

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004075.D
 Acq On : 15 Aug 2018 16:27
 Operator : JC/MD
 Sample : VX0815WBS01
 Misc : 5.00mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Quant Time: Aug 16 05:50:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	451402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	426421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	220188	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.51	113	177072	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	8.72	98	696809	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.14	95	251235	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60162	19.97	ug/l	98
3) Chloromethane	1.32	50	72612	19.64	ug/l	99
4) Vinyl Chloride	1.40	62	79770	19.94	ug/l	98
5) Bromomethane	1.64	94	44529	21.87	ug/l	97
6) Chloroethane	1.73	64	55976	20.21	ug/l	100
7) Trichlorofluoromethane	1.93	101	108691	19.37	ug/l	98
8) Diethyl Ether	2.18	74	47630	19.44	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66228	18.92	ug/l	99
10) Methyl Iodide	2.51	142	66315	20.97	ug/l	98
11) Tert butyl alcohol	3.04	59	91395	104.08	ug/l	99
12) 1,1-Dichloroethene	2.37	96	63144	19.39	ug/l	99
13) Acrolein	2.29	56	51752	94.01	ug/l	100
14) Allyl chloride	2.73	41	121601	19.63	ug/l	97
15) Acrylonitrile	3.14	53	220862	100.88	ug/l	99
16) Acetone	2.44	43	239693	105.72	ug/l	99
17) Carbon Disulfide	2.57	76	166752	18.06	ug/l	99
18) Methyl Acetate	2.77	43	102871	20.42	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	225244	19.64	ug/l	98
20) Methylene Chloride	2.86	84	76292	20.23	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	70553	19.08	ug/l	99
22) Diisopropyl ether	3.87	45	237924	19.60	ug/l	96
23) Vinyl Acetate	3.82	43	1005642	100.86	ug/l	99
24) 1,1-Dichloroethane	3.70	63	133781	19.46	ug/l	100
25) 2-Butanone	4.70	43	380681	103.20	ug/l	97
26) 2,2-Dichloropropane	4.59	77	105045	19.22	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	79936	19.22	ug/l	96
28) Bromochloromethane	5.02	49	64024	20.30	ug/l	93
29) Tetrahydrofuran	5.16	42	188557	100.05	ug/l	97
30) Chloroform	5.21	83	130201	19.40	ug/l	98
31) Cyclohexane	5.57	56	113194	18.78	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	110475	19.70	ug/l	99
36) 1,1-Dichloropropene	5.80	75	98996	19.27	ug/l	99
37) Ethyl Acetate	4.85	43	112678	20.14	ug/l	99
38) Carbon Tetrachloride	5.79	117	94457	18.93	ug/l	97

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 Misc : 5.00mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Quant Time: Aug 16 05:50:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110557	18.97	ug/l	99
40) Benzene	6.15	78	307844	19.96	ug/l	99
41) Methacrylonitrile	5.06	41	61132	19.51	ug/l	98
42) 1,2-Dichloroethane	6.20	62	106619	19.75	ug/l	100
43) Isopropyl Acetate	6.46	43	162926	19.76	ug/l	99
44) Trichloroethene	7.21	130	80481	19.22	ug/l	96
45) 1,2-Dichloropropane	7.52	63	77367	19.59	ug/l	100
46) Dibromomethane	7.67	93	50984	19.76	ug/l	98
47) Bromodichloromethane	7.90	83	93898	19.21	ug/l	99
48) Methyl methacrylate	7.78	41	83827	20.20	ug/l	99
49) 1,4-Dioxane	7.76	88	38120	407.94	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	715454	105.83	ug/l	99
52) Toluene	8.79	92	196361	20.13	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	103113	19.53	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	115419	19.74	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	78920	19.59	ug/l	99
56) Ethyl methacrylate	9.18	69	107499	19.62	ug/l	99
57) 1,3-Dichloropropane	9.37	76	133844	20.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	295567	105.96	ug/l	99
59) 2-Hexanone	9.50	43	544332	106.98	ug/l	99
60) Dibromochloromethane	9.59	129	73704	19.01	ug/l	99
61) 1,2-Dibromoethane	9.68	107	81693	19.89	ug/l	99
64) Tetrachloroethene	9.34	164	79144	19.58	ug/l	95
65) Chlorobenzene	10.14	112	216404	19.65	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	73739	19.63	ug/l	98
67) Ethyl Benzene	10.26	91	355005	20.35	ug/l	99
68) m/p-Xylenes	10.36	106	281203	41.17	ug/l	97
69) o-Xylene	10.70	106	132046	20.23	ug/l	94
70) Styrene	10.71	104	225647	20.54	ug/l	97
71) Bromoform	10.86	173	54360	18.25	ug/l #	99
73) Isopropylbenzene	11.02	105	356510	20.48	ug/l	97
74) N-amyl acetate	6.46	43	162926	19.90	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	122024	20.07	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	135749	26.32	ug/l	85
77) Bromobenzene	11.26	156	96354	20.08	ug/l	99
78) n-propylbenzene	11.36	91	414323	21.27	ug/l	100
79) 2-Chlorotoluene	11.42	91	249670	21.03	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	299575	21.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	30624	18.38	ug/l	92
82) 4-Chlorotoluene	11.51	91	294328	20.97	ug/l	100
83) tert-Butylbenzene	11.77	119	289010	20.11	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	313089	21.21	ug/l	100
85) sec-Butylbenzene	11.94	105	353177	21.00	ug/l	99
86) p-Isopropyltoluene	12.07	119	306975	20.16	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	177316	19.37	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	173373	18.41	ug/l	98
89) n-Butylbenzene	12.39	91	237532	19.80	ug/l	97
90) Hexachloroethane	12.60	117	42200	18.52	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	155721	18.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20516	19.20	ug/l	98

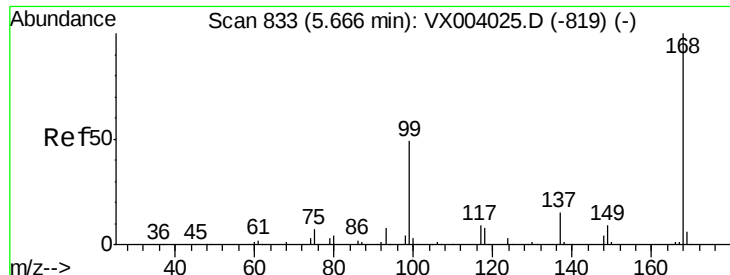
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081518\
Data File : VX004075.D
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Quant Time: Aug 16 05:50:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110594	19.60	ug/l	99
94) Hexachlorobutadiene	13.79	225	53476	18.91	ug/l	97
95) Naphthalene	13.83	128	368689	21.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125875	20.46	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

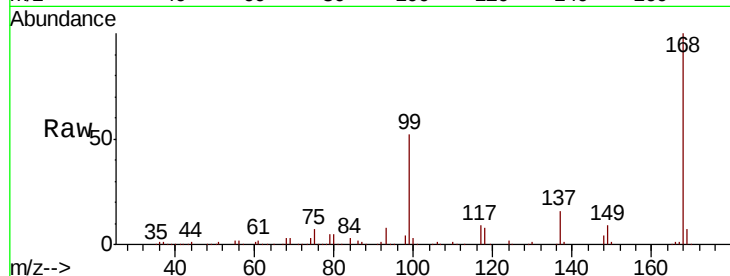
VX0815WBS01

Tot Ion:168 Resp: 309491

Ion Ratio Lower Upper

168 100

99 51.6 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

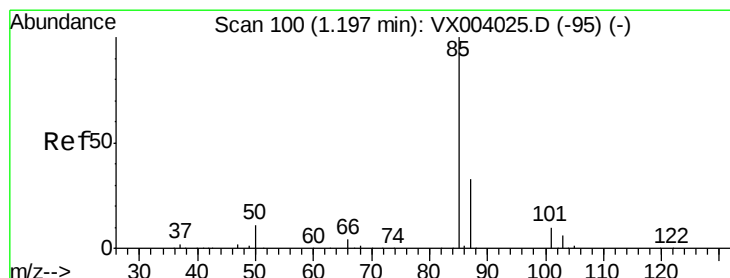
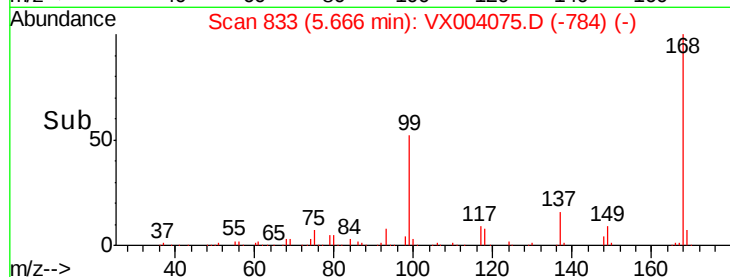
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.97 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004075.D

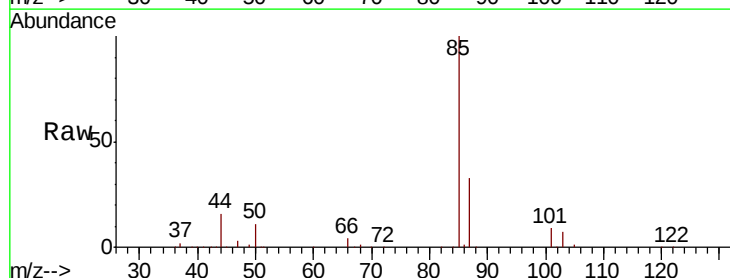
Acq: 15 Aug 2018 16:27

Tgt Ion: 85 Resp: 60162

Ion Ratio Lower Upper

85 100

87 33.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

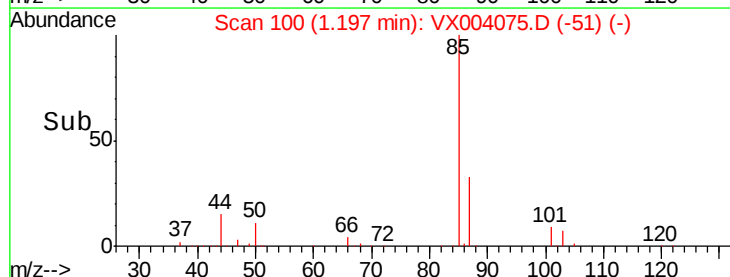
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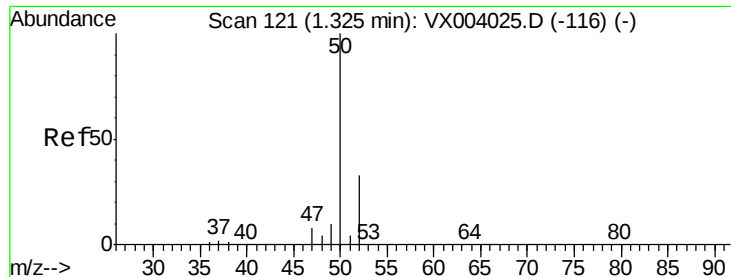
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.64 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

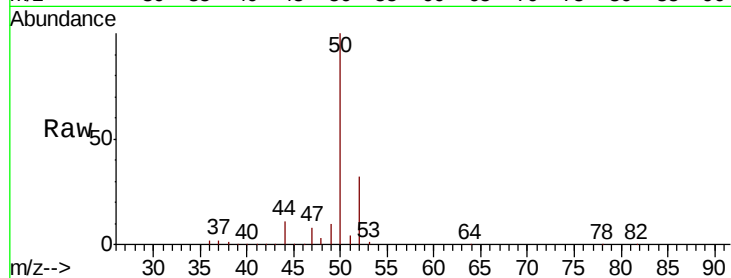
VX0815WBS01

Tot Ion: 50 Resp: 72612

Ion Ratio Lower Upper

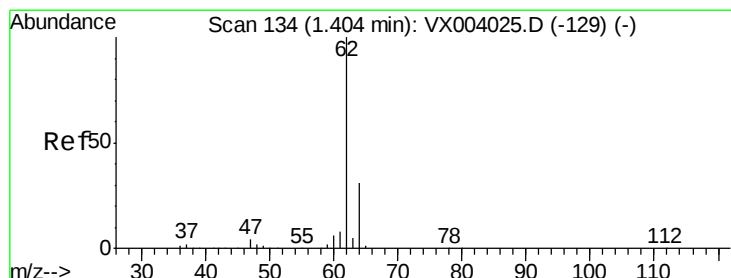
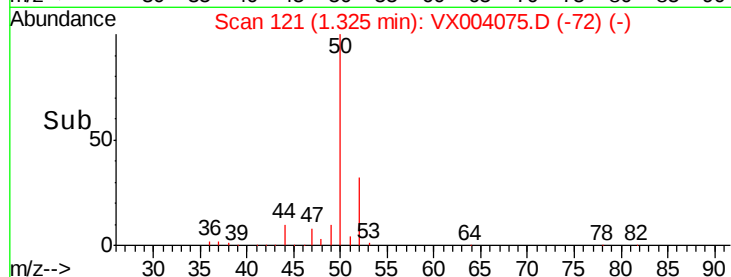
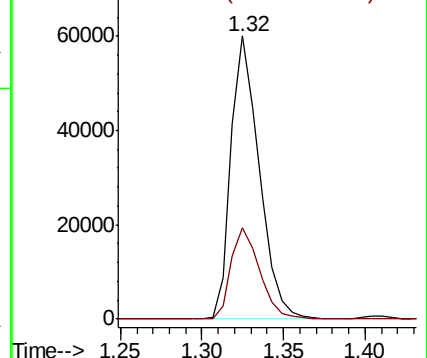
50 100

52 32.5 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.94 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004075.D

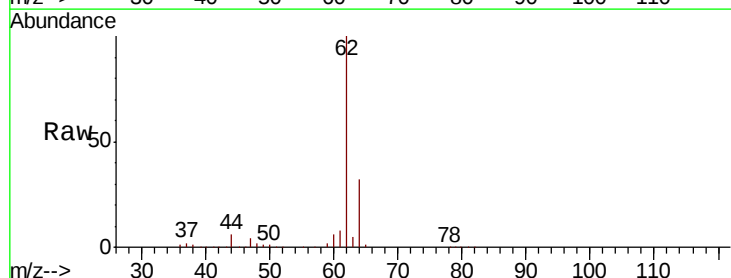
Acq: 15 Aug 2018 16:27

Tgt Ion: 62 Resp: 79770

Ion Ratio Lower Upper

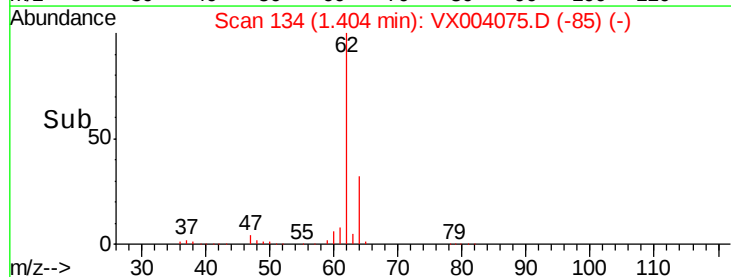
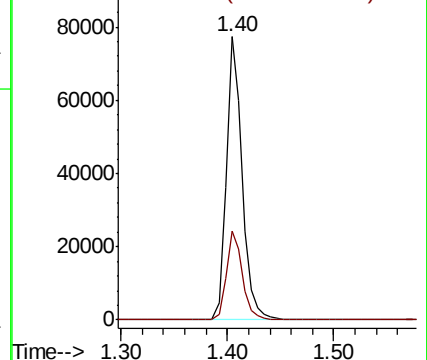
62 100

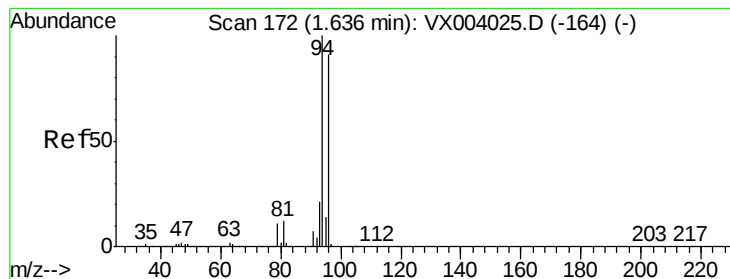
64 31.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.87 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

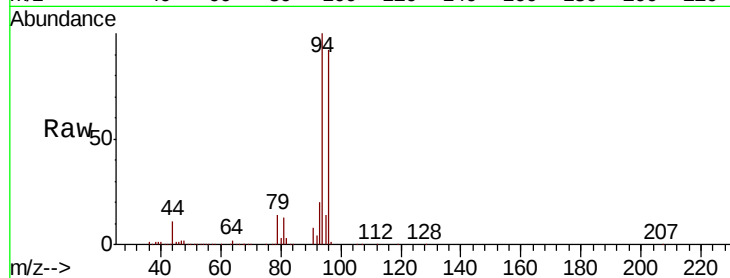
VX0815WBS01

Tot Ion: 94 Resp: 44529

Ion Ratio Lower Upper

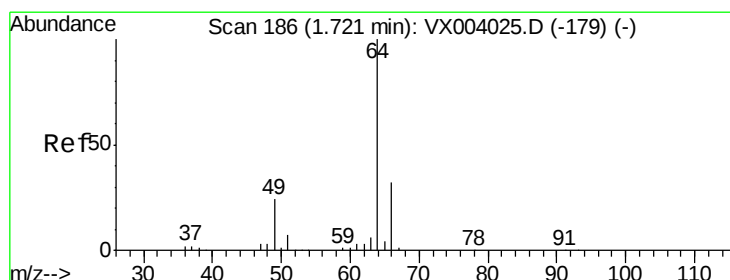
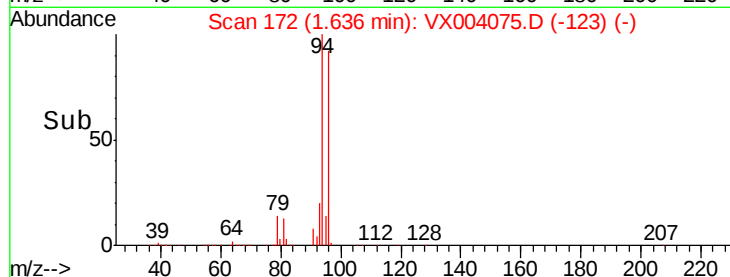
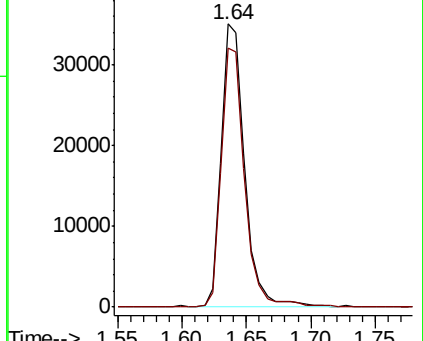
94 100

96 91.6 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: 20.21 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004075.D

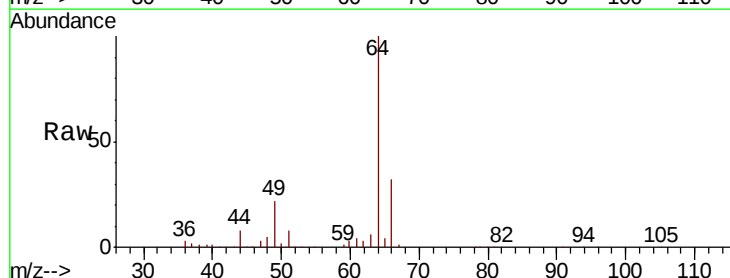
Acq: 15 Aug 2018 16:27

Tgt Ion: 64 Resp: 55976

Ion Ratio Lower Upper

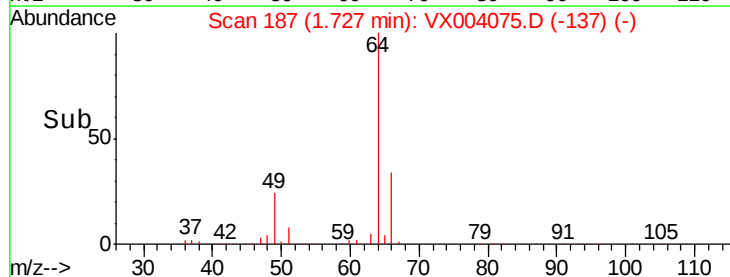
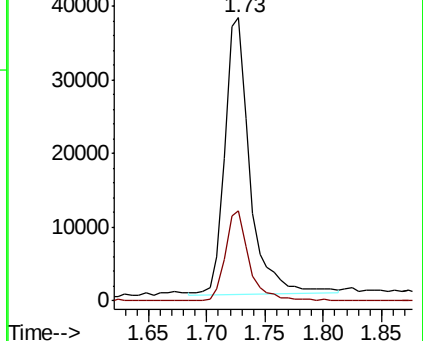
64 100

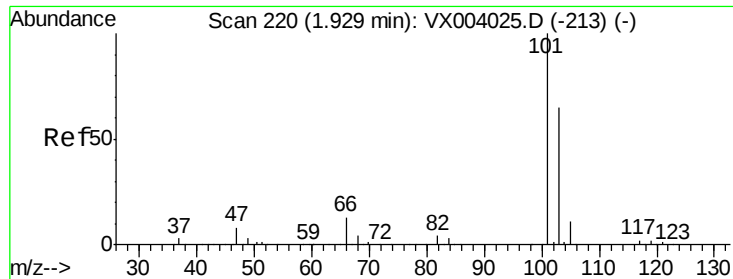
66 32.9 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



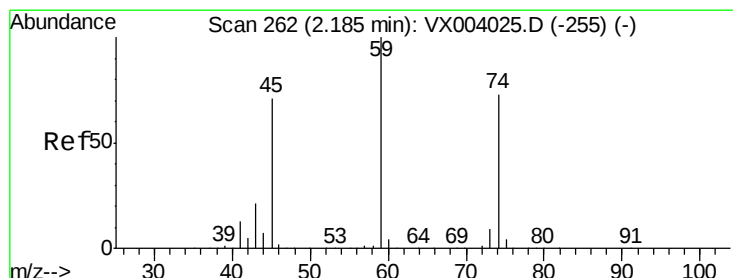
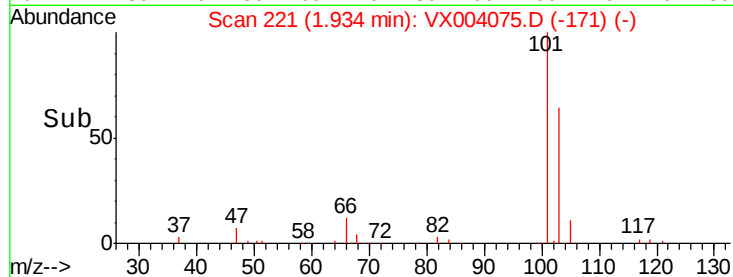
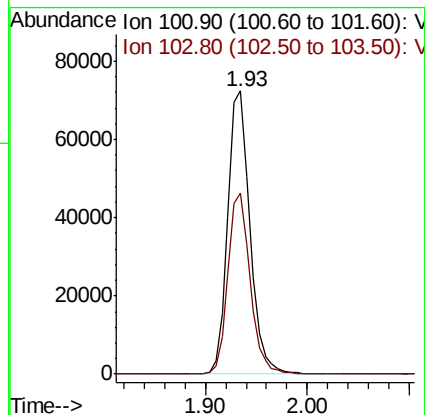
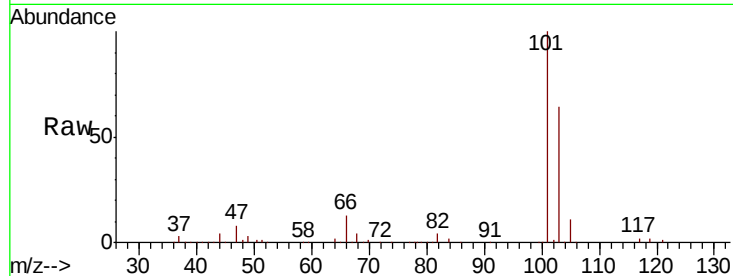


#7

Trichlorofluoromethane
 Concen: 19.37 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

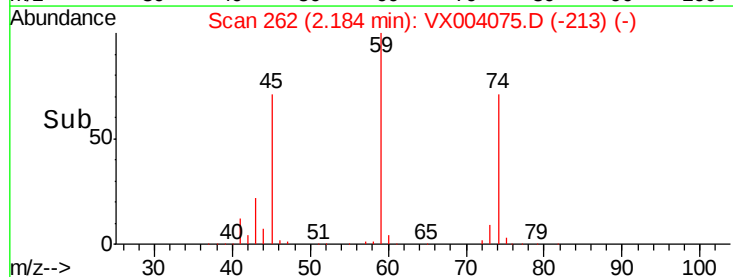
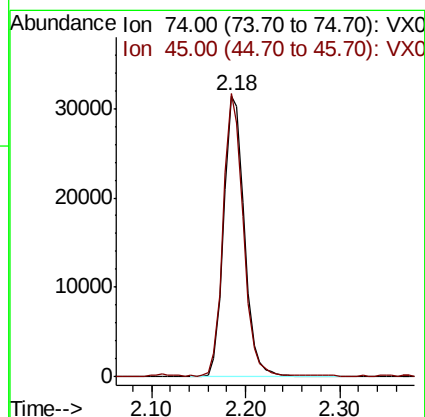
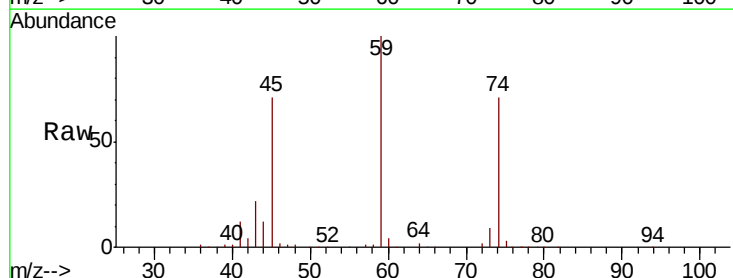
Tot Ion:101 Resp: 108691
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.3 78.5

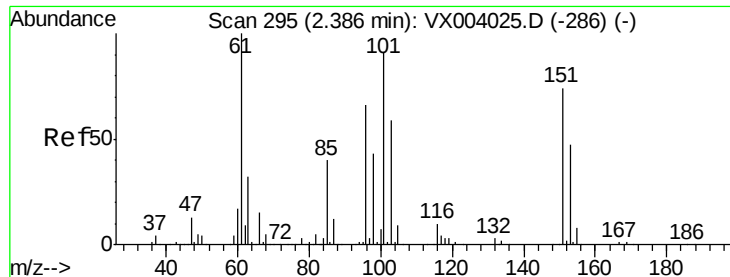


#8

Diethyl Ether
 Concen: 19.44 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion: 74 Resp: 47630
 Ion Ratio Lower Upper
 74 100
 45 97.5 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.92 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

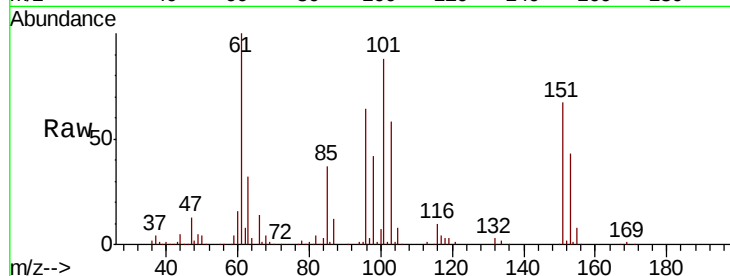
Tot Ion:101 Resp: 66228

Ion Ratio Lower Upper

101 100

85 44.2 34.2 51.4

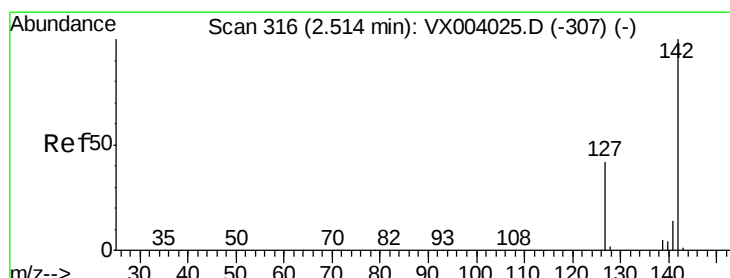
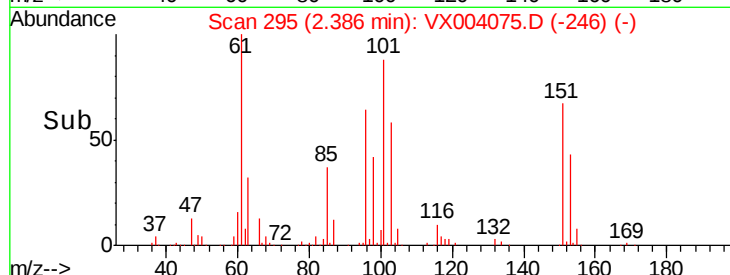
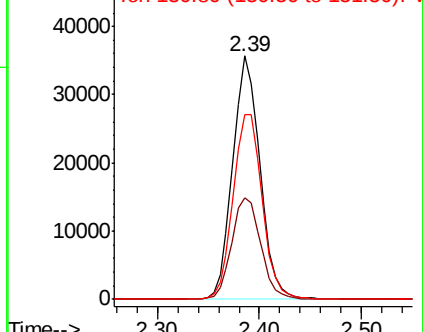
151 80.8 65.0 97.4



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: 20.97 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

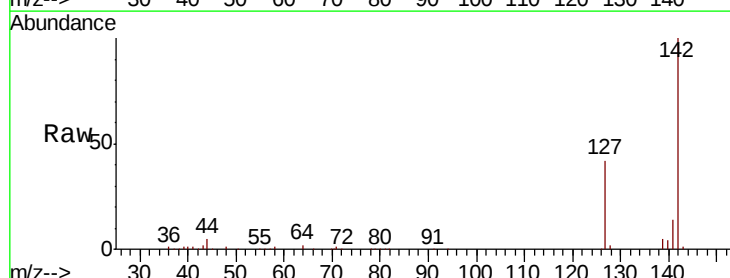
Tgt Ion:142 Resp: 66315

Ion Ratio Lower Upper

142 100

127 42.6 33.1 49.7

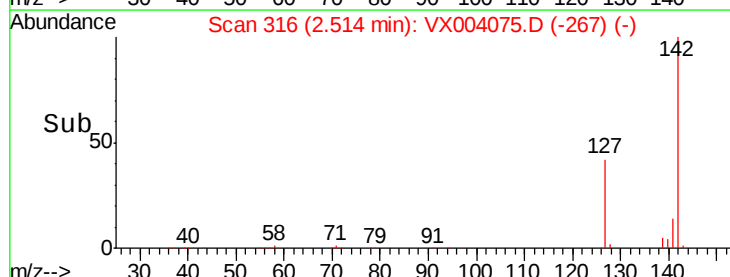
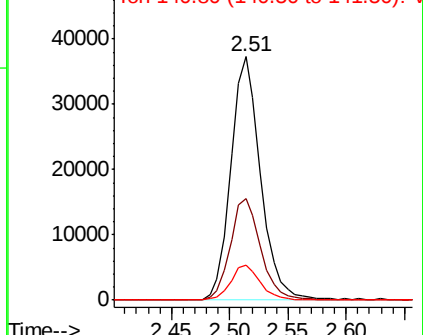
141 14.4 11.1 16.7

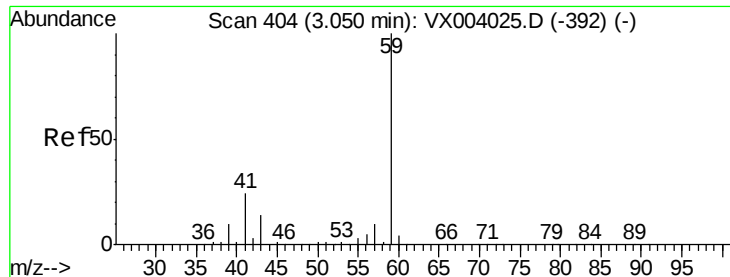


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



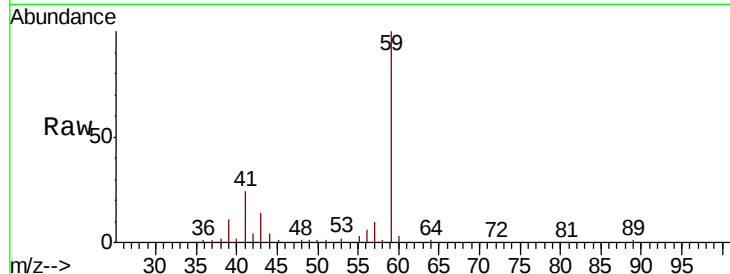


#11

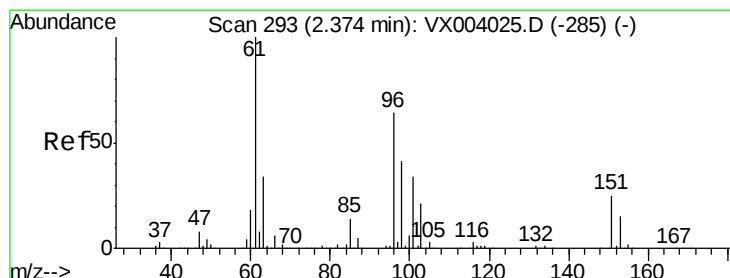
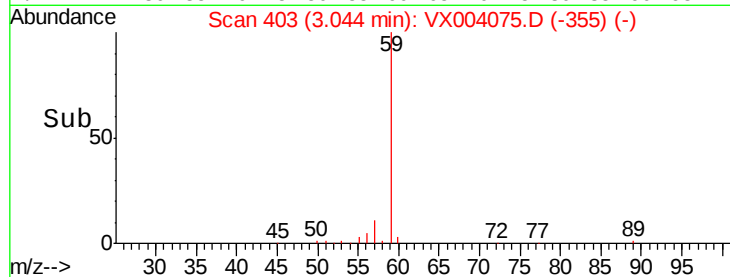
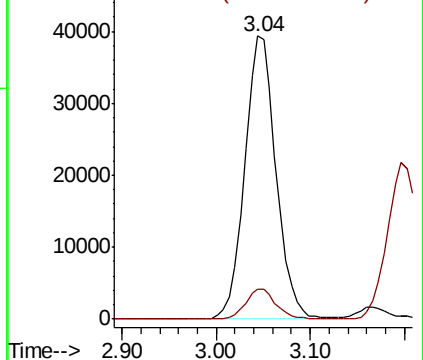
Tert butyl alcohol
 Concen: 104.08 ug/l
 RT: 3.04 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion: 59 Resp: 91395
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.1 12.1



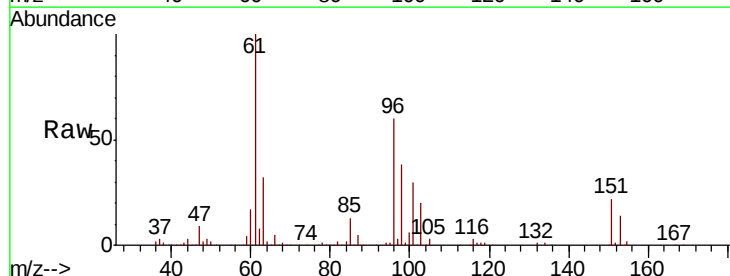
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



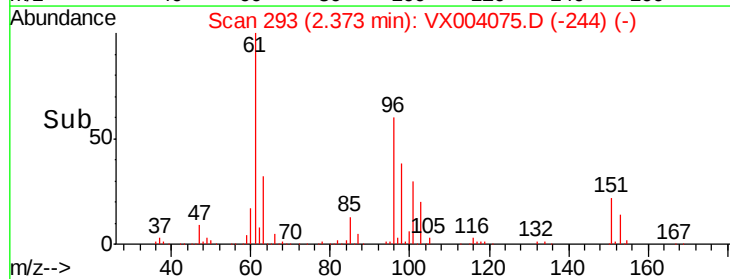
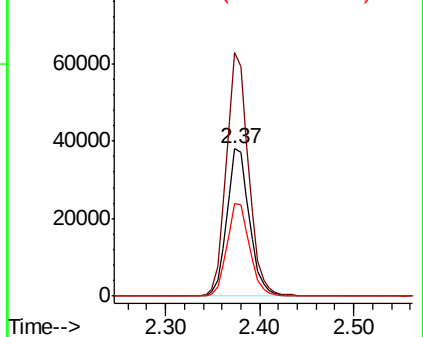
#12

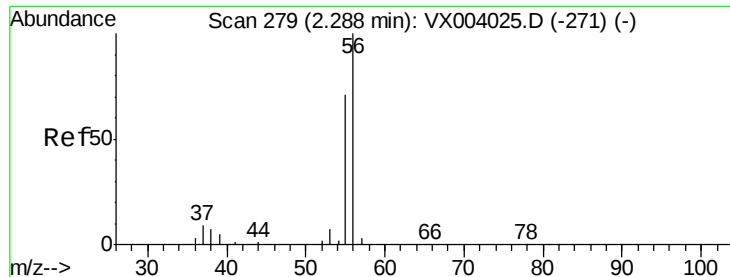
1,1-Dichloroethene
 Concen: 19.39 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion: 96 Resp: 63144
 Ion Ratio Lower Upper
 96 100
 61 165.5 131.3 196.9
 98 62.8 51.8 77.6



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





#13

Acrolein

Concen: 94.01 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

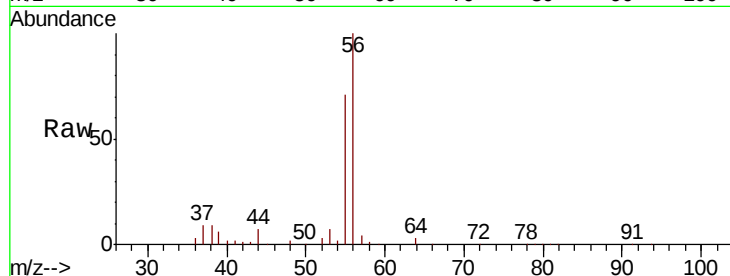
VX0815WBS01

Tot Ion: 56 Resp: 51752

Ion Ratio Lower Upper

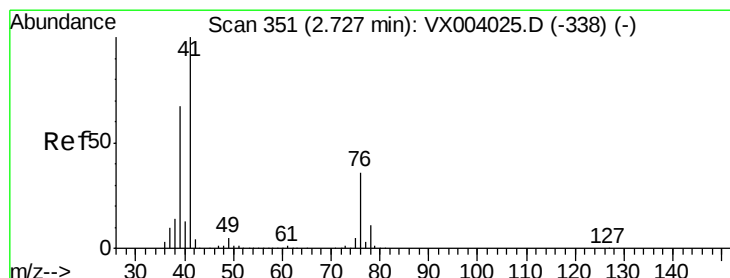
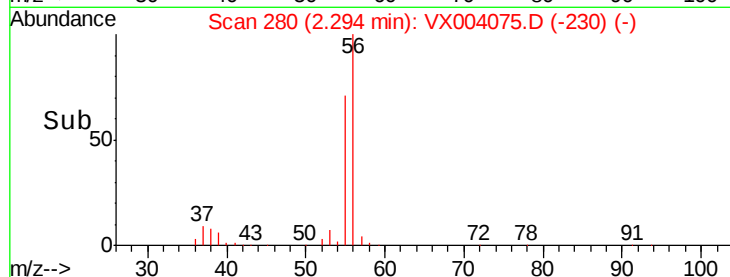
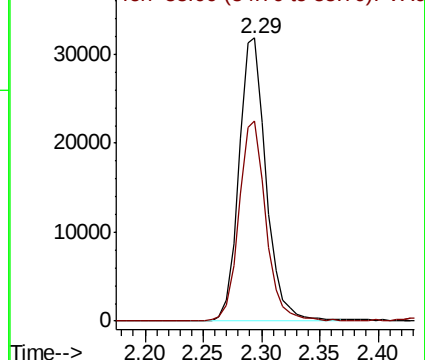
56 100

55 70.2 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.63 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

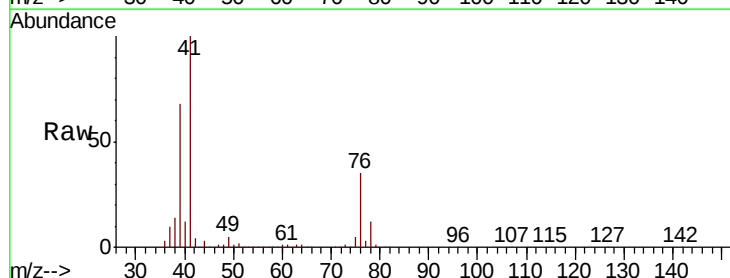
Tgt Ion: 41 Resp: 121601

Ion Ratio Lower Upper

41 100

39 62.0 47.4 71.0

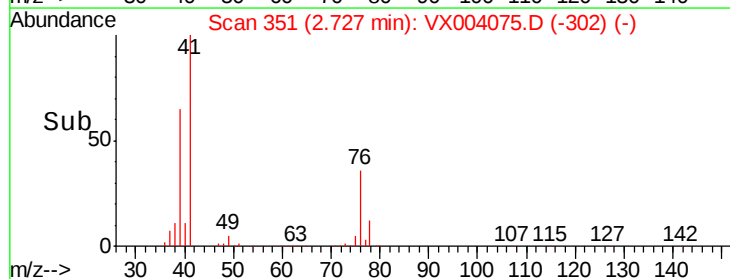
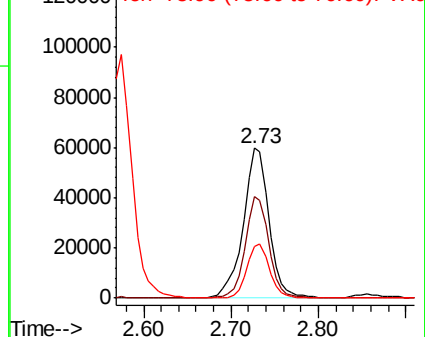
76 32.2 26.0 39.0

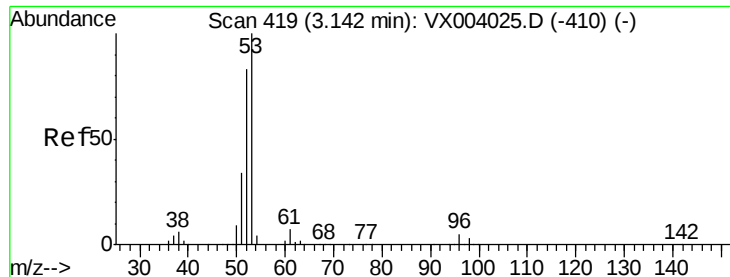


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 100.88 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

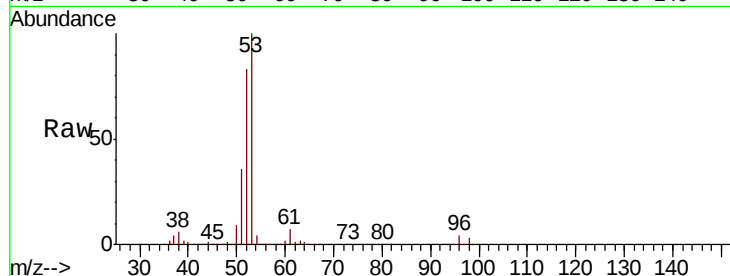
Tot Ion: 53 Resp: 220862

Ion Ratio Lower Upper

53 100

52 81.7 65.3 97.9

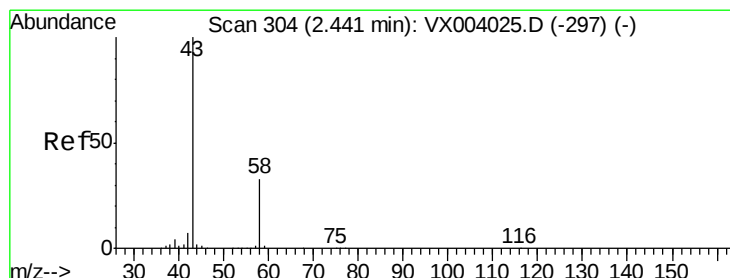
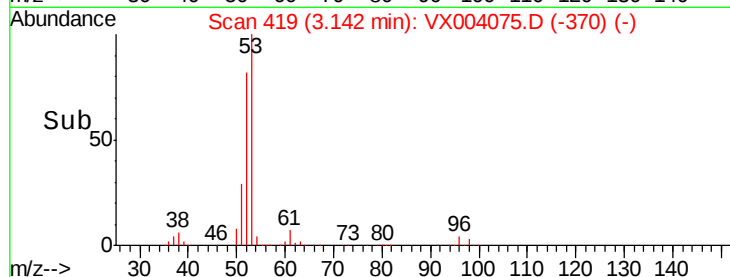
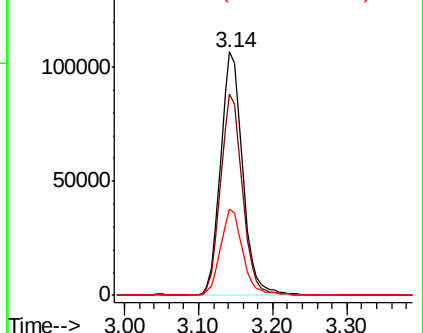
51 35.9 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 105.72 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004075.D

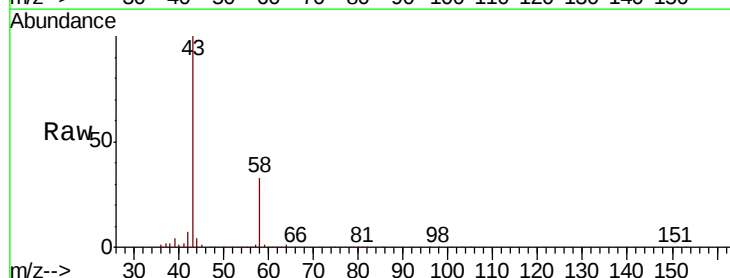
Acq: 15 Aug 2018 16:27

Tgt Ion: 43 Resp: 239693

Ion Ratio Lower Upper

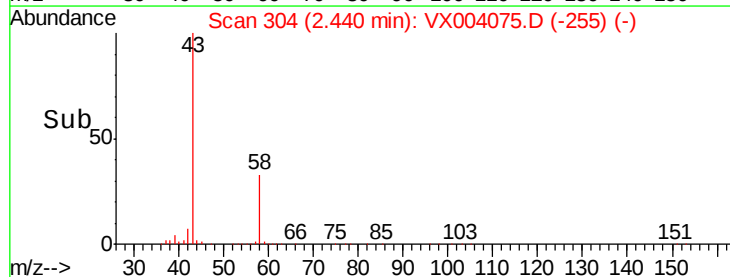
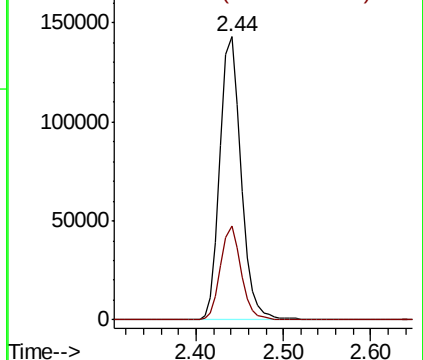
43 100

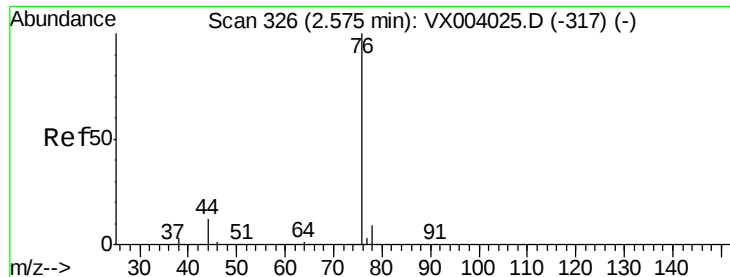
58 33.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

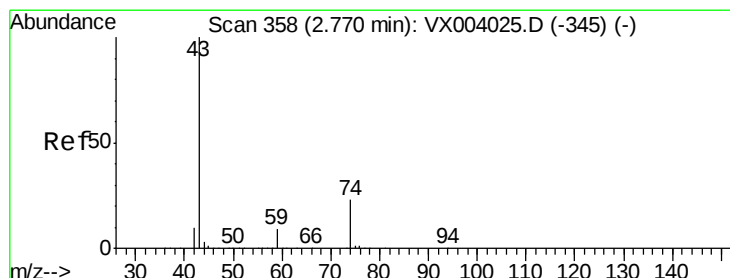
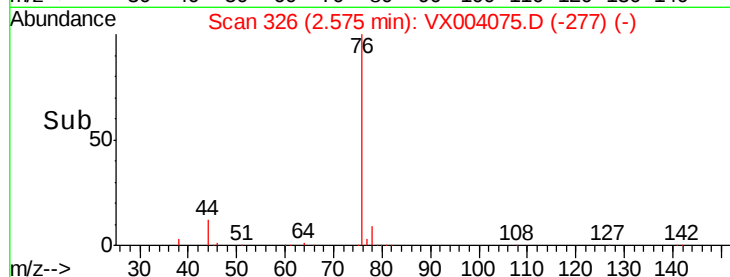
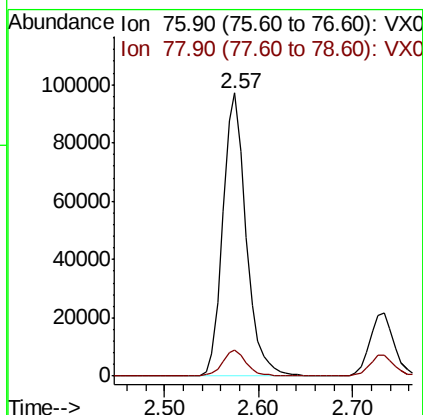
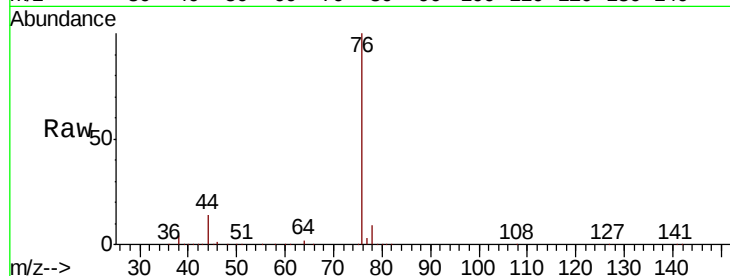




#17
Carbon Disulfide
Concen: 18.06 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

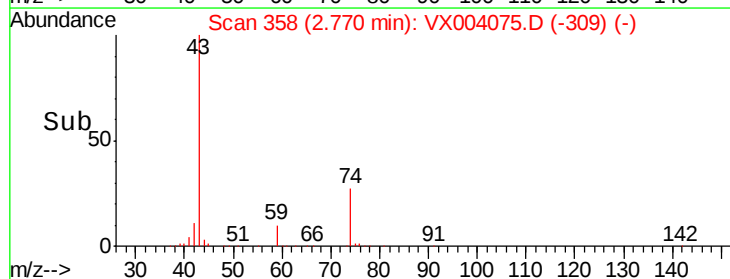
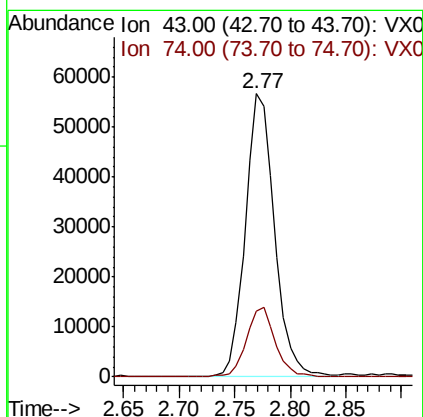
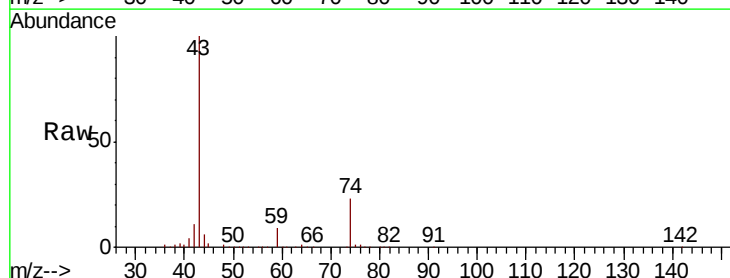
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

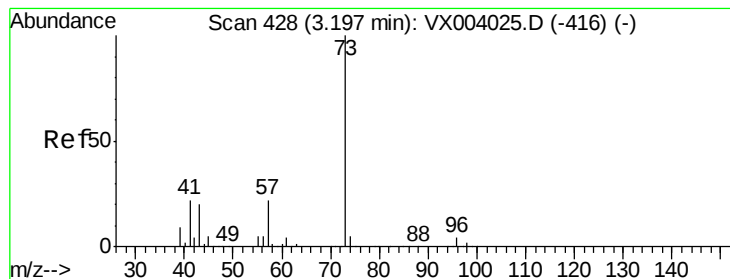
Tot Ion: 76 Resp: 166752
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 20.42 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion: 43 Resp: 102871
Ion Ratio Lower Upper
43 100
74 24.6 18.9 28.3



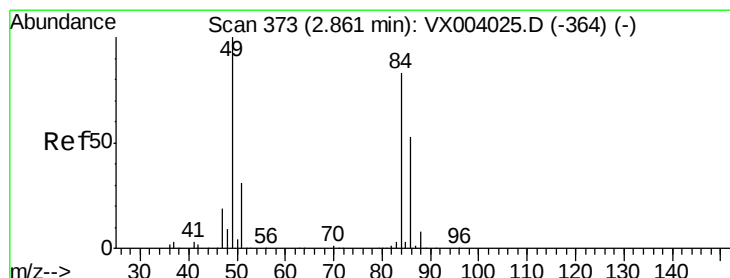
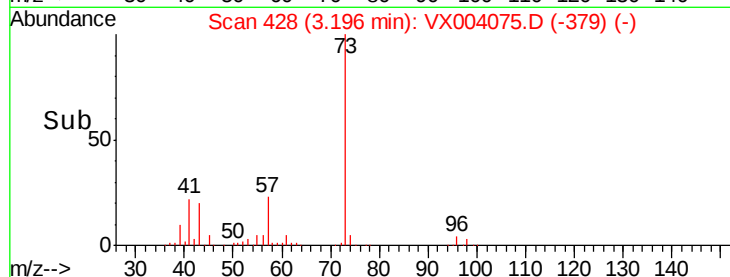
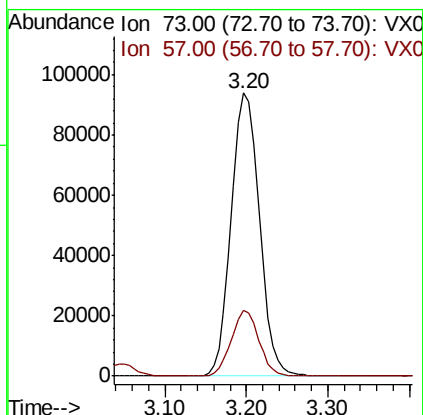
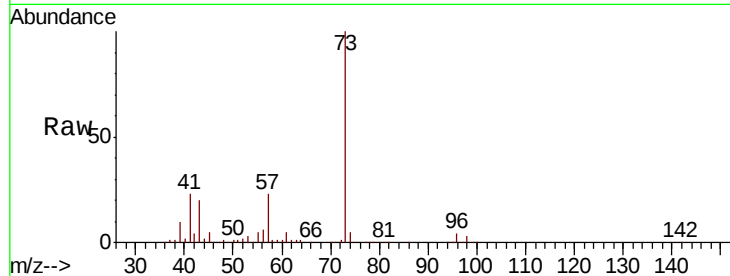


#19

Methyl tert-butyl Ether
 Concen: 19.64 ug/l
 RT: 3.20 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampled :
 VX0815WBS01

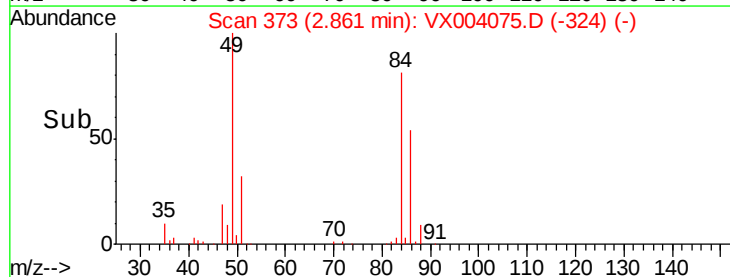
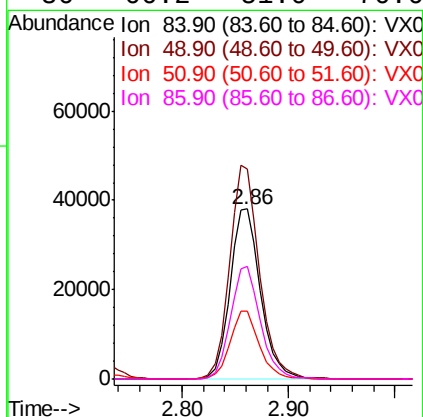
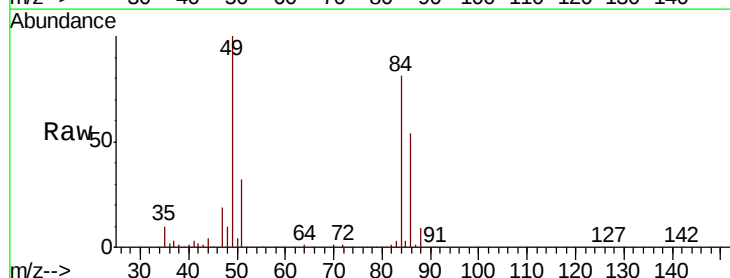
Tot Ion: 73 Resp: 225244
 Ion Ratio Lower Upper
 73 100
 57 23.3 18.0 27.0

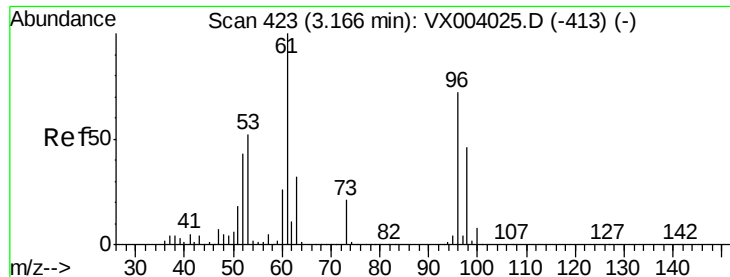


#20

Methylene Chloride
 Concen: 20.23 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion: 84 Resp: 76292
 Ion Ratio Lower Upper
 84 100
 49 123.5 98.9 148.3
 51 39.5 29.9 44.9
 86 66.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

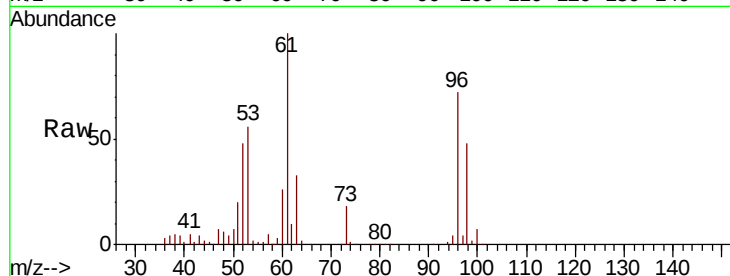
Tot Ion: 96 Resp: 70553

Ion Ratio Lower Upper

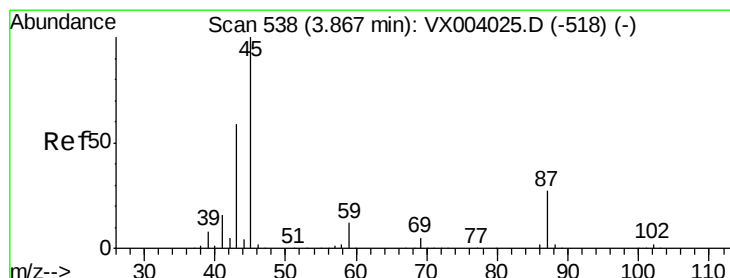
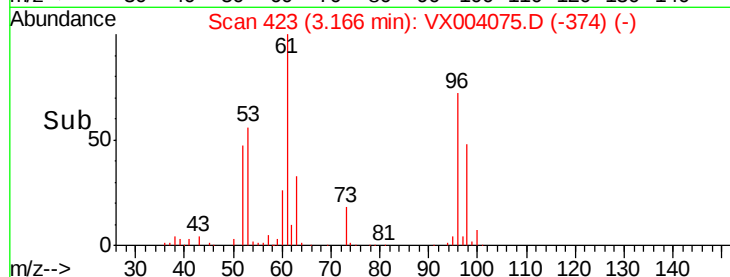
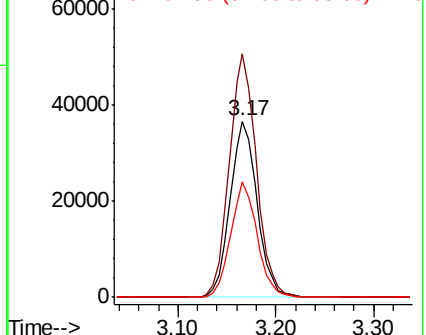
96 100

61 138.3 111.8 167.6

98 65.7 51.8 77.6



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



#22

Diisopropyl ether

Concen: 19.60 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Tgt Ion: 45 Resp: 237924

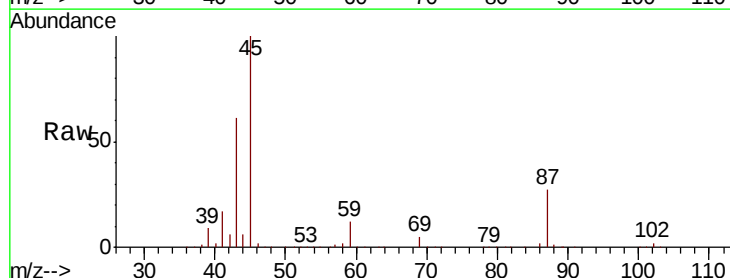
Ion Ratio Lower Upper

45 100

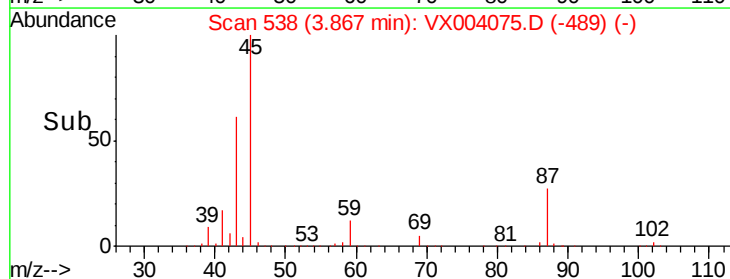
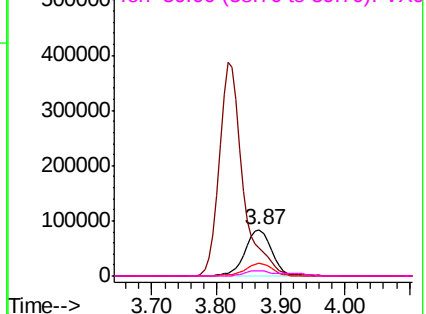
43 60.6 45.3 67.9

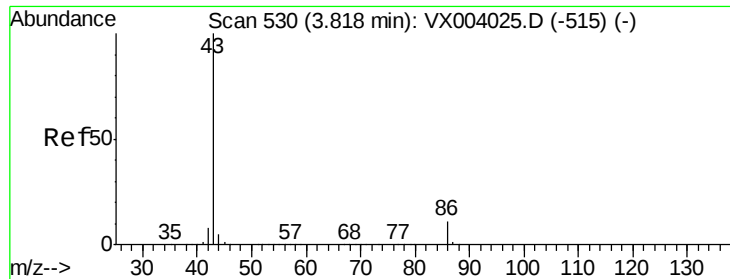
87 27.4 22.7 34.1

59 11.9 9.6 14.4



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





#23

Vinyl Acetate

Concen: 100.86 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

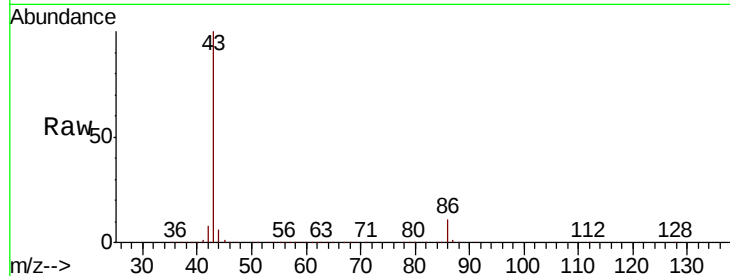
VX0815WBS01

Tot Ion: 43 Resp: 1005642

Ion Ratio Lower Upper

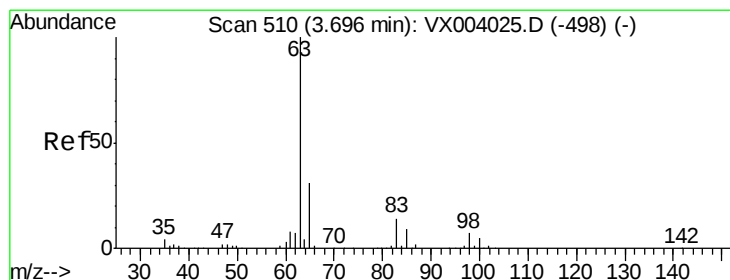
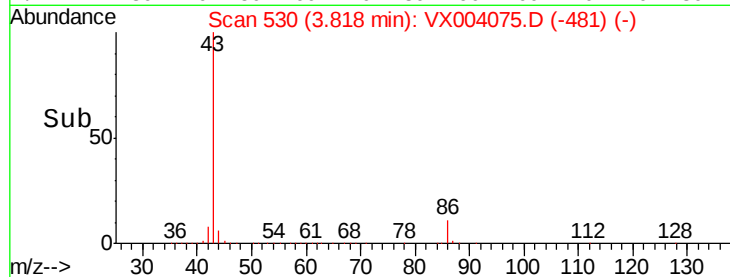
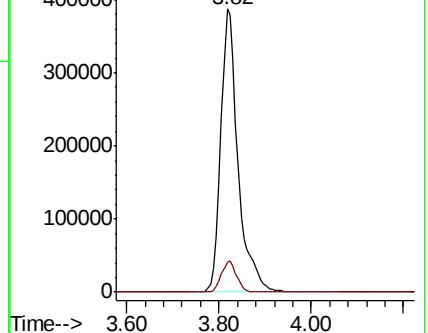
43 100

86 10.6 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.46 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

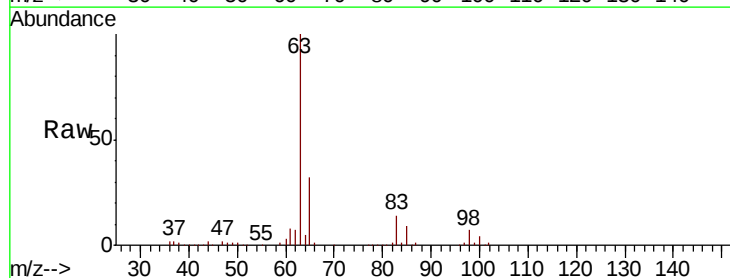
Tgt Ion: 63 Resp: 133781

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

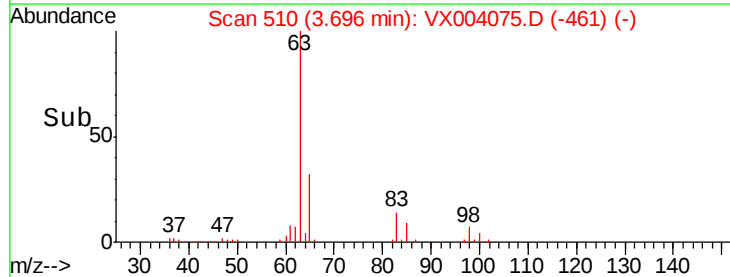
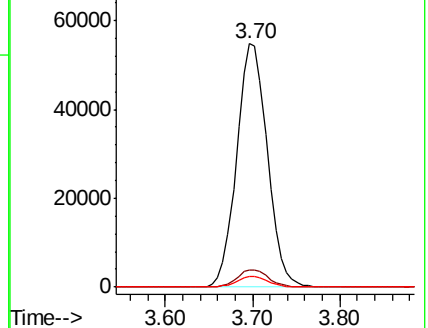
100 4.4 2.3 6.8

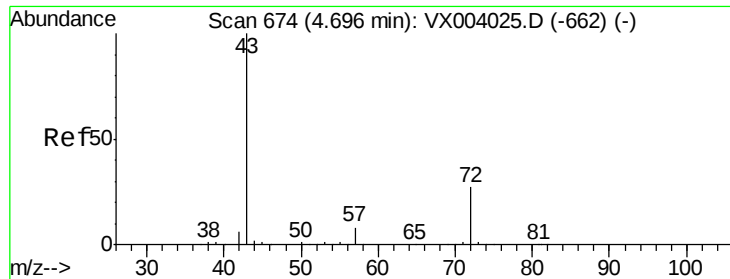


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.20 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

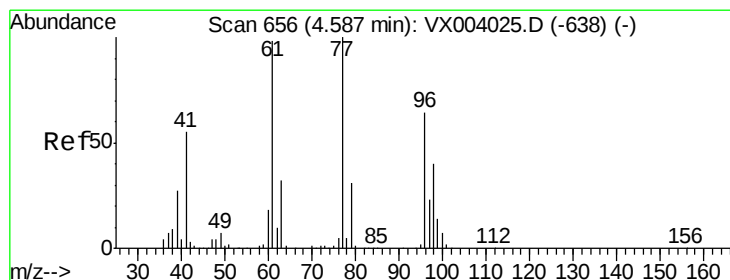
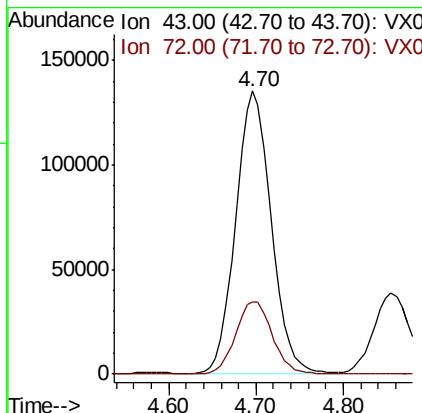
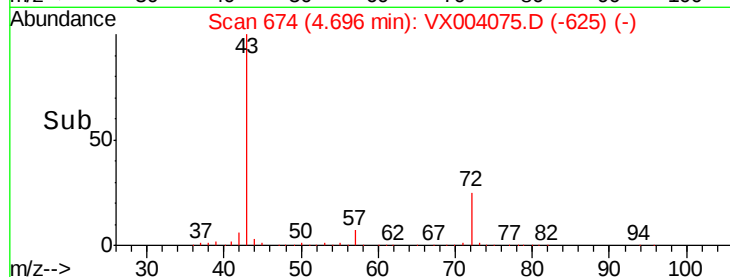
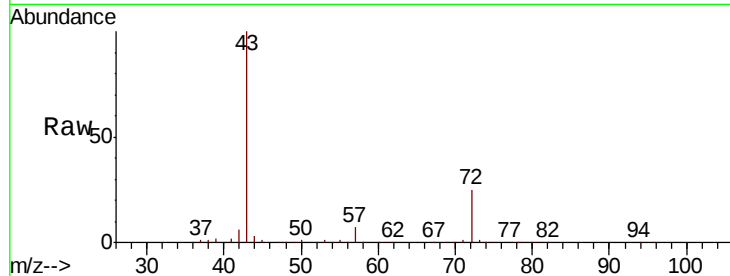
VX0815WBS01

Tot Ion: 43 Resp: 380681

Ion Ratio Lower Upper

43 100

72 25.4 21.4 32.0



#26

2,2-Dichloropropane

Concen: 19.22 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004075.D

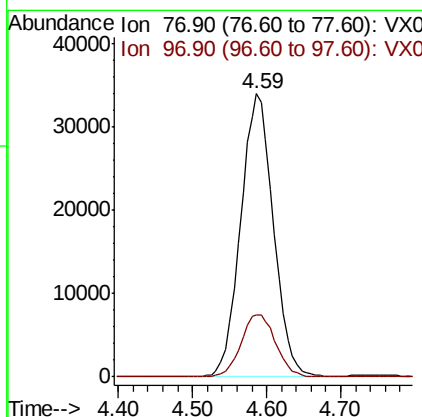
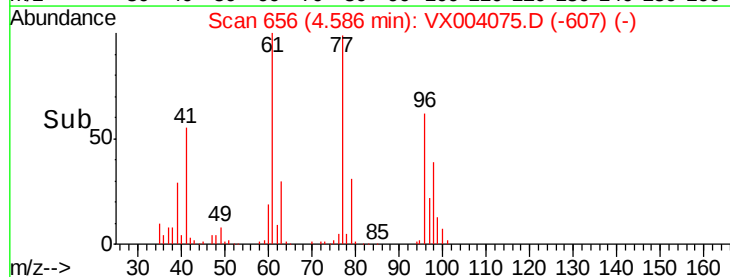
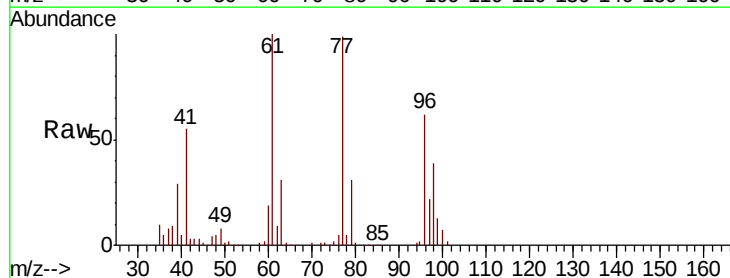
Acq: 15 Aug 2018 16:27

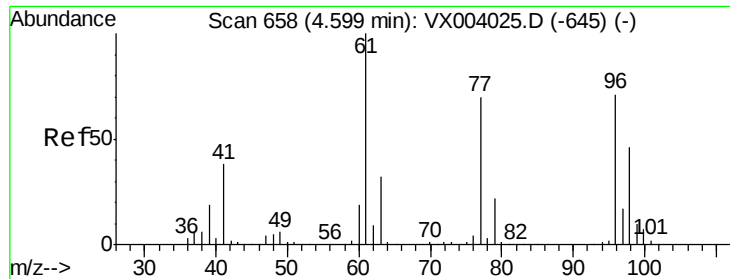
Tgt Ion: 77 Resp: 105045

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.9



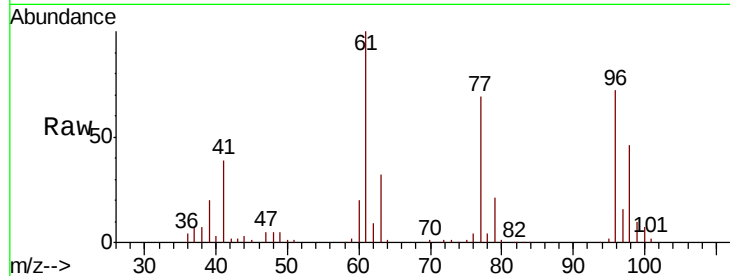


#27

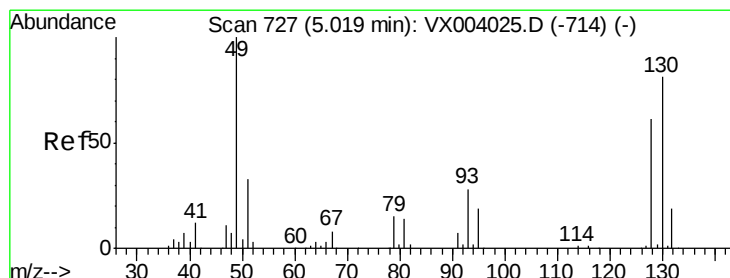
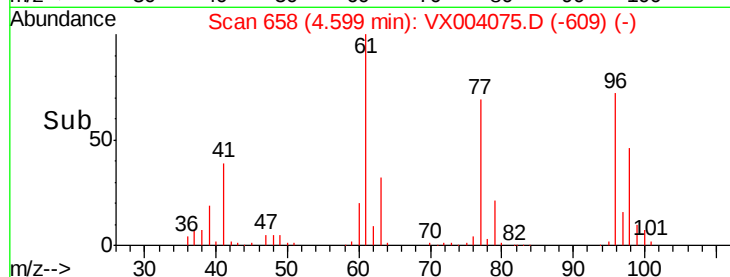
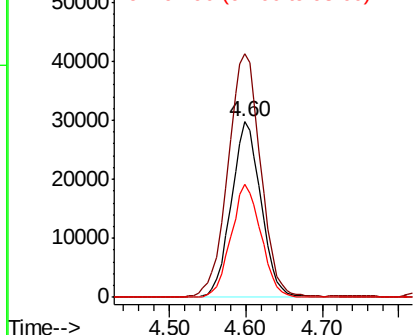
cis-1,2-Dichloroethene
 Concen: 19.22 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	293.0
98	65.0	0.0	131.8



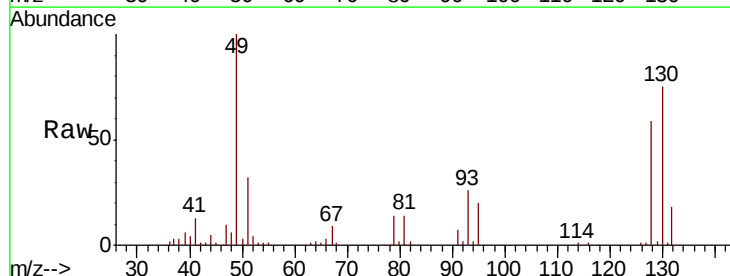
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



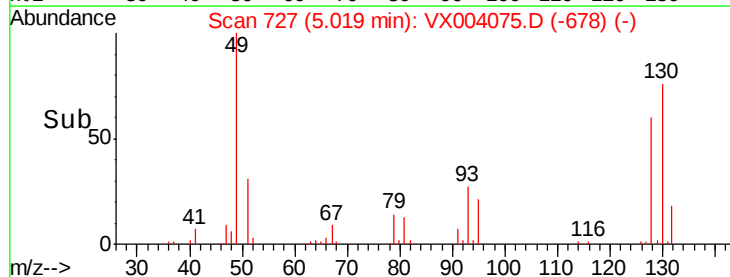
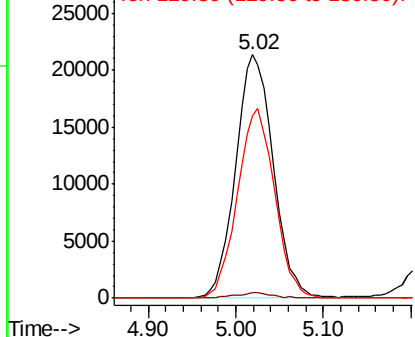
#28

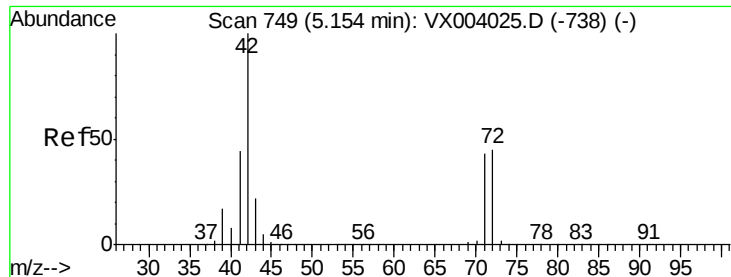
Bromochloromethane
 Concen: 20.30 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	76.8	66.5	99.7



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





#29

Tetrahydrofuran

Concen: 100.05 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.01 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

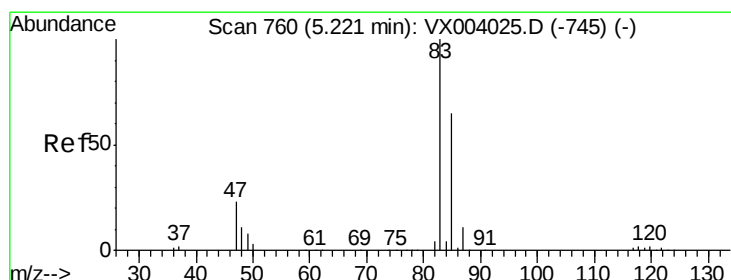
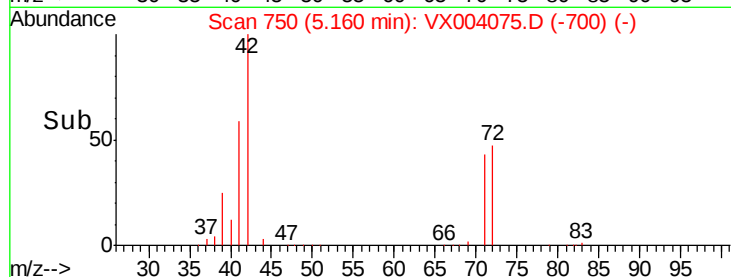
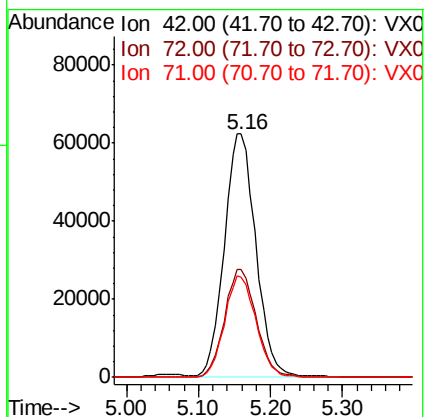
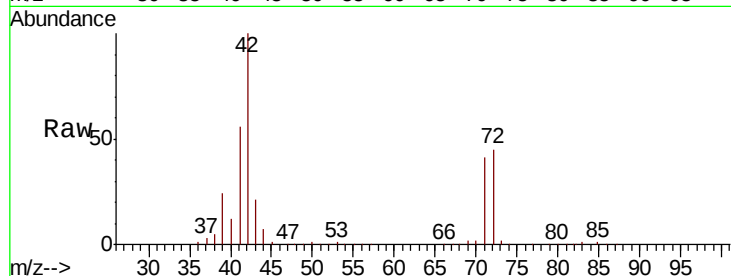
Tot Ion: 42 Resp: 188557

Ion Ratio Lower Upper

42 100

72 45.2 37.7 56.5

71 41.9 35.0 52.6



#30

Chloroform

Concen: 19.40 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004075.D

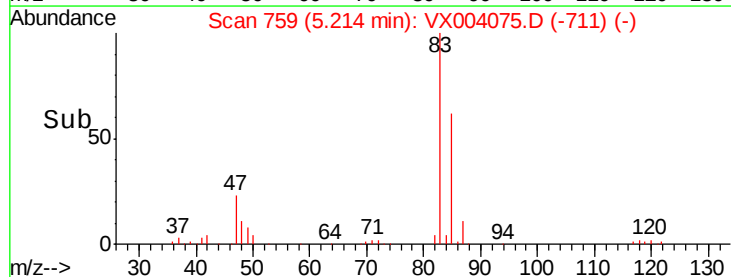
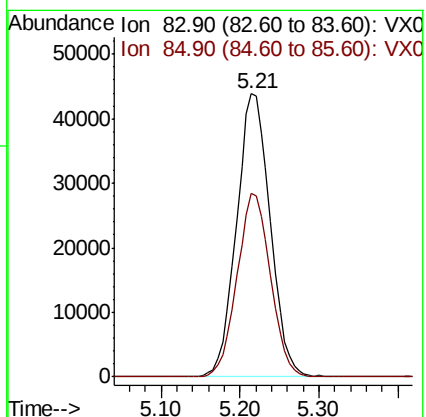
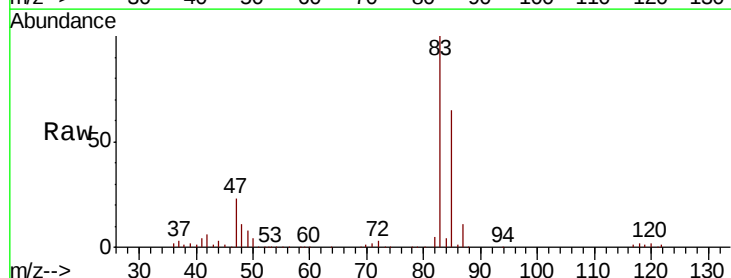
Acq: 15 Aug 2018 16:27

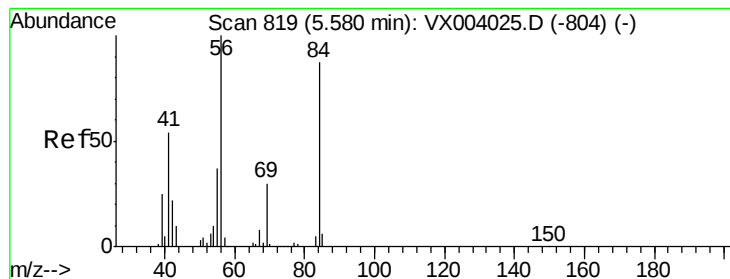
Tgt Ion: 83 Resp: 130201

Ion Ratio Lower Upper

83 100

85 64.9 50.7 76.1





#31

Cyclohexane

Concen: 18.78 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

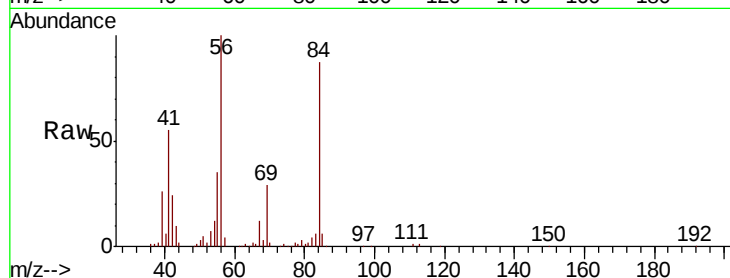
Tot Ion: 56 Resp: 113194

Ion Ratio Lower Upper

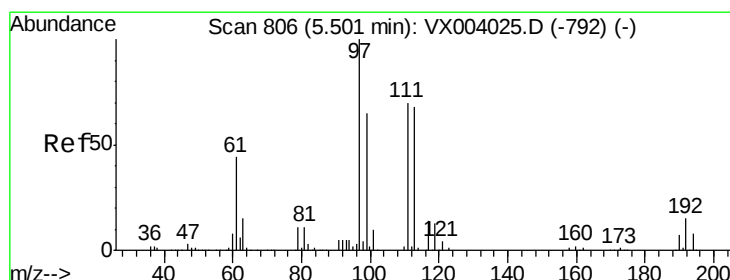
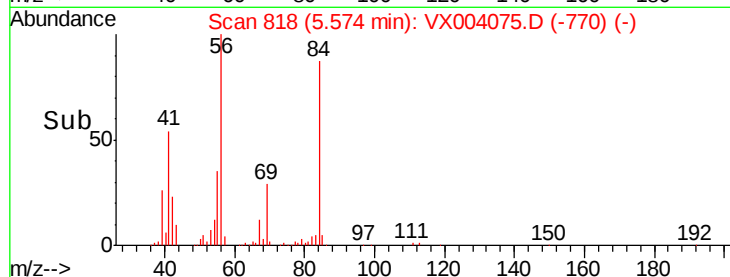
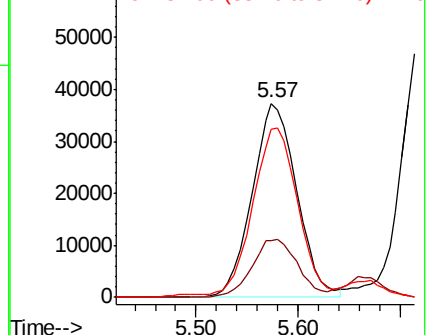
56 100

69 29.4 24.9 37.3

84 85.6 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.70 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

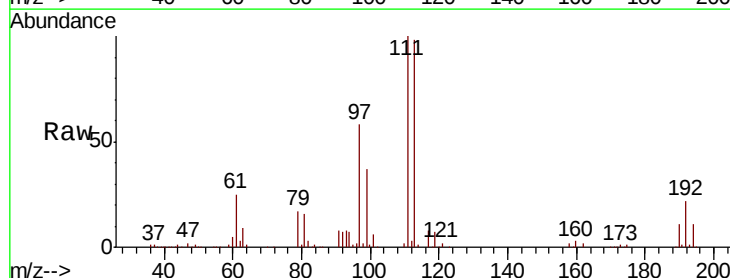
Tgt Ion: 97 Resp: 110475

Ion Ratio Lower Upper

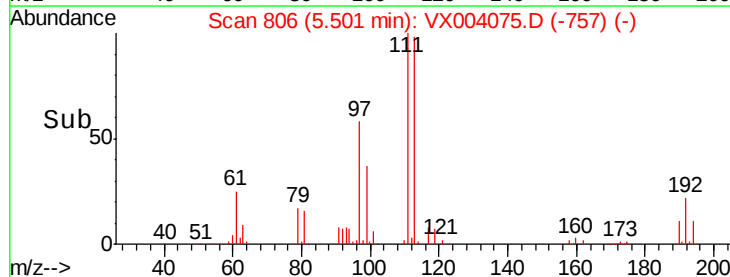
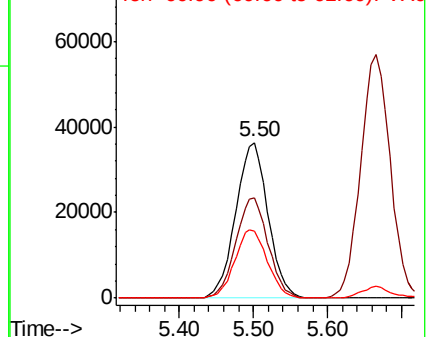
97 100

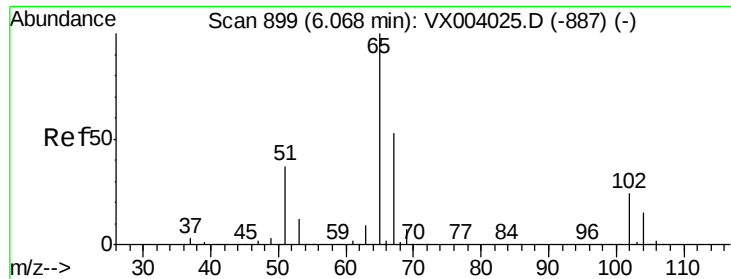
99 64.4 51.8 77.8

61 44.6 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

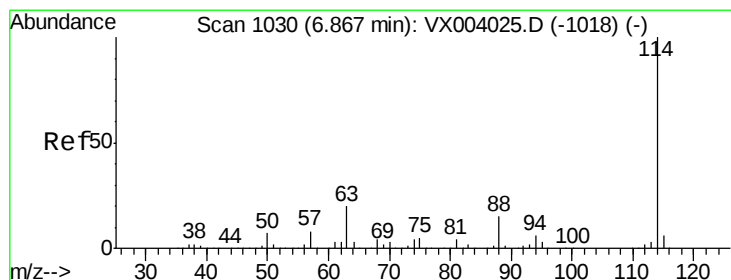
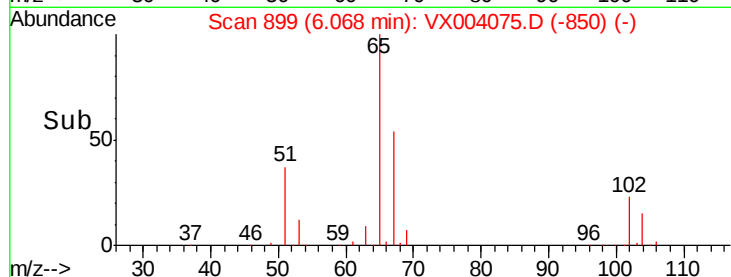
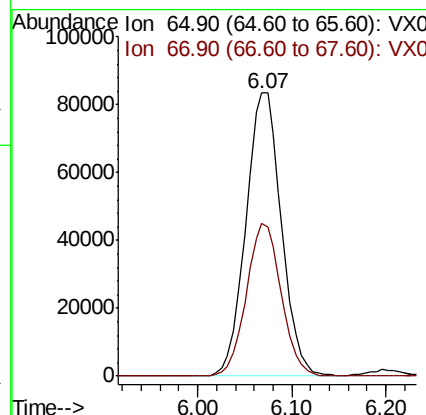
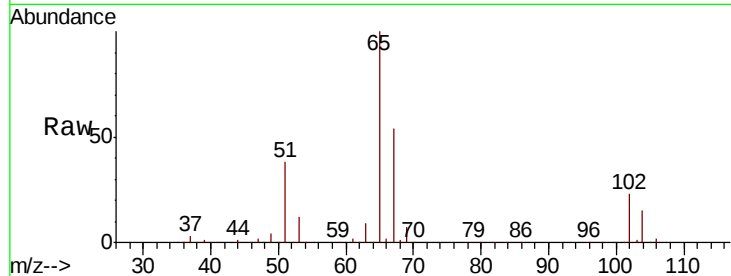




#33
 1,2-Dichloroethane-d4
 Concen: 50.50 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

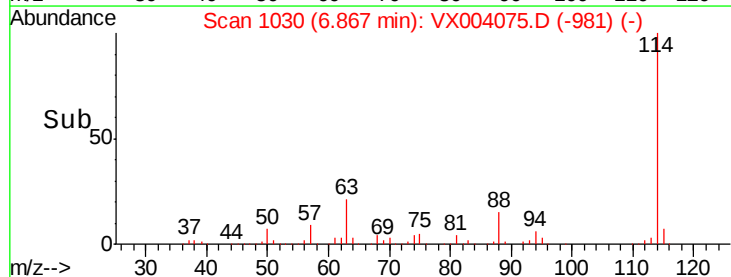
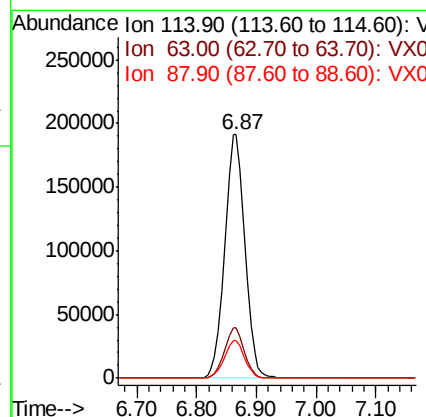
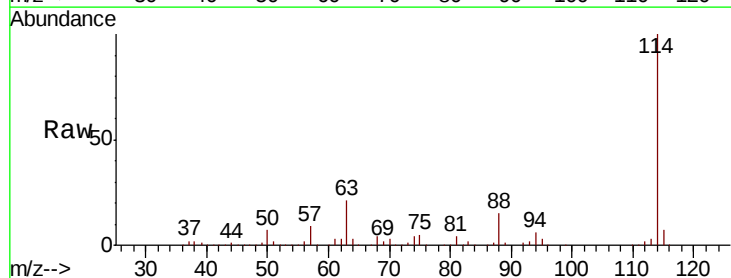
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

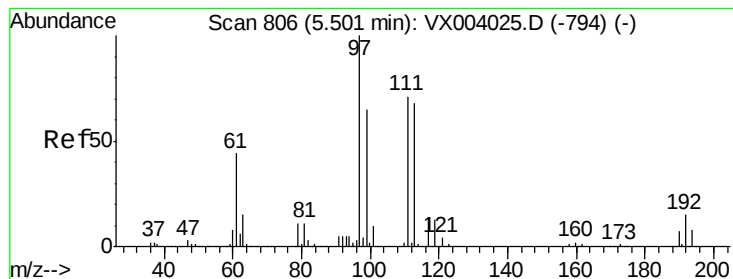
Tot Ion: 65 Resp: 220188
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion: 114 Resp: 451402
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.0
 88 15.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.41 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

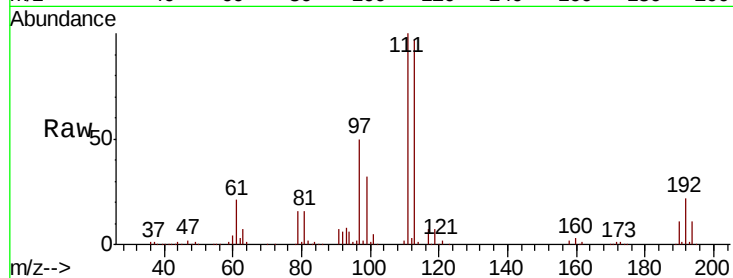
Tot Ion:113 Resp: 177072

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

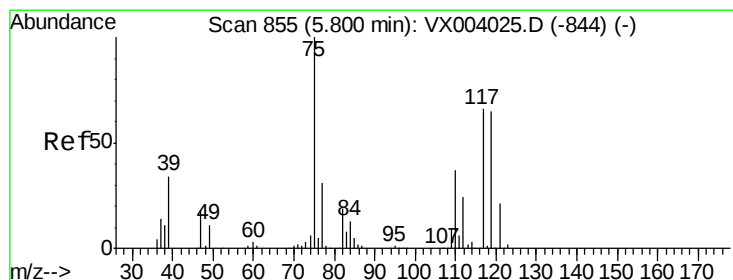
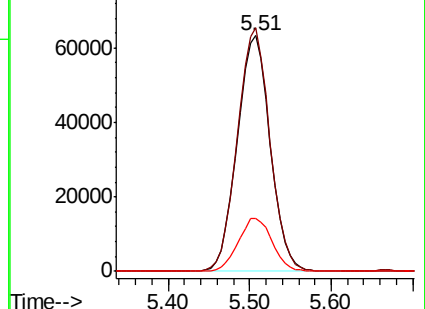
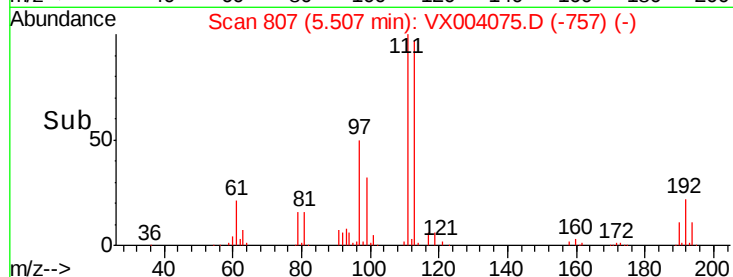
192 23.2 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.27 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

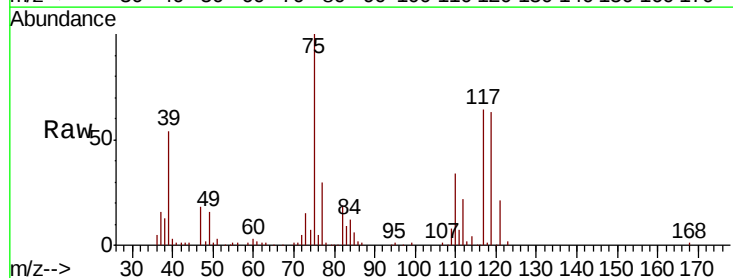
Tgt Ion: 75 Resp: 98996

Ion Ratio Lower Upper

75 100

110 36.1 18.2 54.6

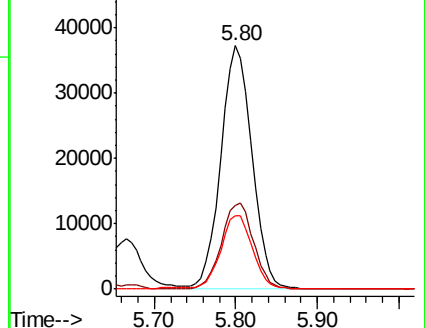
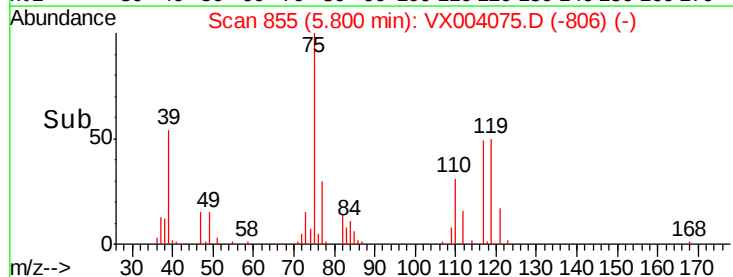
77 30.8 25.0 37.4

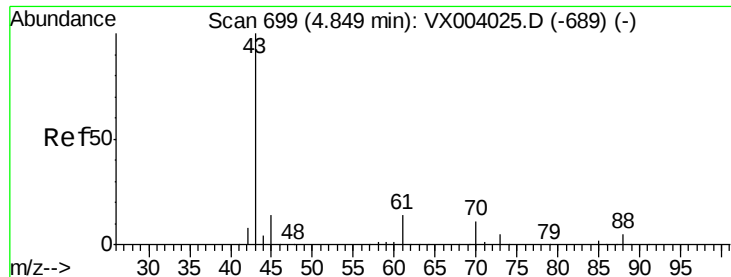


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

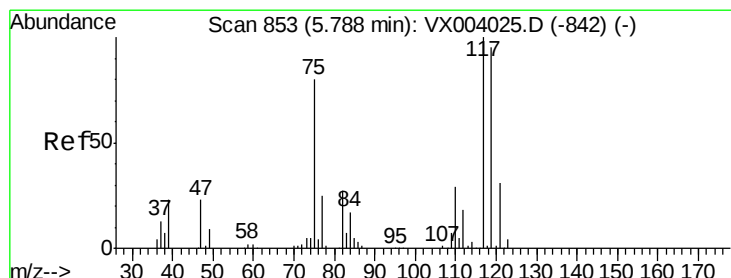
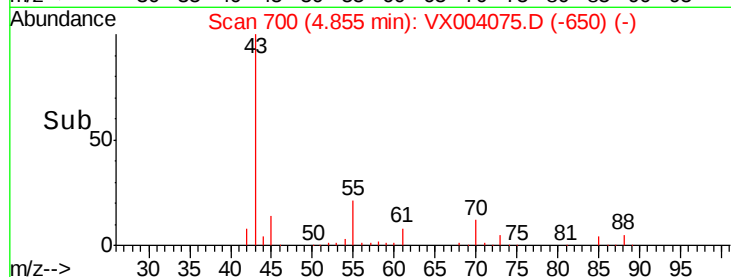
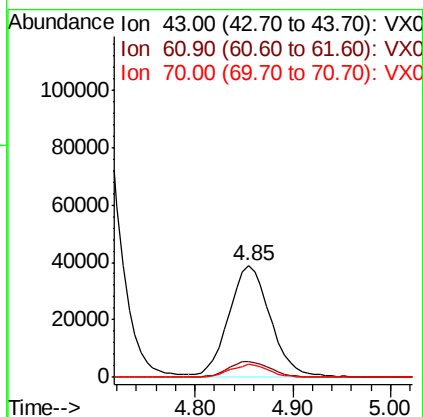
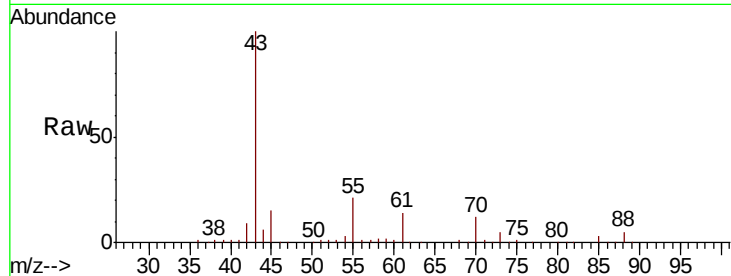




#37
Ethyl Acetate
Concen: 20.14 ug/l
RT: 4.85 min Scan# 700
Delta R.T. 0.01 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

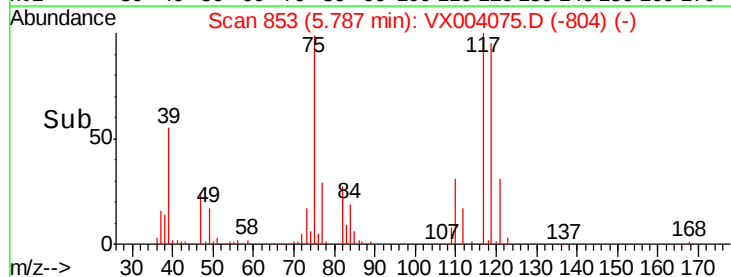
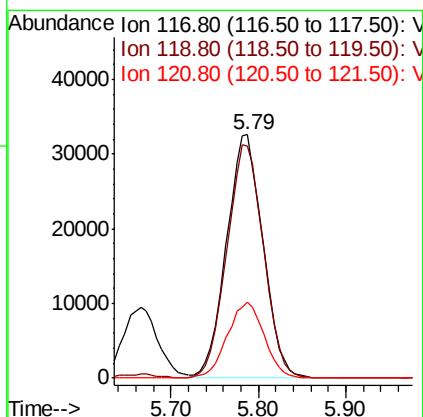
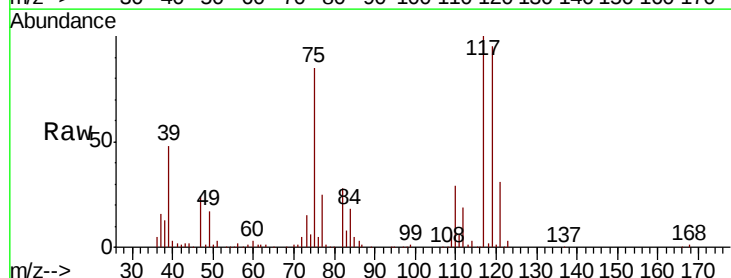
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

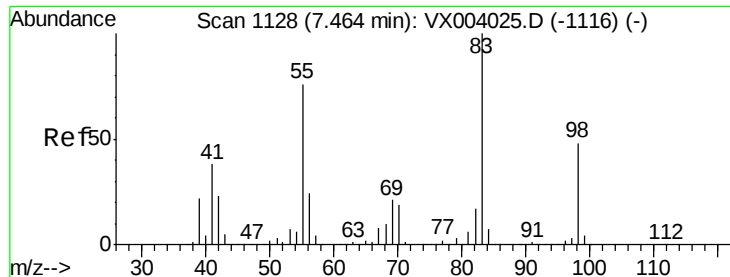
Tot Ion: 43 Resp: 112678
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 11.1 9.0 13.4



#38
Carbon Tetrachloride
Concen: 18.93 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion: 117 Resp: 94457
Ion Ratio Lower Upper
117 100
119 95.4 79.5 119.3
121 31.0 25.0 37.4

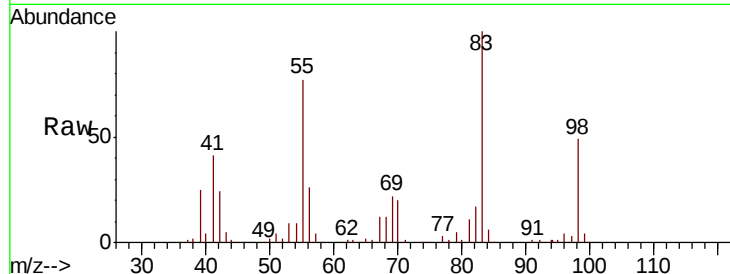




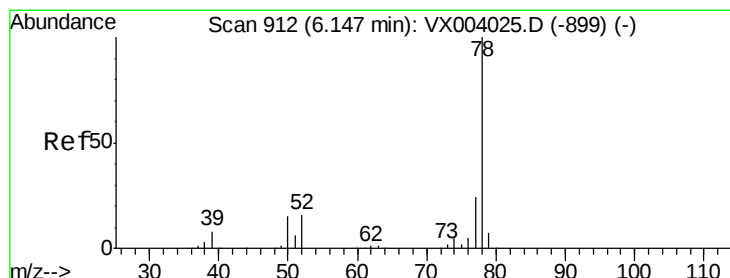
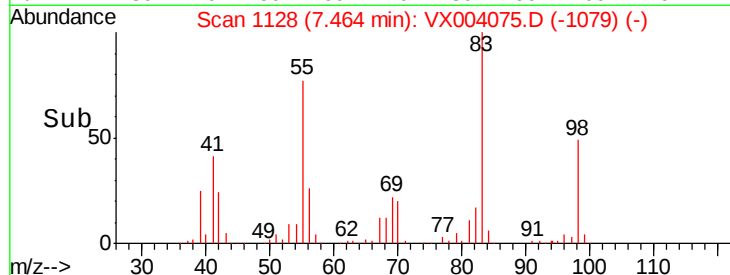
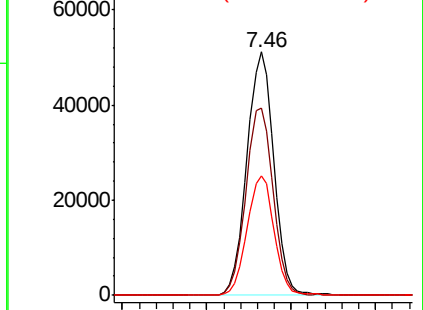
#39
Methvlcvclohexane
Concen: 18.97 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion	83	Resp	110557
Ion Ratio	Lower	Upper	
83	100		
55	76.9	61.0	91.6
98	49.0	38.6	57.8

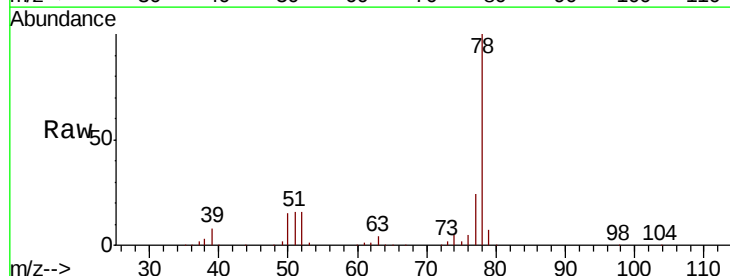


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

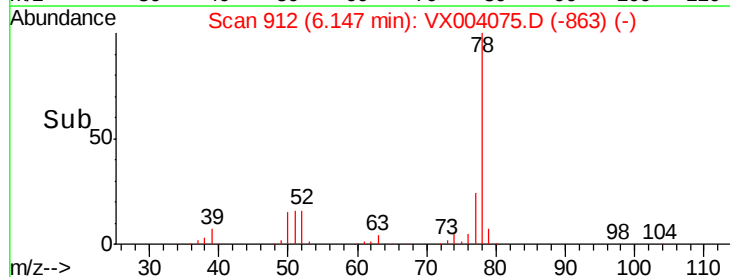
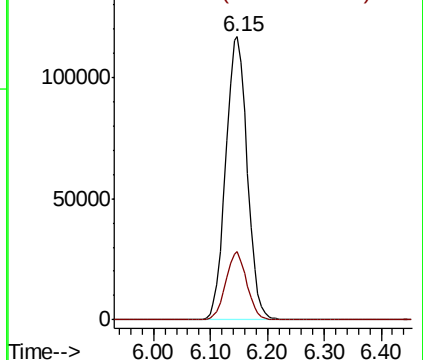


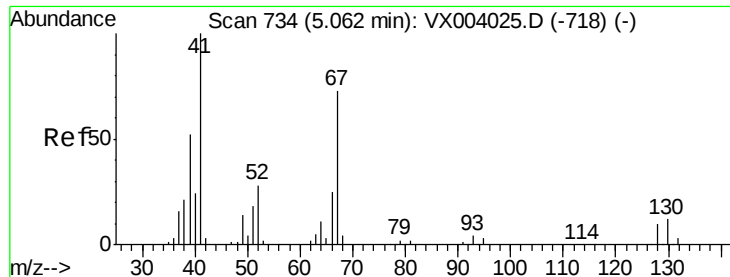
#40
Benzene
Concen: 19.96 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion	78	Resp	307844
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.0	28.4



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

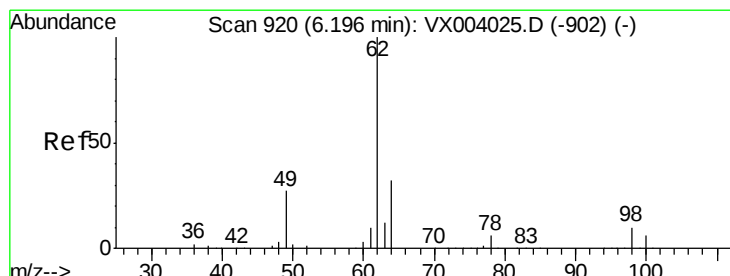
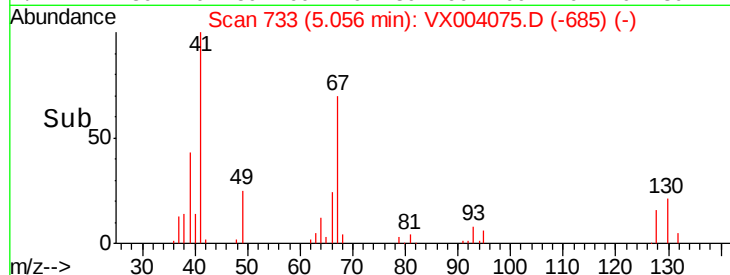
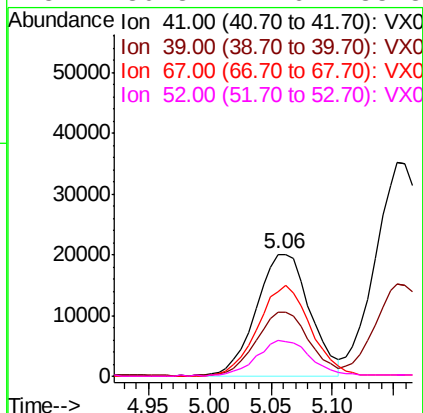
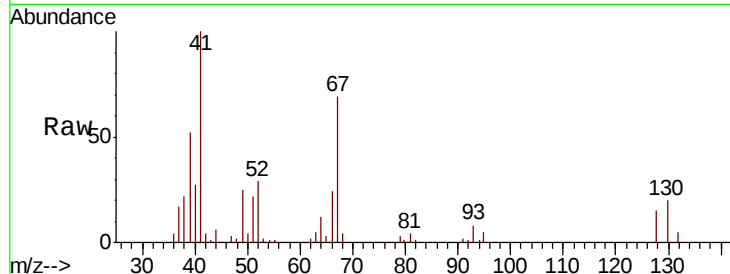




#41
Methacrylonitrile
Concen: 19.51 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

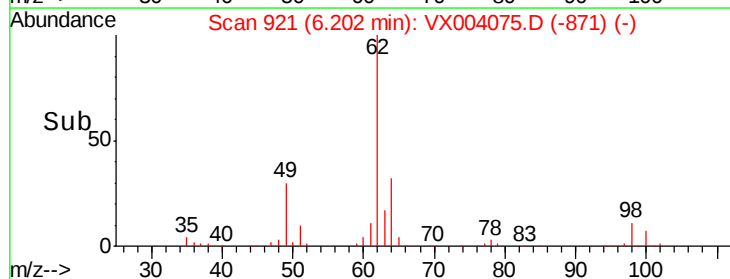
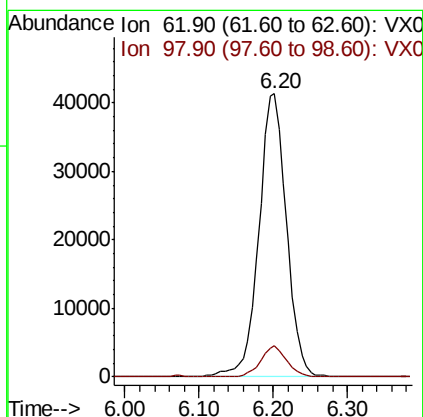
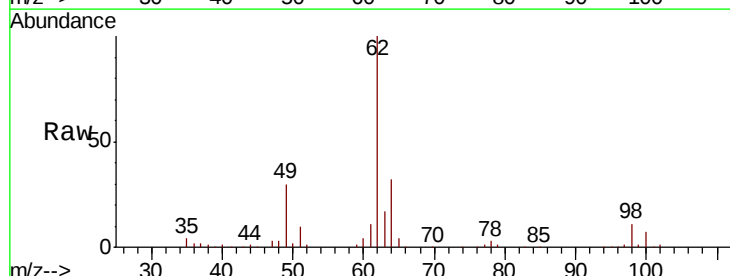
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

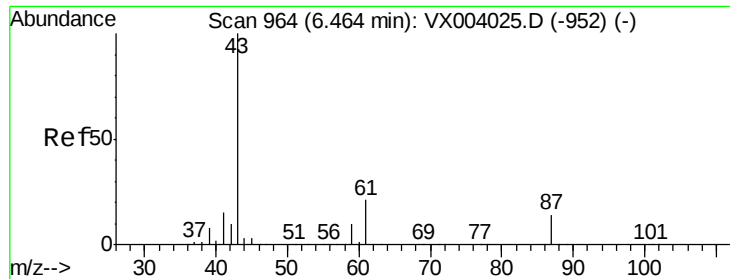
Tot Ion:	41	Resp:	61132
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.7	64.1
67	74.1	58.9	88.3
52	30.3	22.6	33.8



#42
1,2-Dichloroethane
Concen: 19.75 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.01 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion:	62	Resp:	106619
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.76 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

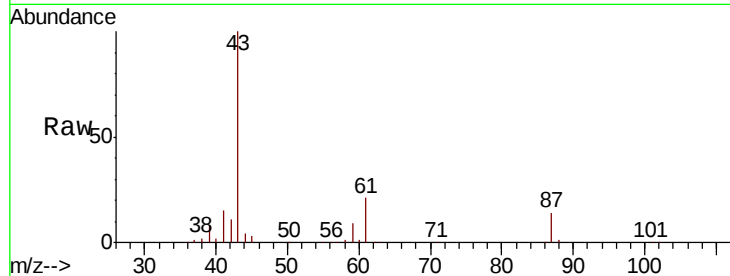
Tot Ion: 43 Resp: 162926

Ion Ratio Lower Upper

43 100

61 20.8 16.9 25.3

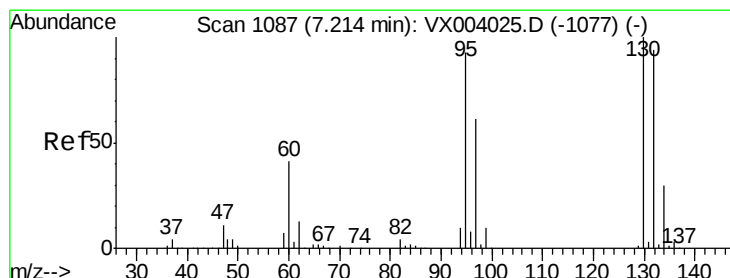
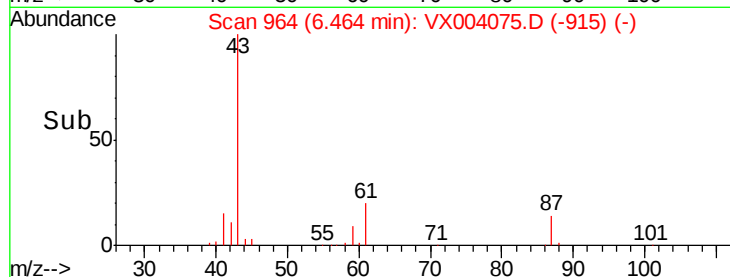
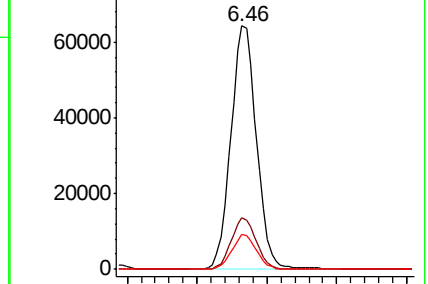
87 13.8 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.22 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004075.D

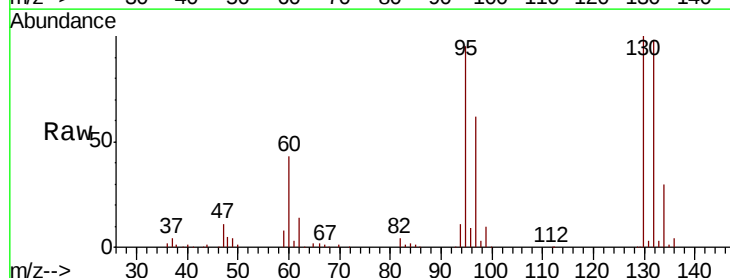
Acq: 15 Aug 2018 16:27

Tgt Ion:130 Resp: 80481

Ion Ratio Lower Upper

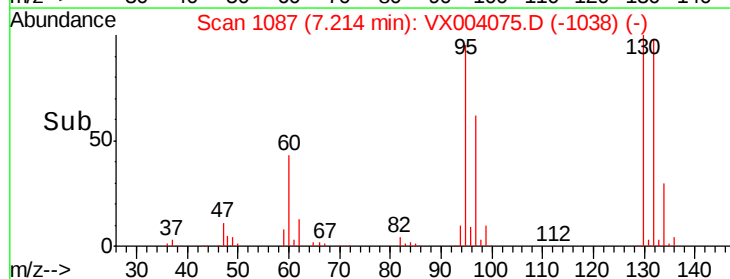
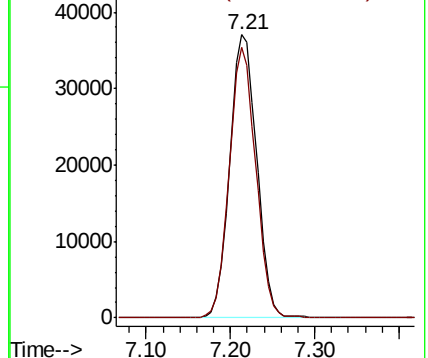
130 100

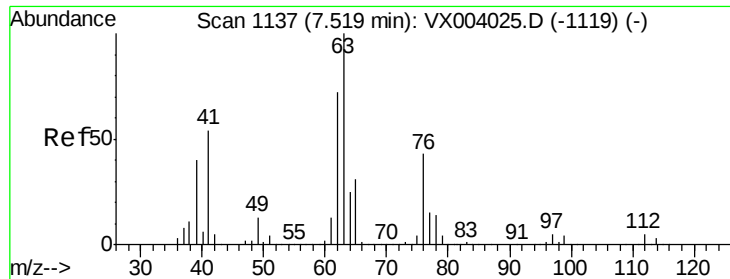
95 95.4 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

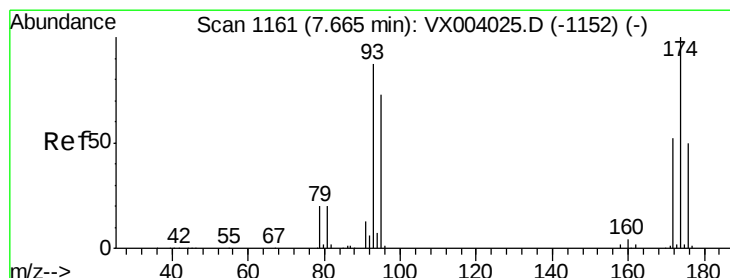
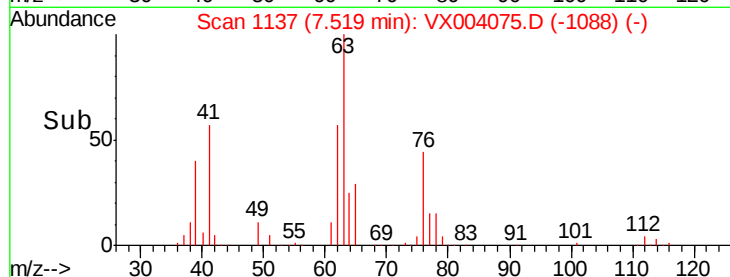
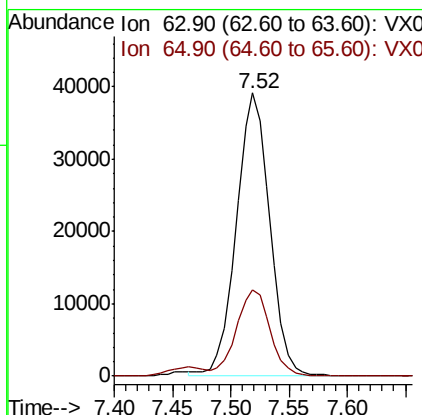
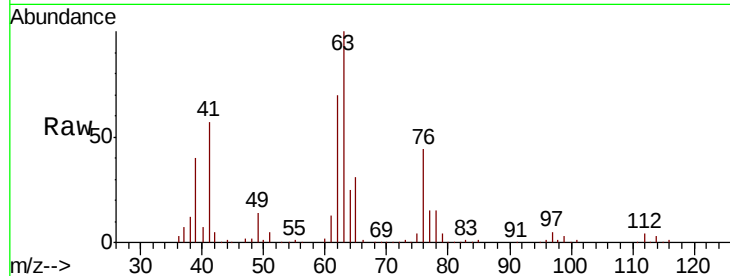




#45
 1,2-Dichloropropane
 Concen: 19.59 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

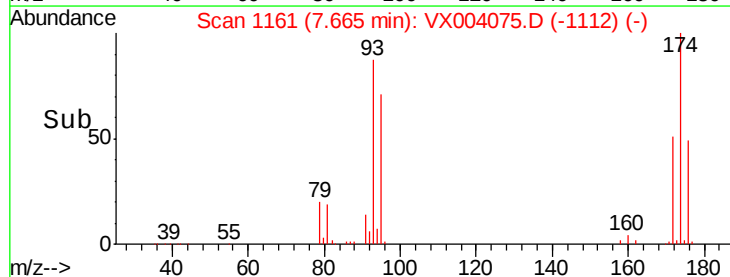
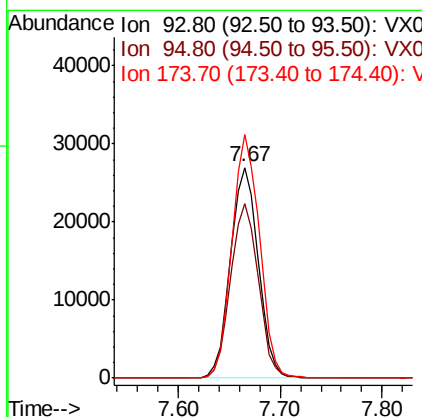
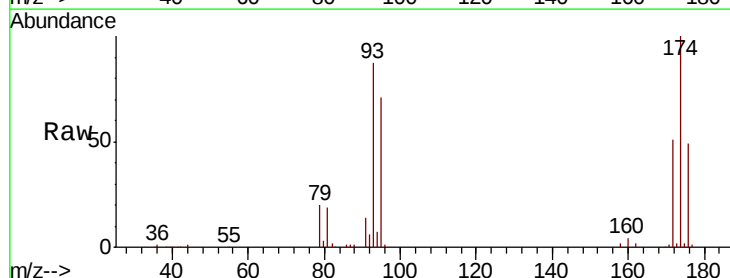
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

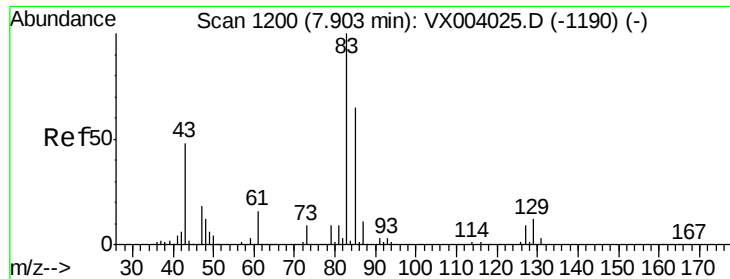
Tot Ion: 63 Resp: 77367
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 36.8



#46
 Dibromomethane
 Concen: 19.76 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion: 93 Resp: 50984
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.4 99.6
 174 114.3 94.3 141.5





#47

Bromodichloromethane

Concen: 19.21 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

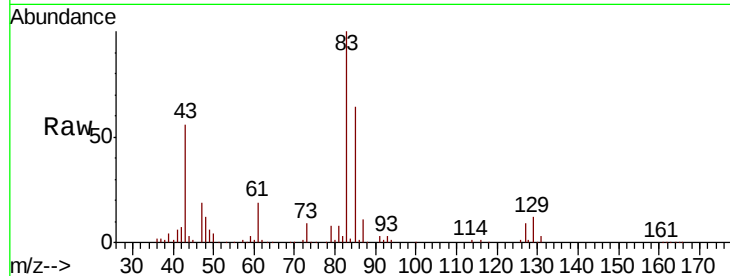
Tot Ion: 83 Resp: 93898

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8

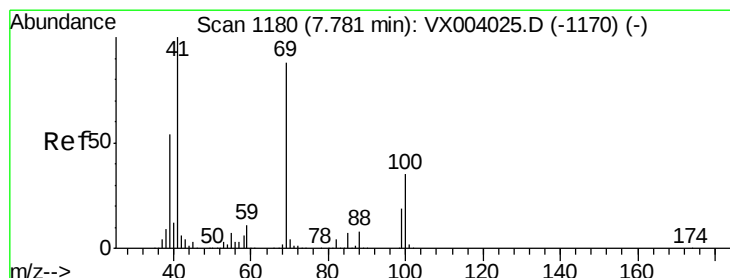
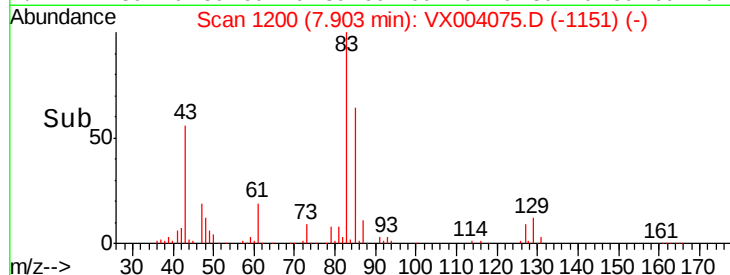
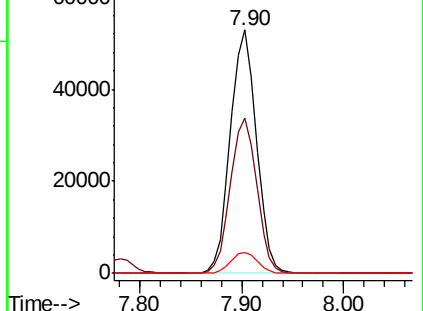
127 8.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.20 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

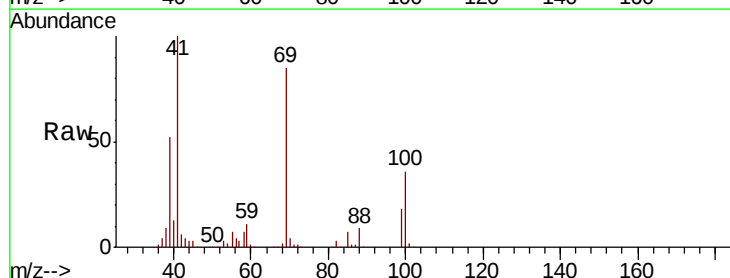
Tgt Ion: 41 Resp: 83827

Ion Ratio Lower Upper

41 100

69 86.6 68.8 103.2

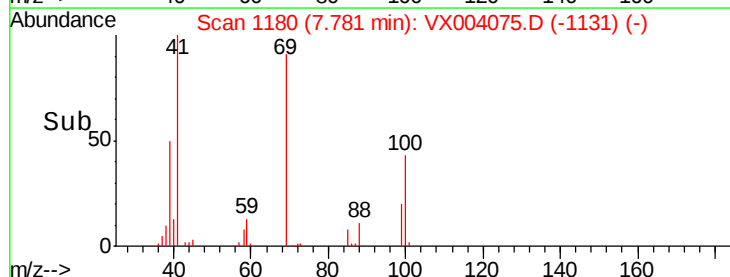
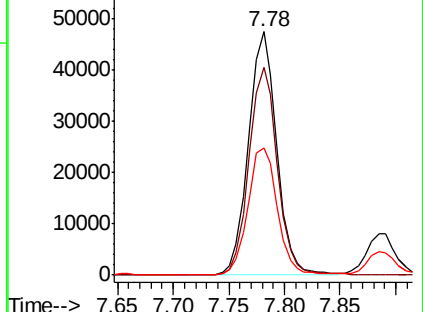
39 54.6 42.3 63.5

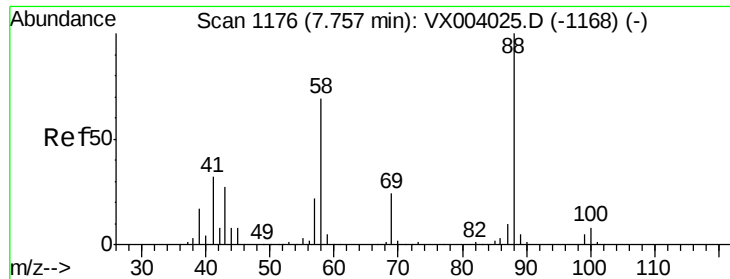


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

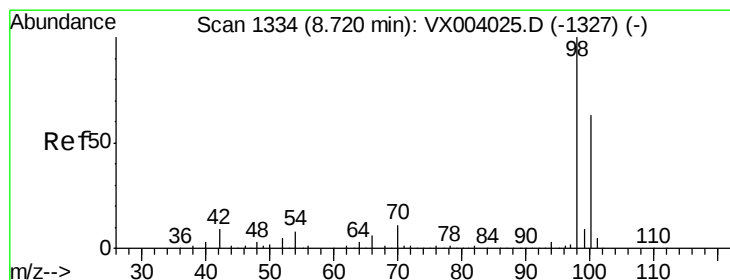
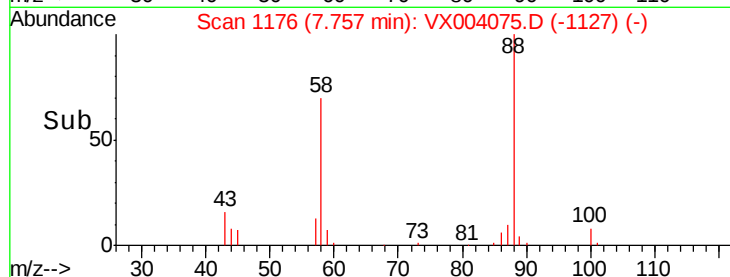
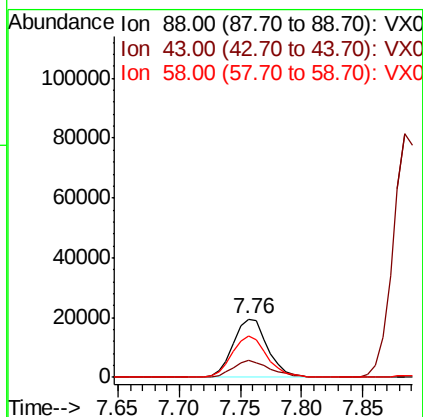
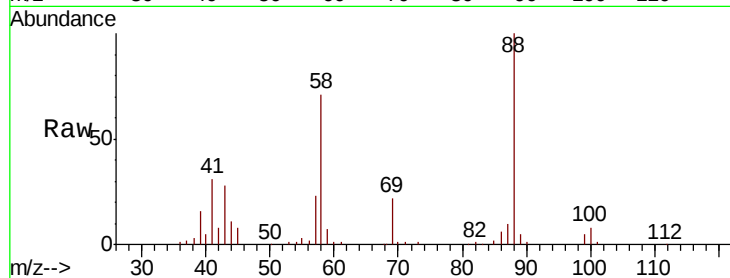




#49
1,4-Dioxane
Concen: 407.94 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

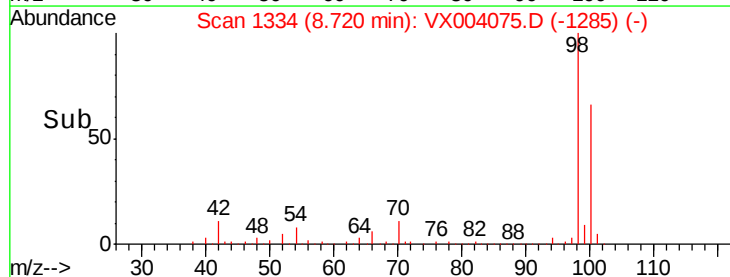
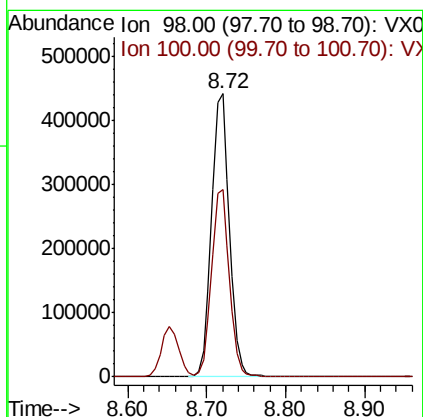
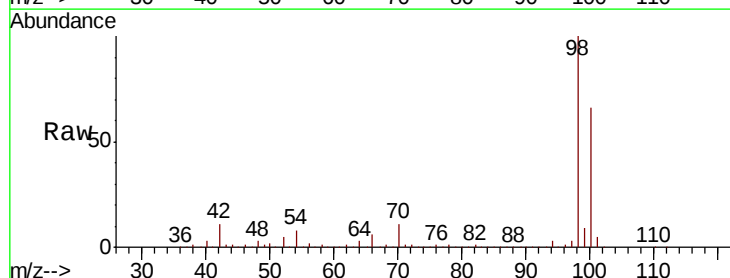
Instrument :
MSVOA_X
ClientSampled :
VX0815WBS01

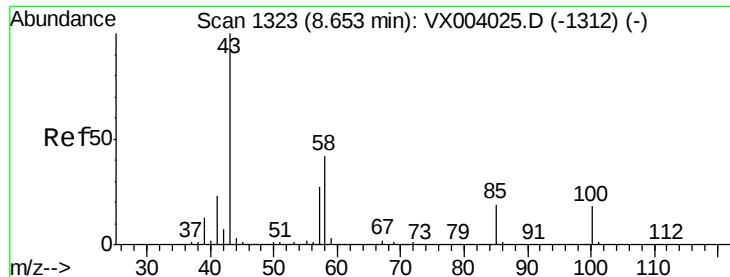
Tot Ion: 88 Resp: 38120
Ion Ratio Lower Upper
88 100
43 32.0 23.8 35.8
58 71.4 55.4 83.0



#50
Toluene-d8
Concen: 50.87 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion: 98 Resp: 696809
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 105.83 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

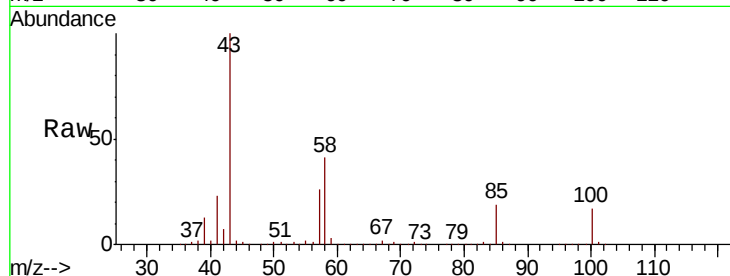
VX0815WBS01

Tot Ion: 43 Resp: 715454

Ion Ratio Lower Upper

43 100

58 40.7 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

500000

400000

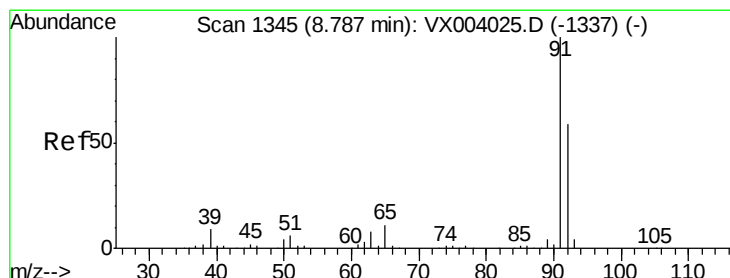
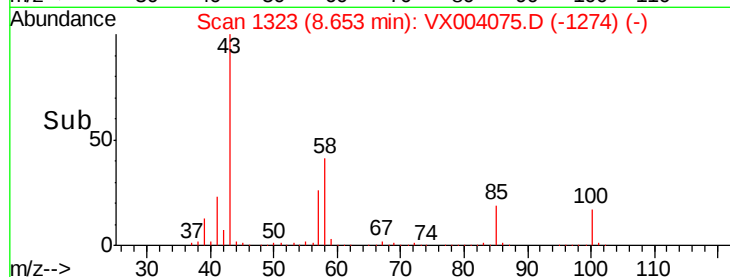
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.13 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004075.D

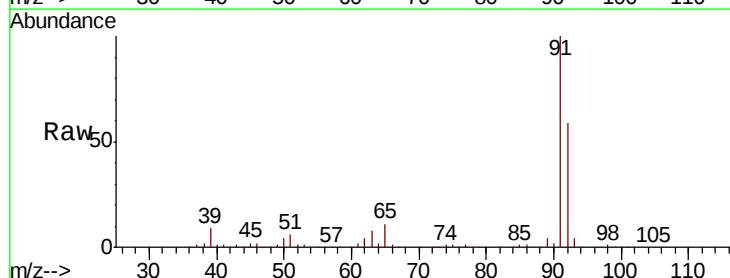
Acq: 15 Aug 2018 16:27

Tgt Ion: 92 Resp: 196361

Ion Ratio Lower Upper

92 100

91 169.6 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

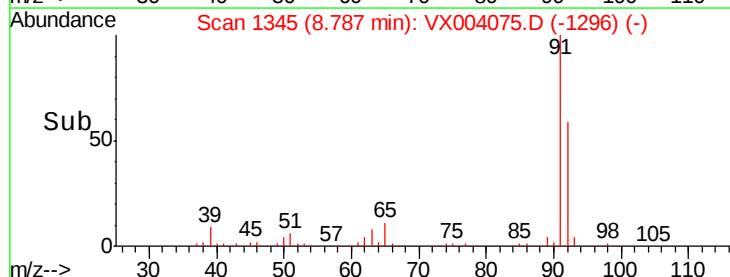
150000

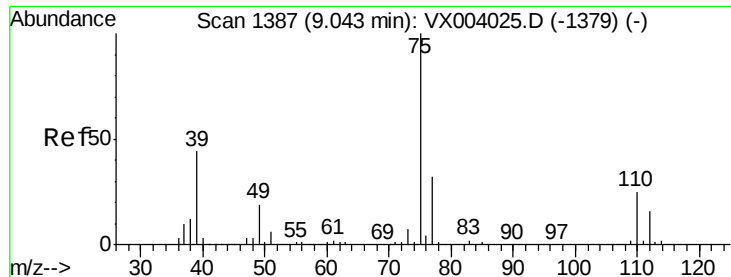
100000

50000

0

Time-->

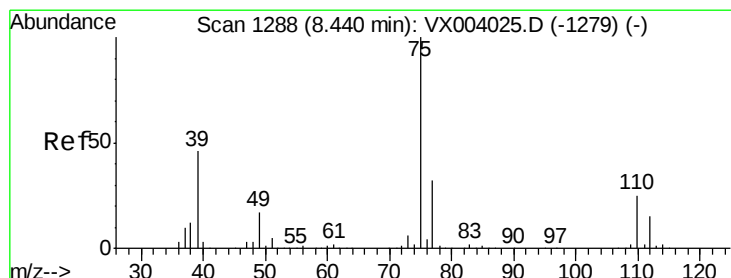
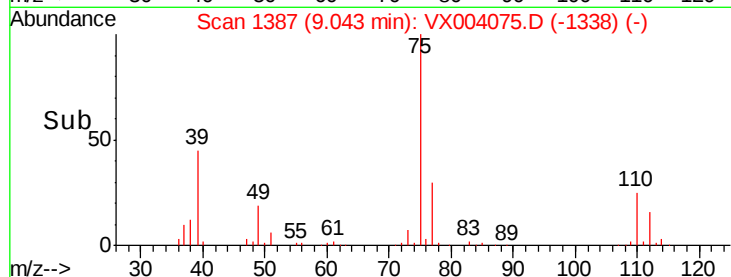
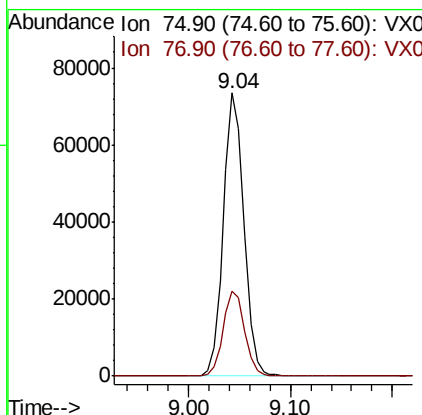
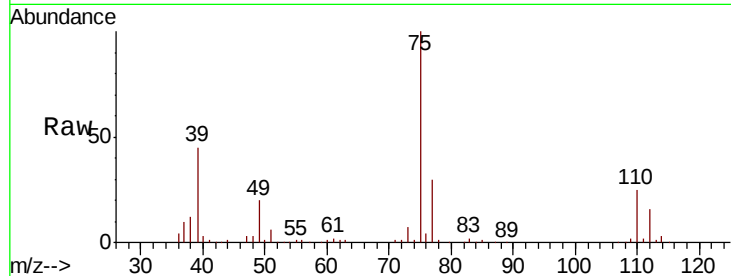




#53
 t-1,3-Dichloropropene
 Concen: 19.53 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

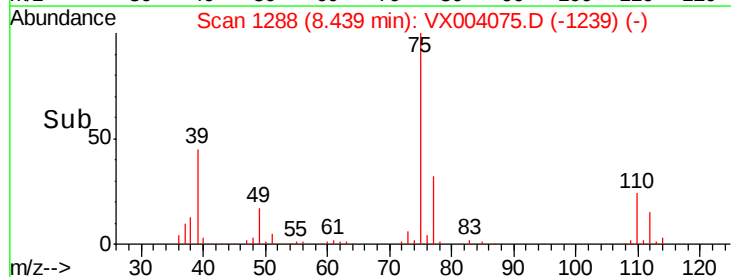
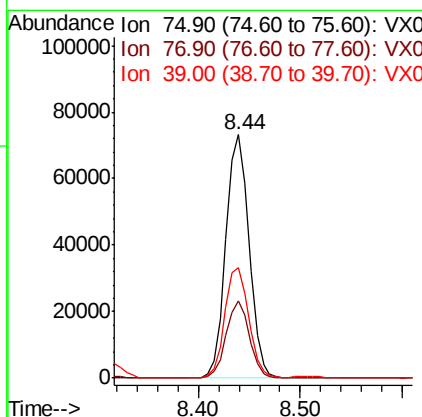
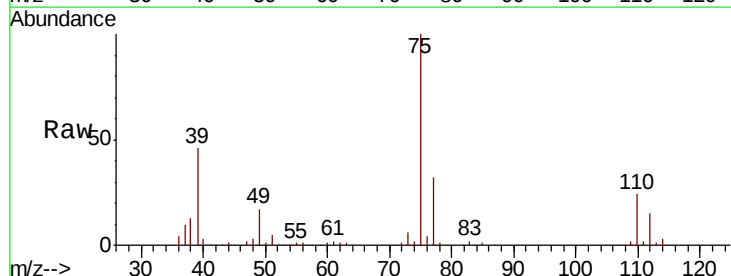
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

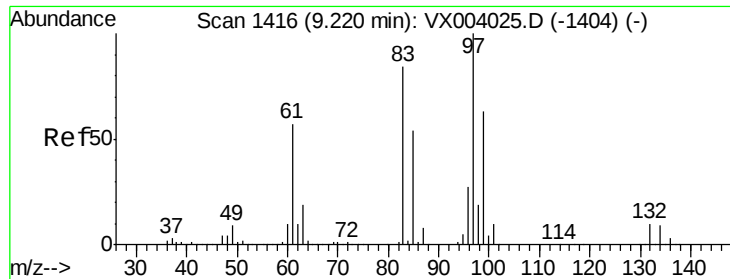
Tot Ion: 75 Resp: 103113
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.74 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion: 75 Resp: 115419
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 45.5 36.2 54.2

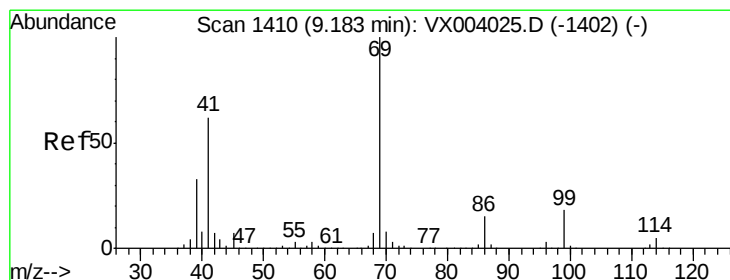
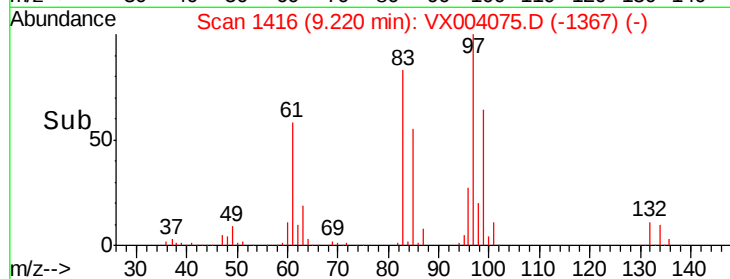
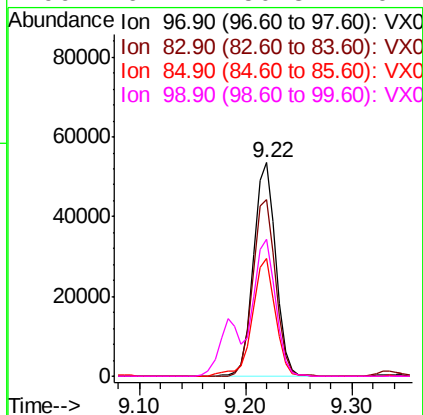
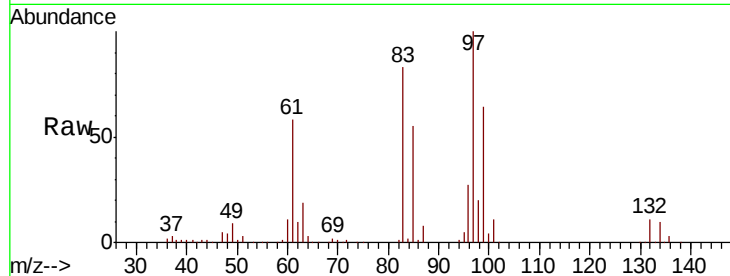




#55
 1,1,2-Trichloroethane
 Concen: 19.59 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

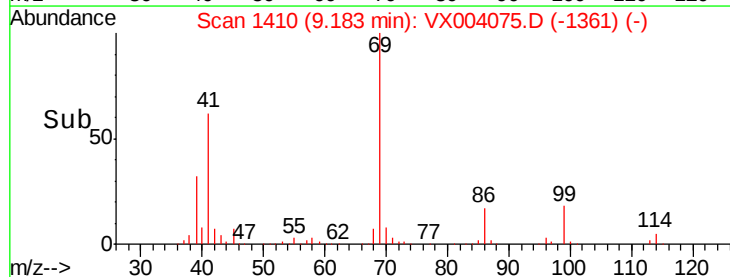
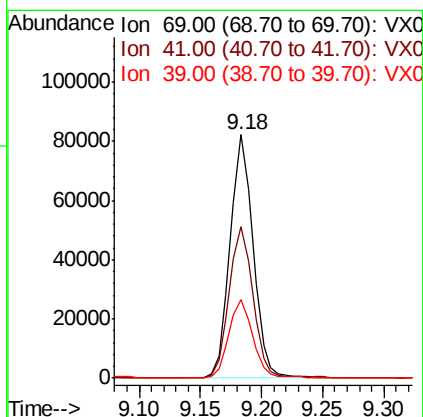
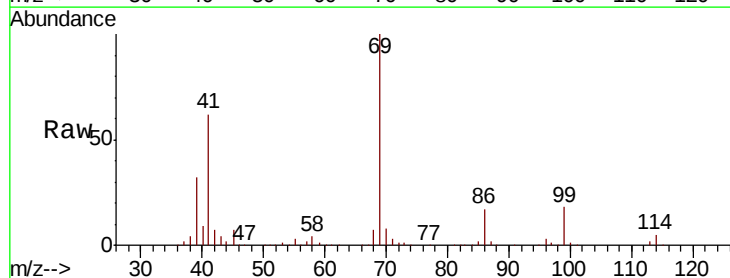
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

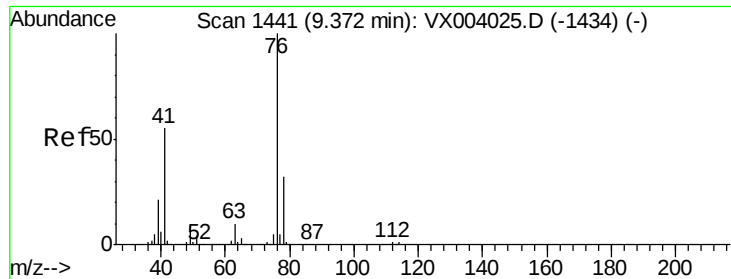
Tot Ion:	97	Resp:	78920
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.8	101.6
85	54.9	44.2	66.2
99	64.4	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 19.62 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion:	69	Resp:	107499
Ion	Ratio	Lower	Upper
69	100		
41	64.0	50.6	76.0
39	33.4	25.8	38.6





#57

1,3-Dichloropropane

Concen: 20.03 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

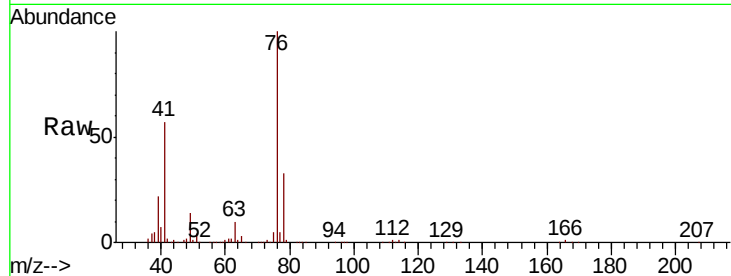
VX0815WBS01

Tot Ion: 76 Resp: 133844

Ion Ratio Lower Upper

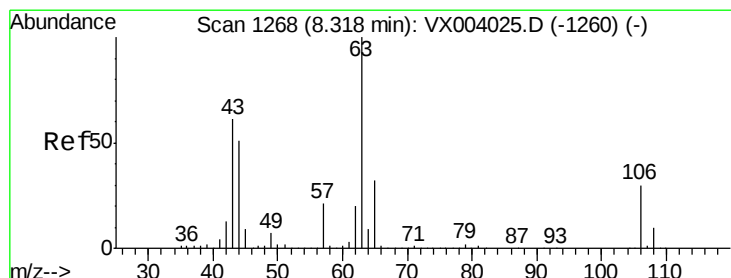
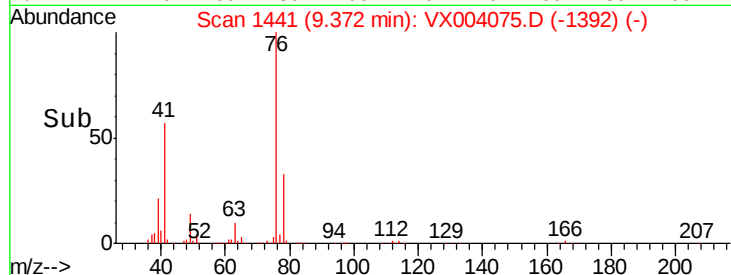
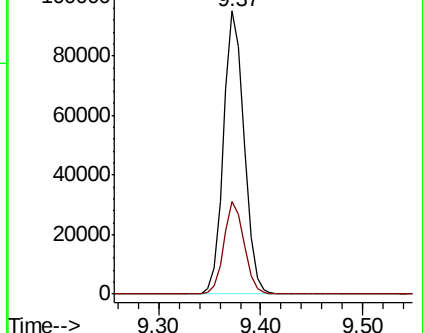
76 100

78 31.9 25.9 38.9



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: 105.96 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004075.D

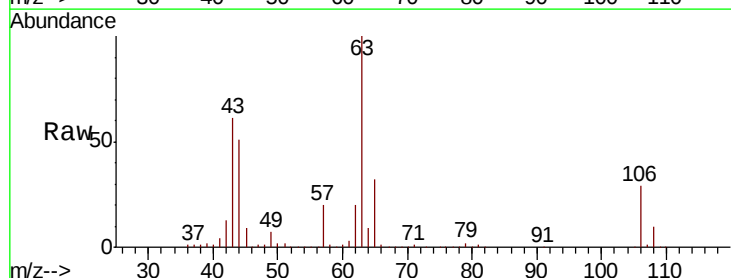
Acq: 15 Aug 2018 16:27

Tgt Ion: 63 Resp: 295567

Ion Ratio Lower Upper

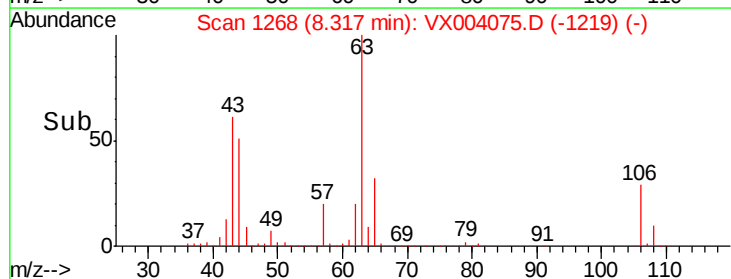
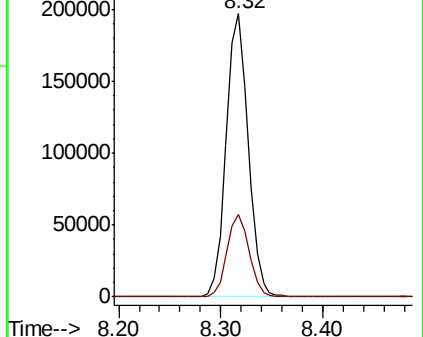
63 100

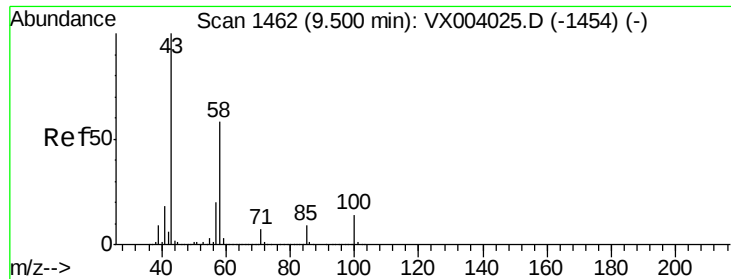
106 29.3 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

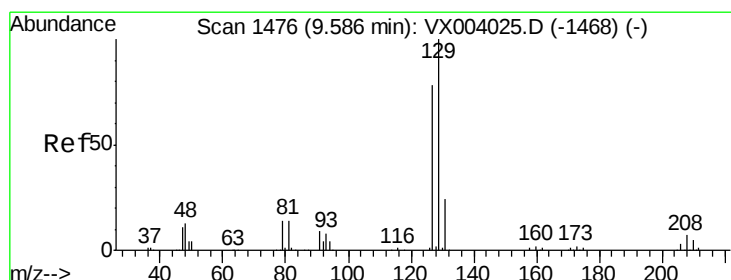
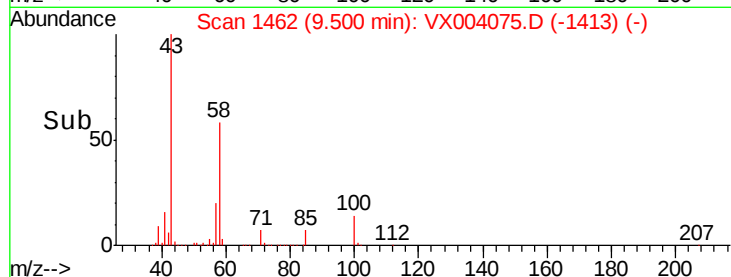
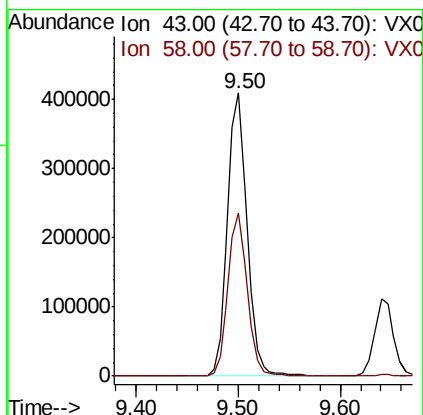
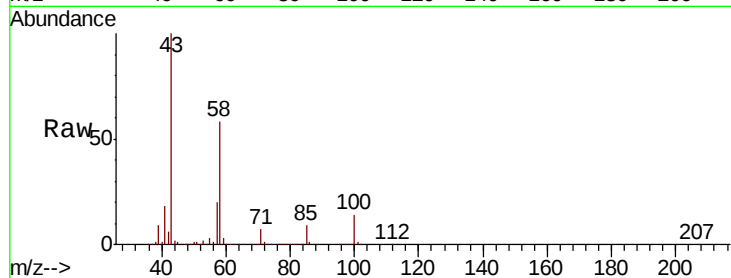




#59
2-Hexanone
Concen: 106.98 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

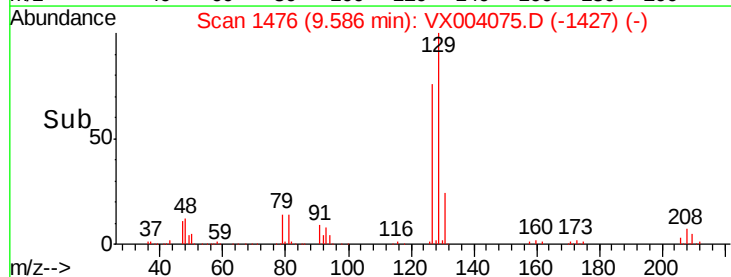
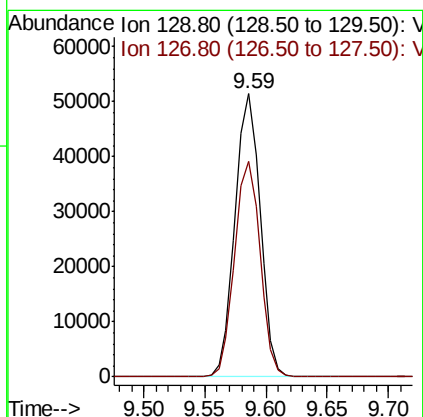
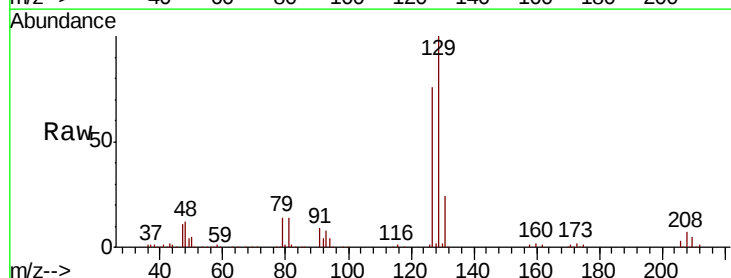
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

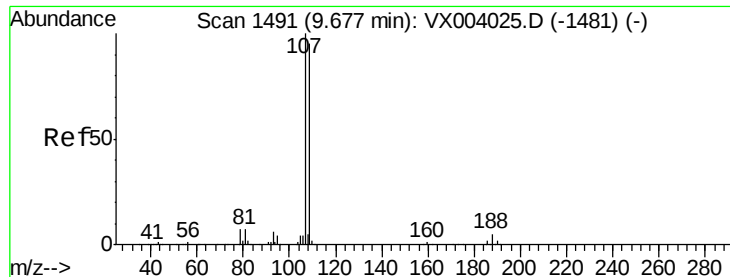
Tot Ion: 43 Resp: 544332
Ion Ratio Lower Upper
43 100
58 57.0 29.0 87.0



#60
Dibromochloromethane
Concen: 19.01 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion: 129 Resp: 73704
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.89 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

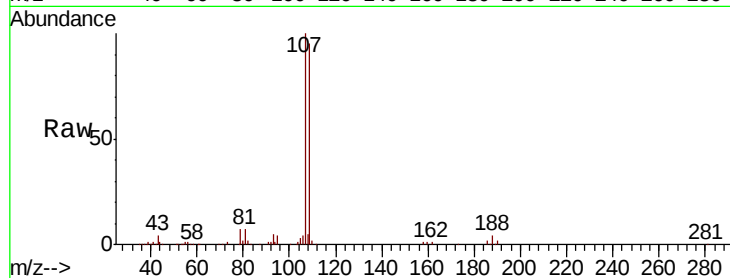
VX0815WBS01

Tot Ion:107 Resp: 81693

Ion Ratio Lower Upper

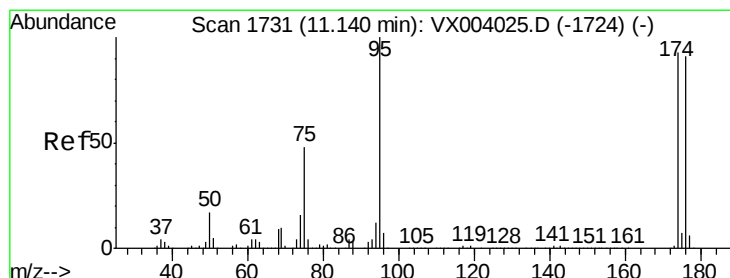
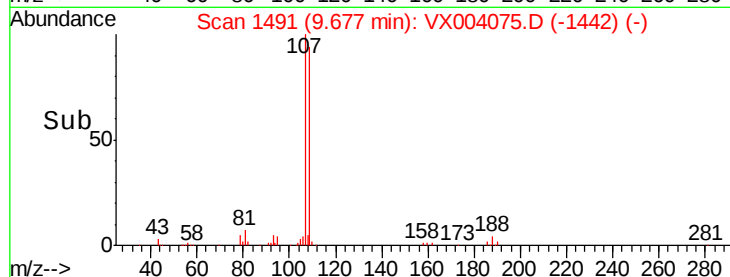
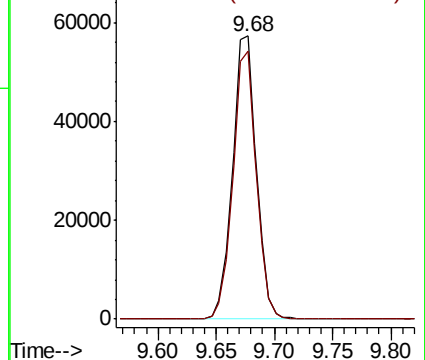
107 100

109 93.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

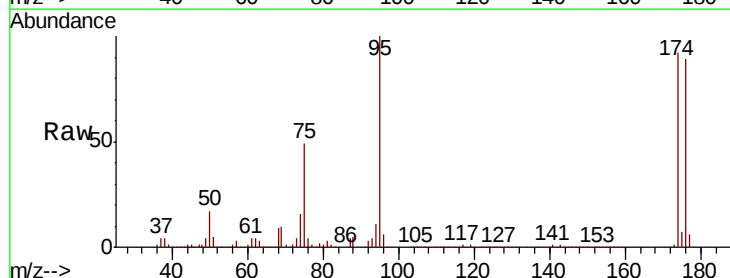
Tgt Ion: 95 Resp: 251235

Ion Ratio Lower Upper

95 100

174 90.1 0.0 182.8

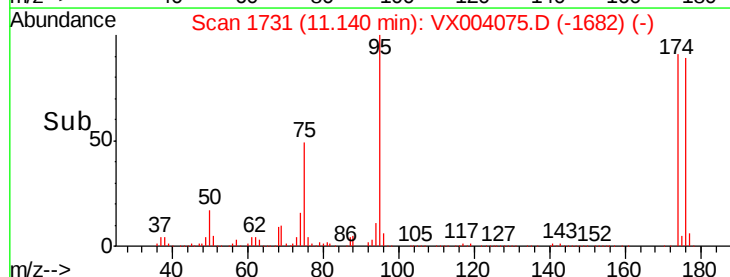
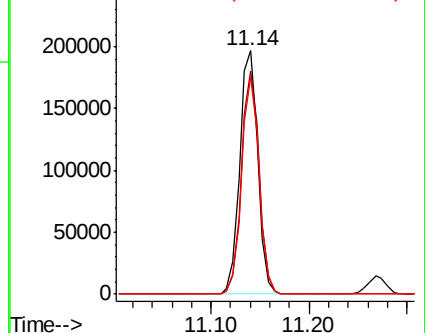
176 86.7 0.0 179.0

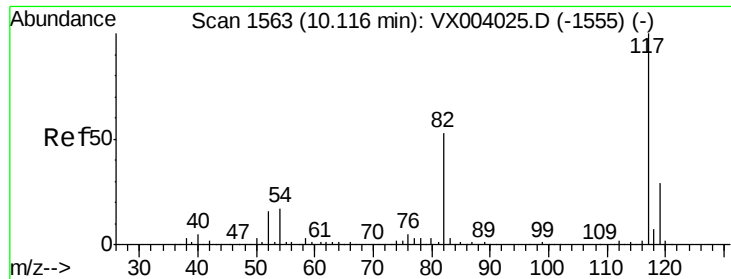


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

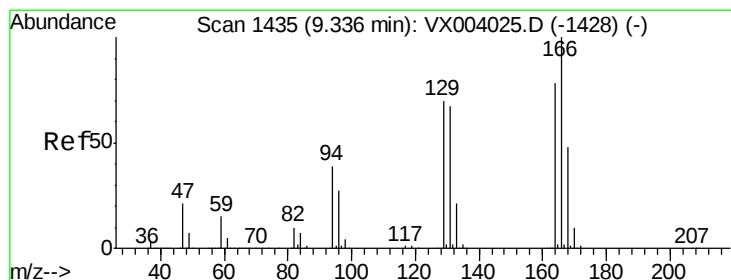
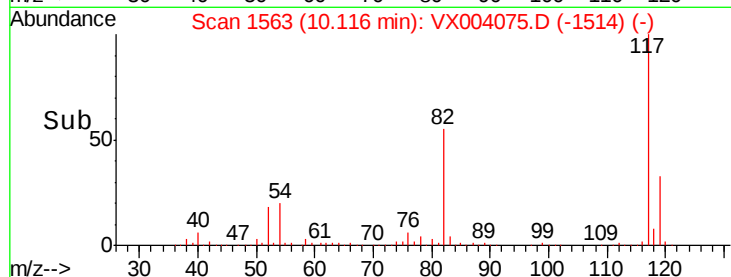
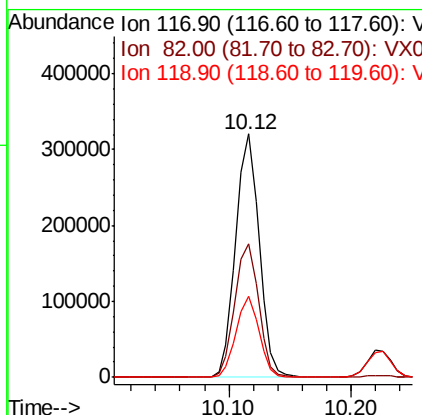
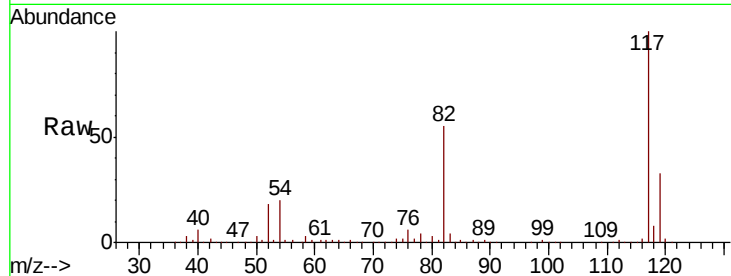




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

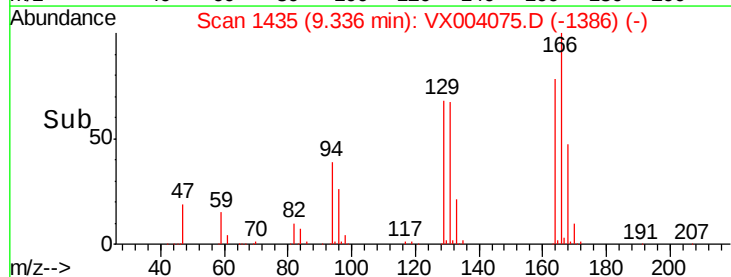
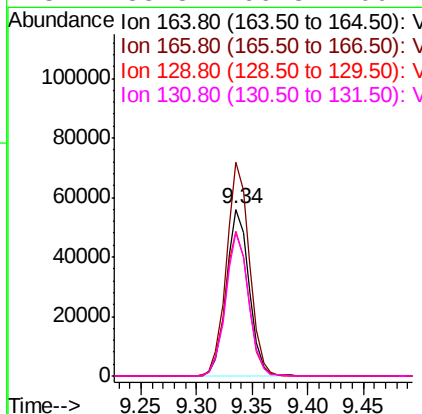
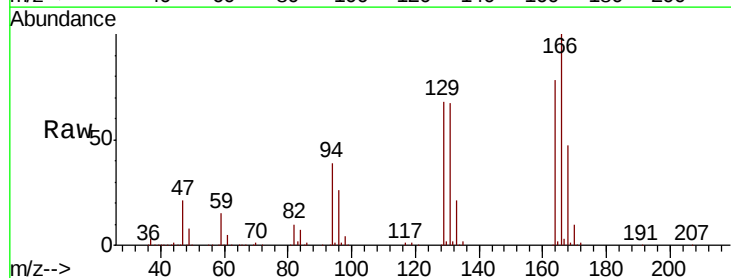
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

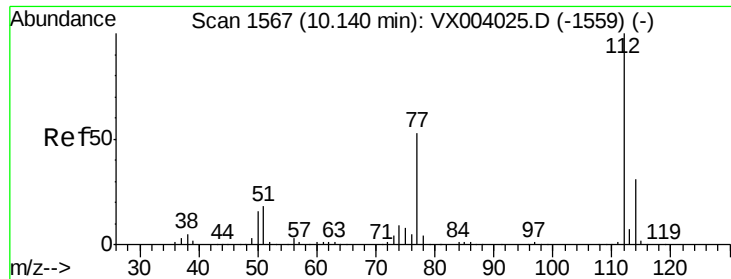
Tot Ion:117 Resp: 426421
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 33.1 26.6 40.0



#64
Tetrachloroethene
Concen: 19.58 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion:164 Resp: 79144
Ion Ratio Lower Upper
164 100
166 128.3 98.0 147.0
129 87.0 64.3 96.5
131 85.8 66.8 100.2





#65

Chlorobenzene

Concen: 19.65 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

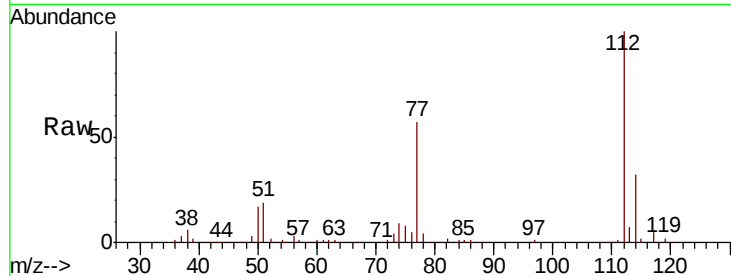
VX0815WBS01

Tot Ion:112 Resp: 216404

Ion Ratio Lower Upper

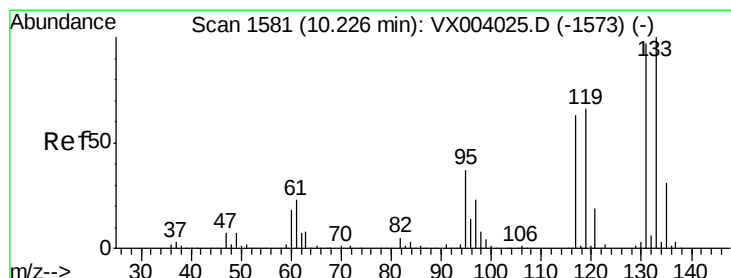
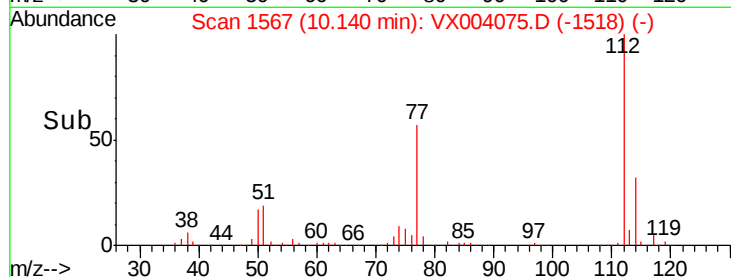
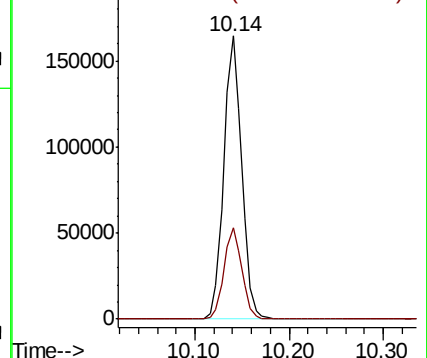
112 100

114 32.2 23.6 35.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.63 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

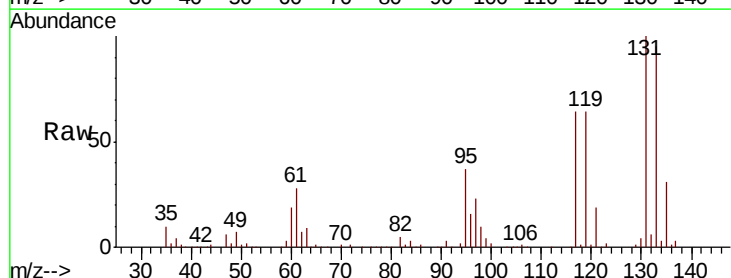
Tgt Ion:131 Resp: 73739

Ion Ratio Lower Upper

131 100

133 95.3 47.3 141.8

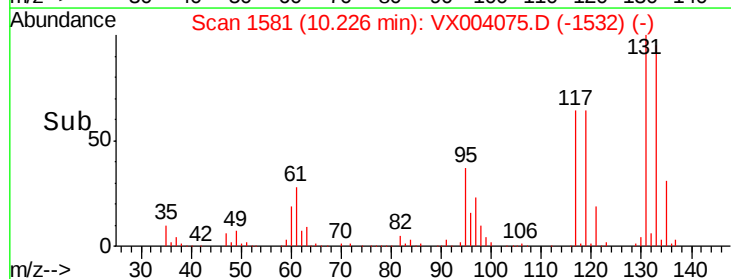
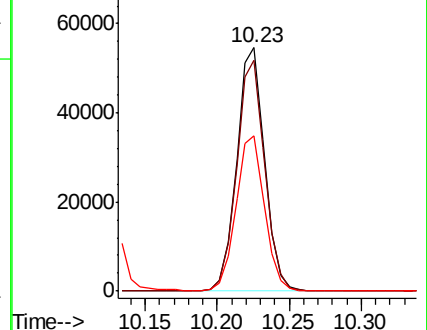
119 65.7 31.6 94.8

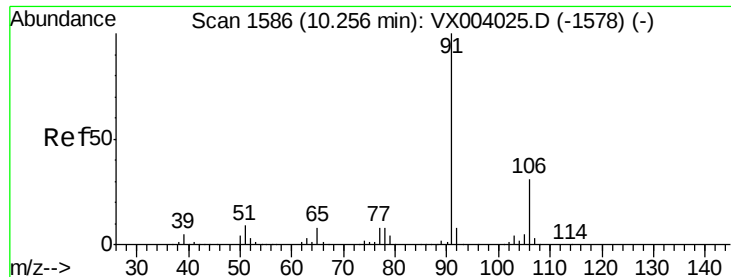


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

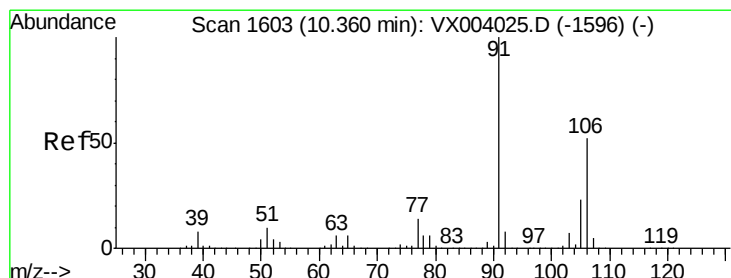
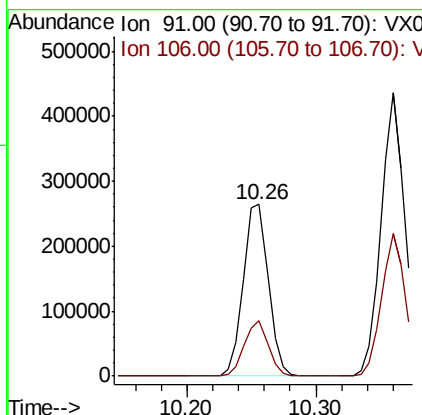
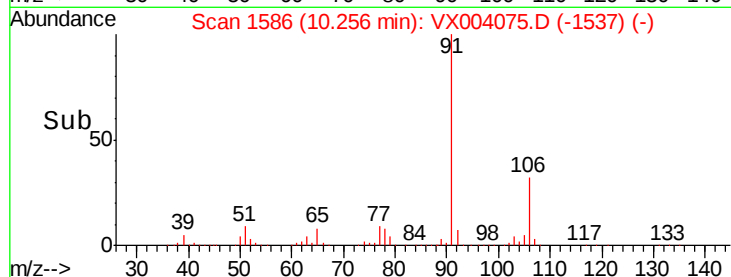
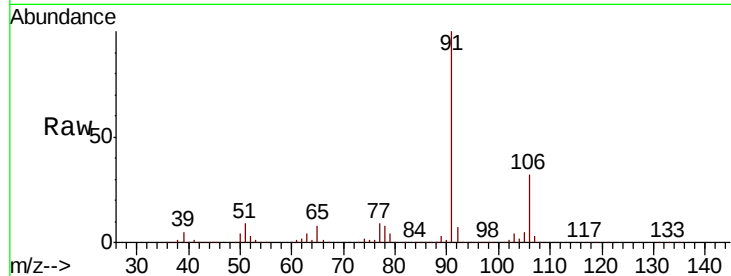




#67
Ethyl Benzene
Concen: 20.35 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

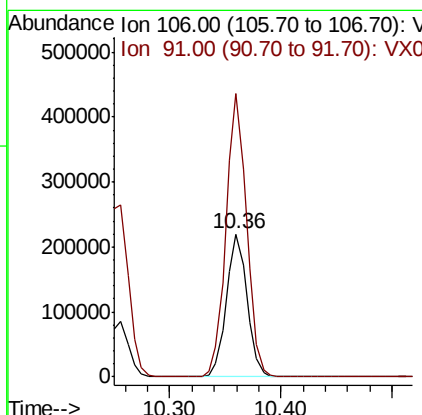
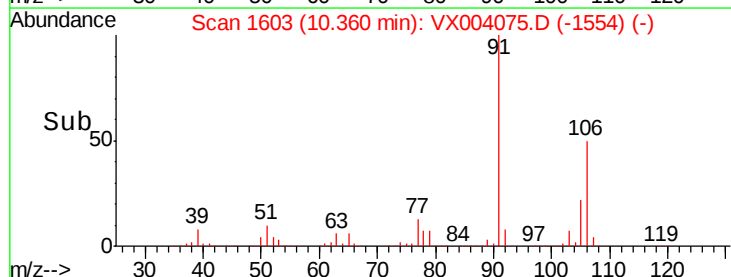
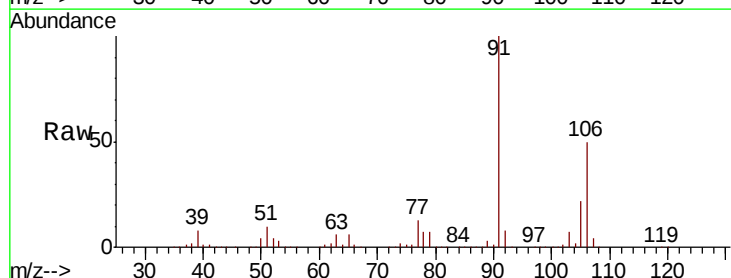
Instrument :
MSVOA_X
ClientSampled :
VX0815WBS01

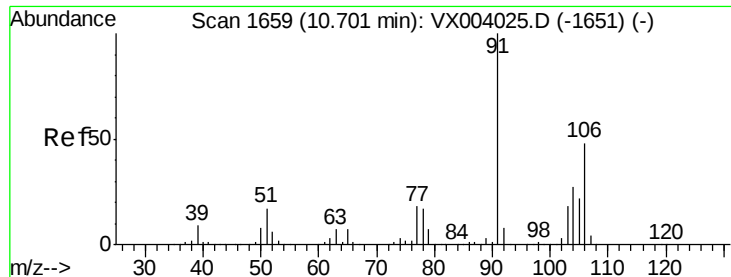
Tot Ion: 91 Resp: 355005
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9



#68
m/p-Xylenes
Concen: 41.17 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion: 106 Resp: 281203
Ion Ratio Lower Upper
106 100
91 197.9 162.3 243.5

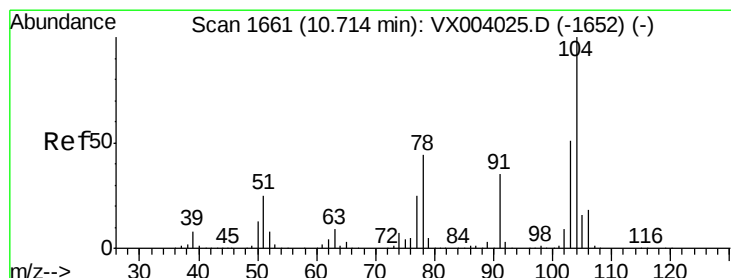
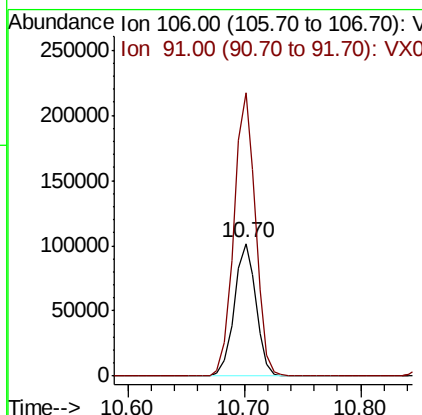
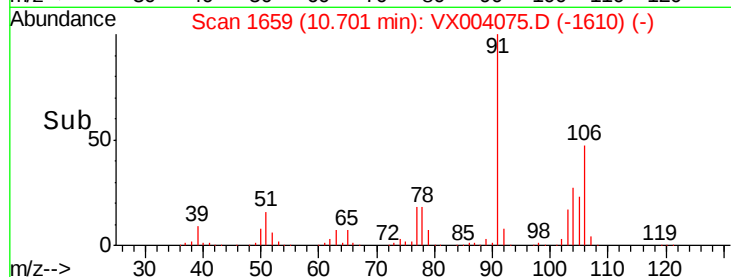
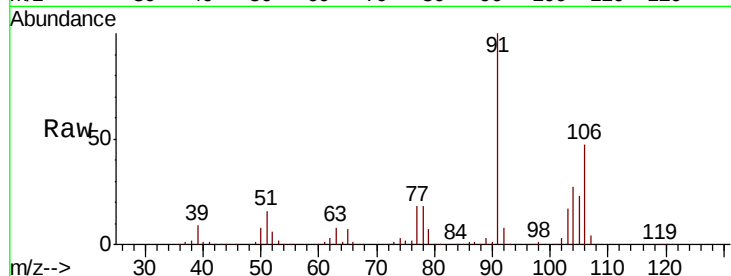




#69
o-Xylene
Concen: 20.23 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

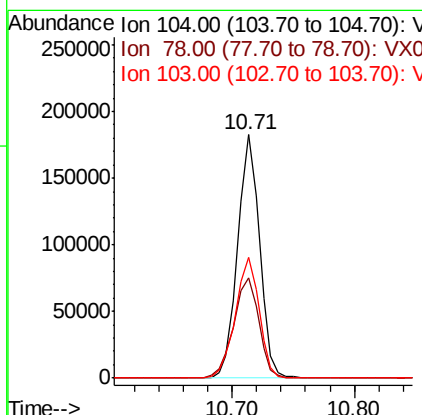
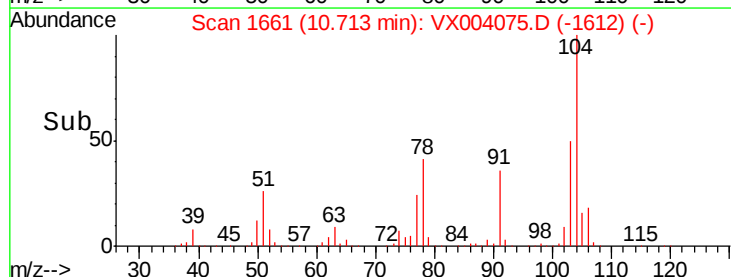
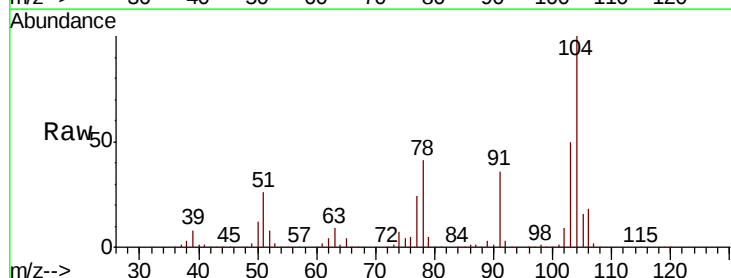
Instrument :
MSVOA_X
ClientSampled :
VX0815WBS01

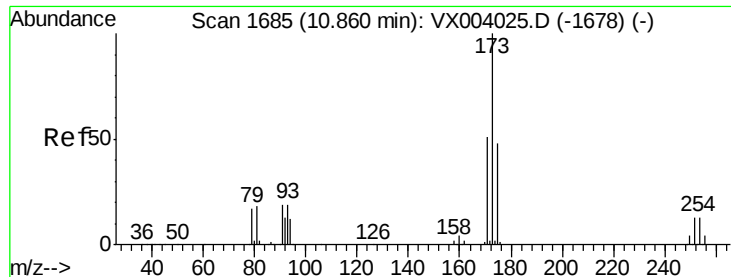
Tot Ion:106 Resp: 132046
Ion Ratio Lower Upper
106 100
91 212.3 101.9 305.7



#70
Styrene
Concen: 20.54 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion:104 Resp: 225647
Ion Ratio Lower Upper
104 100
78 47.5 39.8 59.6
103 54.0 44.3 66.5

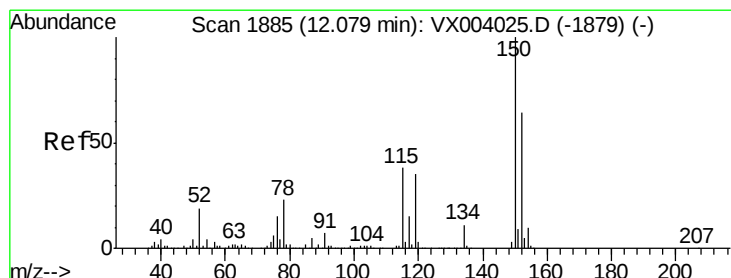
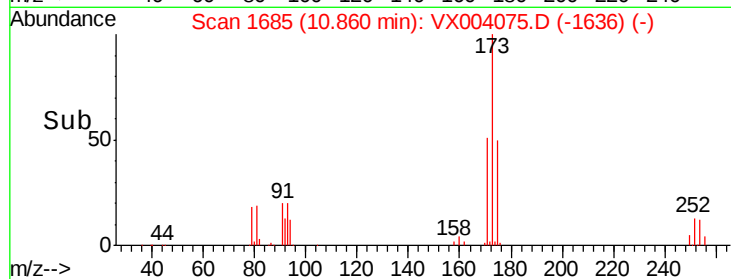
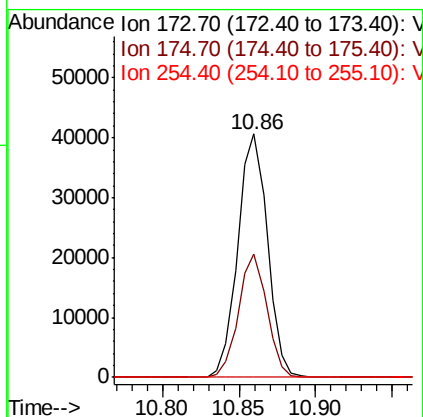
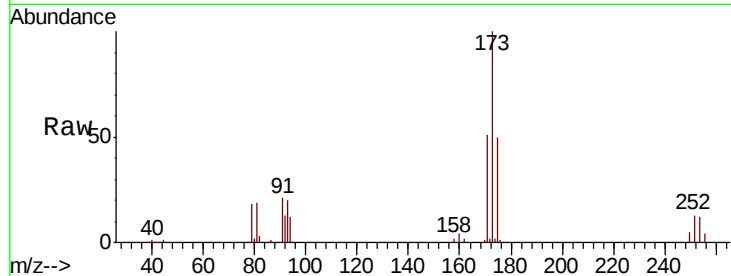




#71
Bromoform
Concen: 18.25 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

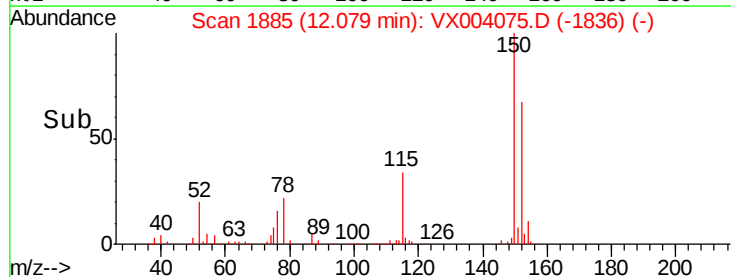
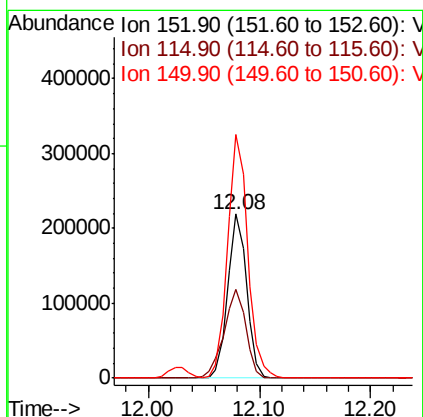
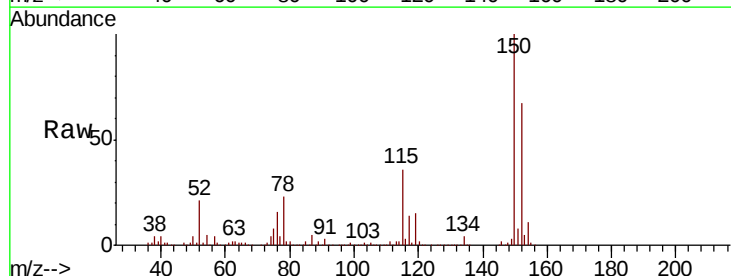
Instrument :
MSVOA_X
ClientSampled :
VX0815WBS01

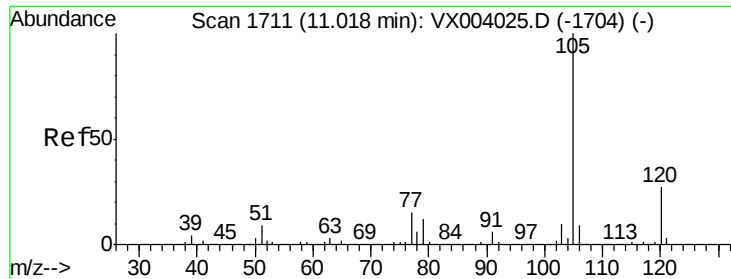
Tot Ion:173 Resp: 54360
Ion Ratio Lower Upper
173 100
175 48.8 24.9 74.7
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion:152 Resp: 257233
Ion Ratio Lower Upper
152 100
115 62.2 39.1 117.3
150 158.2 0.0 349.2





#73

Isopropylbenzene

Concen: 20.48 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

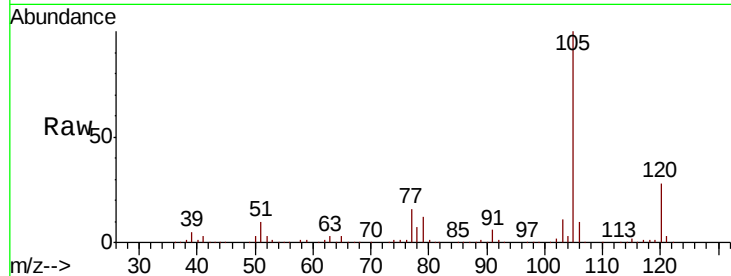
VX0815WBS01

Tot Ion:105 Resp: 356510

Ion Ratio Lower Upper

105 100

120 26.9 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

250000

200000

150000

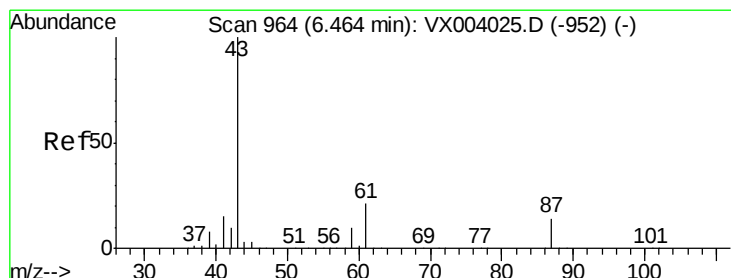
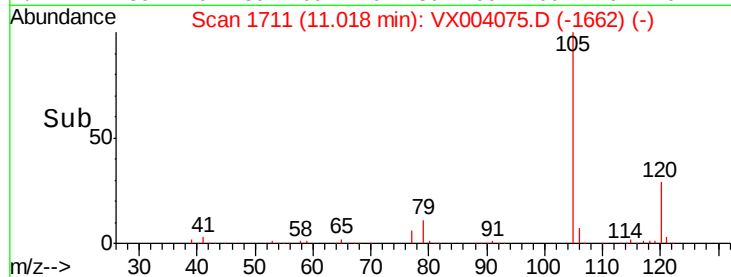
100000

50000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 19.90 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Tgt Ion: 43 Resp: 162926

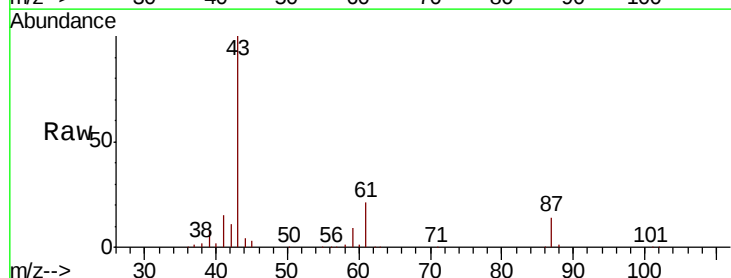
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.8 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.46

100000

80000

60000

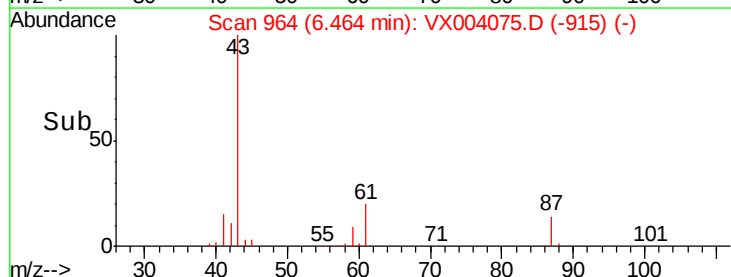
40000

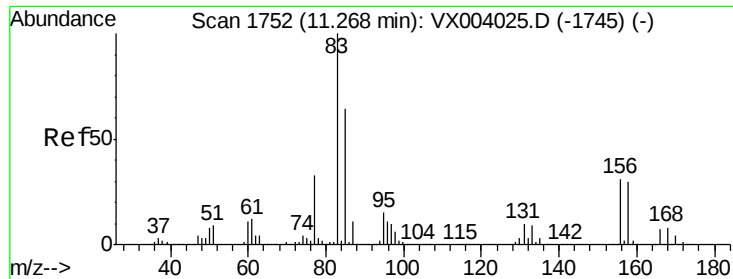
20000

0

Time-->

6.30 6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 20.07 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

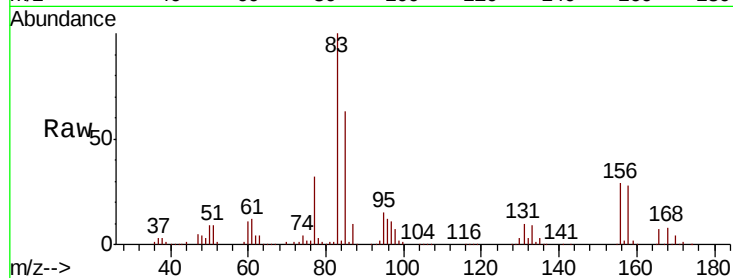
Tot Ion: 83 Resp: 122024

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

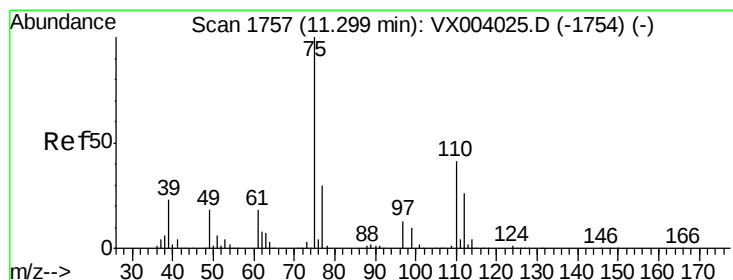
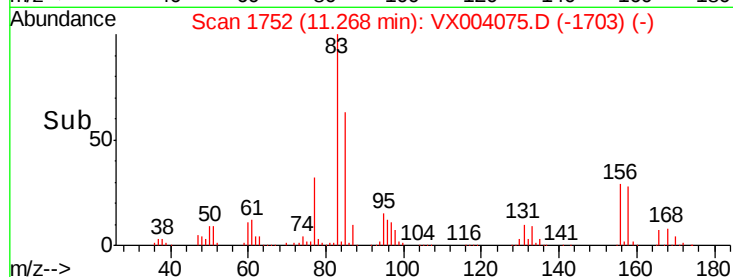
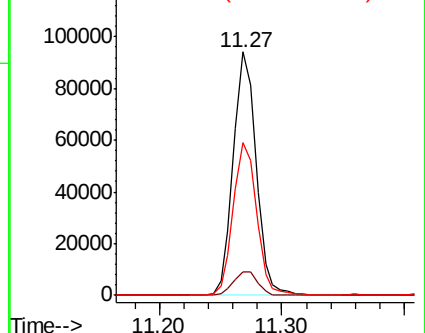
85 64.1 32.2 96.6



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: 26.32 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004075.D

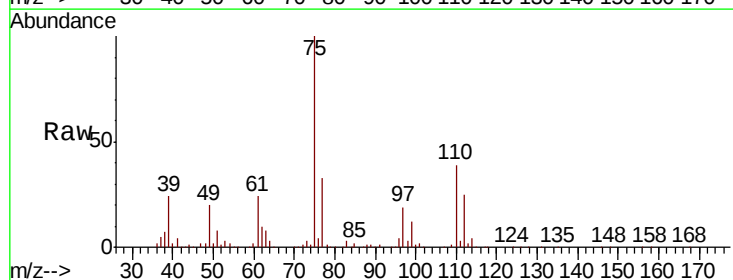
Acq: 15 Aug 2018 16:27

Tgt Ion: 75 Resp: 135749

Ion Ratio Lower Upper

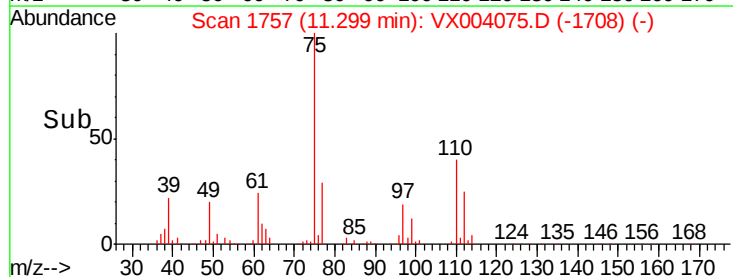
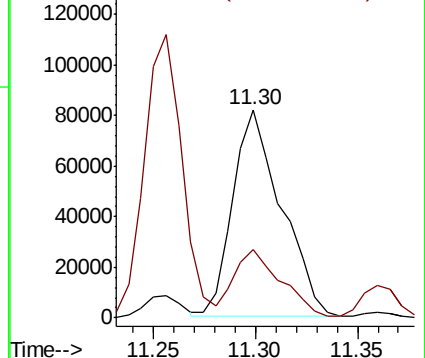
75 100

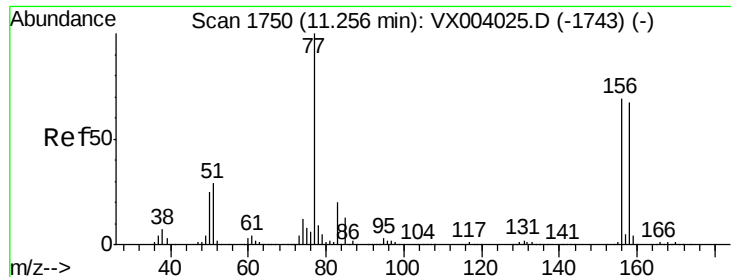
77 32.1 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.08 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampled :

VX0815WBS01

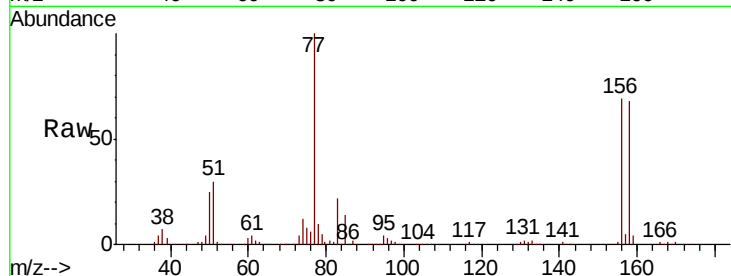
Tot Ion:156 Resp: 96354

Ion Ratio Lower Upper

156 100

77 149.5 74.1 222.2

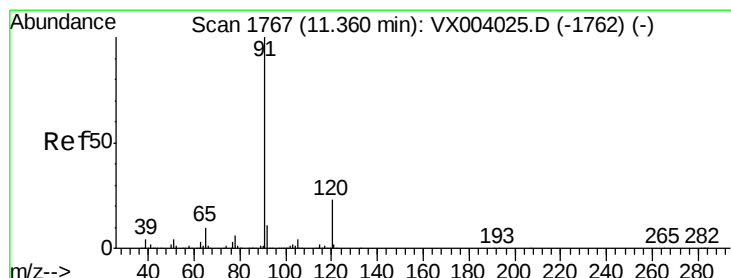
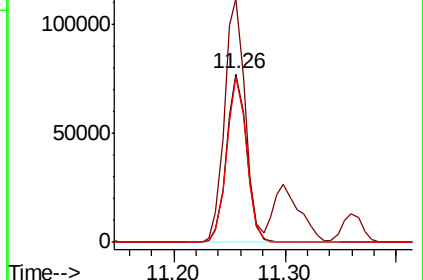
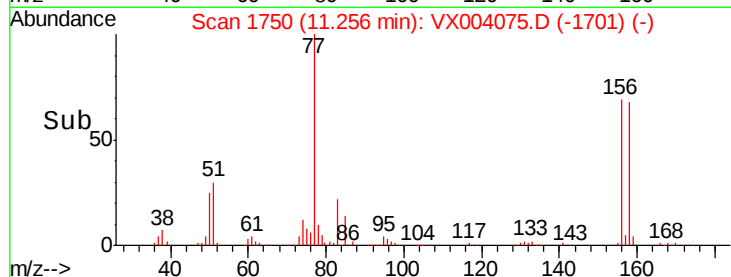
158 97.6 48.6 145.9



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: 21.27 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004075.D

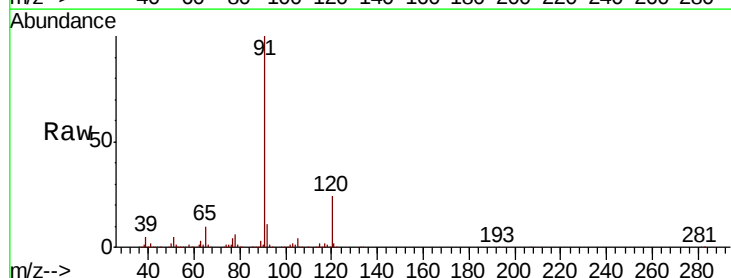
Acq: 15 Aug 2018 16:27

Tgt Ion: 91 Resp: 414323

Ion Ratio Lower Upper

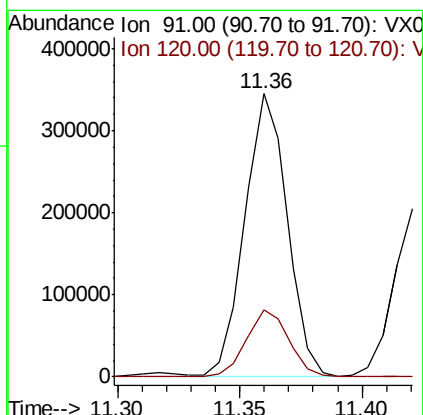
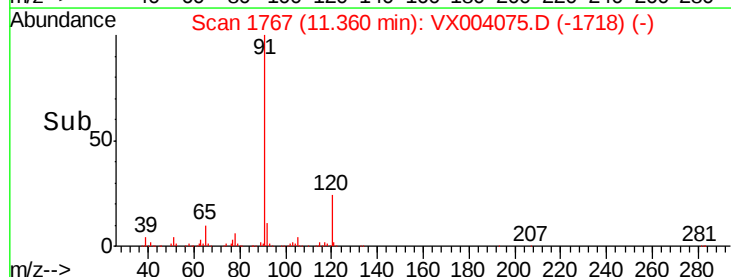
91 100

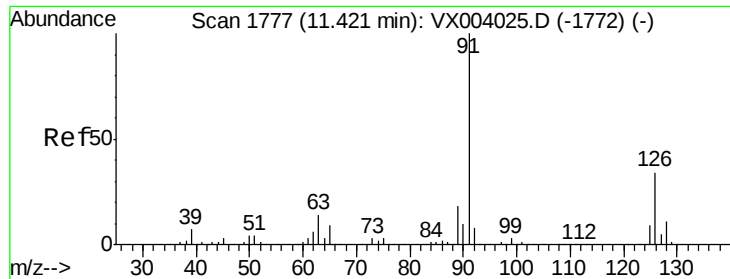
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

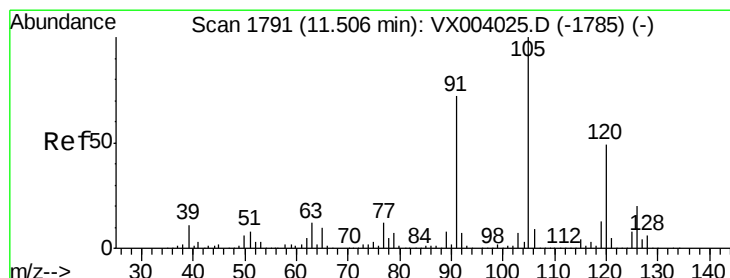
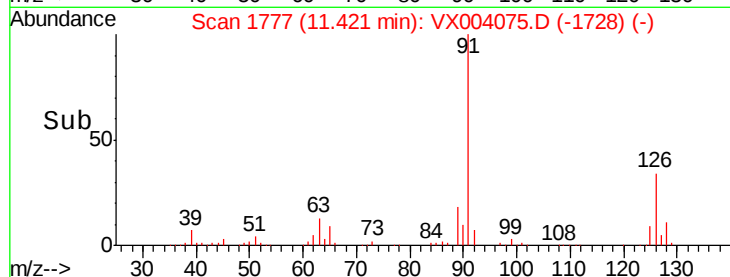
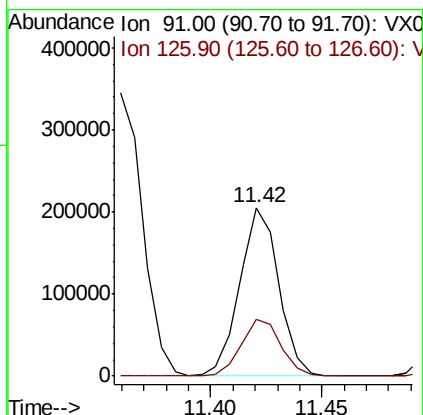
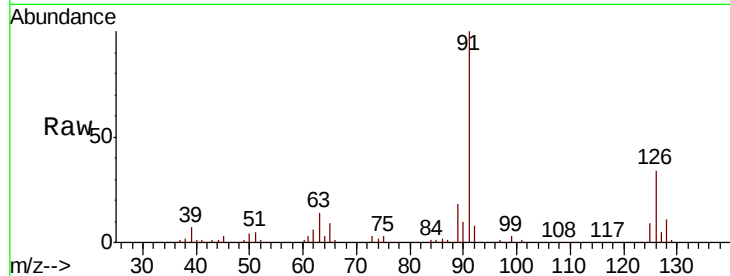




#79
 2-Chlorotoluene
 Concen: 21.03 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

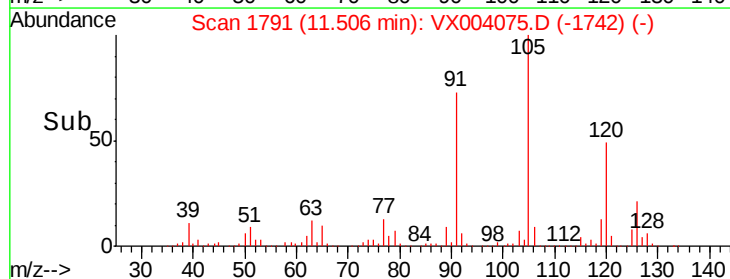
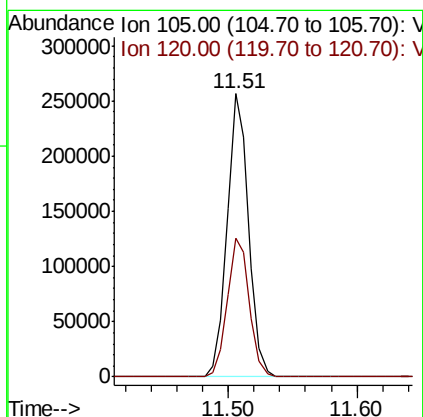
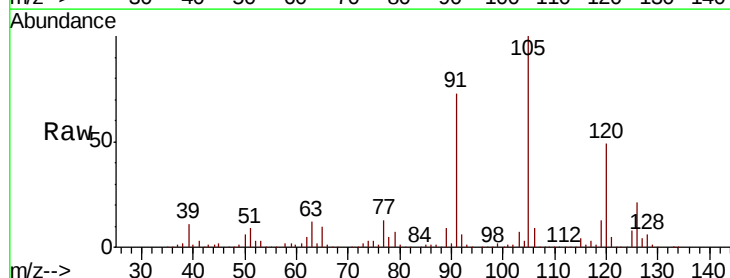
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

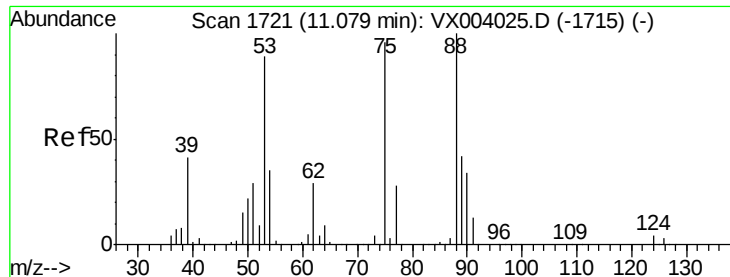
Tot Ion: 91 Resp: 249670
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.02 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion: 105 Resp: 299575
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.38 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

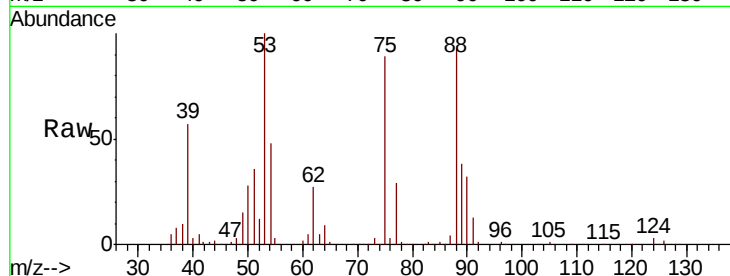
Tot Ion: 75 Resp: 30624

Ion Ratio Lower Upper

75 100

53 111.4 80.3 120.5

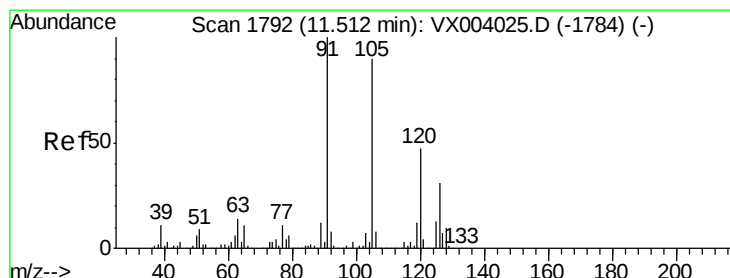
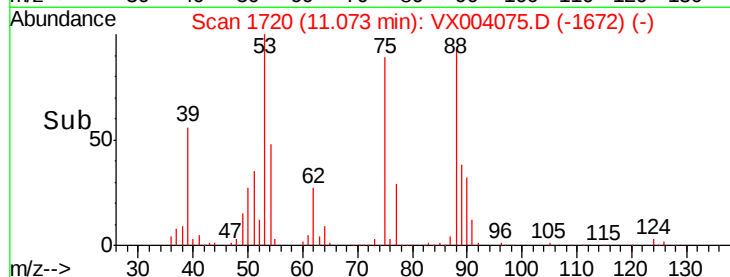
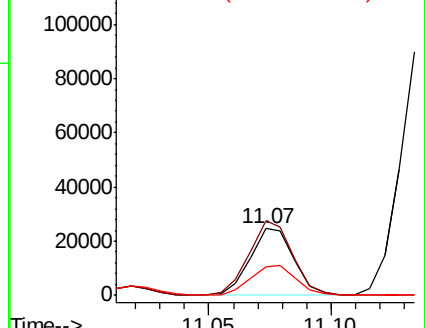
89 47.5 37.8 56.8



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: 20.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004075.D

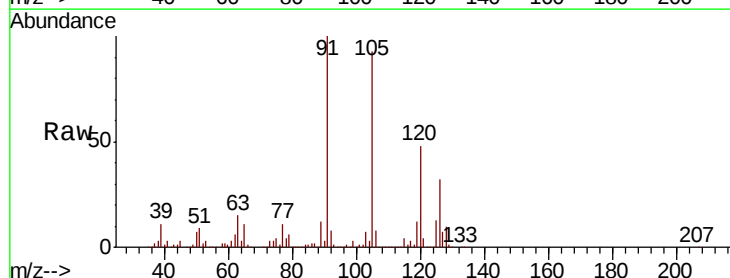
Acq: 15 Aug 2018 16:27

Tgt Ion: 91 Resp: 294328

Ion Ratio Lower Upper

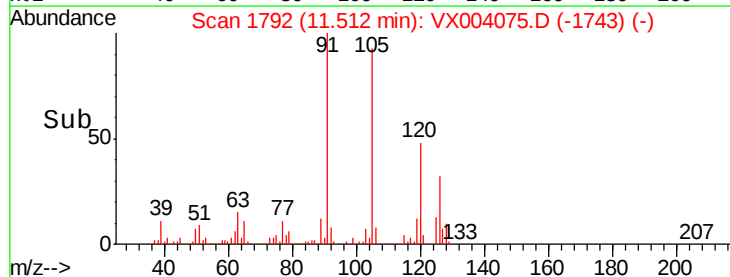
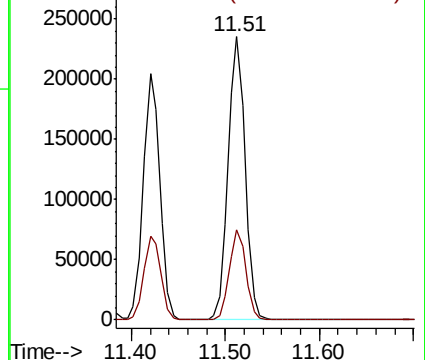
91 100

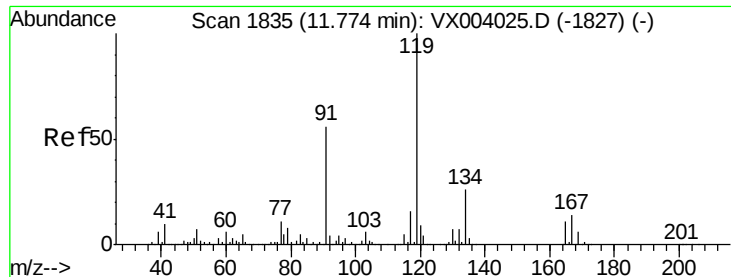
126 31.2 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

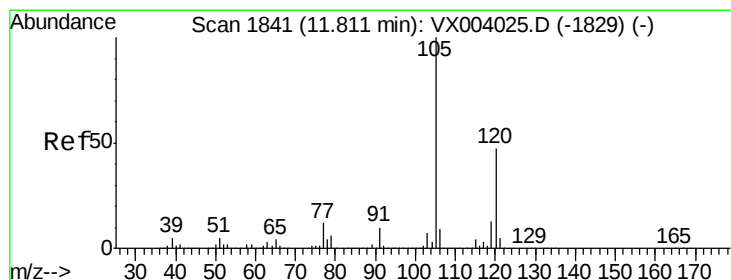
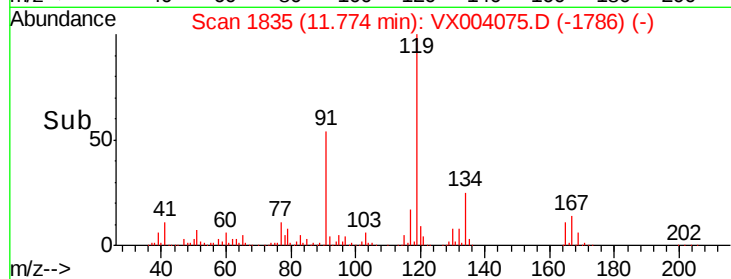
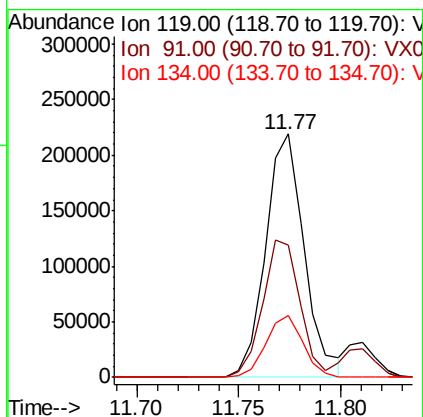
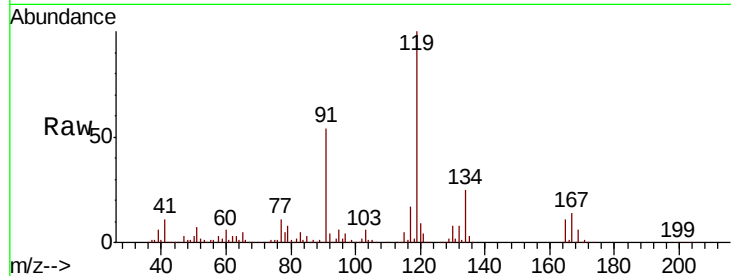




#83
 tert-Butylbenzene
 Concen: 20.11 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

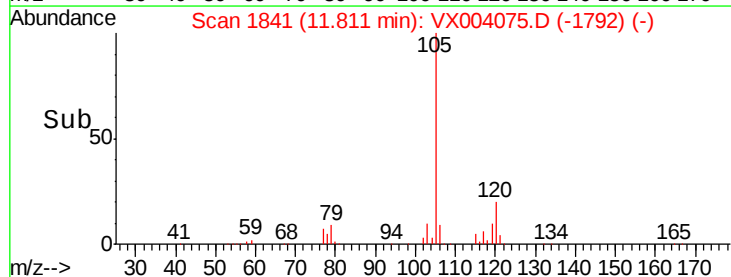
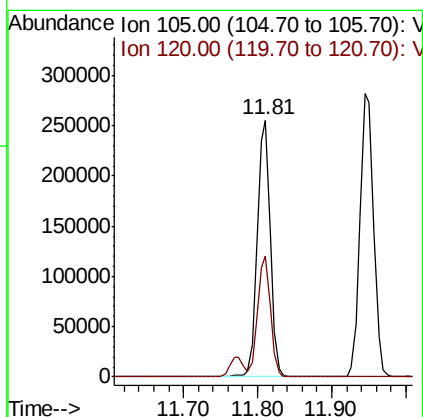
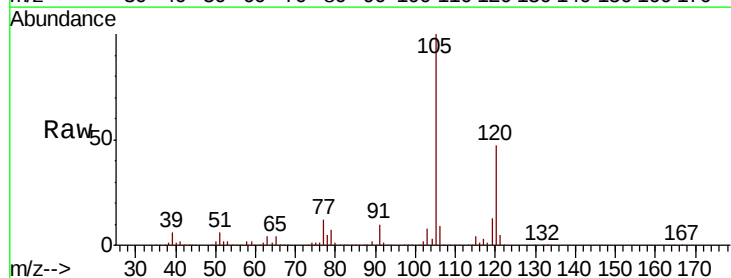
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

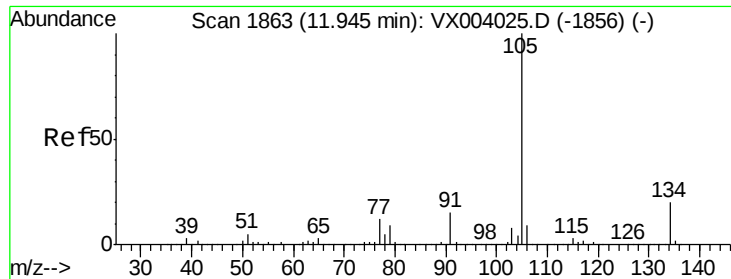
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.6	26.9	80.7
134	24.6	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.21 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2

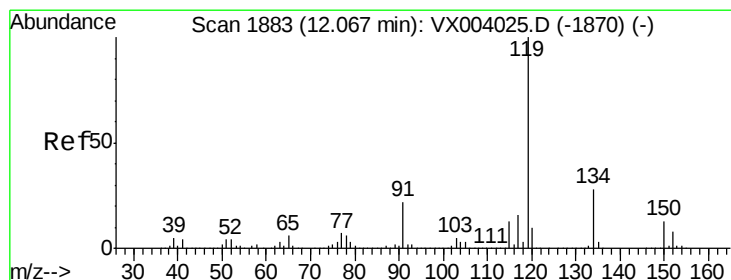
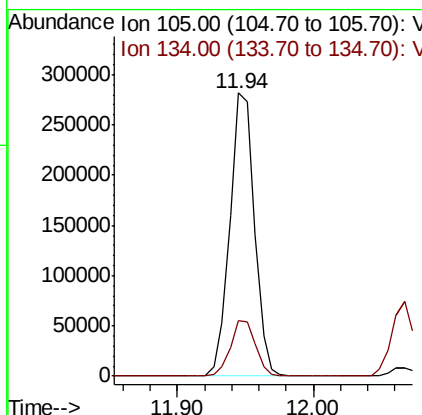
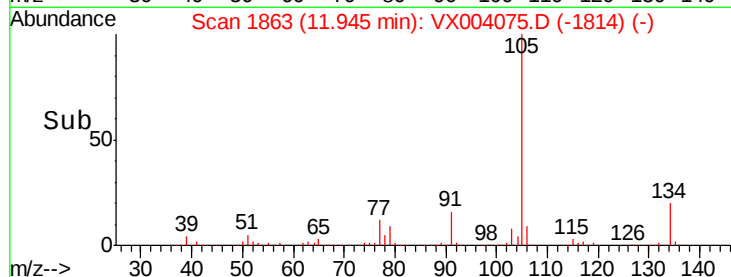
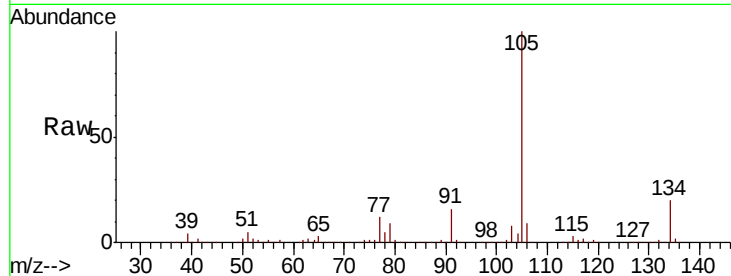




#85
 sec-Butylbenzene
 Concen: 21.00 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

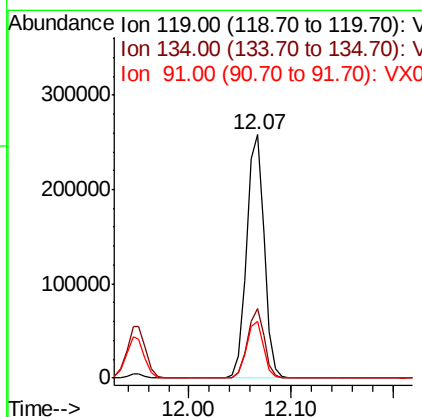
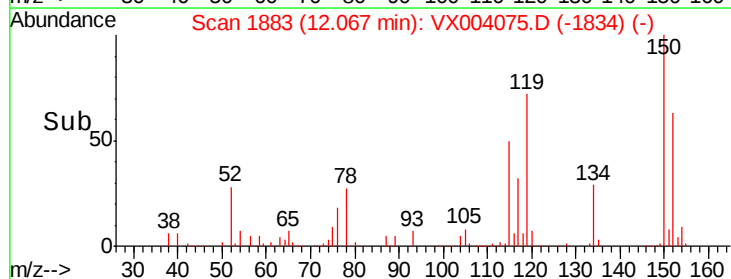
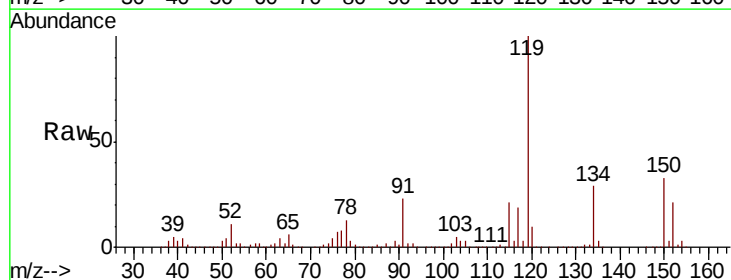
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

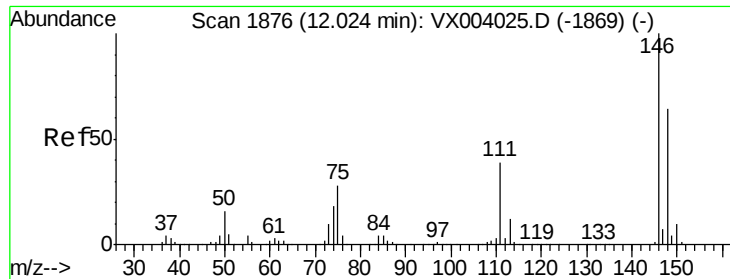
Tot Ion:105 Resp: 353177
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 20.16 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion:119 Resp: 306975
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.3 39.8
 91 22.7 10.9 32.7

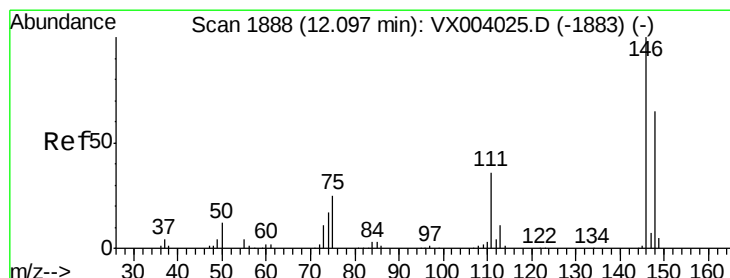
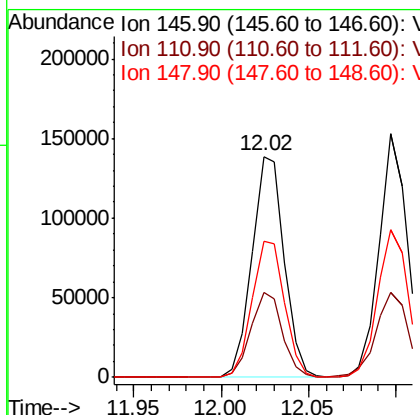
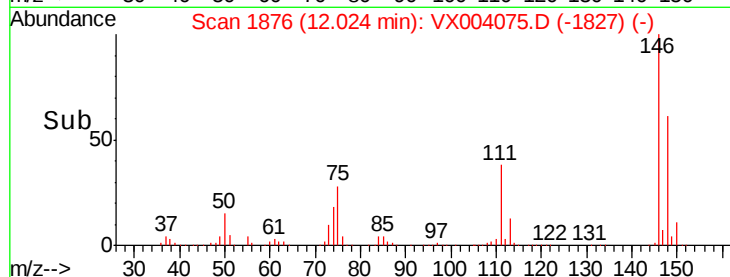
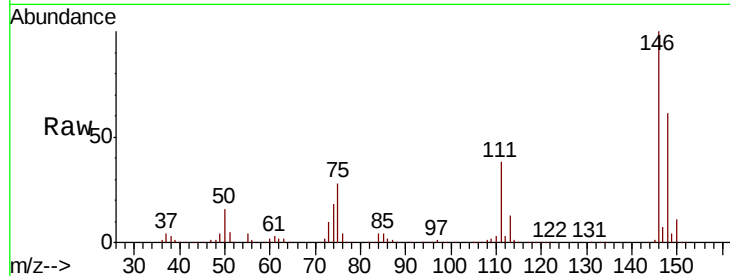




#87
 1,3-Dichlorobenzene
 Concen: 19.37 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

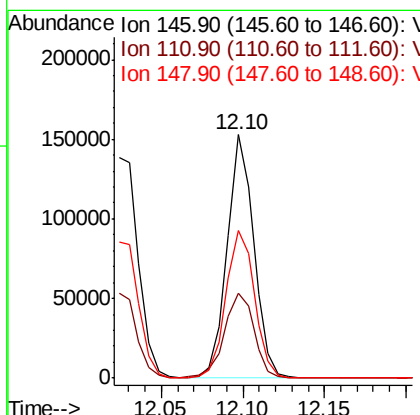
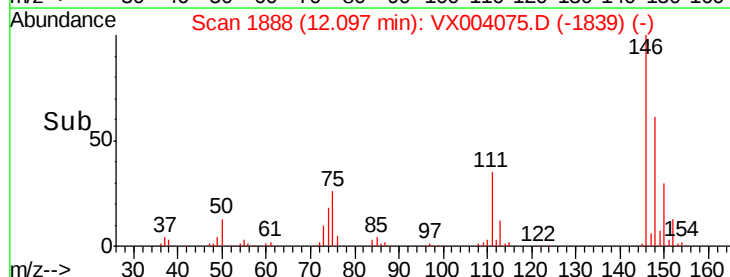
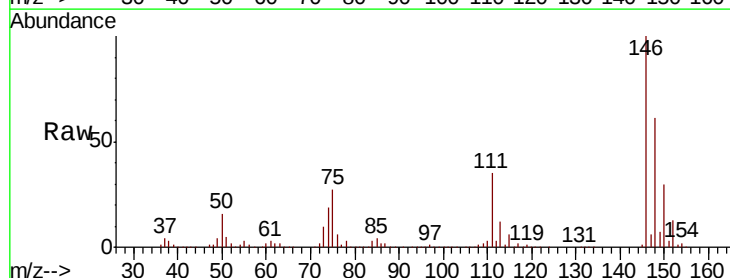
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

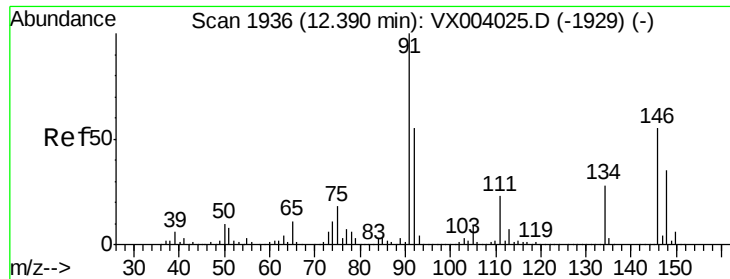
Tot Ion:146 Resp: 177316
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.8 56.4
 148 62.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.41 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion:146 Resp: 173373
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.4 55.0
 148 65.2 32.3 96.8





#89

n-Butylbenzene

Concen: 19.80 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampled :

VX0815WBS01

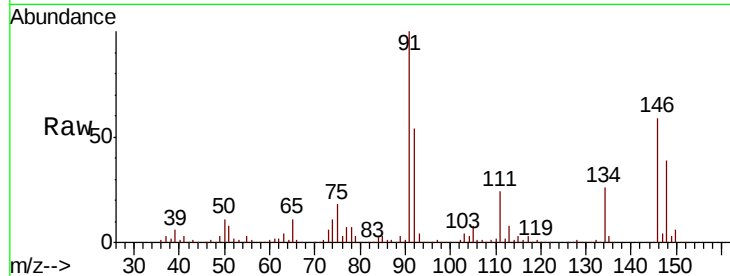
Tot Ion: 91 Resp: 237532

Ion Ratio Lower Upper

91 100

92 51.9 27.1 81.3

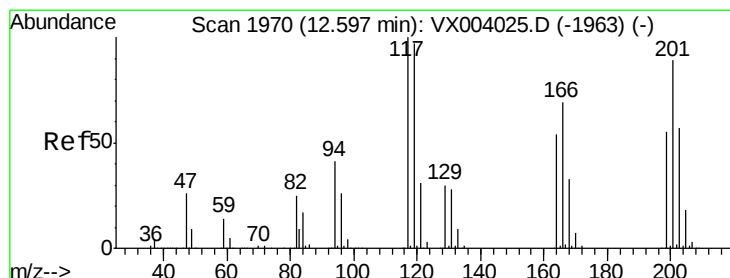
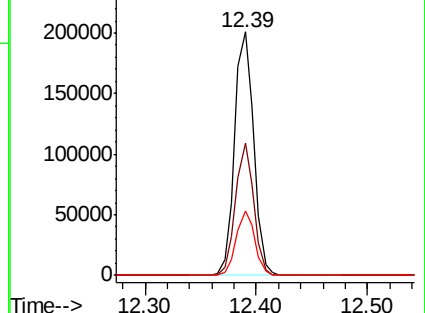
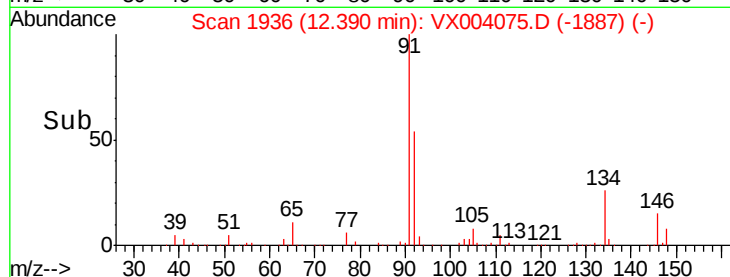
134 25.8 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.52 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX004075.D

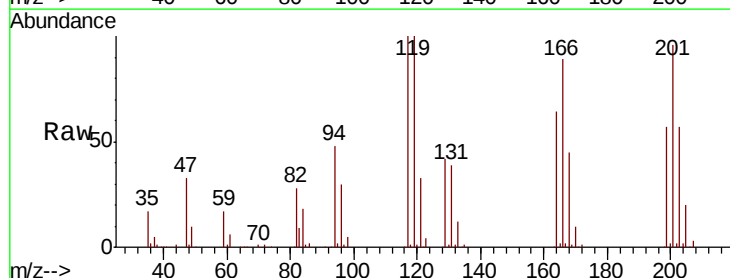
Acq: 15 Aug 2018 16:27

Tgt Ion: 117 Resp: 42200

Ion Ratio Lower Upper

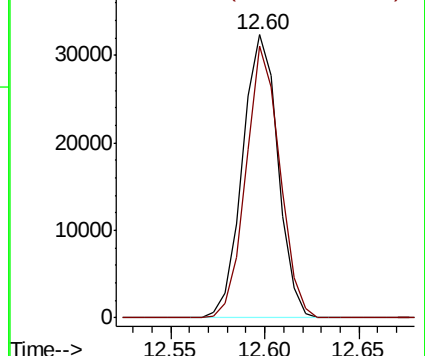
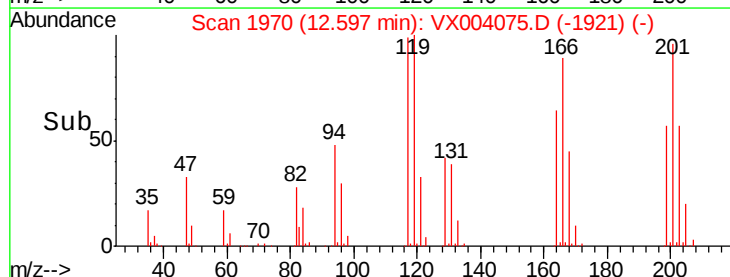
117 100

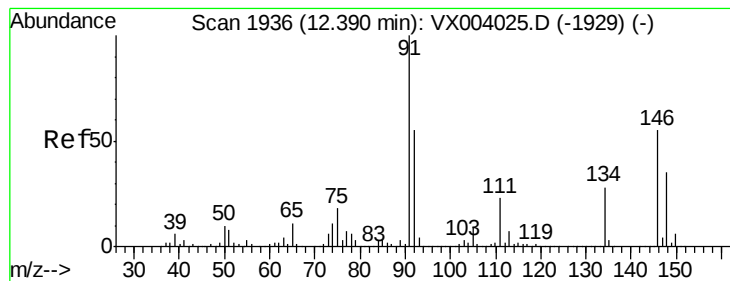
201 91.6 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.87 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

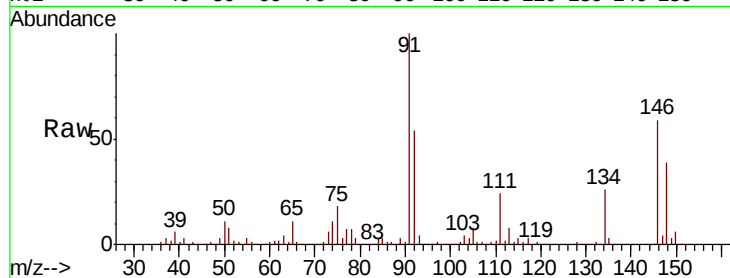
Tot Ion:146 Resp: 155721

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

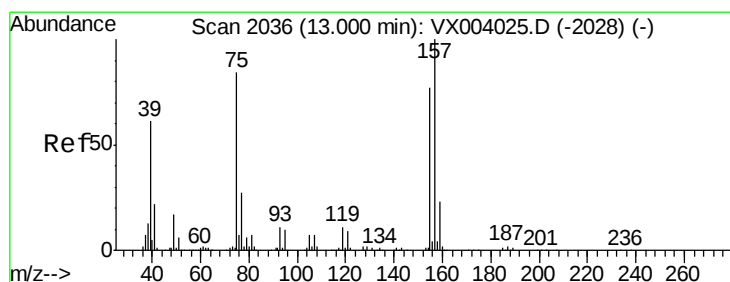
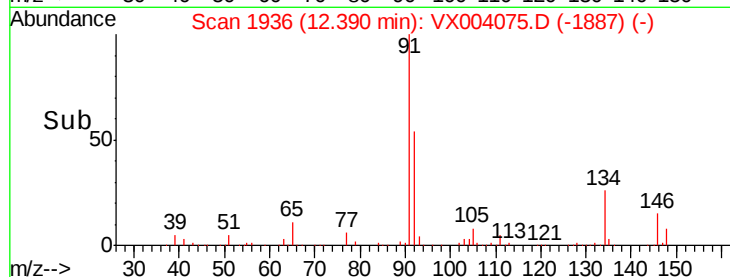
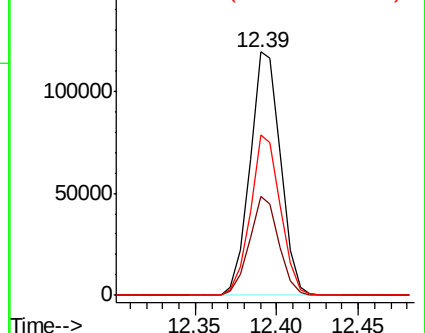
148 64.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.20 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

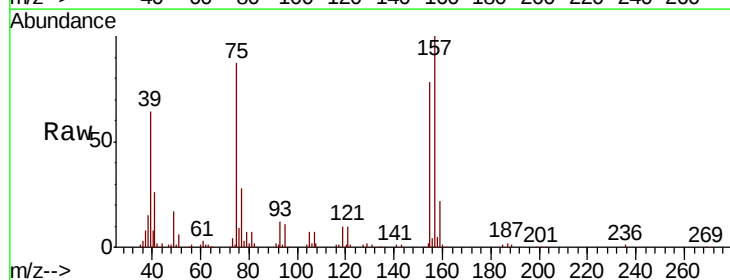
Tgt Ion: 75 Resp: 20516

Ion Ratio Lower Upper

75 100

155 97.0 48.7 146.1

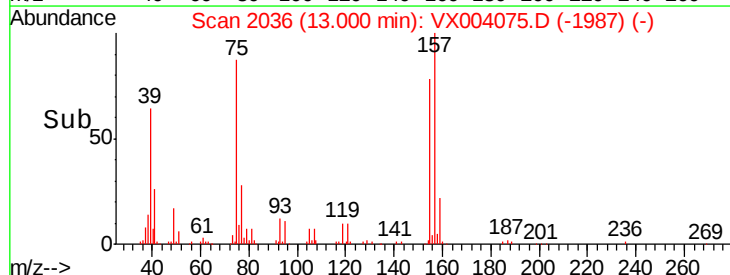
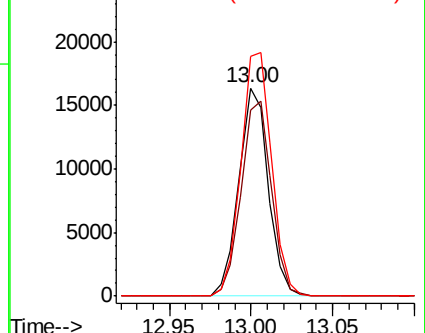
157 122.0 62.6 187.8

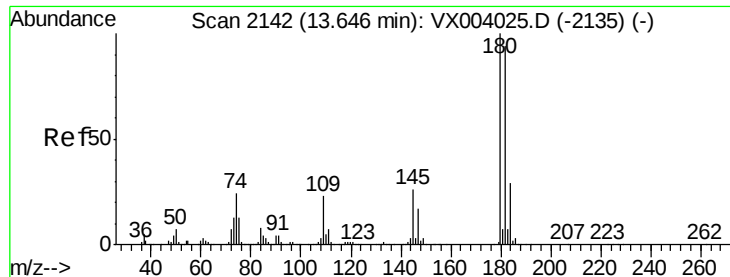


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

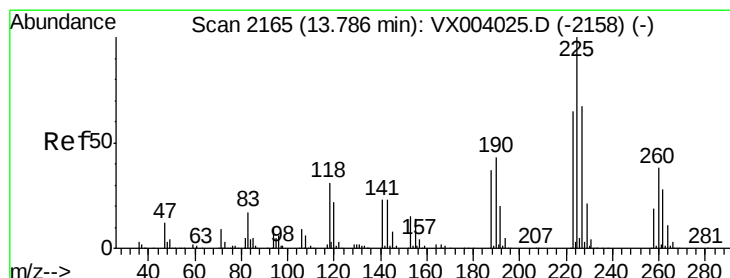
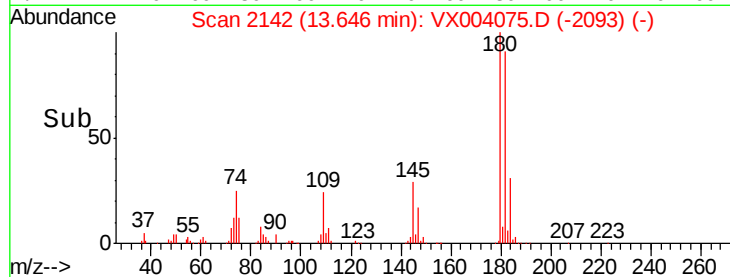
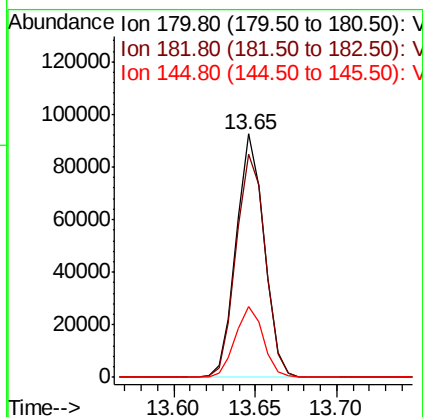
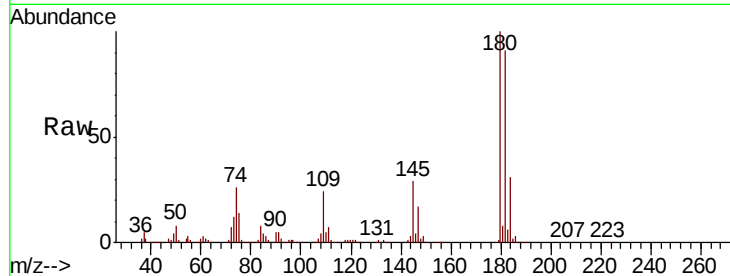




#93
 1,2,4-Trichlorobenzene
 Concen: 19.60 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

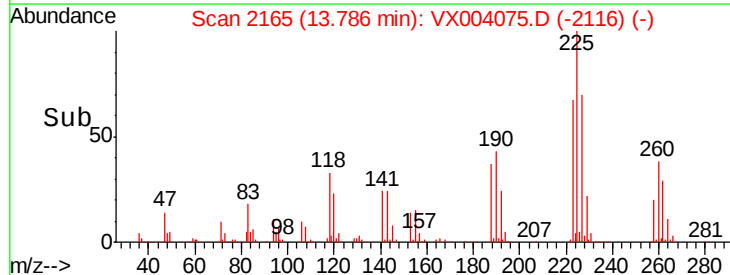
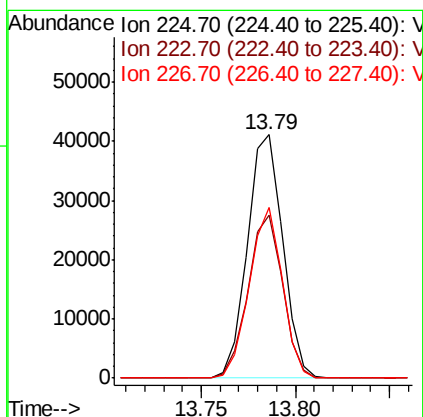
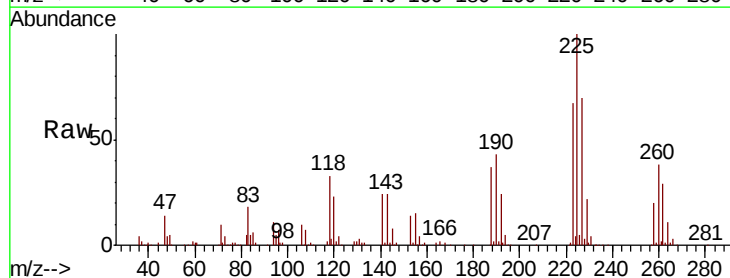
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

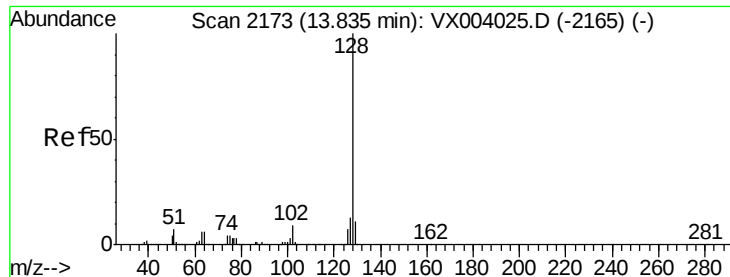
Tot Ion:180 Resp: 110594
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.7 143.1
 145 28.9 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 18.91 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion:225 Resp: 53476
 Ion Ratio Lower Upper
 225 100
 223 65.7 31.4 94.0
 227 65.7 32.1 96.5

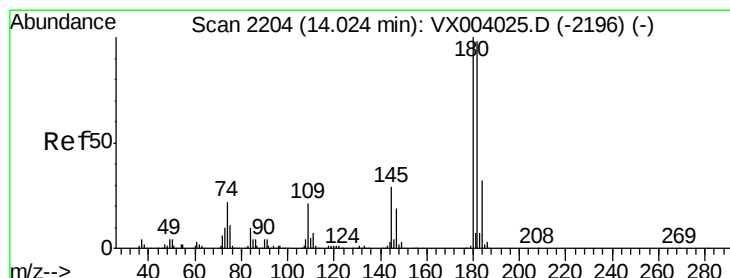
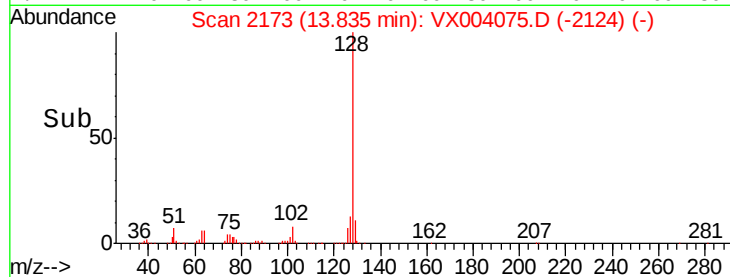
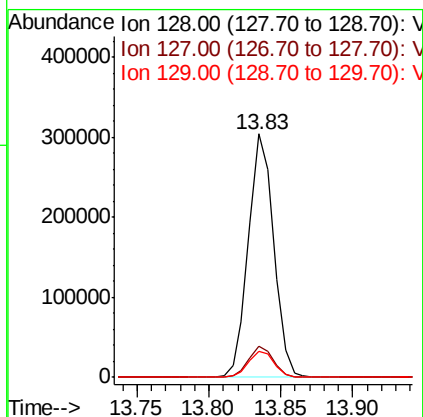
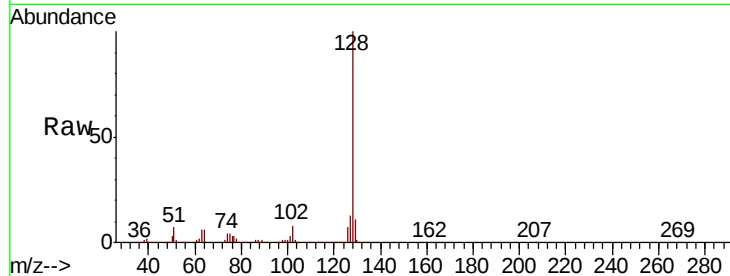




#95
Naphthalene
Concen: 21.17 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion:128 Resp: 368689
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.46 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion:180 Resp: 125875
Ion Ratio Lower Upper
180 100
182 96.6 48.1 144.4
145 29.9 14.9 44.7

