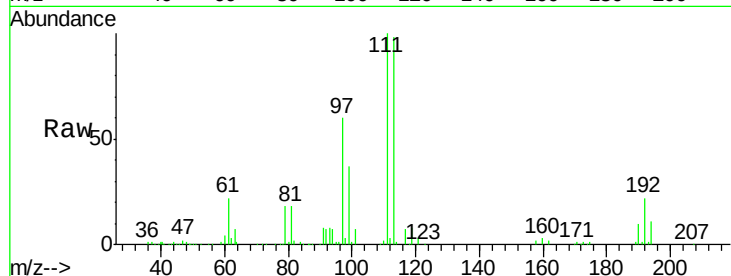




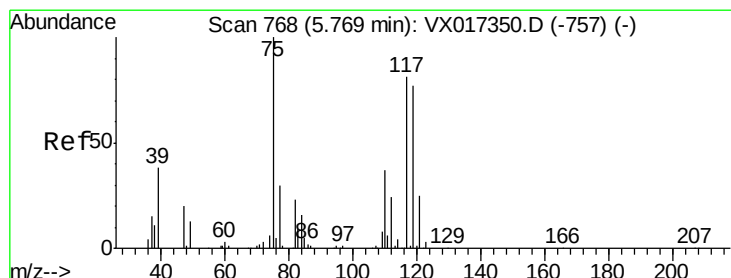
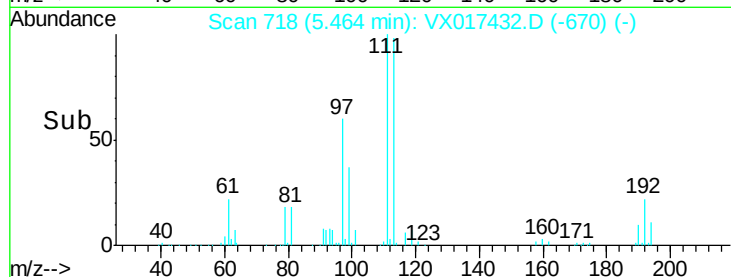
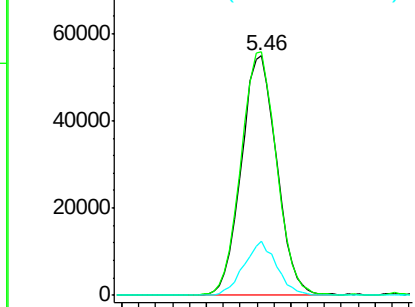
#35
 Dibromofluoromethane
 Concen: 51.694 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Tot Ion:113 Resp: 156459
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.4 123.6
 192 21.1 17.2 25.8

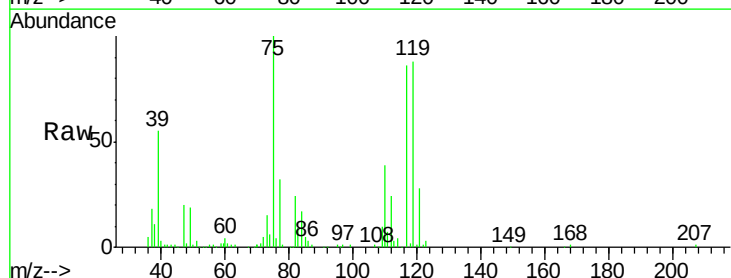


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

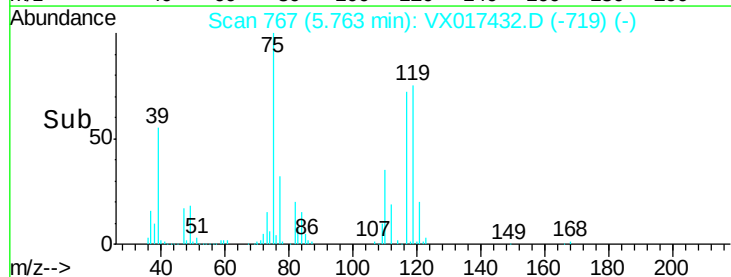
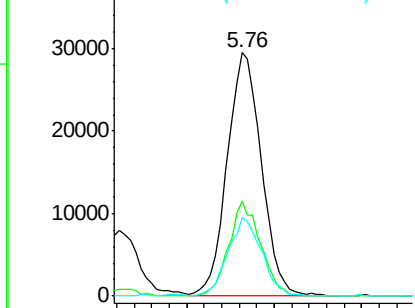


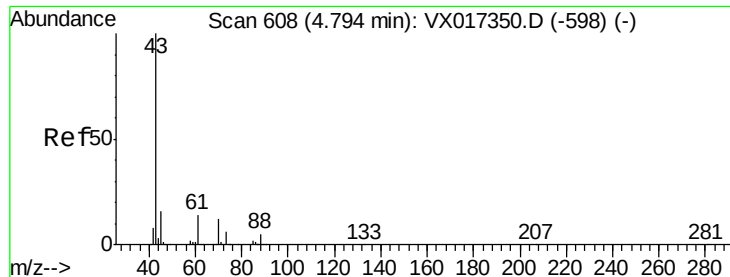
#36
 1,1-Dichloropropene
 Concen: 19.334 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Tgt Ion: 75 Resp: 79902
 Ion Ratio Lower Upper
 75 100
 110 36.5 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

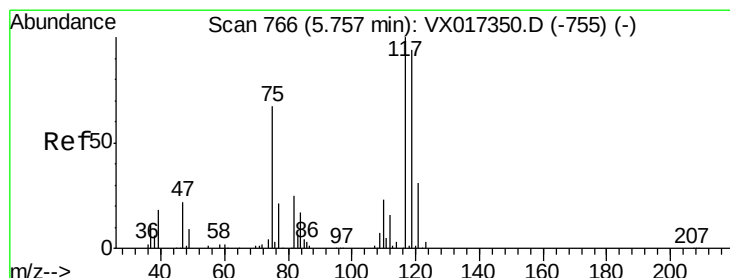
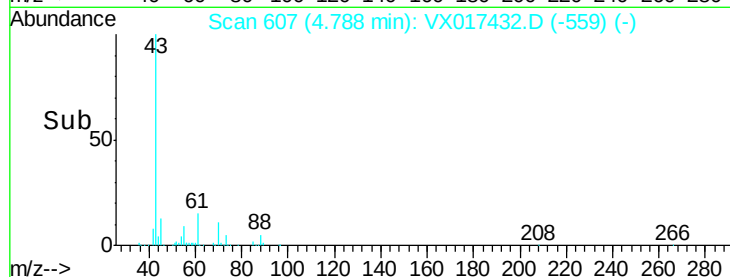
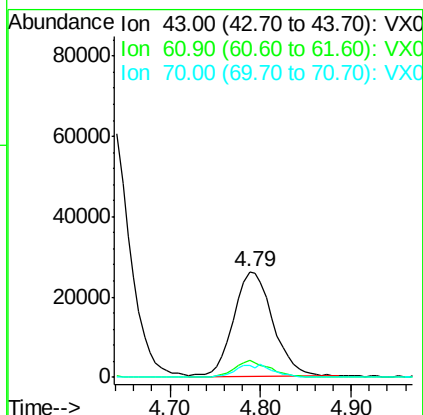
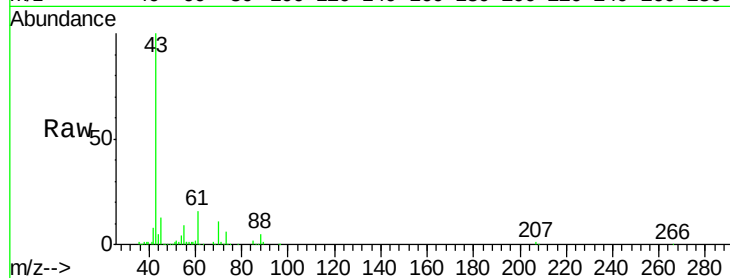




#37
Ethyl Acetate
Concen: 18.403 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

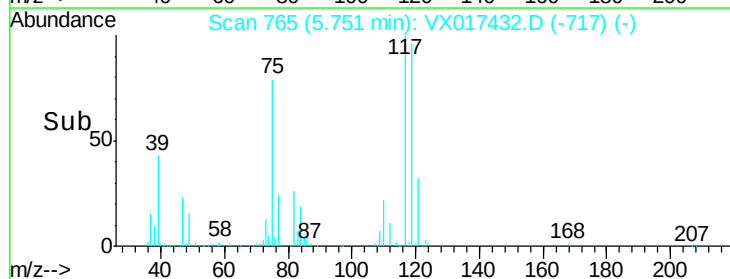
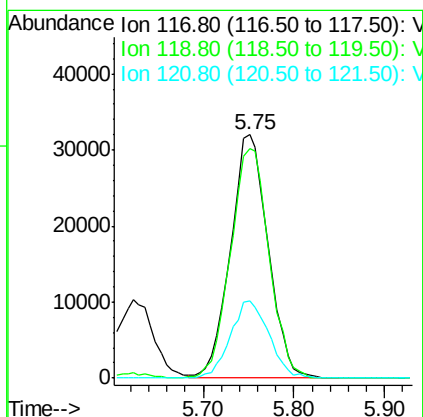
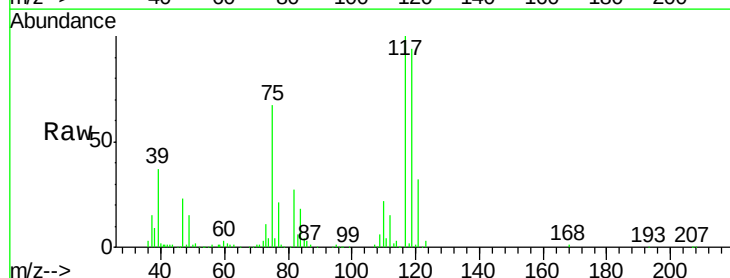
Instrument :
MSVOA_X
ClientSampled :
VX0720WBS01

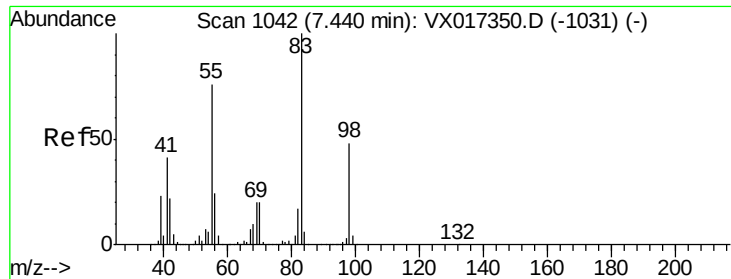
Tot Ion: 43 Resp: 78654
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 11.7 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.026 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Tgt Ion: 117 Resp: 92061
Ion Ratio Lower Upper
117 100
119 94.4 74.7 112.1
121 31.9 24.5 36.7

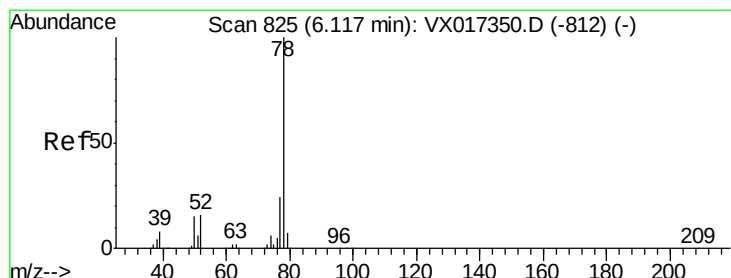
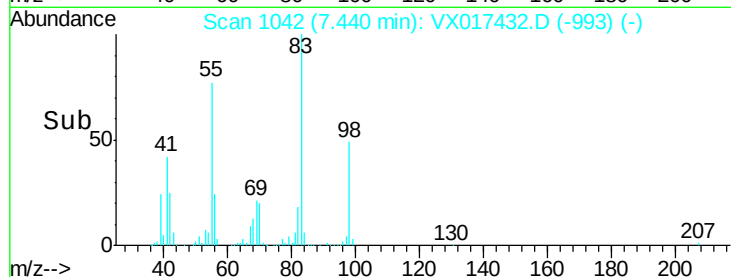
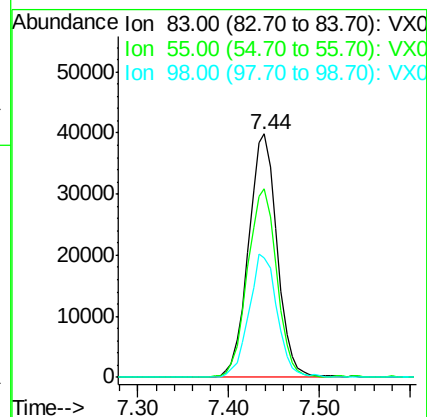
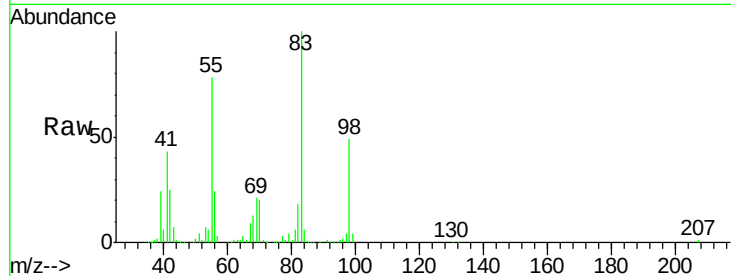




#39
Methylvlcyclohexane
Concen: 19.368 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

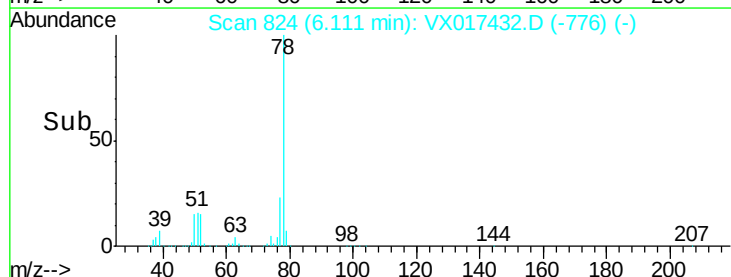
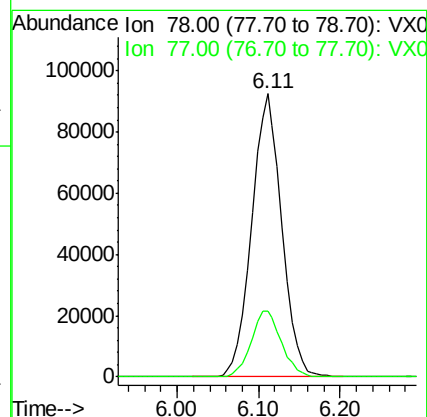
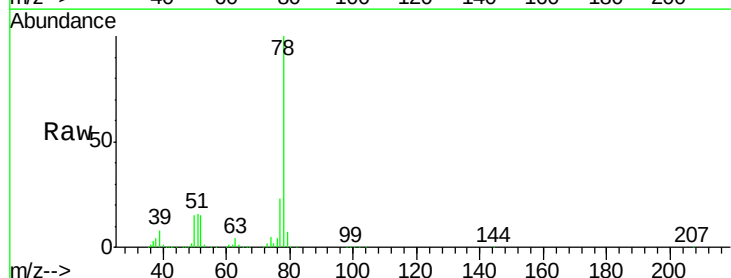
Instrument :
MSVOA_X
ClientSampled :
VX0720WBS01

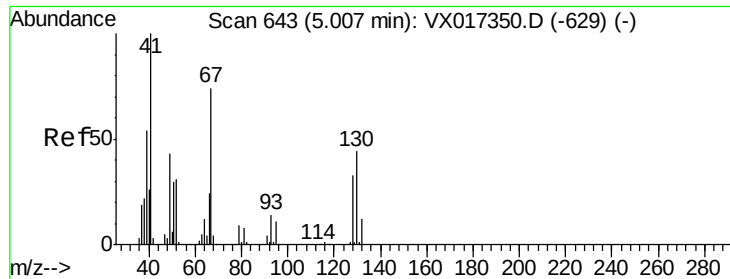
Tot Ion: 83 Resp: 86924
Ion Ratio Lower Upper
83 100
55 77.5 61.2 91.8
98 48.9 38.1 57.1



#40
Benzene
Concen: 19.952 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Tgt Ion: 78 Resp: 236977
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3

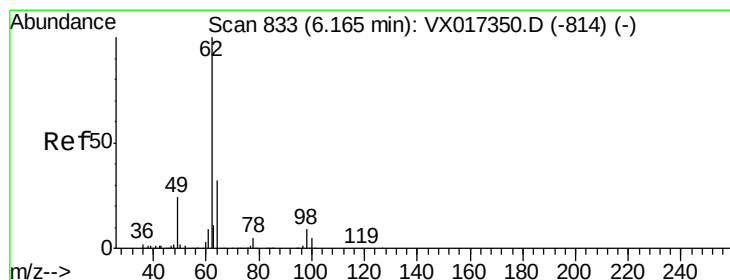
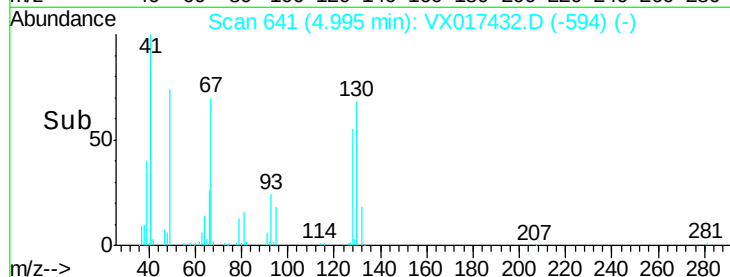
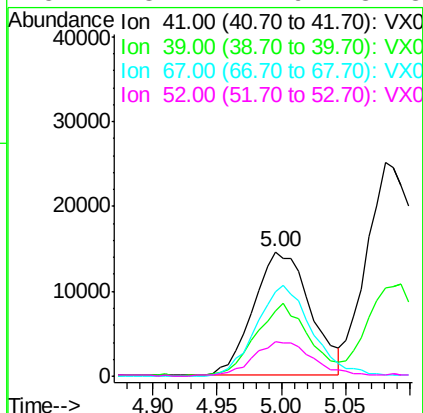
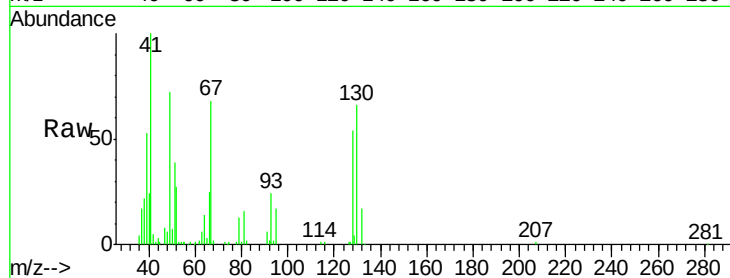




#41
Methacrylonitrile
Concen: 19.420 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

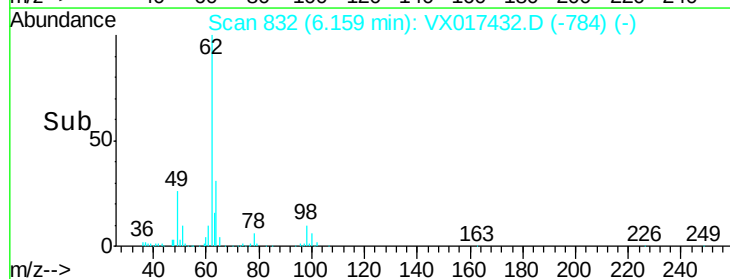
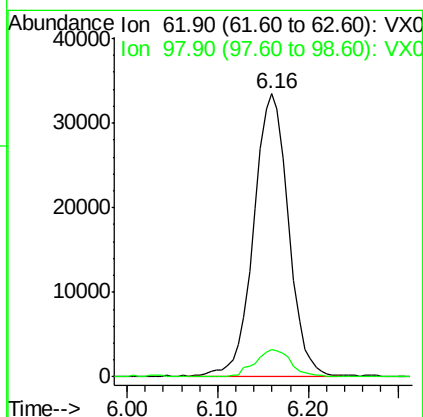
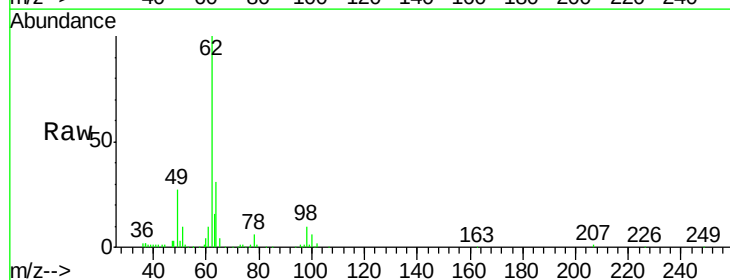
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

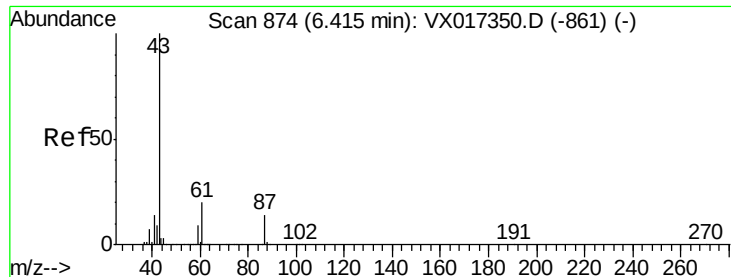
Tot Ion:	41	Resp:	44559
Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.8	65.8
67	72.0	58.7	88.1
52	28.4	24.9	37.3



#42
1,2-Dichloroethane
Concen: 19.066 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Tgt Ion:	62	Resp:	87982
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4



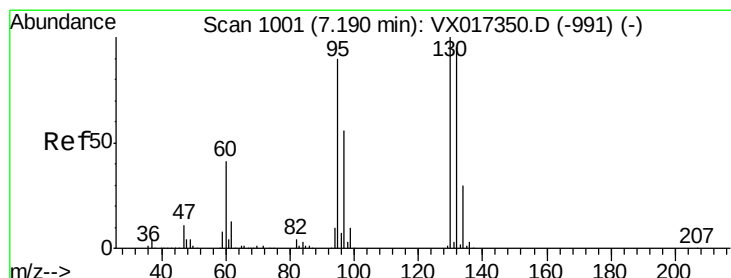
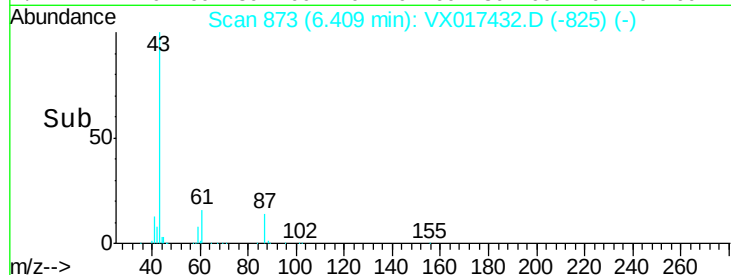
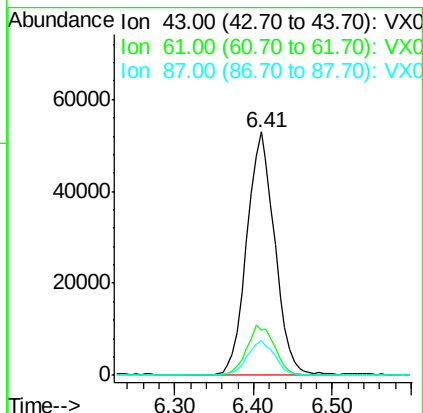
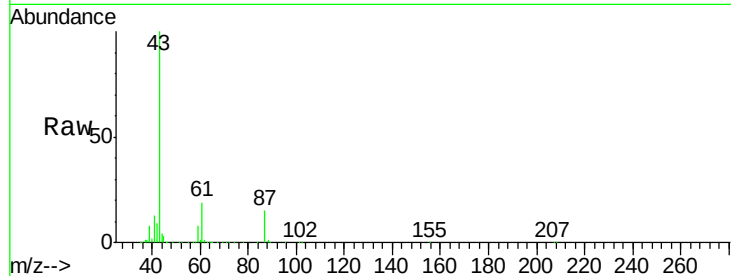


#43

Isopropyl Acetate
 Concen: 19.051 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

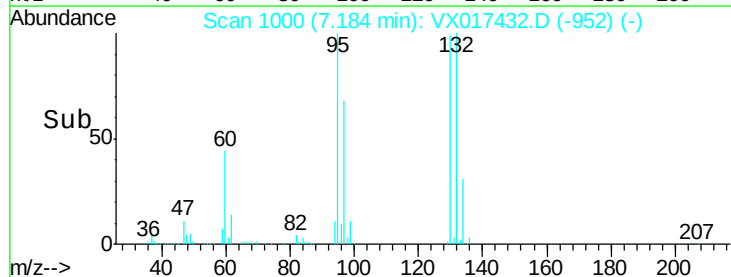
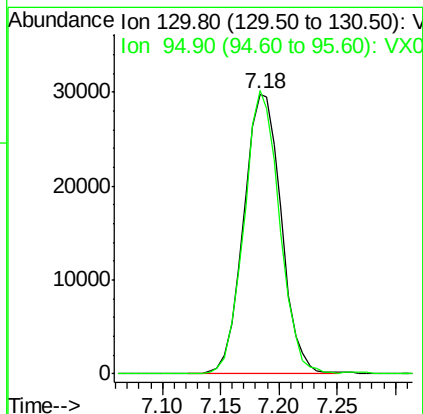
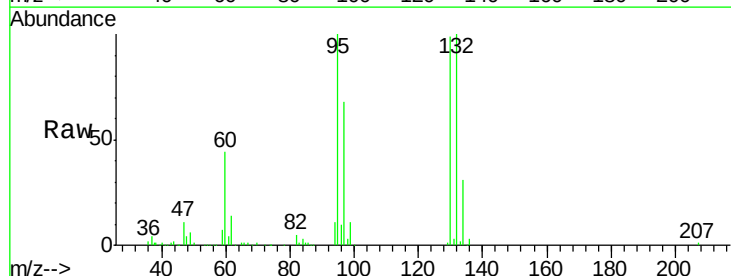
Tot Ion	43	Resp	130111
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.4	24.6
87	14.2	11.2	16.8

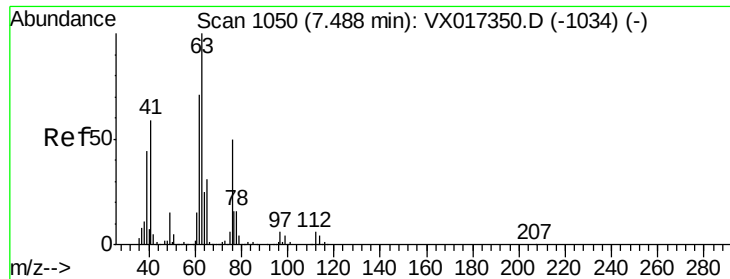


#44

Trichloroethene
 Concen: 18.445 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Tgt Ion	130	Resp	66918
Ion Ratio	Lower	Upper	
130	100		
95	101.2	0.0	180.2





#45

1,2-Dichloropropane

Concen: 19.898 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

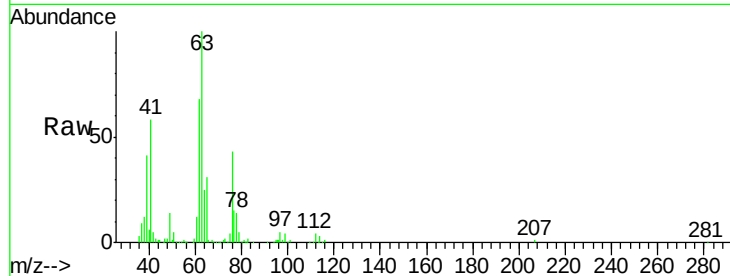
VX0720WBS01

Tot Ion: 63 Resp: 60473

Ion Ratio Lower Upper

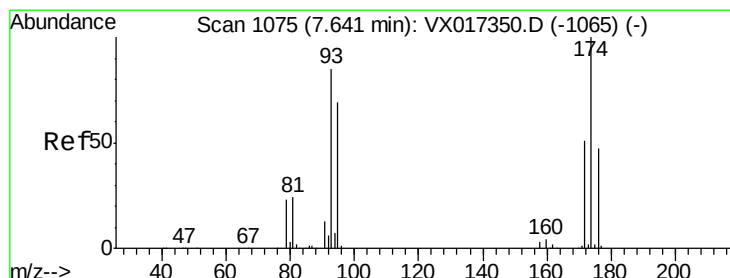
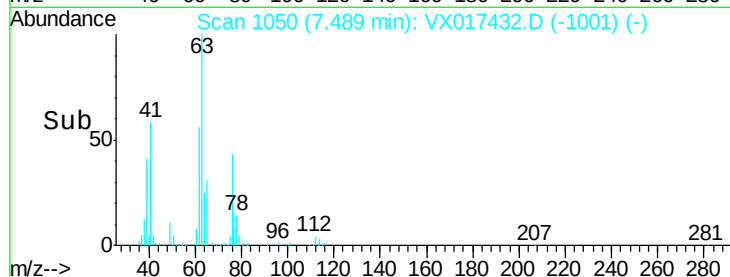
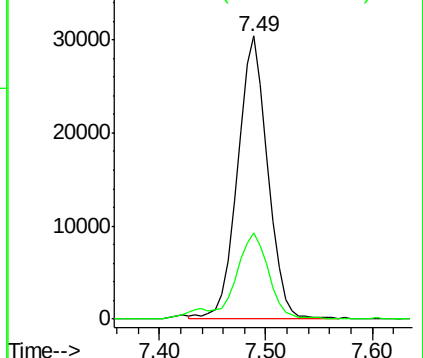
63 100

65 30.2 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.267 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

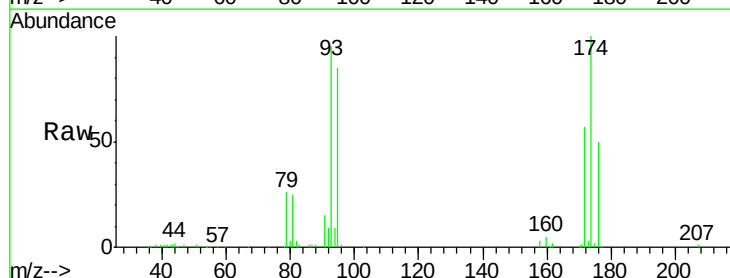
Tgt Ion: 93 Resp: 42229

Ion Ratio Lower Upper

93 100

95 84.8 65.4 98.2

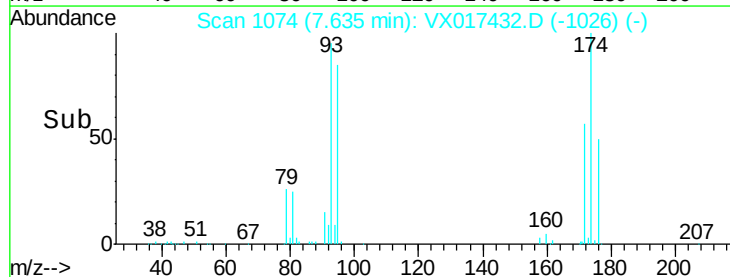
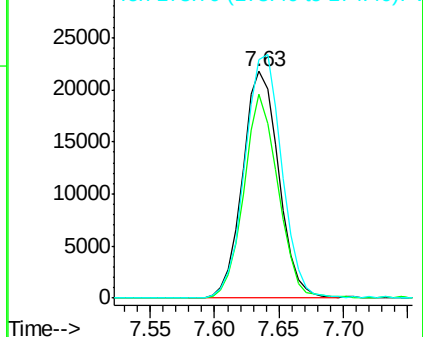
174 109.3 91.2 136.8

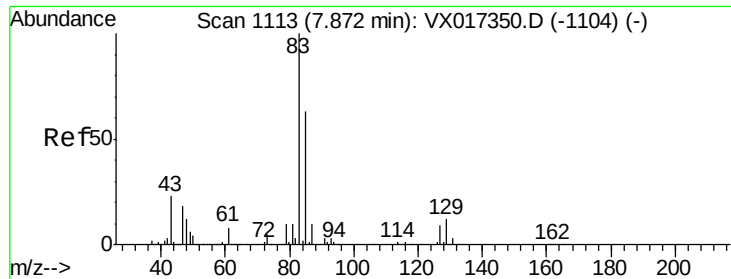


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.413 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

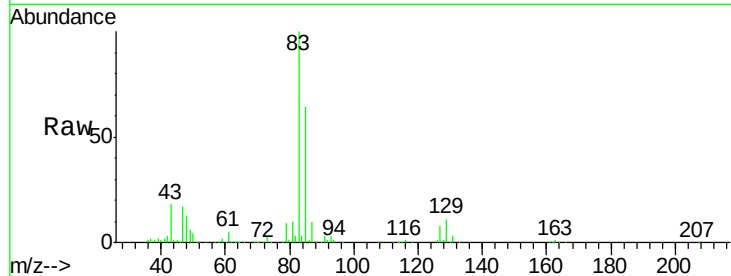
Tot Ion: 83 Resp: 88959

Ion Ratio Lower Upper

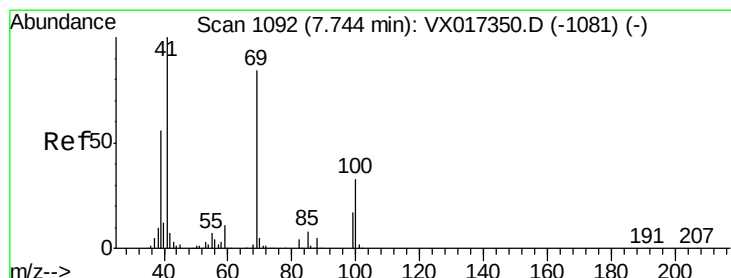
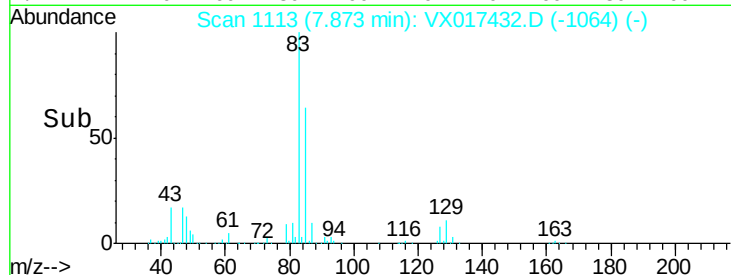
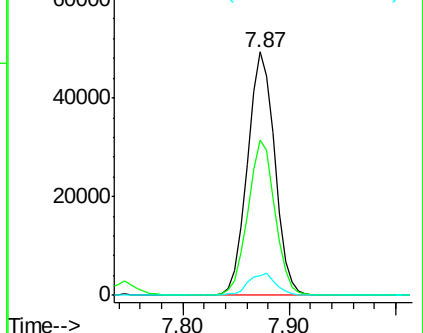
83 100

85 63.5 50.2 75.4

127 7.9 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: 18.802 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

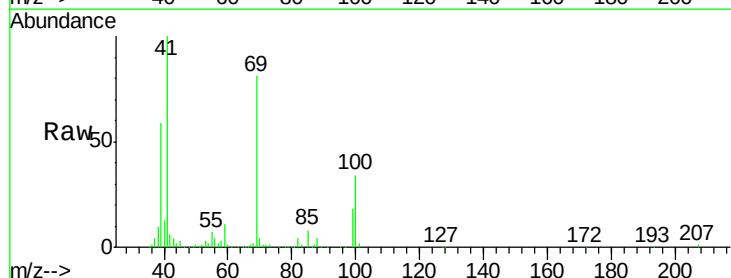
Tgt Ion: 41 Resp: 61621

Ion Ratio Lower Upper

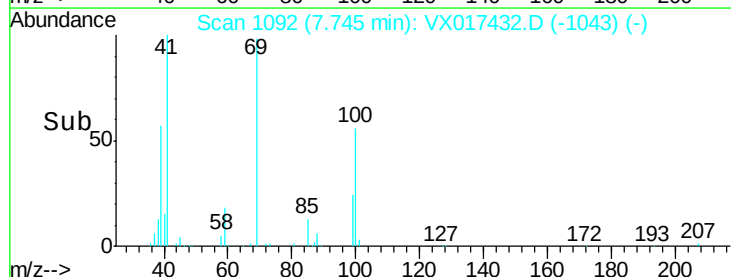
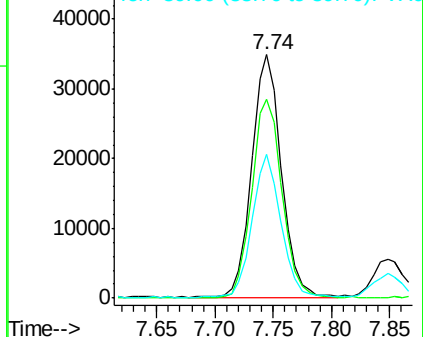
41 100

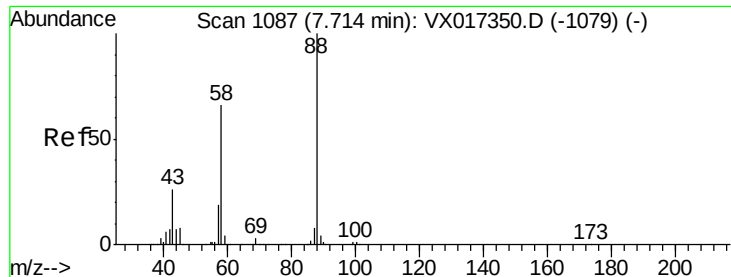
69 84.3 67.8 101.6

39 57.8 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: 395.749 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

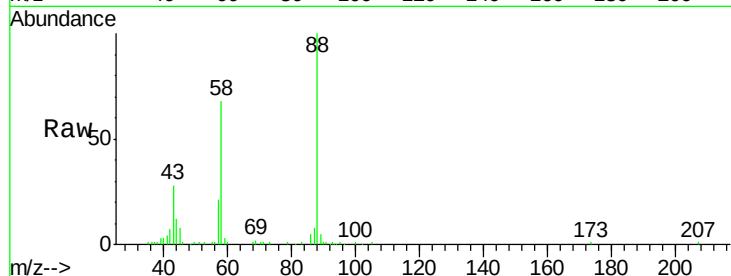
Tot Ion: 88 Resp: 26542

Ion Ratio Lower Upper

88 100

43 33.8 25.6 38.4

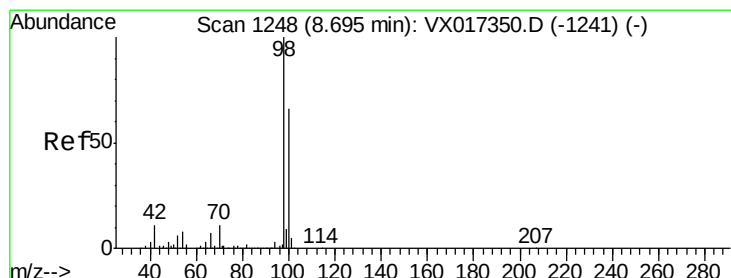
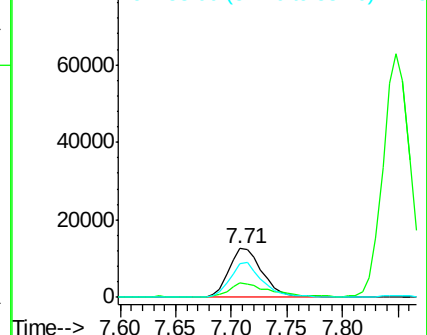
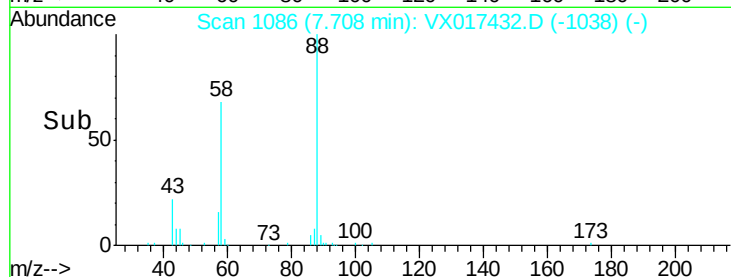
58 69.2 53.9 80.9



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: 51.872 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017432.D

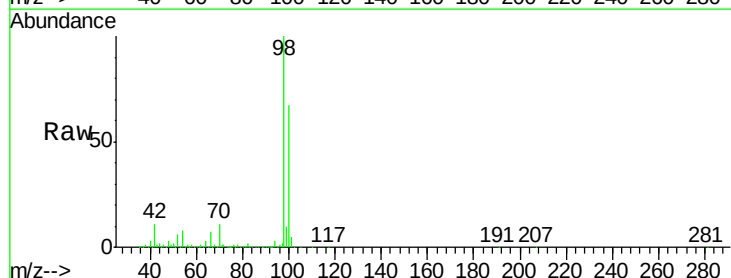
Acq: 20 Jul 2020 11:43

Tgt Ion: 98 Resp: 566311

Ion Ratio Lower Upper

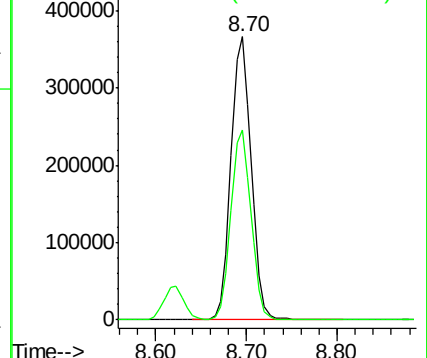
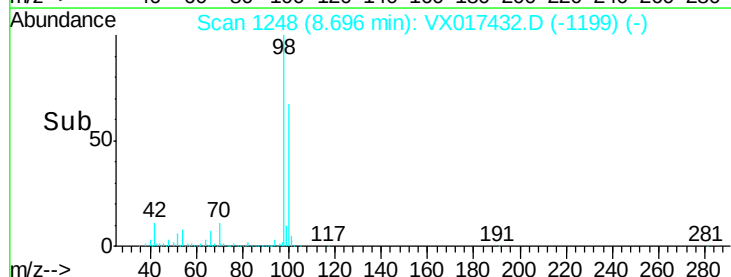
98 100

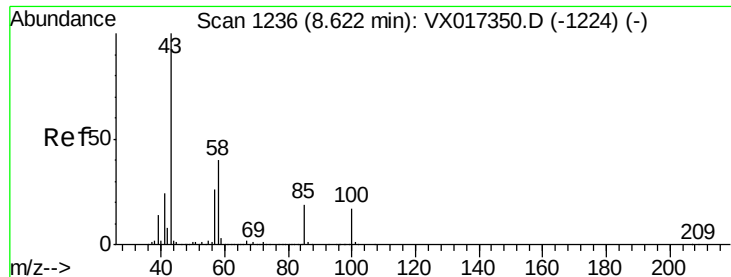
100 67.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

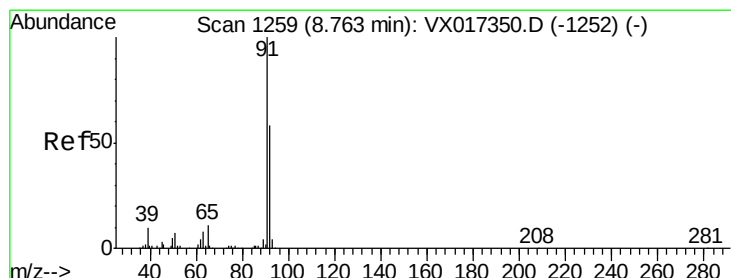
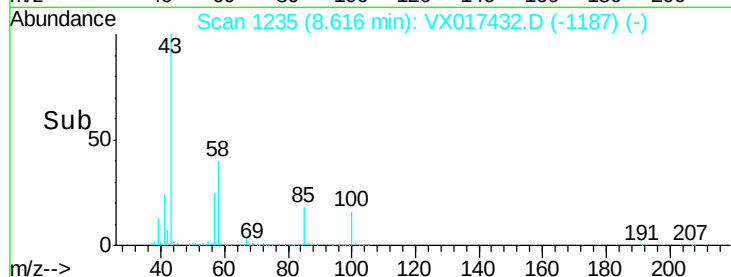
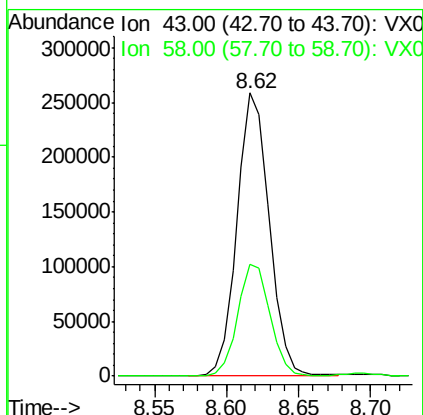
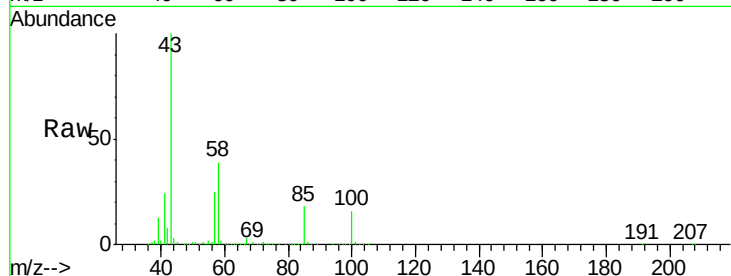




#51
4-Methyl-2-Pentanone
Concen: 96.477 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

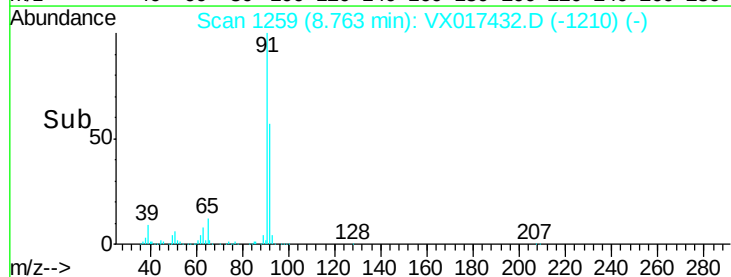
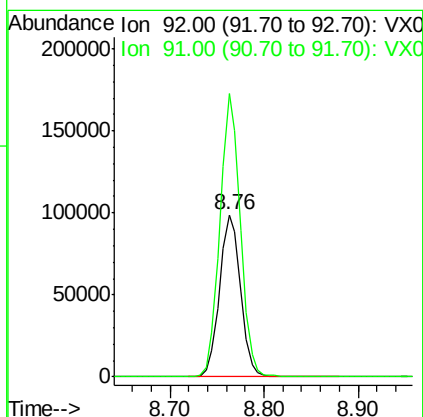
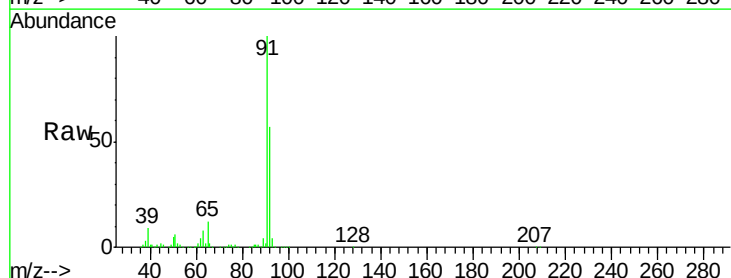
Instrument :
MSVOA_X
ClientSampled :
VX0720WBS01

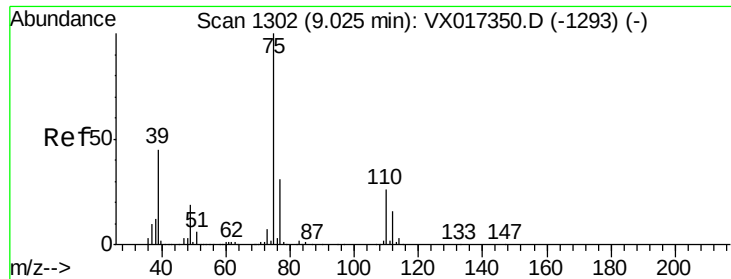
Tot Ion: 43 Resp: 401757
Ion Ratio Lower Upper
43 100
58 39.6 32.2 48.2



#52
Toluene
Concen: 20.002 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Tgt Ion: 92 Resp: 152455
Ion Ratio Lower Upper
92 100
91 169.9 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 19.368 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

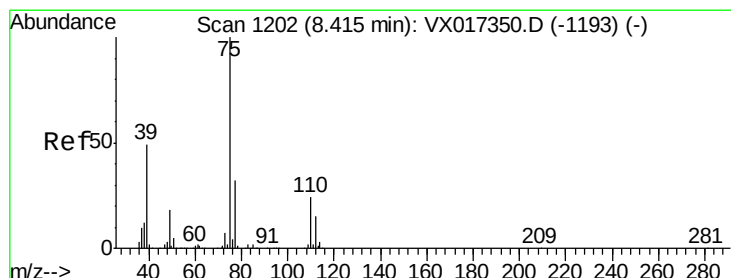
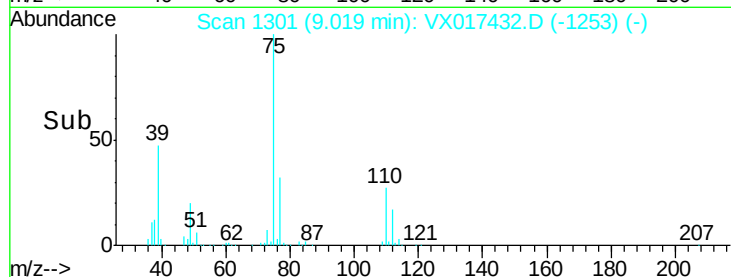
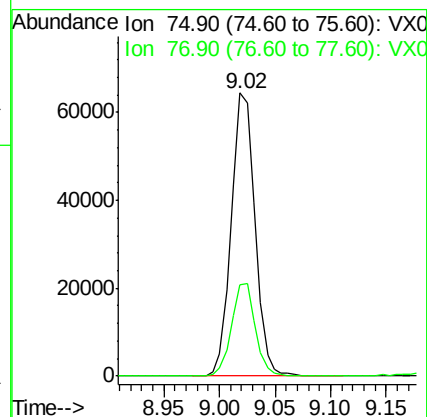
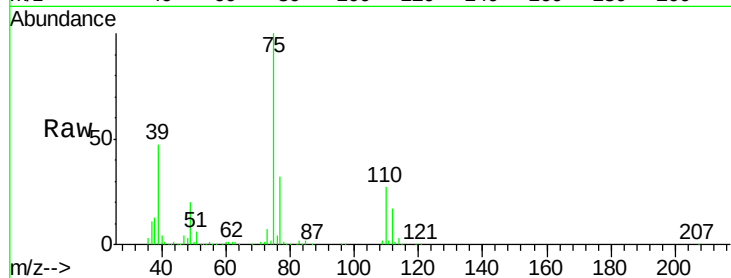
VX0720WBS01

Tot Ion: 75 Resp: 95612

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.518 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

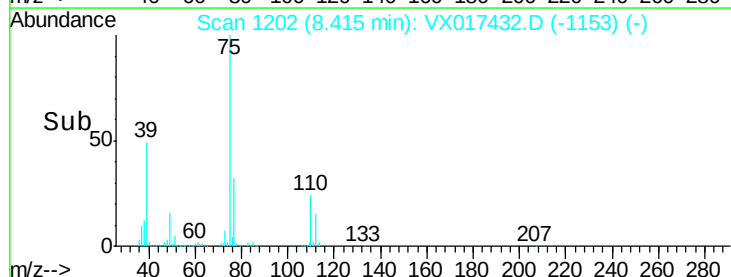
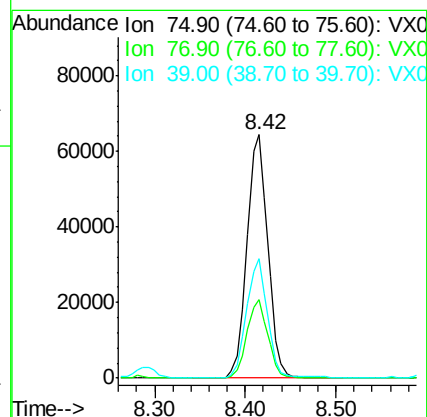
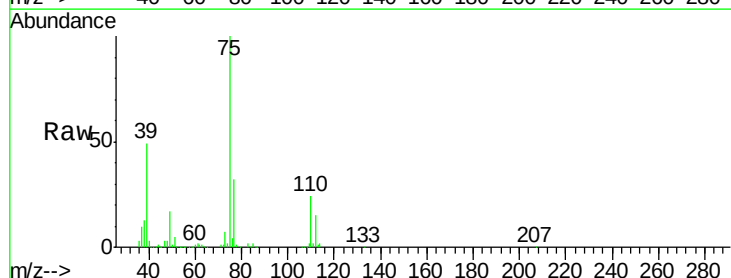
Tgt Ion: 75 Resp: 102766

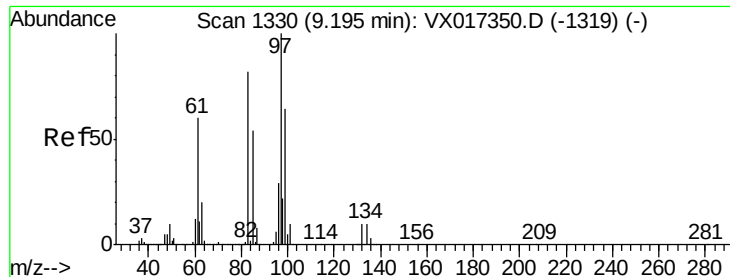
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 48.7 38.9 58.3

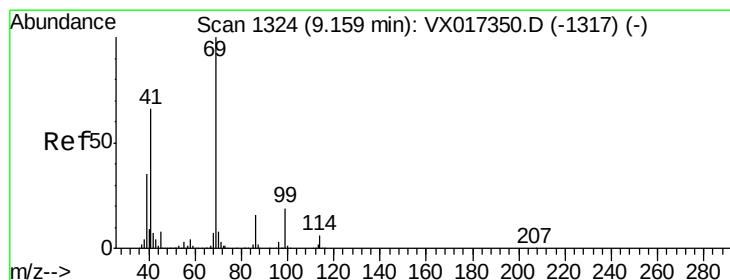
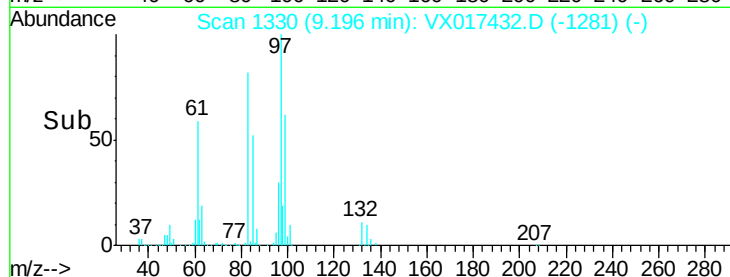
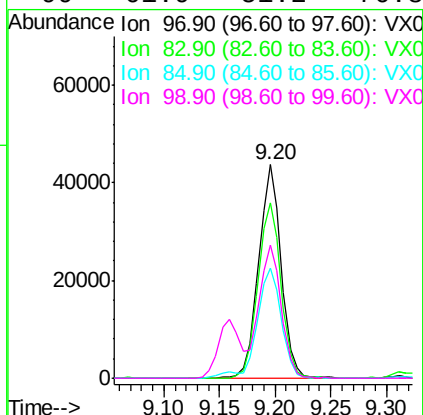
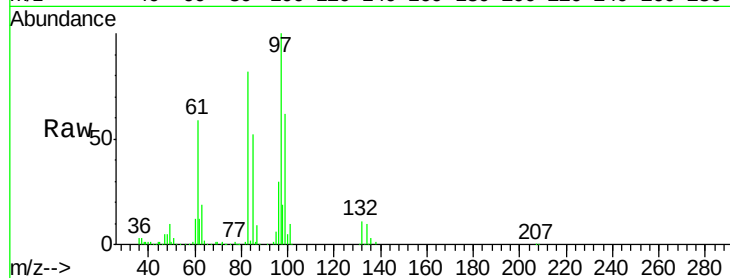




#55
 1,1,2-Trichloroethane
 Concen: 19.521 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

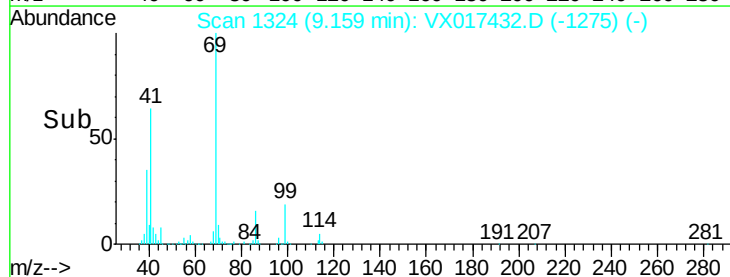
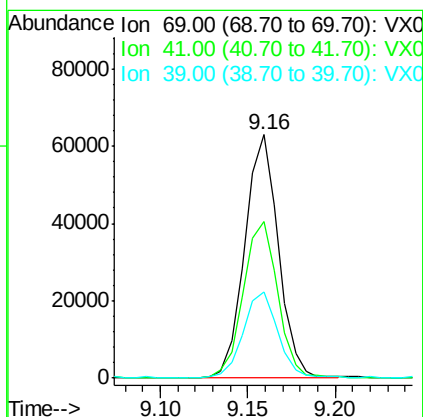
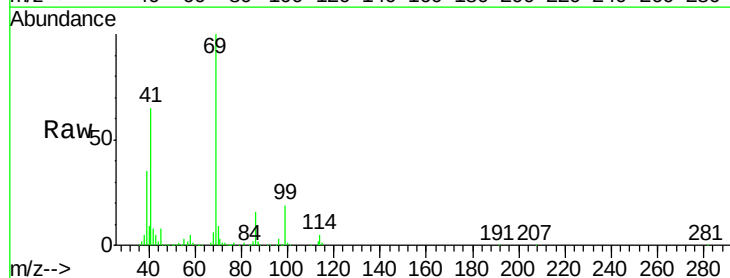
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

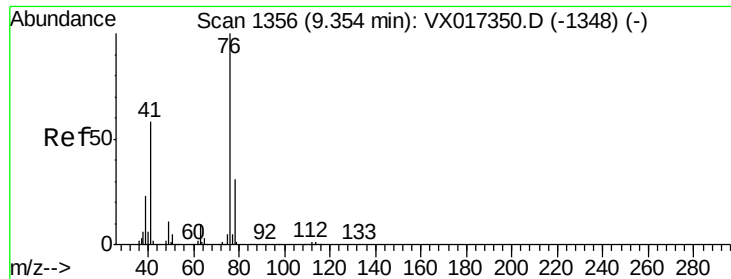
Tot Ion:	97	Resp:	62042
Ion	Ratio	Lower	Upper
97	100		
83	82.1	65.8	98.6
85	51.8	42.8	64.2
99	61.9	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 18.648 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Tgt Ion:	69	Resp:	84145
Ion	Ratio	Lower	Upper
69	100		
41	65.9	52.6	78.8
39	36.9	28.8	43.2

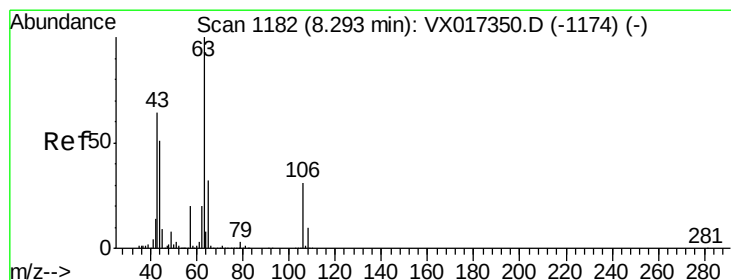
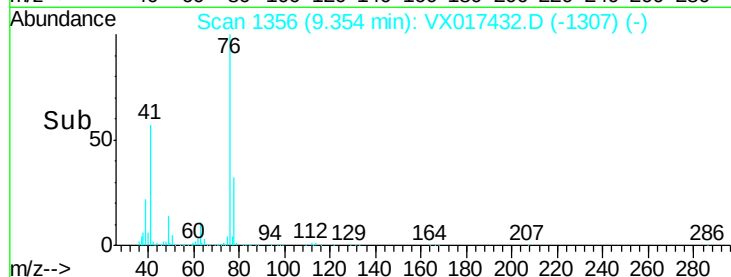
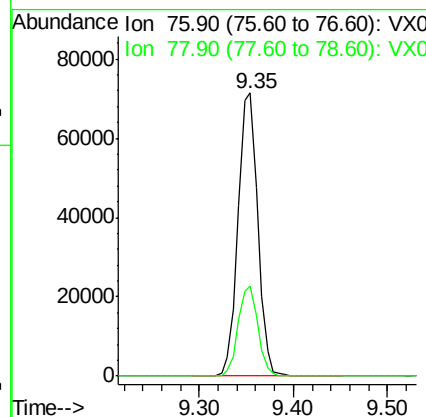
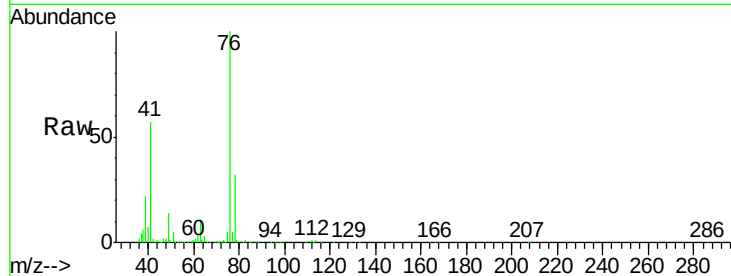




#57
 1,3-Dichloropropane
 Concen: 19.678 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

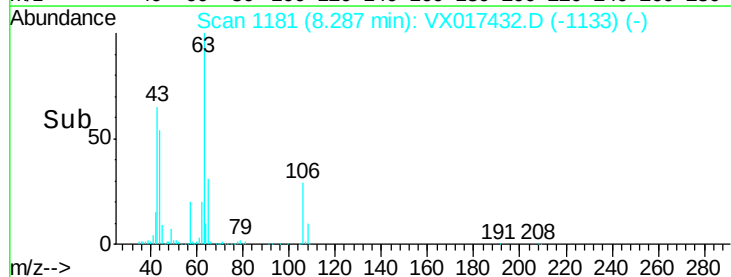
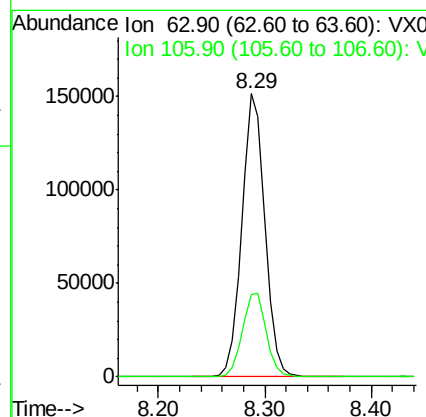
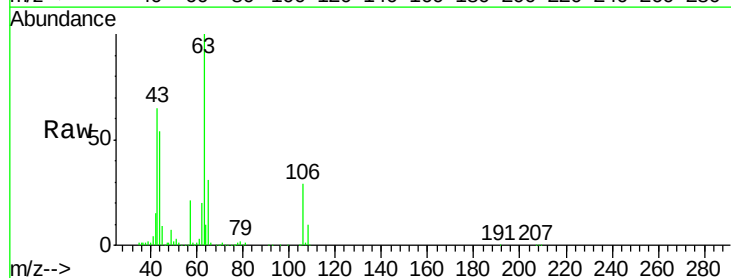
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

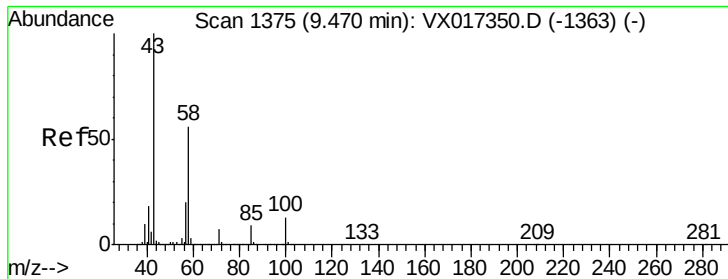
Tot Ion: 76 Resp: 104036
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.579 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Tgt Ion: 63 Resp: 230440
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.8 37.2

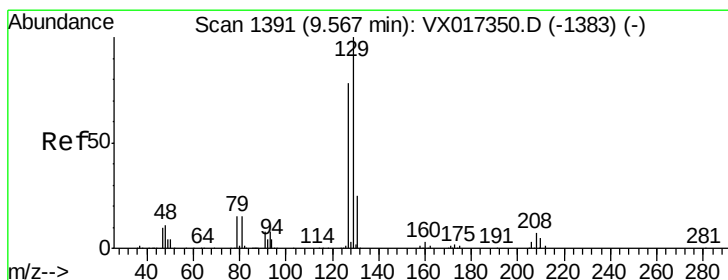
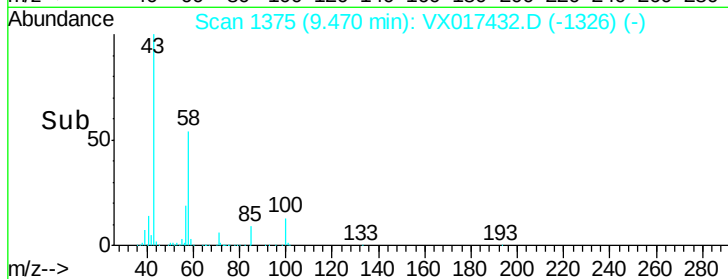
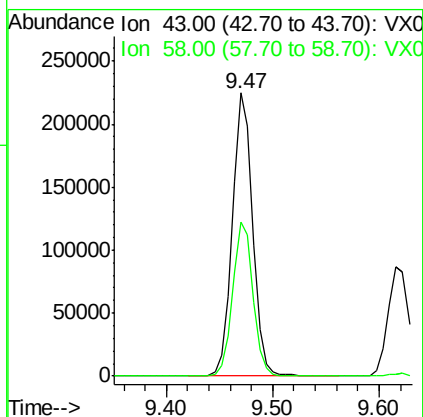
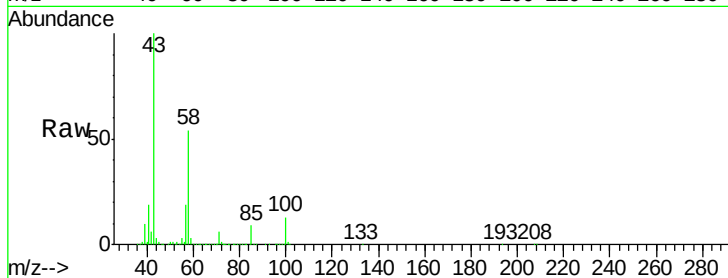




#59
2-Hexanone
Concen: 95.524 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

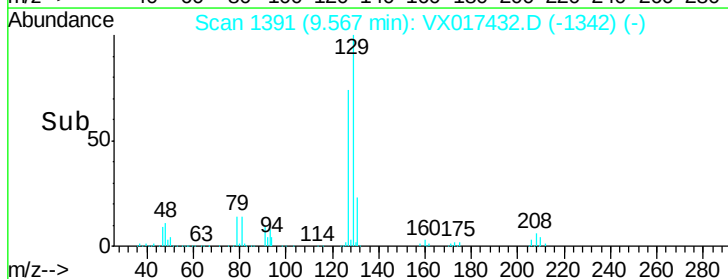
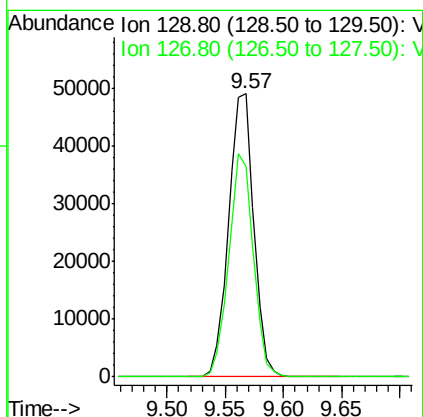
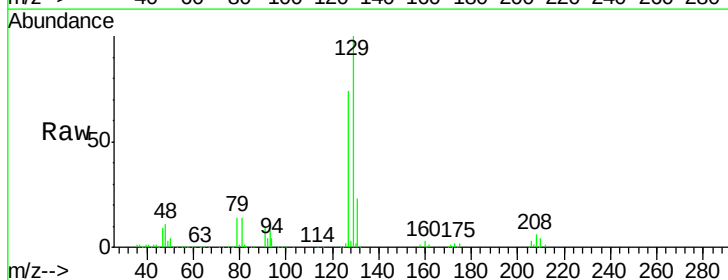
Instrument :
MSVOA_X
ClientSampled :
VX0720WBS01

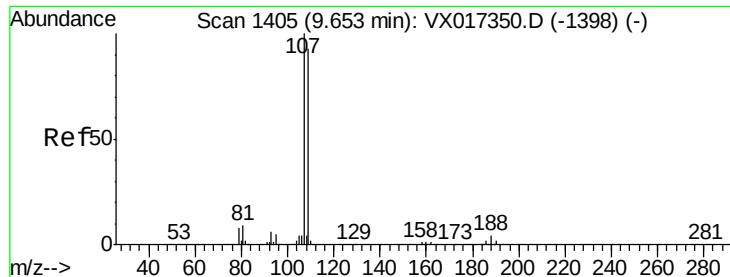
Tot Ion: 43 Resp: 300234
Ion Ratio Lower Upper
43 100
58 54.8 28.1 84.3



#60
Dibromochloromethane
Concen: 19.012 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Tgt Ion: 129 Resp: 73821
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.060 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

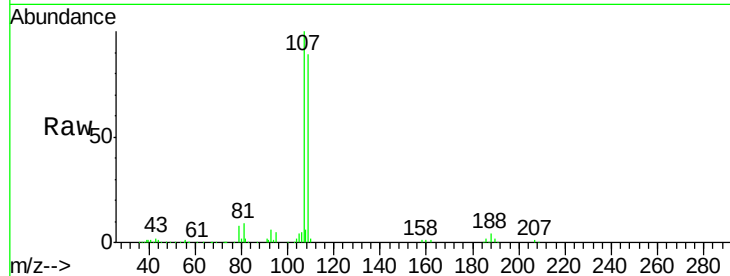
VX0720WBS01

Tot Ion:107 Resp: 65900

Ion Ratio Lower Upper

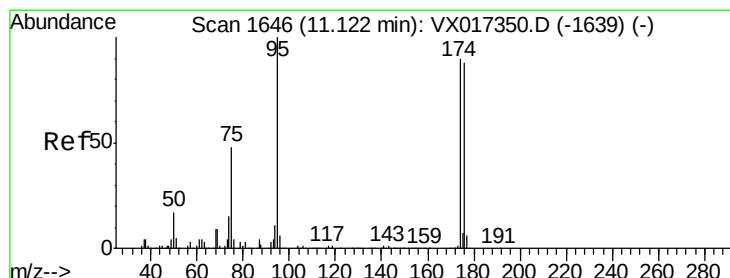
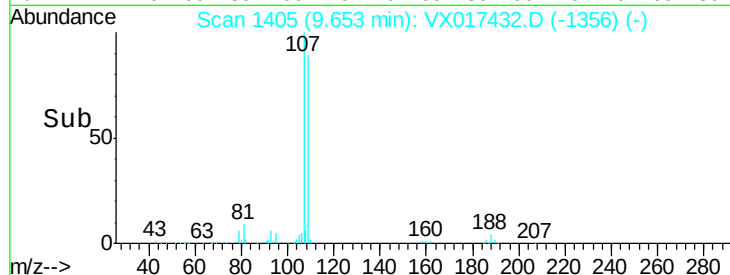
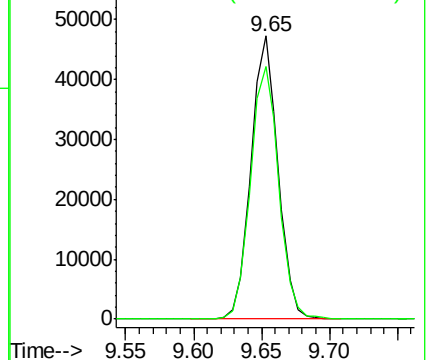
107 100

109 93.5 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.074 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

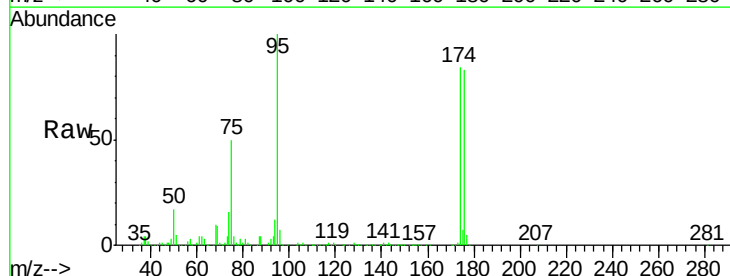
Tgt Ion: 95 Resp: 221490

Ion Ratio Lower Upper

95 100

174 84.6 0.0 175.8

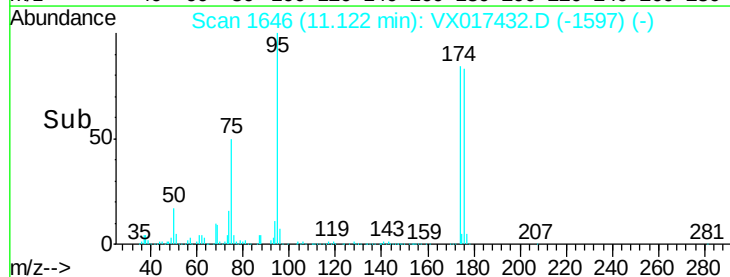
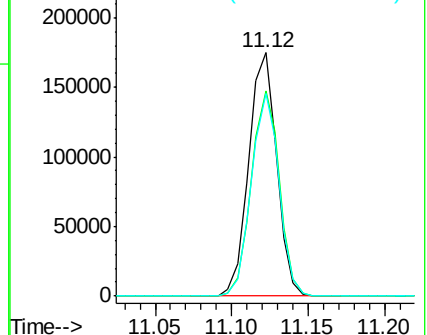
176 82.6 0.0 164.6

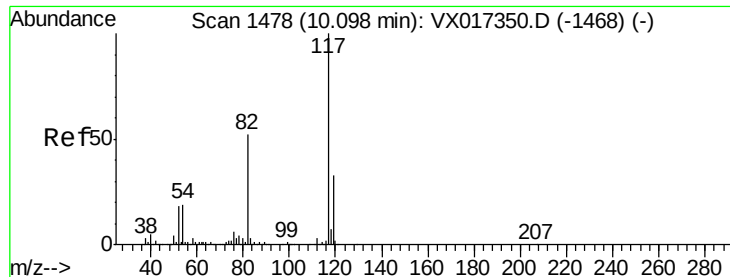


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

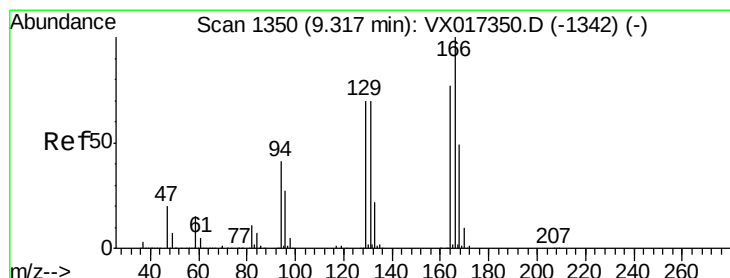
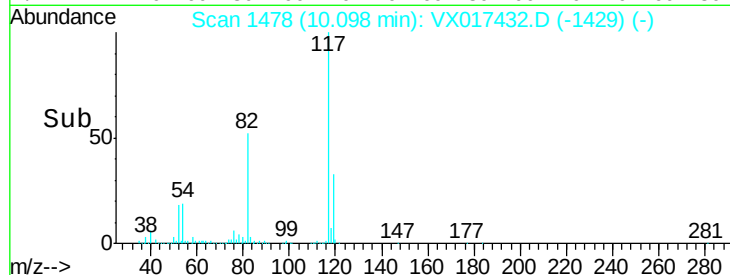
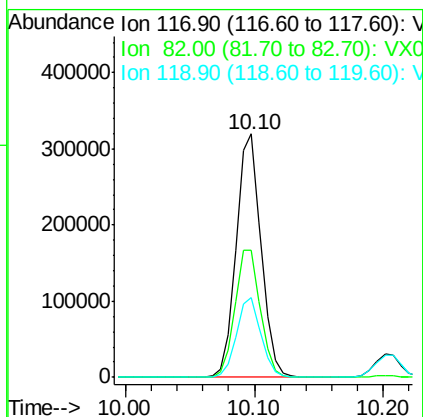
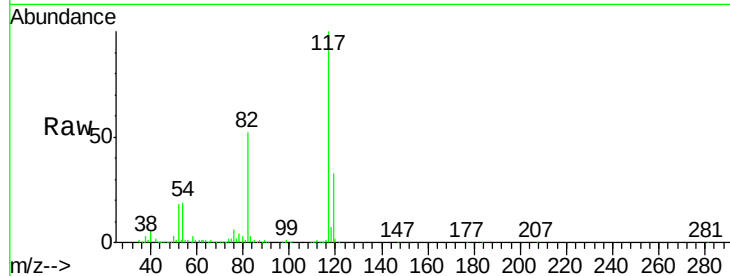




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

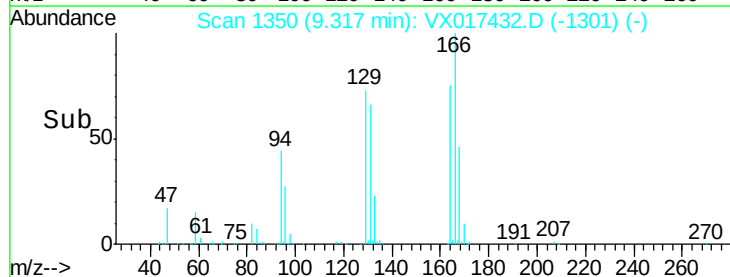
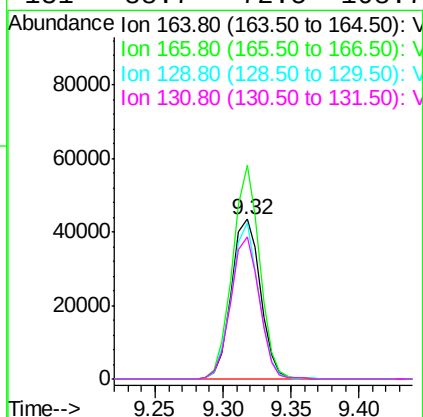
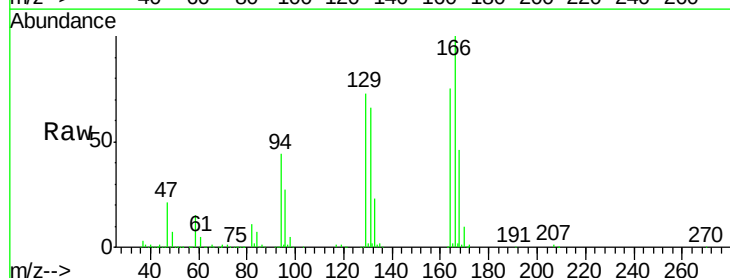
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

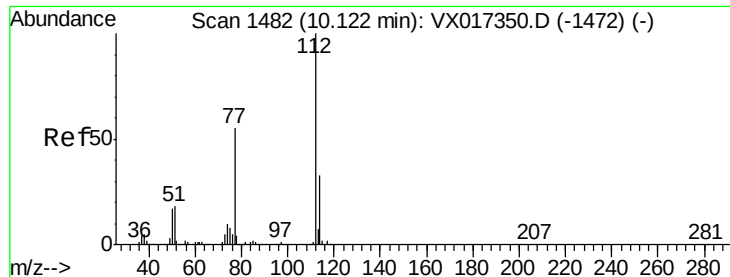
Tot Ion:117 Resp: 428046
Ion Ratio Lower Upper
117 100
82 52.0 42.0 63.0
119 32.6 26.3 39.5



#64
Tetrachloroethene
Concen: 17.478 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Tgt Ion:164 Resp: 64752
Ion Ratio Lower Upper
164 100
166 133.7 103.9 155.9
129 97.9 72.9 109.3
131 88.7 72.5 108.7

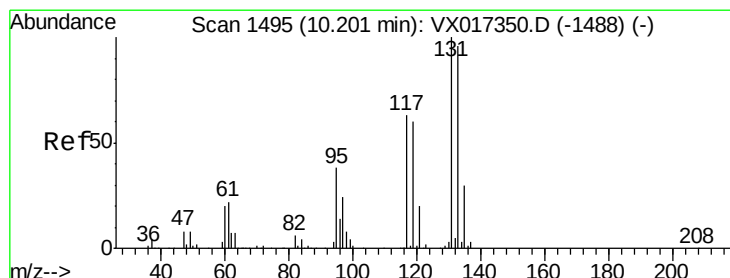
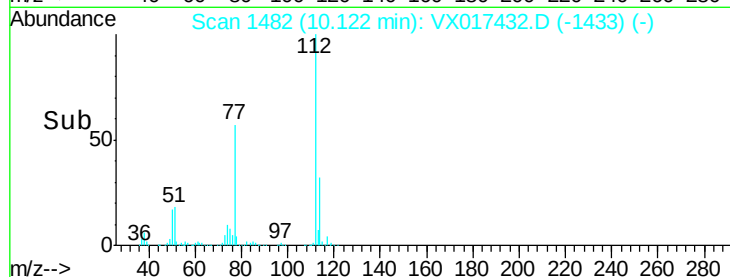
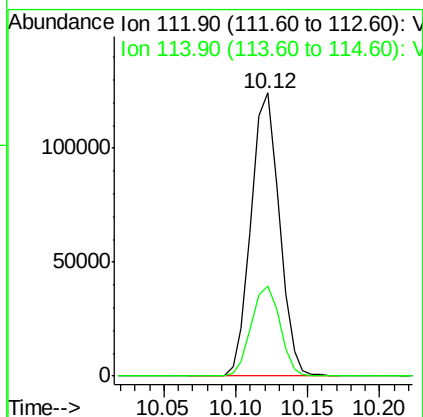
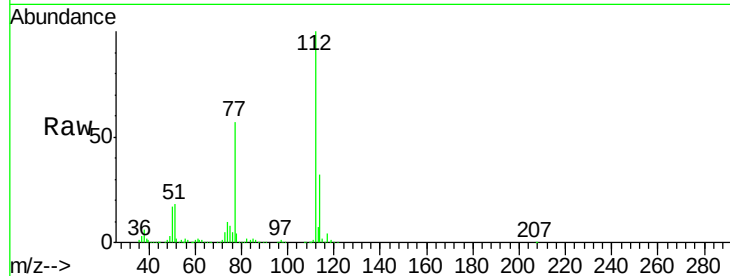




#65
Chlorobenzene
Concen: 19.438 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

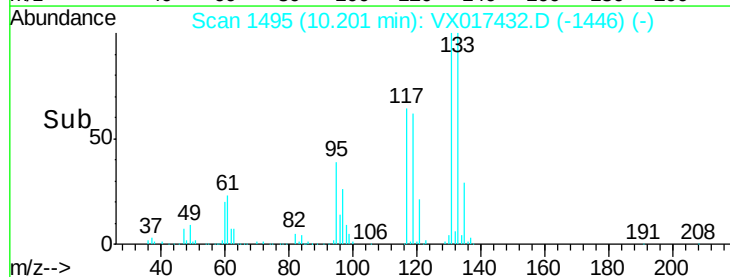
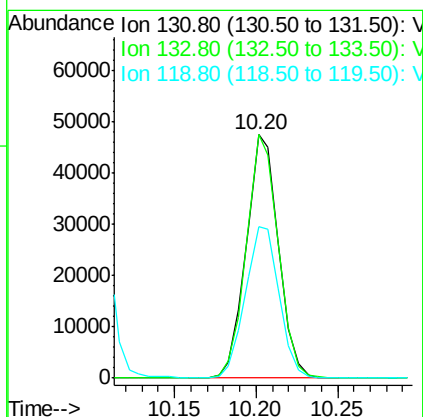
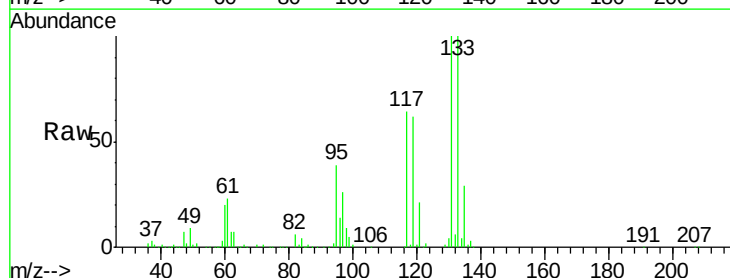
Instrument :
MSVOA_X
ClientSampled :
VX0720WBS01

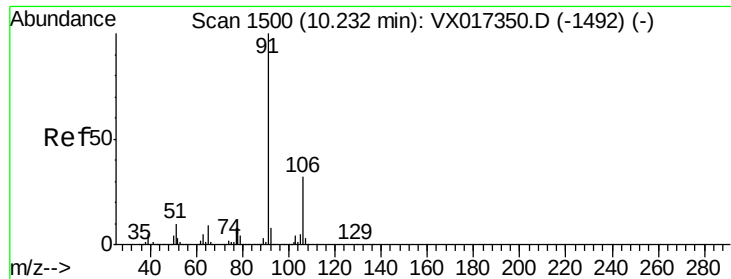
Tot Ion:112 Resp: 169089
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.898 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Tgt Ion:131 Resp: 65449
Ion Ratio Lower Upper
131 100
133 98.9 48.4 145.2
119 65.3 31.2 93.6





#67

Ethyl Benzene

Concen: 19.504 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

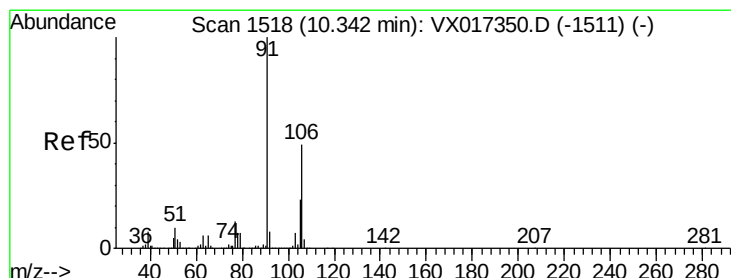
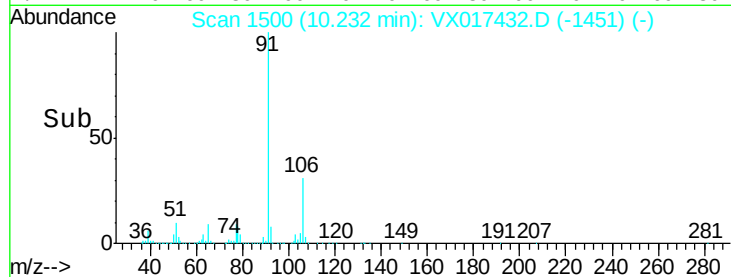
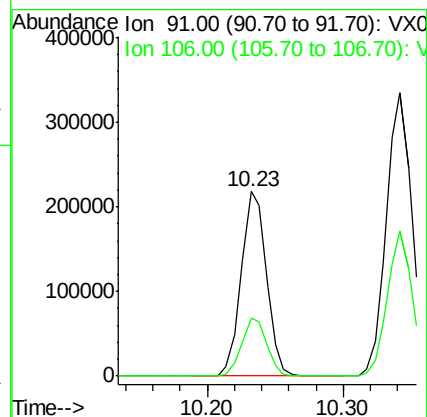
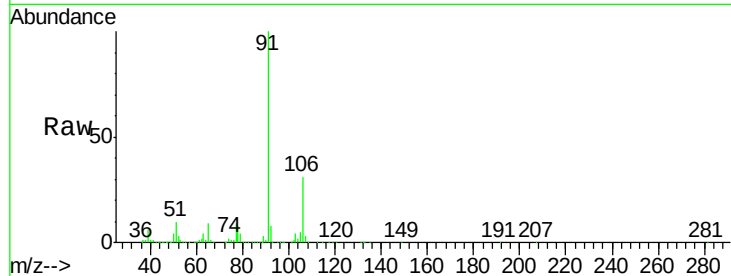
VX0720WBS01

Tot Ion: 91 Resp: 282436

Ion Ratio Lower Upper

91 100

106 31.3 25.7 38.5



#68

m/p-Xylenes

Concen: 39.781 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017432.D

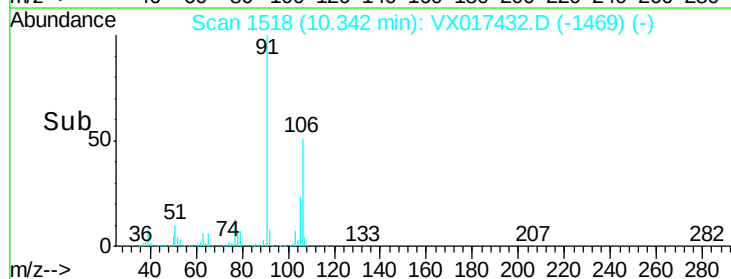
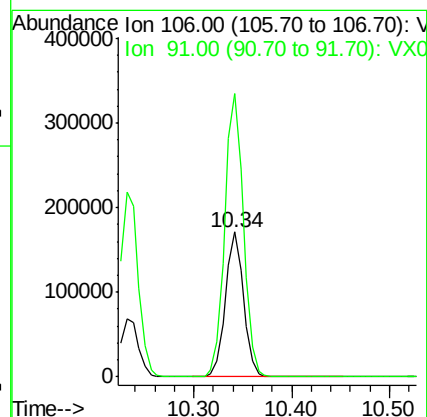
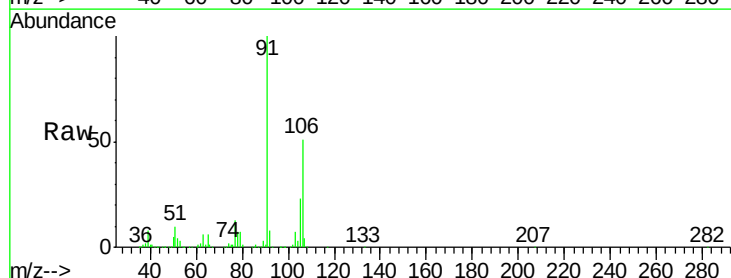
Acq: 20 Jul 2020 11:43

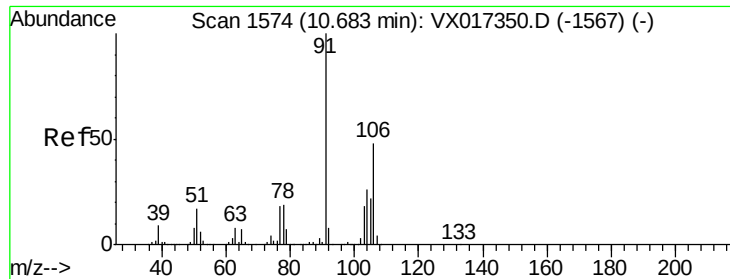
Tgt Ion: 106 Resp: 219187

Ion Ratio Lower Upper

106 100

91 201.7 162.5 243.7

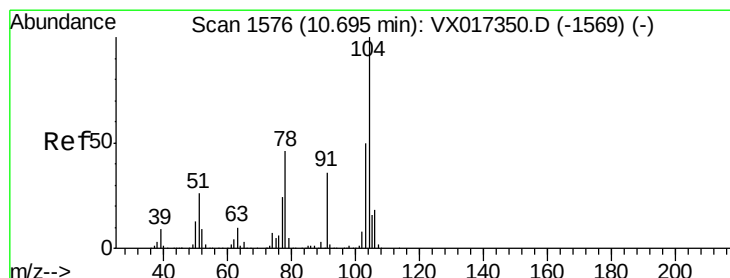
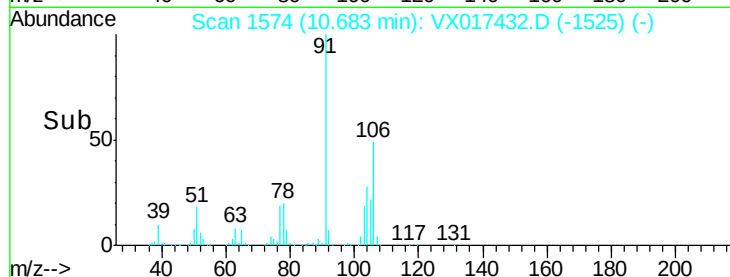
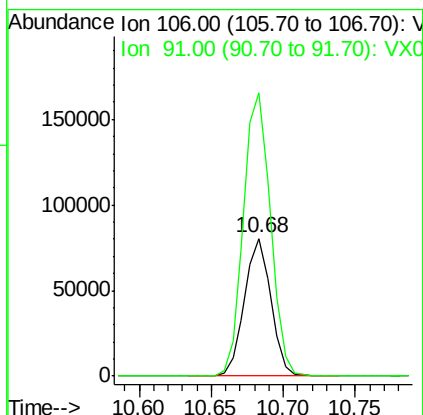
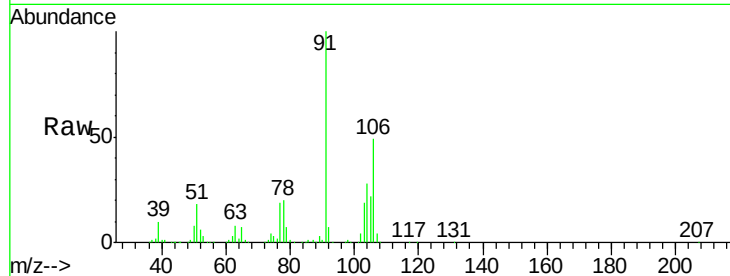




#69
o-Xylene
Concen: 19.484 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

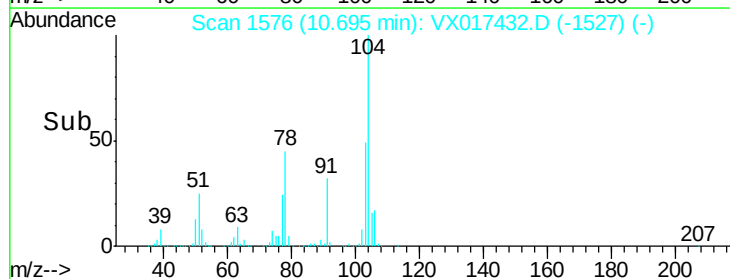
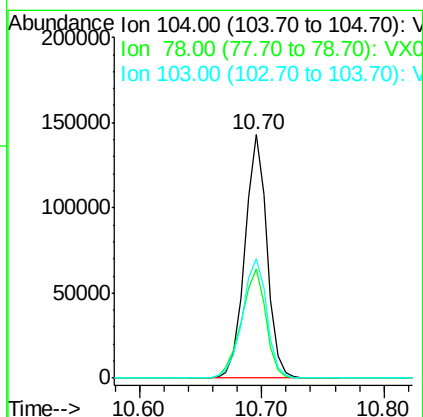
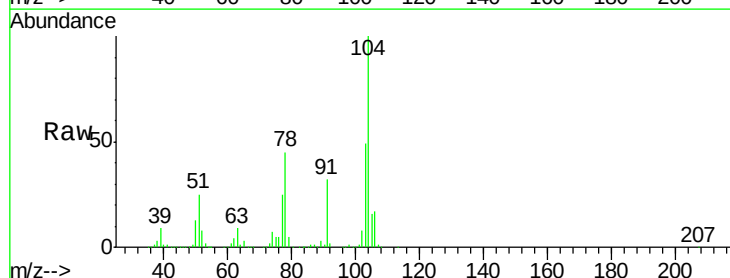
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

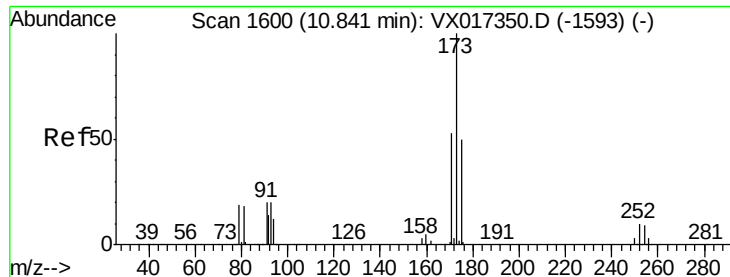
Tot Ion:106 Resp: 102581
Ion Ratio Lower Upper
106 100
91 209.8 106.1 318.1



#70
Styrene
Concen: 19.778 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Tgt Ion:104 Resp: 178744
Ion Ratio Lower Upper
104 100
78 49.6 40.8 61.2
103 54.5 43.3 64.9

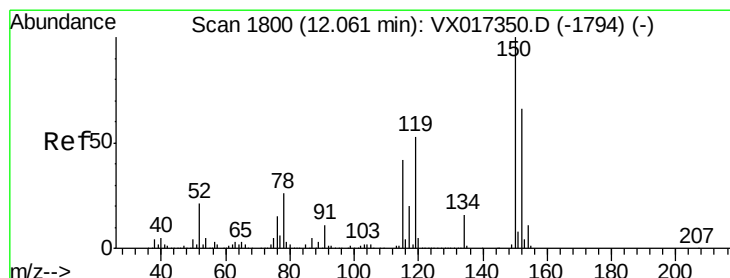
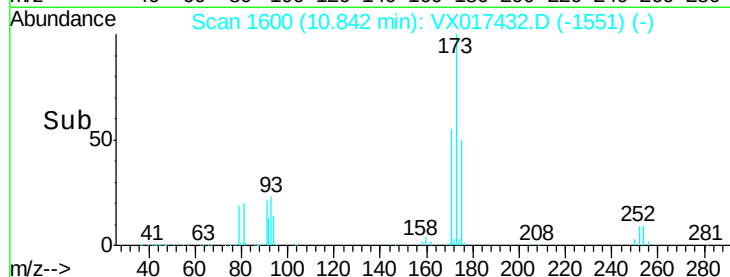
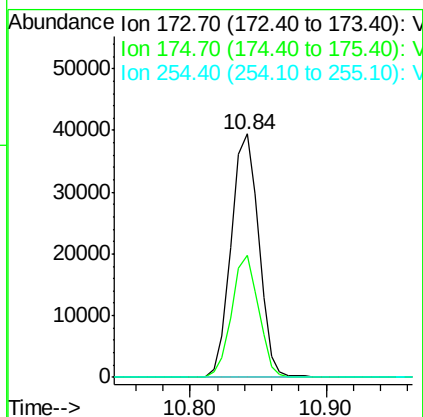
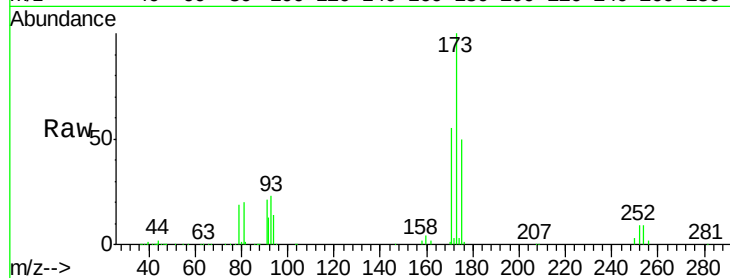




#71
Bromoform
Concen: 19.046 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

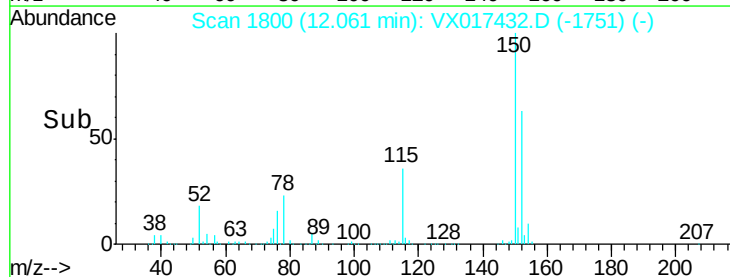
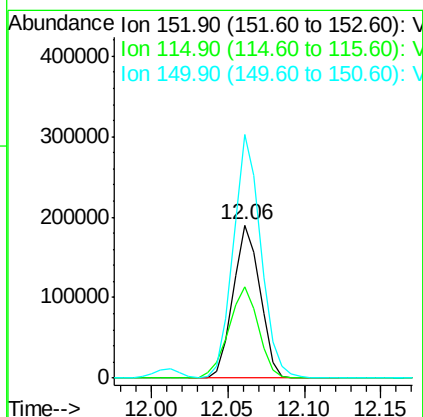
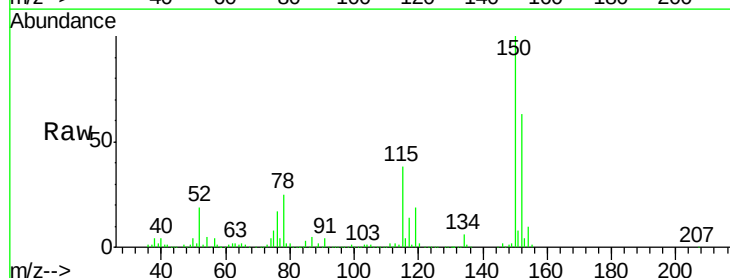
Instrument :
MSVOA_X
ClientSampled :
VX0720WBS01

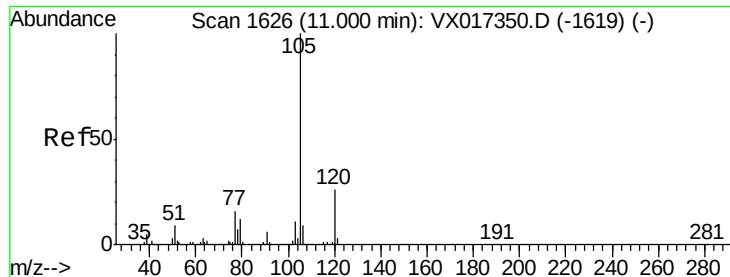
Tot Ion:173 Resp: 55660
Ion Ratio Lower Upper
173 100
175 49.0 24.7 74.1
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Tgt Ion:152 Resp: 232550
Ion Ratio Lower Upper
152 100
115 65.8 39.9 119.7
150 162.5 0.0 343.4





#73

Isopropylbenzene

Concen: 19.417 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

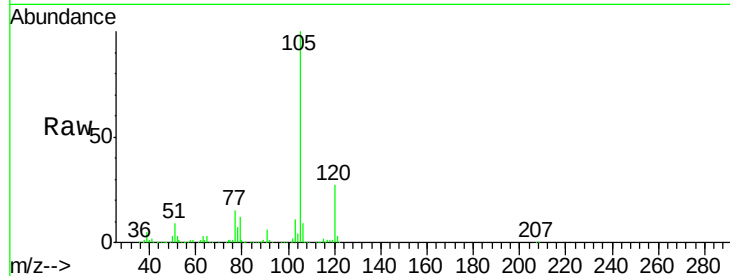
VX0720WBS01

Tot Ion: 105 Resp: 283058

Ion Ratio Lower Upper

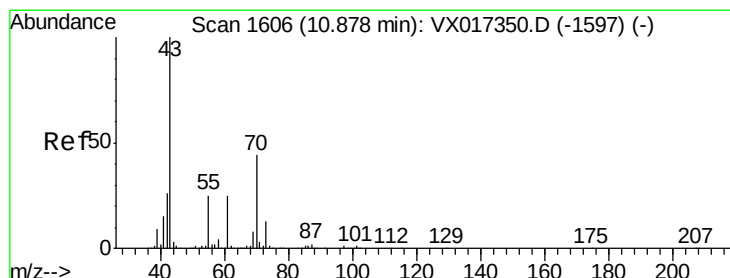
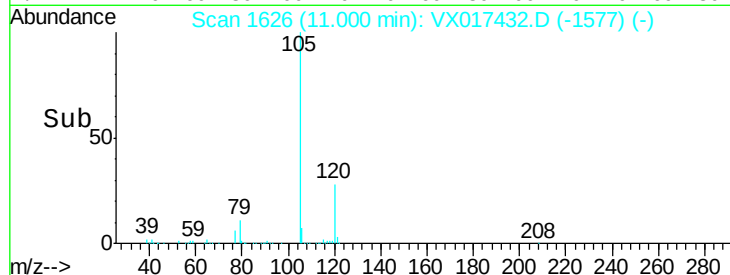
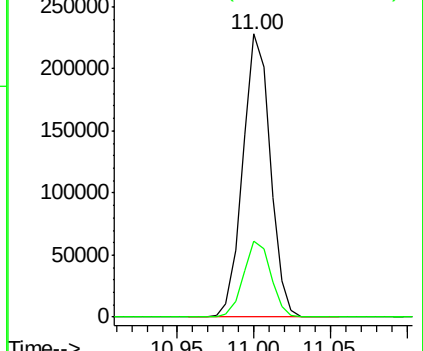
105 100

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: 19.501 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Tgt Ion: 43 Resp: 113760

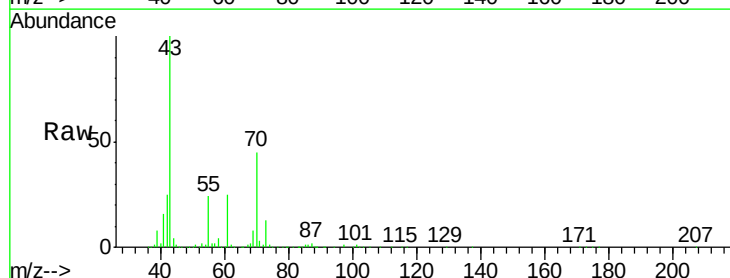
Ion Ratio Lower Upper

43 100

70 44.7 35.7 53.5

55 25.3 20.3 30.5

61 24.2 20.0 30.0

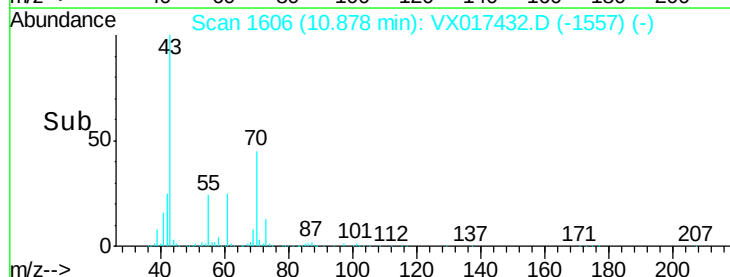
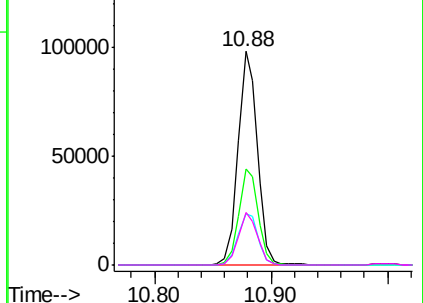


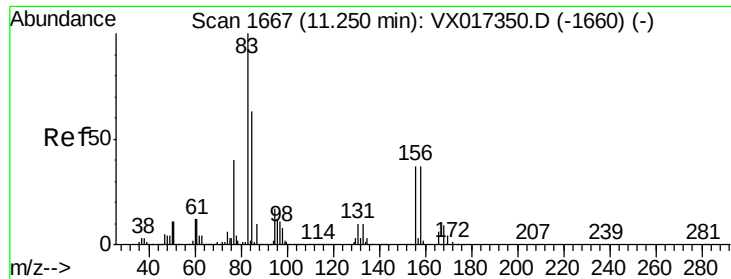
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.347 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

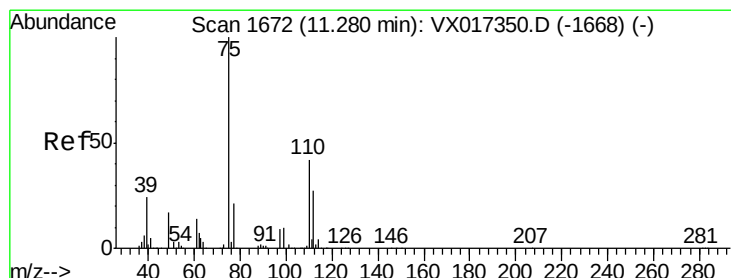
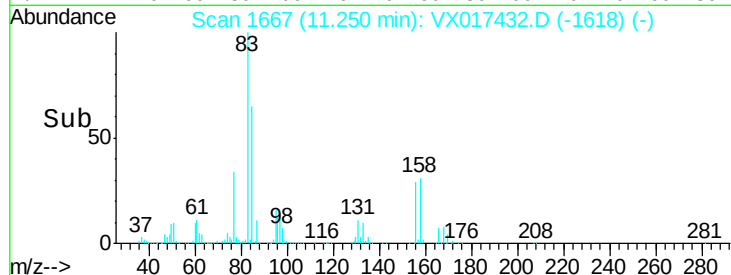
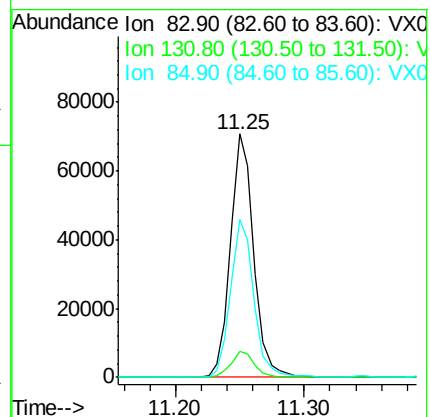
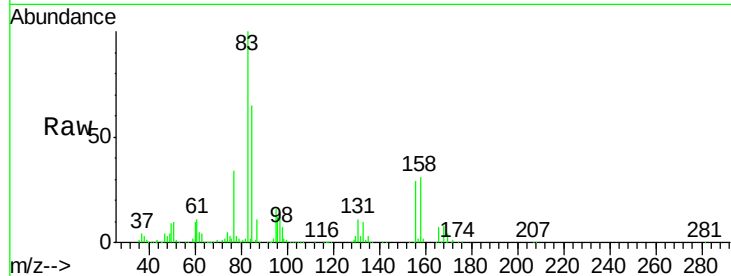
Tot Ion: 83 Resp: 90058

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.7

85 65.1 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 19.856 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017432.D

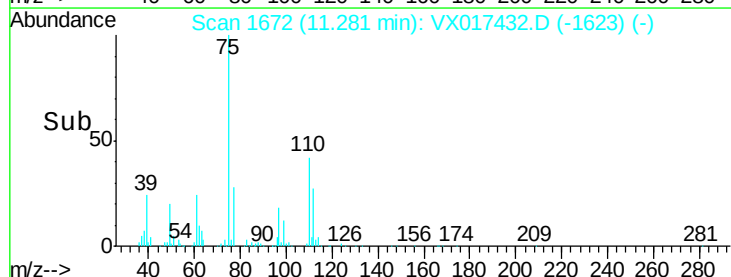
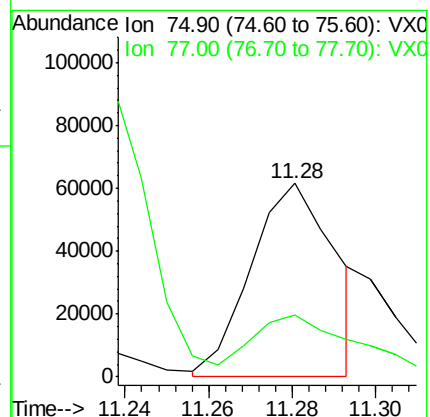
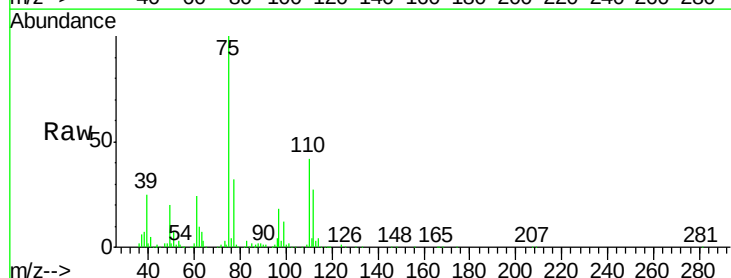
Acq: 20 Jul 2020 11:43

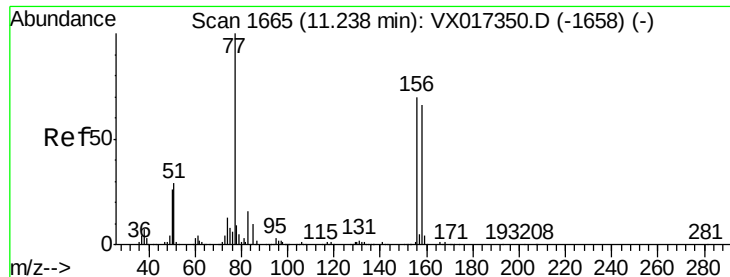
Tgt Ion: 75 Resp: 85324

Ion Ratio Lower Upper

75 100

77 40.4 20.3 60.9





#77

Bromobenzene

Concen: 18.180 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

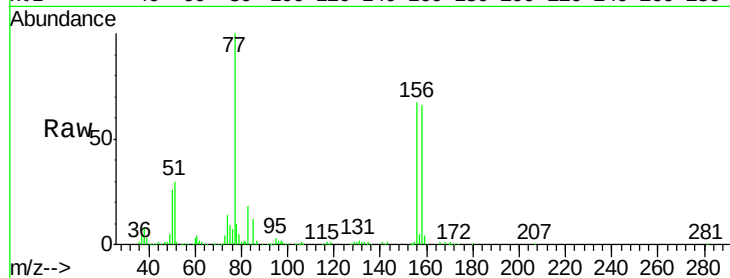
Tot Ion:156 Resp: 75483

Ion Ratio Lower Upper

156 100

77 156.7 72.1 216.3

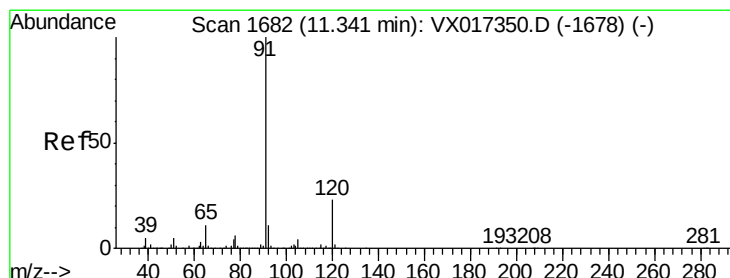
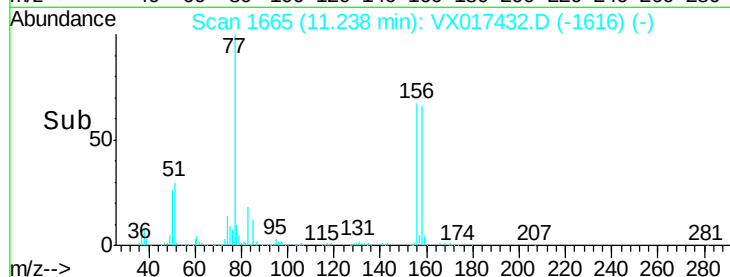
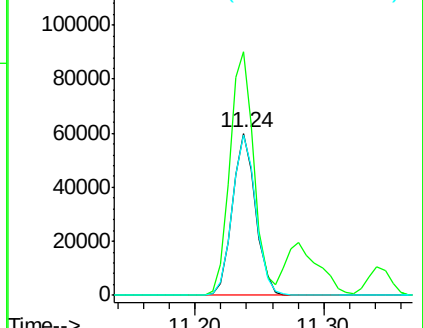
158 100.2 47.4 142.3



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: 19.945 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017432.D

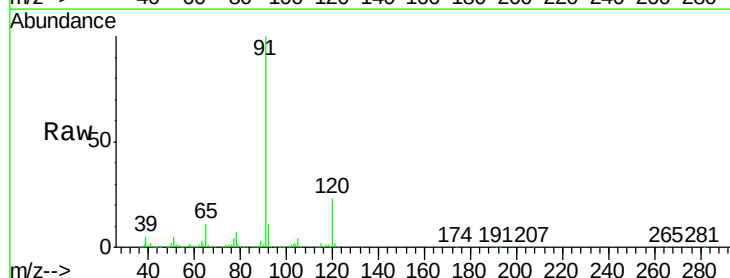
Acq: 20 Jul 2020 11:43

Tgt Ion: 91 Resp: 326543

Ion Ratio Lower Upper

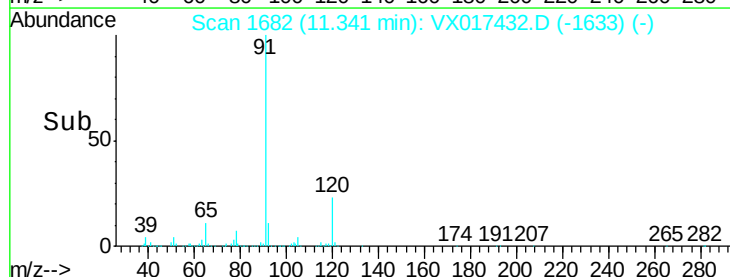
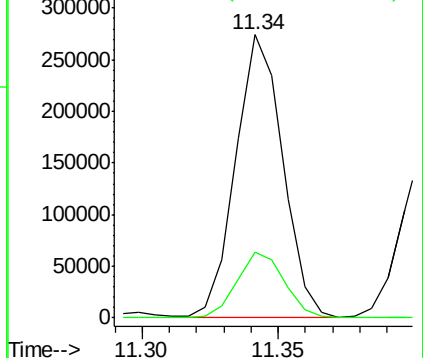
91 100

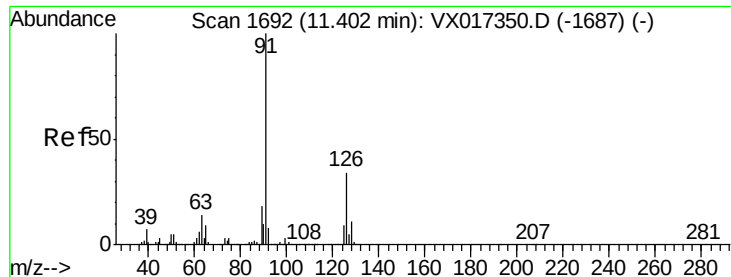
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.585 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

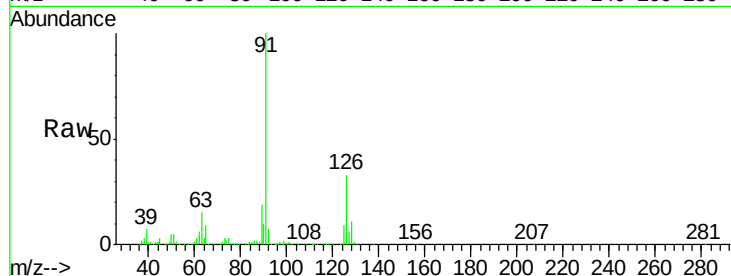
VX0720WBS01

Tot Ion: 91 Resp: 197594

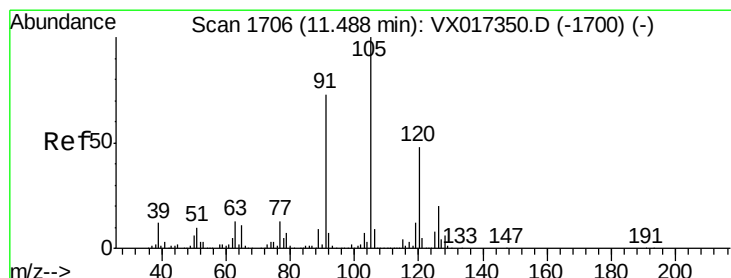
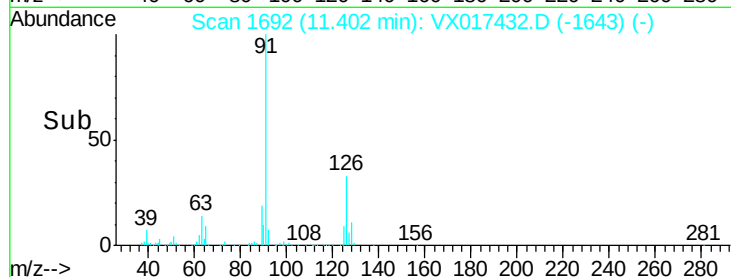
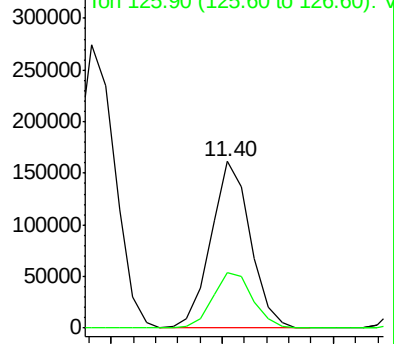
Ion Ratio Lower Upper

91 100

126 34.1 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX017350.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.492 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017432.D

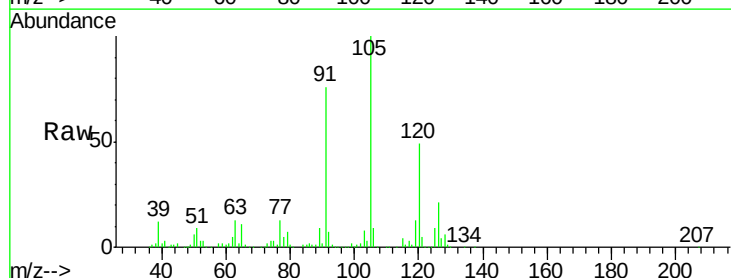
Acq: 20 Jul 2020 11:43

Tgt Ion: 105 Resp: 241202

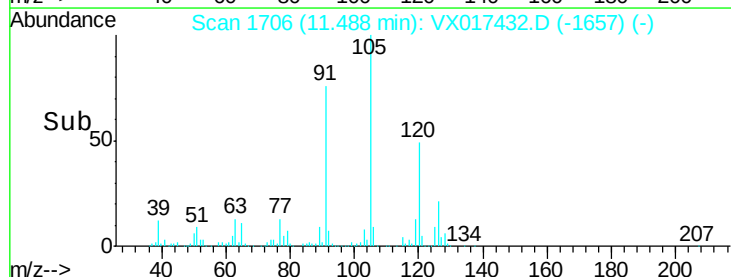
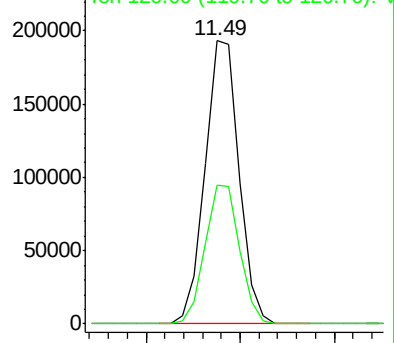
Ion Ratio Lower Upper

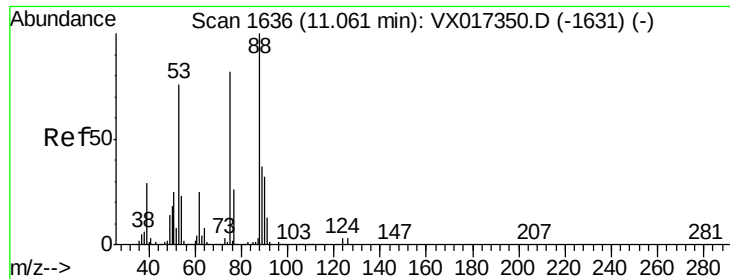
105 100

120 49.8 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX017350.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.347 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

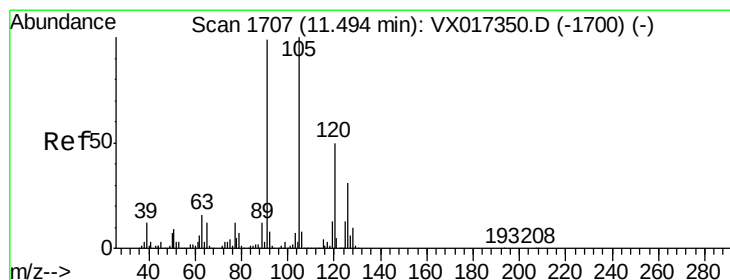
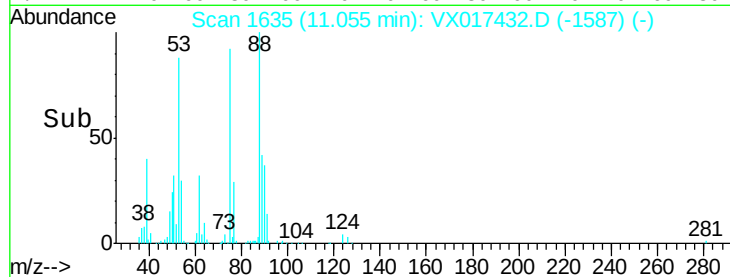
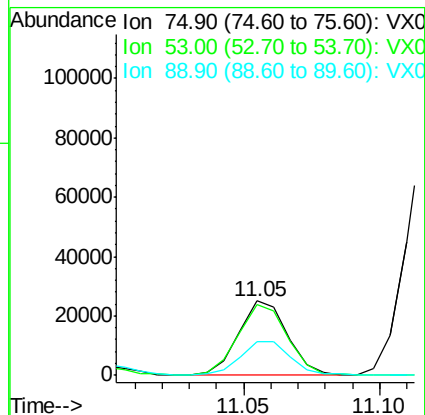
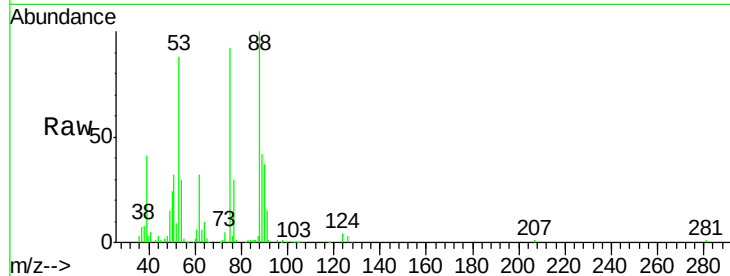
Tot Ion: 75 Resp: 31078

Ion Ratio Lower Upper

75 100

53 97.3 76.5 114.7

89 49.0 38.1 57.1



#82

4-Chlorotoluene

Concen: 19.632 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017432.D

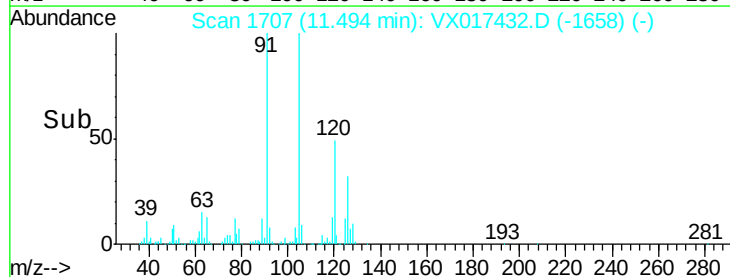
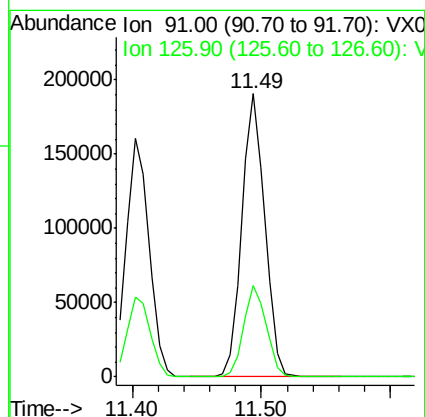
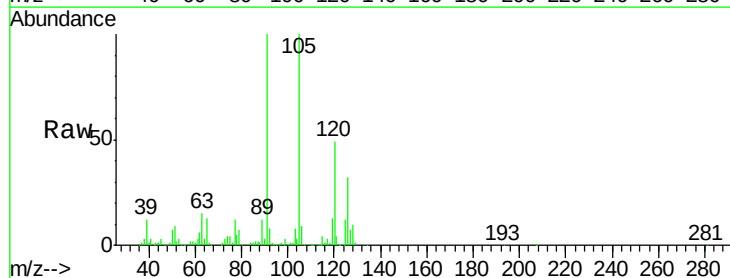
Acq: 20 Jul 2020 11:43

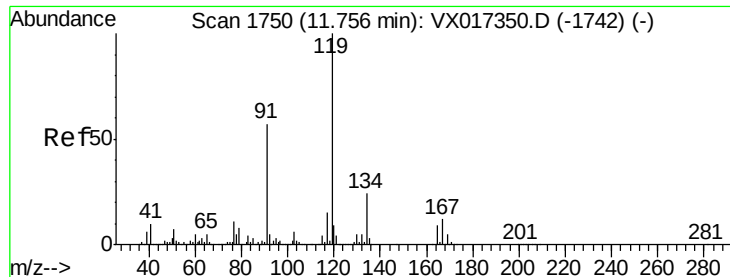
Tgt Ion: 91 Resp: 234736

Ion Ratio Lower Upper

91 100

126 31.9 15.4 46.2

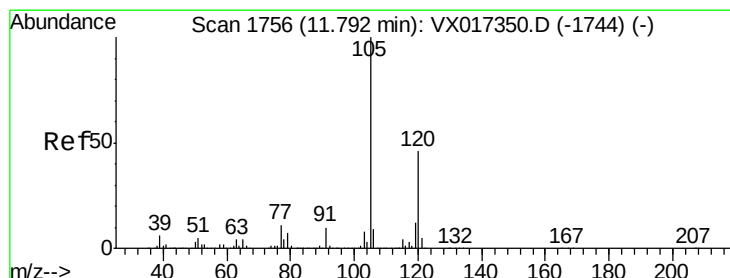
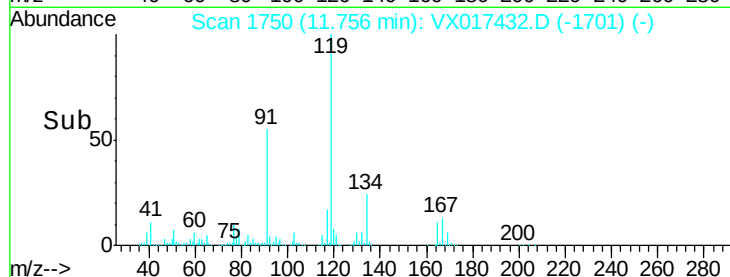
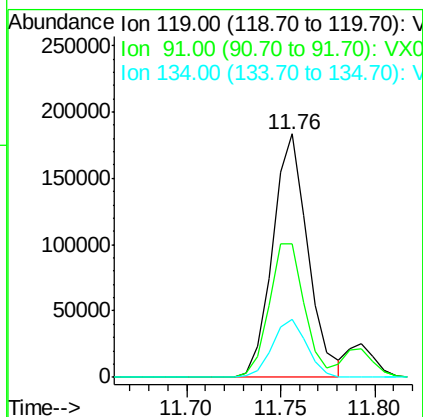
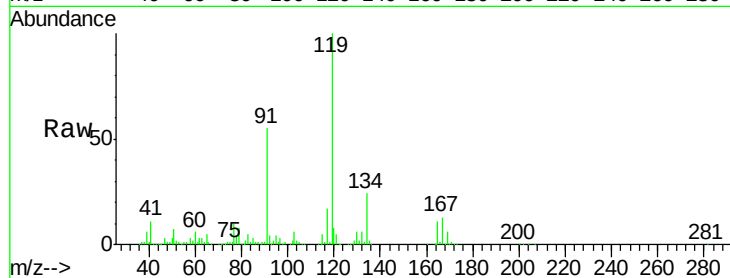




#83
 tert-Butylbenzene
 Concen: 19.805 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

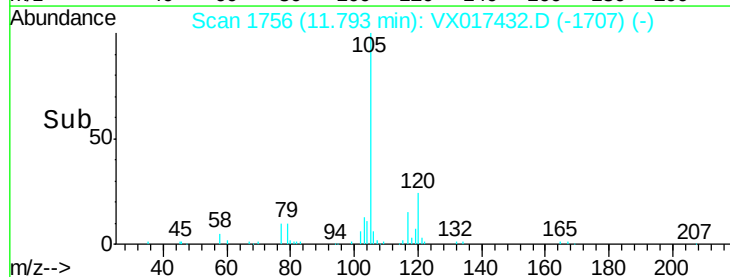
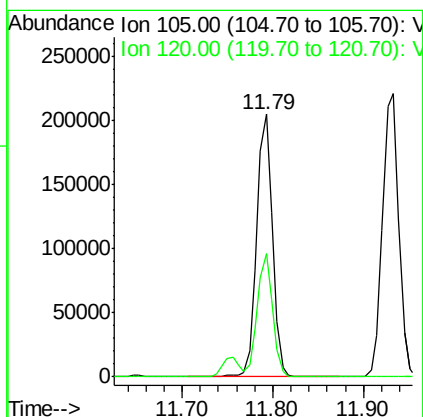
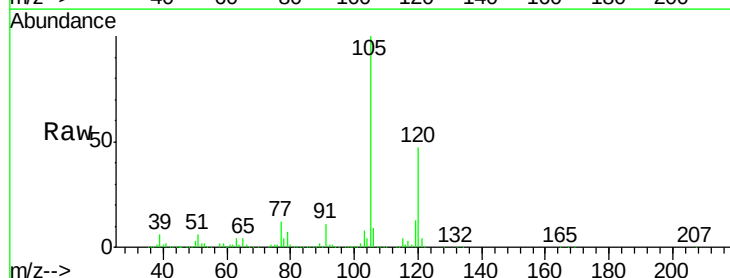
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

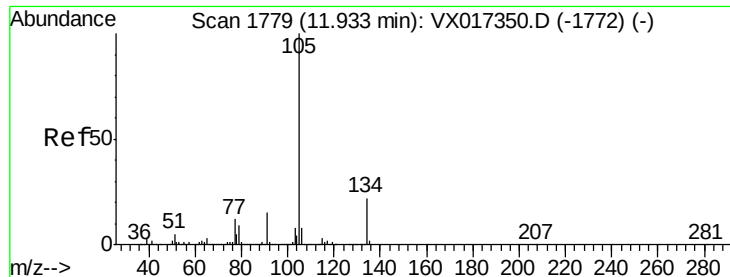
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.3	28.5	85.6
134	23.3	11.9	35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.816 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.8	68.4





#85

sec-Butylbenzene

Concen: 19.557 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

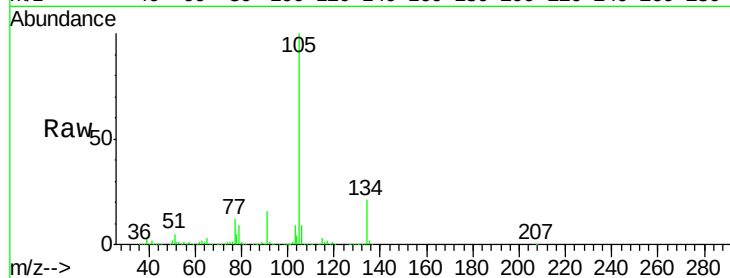
VX0720WBS01

Tot Ion:105 Resp: 273897

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

250000

200000

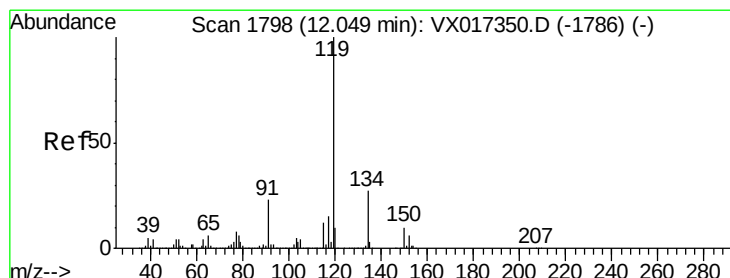
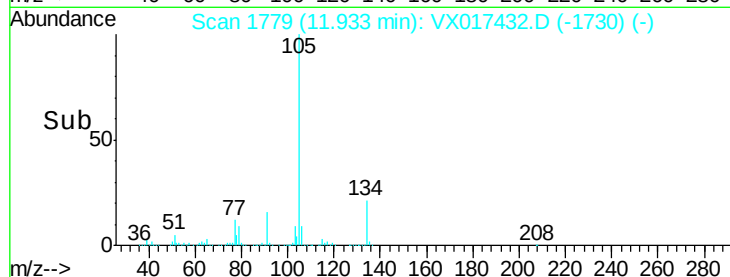
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.386 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

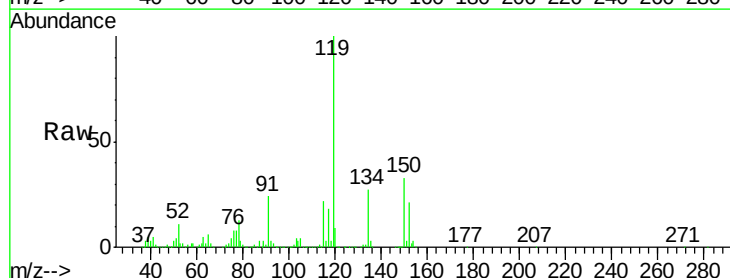
Tgt Ion:119 Resp: 256891

Ion Ratio Lower Upper

119 100

134 27.5 13.5 40.5

91 24.1 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

12.05

300000

250000

200000

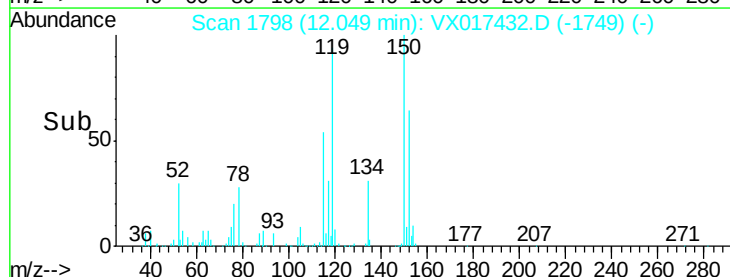
150000

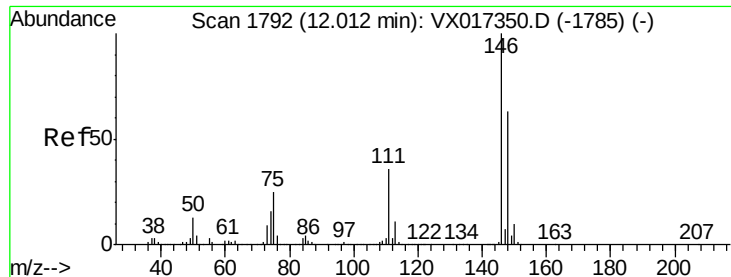
100000

50000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 18.386 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampled :

VX0720WBS01

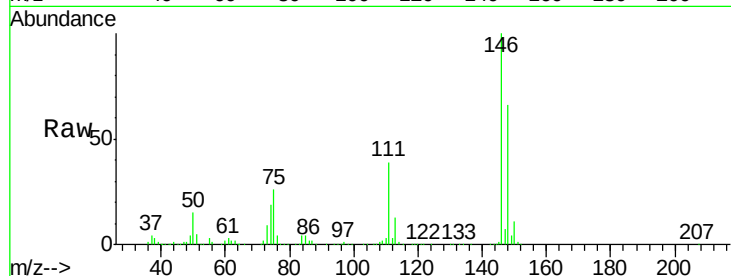
Tot Ion:146 Resp: 136562

Ion Ratio Lower Upper

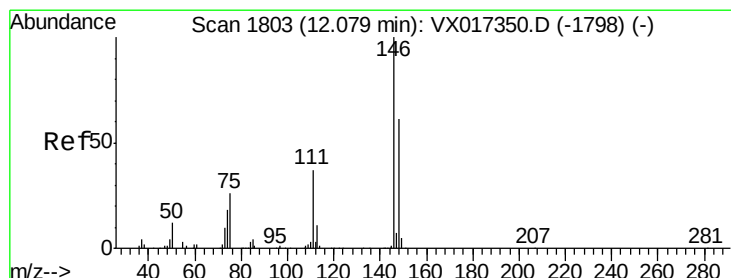
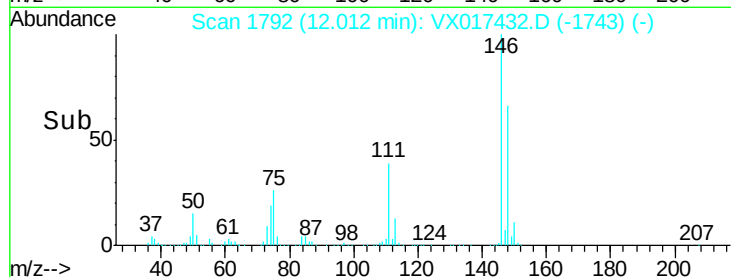
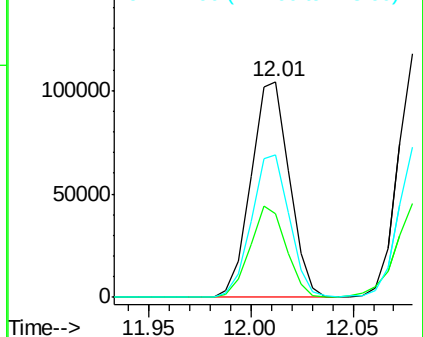
146 100

111 40.4 19.2 57.6

148 65.5 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: 18.994 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

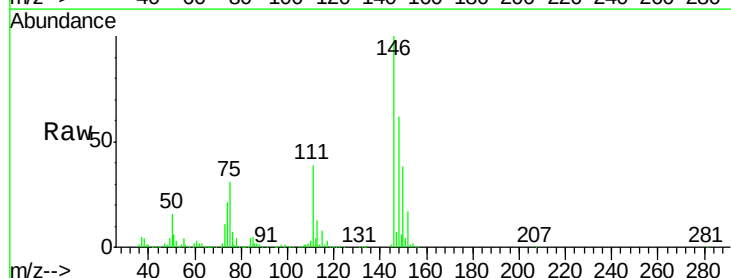
Tgt Ion:146 Resp: 142533

Ion Ratio Lower Upper

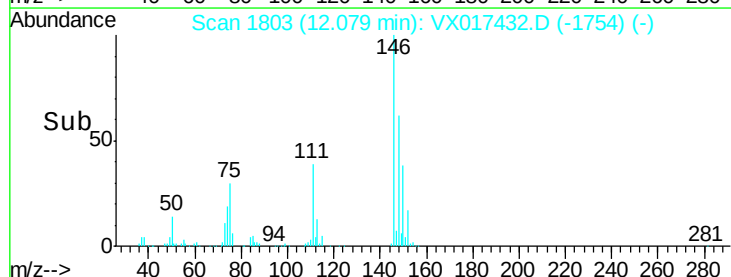
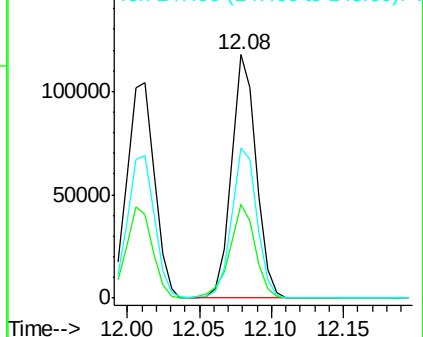
146 100

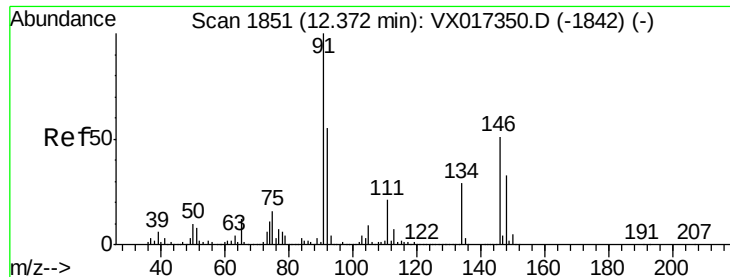
111 40.0 18.9 56.9

148 63.5 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

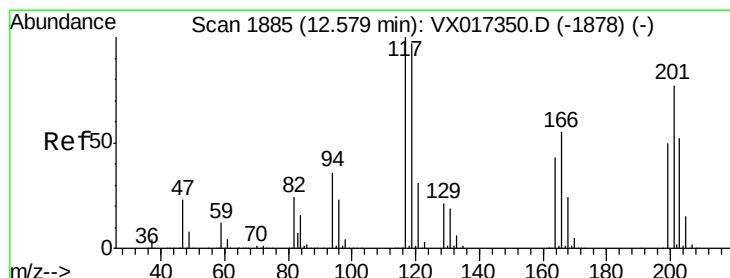
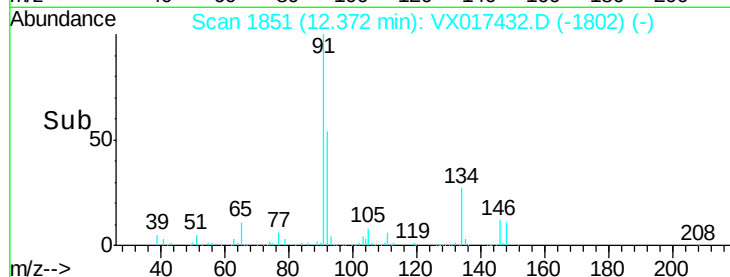
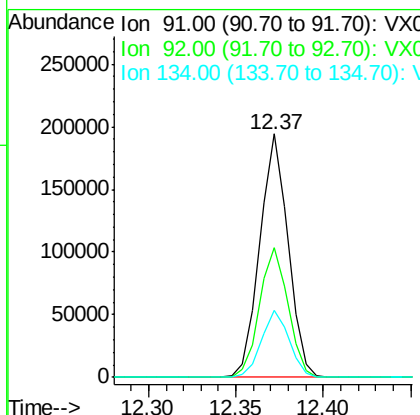
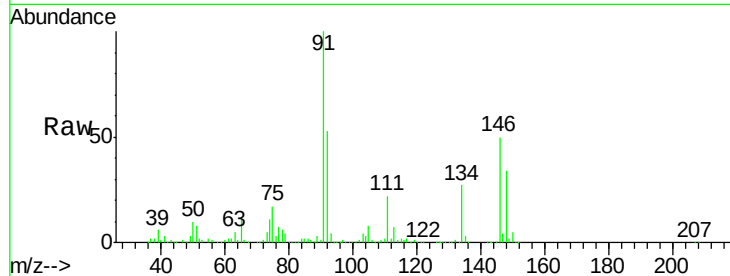




#89
n-Butylbenzene
Concen: 19.380 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

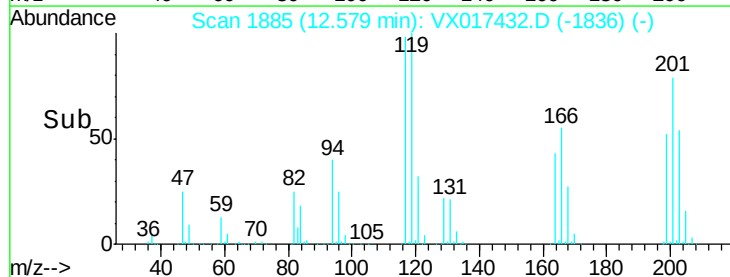
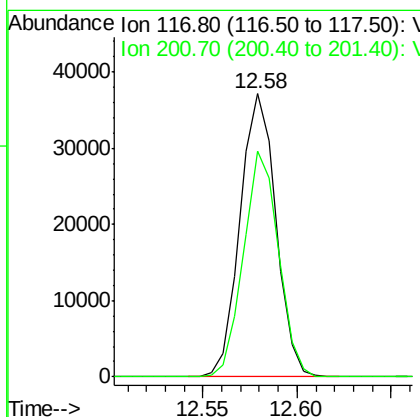
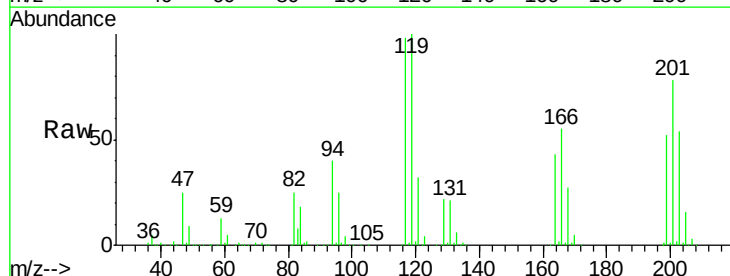
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS01

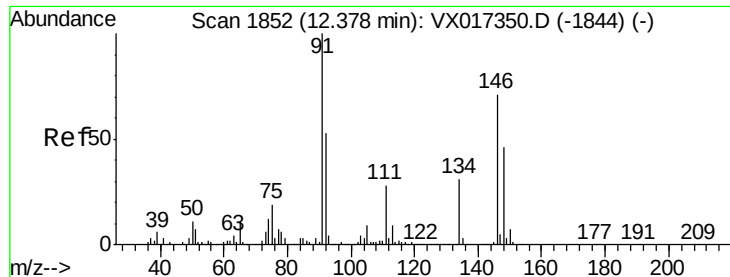
Tot Ion: 91 Resp: 219023
Ion Ratio Lower Upper
91 100
92 53.9 27.0 81.0
134 27.3 14.1 42.2



#90
Hexachloroethane
Concen: 19.465 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017432.D
Acq: 20 Jul 2020 11:43

Tgt Ion: 117 Resp: 48969
Ion Ratio Lower Upper
117 100
201 78.1 41.0 123.0

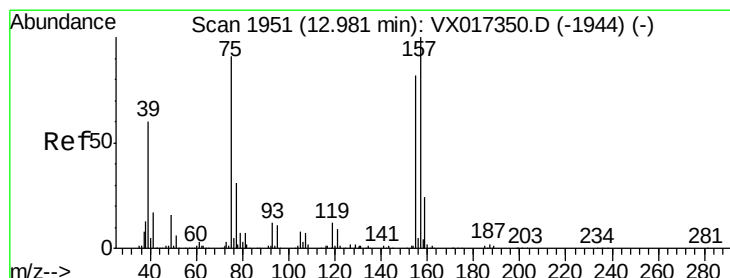
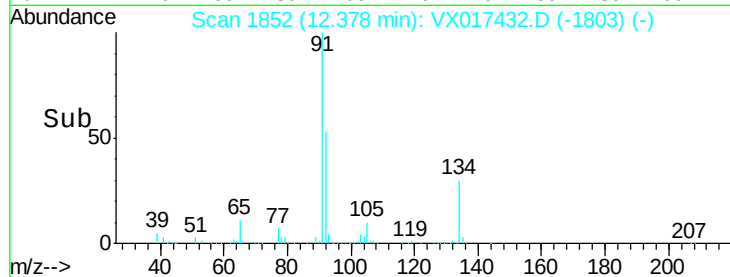
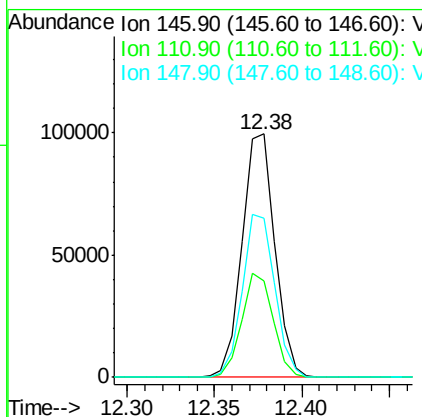
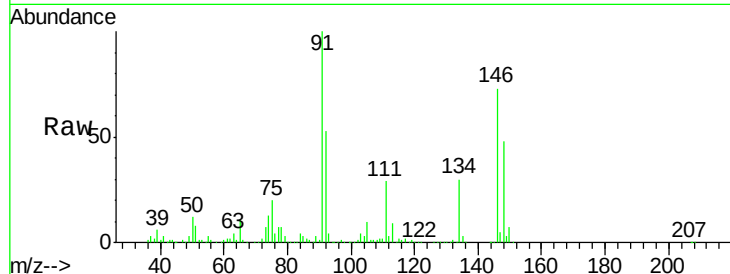




#91
 1,2-Dichlorobenzene
 Concen: 18.603 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

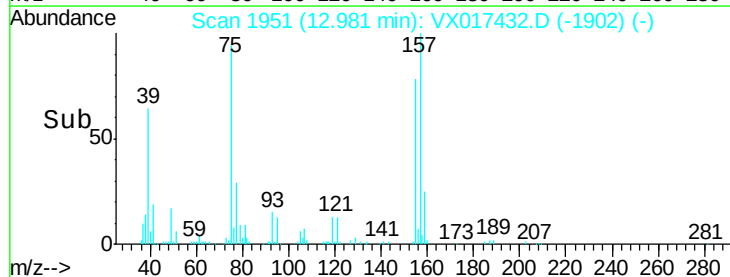
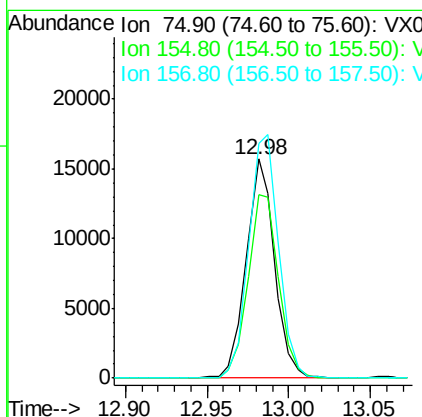
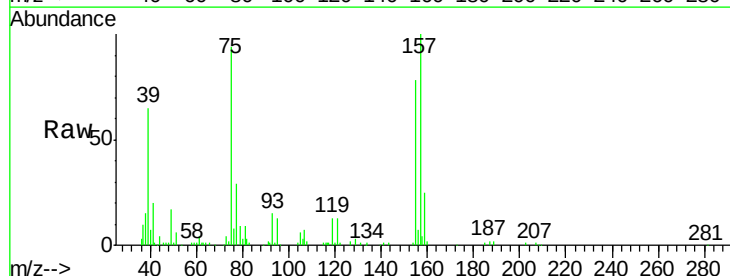
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

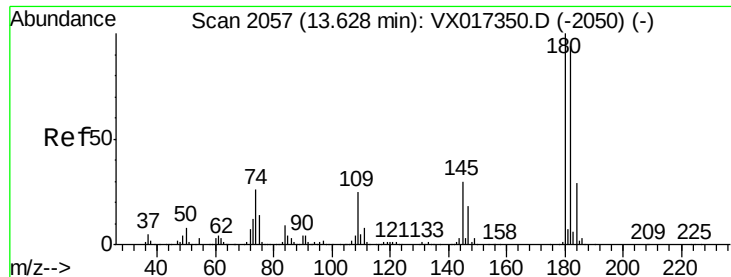
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	61.0
148	66.5	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.383 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	46.5	139.3
157	116.2	58.0	173.9

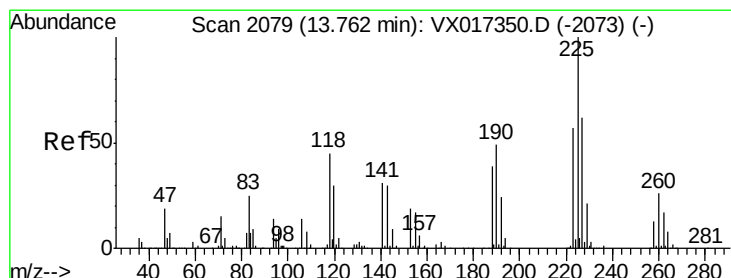
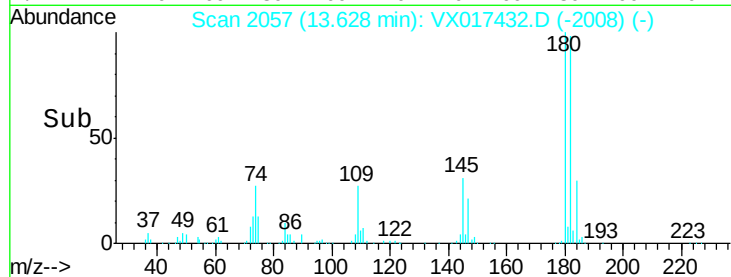
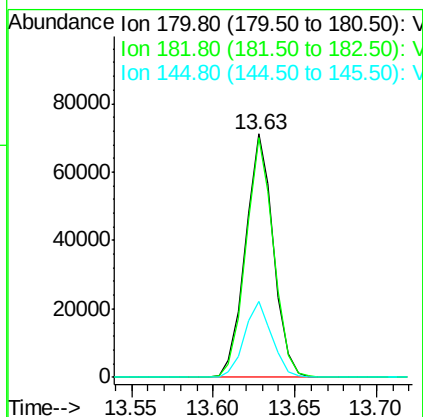
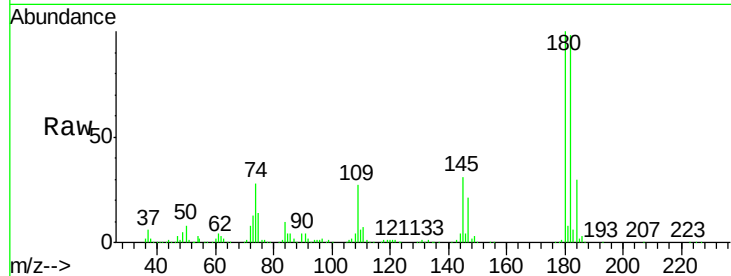




#93
 1,2,4-Trichlorobenzene
 Concen: 17.528 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

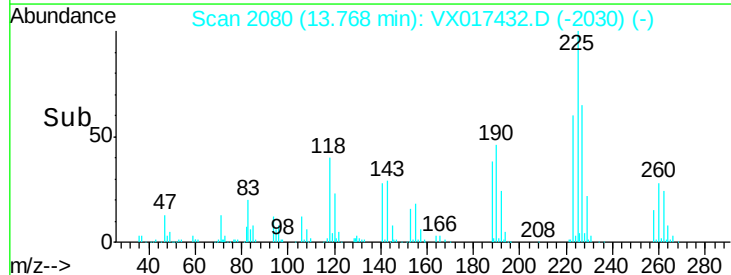
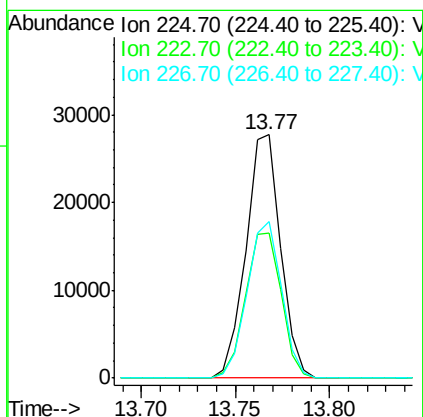
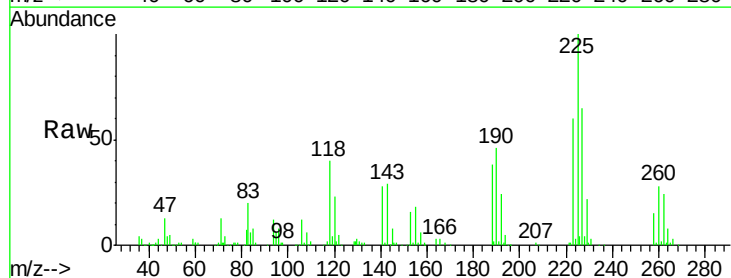
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

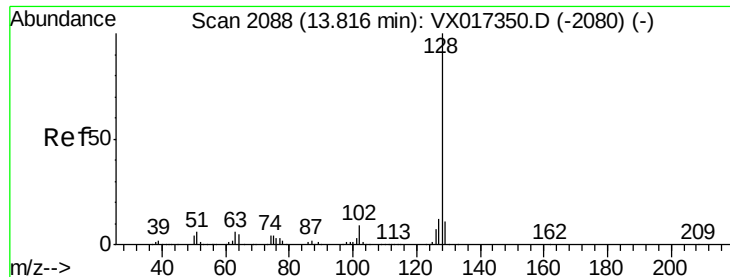
Tot Ion:180 Resp: 84927
 Ion Ratio Lower Upper
 180 100
 182 97.1 48.4 145.0
 145 30.7 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 17.913 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017432.D
 Acq: 20 Jul 2020 11:43

Tgt Ion:225 Resp: 35395
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.3 93.8
 227 63.8 31.6 95.0





#95

Naphthalene

Concen: 18.077 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS01

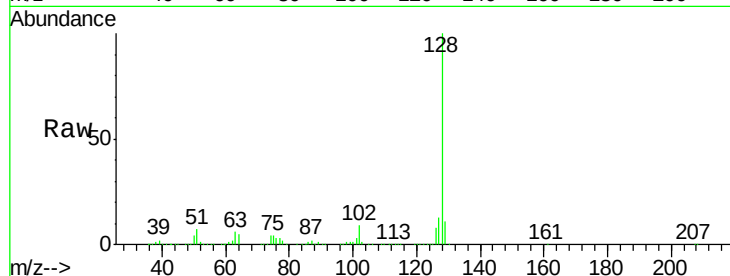
Tot Ion:128 Resp: 257520

Ion Ratio Lower Upper

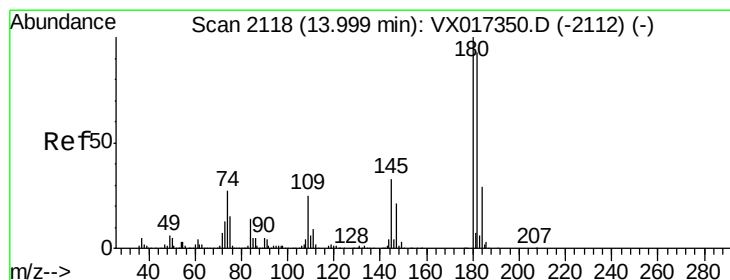
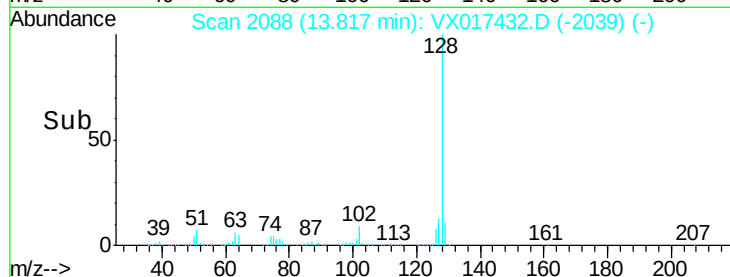
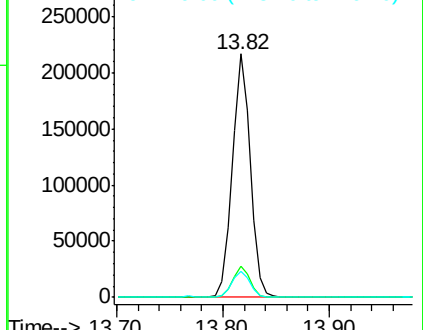
128 100

127 12.4 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: 17.984 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017432.D

Acq: 20 Jul 2020 11:43

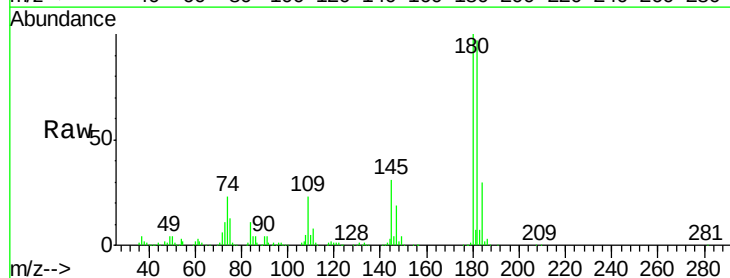
Tgt Ion:180 Resp: 84170

Ion Ratio Lower Upper

180 100

182 97.2 48.8 146.3

145 33.6 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

