

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110218\
 Data File : VX005747.D
 Acq On : 02 Nov 2018 11:08
 Operator : JC/MD
 Sample : VX1102WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

Quant Time: Nov 03 01:24:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	122783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	210948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	178045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89609	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	90171	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	5.50	113	68187	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
50) Toluene-d8	8.71	98	235219	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
62) 4-Bromofluorobenzene	11.14	95	83827	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31055	21.894	ug/l	91
3) Chloromethane	1.32	50	32289	19.299	ug/l	90
4) Vinyl Chloride	1.40	62	34514	19.828	ug/l	98
5) Bromomethane	1.64	94	35235	16.313	ug/l	94
6) Chloroethane	1.72	64	21748	21.317	ug/l	91
7) Trichlorofluoromethane	1.93	101	44259	19.809	ug/l	96
8) Diethyl Ether	2.19	74	18421	18.343	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25942	19.115	ug/l	89
10) Methyl Iodide	2.51	142	24389	19.687	ug/l	98
11) Tert butyl alcohol	3.07	59	50047	102.660	ug/l	100
12) 1,1-Dichloroethene	2.37	96	24360	18.420	ug/l	84
13) Acrolein	2.29	56	24358	78.613	ug/l	98
14) Allyl chloride	2.73	41	52848	19.326	ug/l	97
15) Acrylonitrile	3.15	53	107035	99.845	ug/l	99
16) Acetone	2.45	43	96814	99.269	ug/l	96
17) Carbon Disulfide	2.56	76	72445	17.827	ug/l	98
18) Methyl Acetate	2.78	43	51307	19.915	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	89424	19.535	ug/l	98
20) Methylene Chloride	2.85	84	30851	19.930	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	25597	18.292	ug/l	93
22) Diisopropyl ether	3.88	45	95085	18.745	ug/l #	89
23) Vinyl Acetate	3.82	43	414630	93.845	ug/l	99
24) 1,1-Dichloroethane	3.70	63	55115	19.215	ug/l	100
25) 2-Butanone	4.71	43	146069	96.461	ug/l	93
26) 2,2-Dichloropropane	4.58	77	40225	18.761	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	30799	19.587	ug/l	99
28) Bromochloromethane	5.02	49	28916	20.664	ug/l	91
29) Tetrahydrofuran	5.16	42	90062	97.442	ug/l	94
30) Chloroform	5.21	83	51232	18.269	ug/l	98
31) Cyclohexane	5.57	56	44432	18.525	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	42244	18.823	ug/l	96
36) 1,1-Dichloropropene	5.79	75	38951	17.331	ug/l	97
37) Ethyl Acetate	4.86	43	51010	17.790	ug/l	98
38) Carbon Tetrachloride	5.78	117	35959	17.709	ug/l	97

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 ClientSampleId :
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Quant Time: Nov 03 01:24:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	41063	17.519	ug/l	95
40) Benzene	6.15	78	114167	17.075	ug/l	99
41) Methacrylonitrile	5.06	41	27532	17.771	ug/l	98
42) 1,2-Dichloroethane	6.20	62	43431	17.573	ug/l	100
43) Isopropyl Acetate	6.46	43	72039	17.310	ug/l	98
44) Trichloroethene	7.21	130	27172	17.571	ug/l	84
45) 1,2-Dichloropropane	7.52	63	31573	18.426	ug/l	94
46) Dibromomethane	7.66	93	19912	18.184	ug/l	86
47) Bromodichloromethane	7.90	83	36209	17.628	ug/l	100
48) Methyl methacrylate	7.78	41	35689	17.718	ug/l	97
49) 1,4-Dioxane	7.76	88	16747	373.380	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	254032	89.521	ug/l	99
52) Toluene	8.79	92	64107	17.726	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	37593	16.888	ug/l	95
54) cis-1,3-Dichloropropene	8.44	75	43160	18.097	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	27965	17.805	ug/l	97
56) Ethyl methacrylate	9.18	69	40285	16.834	ug/l	98
57) 1,3-Dichloropropane	9.37	76	47972	17.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	124993	89.470	ug/l	95
59) 2-Hexanone	9.50	43	202439	87.662	ug/l	97
60) Dibromochloromethane	9.59	129	25582	16.856	ug/l	99
61) 1,2-Dibromoethane	9.67	107	28612	17.878	ug/l	98
64) Tetrachloroethene	9.34	164	24925	19.162	ug/l	96
65) Chlorobenzene	10.14	112	69326	18.323	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	24308	18.768	ug/l	98
67) Ethyl Benzene	10.25	91	120190	18.614	ug/l	99
68) m/p-Xylenes	10.36	106	91594	38.174	ug/l	95
69) o-Xylene	10.70	106	42379	18.467	ug/l	94
70) Styrene	10.71	104	72935	19.136	ug/l	98
71) Bromoform	10.86	173	19429	18.514	ug/l #	96
73) Isopropylbenzene	11.02	105	118750	20.087	ug/l	100
74) N-amyl acetate	10.90	43	59095	18.775	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	47207	19.247	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	54246	24.306	ug/l	87
77) Bromobenzene	11.26	156	28812	19.646	ug/l	87
78) n-propylbenzene	11.36	91	144858	20.142	ug/l	96
79) 2-Chlorotoluene	11.42	91	85912	20.001	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	101133	20.147	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	12748	18.455	ug/l	91
82) 4-Chlorotoluene	11.51	91	101881	19.867	ug/l	96
83) tert-Butylbenzene	11.77	119	93637	19.550	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	103449	20.409	ug/l	97
85) sec-Butylbenzene	11.94	105	121972	19.853	ug/l	96
86) p-Isopropyltoluene	12.07	119	103842	19.873	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	54851	19.344	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	56000	18.383	ug/l	97
89) n-Butylbenzene	12.39	91	95757	18.164	ug/l	98
90) Hexachloroethane	12.60	117	16778	18.099	ug/l	81
91) 1,2-Dichlorobenzene	12.40	146	55158	18.619	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11243	19.544	ug/l	85

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

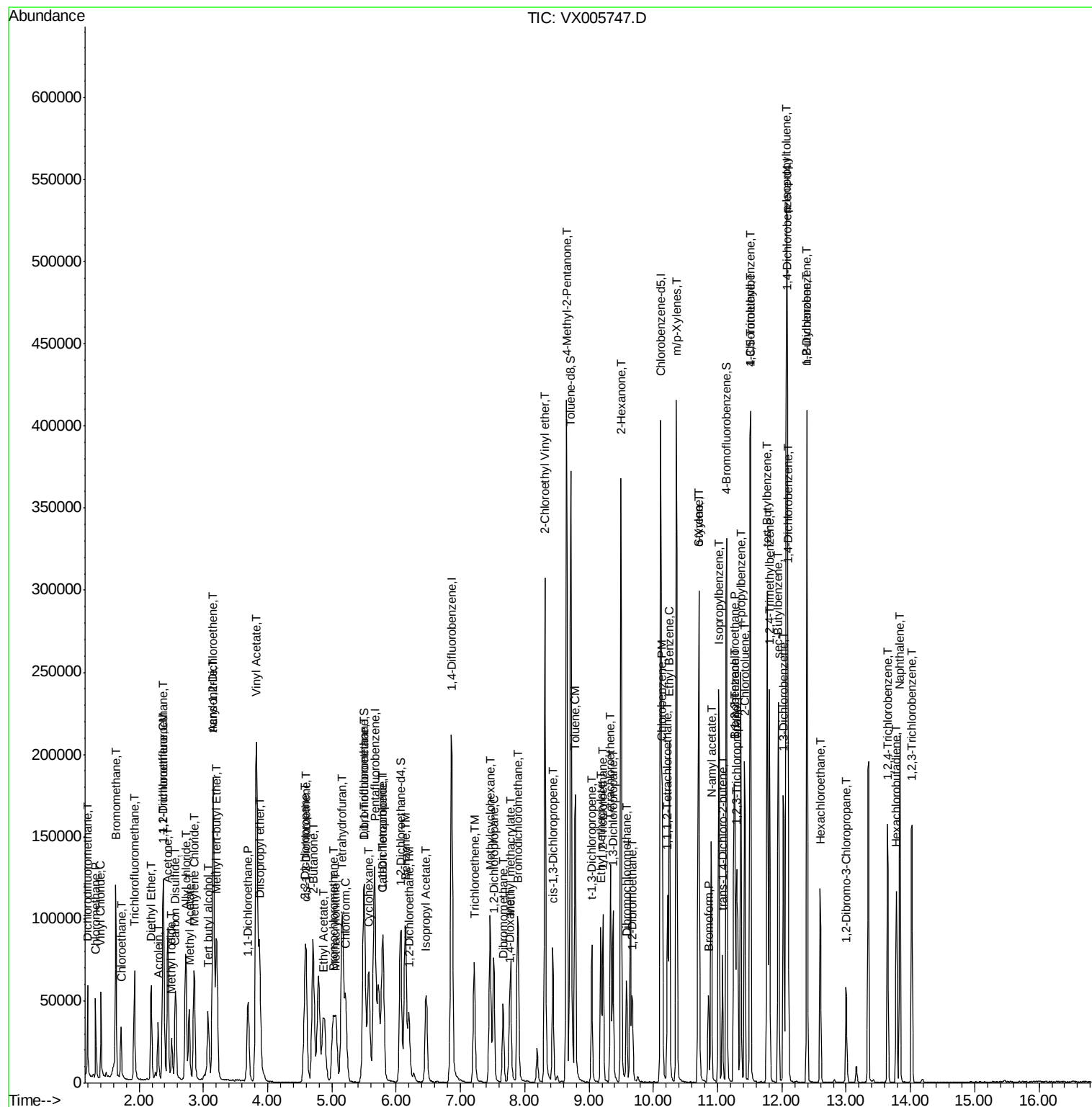
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	35749	18.815	ug/l	99
94) Hexachlorobutadiene	13.79	225	16873	18.357	ug/l	99
95) Naphthalene	13.83	128	122683	19.634	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	38218	19.758	ug/l	98

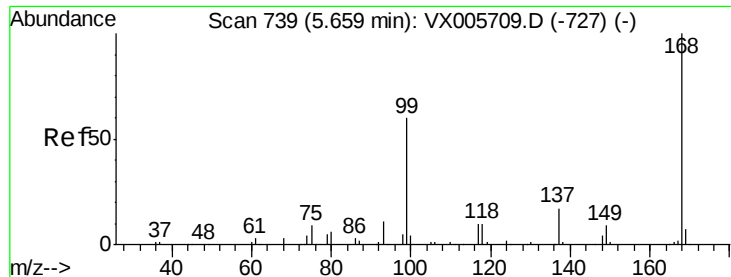
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

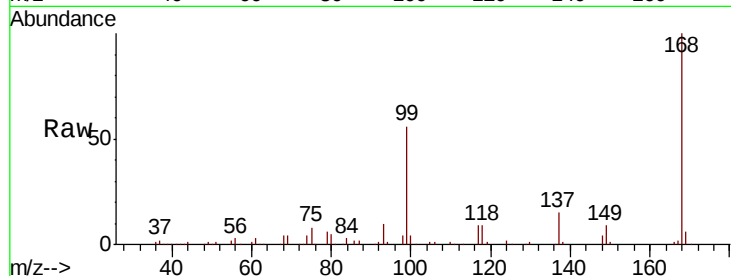
VX1102WBS01

Tot Ion:168 Resp: 122783

Ion Ratio Lower Upper

168 100

99 55.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

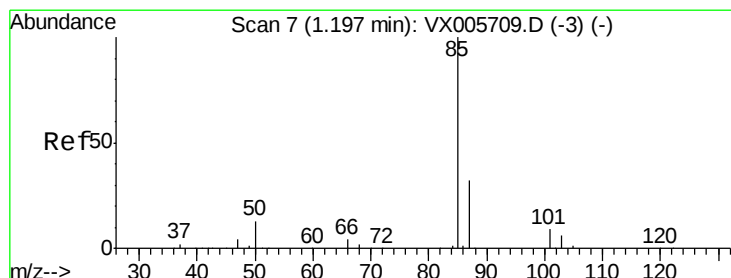
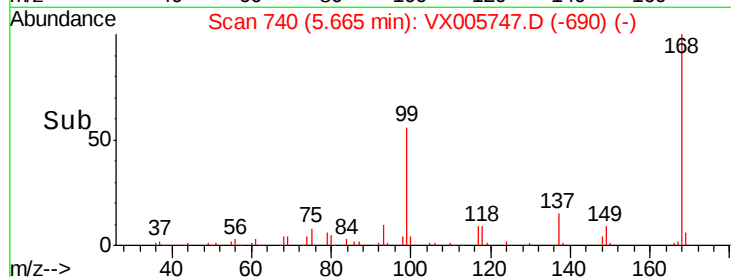
20000

10000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.894 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005747.D

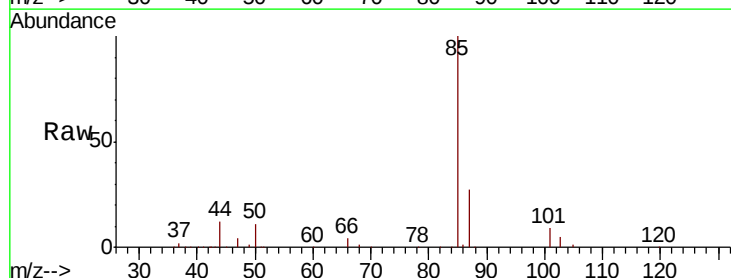
Acq: 02 Nov 2018 11:08

Tgt Ion: 85 Resp: 31055

Ion Ratio Lower Upper

85 100

87 27.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

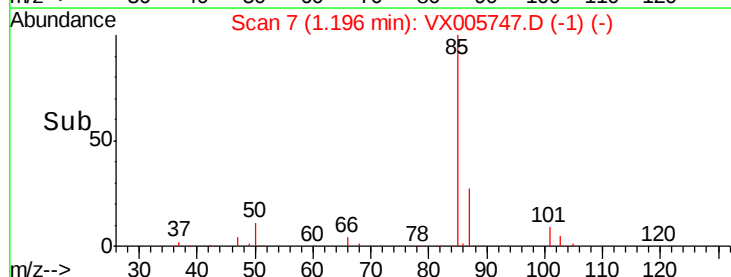
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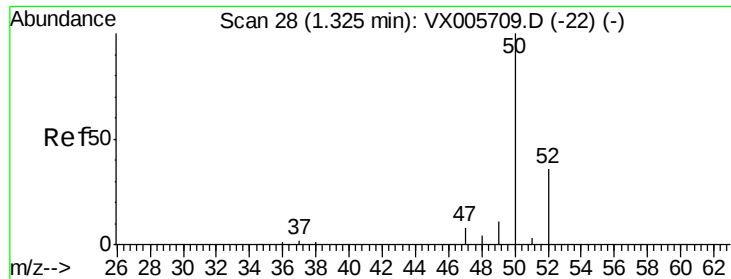
10000

0

1.15 1.20 1.25 1.30

Time-->

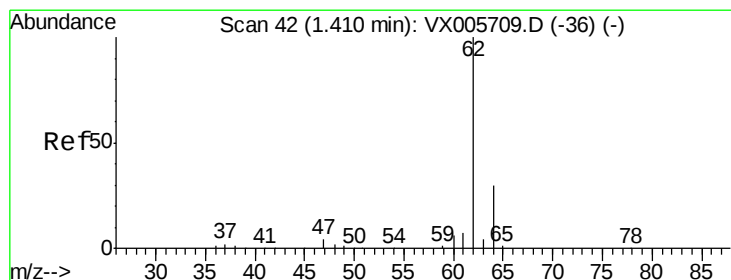
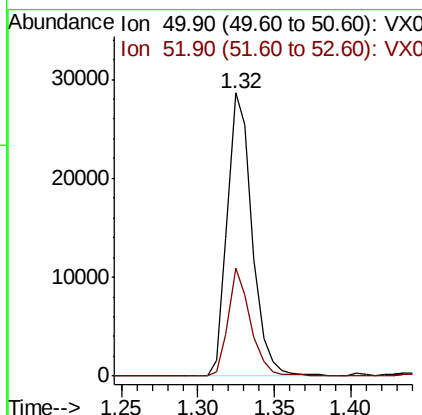
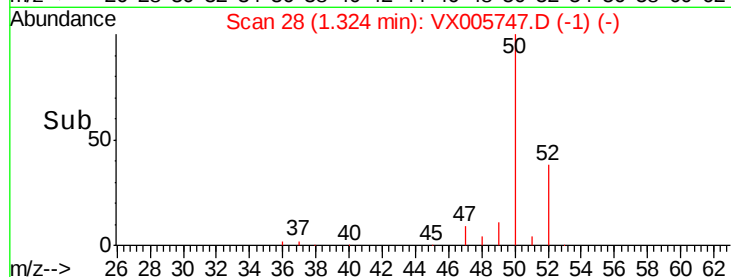
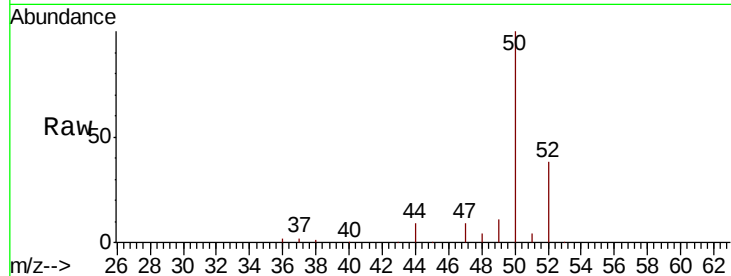




#3
Chloromethane
Concen: 19.299 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

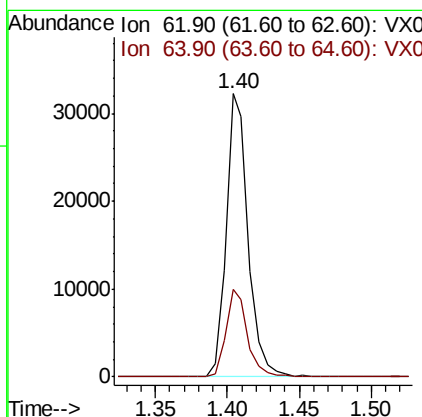
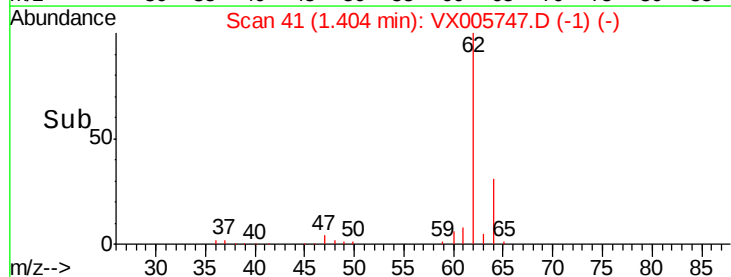
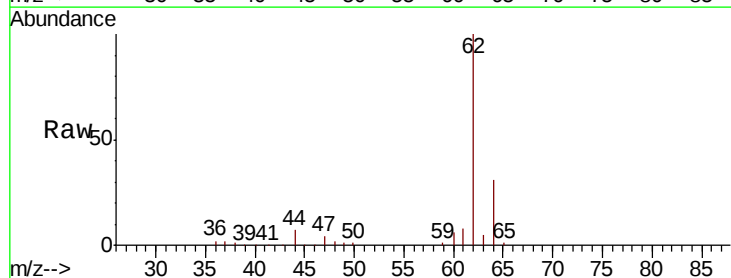
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

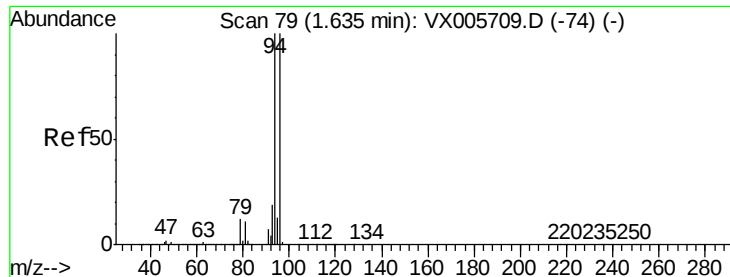
Tot Ion: 50 Resp: 32289
Ion Ratio Lower Upper
50 100
52 38.1 26.2 39.2



#4
Vinyl Chloride
Concen: 19.828 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 62 Resp: 34514
Ion Ratio Lower Upper
62 100
64 30.7 25.3 37.9





#5

Bromomethane

Concen: 16.313 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

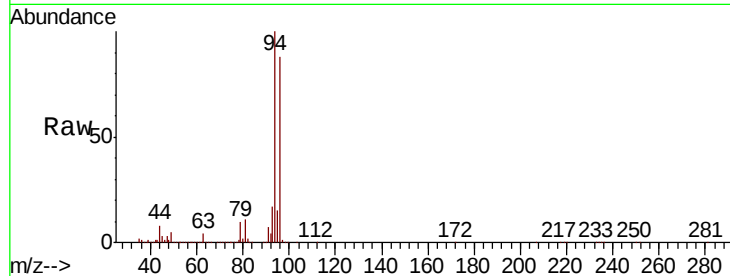
VX1102WBS01

Tot Ion: 94 Resp: 35235

Ion Ratio Lower Upper

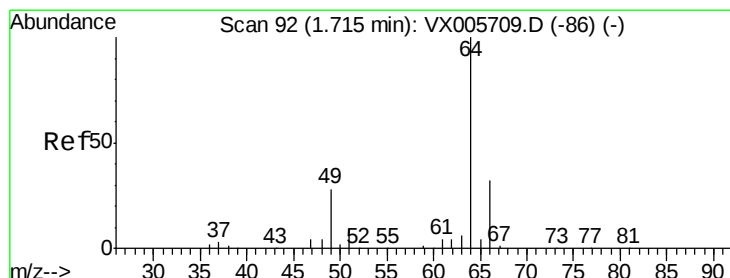
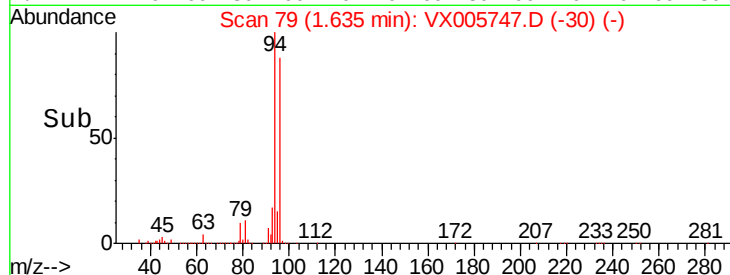
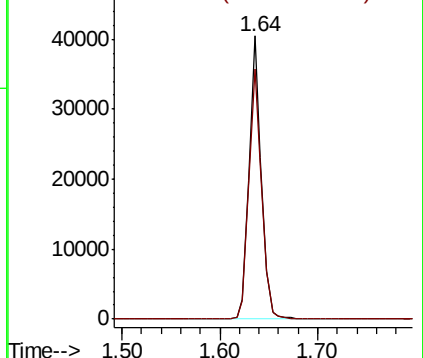
94 100

96 88.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.317 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005747.D

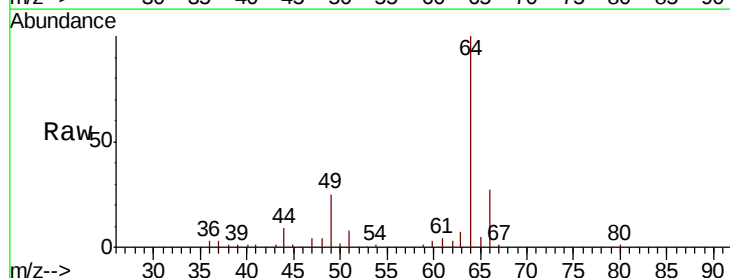
Acq: 02 Nov 2018 11:08

Tgt Ion: 64 Resp: 21748

Ion Ratio Lower Upper

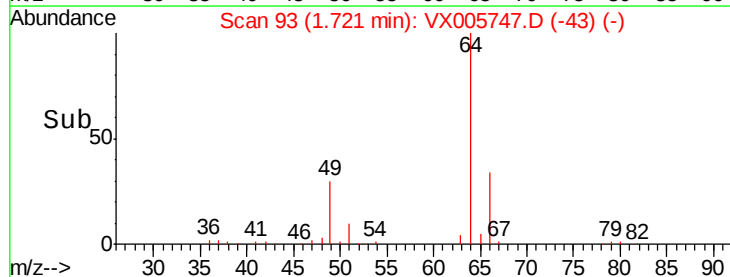
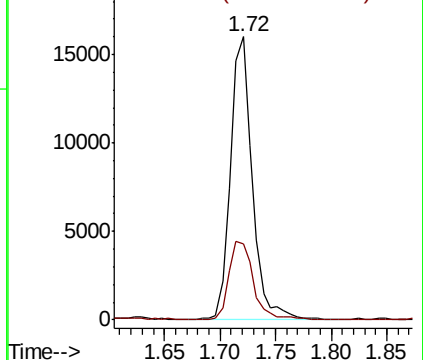
64 100

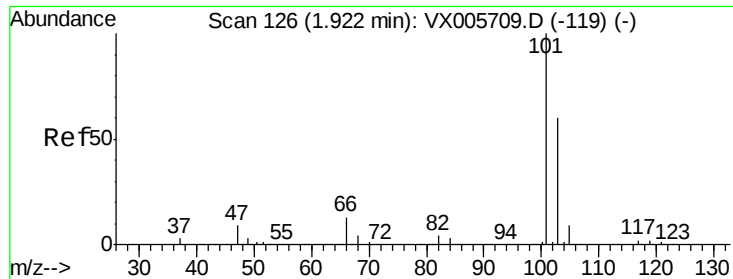
66 27.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



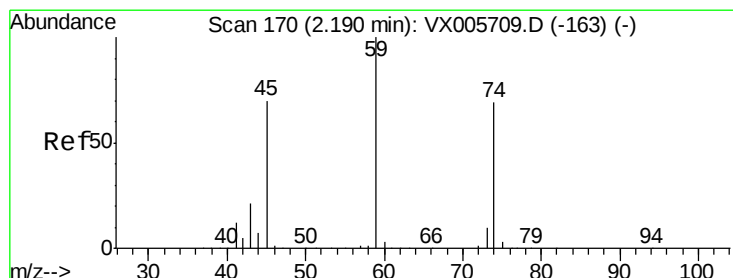
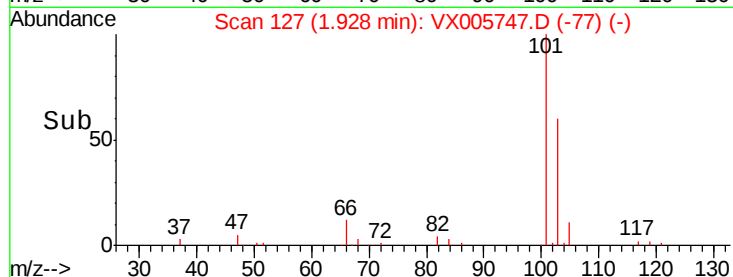
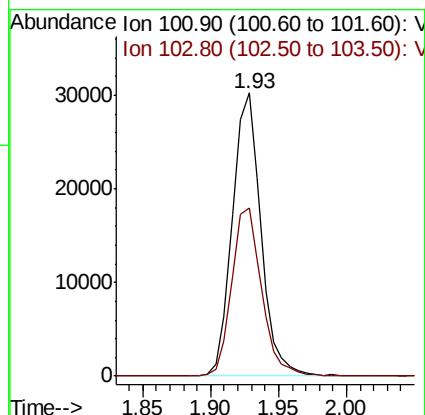
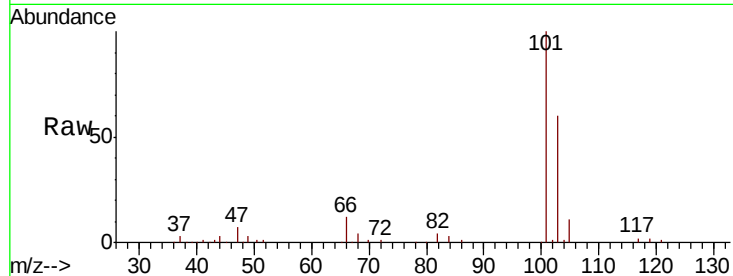


#7

Trichlorofluoromethane
 Concen: 19.809 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

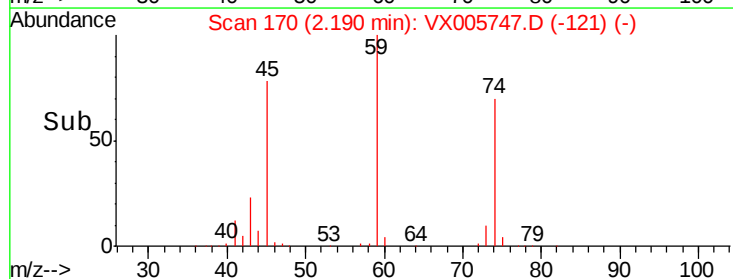
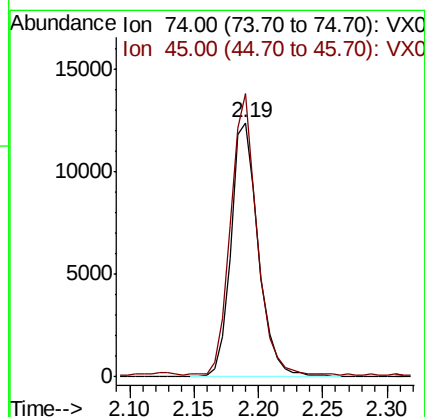
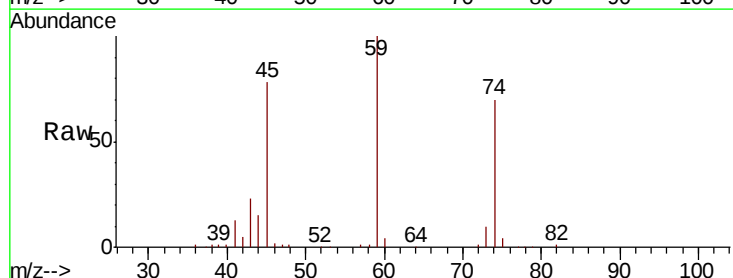
Tot Ion:101 Resp: 44259
 Ion Ratio Lower Upper
 101 100
 103 59.6 50.0 75.0

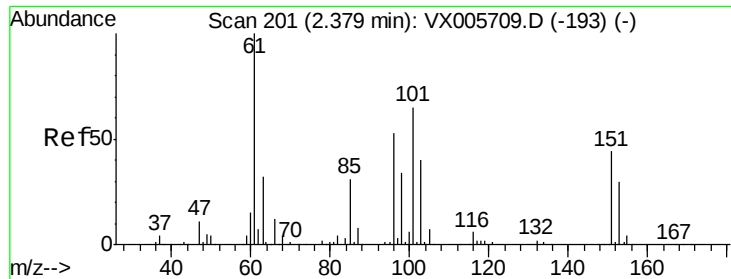


#8

Diethyl Ether
 Concen: 18.343 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion: 74 Resp: 18421
 Ion Ratio Lower Upper
 74 100
 45 108.7 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.115 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

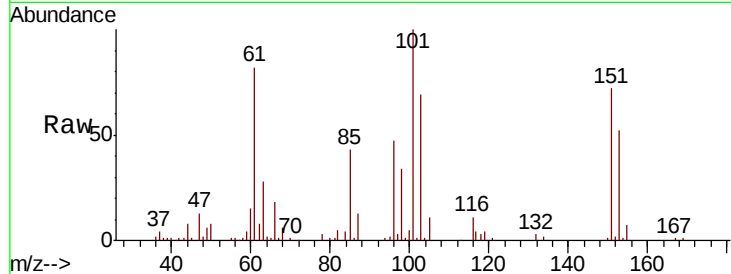
Tot Ion:101 Resp: 25942

Ion Ratio Lower Upper

101 100

85 46.5 35.0 52.4

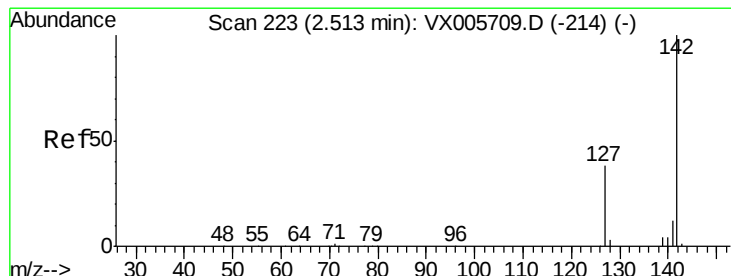
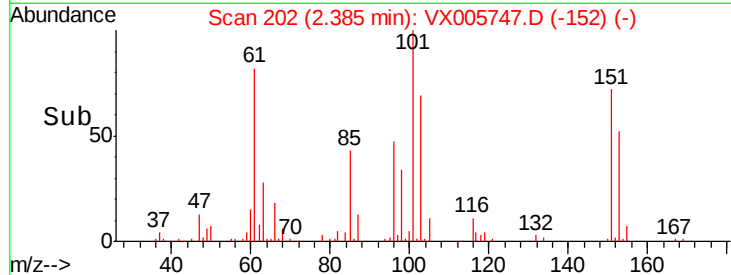
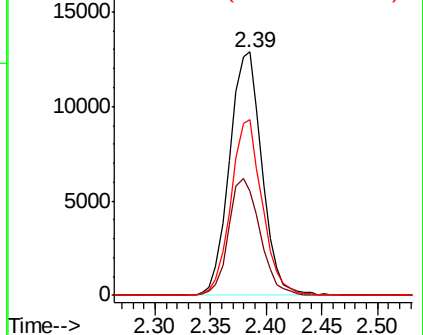
151 69.9 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.687 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

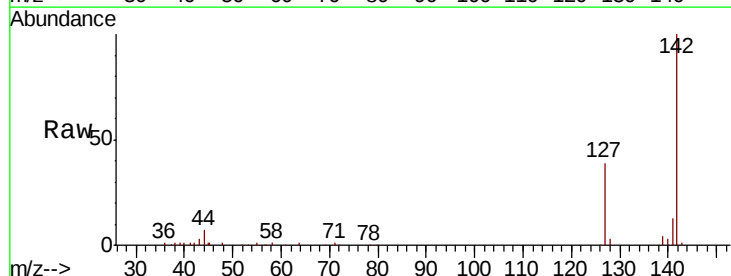
Tgt Ion:142 Resp: 24389

Ion Ratio Lower Upper

142 100

127 43.5 36.0 54.0

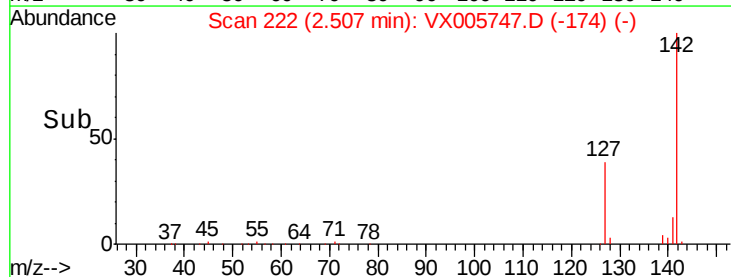
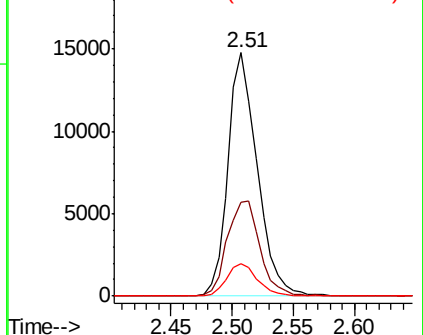
141 13.9 11.7 17.5

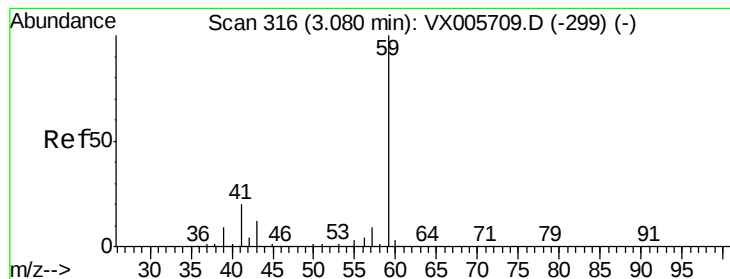


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



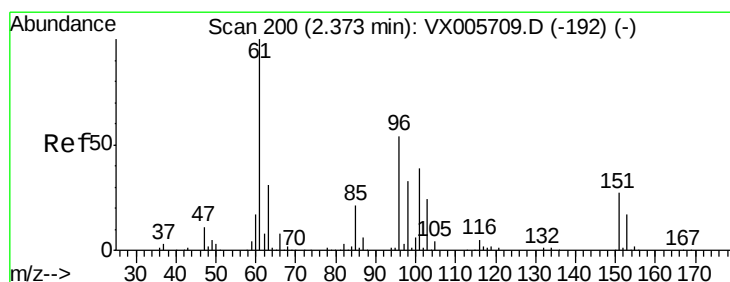
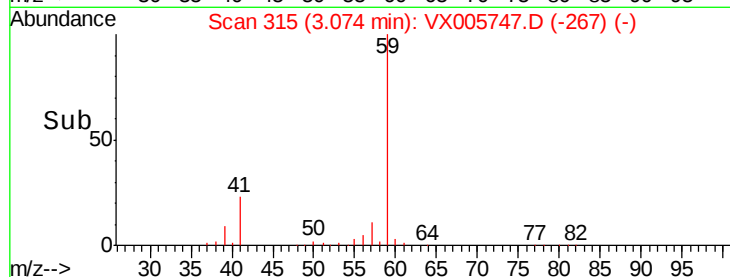
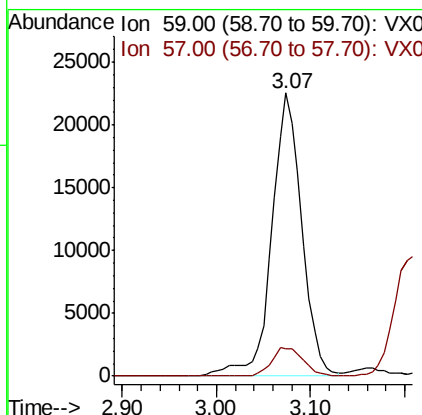
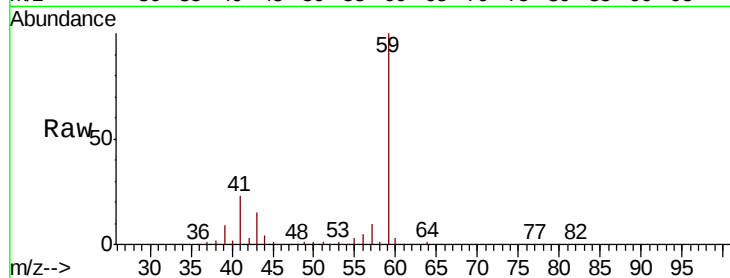


#11

Tert butyl alcohol
 Concen: 102.660 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

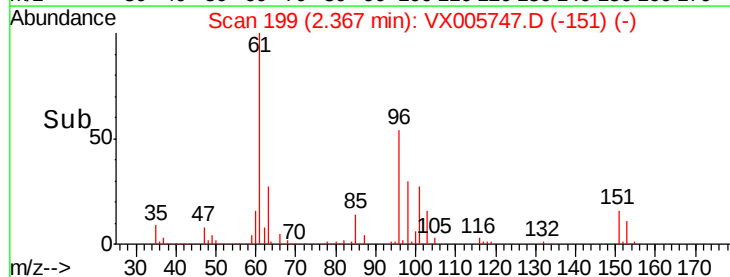
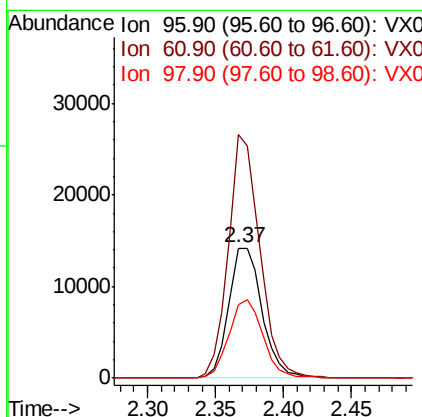
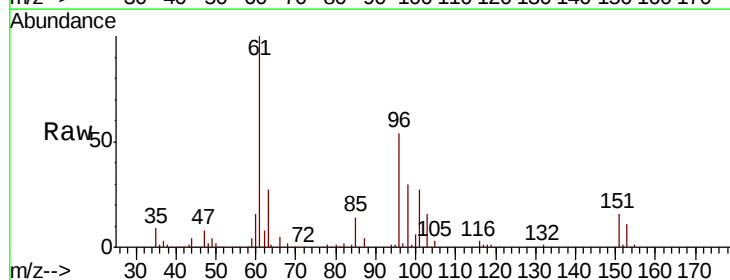
Tot Ion: 59 Resp: 50047
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

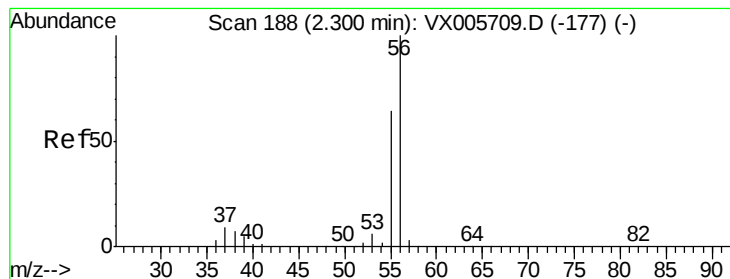


#12

1,1-Dichloroethene
 Concen: 18.420 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion: 96 Resp: 24360
 Ion Ratio Lower Upper
 96 100
 61 186.9 131.8 197.8
 98 56.2 53.4 80.2





#13

Acrolein

Concen: 78.613 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

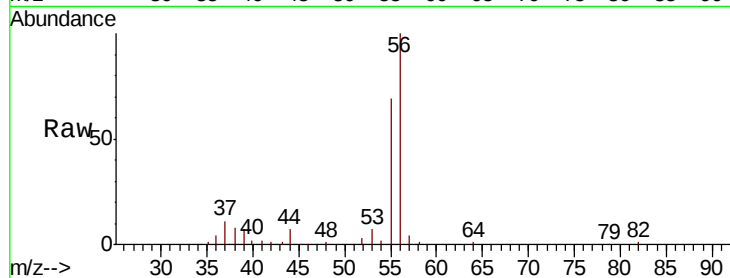
VX1102WBS01

Tot Ion: 56 Resp: 24358

Ion Ratio Lower Upper

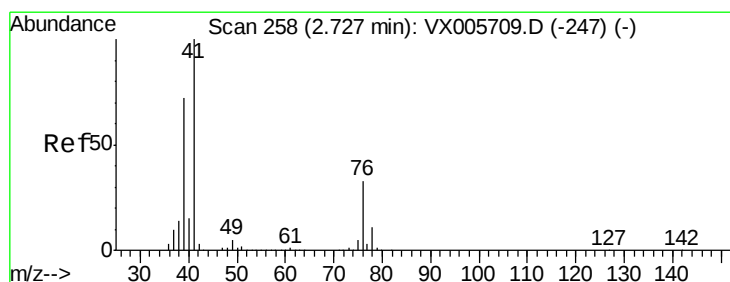
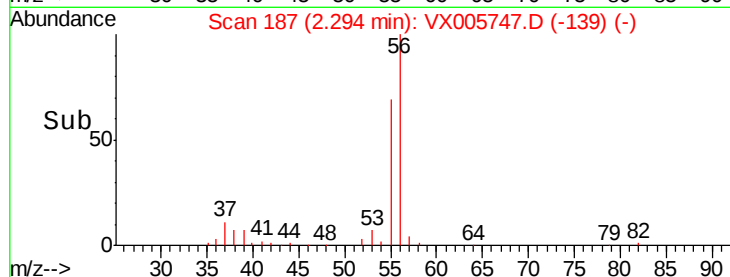
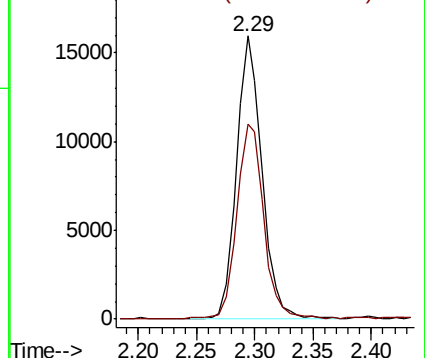
56 100

55 73.0 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.326 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

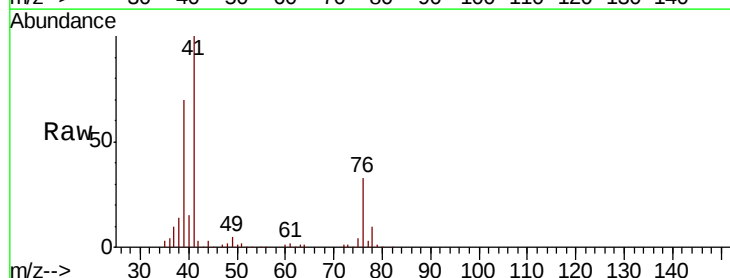
Tgt Ion: 41 Resp: 52848

Ion Ratio Lower Upper

41 100

39 61.9 48.2 72.4

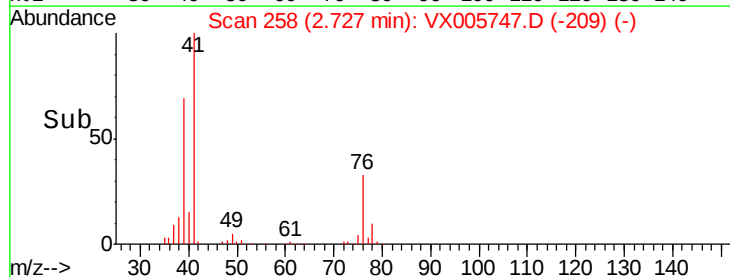
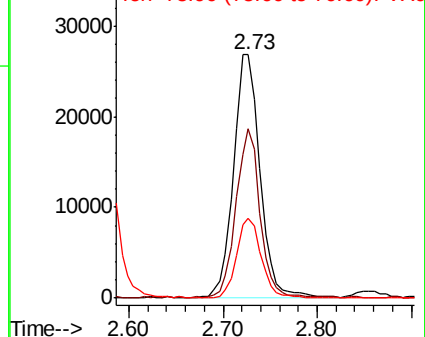
76 30.7 21.9 32.9



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: 99.845 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

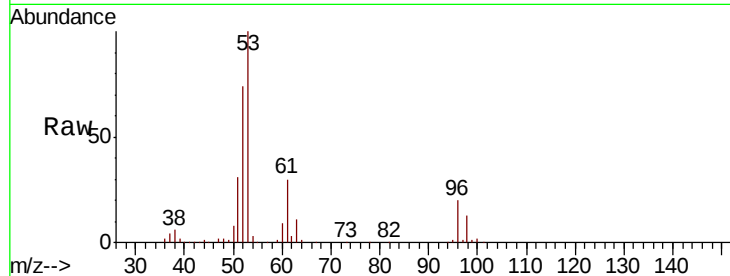
Tot Ion: 53 Resp: 107035

Ion Ratio Lower Upper

53 100

52 83.3 66.6 99.8

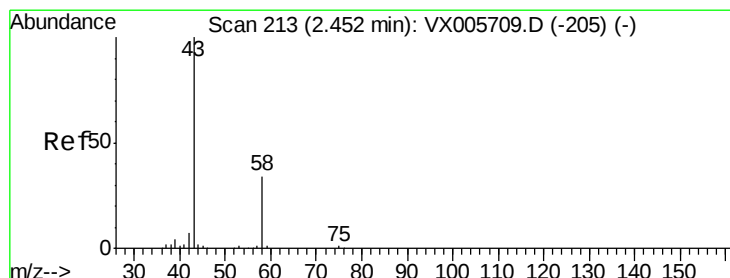
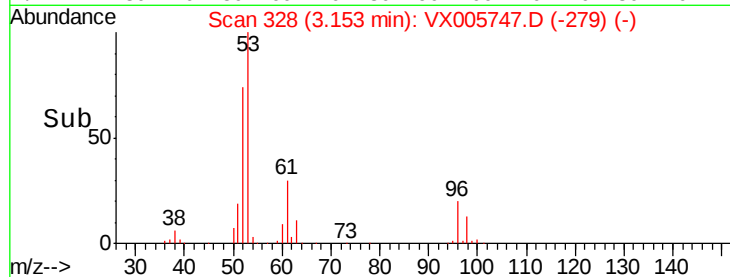
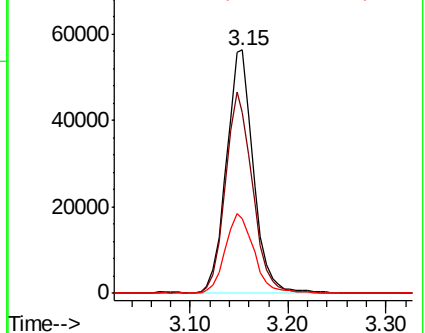
51 34.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 99.269 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005747.D

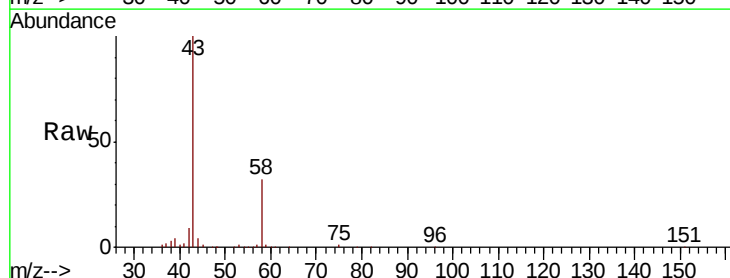
Acq: 02 Nov 2018 11:08

Tgt Ion: 43 Resp: 96814

Ion Ratio Lower Upper

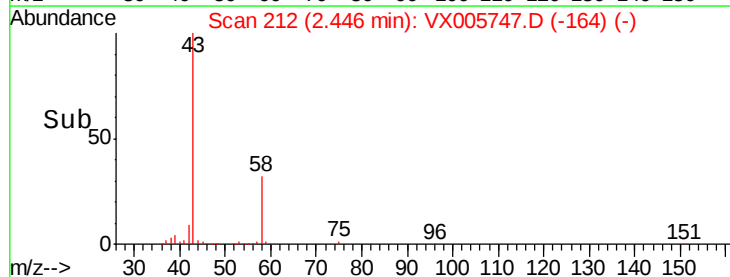
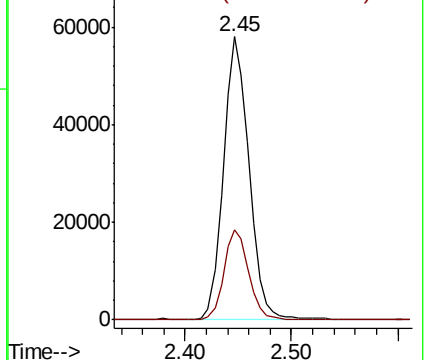
43 100

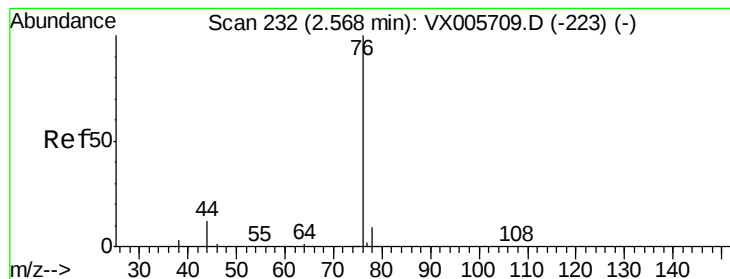
58 31.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.827 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

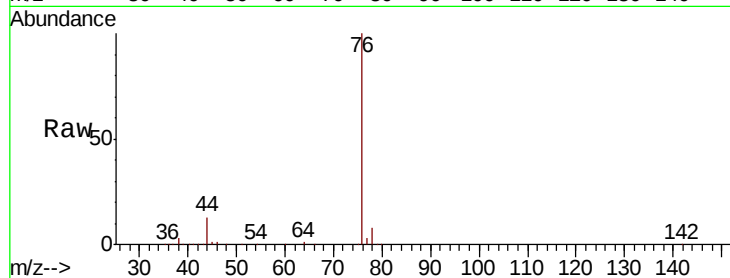
VX1102WBS01

Tot Ion: 76 Resp: 72445

Ion Ratio Lower Upper

76 100

78 8.2 7.3 10.9

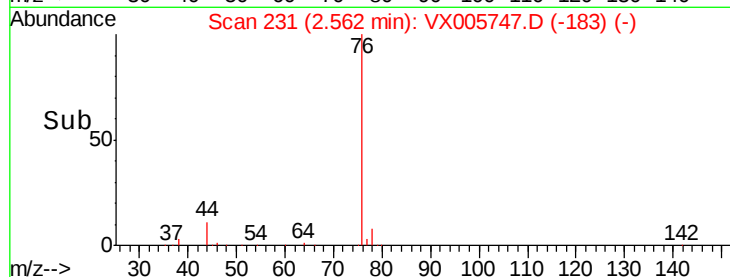


Abundance Ion 75.90 (75.60 to 76.60): VX005709.D (-223) (-)

Ion 77.90 (77.60 to 78.60): VX005709.D (-223) (-)

2.56

Time-->



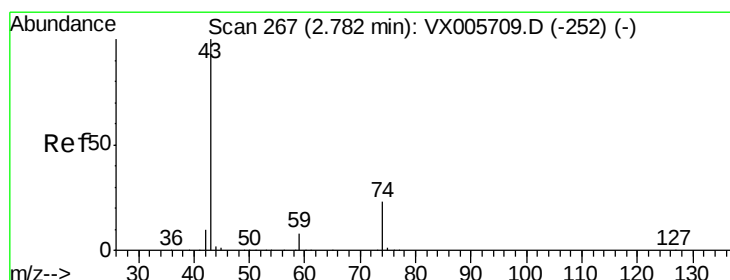
Abundance

Ion 75.90 (75.60 to 76.60): VX005747.D (-183) (-)

Ion 77.90 (77.60 to 78.60): VX005747.D (-183) (-)

2.56

Time-->



#18

Methyl Acetate

Concen: 19.915 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005747.D

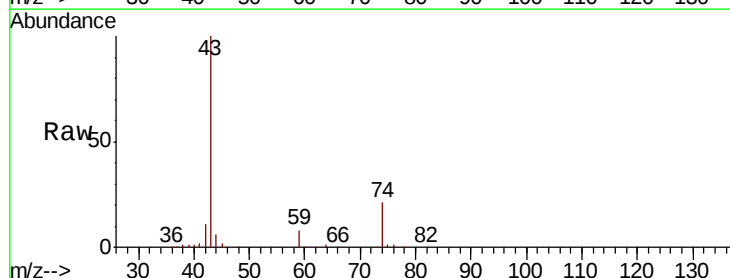
Acq: 02 Nov 2018 11:08

Tgt Ion: 43 Resp: 51307

Ion Ratio Lower Upper

43 100

74 22.2 16.8 25.2

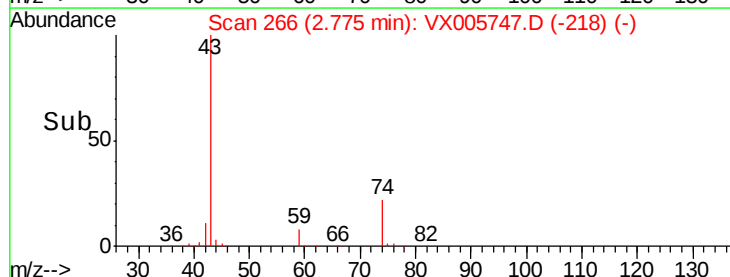


Abundance Ion 43.00 (42.70 to 43.70): VX005709.D (-252) (-)

Ion 74.00 (73.70 to 74.70): VX005709.D (-252) (-)

2.78

Time-->



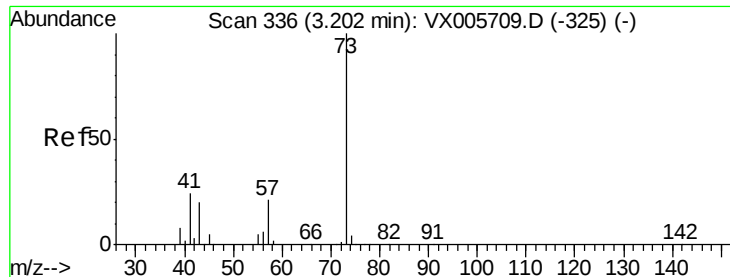
Abundance

Ion 43.00 (42.70 to 43.70): VX005747.D (-218) (-)

Ion 74.00 (73.70 to 74.70): VX005747.D (-218) (-)

2.78

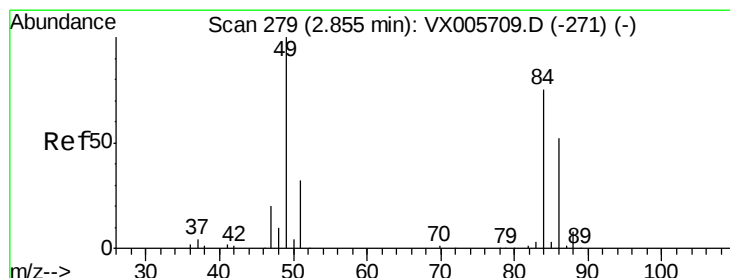
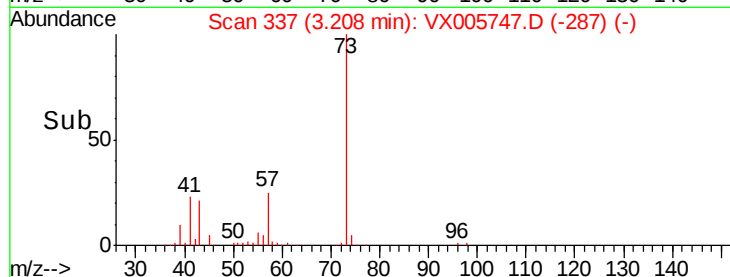
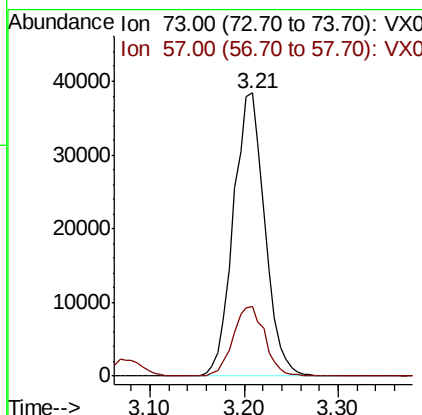
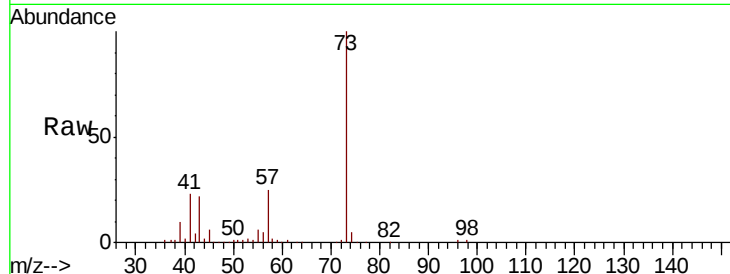
Time-->



#19
Methvl tert-butvl Ether
Concen: 19.535 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

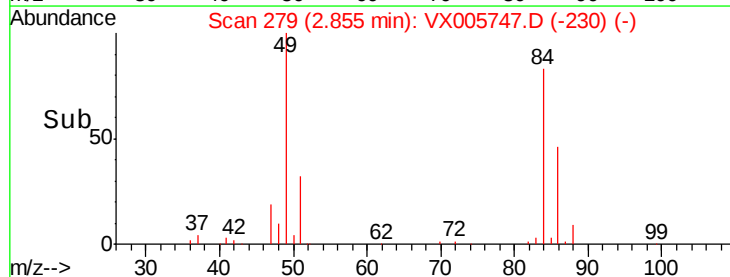
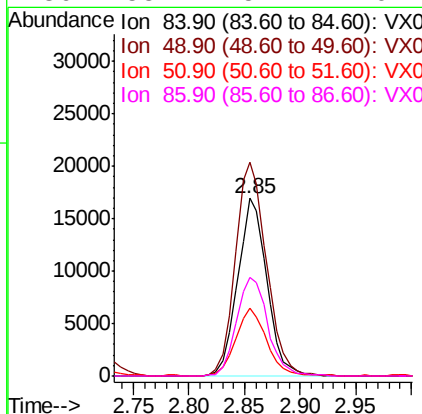
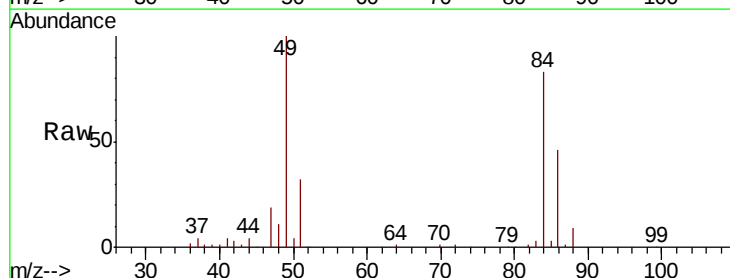
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

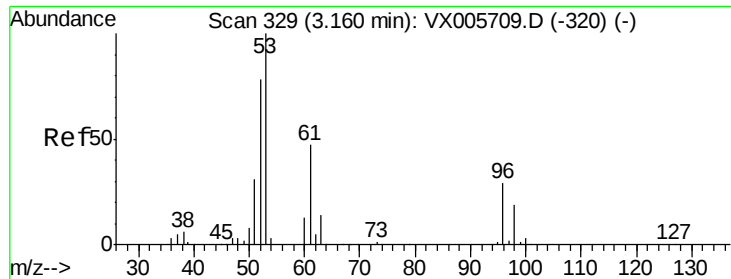
Tot Ion: 73 Resp: 89424
Ion Ratio Lower Upper
73 100
57 24.7 18.8 28.2



#20
Methylene Chloride
Concen: 19.930 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 84 Resp: 30851
Ion Ratio Lower Upper
84 100
49 120.3 109.5 164.3
51 38.4 33.3 49.9
86 55.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.292 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampled :

VX1102WBS01

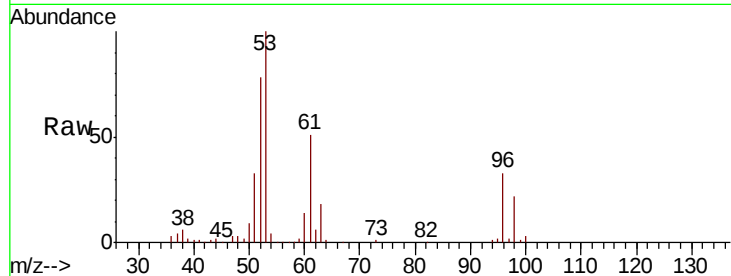
Tot Ion: 96 Resp: 25597

Ion Ratio Lower Upper

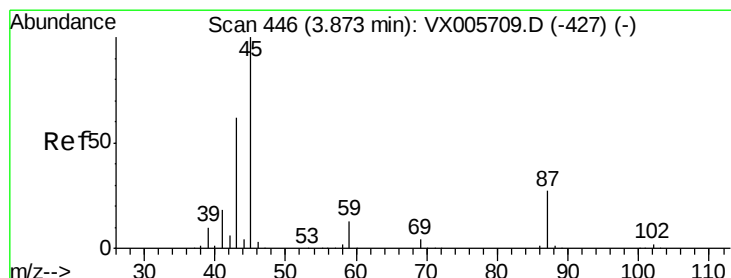
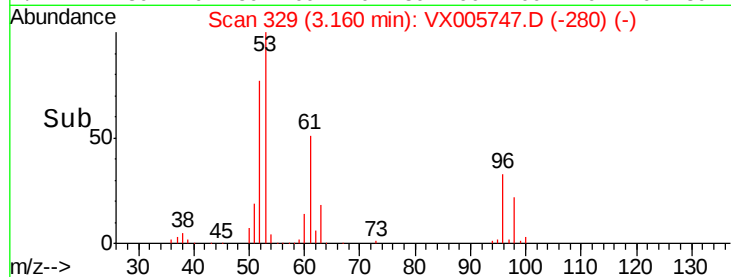
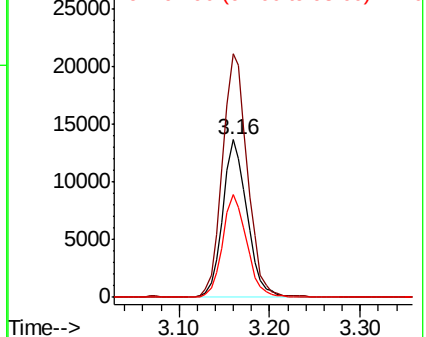
96 100

61 154.6 115.6 173.4

98 65.4 50.2 75.2



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



#22

Diisopropyl ether

Concen: 18.745 ug/l

RT: 3.88 min Scan# 447

Delta R.T. 0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Tgt Ion: 45 Resp: 95085

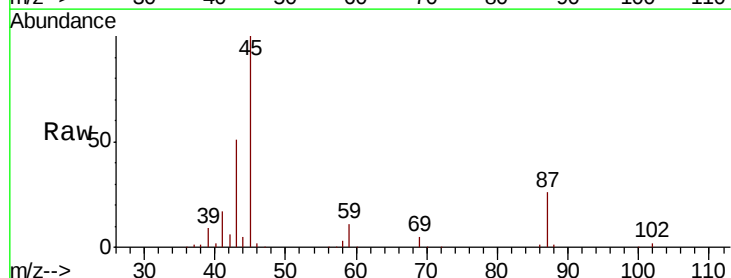
Ion Ratio Lower Upper

45 100

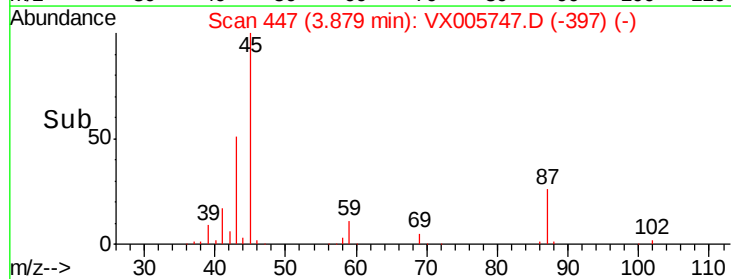
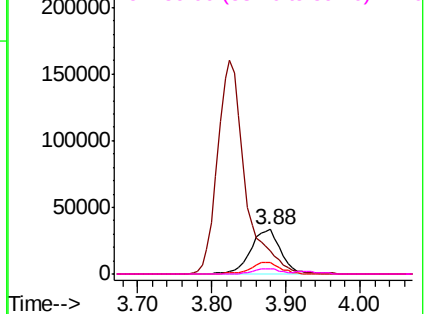
43 50.8 47.4 71.2

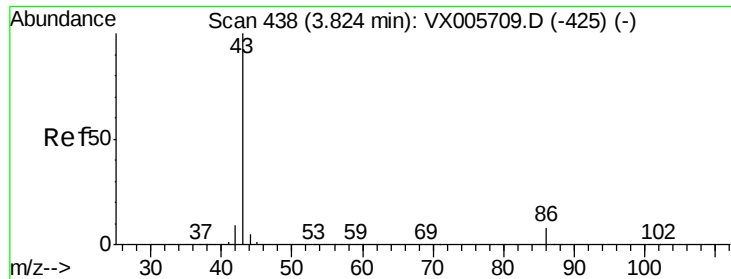
87 25.6 15.9 23.9#

59 11.4 7.7 11.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 93.845 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

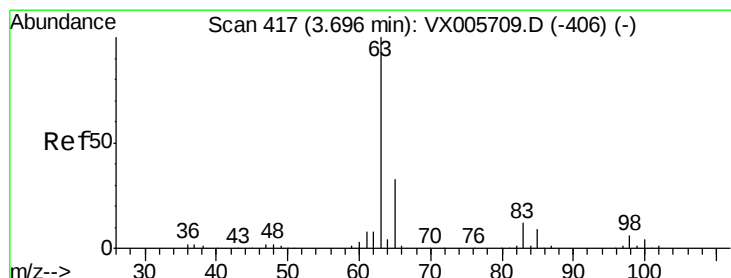
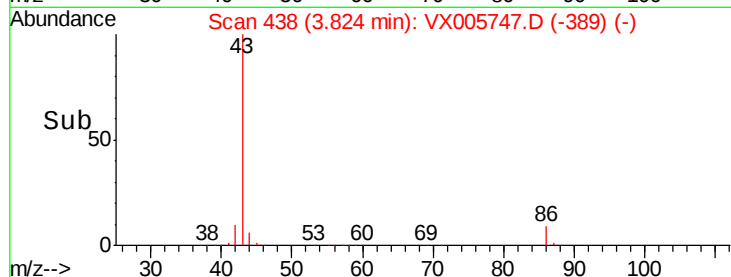
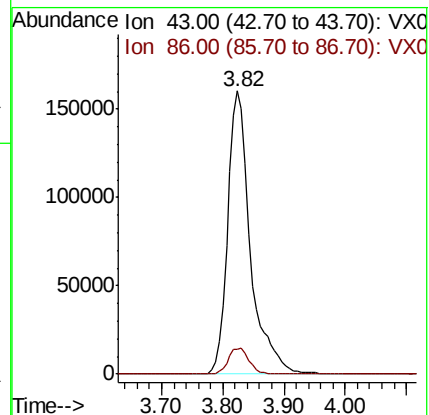
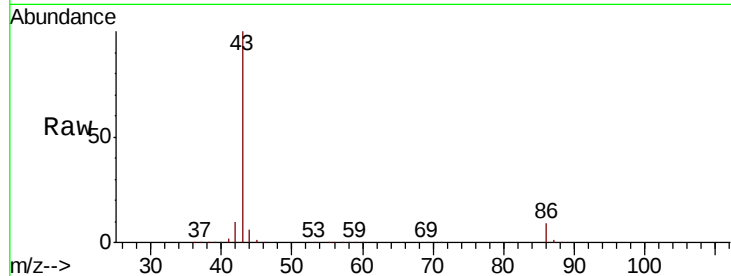
VX1102WBS01

Tot Ion: 43 Resp: 414630

Ion Ratio Lower Upper

43 100

86 9.0 7.4 11.2



#24

1,1-Dichloroethane

Concen: 19.215 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

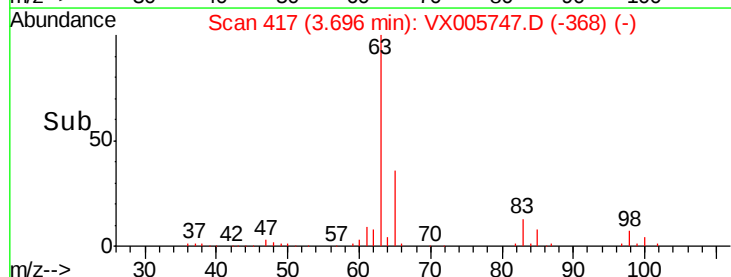
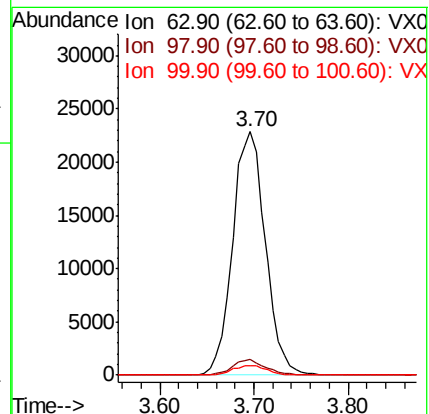
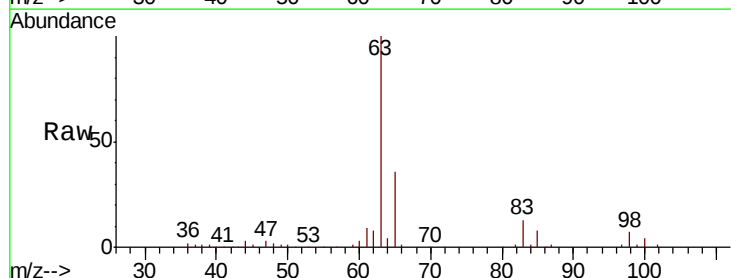
Tgt Ion: 63 Resp: 55115

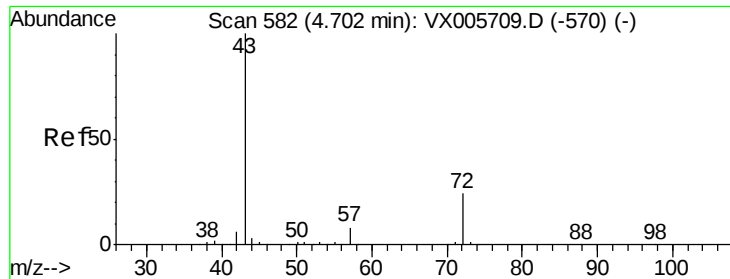
Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 96.461 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

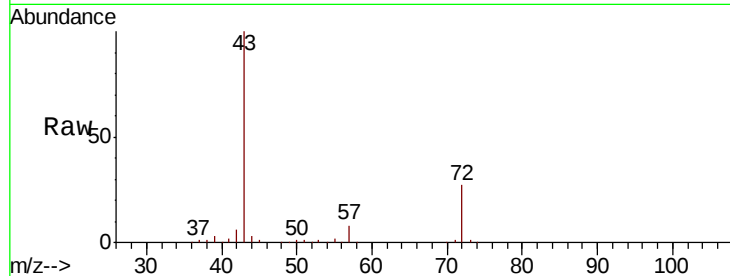
VX1102WBS01

Tot Ion: 43 Resp: 146069

Ion Ratio Lower Upper

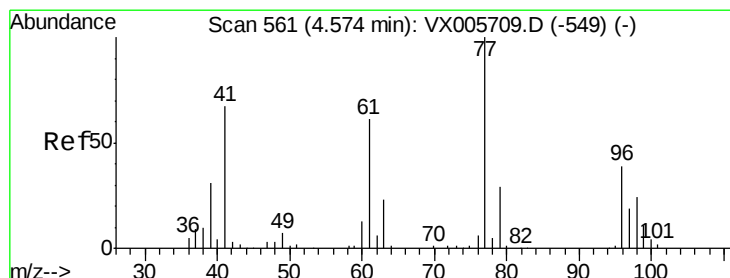
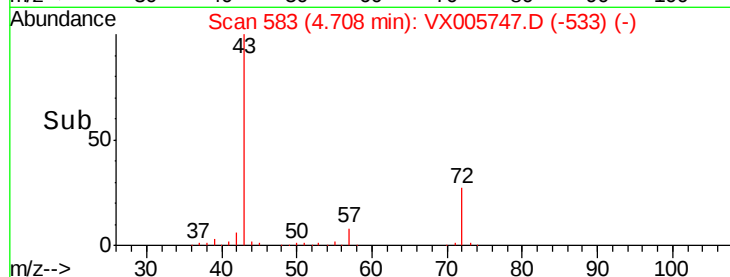
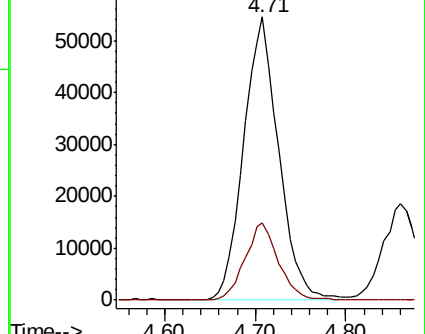
43 100

72 27.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.761 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005747.D

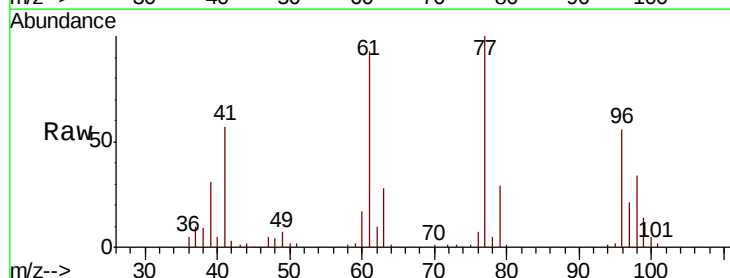
Acq: 02 Nov 2018 11:08

Tgt Ion: 77 Resp: 40225

Ion Ratio Lower Upper

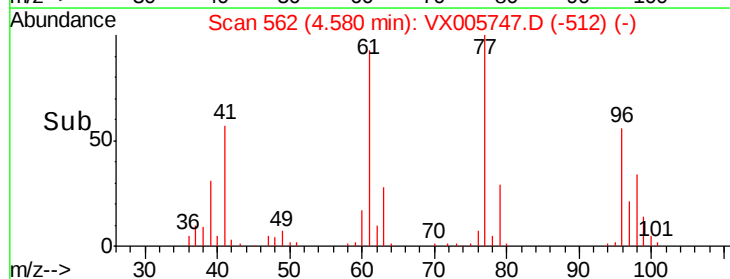
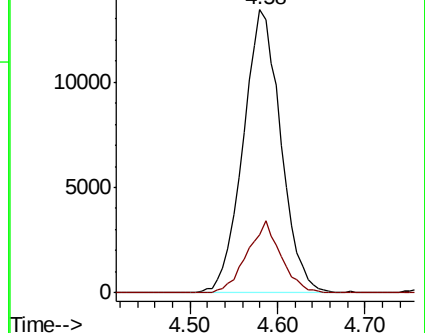
77 100

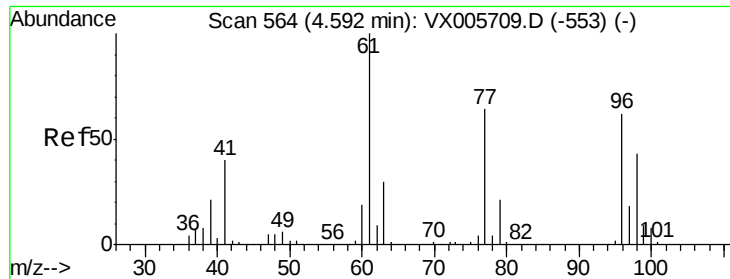
97 22.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



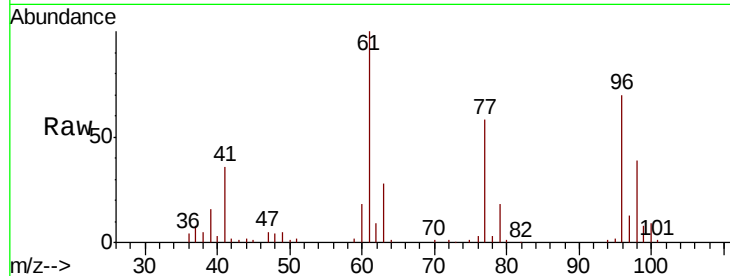


#27

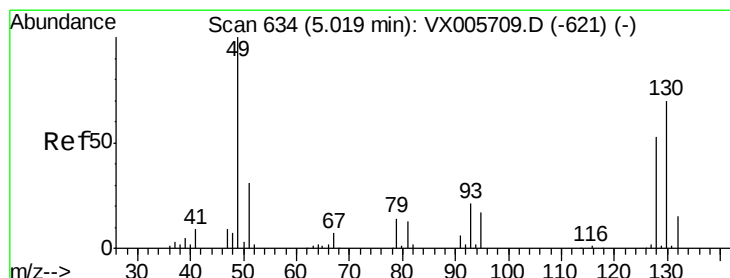
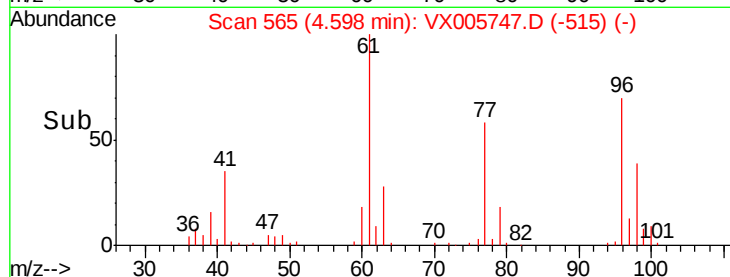
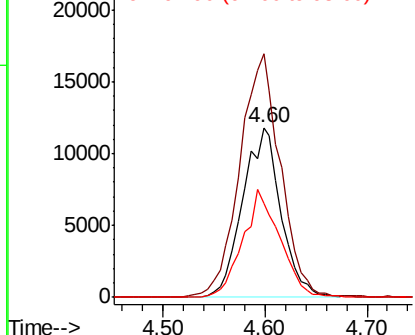
cis-1,2-Dichloroethene
Concen: 19.587 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion: 96 Resp: 30799
Ion Ratio Lower Upper
96 100
61 152.6 0.0 304.6
98 61.5 0.0 127.4



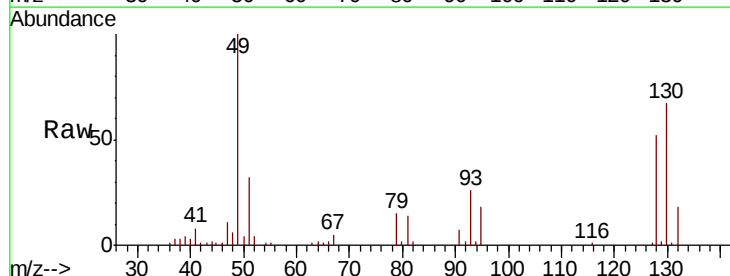
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



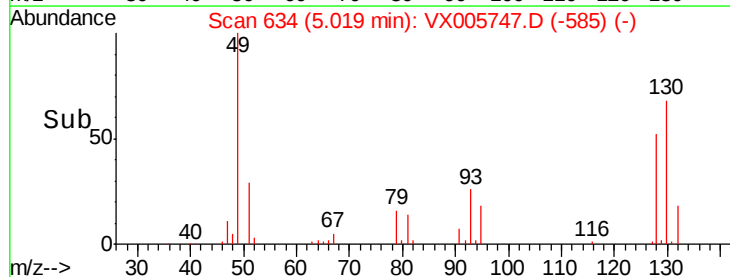
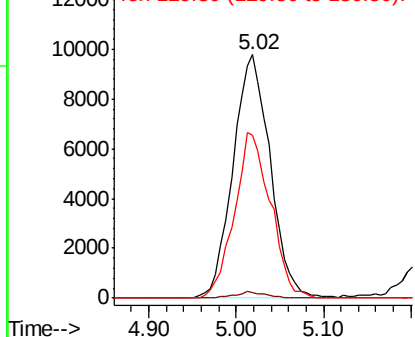
#28

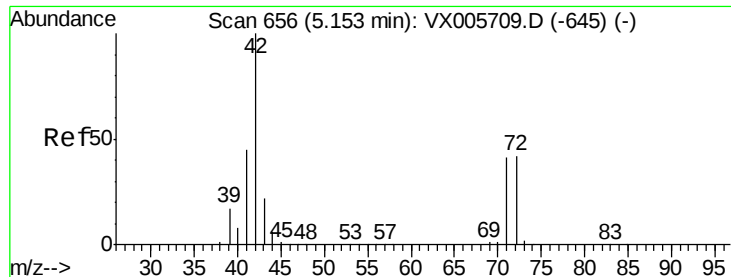
Bromochloromethane
Concen: 20.664 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 49 Resp: 28916
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 66.1 58.9 88.3



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

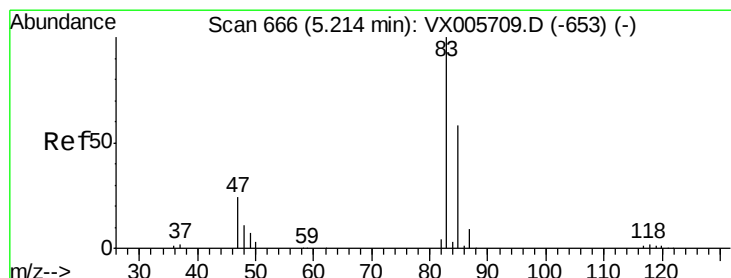
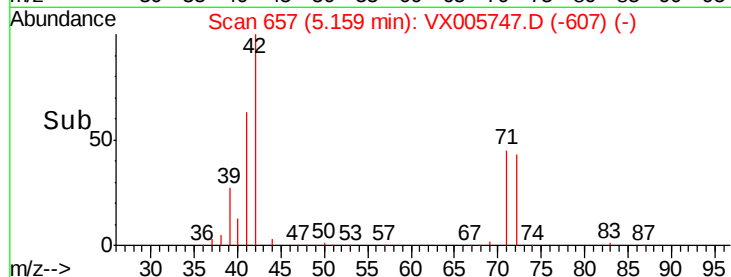
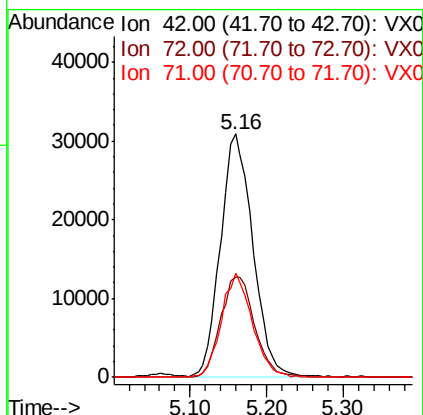
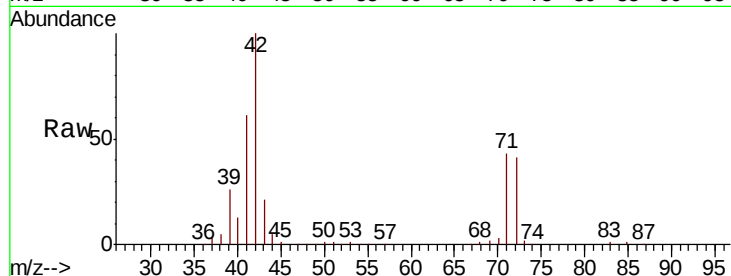




#29
Tetrahydrofuran
Concen: 97.442 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

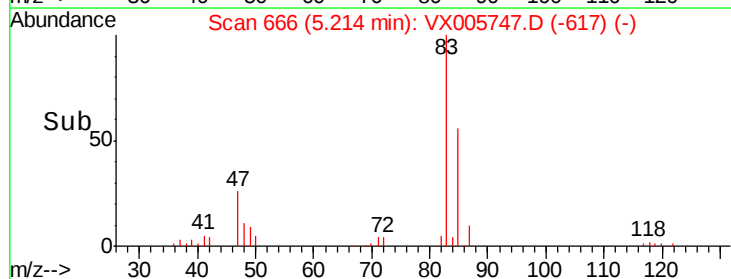
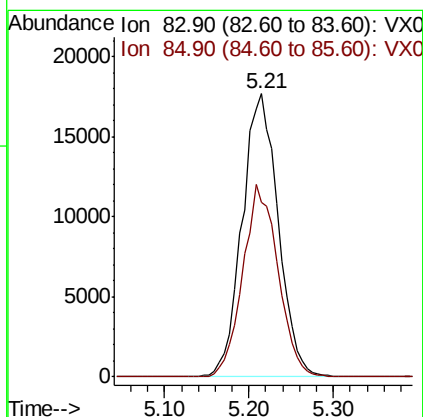
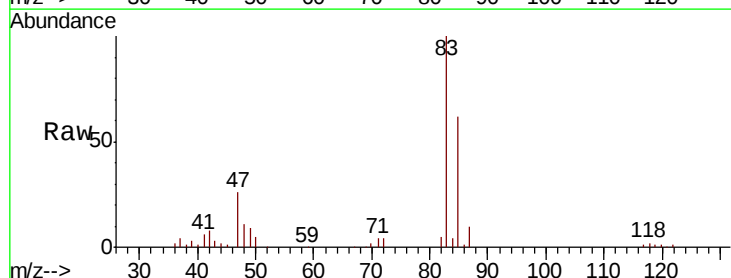
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

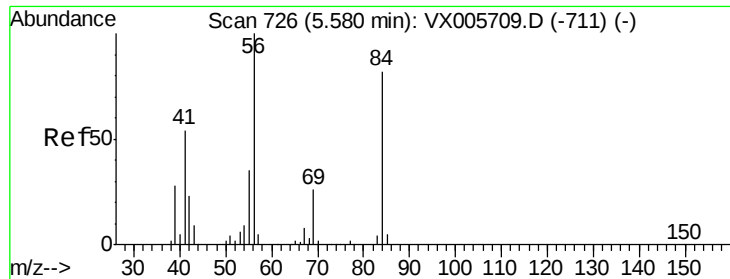
Tot Ion: 42 Resp: 90062
Ion Ratio Lower Upper
42 100
72 43.7 32.0 48.0
71 41.2 29.8 44.8



#30
Chloroform
Concen: 18.269 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 83 Resp: 51232
Ion Ratio Lower Upper
83 100
85 61.7 50.6 76.0

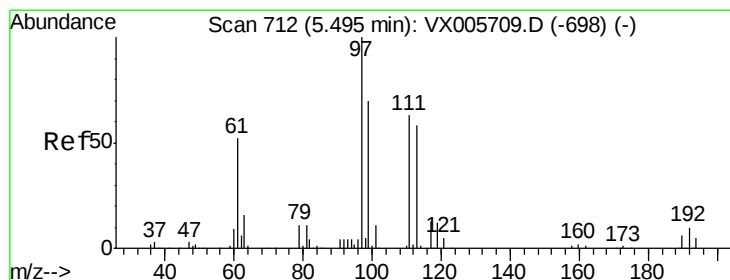
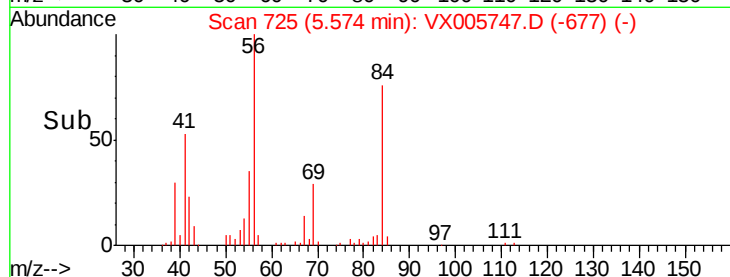
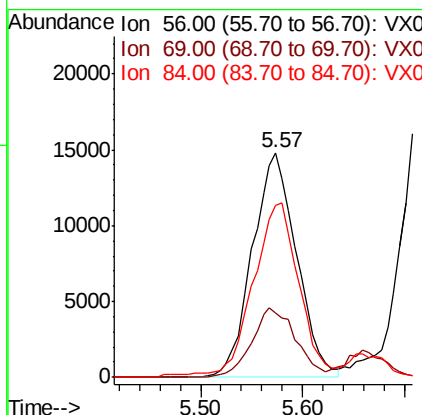
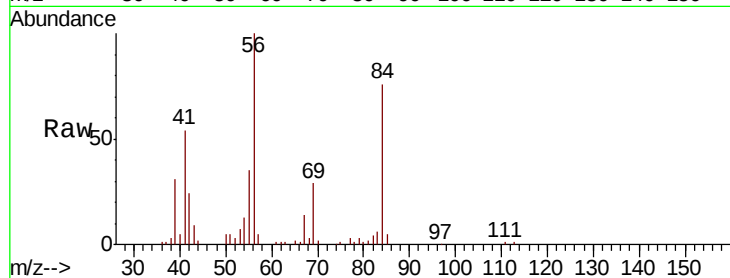




#31
Cyclohexane
Concen: 18.525 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

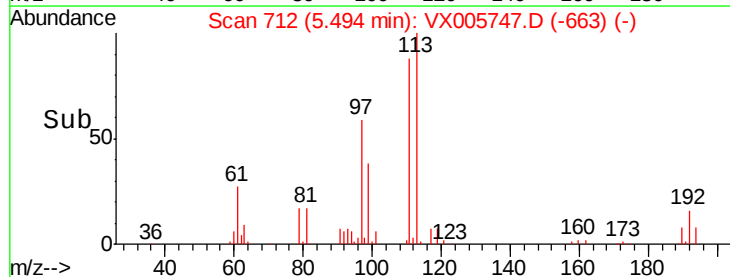
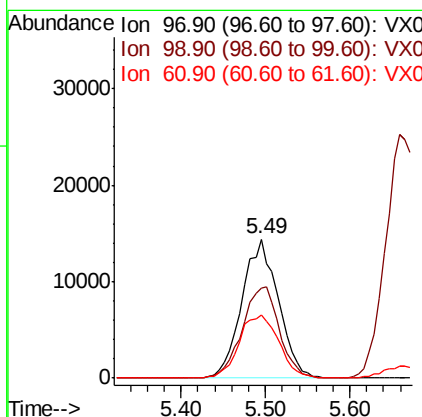
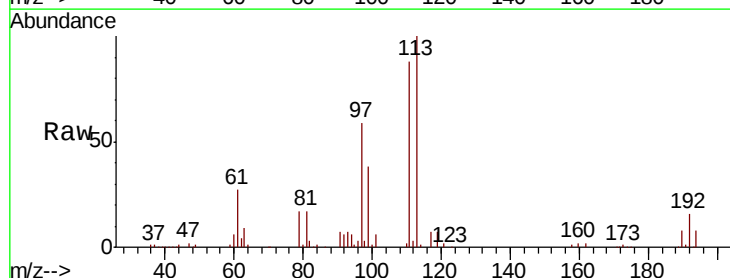
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

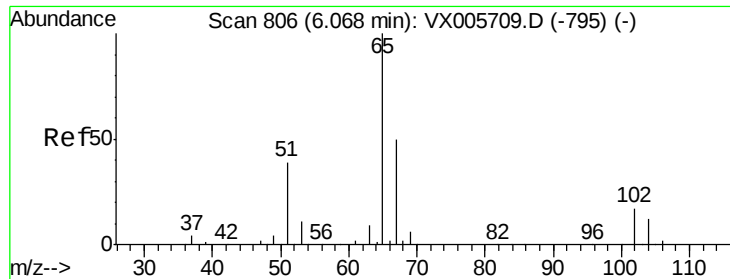
Tot Ion: 56 Resp: 44432
Ion Ratio Lower Upper
56 100
69 28.6 22.6 34.0
84 74.7 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 18.823 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 97 Resp: 42244
Ion Ratio Lower Upper
97 100
99 66.6 52.3 78.5
61 49.6 35.2 52.8

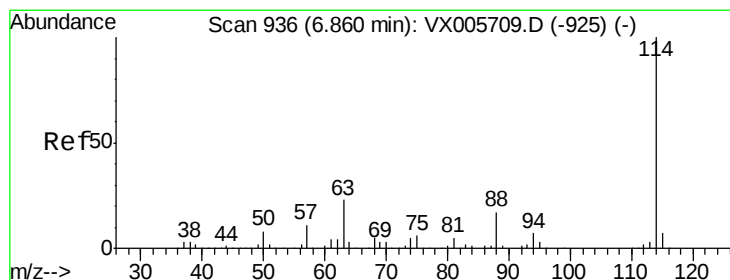
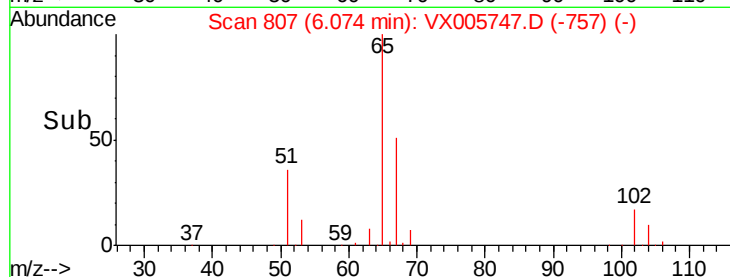
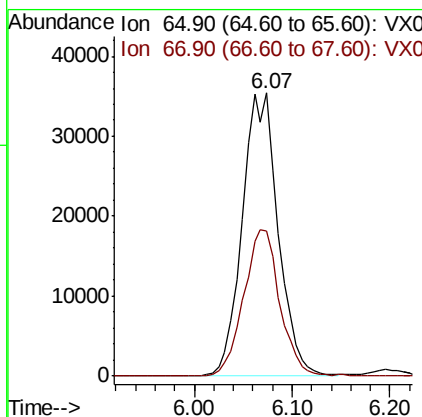
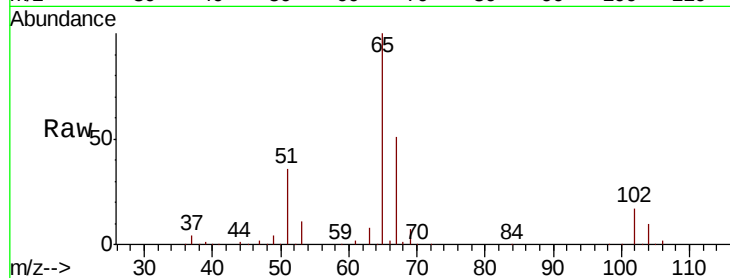




#33
 1,2-Dichloroethane-d4
 Concen: 50.231 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

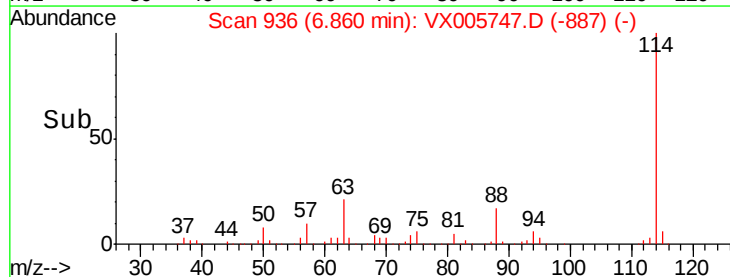
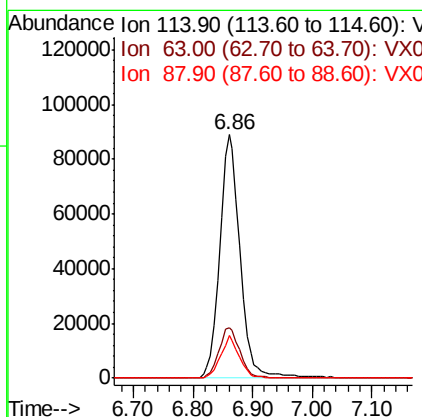
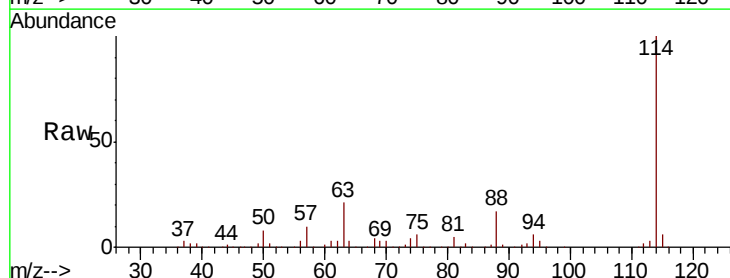
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

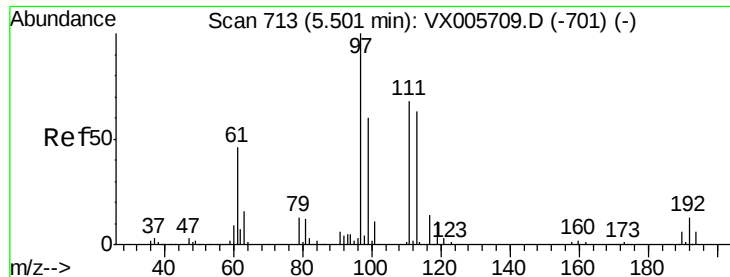
Tot Ion: 65 Resp: 90171
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion: 114 Resp: 210948
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 17.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.684 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

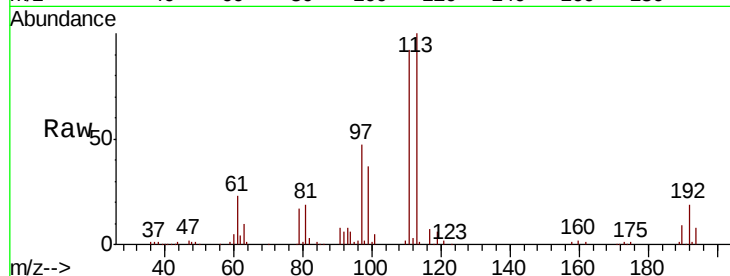
Tot Ion:113 Resp: 68187

Ion Ratio Lower Upper

113 100

111 101.1 82.3 123.5

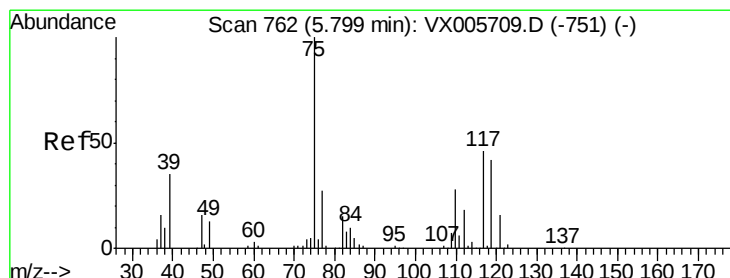
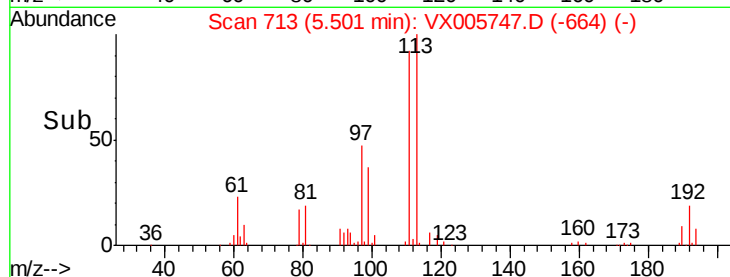
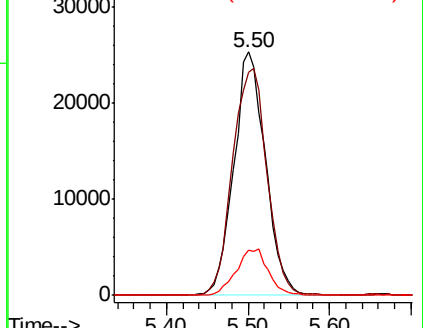
192 19.3 17.9 26.9



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: 17.331 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

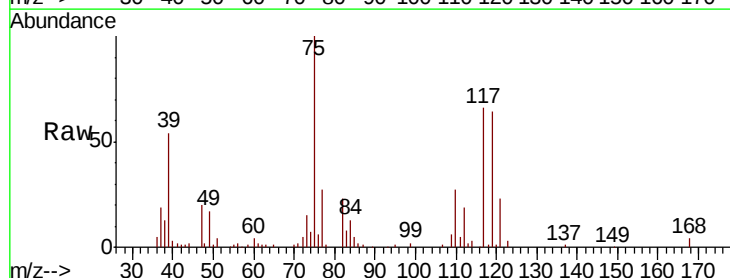
Tgt Ion: 75 Resp: 38951

Ion Ratio Lower Upper

75 100

110 31.7 17.4 52.2

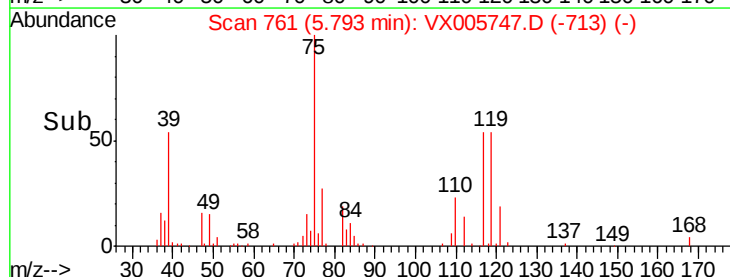
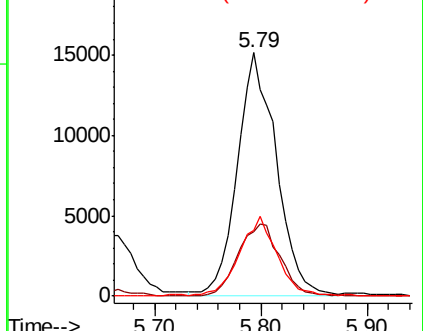
77 31.8 25.8 38.6

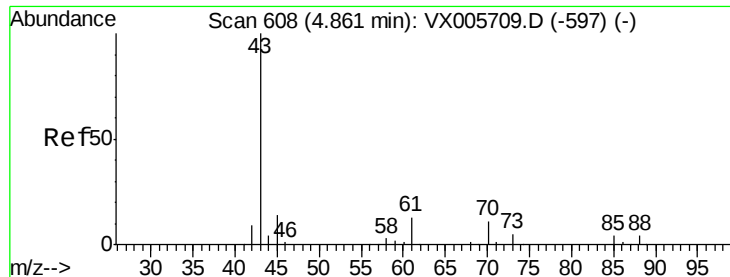


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

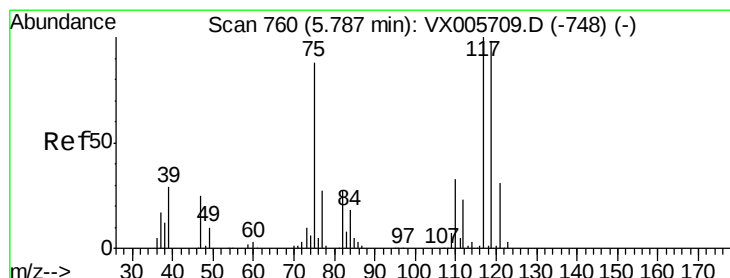
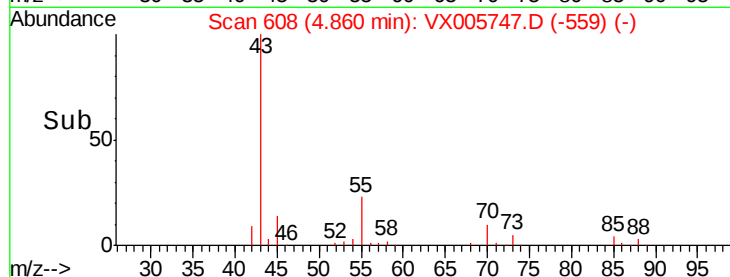
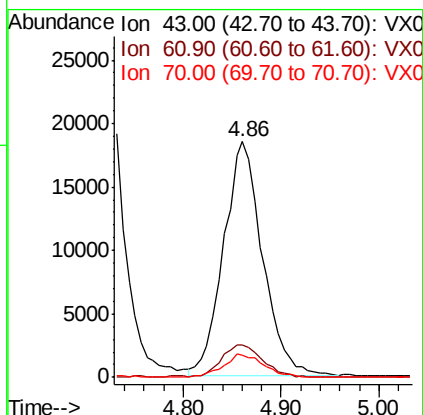
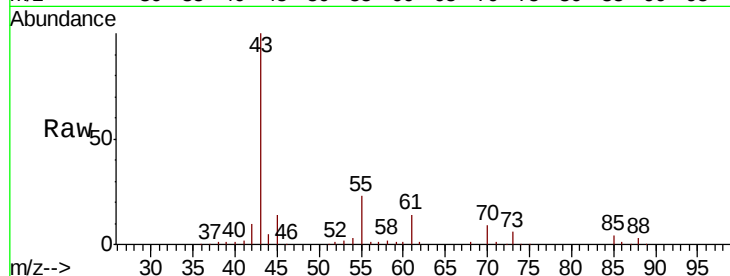




#37
Ethyl Acetate
Concen: 17.790 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

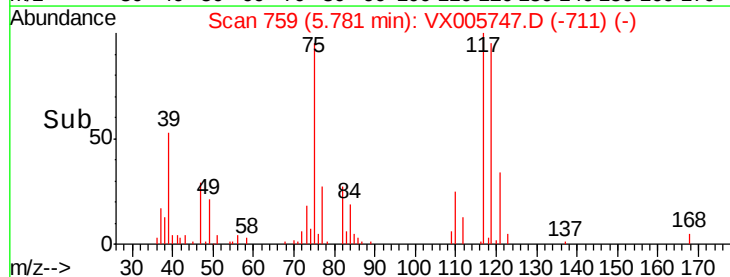
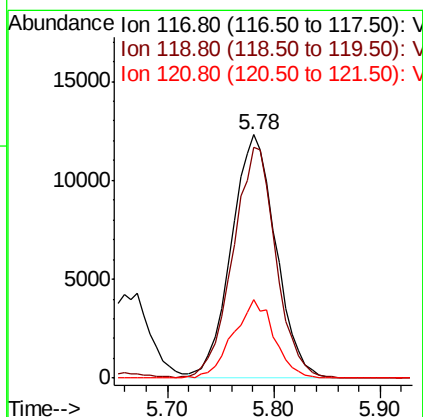
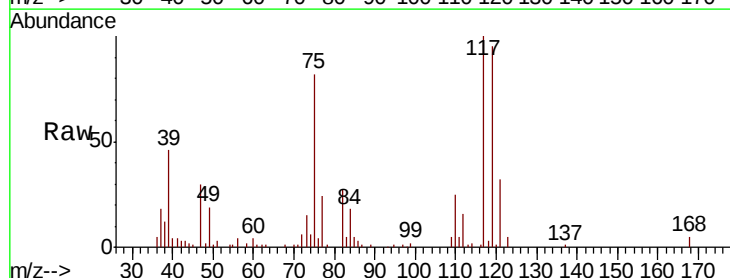
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

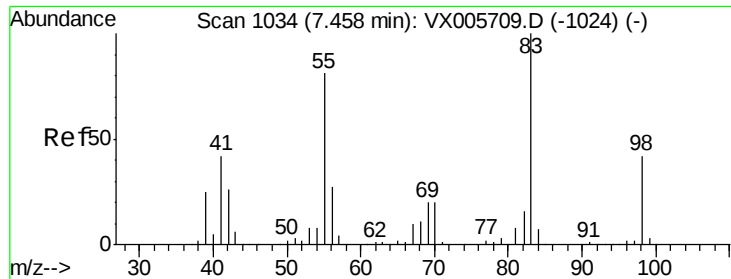
Tot Ion: 43 Resp: 51010
Ion Ratio Lower Upper
43 100
61 14.8 10.8 16.2
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 17.709 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 117 Resp: 35959
Ion Ratio Lower Upper
117 100
119 94.5 78.1 117.1
121 32.4 24.6 36.8

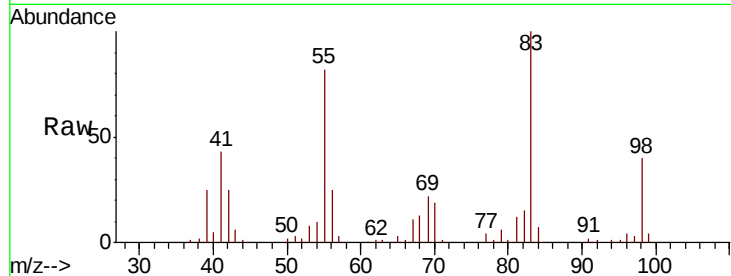




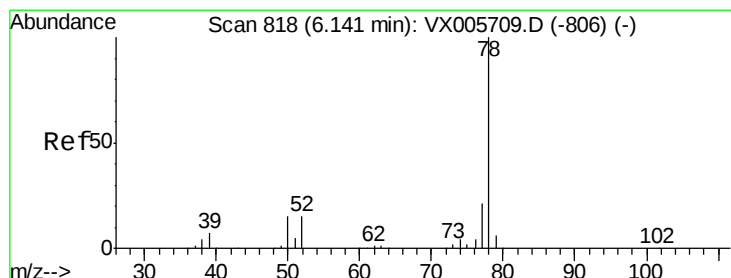
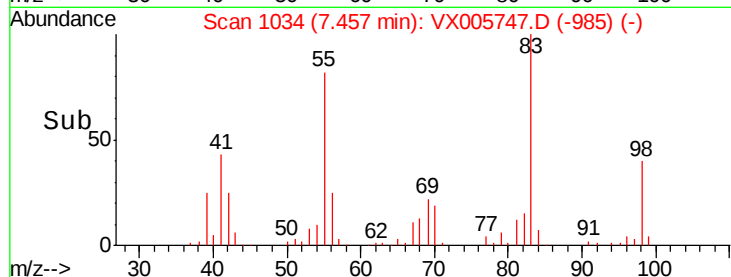
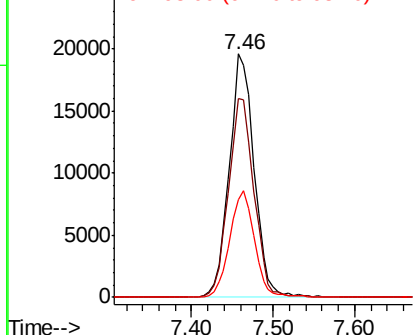
#39
Methvlcvclohexane
Concen: 17.519 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion: 83 Resp: 41063
Ion Ratio Lower Upper
83 100
55 81.8 63.7 95.5
98 39.9 36.2 54.2

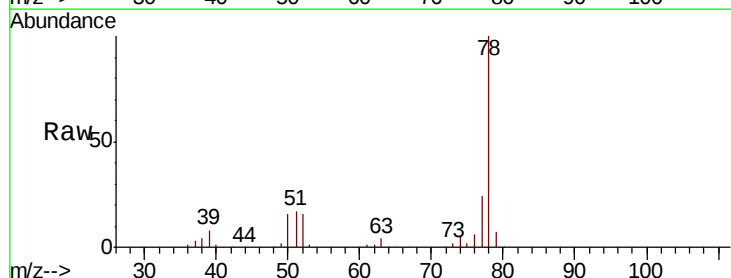


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

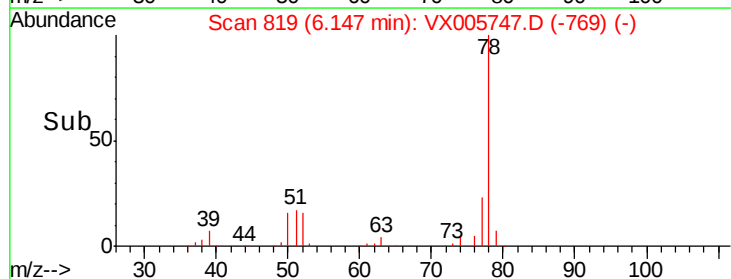
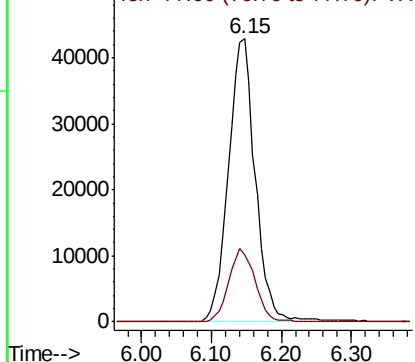


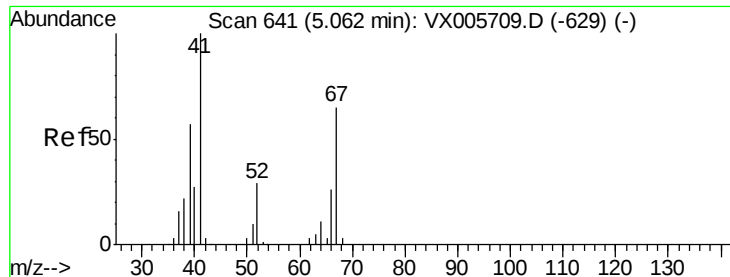
#40
Benzene
Concen: 17.075 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 78 Resp: 114167
Ion Ratio Lower Upper
78 100
77 23.7 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 17.771 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

Tot Ion: 41 Resp: 27532

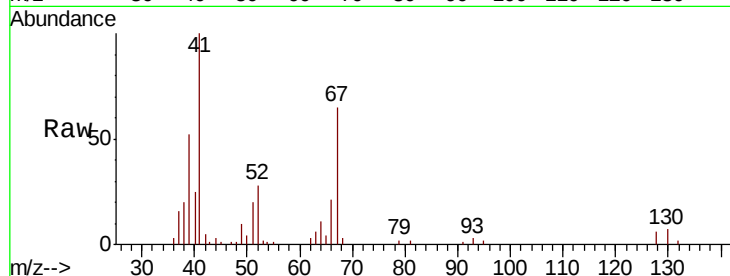
Ion Ratio Lower Upper

41 100

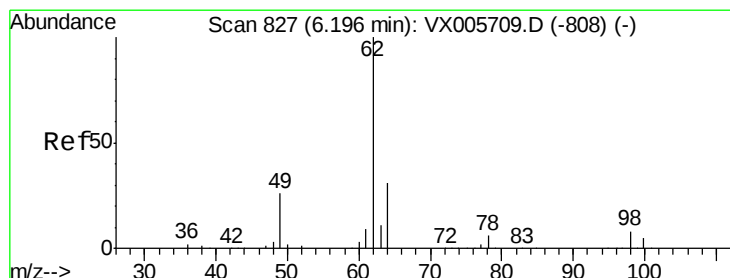
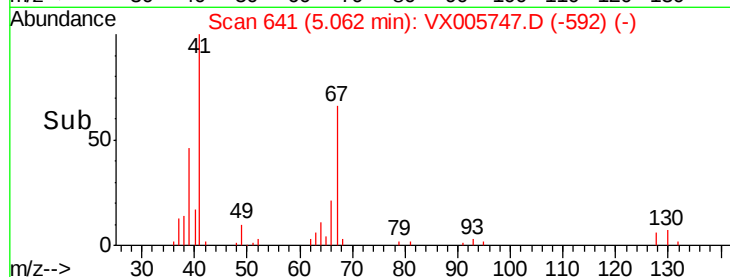
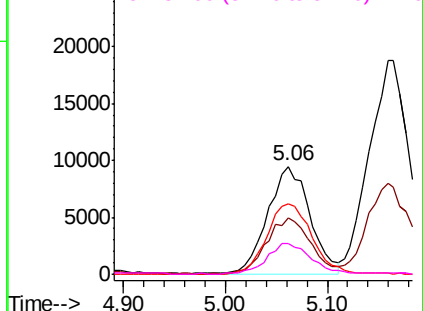
39 53.2 42.2 63.2

67 69.3 53.4 80.0

52 29.5 23.4 35.2



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



#42

1,2-Dichloroethane

Concen: 17.573 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX005747.D

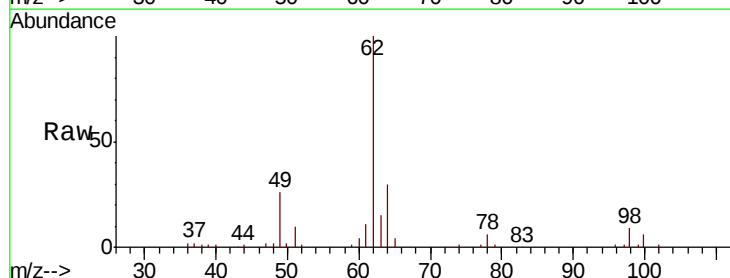
Acq: 02 Nov 2018 11:08

Tgt Ion: 62 Resp: 43431

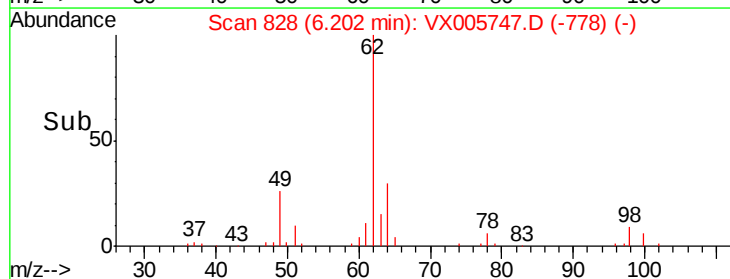
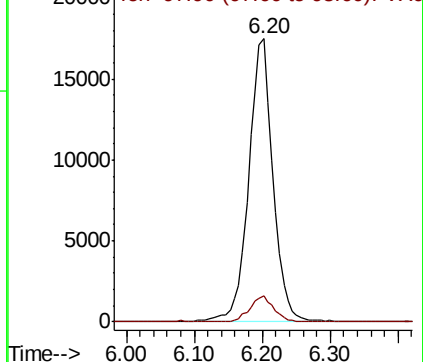
Ion Ratio Lower Upper

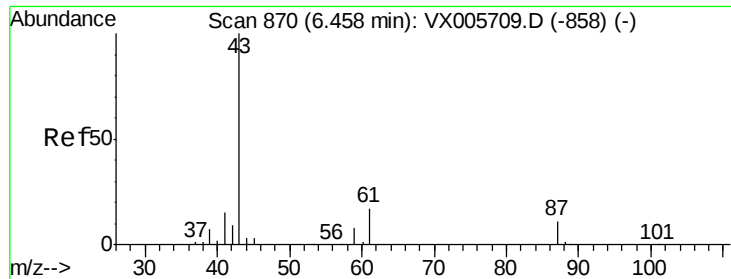
62 100

98 8.9 0.0 17.8



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



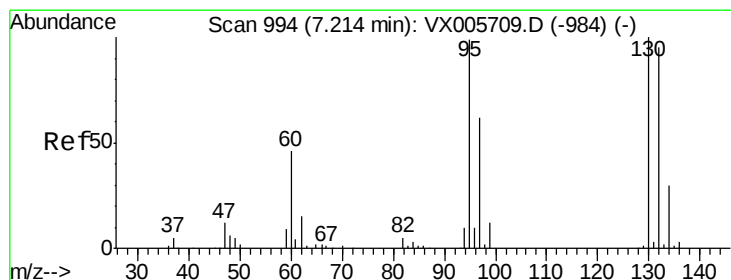
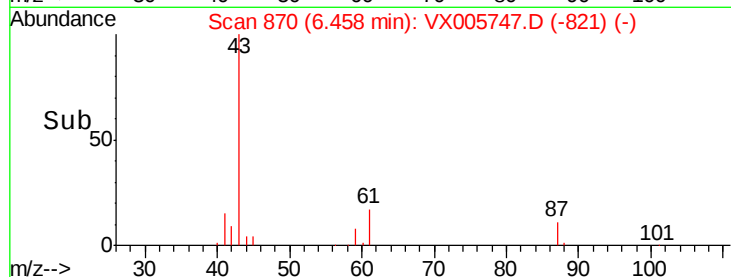
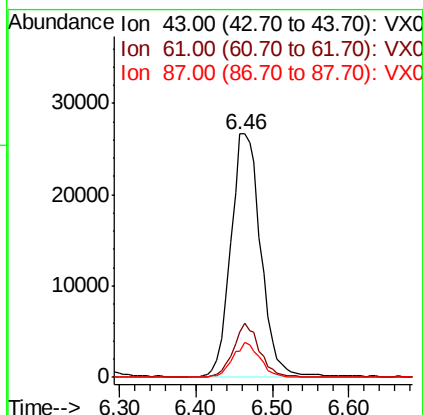
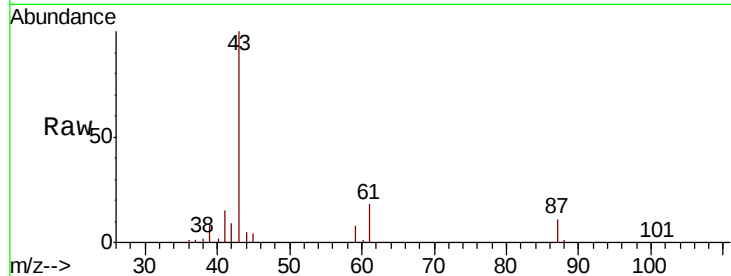


#43

Isopropyl Acetate
 Concen: 17.310 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

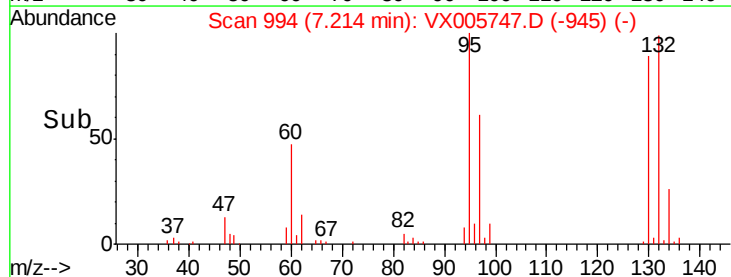
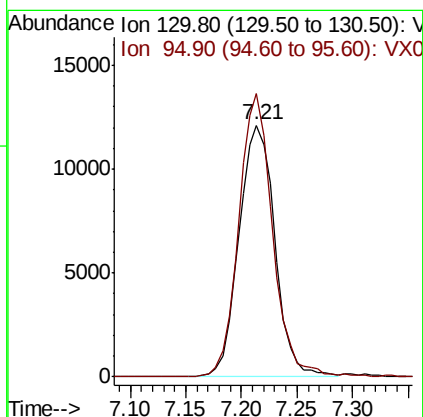
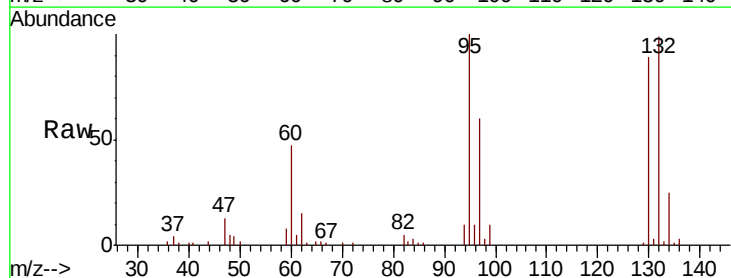
Tot Ion	43	Resp	72039
Ion Ratio	Lower	Upper	
43	100		
61	19.5	14.6	22.0
87	12.9	9.6	14.4

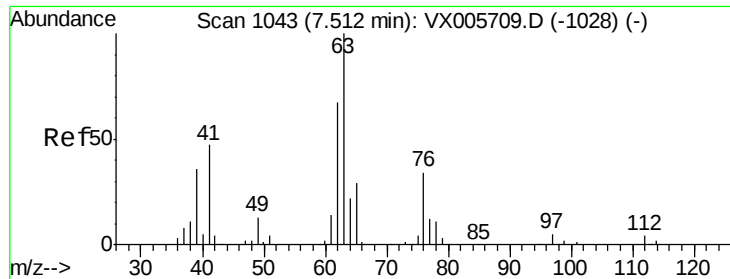


#44

Trichloroethene
 Concen: 17.571 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion	130	Resp	27172
Ion Ratio	Lower	Upper	
130	100		
95	112.6	0.0	194.2





#45

1,2-Dichloropropane

Concen: 18.426 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

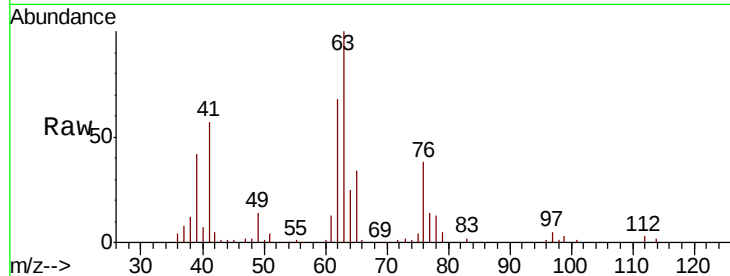
VX1102WBS01

Tot Ion: 63 Resp: 31573

Ion Ratio Lower Upper

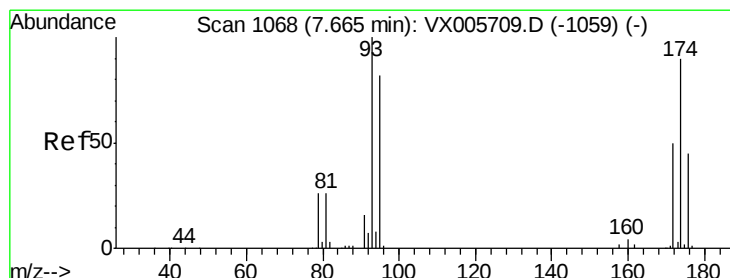
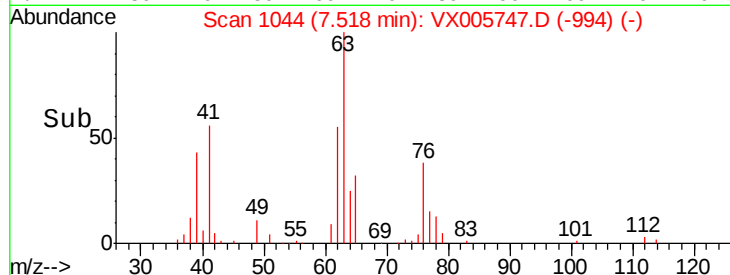
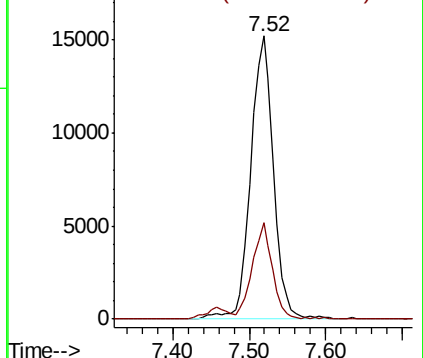
63 100

65 34.0 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.184 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

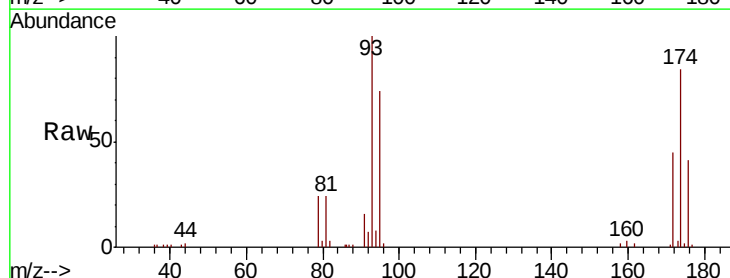
Tgt Ion: 93 Resp: 19912

Ion Ratio Lower Upper

93 100

95 79.9 67.4 101.0

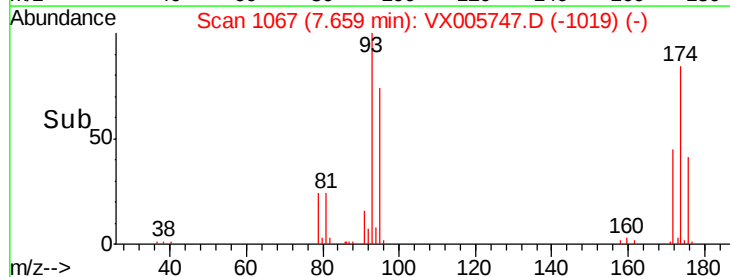
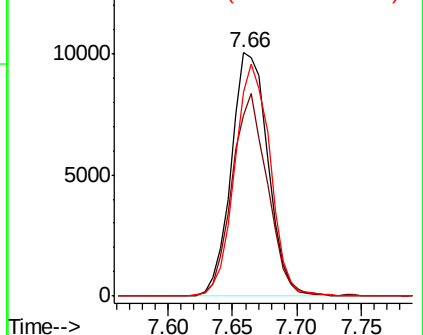
174 92.0 91.5 137.3

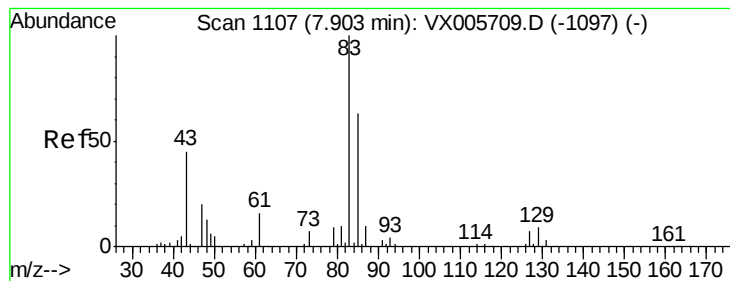


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.628 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

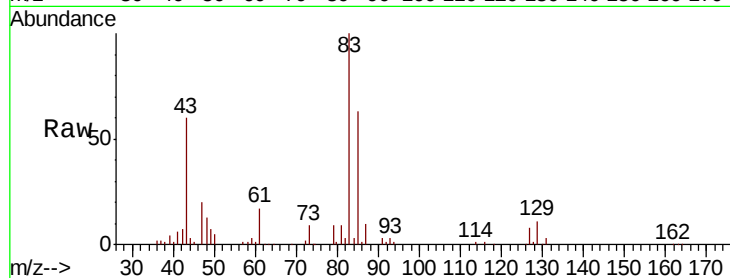
Tot Ion: 83 Resp: 36209

Ion Ratio Lower Upper

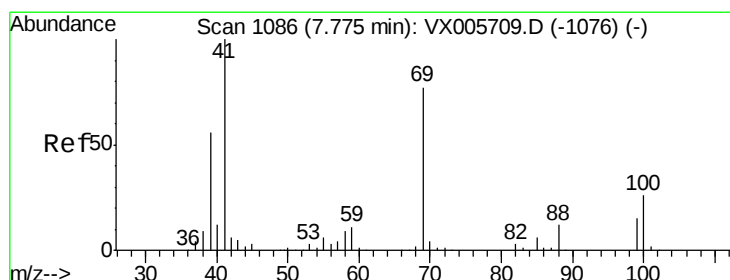
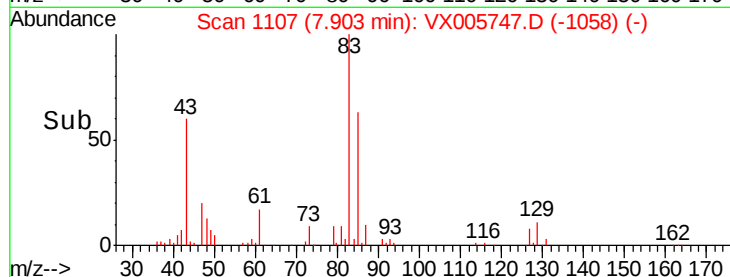
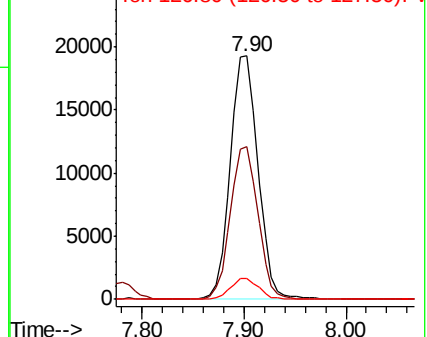
83 100

85 62.8 50.2 75.4

127 8.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.718 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

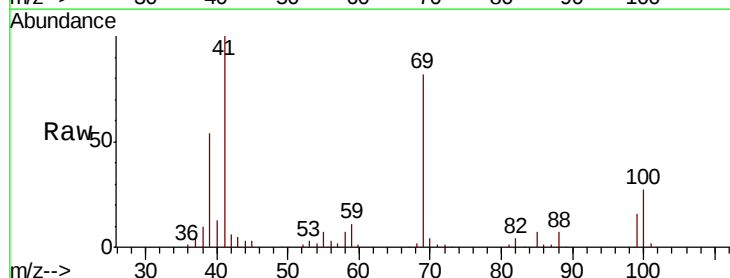
Tgt Ion: 41 Resp: 35689

Ion Ratio Lower Upper

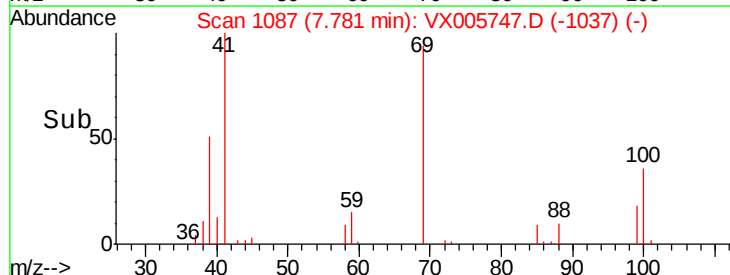
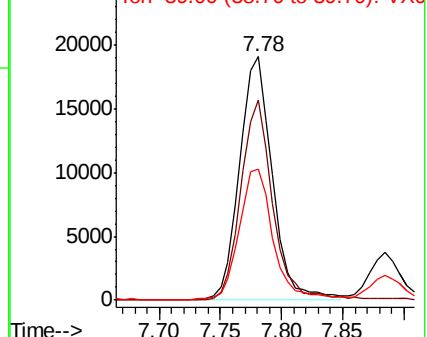
41 100

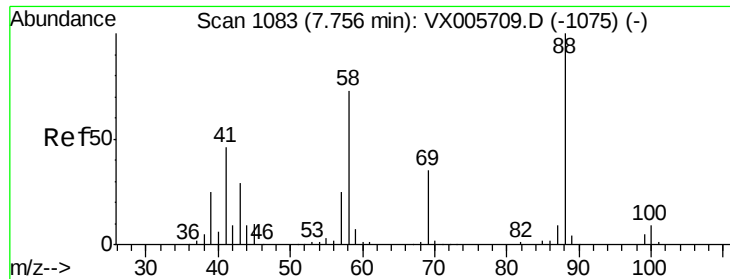
69 80.3 63.2 94.8

39 55.9 42.2 63.2



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

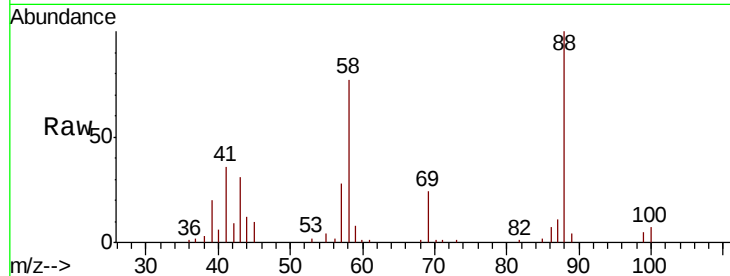




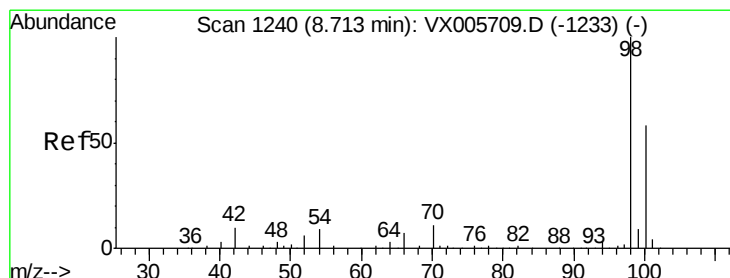
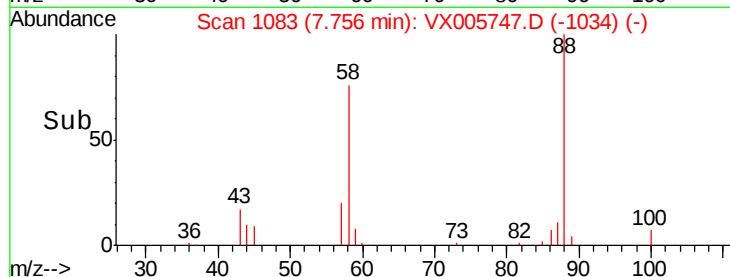
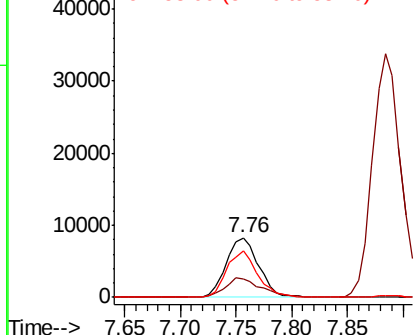
#49
1,4-Dioxane
Concen: 373.380 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion: 88 Resp: 16747
Ion Ratio Lower Upper
88 100
43 37.7 27.4 41.0
58 75.1 59.4 89.2

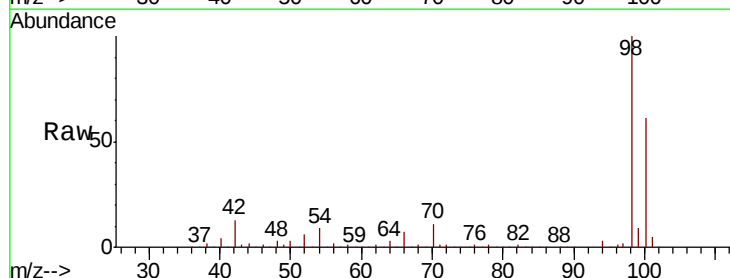


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

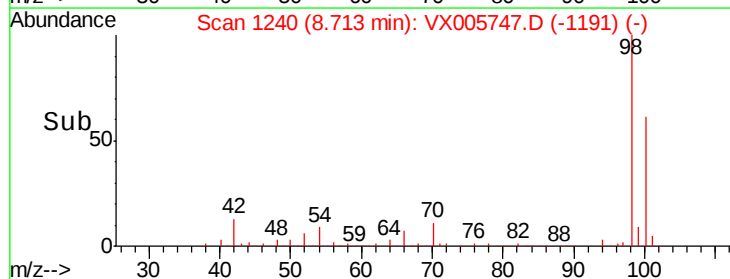
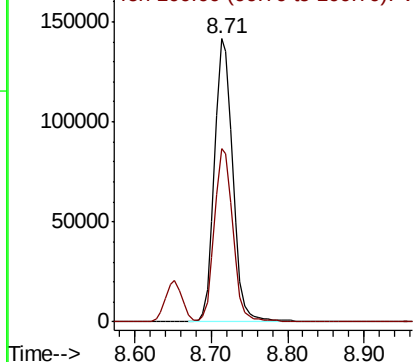


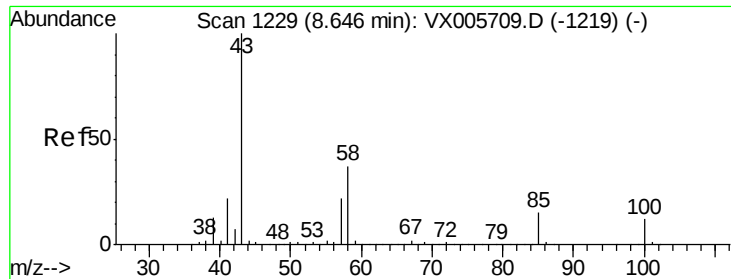
#50
Toluene-d8
Concen: 45.915 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 98 Resp: 235219
Ion Ratio Lower Upper
98 100
100 61.4 51.3 76.9



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: 89.521 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

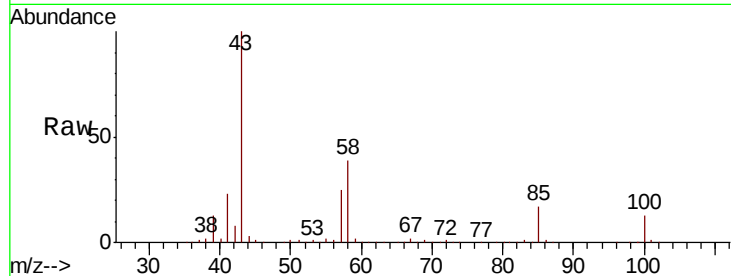
VX1102WBS01

Tot Ion: 43 Resp: 254032

Ion Ratio Lower Upper

43 100

58 37.7 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

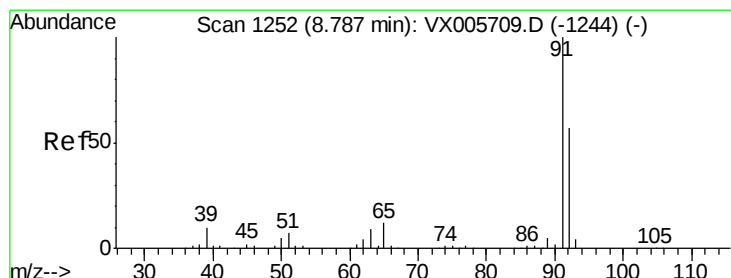
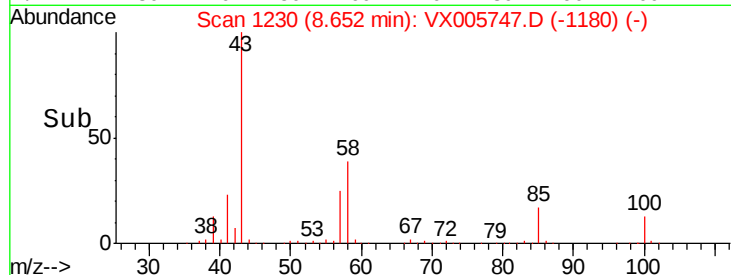
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.726 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005747.D

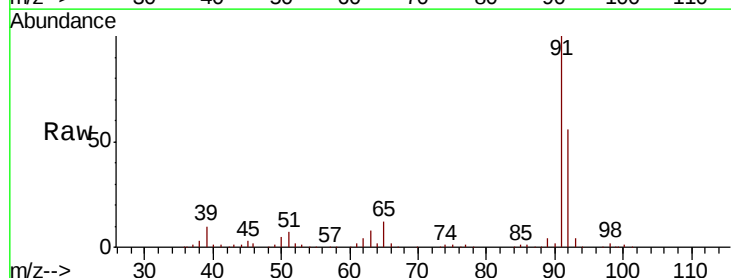
Acq: 02 Nov 2018 11:08

Tgt Ion: 92 Resp: 64107

Ion Ratio Lower Upper

92 100

91 177.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

80000

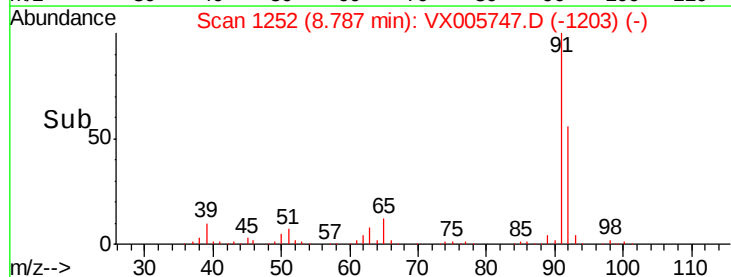
60000

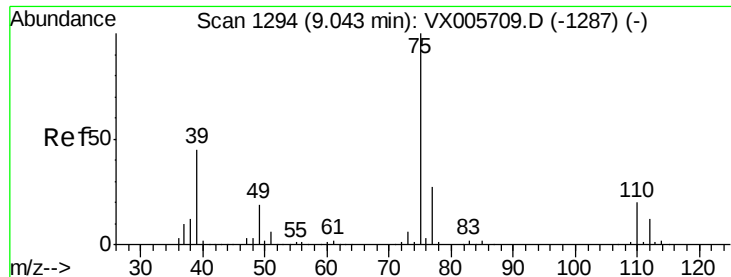
40000

20000

0

Time-->

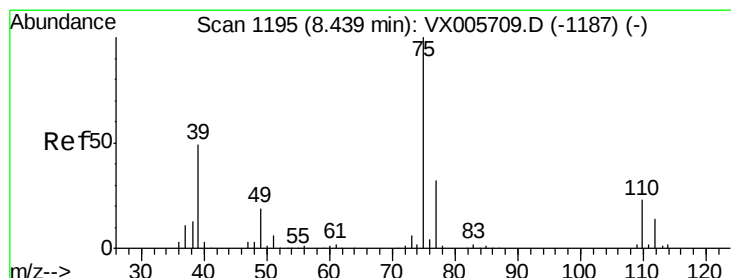
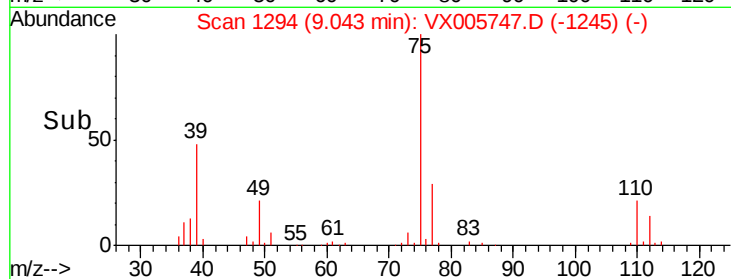
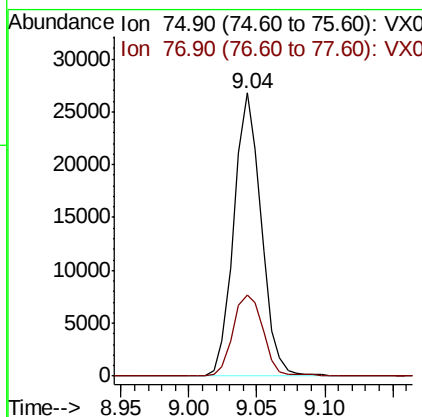
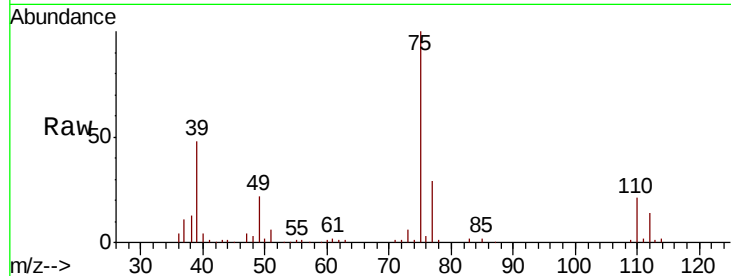




#53
t-1,3-Dichloropropene
Concen: 16.888 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

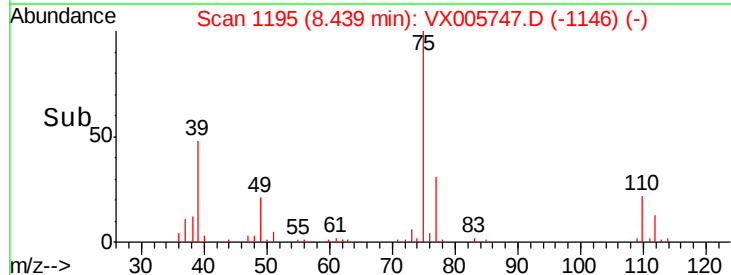
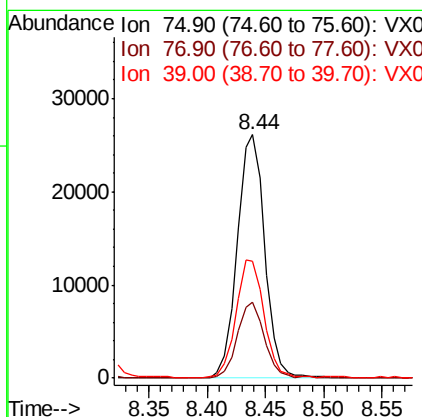
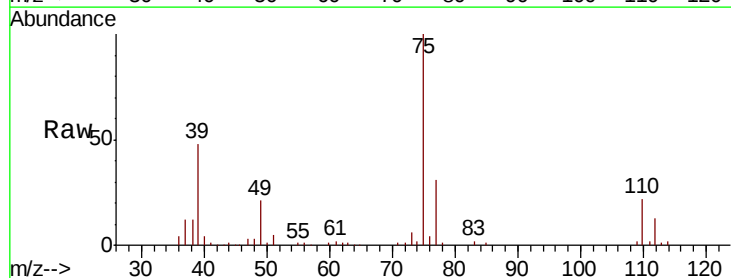
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

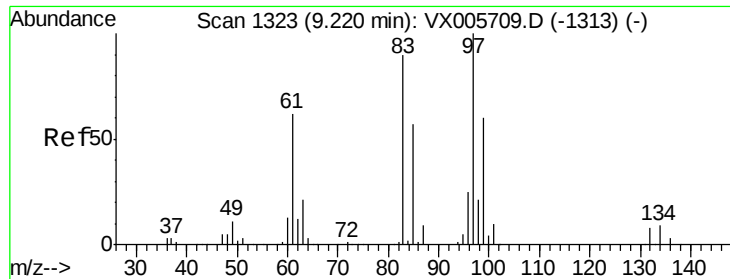
Tot Ion: 75 Resp: 37593
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.097 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 75 Resp: 43160
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 47.8 38.2 57.2

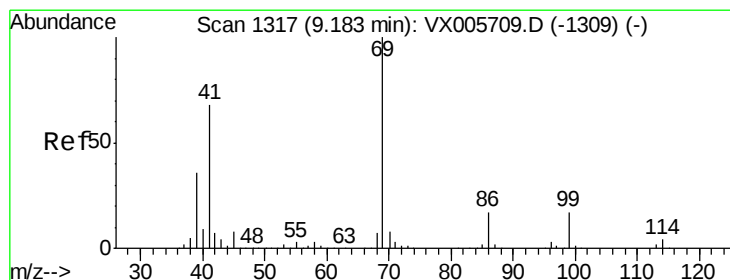
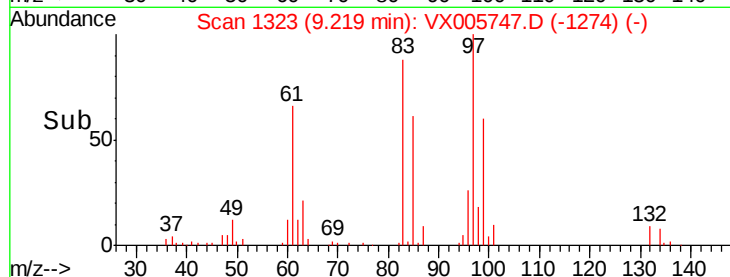
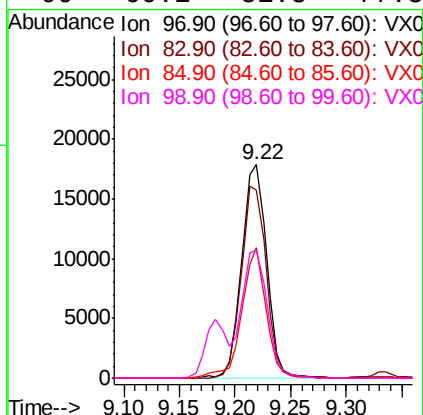
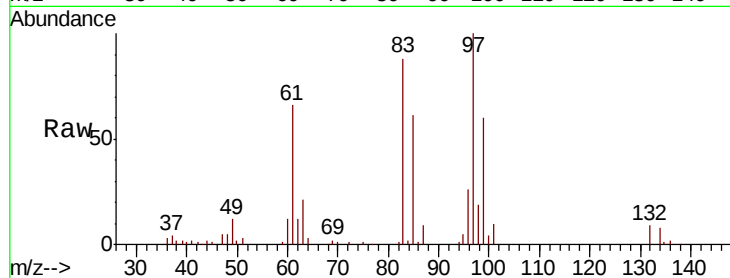




#55
 1,1,2-Trichloroethane
 Concen: 17.805 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

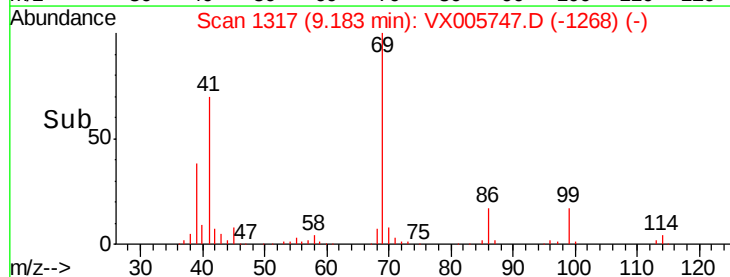
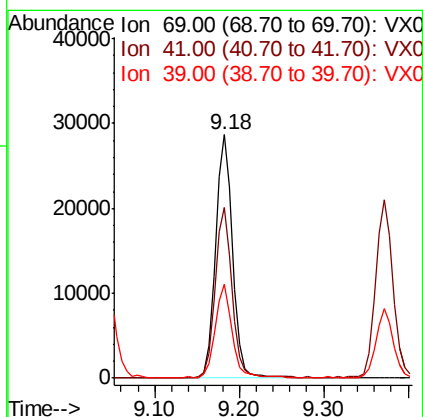
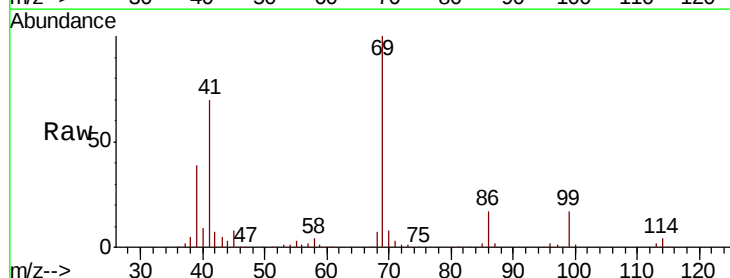
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

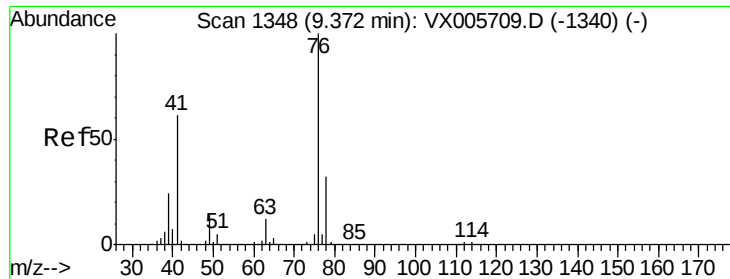
Tot Ion:	97	Resp:	27965
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.7	106.1
85	60.9	45.8	68.6
99	60.1	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 16.834 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion:	69	Resp:	40285
Ion	Ratio	Lower	Upper
69	100		
41	70.6	57.0	85.6
39	37.7	28.3	42.5





#57

1,3-Dichloropropane

Concen: 17.781 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

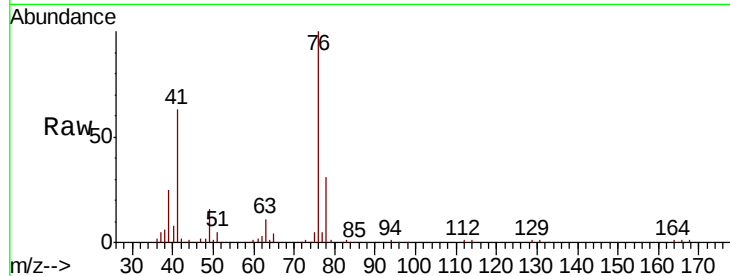
VX1102WBS01

Tot Ion: 76 Resp: 47972

Ion Ratio Lower Upper

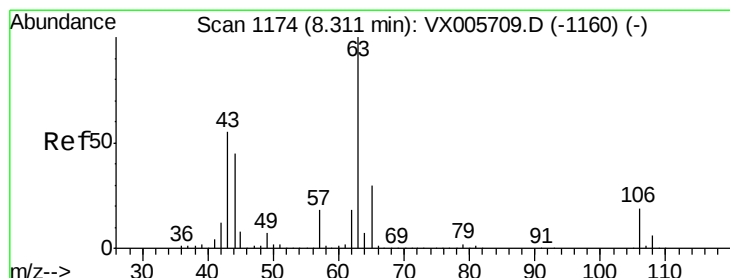
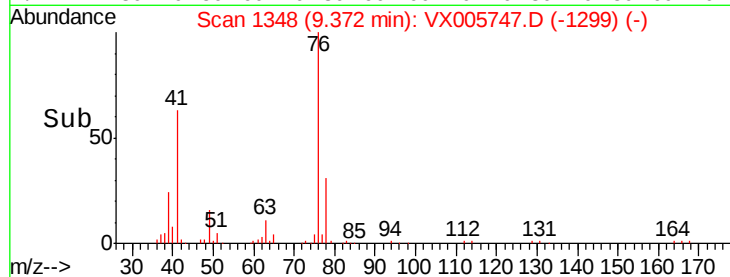
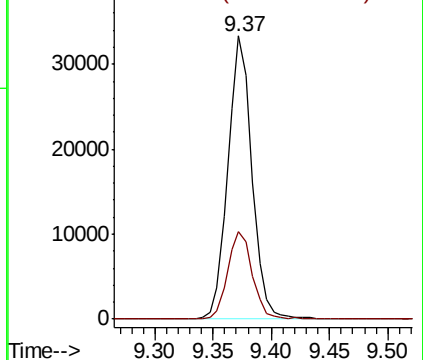
76 100

78 31.6 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.470 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005747.D

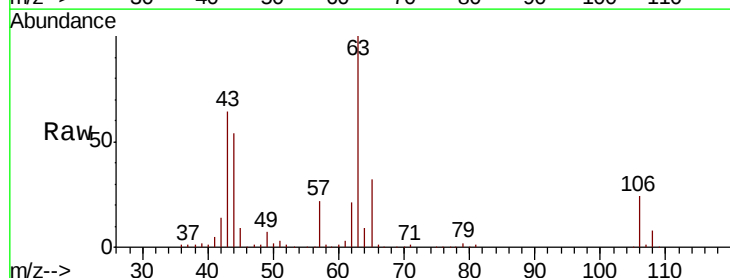
Acq: 02 Nov 2018 11:08

Tgt Ion: 63 Resp: 124993

Ion Ratio Lower Upper

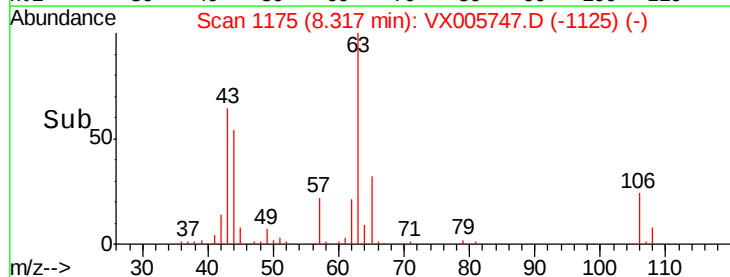
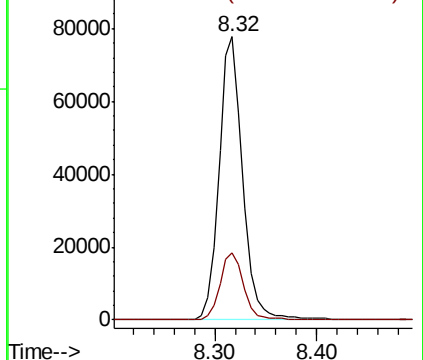
63 100

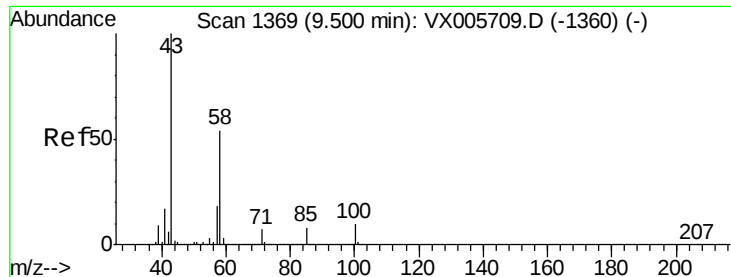
106 23.8 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

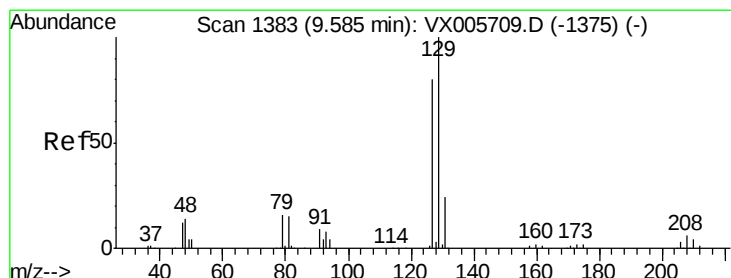
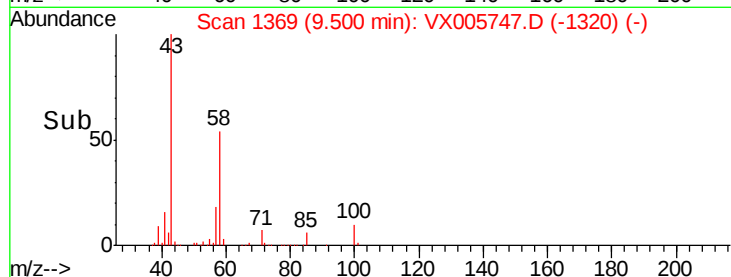
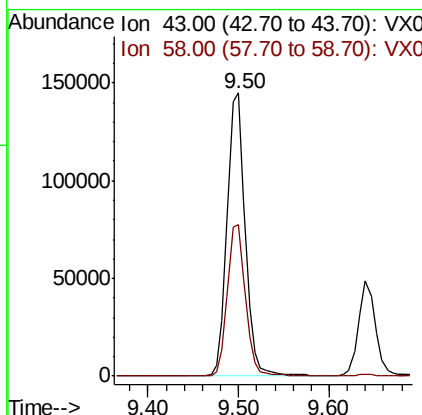
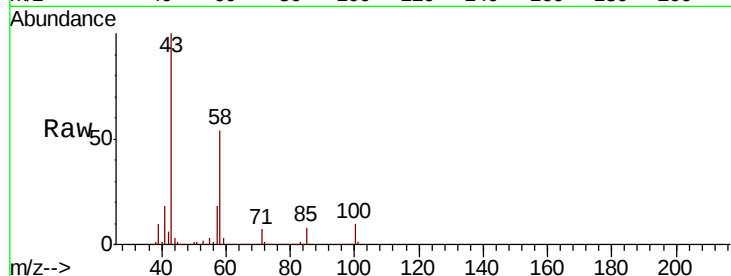




#59
2-Hexanone
Concen: 87.662 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

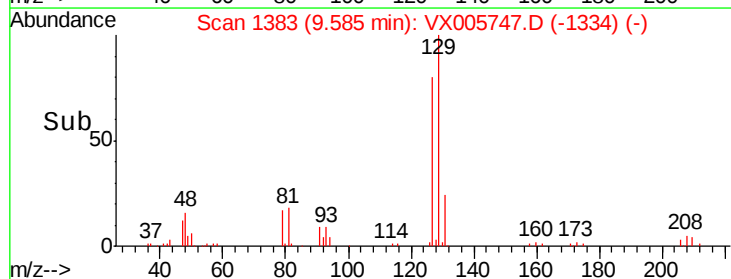
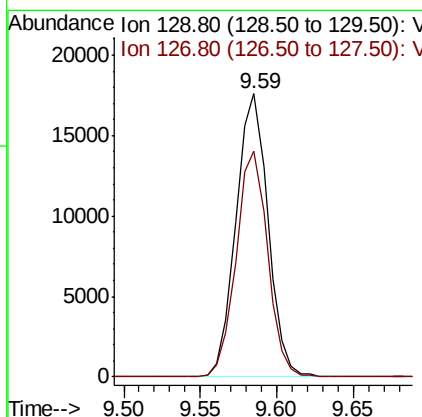
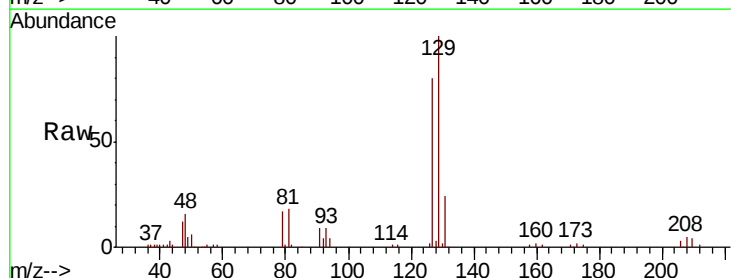
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

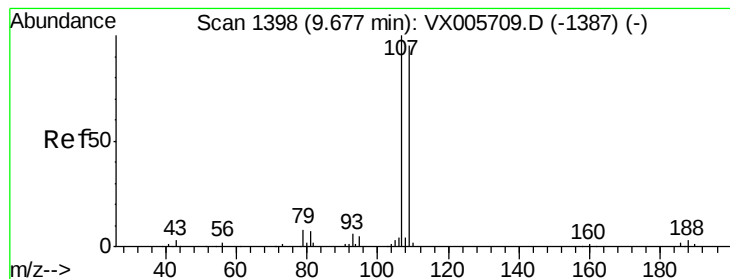
Tot Ion: 43 Resp: 202439
Ion Ratio Lower Upper
43 100
58 53.7 25.9 77.8



#60
Dibromochloromethane
Concen: 16.856 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion:129 Resp: 25582
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 17.878 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

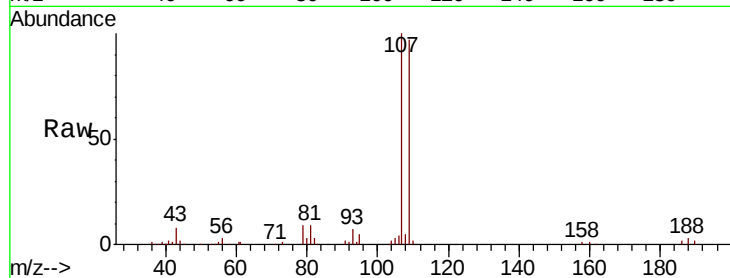
VX1102WBS01

Tot Ion:107 Resp: 28612

Ion Ratio Lower Upper

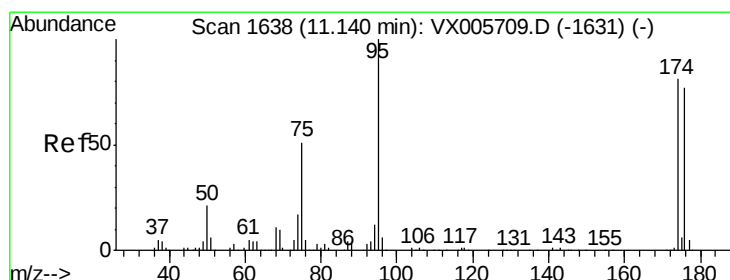
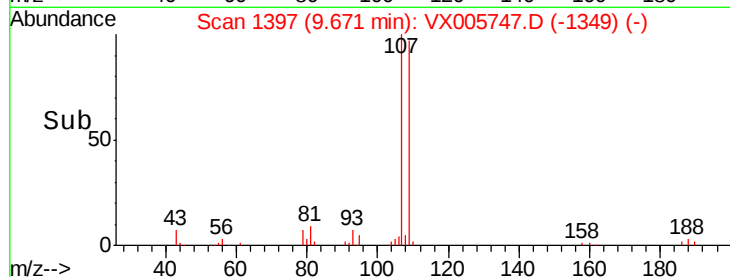
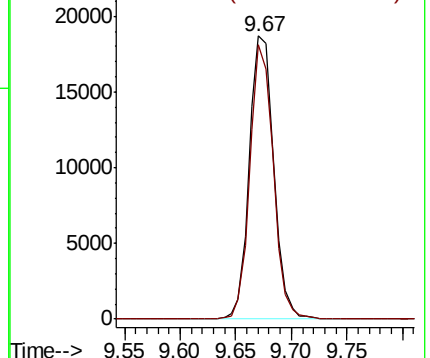
107 100

109 93.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.336 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

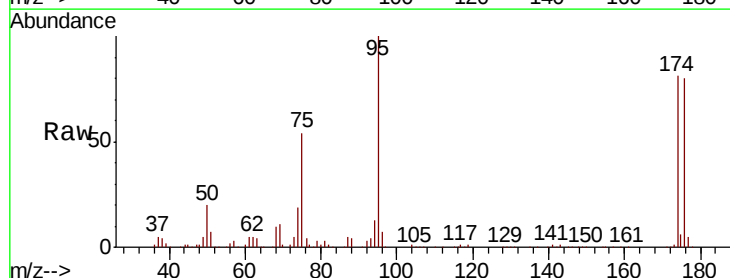
Tgt Ion: 95 Resp: 83827

Ion Ratio Lower Upper

95 100

174 78.8 0.0 184.4

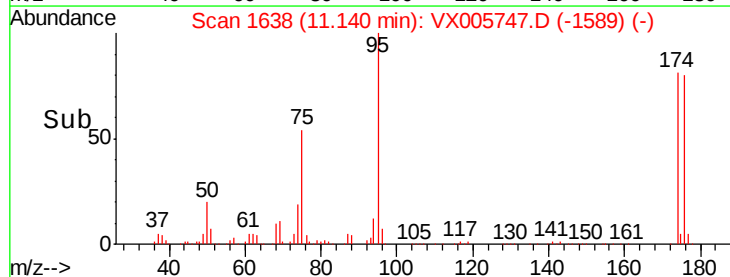
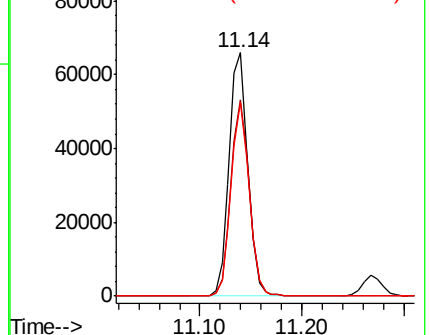
176 77.0 0.0 177.4

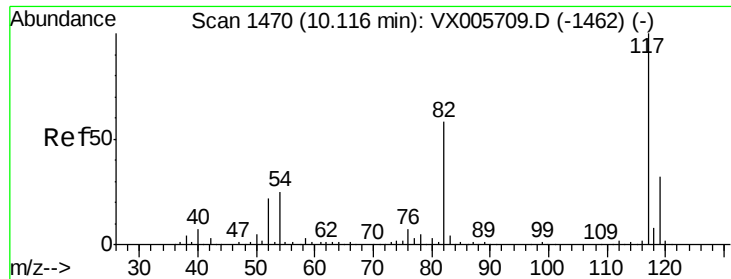


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

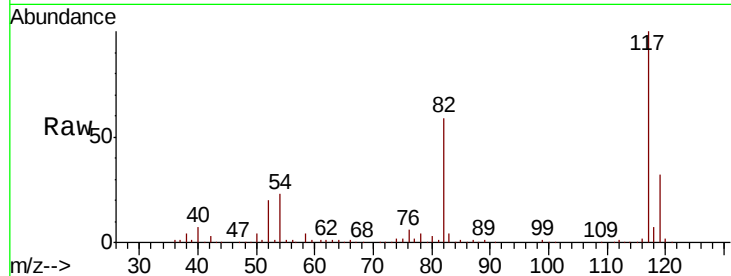




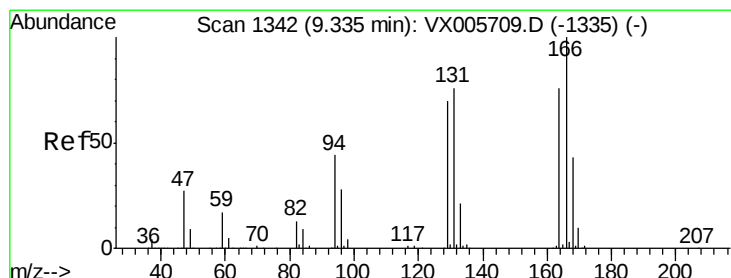
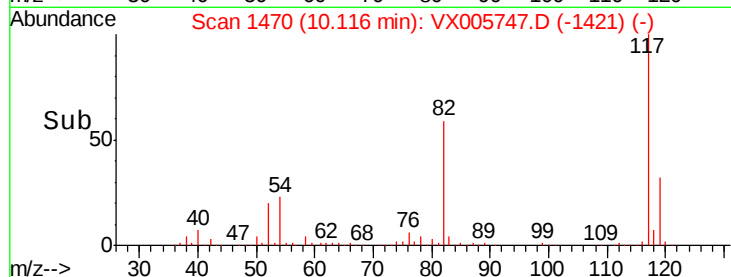
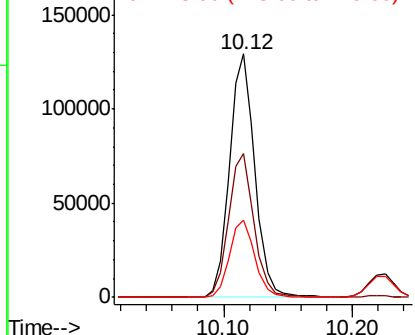
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion:117 Resp: 178045
Ion Ratio Lower Upper
117 100
82 59.3 44.1 66.1
119 32.0 26.2 39.2

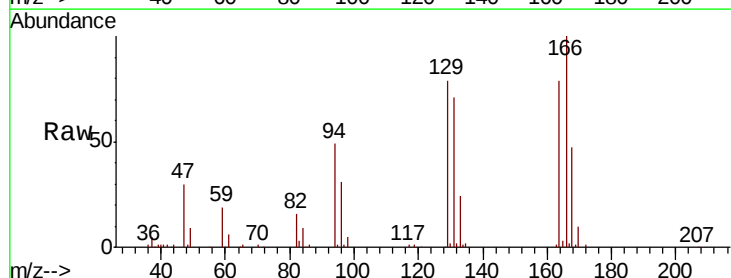


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

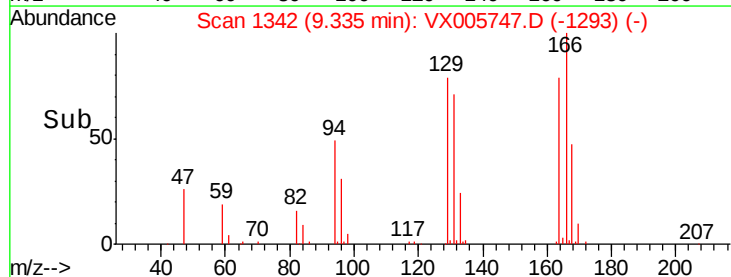
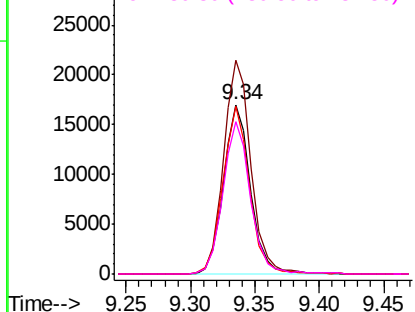


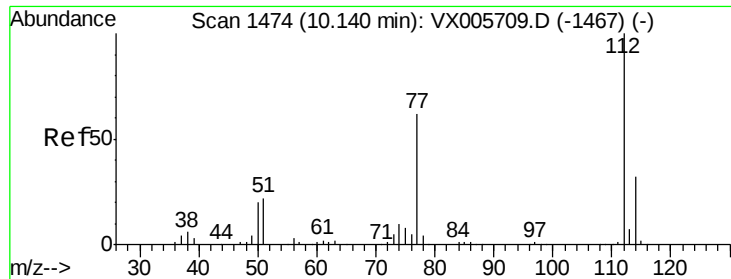
#64
Tetrachloroethene
Concen: 19.162 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion:164 Resp: 24925
Ion Ratio Lower Upper
164 100
166 126.3 101.9 152.9
129 99.5 72.6 109.0
131 90.2 71.1 106.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

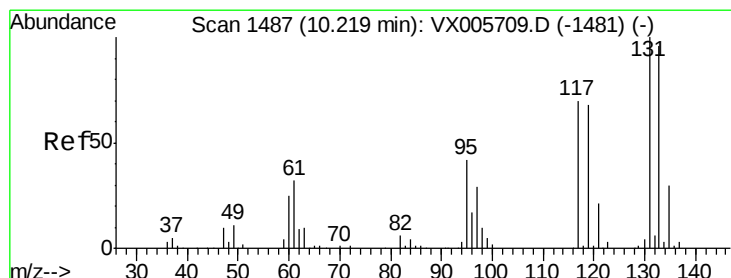
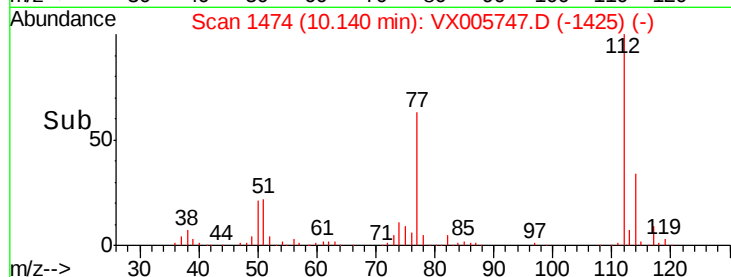
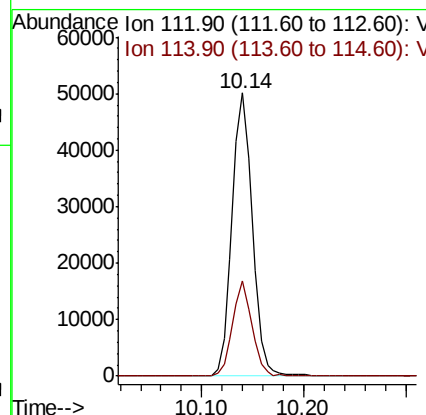
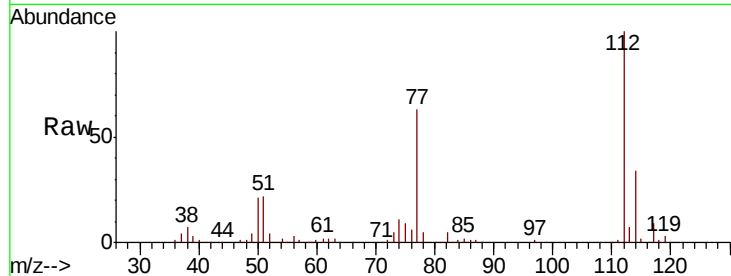




#65
Chlorobenzene
Concen: 18.323 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

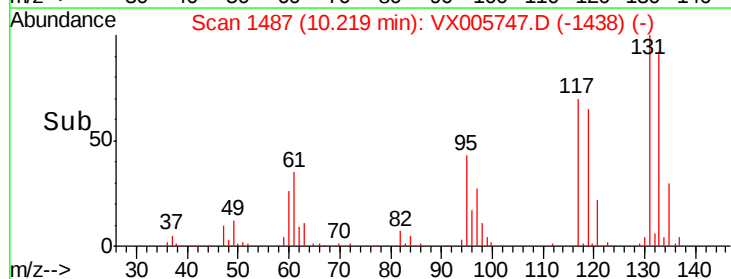
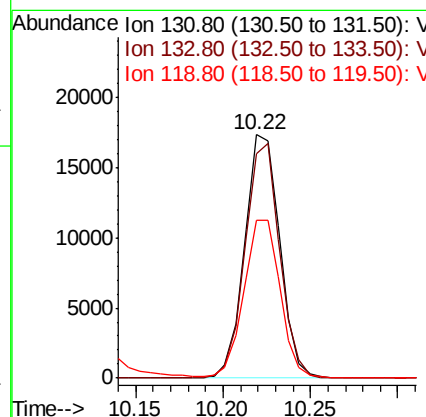
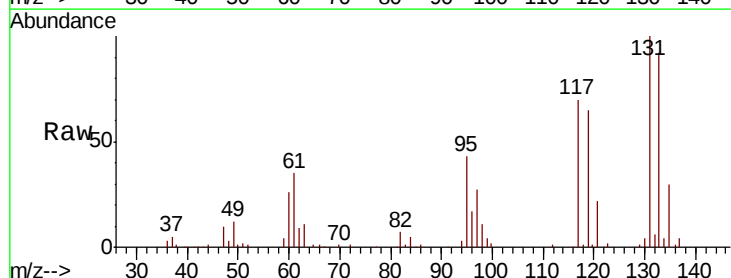
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

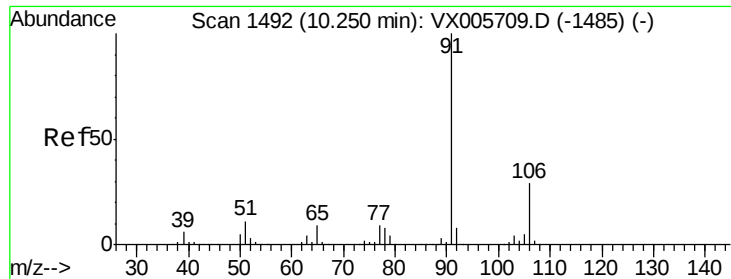
Tot Ion:112 Resp: 69326
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.768 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion:131 Resp: 24308
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 67.5 31.8 95.3

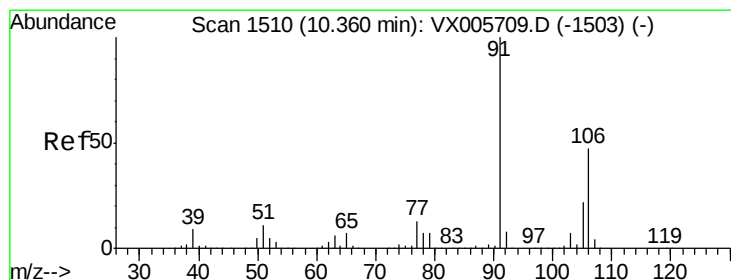
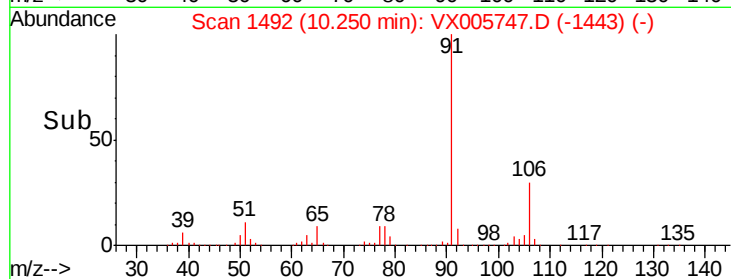
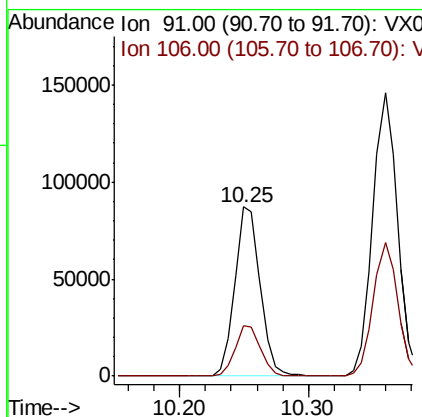
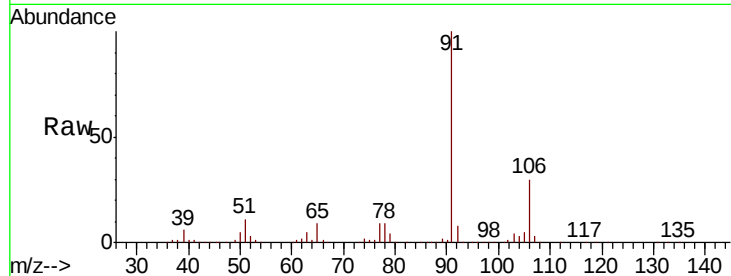




#67
Ethyl Benzene
Concen: 18.614 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

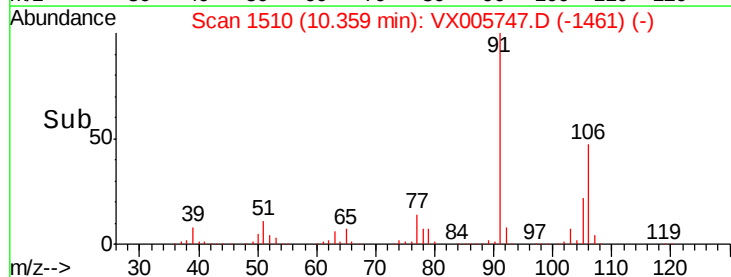
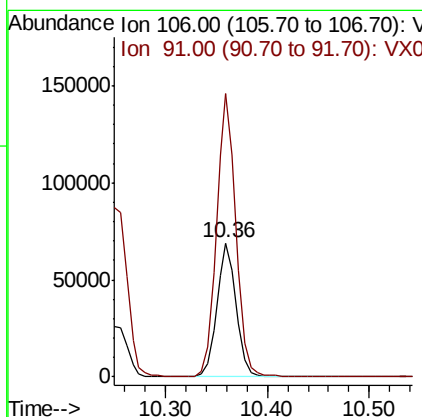
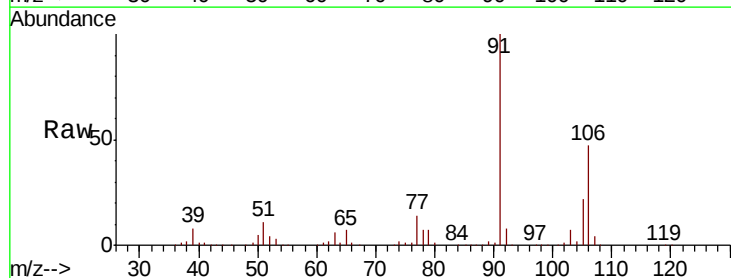
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

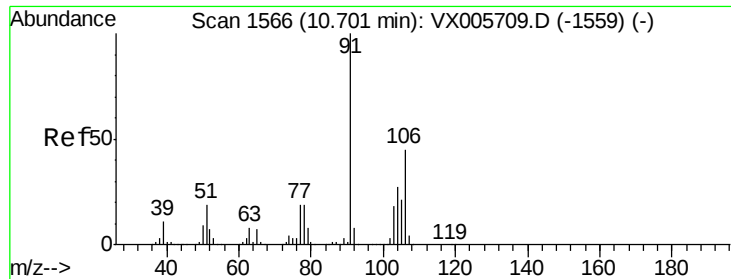
Tot Ion: 91 Resp: 120190
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6



#68
m/p-Xylenes
Concen: 38.174 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 106 Resp: 91594
Ion Ratio Lower Upper
106 100
91 213.1 164.2 246.4

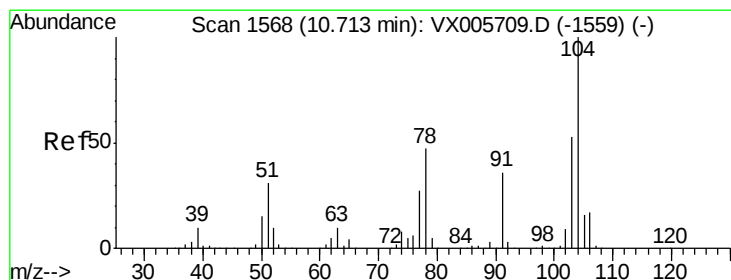
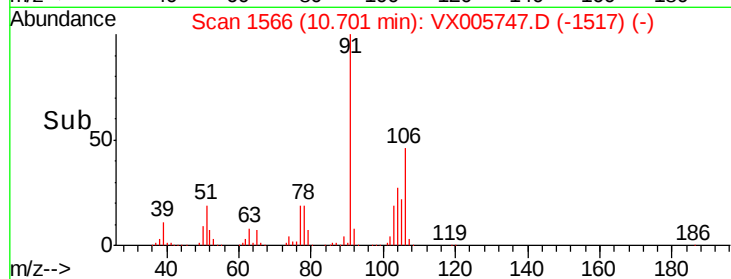
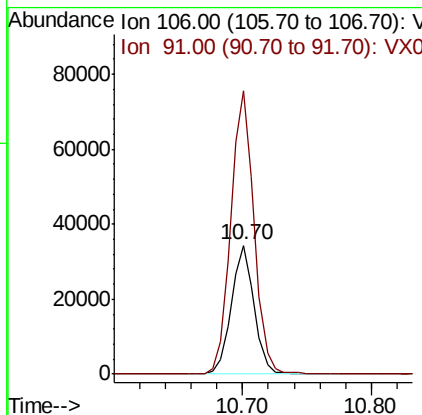
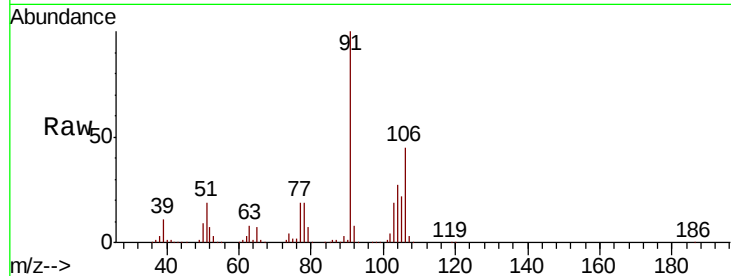




#69
o-Xylene
Concen: 18.467 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

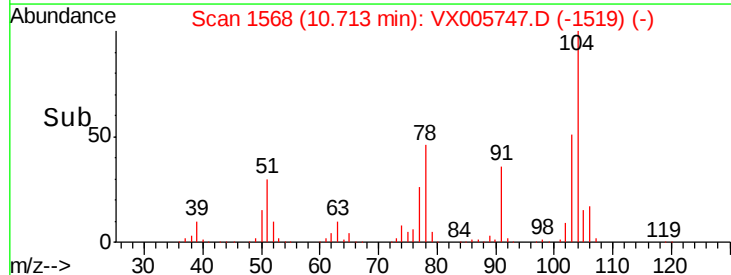
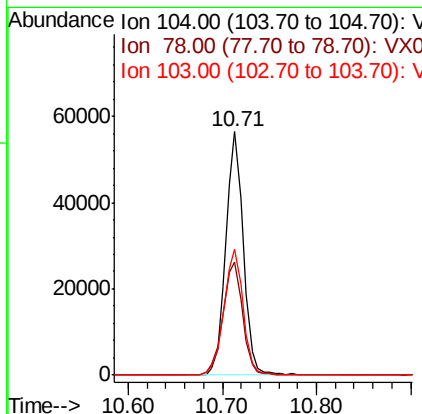
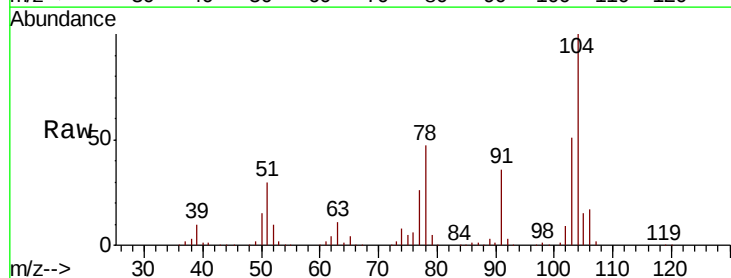
Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

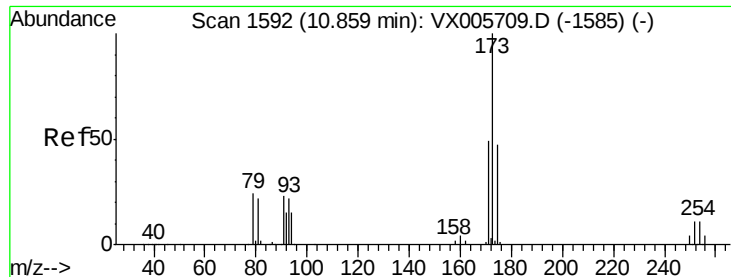
Tot Ion:106 Resp: 42379
Ion Ratio Lower Upper
106 100
91 226.1 108.5 325.5



#70
Styrene
Concen: 19.136 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion:104 Resp: 72935
Ion Ratio Lower Upper
104 100
78 52.3 40.2 60.4
103 56.7 44.9 67.3





#71

Bromoform

Concen: 18.514 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

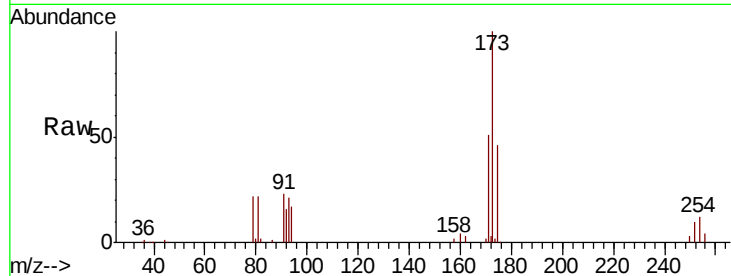
Tot Ion:173 Resp: 19429

Ion Ratio Lower Upper

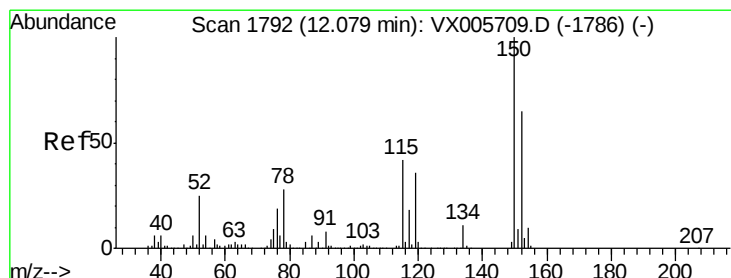
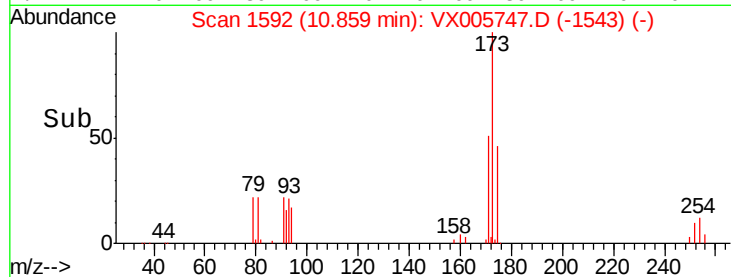
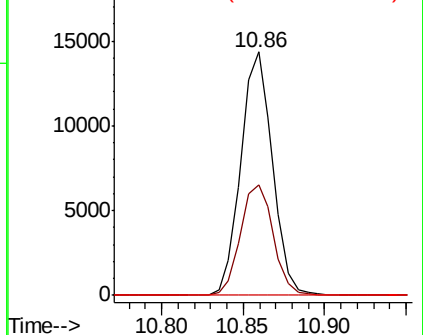
173 100

175 47.0 24.8 74.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

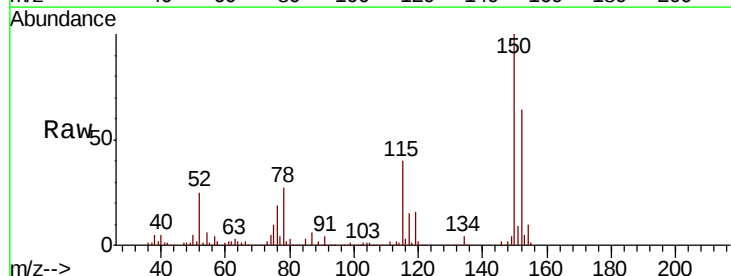
Tgt Ion:152 Resp: 89609

Ion Ratio Lower Upper

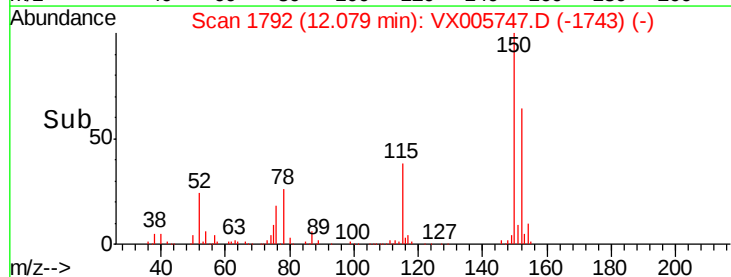
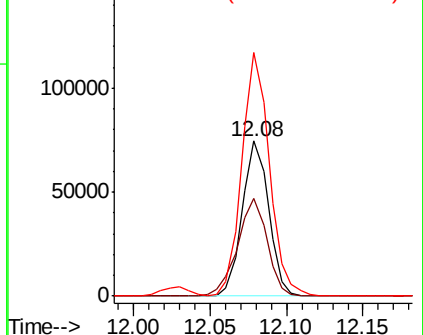
152 100

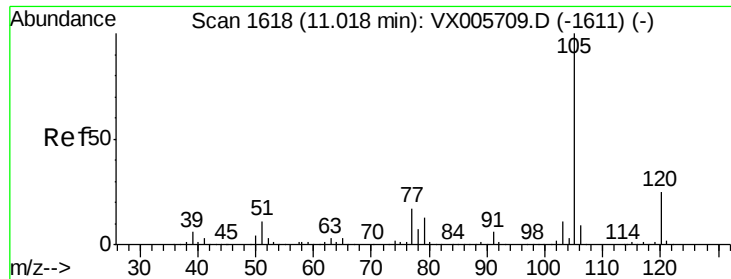
115 70.4 39.4 118.1

150 163.3 0.0 346.4



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

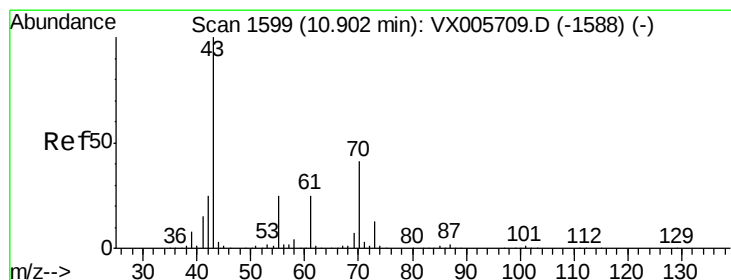
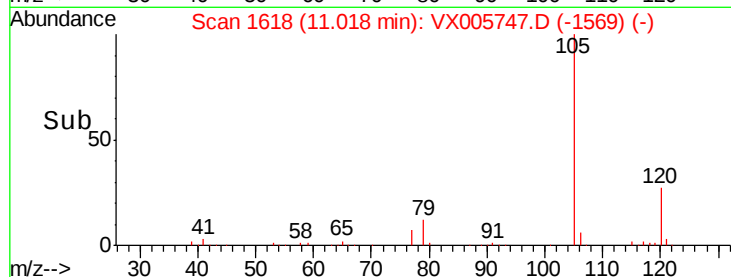
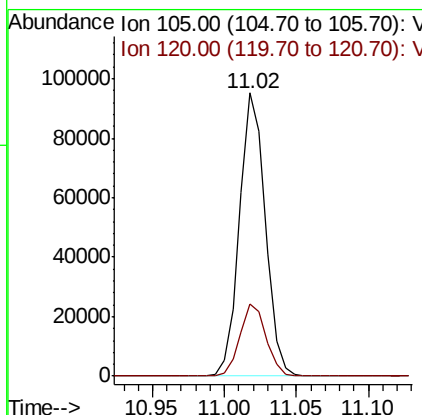
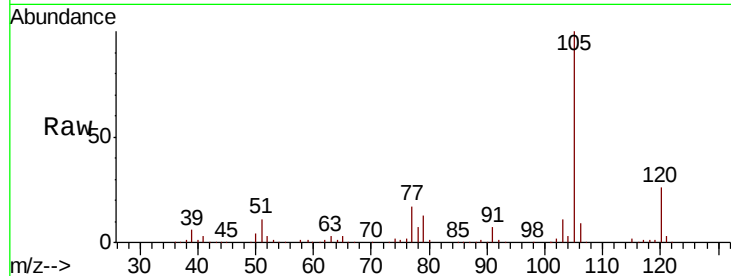




#73
Isopropylbenzene
Concen: 20.087 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

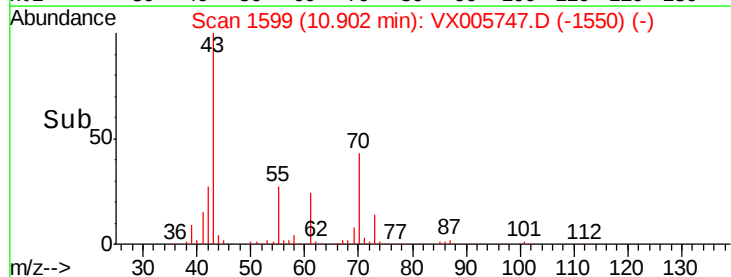
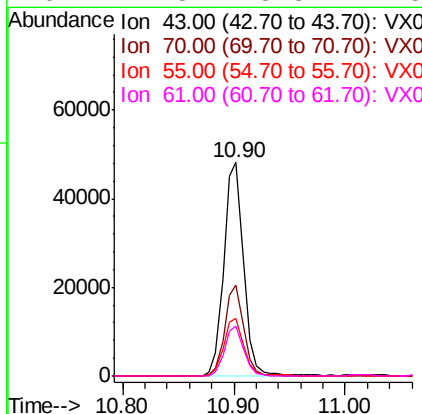
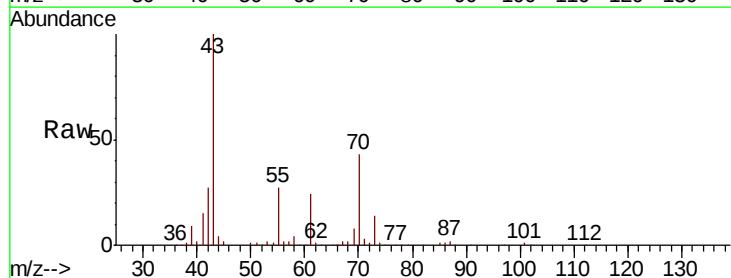
Instrument :
MSVOA_X
ClientSampled :
VX1102WBS01

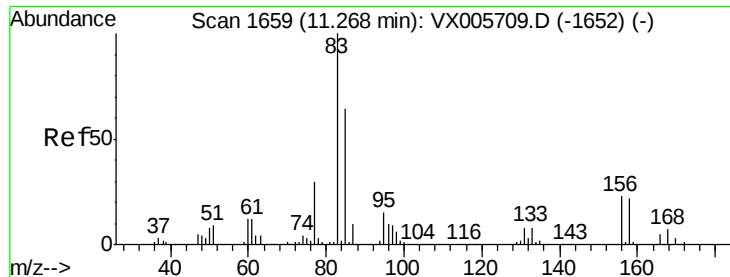
Tot Ion:105 Resp: 118750
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3



#74
N-ethyl acetate
Concen: 18.775 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 43 Resp: 59095
Ion Ratio Lower Upper
43 100
70 41.1 31.6 47.4
55 27.5 19.7 29.5
61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.247 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

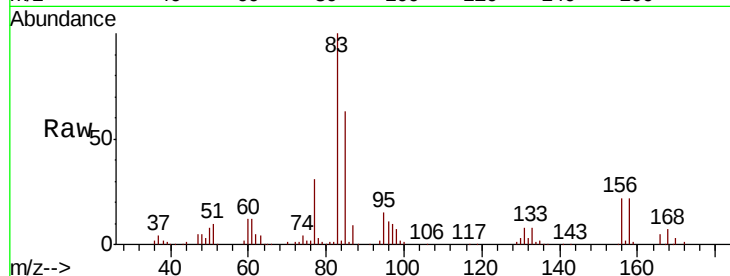
Tot Ion: 83 Resp: 47207

Ion Ratio Lower Upper

83 100

131 8.6 5.3 15.9

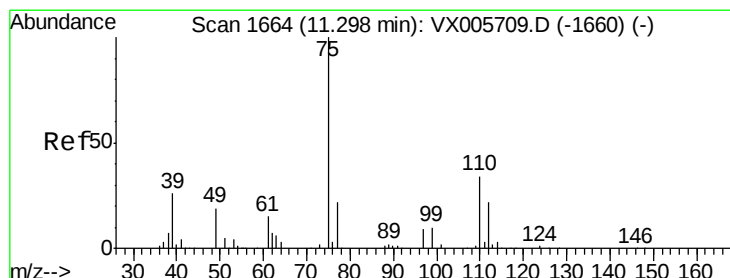
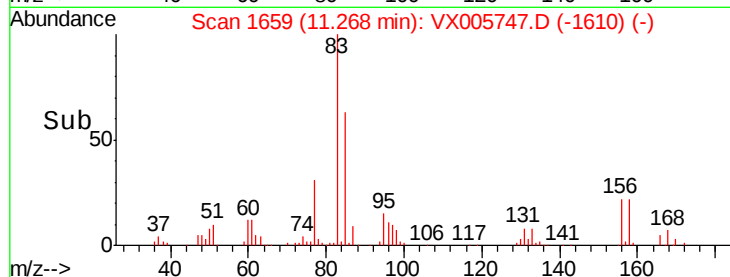
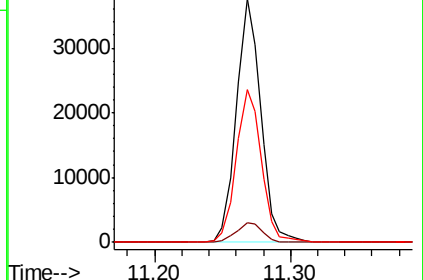
85 64.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.306 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005747.D

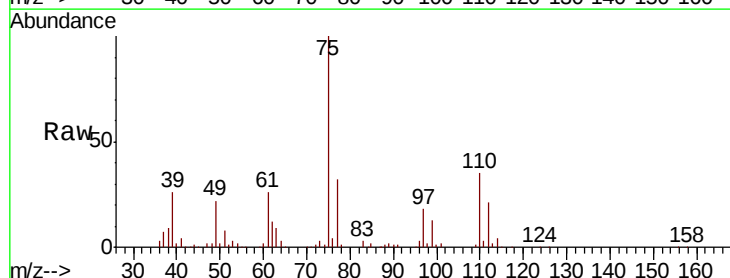
Acq: 02 Nov 2018 11:08

Tgt Ion: 75 Resp: 54246

Ion Ratio Lower Upper

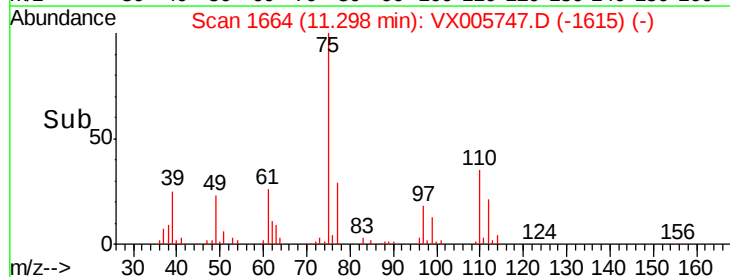
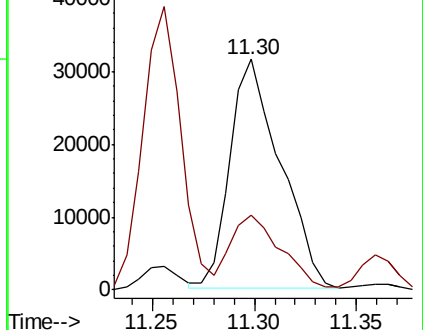
75 100

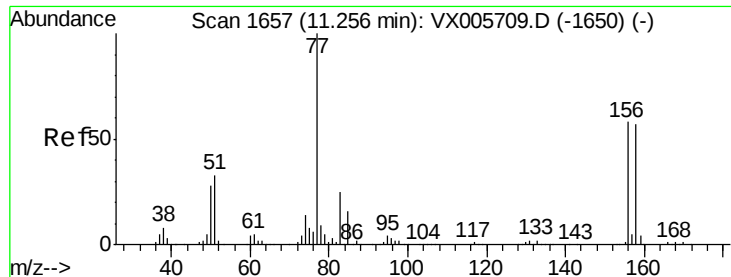
77 32.7 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.646 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampled :

VX1102WBS01

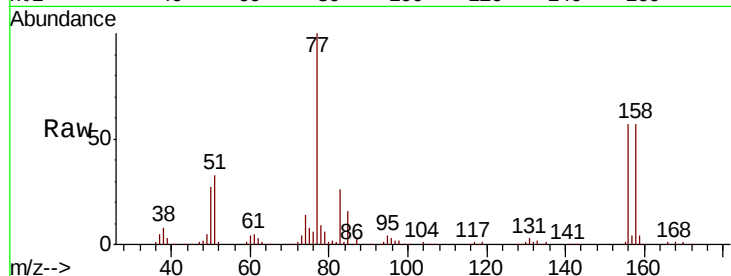
Tot Ion:156 Resp: 28812

Ion Ratio Lower Upper

156 100

77 175.8 74.8 224.4

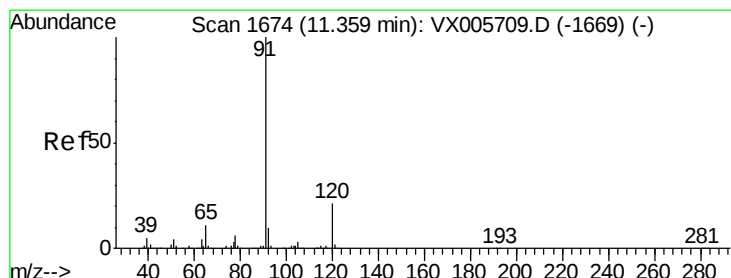
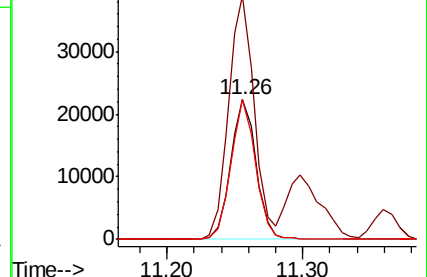
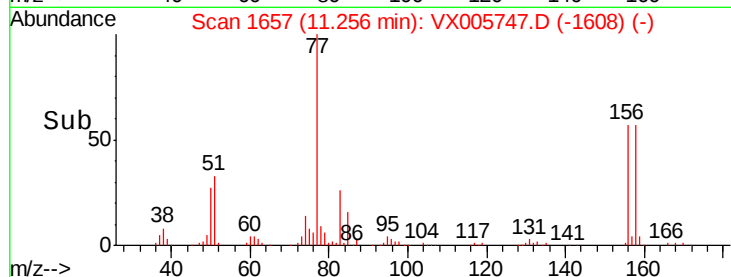
158 96.7 49.1 147.3



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: 20.142 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005747.D

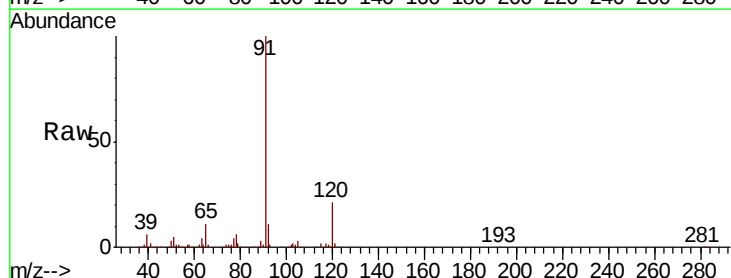
Acq: 02 Nov 2018 11:08

Tgt Ion: 91 Resp: 144858

Ion Ratio Lower Upper

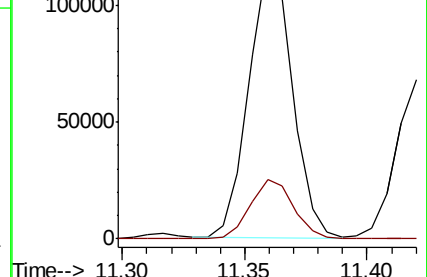
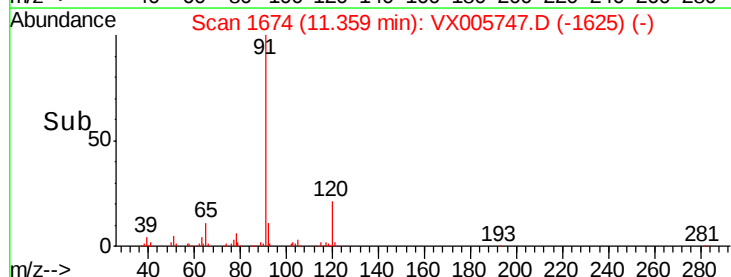
91 100

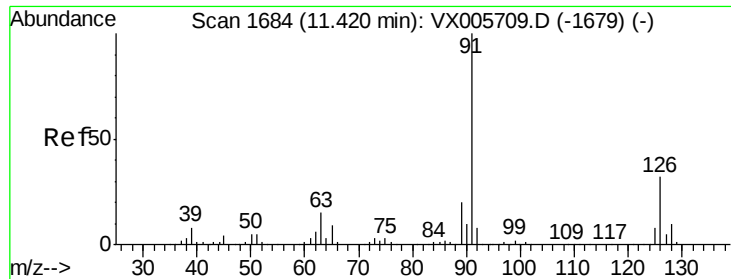
120 21.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

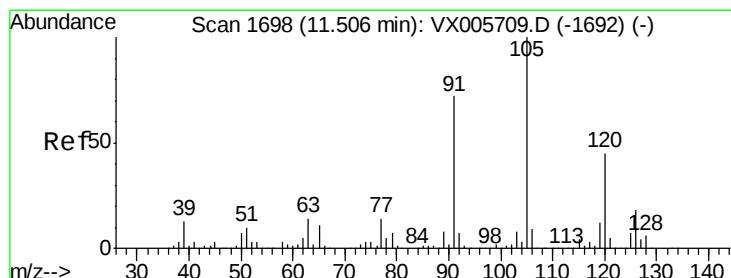
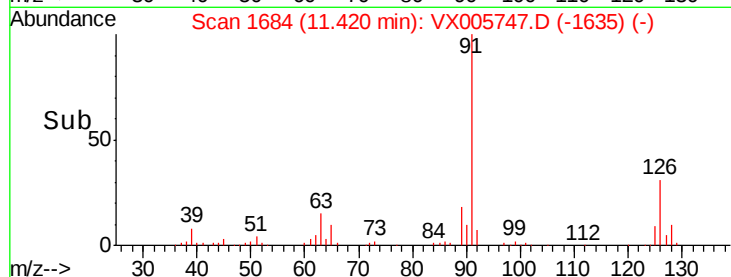
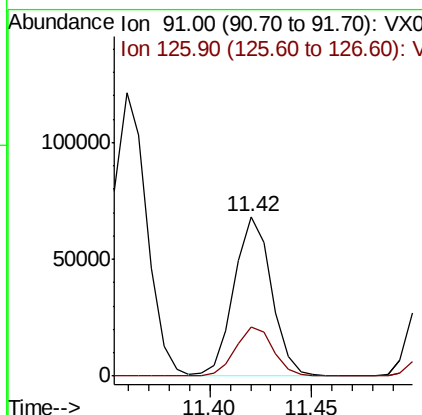
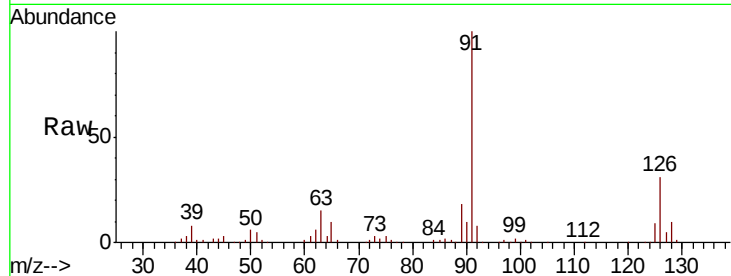




#79
2-Chlorotoluene
Concen: 20.001 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

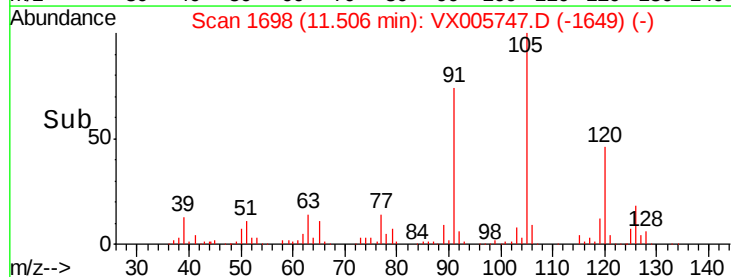
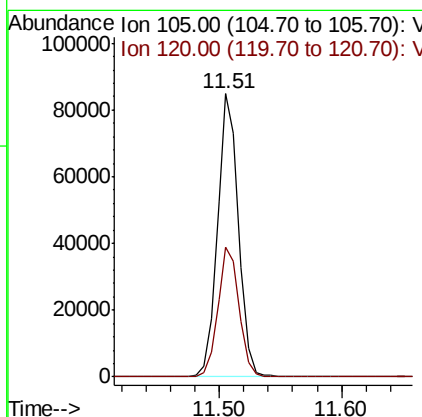
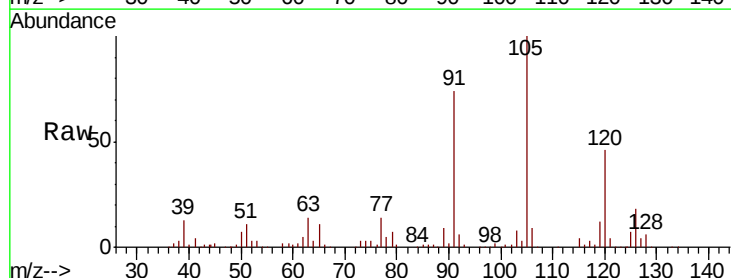
Instrument :
MSVOA_X
ClientSampled :
VX1102WBS01

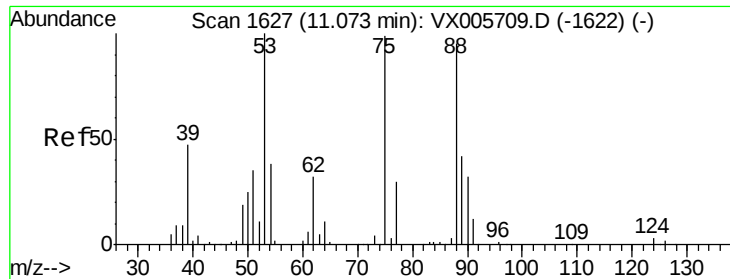
Tot Ion: 91 Resp: 85912
Ion Ratio Lower Upper
91 100
126 31.6 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 20.147 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 105 Resp: 101133
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.455 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

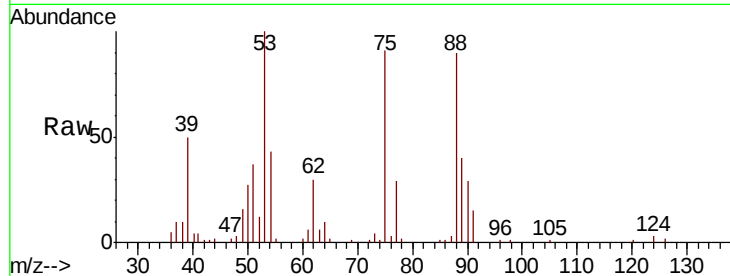
Tot Ion: 75 Resp: 12748

Ion Ratio Lower Upper

75 100

53 109.8 80.2 120.2

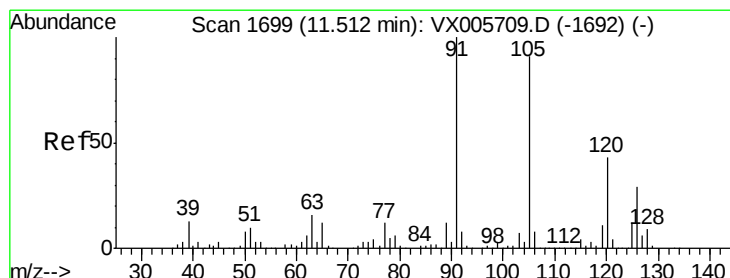
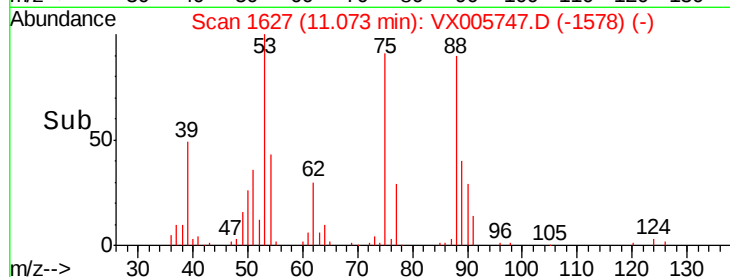
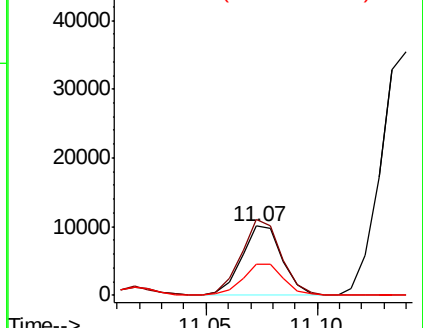
89 45.5 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.867 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005747.D

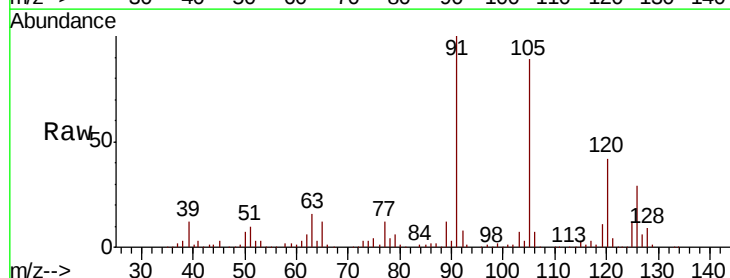
Acq: 02 Nov 2018 11:08

Tgt Ion: 91 Resp: 101881

Ion Ratio Lower Upper

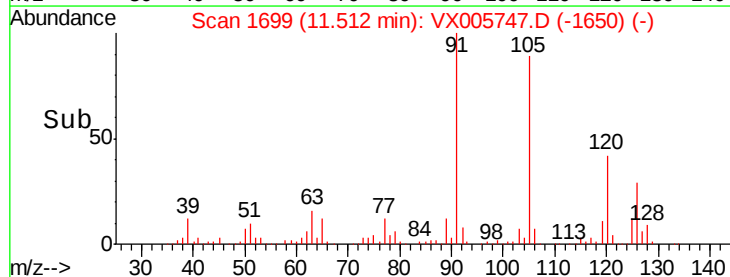
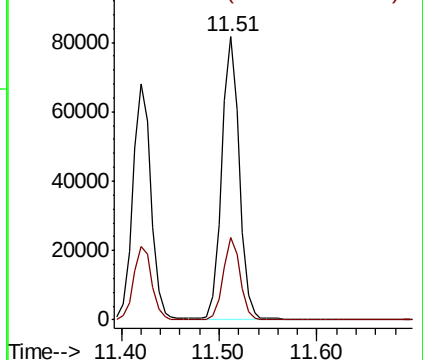
91 100

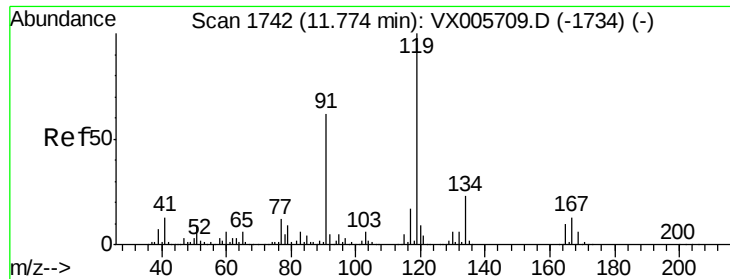
126 28.1 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.550 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

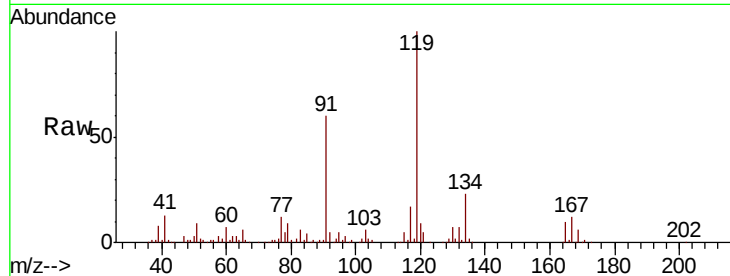
Tot Ion:119 Resp: 93637

Ion Ratio Lower Upper

119 100

91 60.5 28.5 85.5

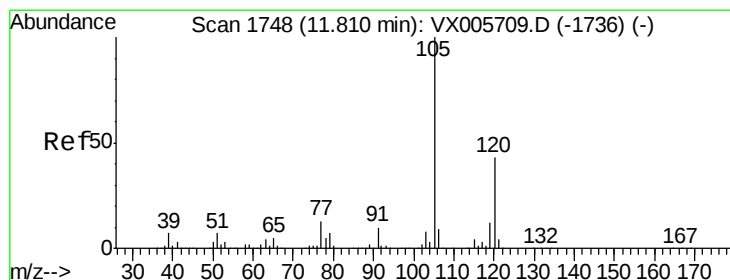
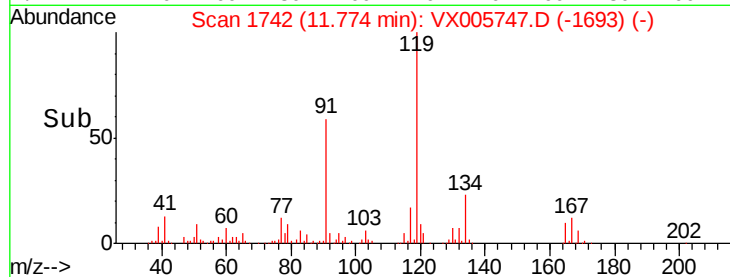
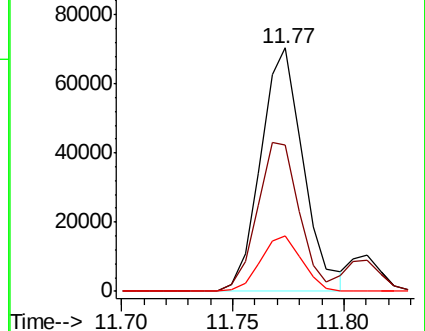
134 22.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.409 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX005747.D

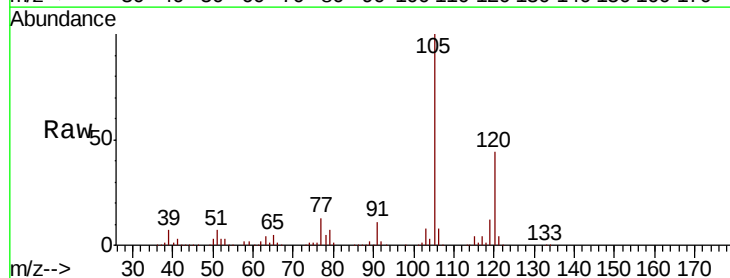
Acq: 02 Nov 2018 11:08

Tgt Ion:105 Resp: 103449

Ion Ratio Lower Upper

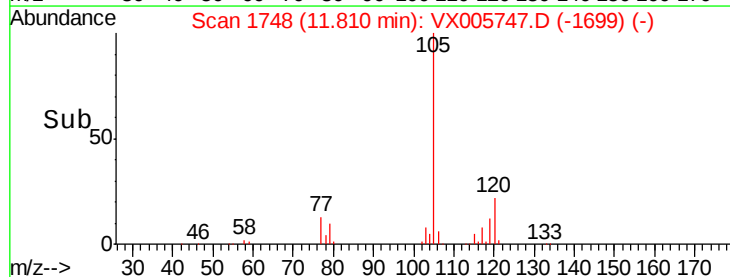
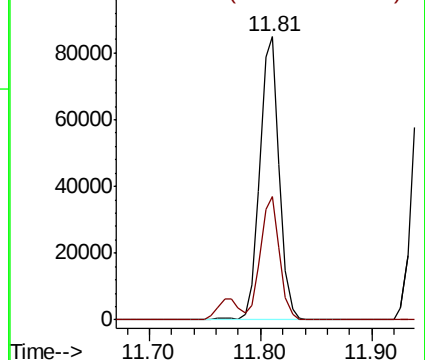
105 100

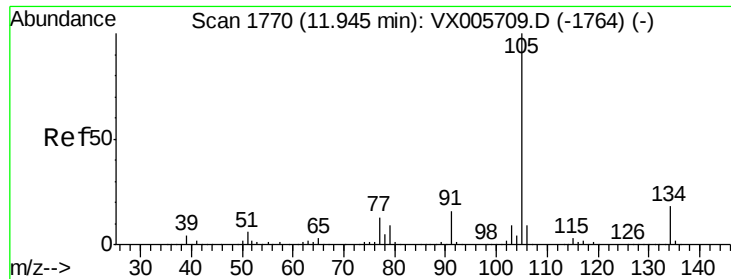
120 43.0 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

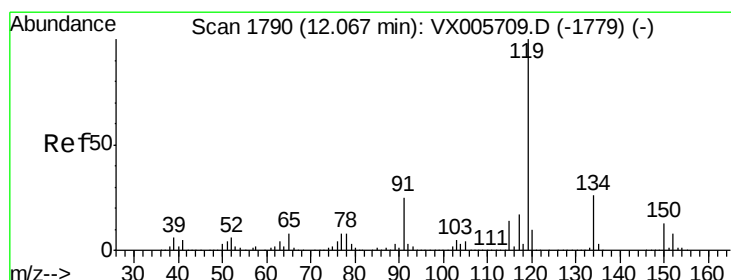
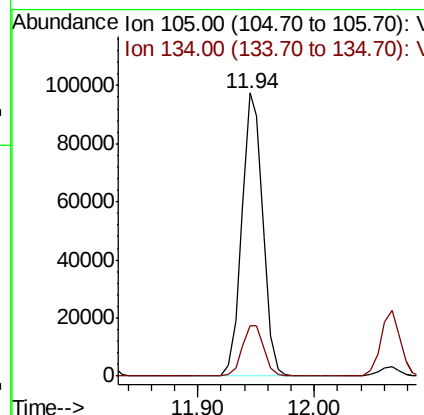
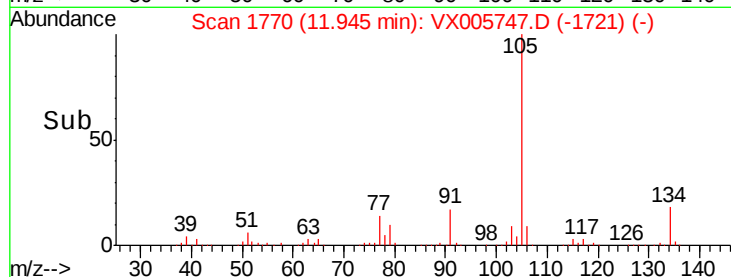
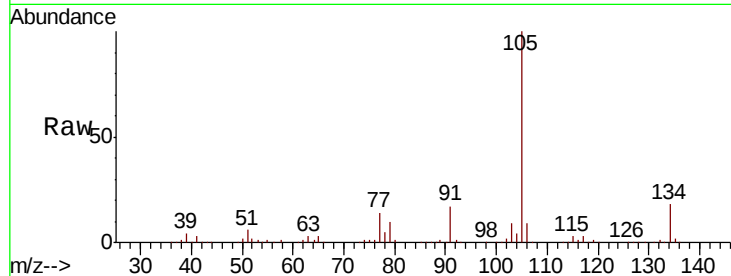




#85
 sec-Butylbenzene
 Concen: 19.853 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

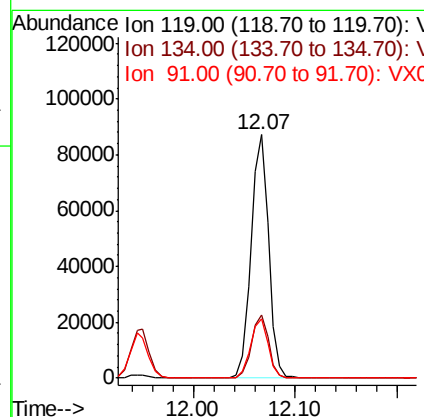
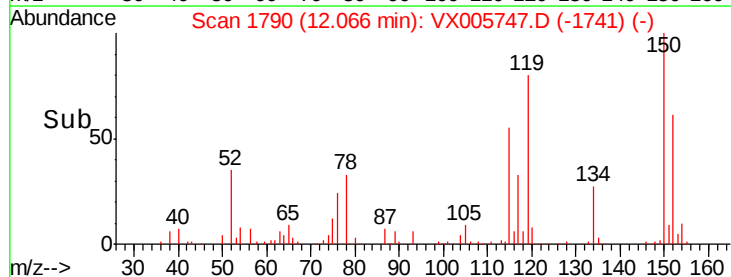
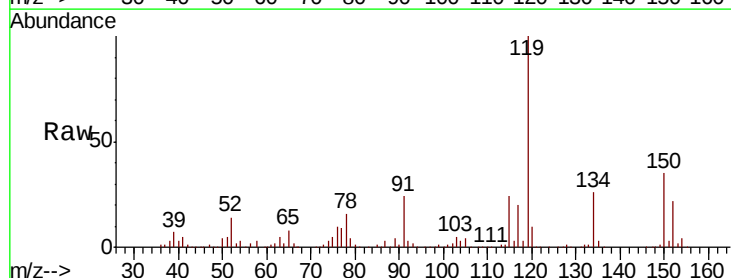
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

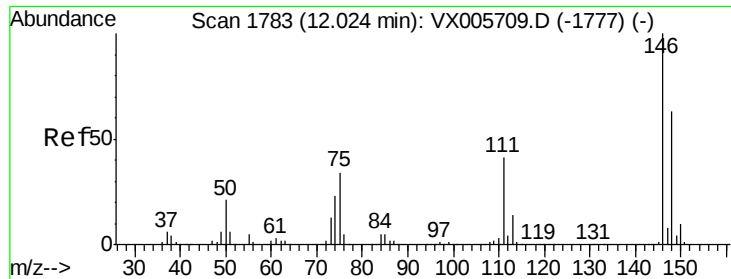
Tot Ion:105 Resp: 121972
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.873 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion:119 Resp: 103842
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 24.7 11.4 34.2

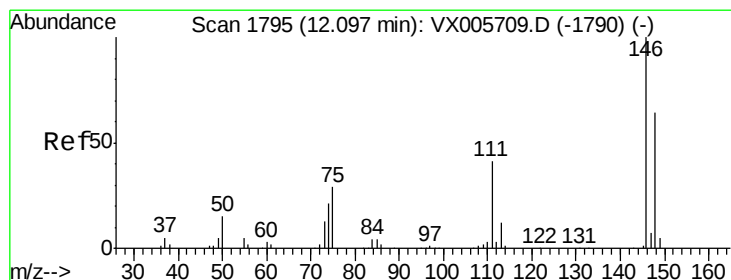
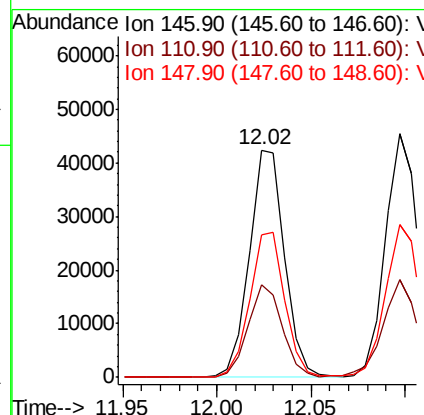
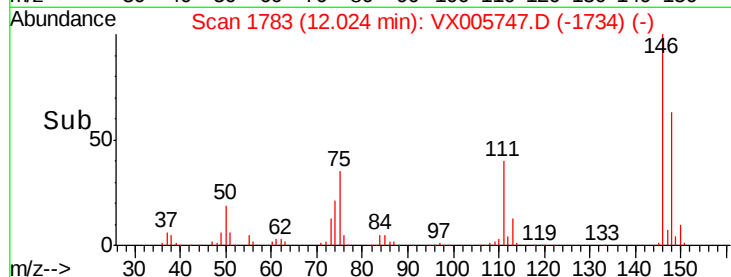
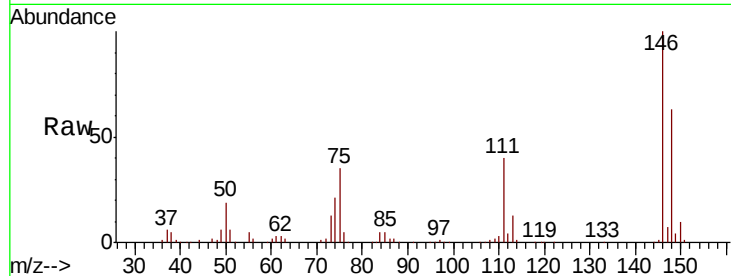




#87
 1,3-Dichlorobenzene
 Concen: 19.344 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

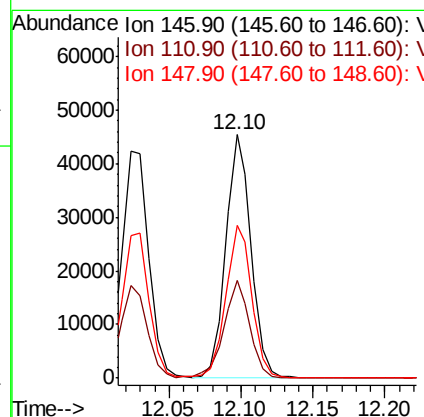
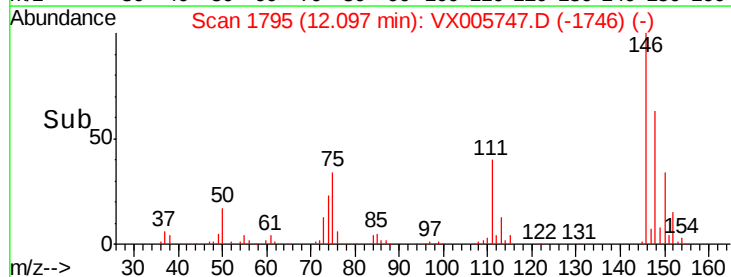
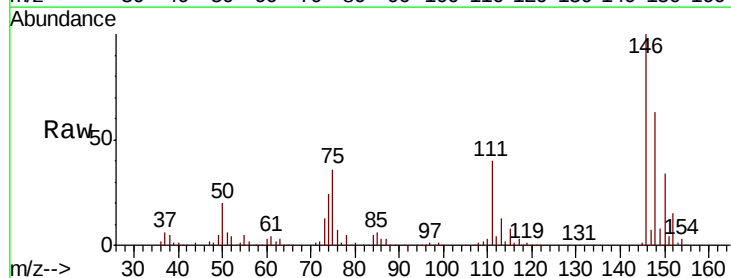
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

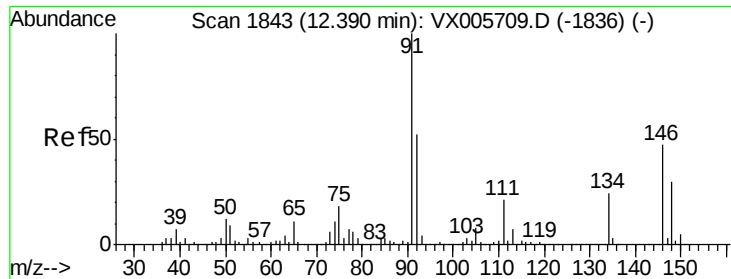
Tot Ion:146 Resp: 54851
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.0 57.0
 148 63.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.383 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion:146 Resp: 56000
 Ion Ratio Lower Upper
 146 100
 111 41.2 18.6 55.8
 148 64.9 32.1 96.3





#89

n-Butylbenzene

Concen: 18.164 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampled :

VX1102WBS01

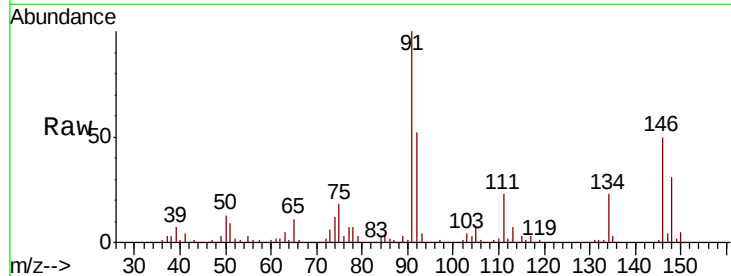
Tot Ion: 91 Resp: 95757

Ion Ratio Lower Upper

91 100

92 51.5 26.1 78.2

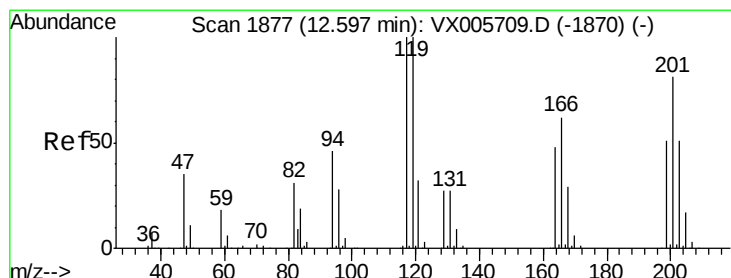
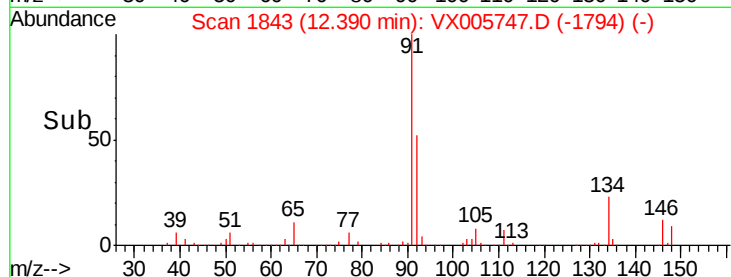
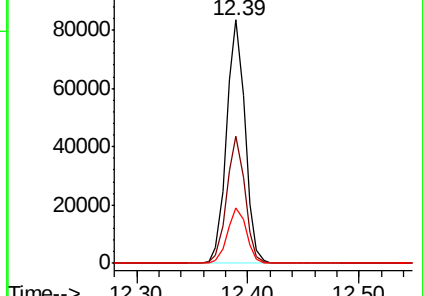
134 23.3 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005709.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005709.D (-1836) (-)



#90

Hexachloroethane

Concen: 18.099 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005747.D

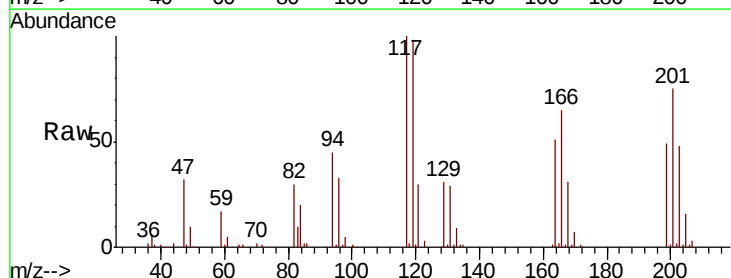
Acq: 02 Nov 2018 11:08

Tgt Ion: 117 Resp: 16778

Ion Ratio Lower Upper

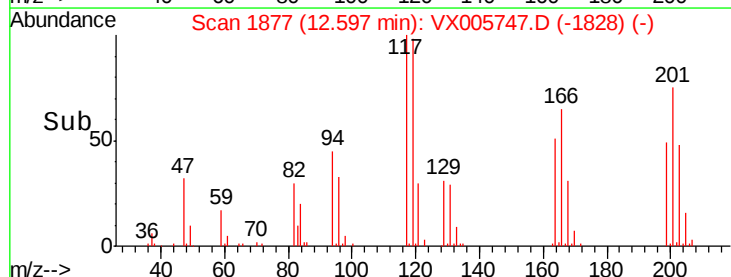
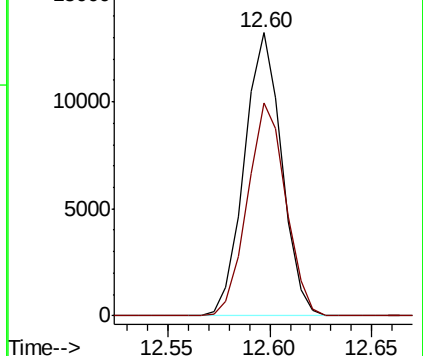
117 100

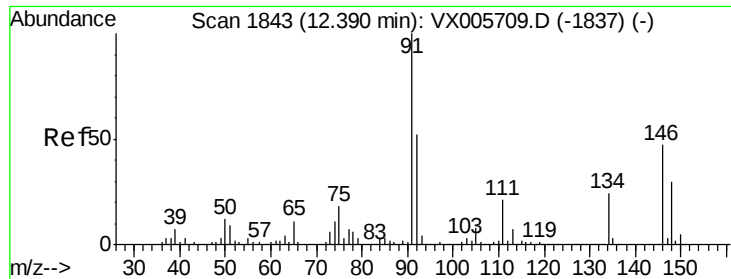
201 77.2 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): VX005709.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005709.D (-1870) (-)

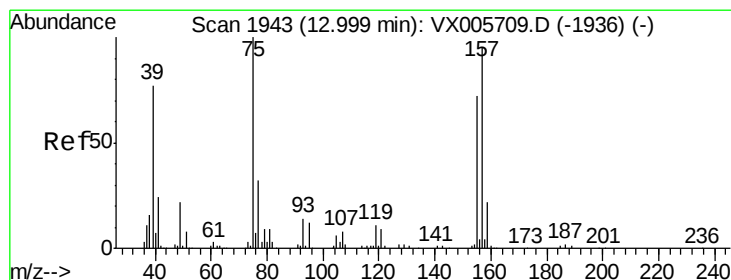
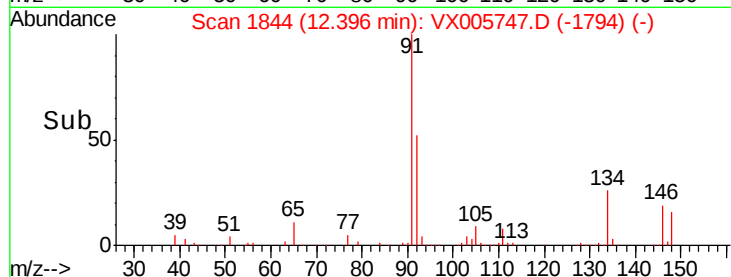
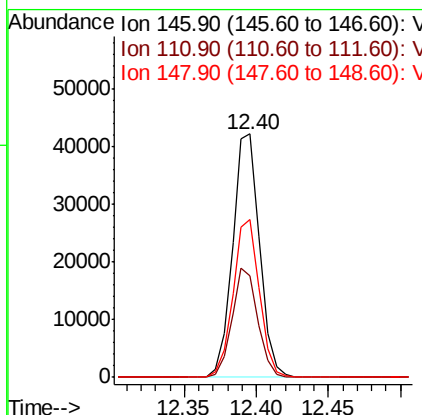
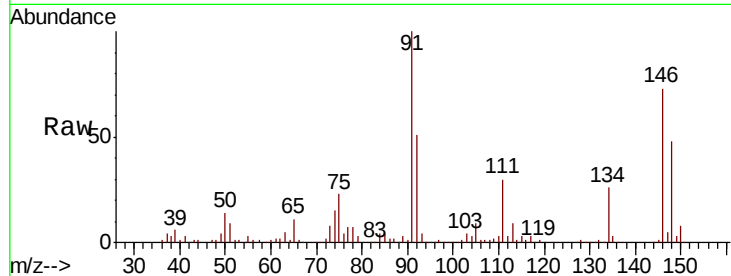




#91
 1,2-Dichlorobenzene
 Concen: 18.619 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

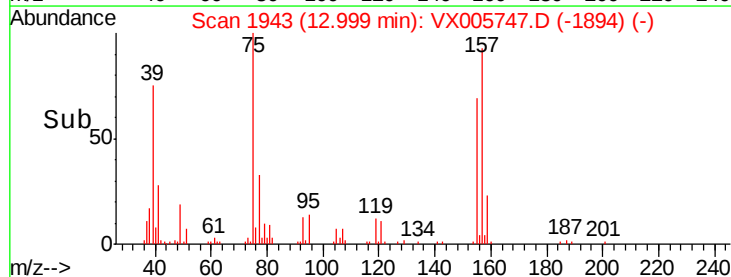
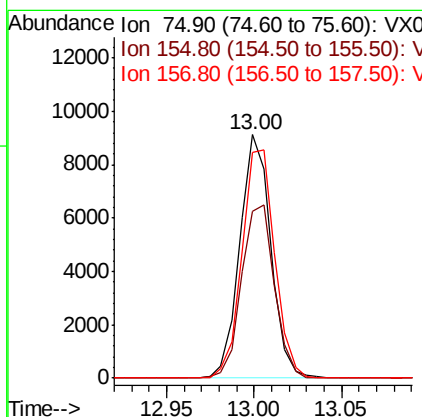
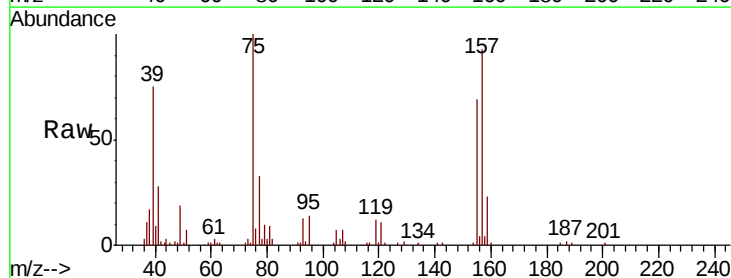
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

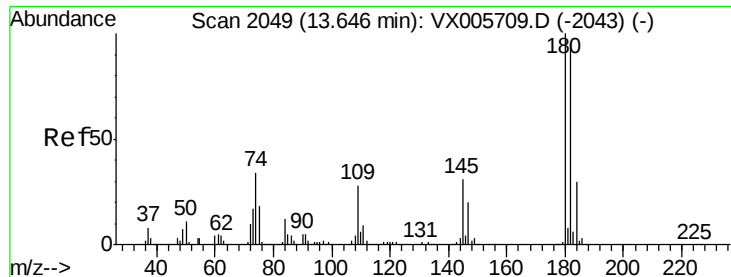
Tot Ion:146 Resp: 55158
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.0 59.9
 148 63.7 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.544 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion: 75 Resp: 11243
 Ion Ratio Lower Upper
 75 100
 155 75.0 45.4 136.1
 157 99.0 57.4 172.0

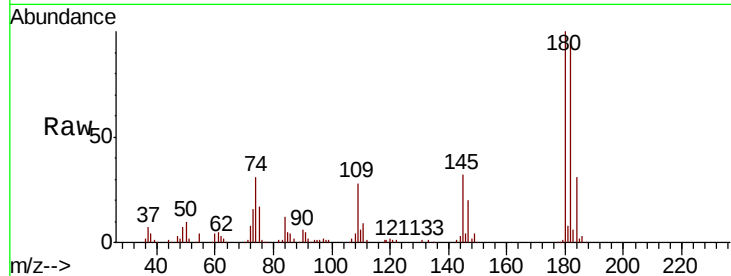




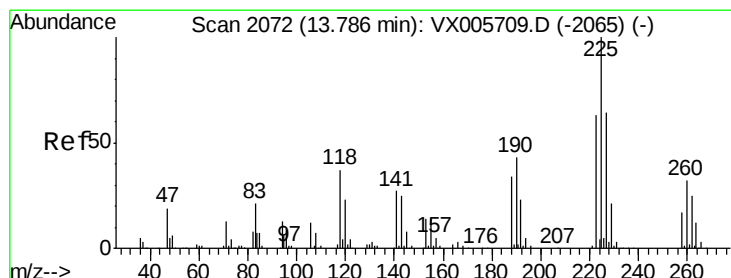
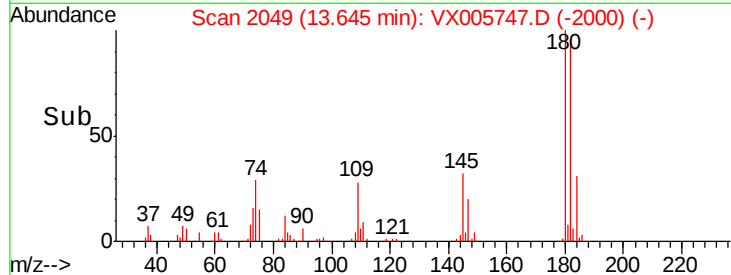
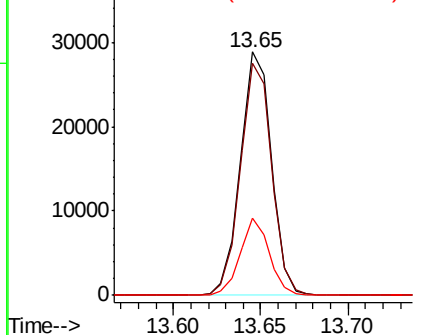
#93
 1,2,4-Trichlorobenzene
 Concen: 18.815 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

Tot Ion:180 Resp: 35749
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.6 142.8
 145 29.4 14.1 42.2

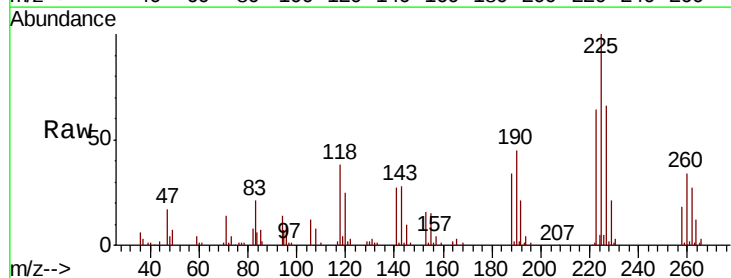


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

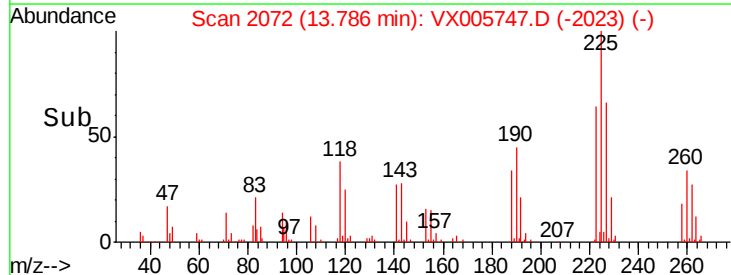
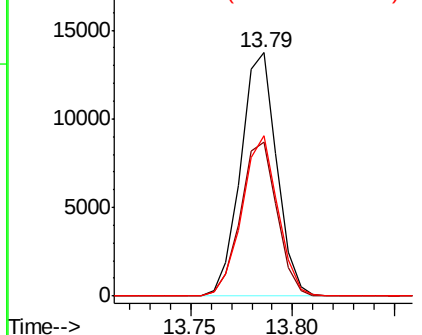


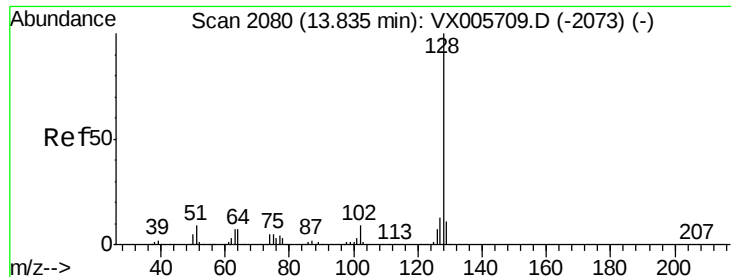
#94
 Hexachlorobutadiene
 Concen: 18.357 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion:225 Resp: 16873
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.7 95.1
 227 65.3 32.3 96.9



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





#95

Naphthalene

Concen: 19.634 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

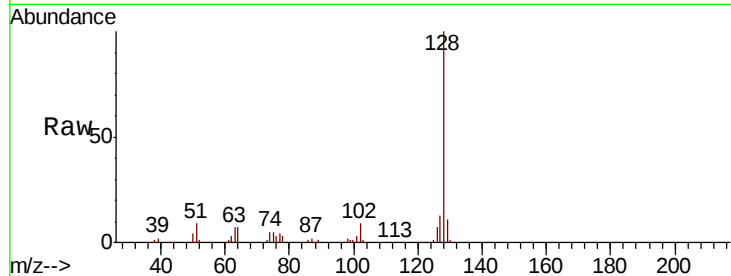
Tot Ion:128 Resp: 122683

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

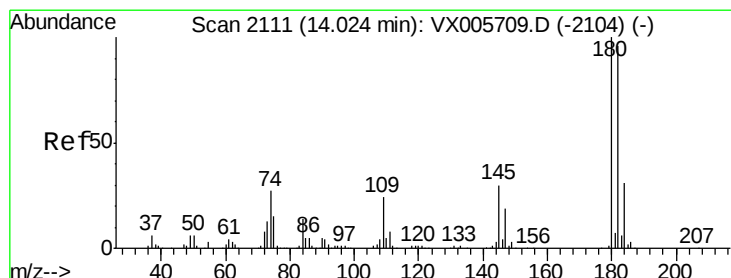
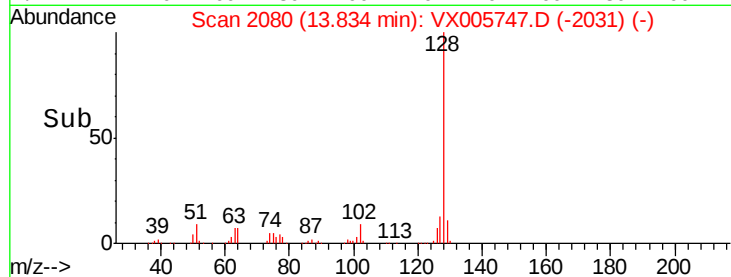
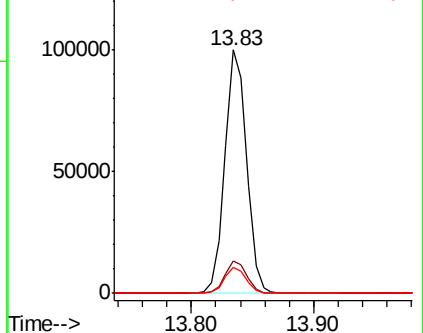
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.758 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

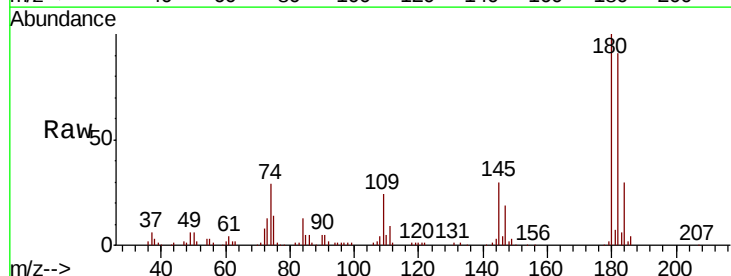
Tgt Ion:180 Resp: 38218

Ion Ratio Lower Upper

180 100

182 93.9 48.0 144.2

145 31.0 15.1 45.3



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

