

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072418\
 Data File : VX003648.D
 Acq On : 24 Jul 2018 18:55
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

Quant Time: Jul 25 04:34:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 04:33:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	124312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	181291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104836	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	88055	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	5.51	113	73246	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.72	98	274455	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.14	95	101674	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	65132	46.004	ug/l	100
3) Chloromethane	1.32	50	83988	45.033	ug/l	99
4) Vinyl Chloride	1.40	62	90293	47.336	ug/l	97
5) Bromomethane	1.64	94	50647	54.986	ug/l	95
6) Chloroethane	1.72	64	54718	41.819	ug/l	99
7) Trichlorofluoromethane	1.92	101	118468	48.248	ug/l	97
8) Diethyl Ether	2.19	74	51478	47.846	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72272	47.826	ug/l	99
10) Methyl Iodide	2.51	142	101497	49.838	ug/l	99
11) Tert butyl alcohol	3.09	59	102544	232.964	ug/l	99
12) 1,1-Dichloroethene	2.37	96	69242	48.157	ug/l	95
13) Acrolein	2.29	56	55317	248.558	ug/l	97
14) Allyl chloride	2.73	41	139969	46.699	ug/l	98
15) Acrylonitrile	3.15	53	252604	237.516	ug/l	100
16) Acetone	2.45	43	202018	233.522	ug/l	99
17) Carbon Disulfide	2.57	76	201288	48.668	ug/l	100
18) Methyl Acetate	2.78	43	123031	47.088	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	249083	49.050	ug/l	96
20) Methylene Chloride	2.86	84	81031	47.272	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	74057	47.898	ug/l	89
22) Diisopropyl ether	3.88	45	266479	48.693	ug/l	95
23) Vinyl Acetate	3.83	43	1152500	245.839	ug/l	100
24) 1,1-Dichloroethane	3.70	63	145288	47.103	ug/l	99
25) 2-Butanone	4.72	43	326426	244.252	ug/l	95
26) 2,2-Dichloropropane	4.59	77	86812	44.514	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	80116	47.725	ug/l	99
28) Bromochloromethane	5.03	49	55223	44.615	ug/l	100
29) Tetrahydrofuran	5.17	42	207877	238.947	ug/l	96
30) Chloroform	5.22	83	132897	47.502	ug/l	98
31) Cyclohexane	5.57	56	126864	51.240	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	112171	48.278	ug/l	99
36) 1,1-Dichloropropene	5.80	75	105075	49.586	ug/l	98
37) Ethyl Acetate	4.87	43	122836	48.207	ug/l	99
38) Carbon Tetrachloride	5.79	117	100331	49.123	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	120177	51.522	ug/l	99
40) Benzene	6.15	78	315382	50.292	ug/l	100
41) Methacrylonitrile	5.07	41	66811	47.350	ug/l	99
42) 1,2-Dichloroethane	6.20	62	106689	48.337	ug/l	99
43) Isopropyl Acetate	6.47	43	188035	50.585	ug/l	99
44) Trichloroethene	7.21	130	82637	49.150	ug/l	99
45) 1,2-Dichloropropane	7.52	63	81103	50.033	ug/l	99
46) Dibromomethane	7.67	93	52174	50.103	ug/l	99
47) Bromodichloromethane	7.90	83	97036	49.701	ug/l	99
48) Methyl methacrylate	7.78	41	96900	51.370	ug/l	100
49) 1,4-Dioxane	7.76	88	42082	999.957	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	624653	249.053	ug/l	100
52) Toluene	8.79	92	194001	49.770	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	130973	55.060	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	111443	51.554	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	78290	49.136	ug/l	98
56) Ethyl methacrylate	9.19	69	126388	53.303	ug/l	99
57) 1,3-Dichloropropane	9.38	76	132008	49.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	324406	272.264	ug/l	99
59) 2-Hexanone	9.50	43	486214	252.718	ug/l	100
60) Dibromochloromethane	9.59	129	78293	51.806	ug/l	100
61) 1,2-Dibromoethane	9.68	107	82670	49.828	ug/l	100
64) Tetrachloroethene	9.34	164	76584	48.061	ug/l	99
65) Chlorobenzene	10.14	112	214201	48.834	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	75917	49.784	ug/l	100
67) Ethyl Benzene	10.26	91	372669	50.757	ug/l	100
68) m/p-Xylenes	10.36	106	286635	101.762	ug/l	99
69) o-Xylene	10.70	106	138876	51.215	ug/l	100
70) Styrene	10.71	104	236871	52.002	ug/l	100
71) Bromoform	10.86	173	60807	50.428	ug/l #	99
73) Isopropylbenzene	11.02	105	371597	51.879	ug/l	99
74) N-amyl acetate	6.47	43	188035	50.334	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	126734	47.913	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	146731	66.729	ug/l	83
77) Bromobenzene	11.26	156	96955	49.838	ug/l	99
78) n-propylbenzene	11.37	91	433855	52.456	ug/l	100
79) 2-Chlorotoluene	11.43	91	253691	50.466	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	316788	52.276	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	37091	52.262	ug/l	99
82) 4-Chlorotoluene	11.51	91	300339	50.720	ug/l	100
83) tert-Butylbenzene	11.77	119	307178	51.803	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	326836	52.477	ug/l	100
85) sec-Butylbenzene	11.95	105	370649	52.370	ug/l	100
86) p-Isopropyltoluene	12.07	119	334437	52.647	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	181448	50.081	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	184528	48.988	ug/l	100
89) n-Butylbenzene	12.39	91	294786	51.486	ug/l	100
90) Hexachloroethane	12.60	117	48980	50.913	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	183243	49.503	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	27726	50.355	ug/l	100

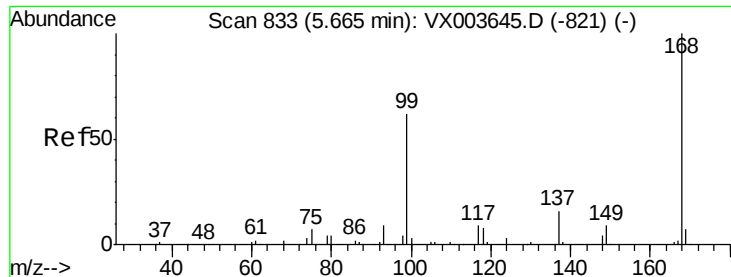
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	133884	50.688	ug/l	100
94) Hexachlorobutadiene	13.79	225	60080	49.165	ug/l	99
95) Naphthalene	13.84	128	424846	53.180	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136919	51.032	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

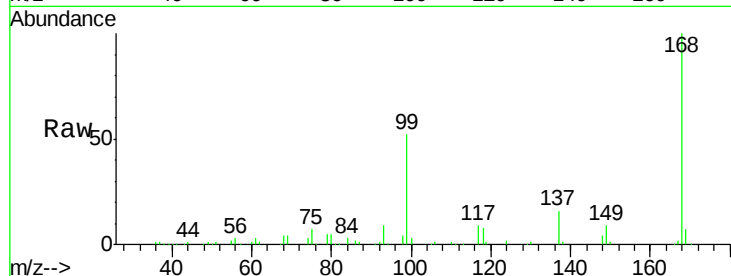
ICVVX072418

Tgt Ion:168 Resp: 124312

Ion Ratio Lower Upper

168 100

99 51.4 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

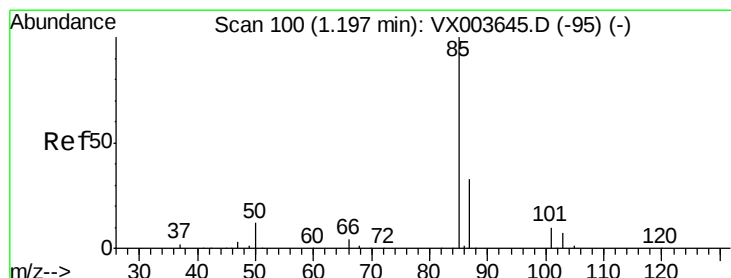
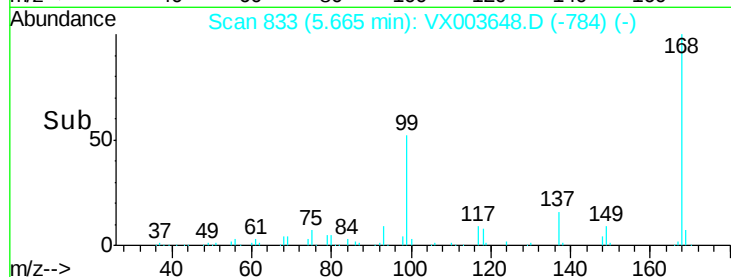
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.004 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003648.D

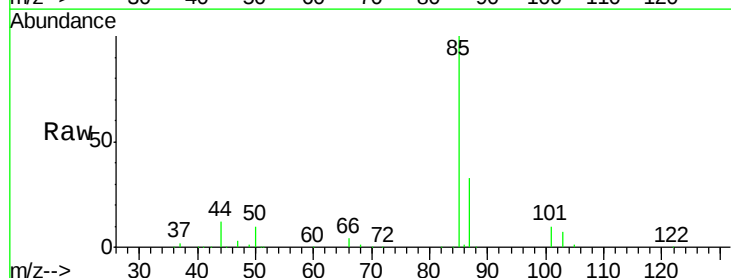
Acq: 24 Jul 2018 18:55

Tgt Ion: 85 Resp: 65132

Ion Ratio Lower Upper

85 100

87 32.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

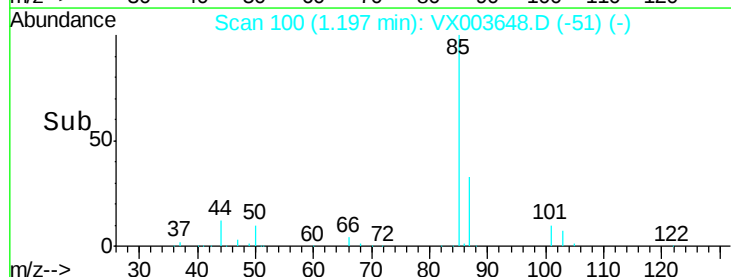
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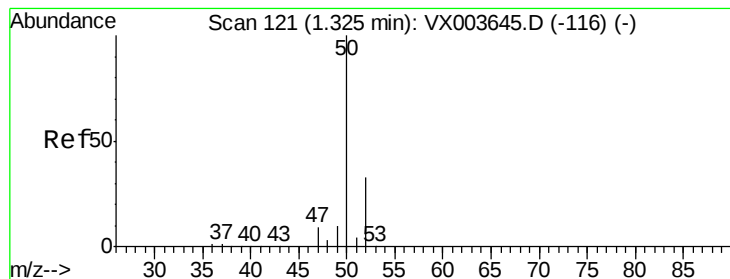
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.033 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

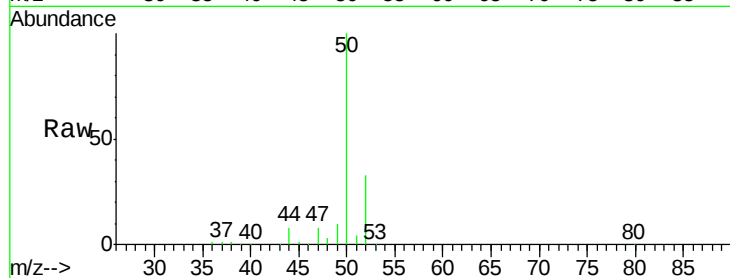
ICVVX072418

Tgt Ion: 50 Resp: 83988

Ion Ratio Lower Upper

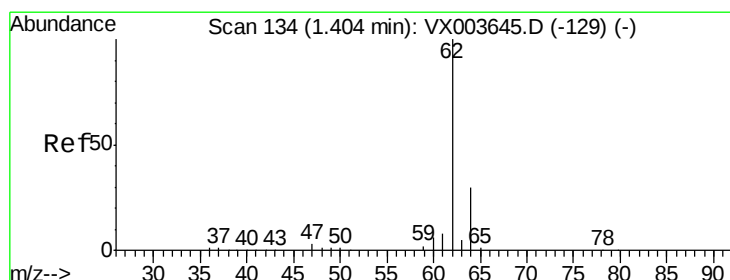
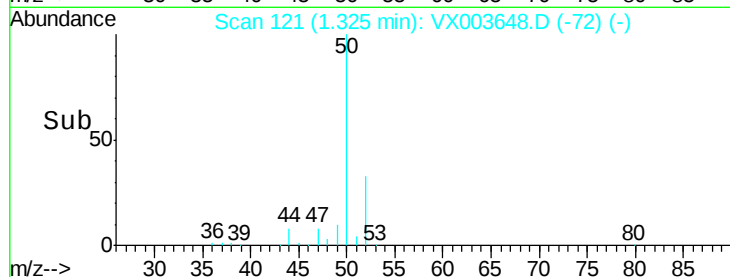
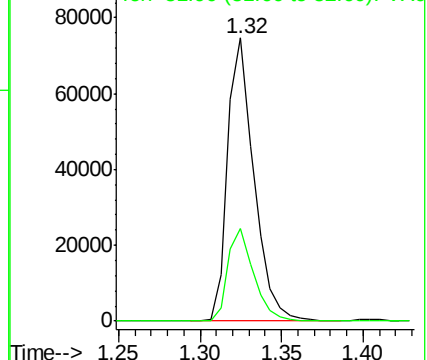
50 100

52 32.6 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.336 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003648.D

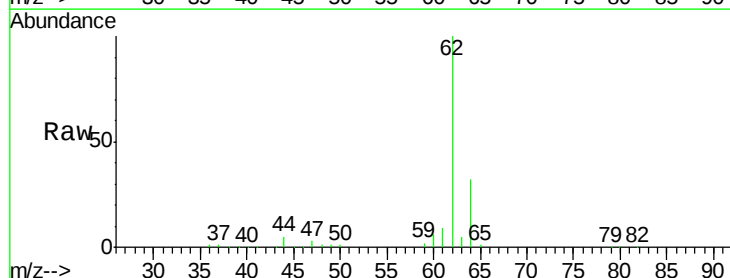
Acq: 24 Jul 2018 18:55

Tgt Ion: 62 Resp: 90293

Ion Ratio Lower Upper

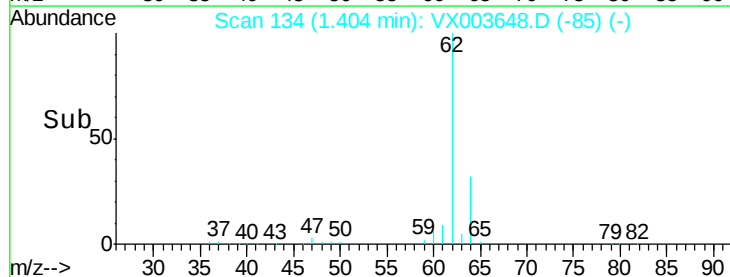
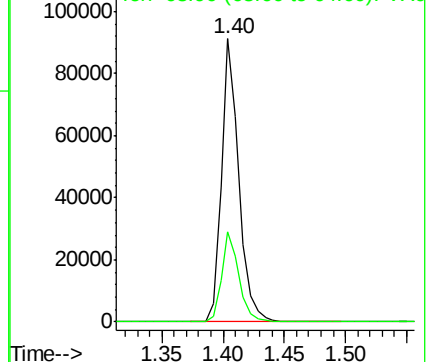
62 100

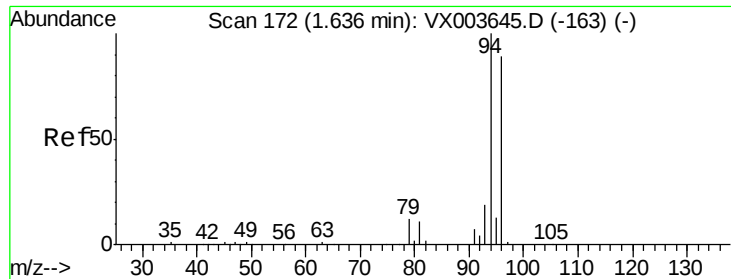
64 32.1 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.986 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

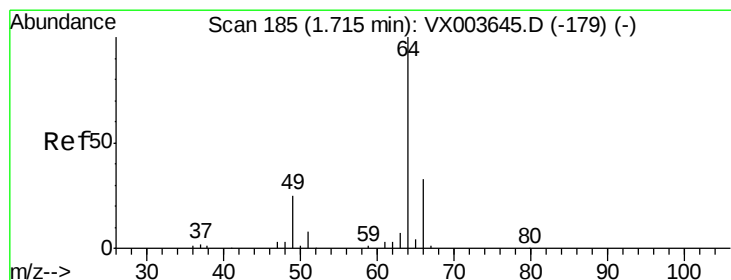
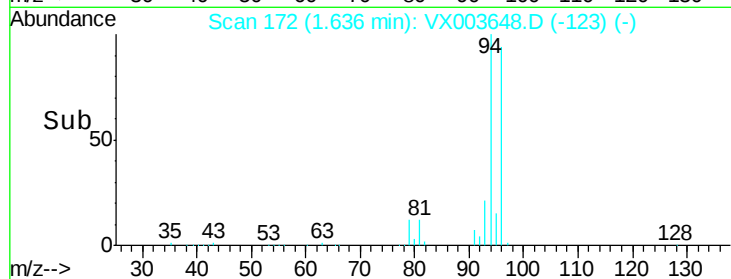
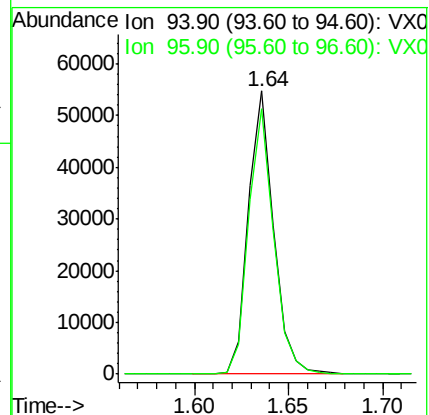
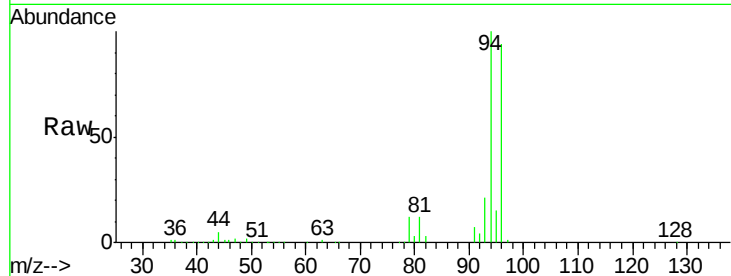
ICVVX072418

Tgt Ion: 94 Resp: 50647

Ion Ratio Lower Upper

94 100

96 93.9 71.3 106.9



#6

Chloroethane

Concen: 41.819 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003648.D

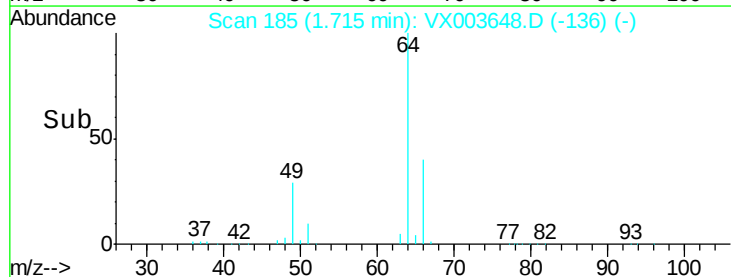
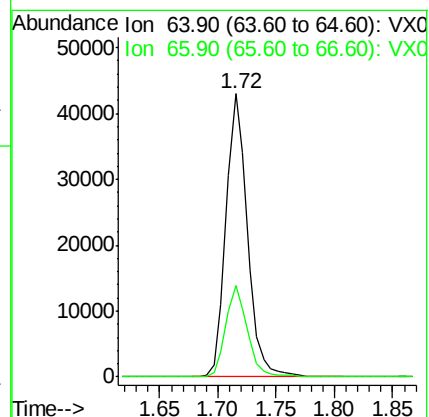
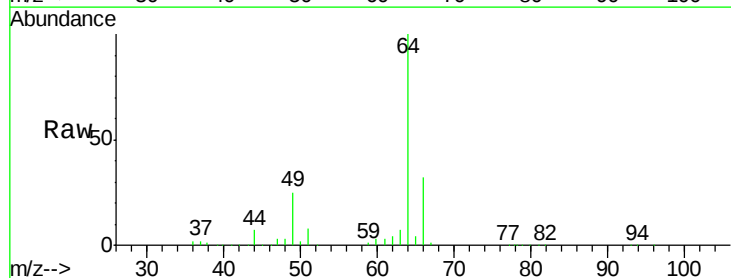
Acq: 24 Jul 2018 18:55

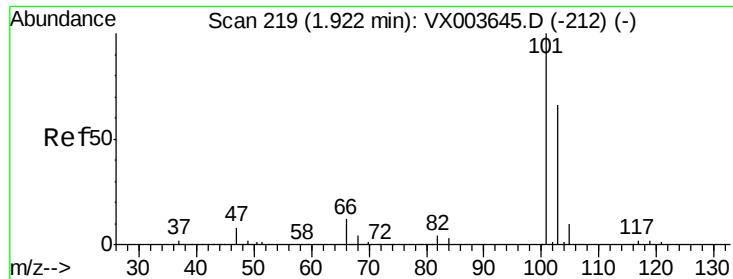
Tgt Ion: 64 Resp: 54718

Ion Ratio Lower Upper

64 100

66 32.4 26.3 39.5



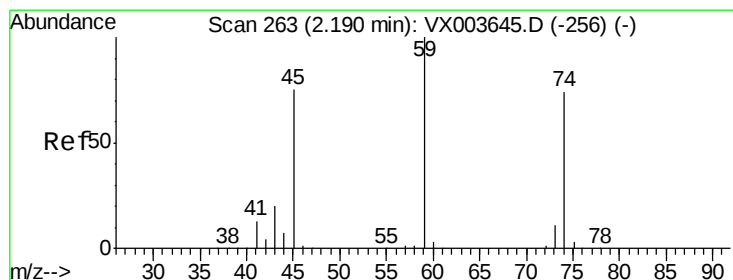
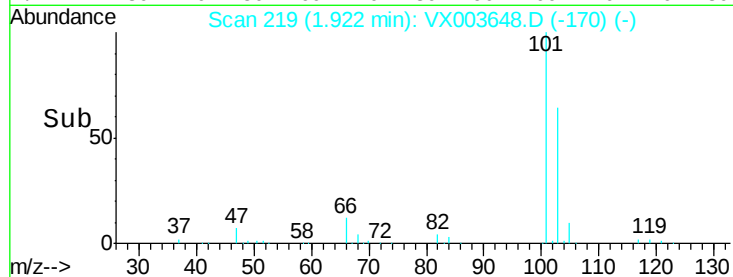
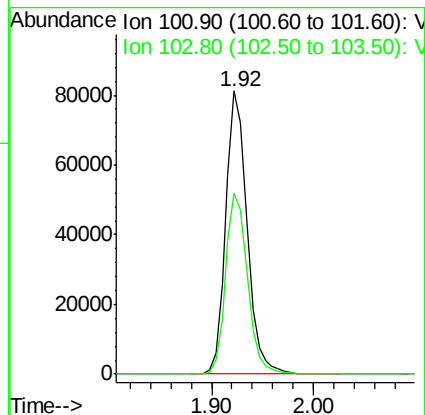
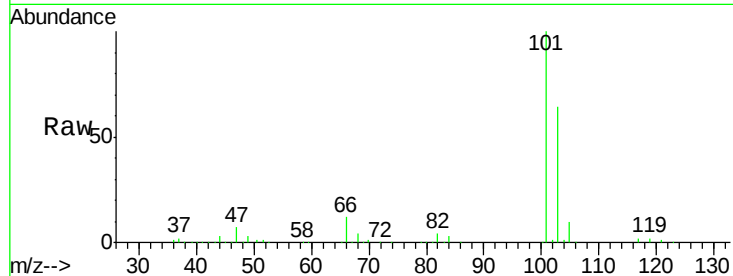


#7

Trichlorofluoromethane
Concen: 48.248 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

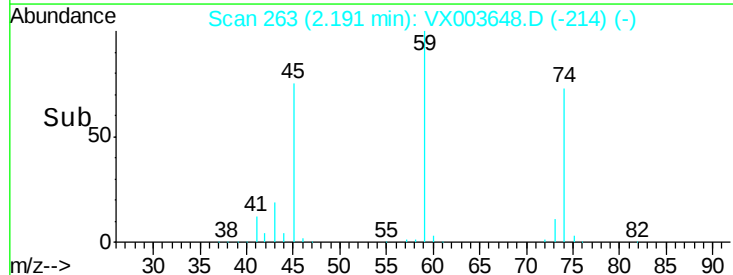
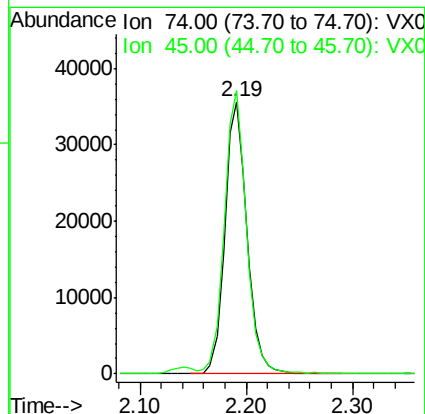
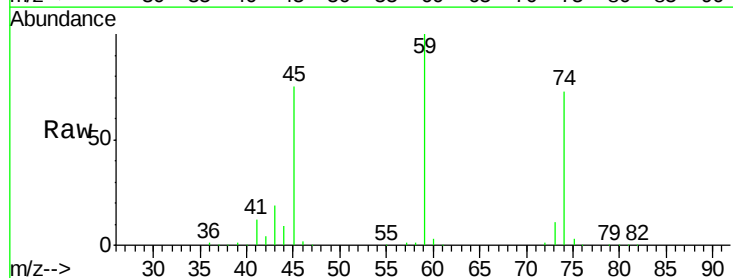
Tgt Ion: 101 Resp: 118468
Ion Ratio Lower Upper
101 100
103 63.9 53.2 79.8

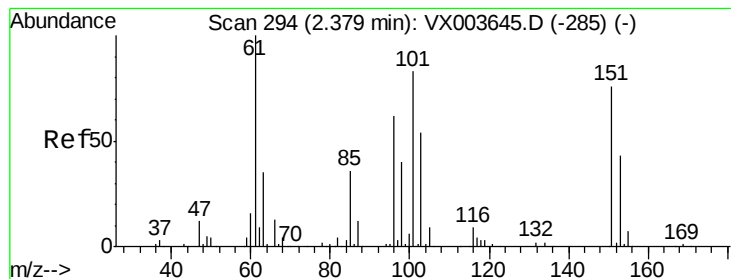


#8

Diethyl Ether
Concen: 47.846 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion: 74 Resp: 51478
Ion Ratio Lower Upper
74 100
45 103.7 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.826 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

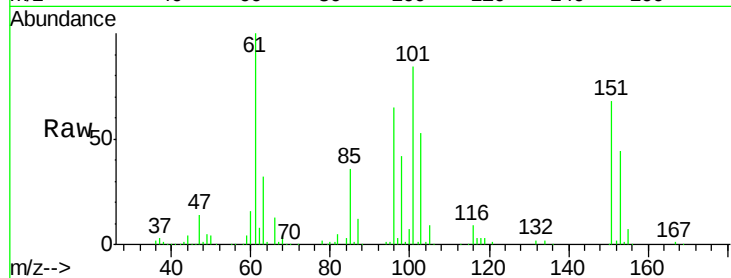
Tgt Ion:101 Resp: 72272

Ion Ratio Lower Upper

101 100

85 43.5 34.6 52.0

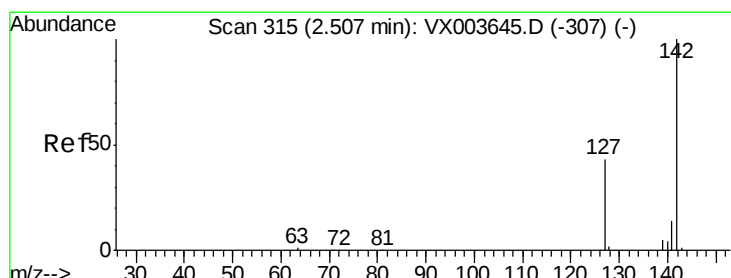
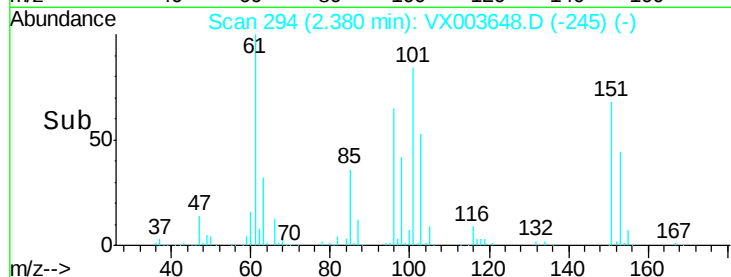
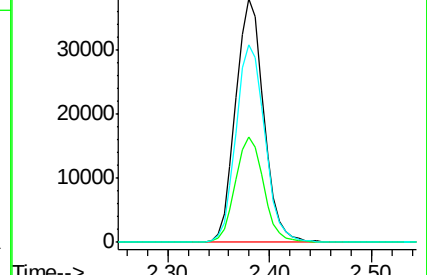
151 83.2 67.5 101.3



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: 49.838 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

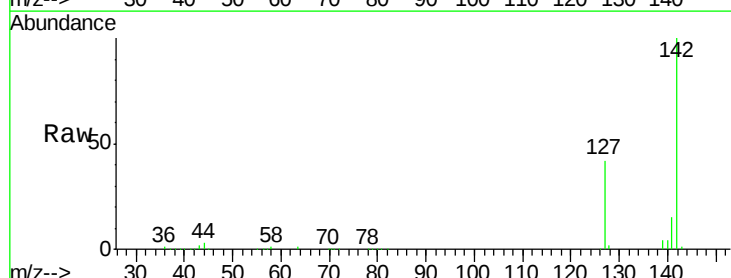
Tgt Ion:142 Resp: 101497

Ion Ratio Lower Upper

142 100

127 41.7 34.0 51.0

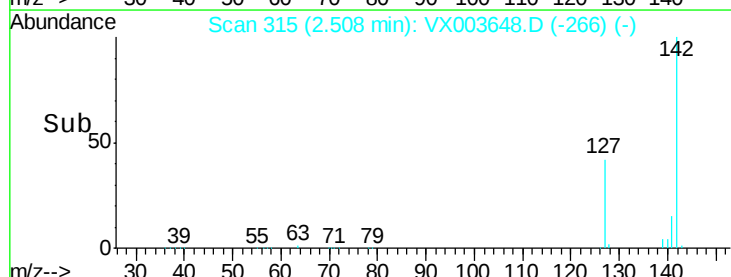
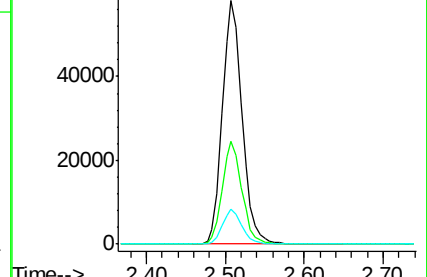
141 14.1 11.3 16.9

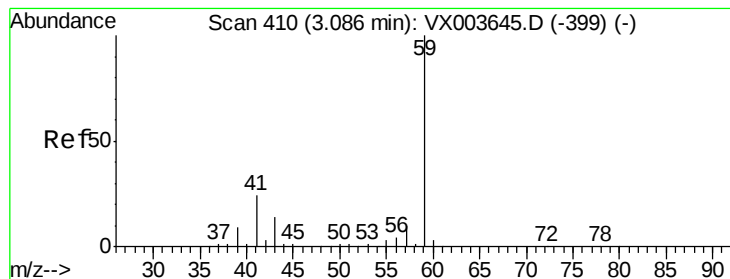


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



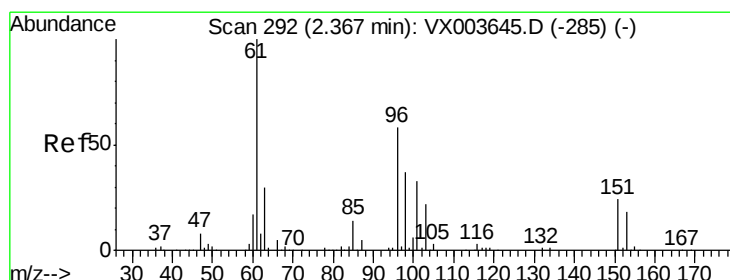
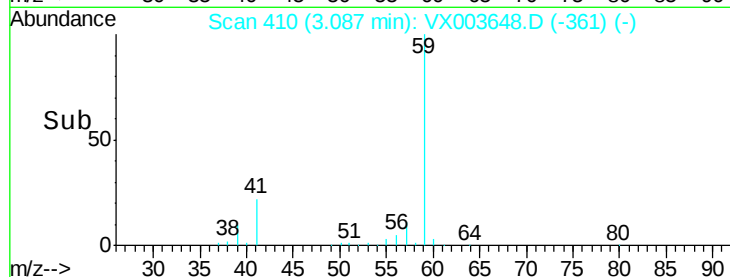
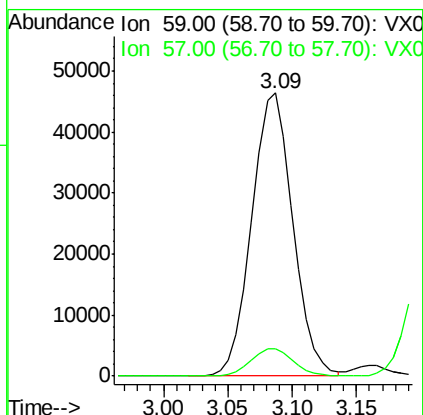
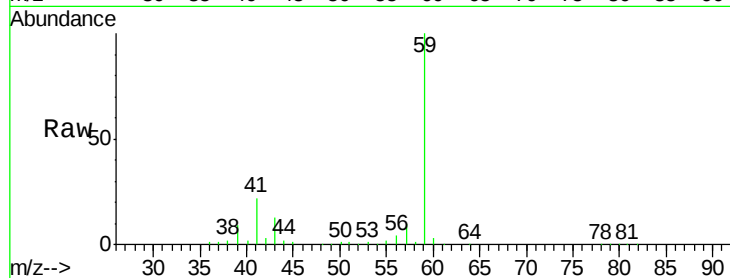


#11

Tert butyl alcohol
 Concen: 232.964 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

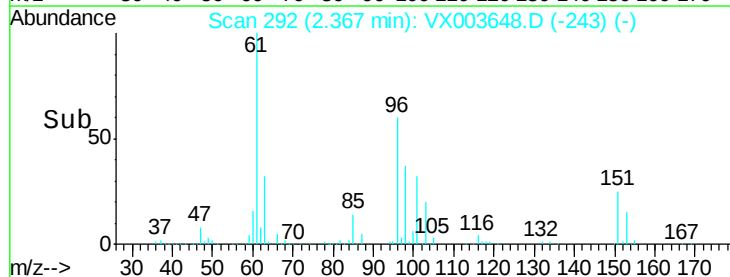
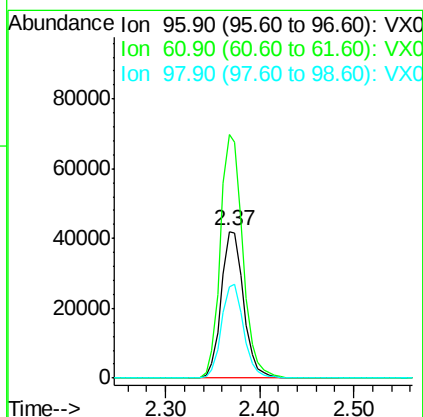
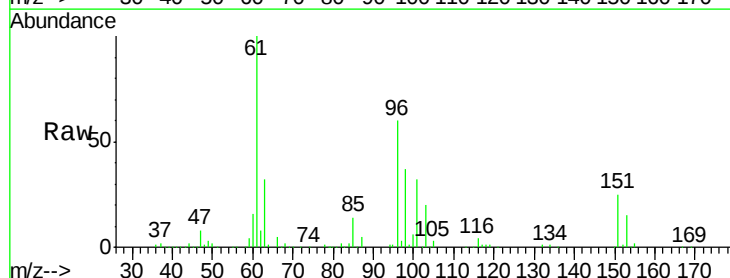
Tgt Ion: 59 Resp: 102544
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

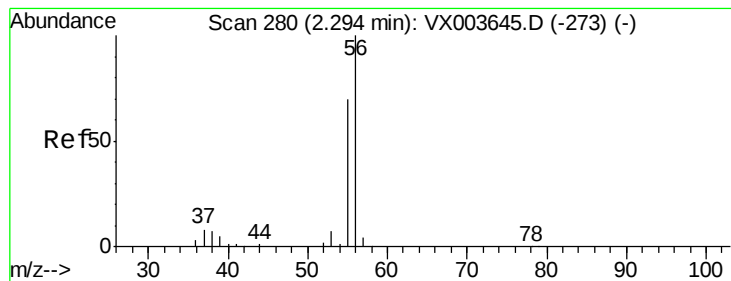


#12

1,1-Dichloroethene
 Concen: 48.157 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion: 96 Resp: 69242
 Ion Ratio Lower Upper
 96 100
 61 166.1 138.8 208.2
 98 62.0 51.4 77.2





#13

Acrolein

Concen: 248.558 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

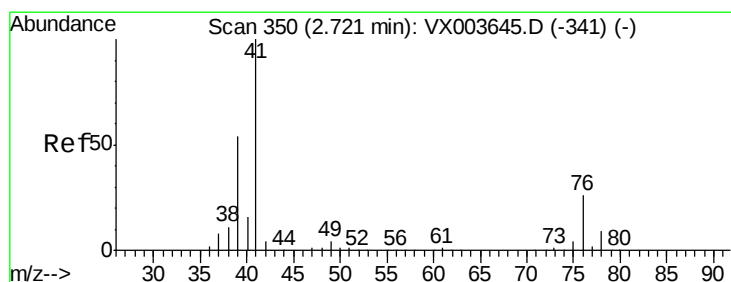
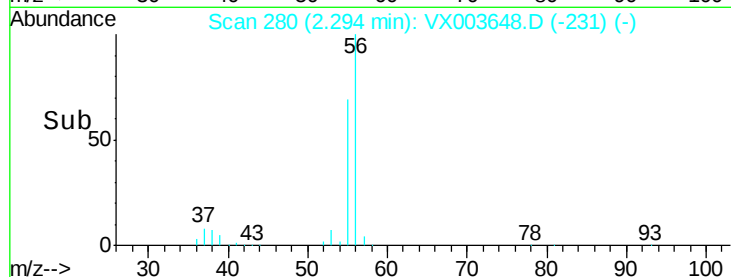
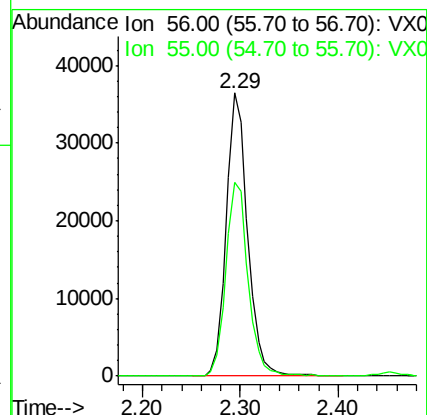
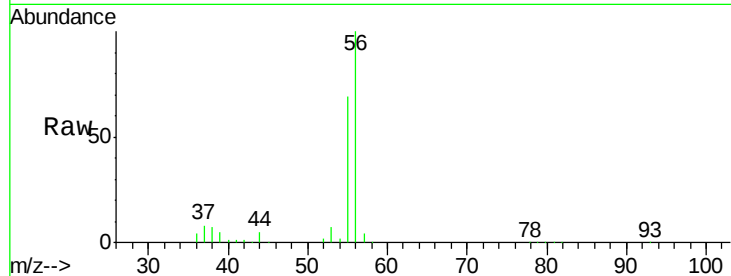
ICVVX072418

Tgt Ion: 56 Resp: 55317

Ion Ratio Lower Upper

56 100

55 71.7 55.4 83.2



#14

Allyl chloride

Concen: 46.699 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

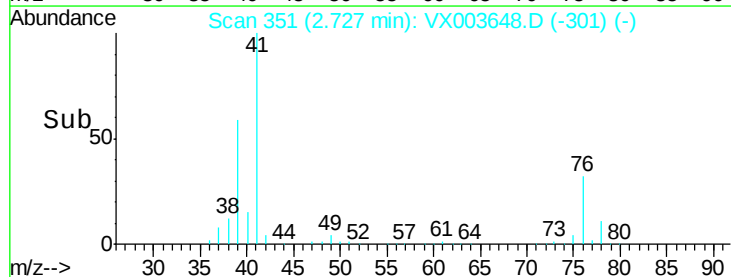
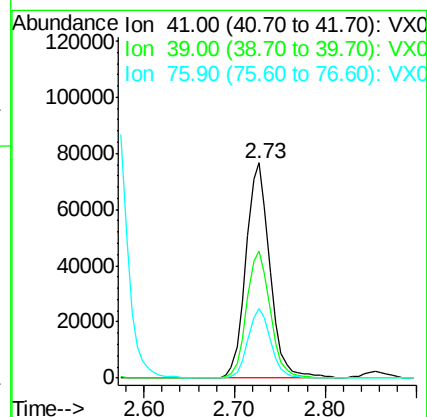
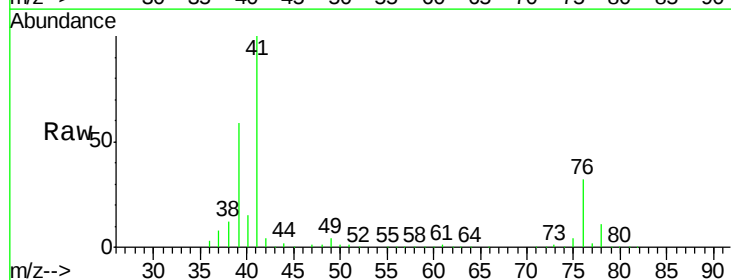
Tgt Ion: 41 Resp: 139969

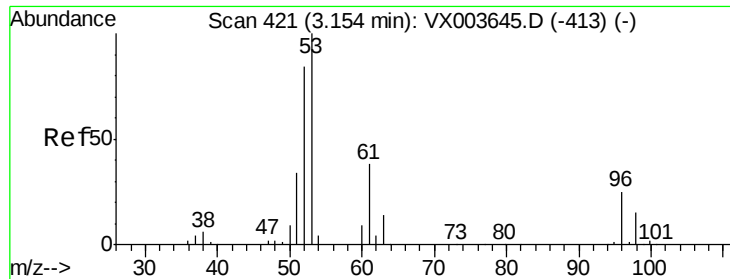
Ion Ratio Lower Upper

41 100

39 58.2 45.3 67.9

76 30.9 23.8 35.6

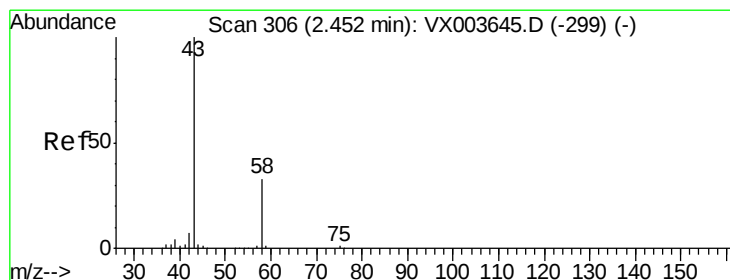
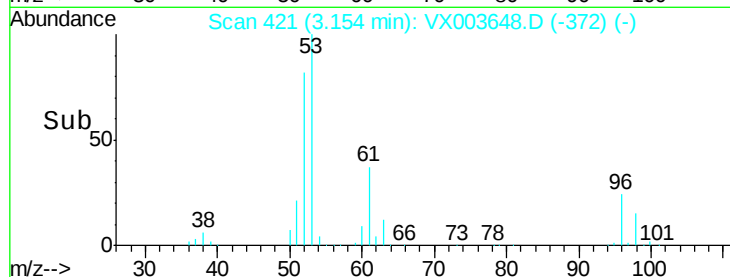
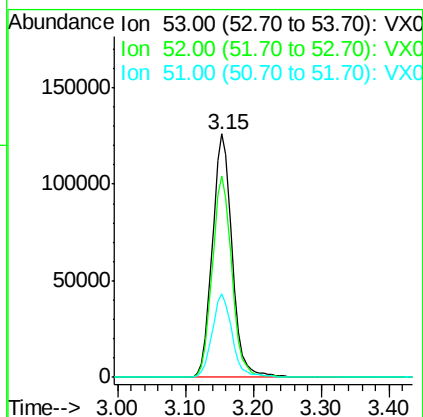
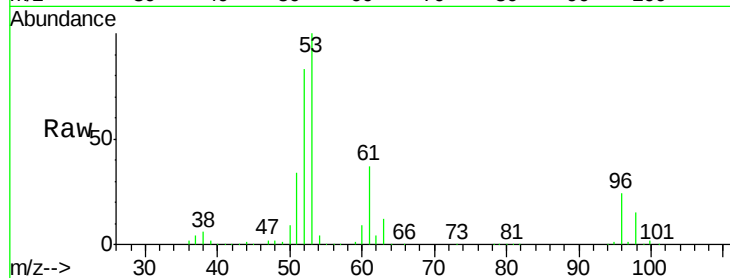




#15
 Acrylonitrile
 Concen: 237.516 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

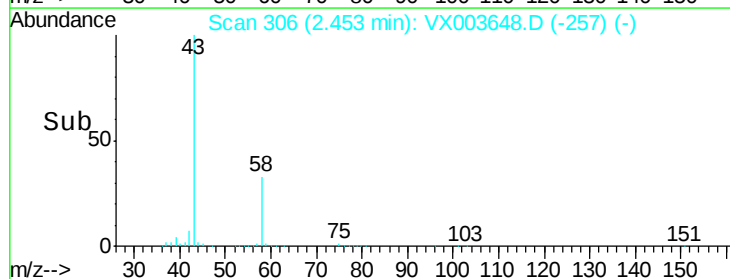
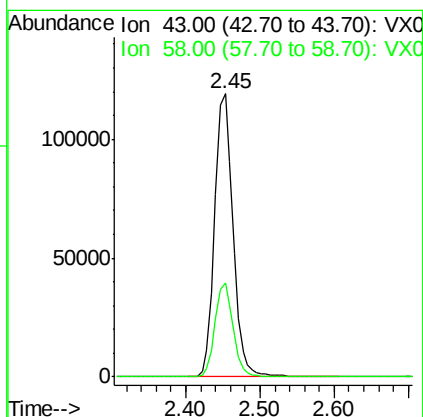
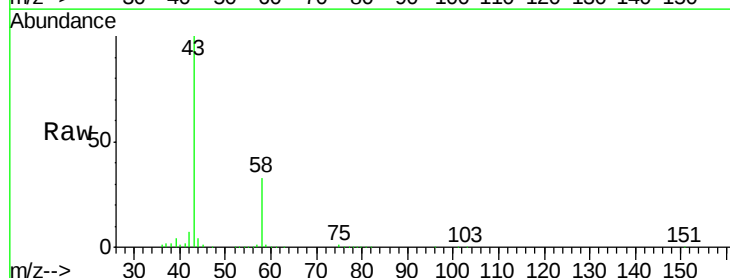
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

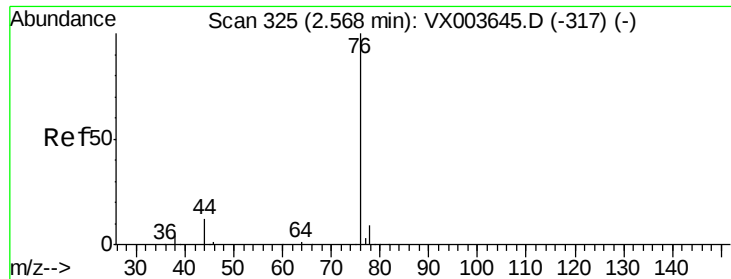
Tgt Ion: 53 Resp: 252604
 Ion Ratio Lower Upper
 53 100
 52 82.4 66.1 99.1
 51 35.2 28.2 42.4



#16
 Acetone
 Concen: 233.522 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion: 43 Resp: 202018
 Ion Ratio Lower Upper
 43 100
 58 33.3 26.1 39.1

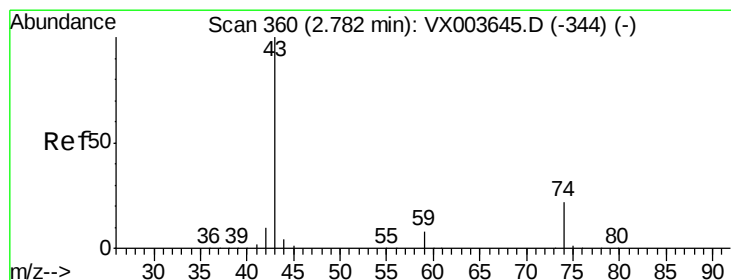
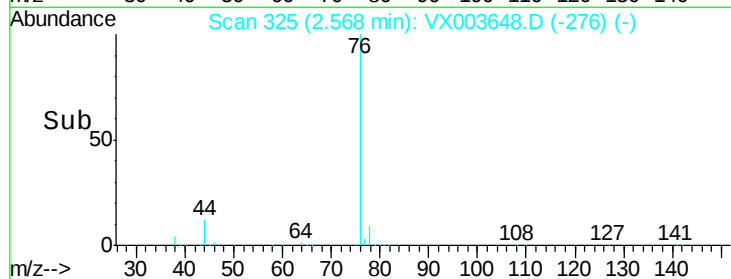
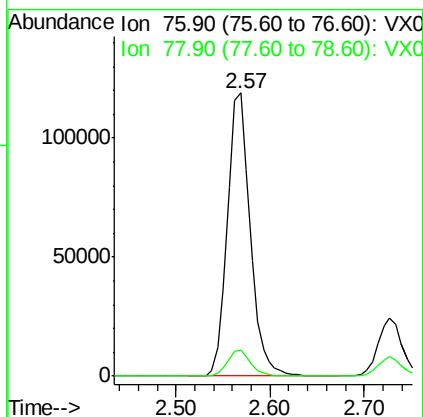
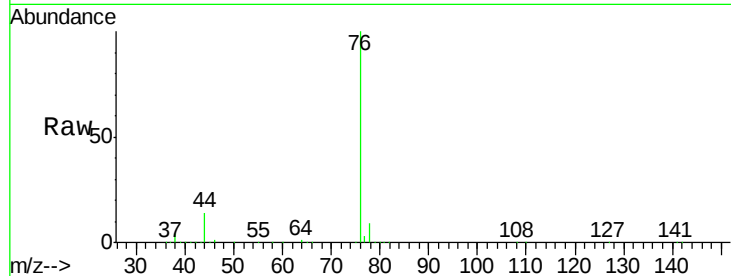




#17
Carbon Disulfide
Concen: 48.668 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

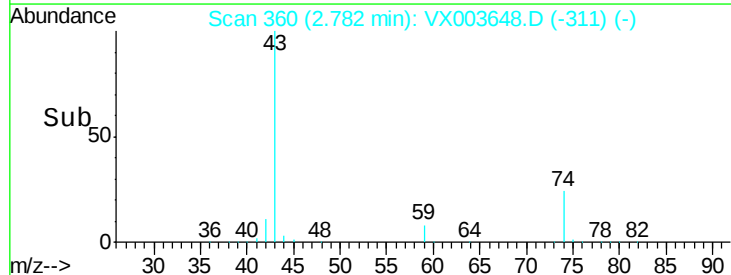
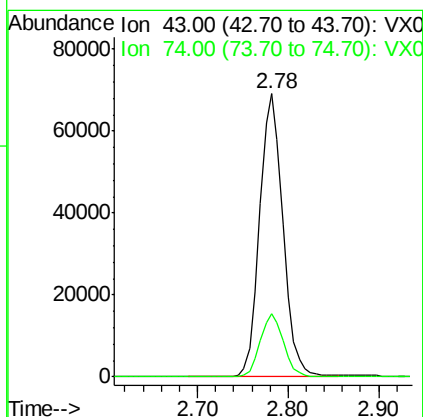
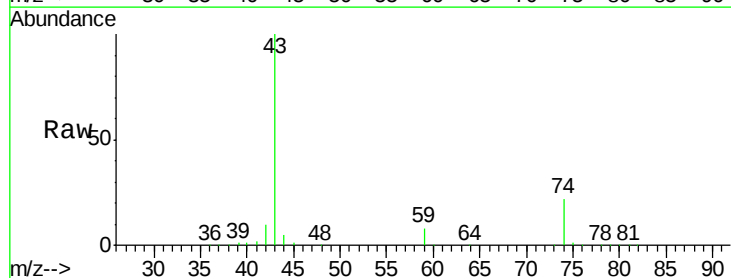
Instrument :
MSVOA_X
ClientSampled :
ICVVX072418

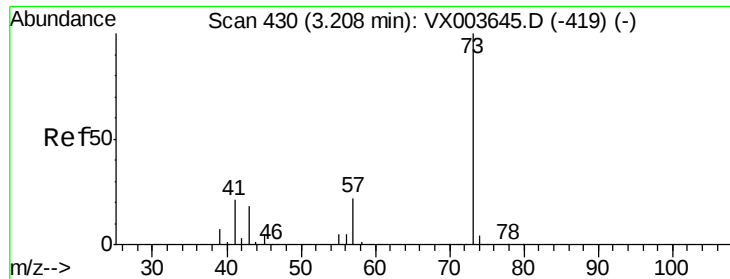
Tgt Ion: 76 Resp: 201288
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 47.088 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion: 43 Resp: 123031
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8

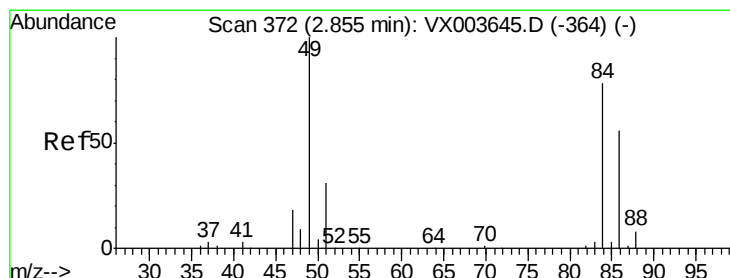
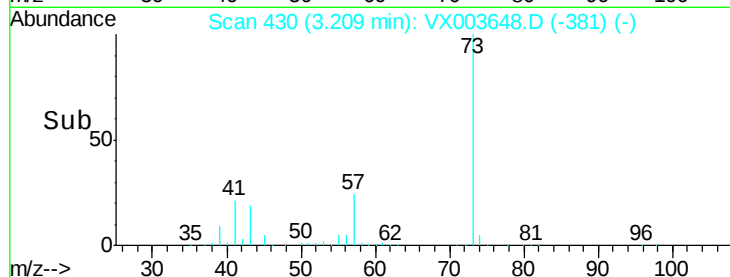
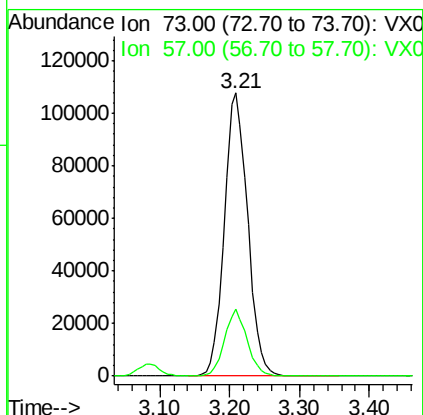
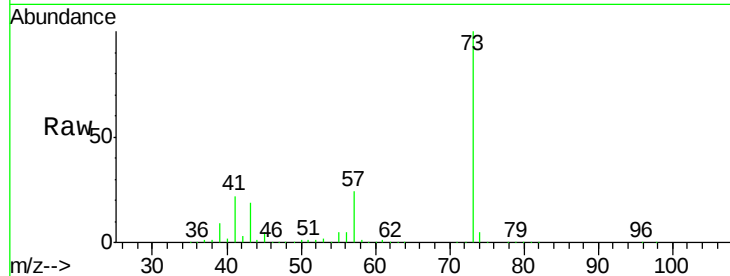




#19
Methyl tert-butyl Ether
Concen: 49.050 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

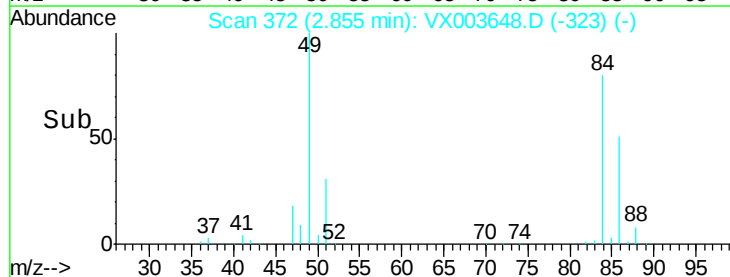
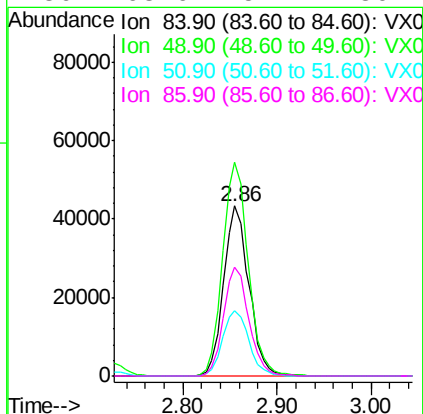
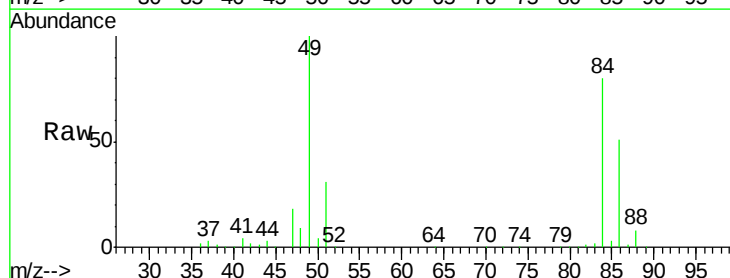
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

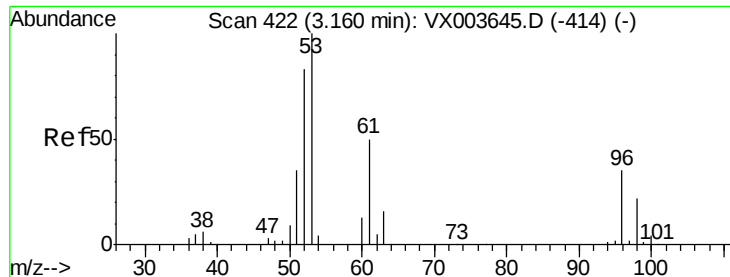
Tgt Ion: 73 Resp: 249083
Ion Ratio Lower Upper
73 100
57 23.7 17.4 26.2



#20
Methylene Chloride
Concen: 47.272 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion: 84 Resp: 81031
Ion Ratio Lower Upper
84 100
49 125.6 102.3 153.5
51 38.6 31.8 47.8
86 63.6 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 47.898 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

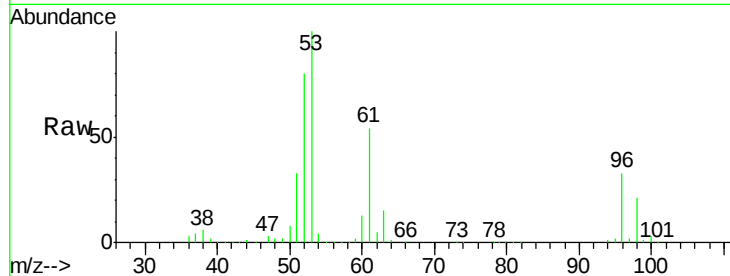
Tgt Ion: 96 Resp: 74057

Ion Ratio Lower Upper

96 100

61 162.6 115.0 172.4

98 63.6 49.7 74.5

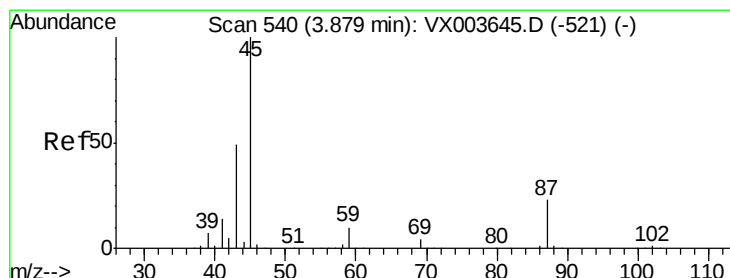
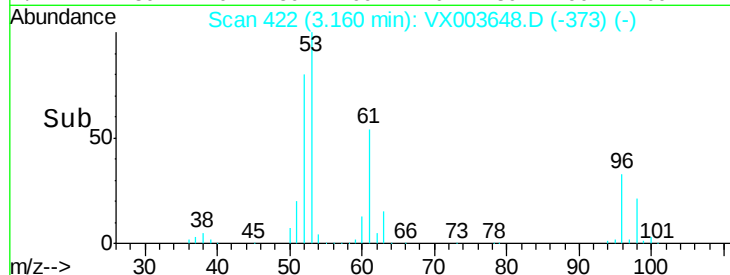
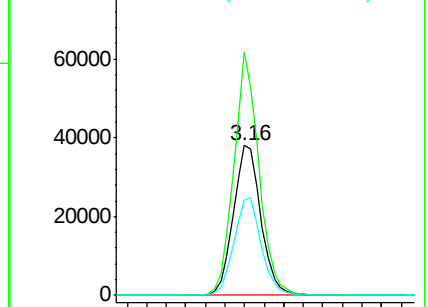


Abundance

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: 48.693 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Tgt Ion: 45 Resp: 266479

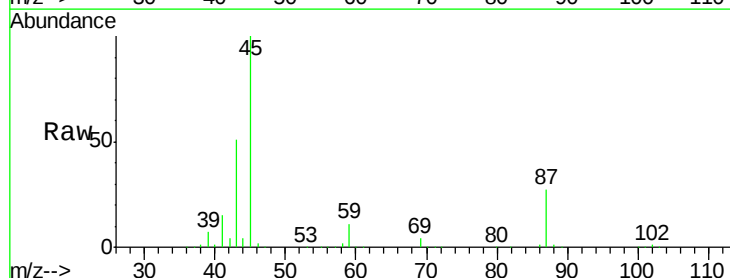
Ion Ratio Lower Upper

45 100

43 51.2 39.0 58.4

87 26.5 18.4 27.6

59 10.9 7.8 11.8



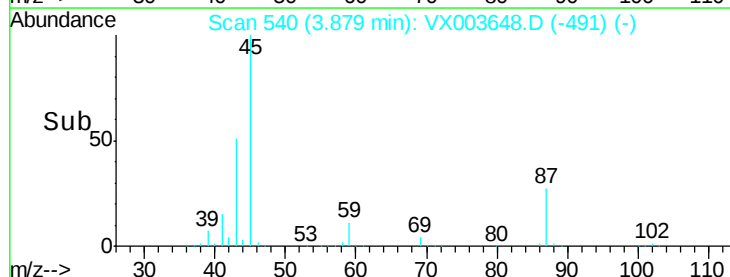
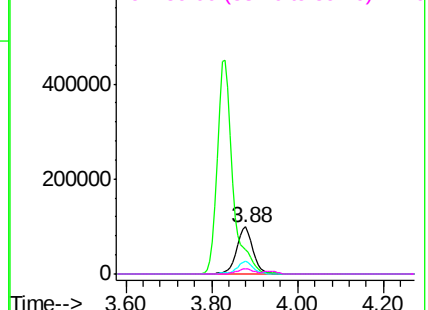
Abundance

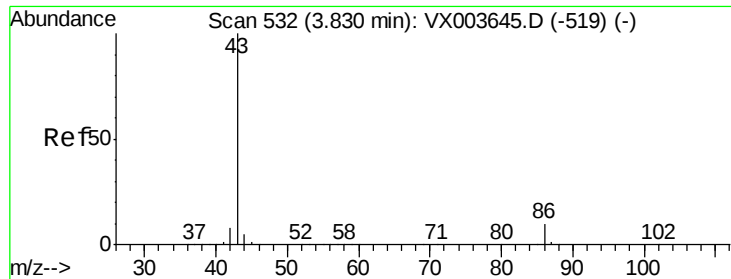
Ion 45.00 (44.70 to 45.70): VX0

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

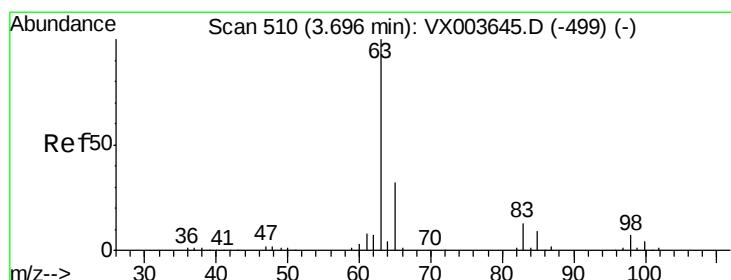
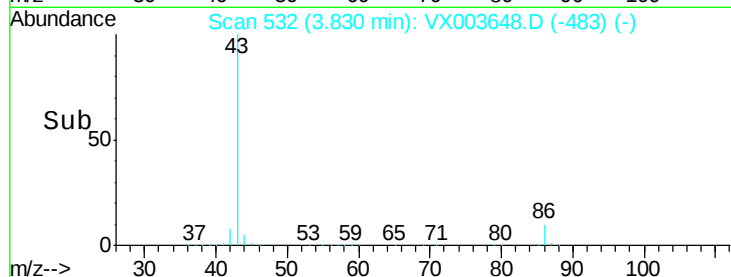
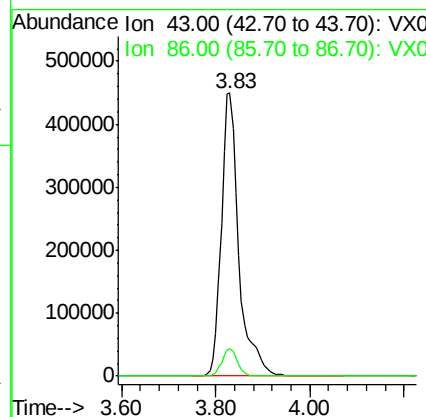
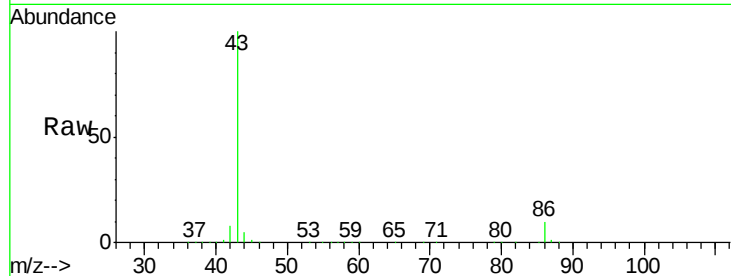




#23
 Vinyl Acetate
 Concen: 245.839 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

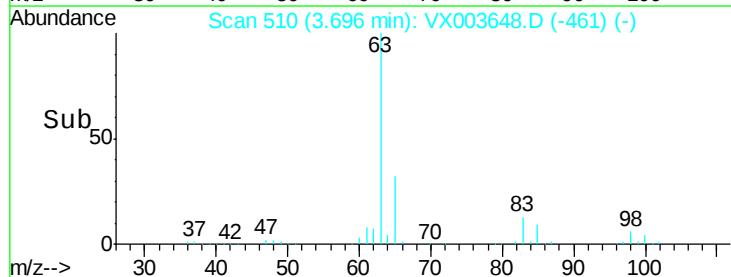
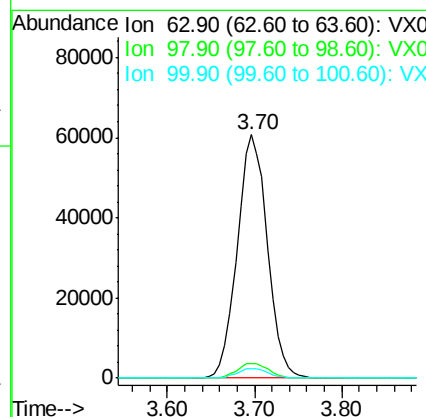
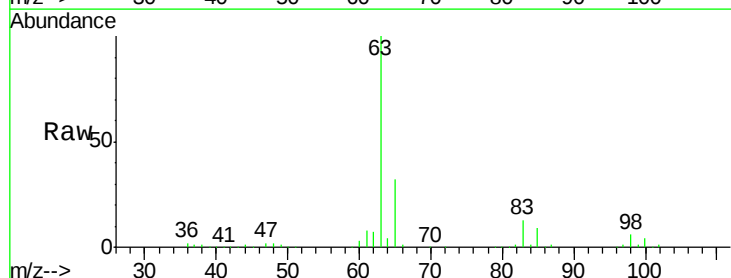
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

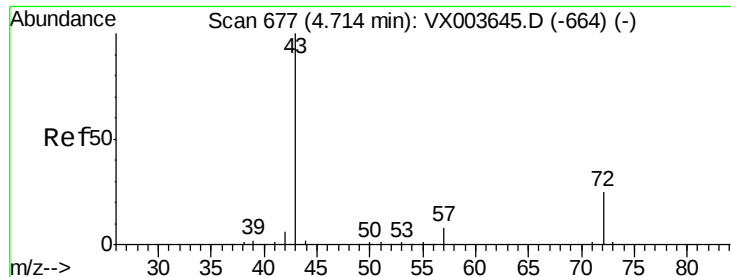
Tgt Ion: 43 Resp: 1152500
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 47.103 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion: 63 Resp: 145288
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 244.252 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

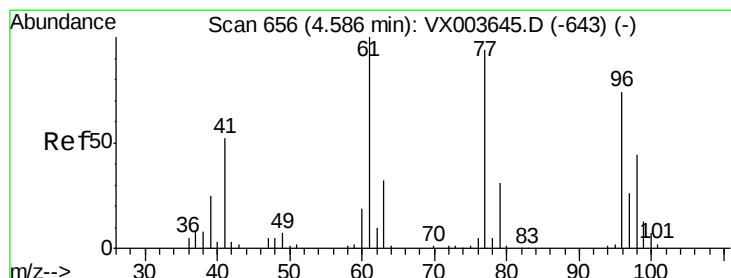
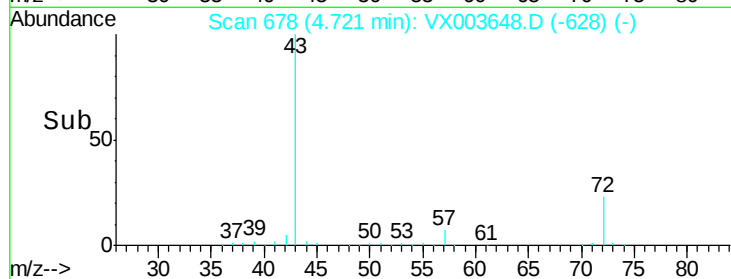
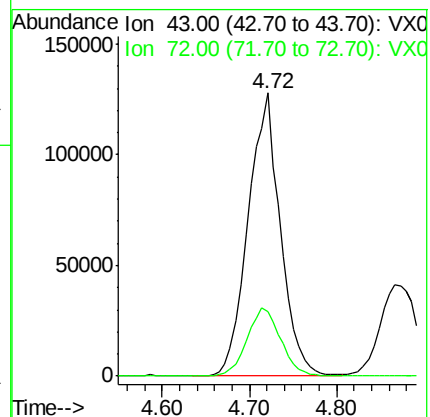
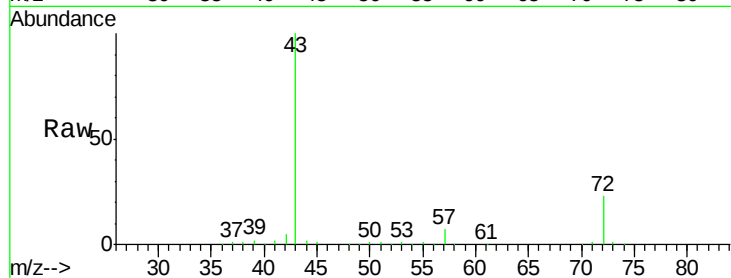
ICVVX072418

Tgt Ion: 43 Resp: 326426

Ion Ratio Lower Upper

43 100

72 23.0 20.2 30.4



#26

2,2-Dichloropropane

Concen: 44.514 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003648.D

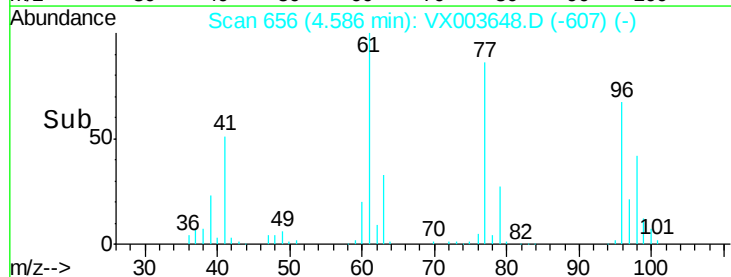
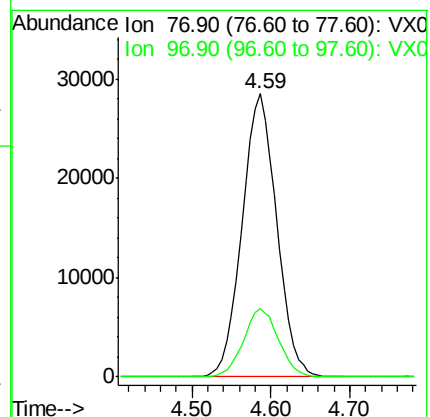
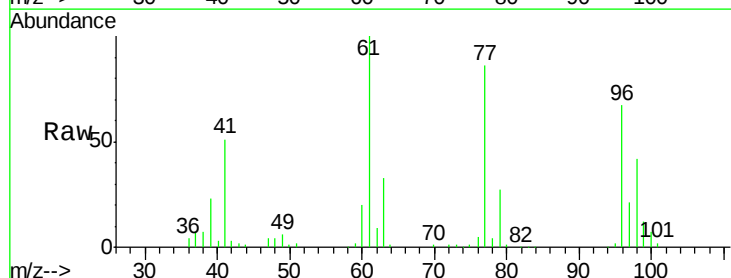
Acq: 24 Jul 2018 18:55

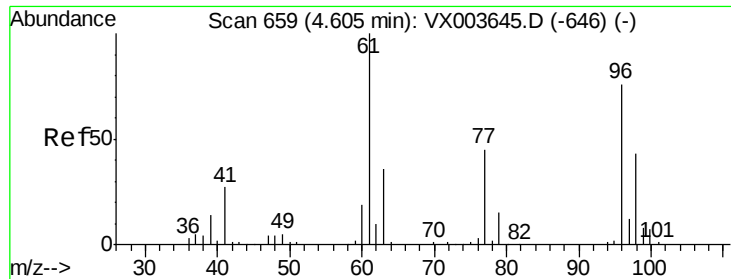
Tgt Ion: 77 Resp: 86812

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.0



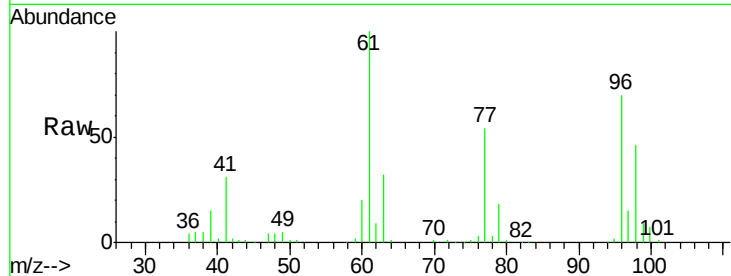


#27

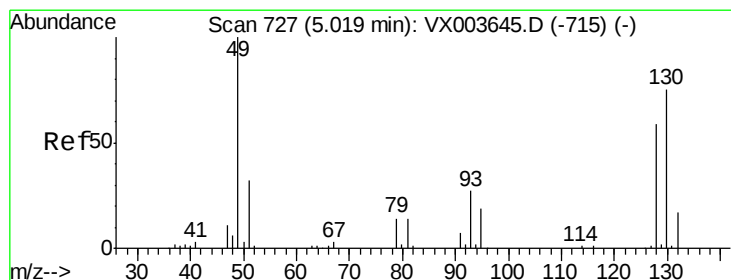
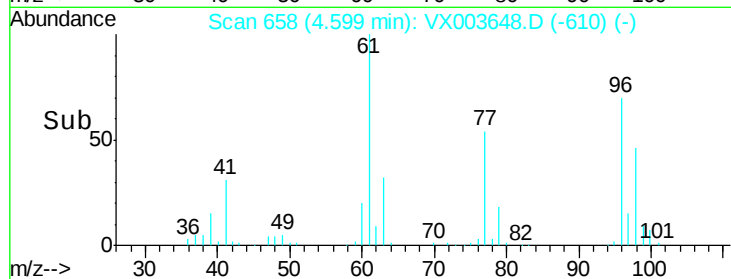
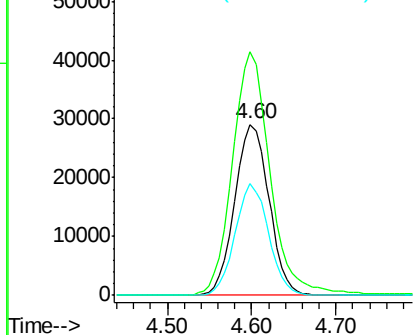
cis-1,2-Dichloroethene
 Concen: 47.725 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleID :
 ICVVX072418

Tgt Ion: 96 Resp: 80116
 Ion Ratio Lower Upper
 96 100
 61 157.8 0.0 313.6
 98 64.0 0.0 125.6



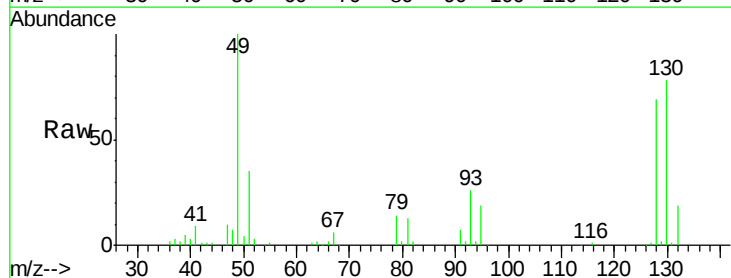
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



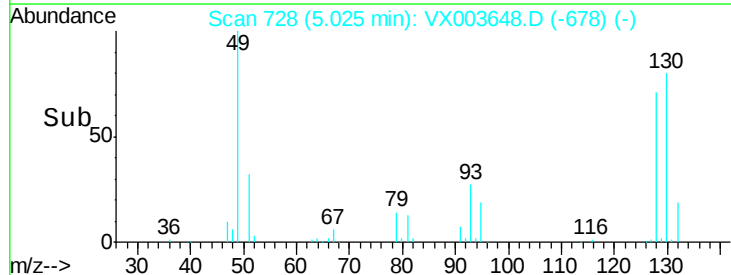
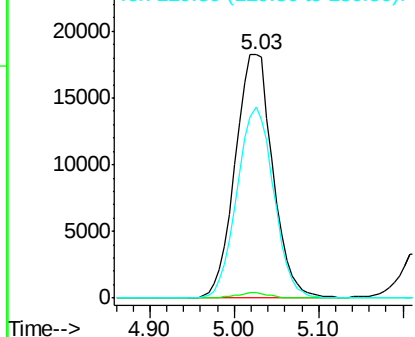
#28

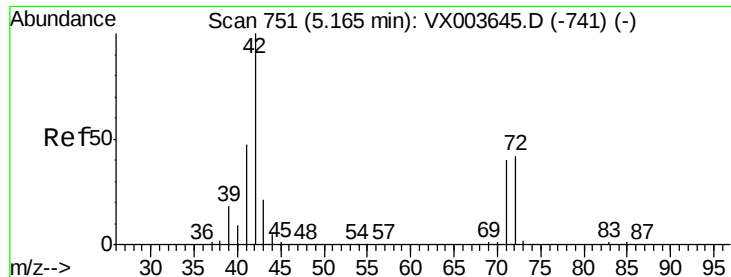
Bromochloromethane
 Concen: 44.615 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion: 49 Resp: 55223
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 76.5 61.0 91.6



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

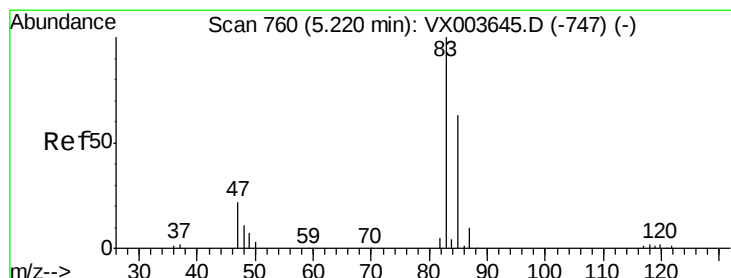
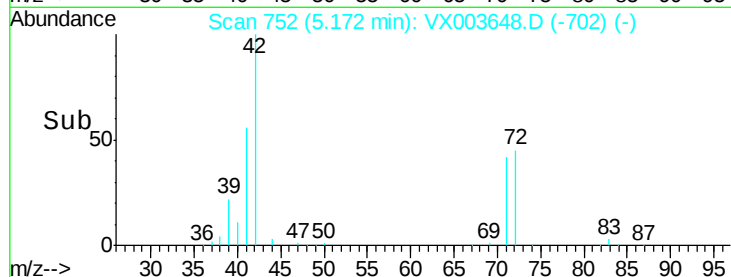
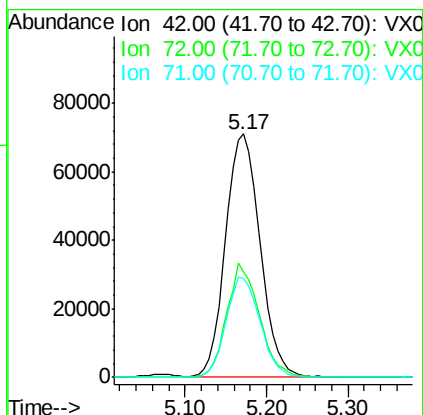
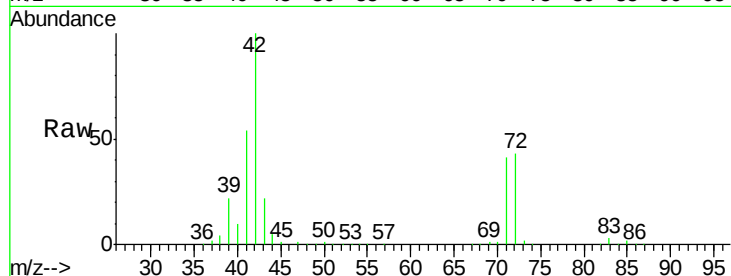




#29
Tetrahydrofuran
Concen: 238.947 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

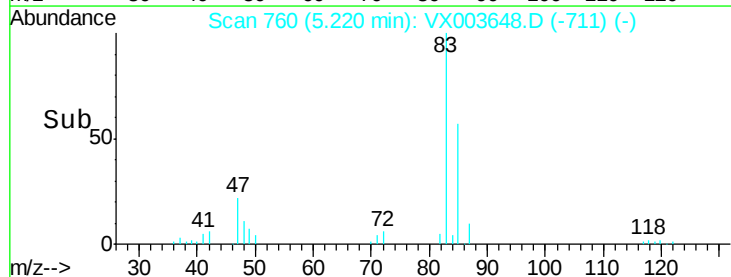
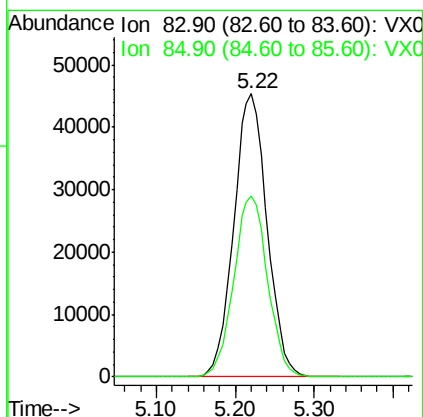
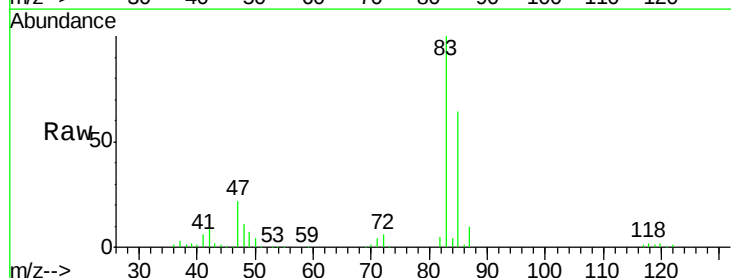
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

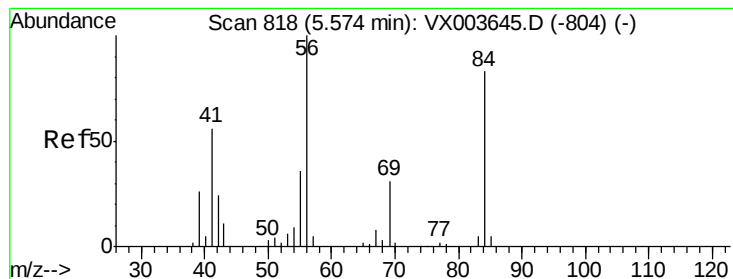
Tgt Ion: 42 Resp: 207877
Ion Ratio Lower Upper
42 100
72 44.3 33.4 50.0
71 40.7 31.0 46.6



#30
Chloroform
Concen: 47.502 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion: 83 Resp: 132897
Ion Ratio Lower Upper
83 100
85 64.0 50.2 75.4





#31

Cyclohexane

Concen: 51.240 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

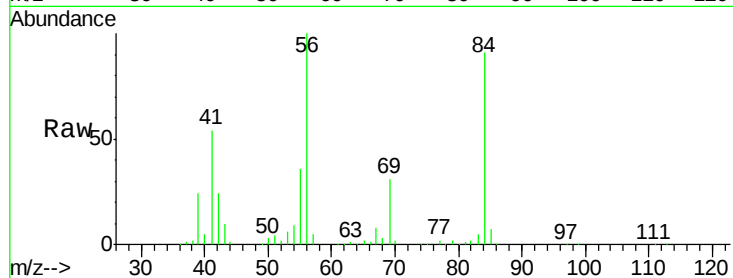
Tgt Ion: 56 Resp: 126864

Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.6

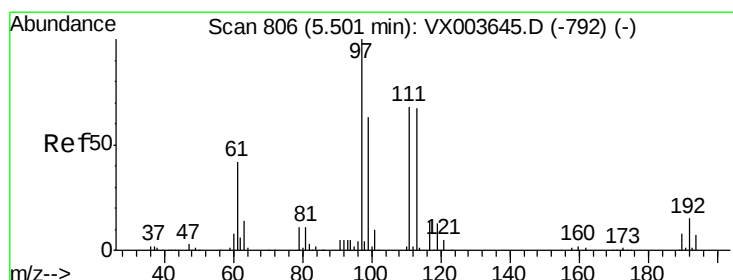
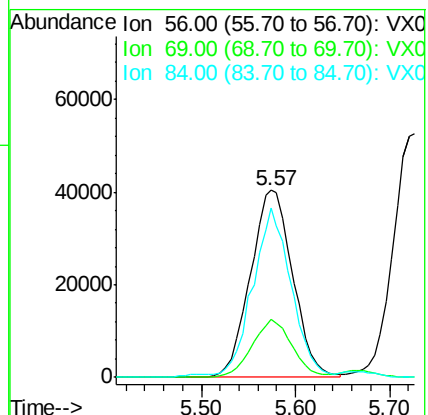
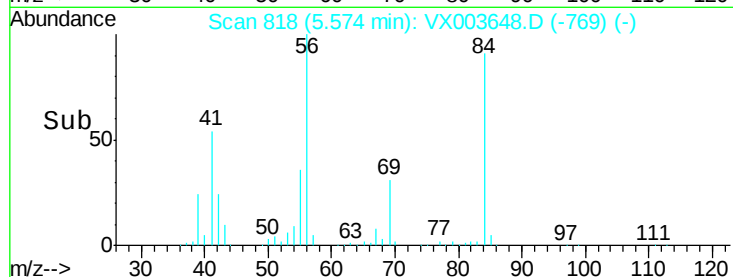
84 89.4 66.5 99.7



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: 48.278 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

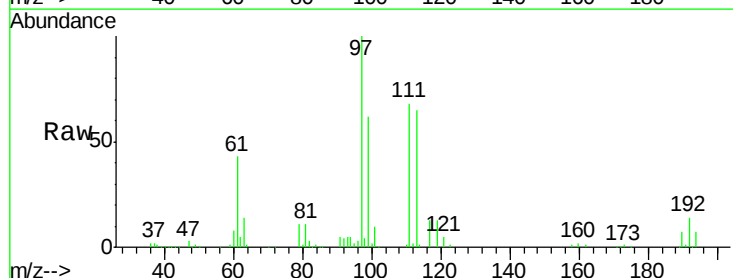
Tgt Ion: 97 Resp: 112171

Ion Ratio Lower Upper

97 100

99 64.1 50.4 75.6

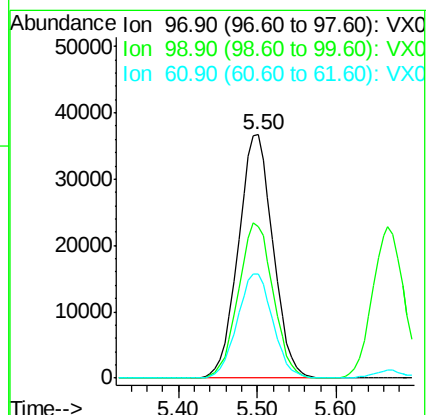
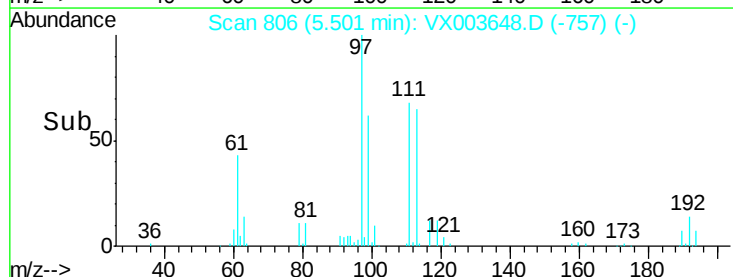
61 43.9 34.5 51.7

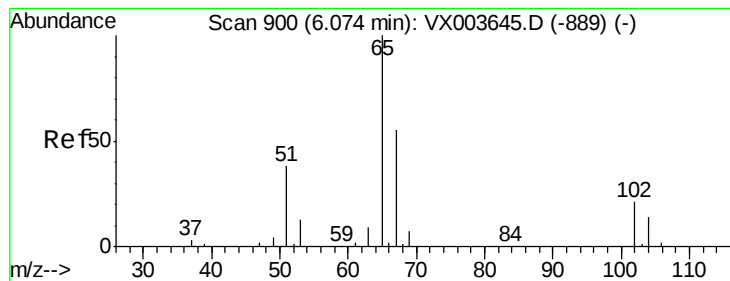


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.819 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

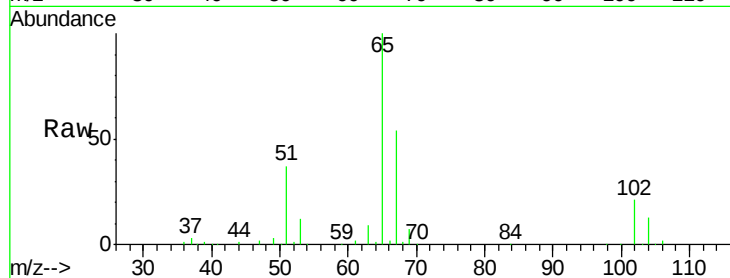
ICVVX072418

Tgt Ion: 65 Resp: 88055

Ion Ratio Lower Upper

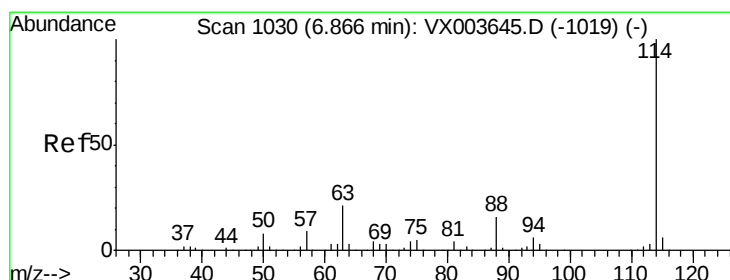
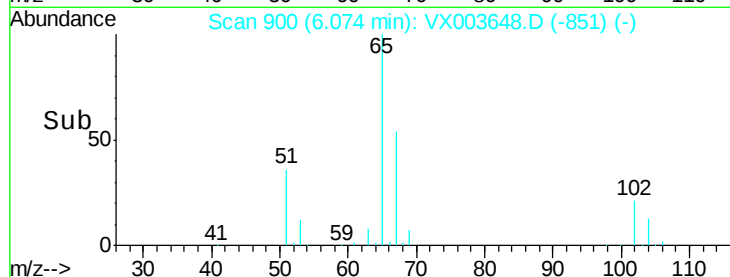
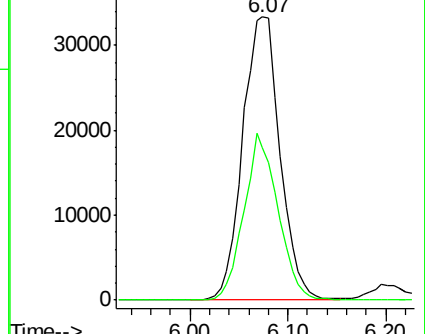
65 100

67 53.8 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

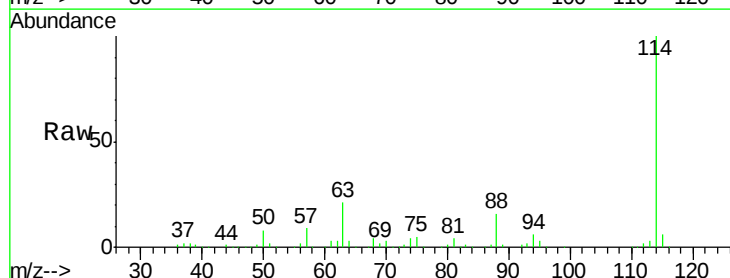
Tgt Ion: 114 Resp: 181291

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

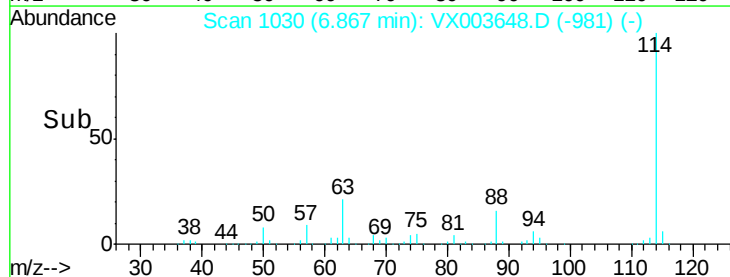
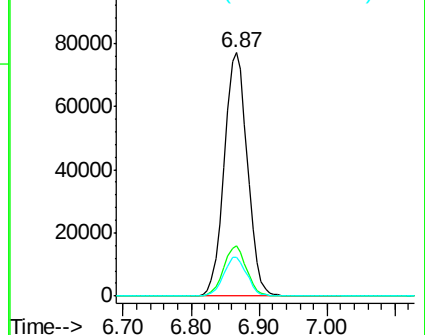
88 15.7 0.0 31.8

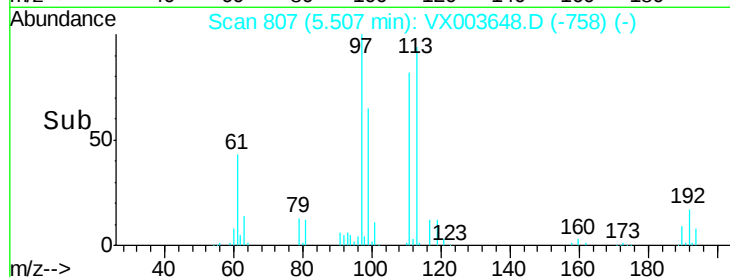
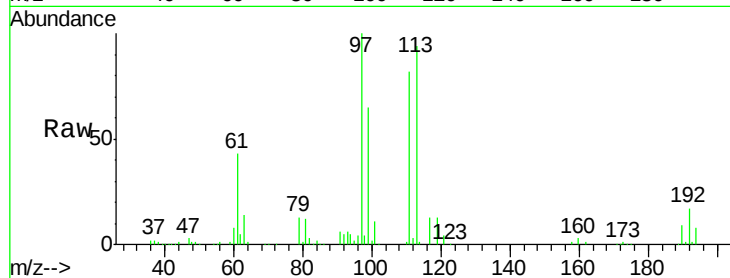
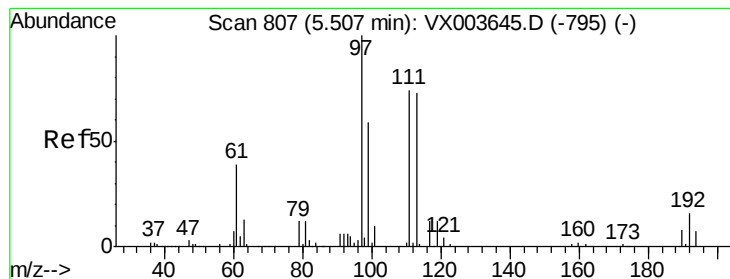


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.423 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

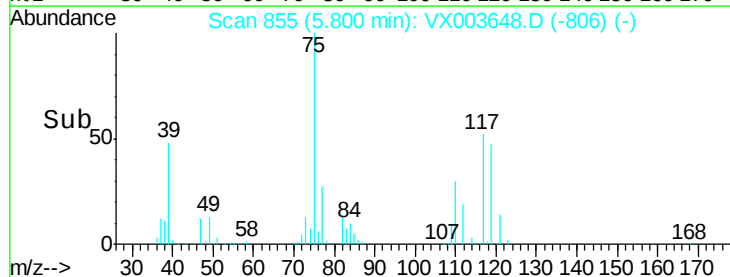
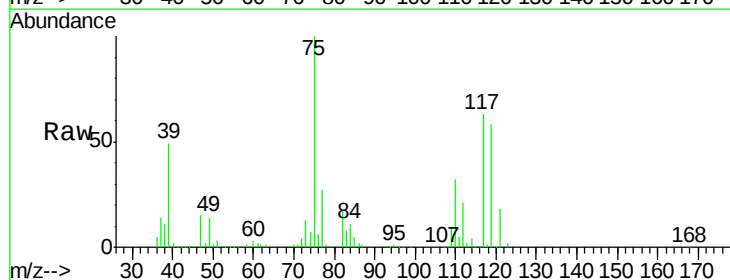
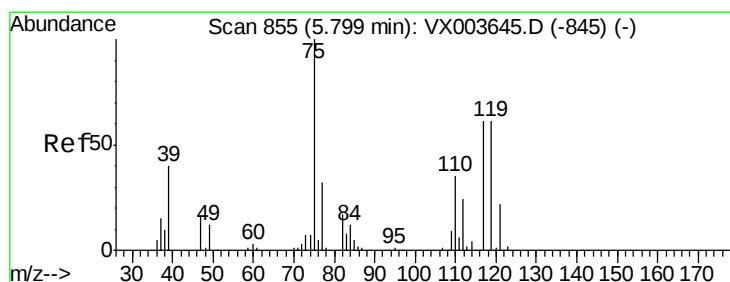
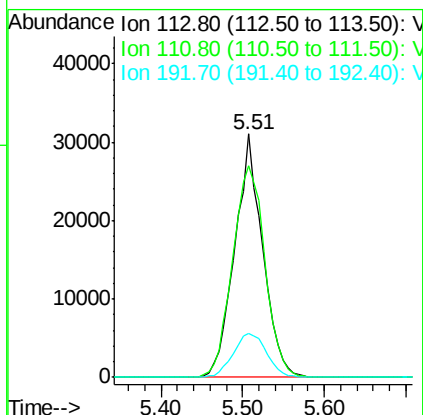
Tgt Ion:113 Resp: 73246

Ion Ratio Lower Upper

113 100

111 101.0 81.2 121.8

192 21.7 18.2 27.4



#36

1,1-Dichloropropene

Concen: 49.586 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

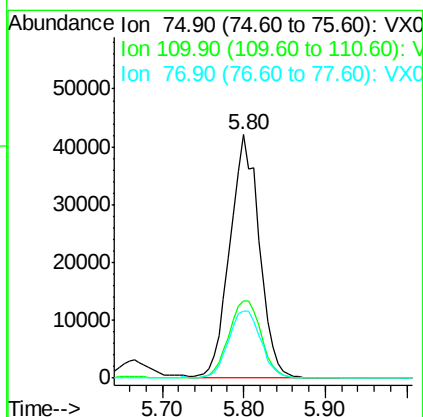
Tgt Ion: 75 Resp: 105075

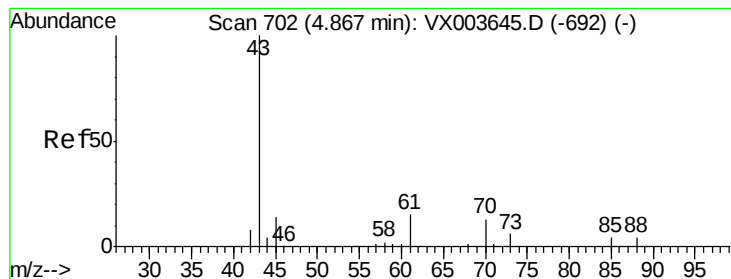
Ion Ratio Lower Upper

75 100

110 34.8 18.1 54.1

77 30.4 25.1 37.7





#37

Ethyl Acetate

Concen: 48.207 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

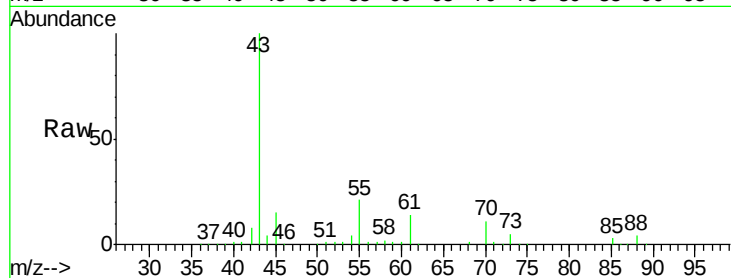
Tgt Ion: 43 Resp: 122836

Ion Ratio Lower Upper

43 100

61 14.3 11.9 17.9

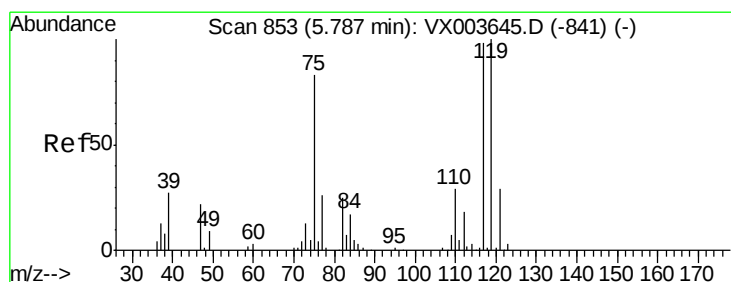
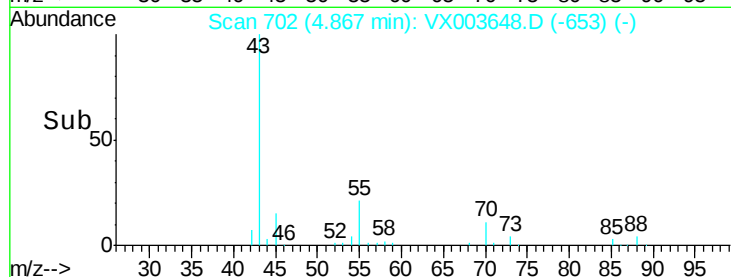
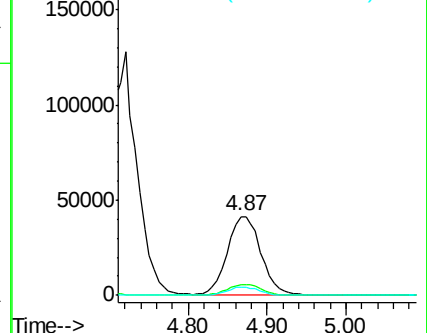
70 10.3 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.123 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

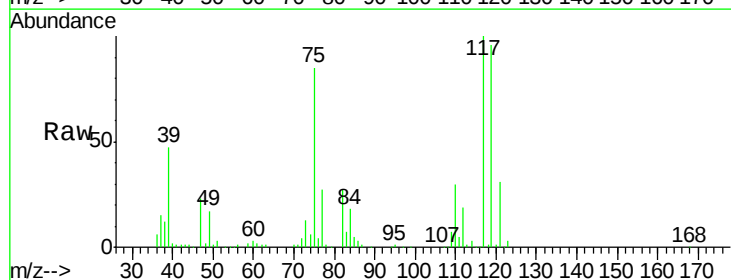
Tgt Ion: 117 Resp: 100331

Ion Ratio Lower Upper

117 100

119 95.8 81.0 121.4

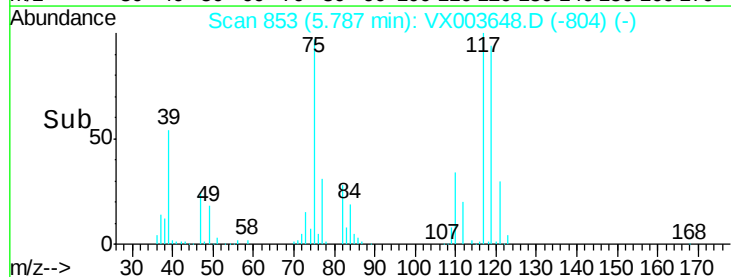
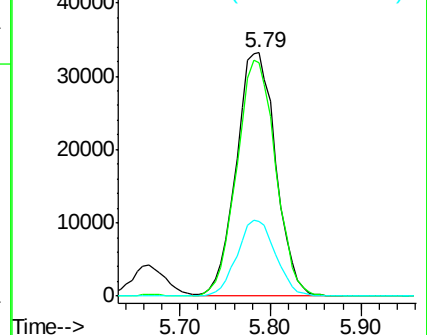
121 30.7 23.7 35.5

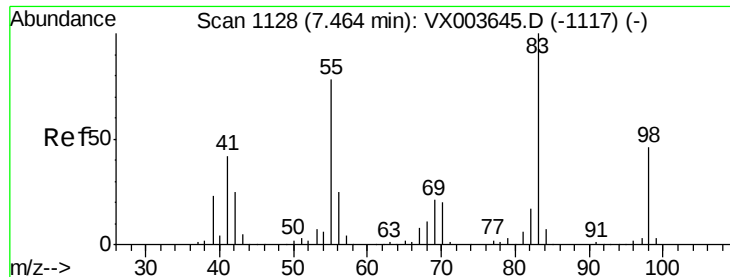


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

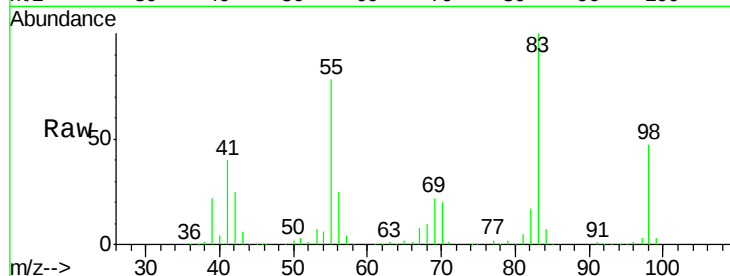




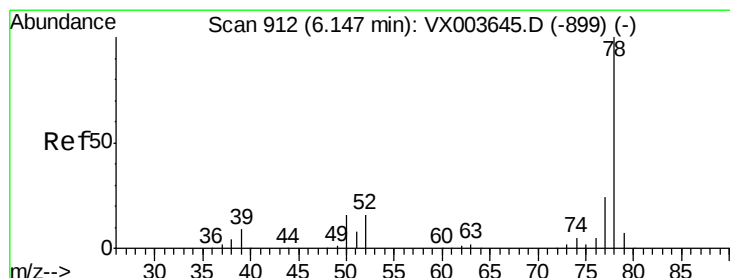
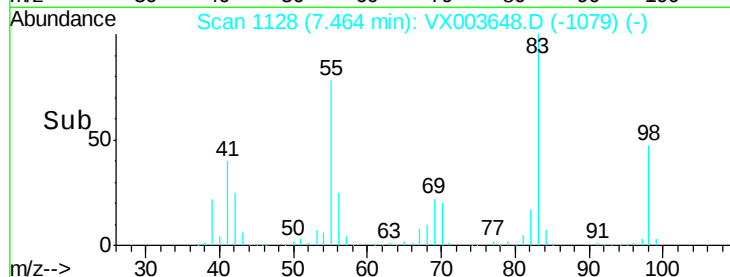
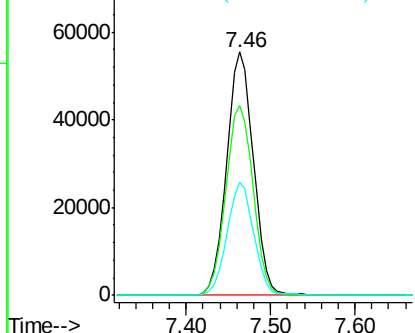
#39
Methylcyclohexane
Concen: 51.522 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tgt Ion: 83 Resp: 120177
Ion Ratio Lower Upper
83 100
55 78.2 62.6 93.8
98 46.7 36.6 55.0

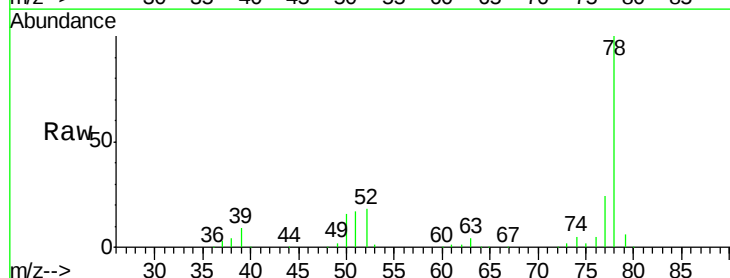


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

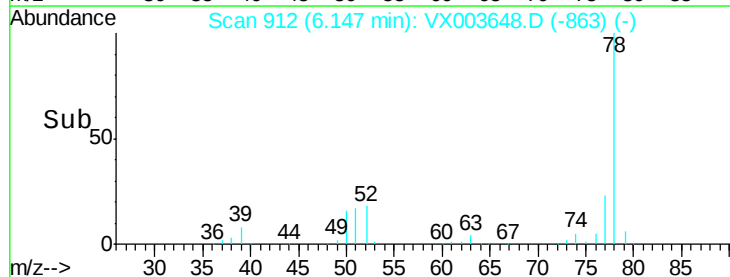
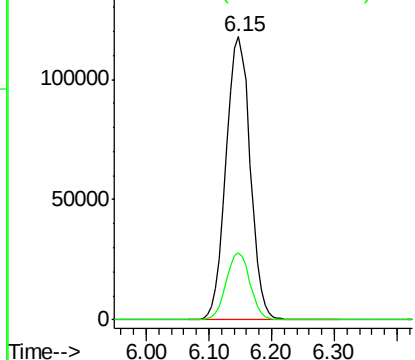


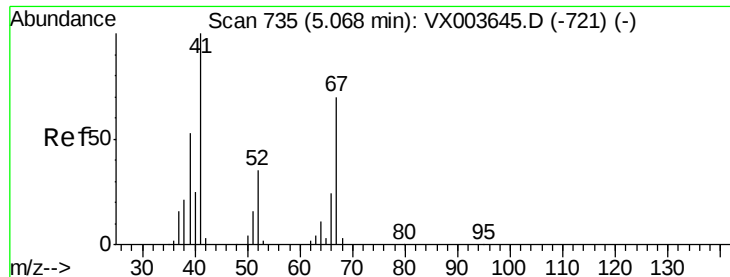
#40
Benzene
Concen: 50.292 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion: 78 Resp: 315382
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



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





#41

Methacrylonitrile

Concen: 47.350 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

Tgt Ion: 41 Resp: 66811

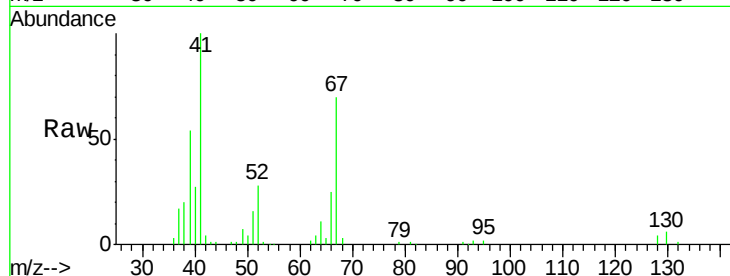
Ion Ratio Lower Upper

41 100

39 53.6 42.2 63.4

67 71.5 56.6 84.8

52 29.2 24.0 36.0

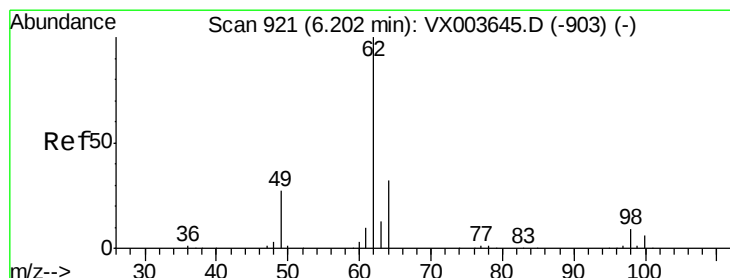
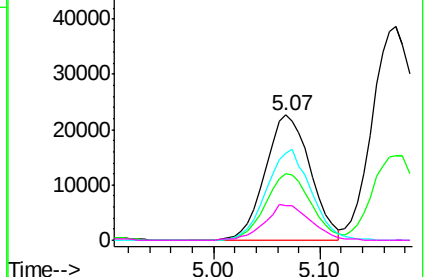
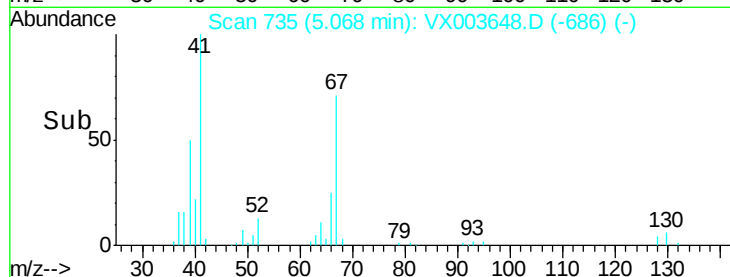


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.337 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.01 min

Lab File: VX003648.D

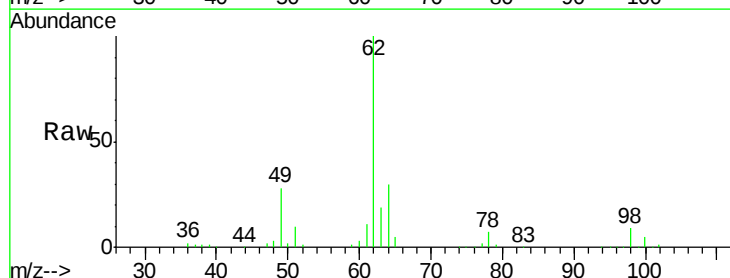
Acq: 24 Jul 2018 18:55

Tgt Ion: 62 Resp: 106689

Ion Ratio Lower Upper

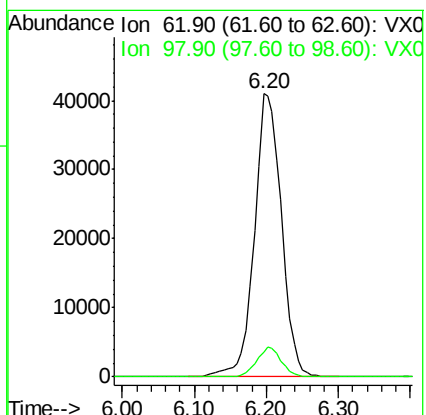
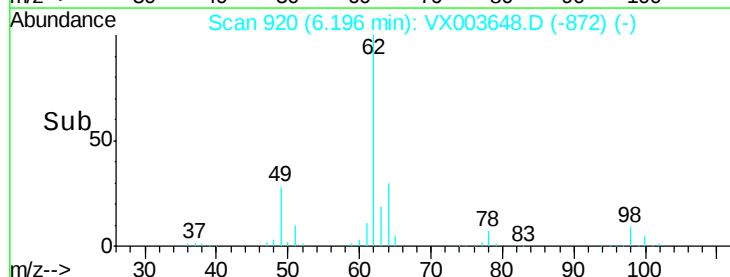
62 100

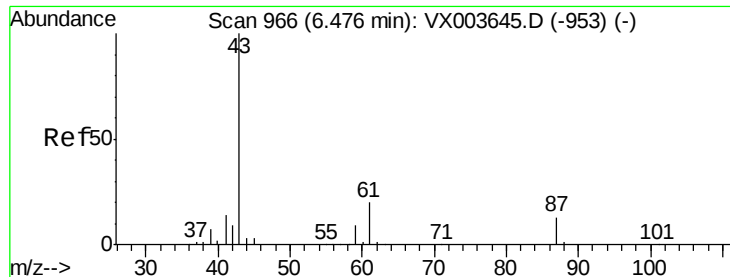
98 9.6 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.585 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

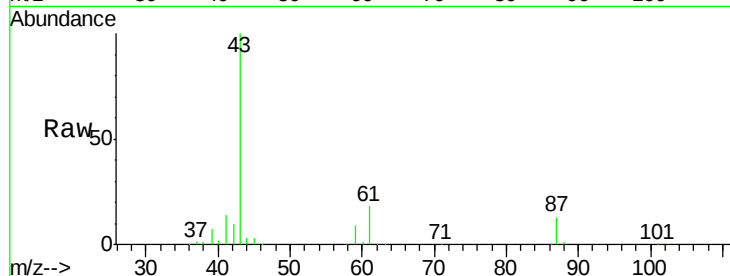
Tgt Ion: 43 Resp: 188035

Ion Ratio Lower Upper

43 100

61 20.1 15.9 23.9

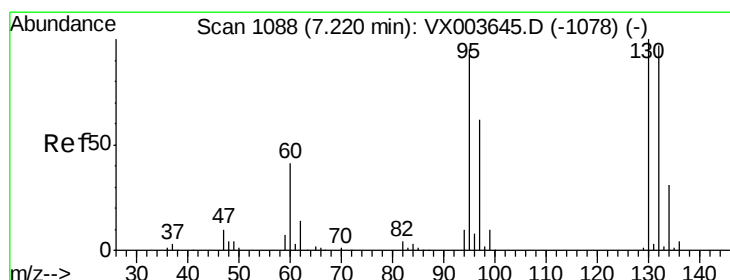
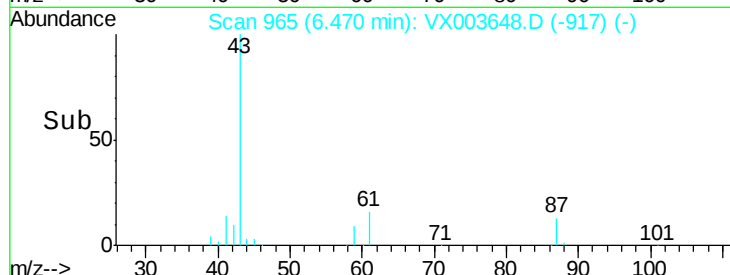
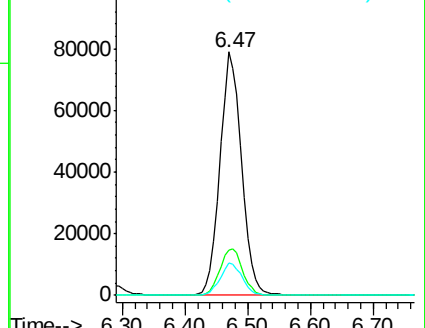
87 13.3 10.1 15.1



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: 49.150 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003648.D

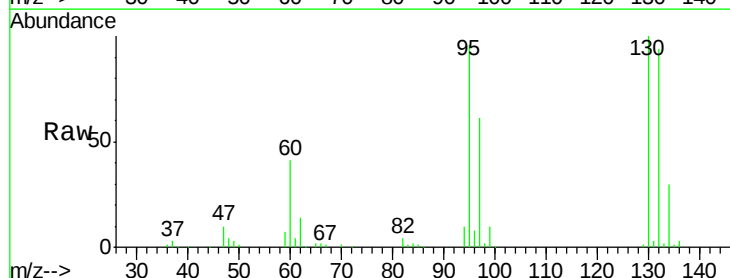
Acq: 24 Jul 2018 18:55

Tgt Ion: 130 Resp: 82637

Ion Ratio Lower Upper

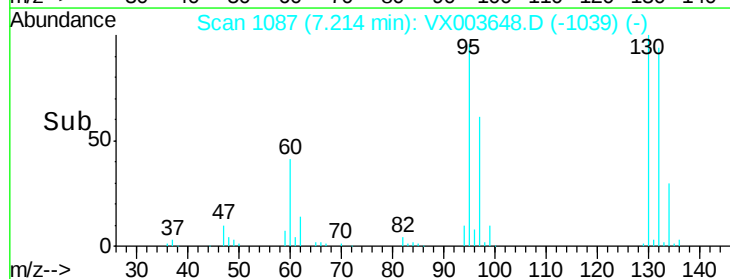
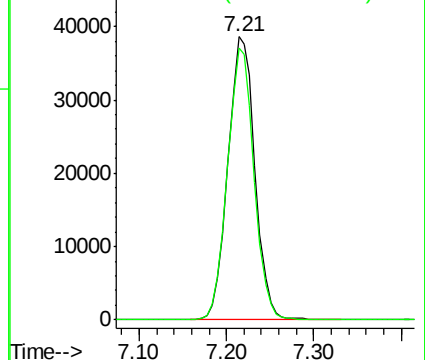
130 100

95 95.9 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

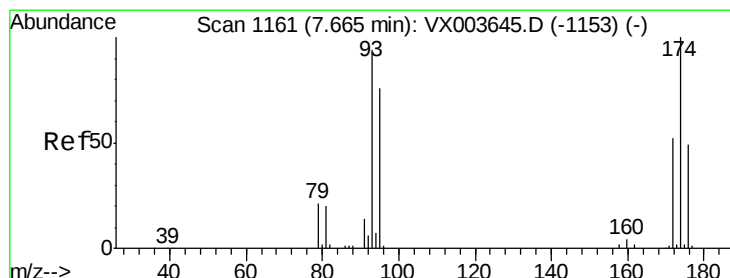
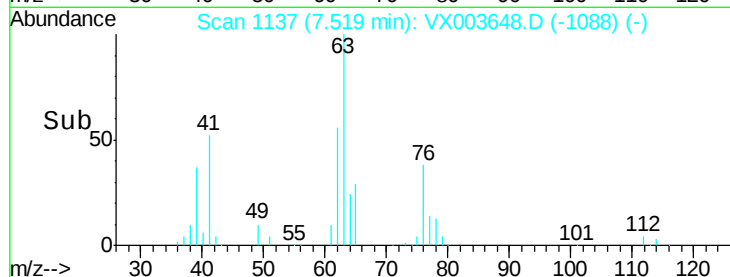
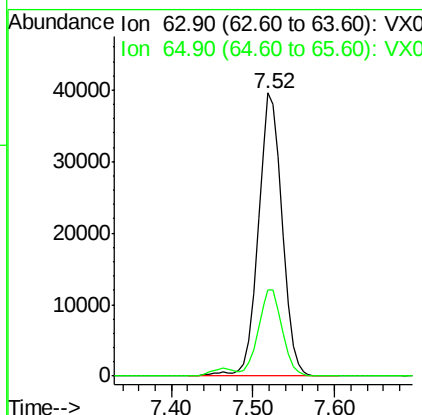
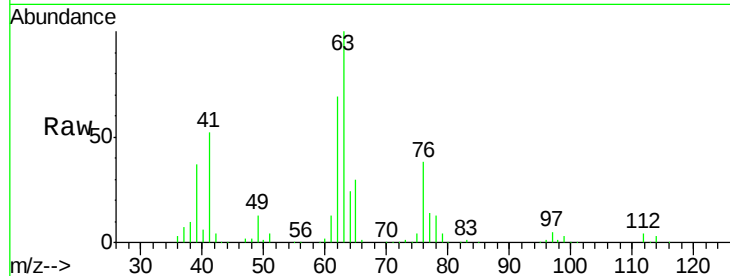




#45
 1,2-Dichloropropane
 Concen: 50.033 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

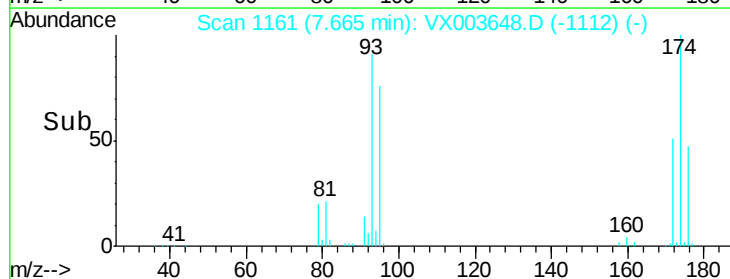
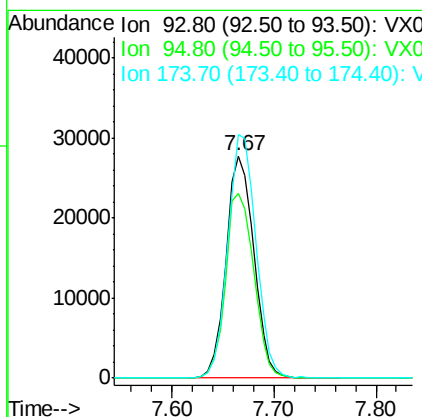
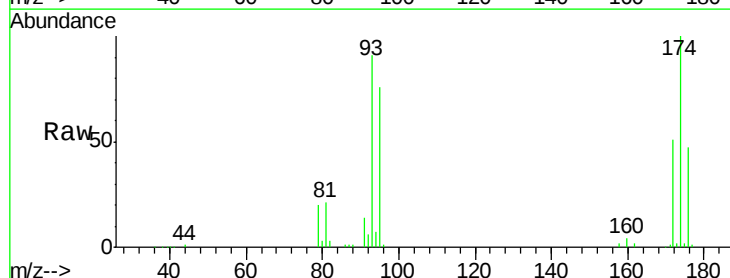
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

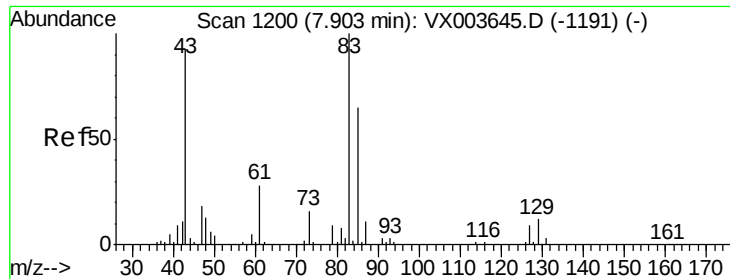
Tgt Ion: 63 Resp: 81103
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.0 36.0



#46
 Dibromomethane
 Concen: 50.103 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion: 93 Resp: 52174
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.0 100.6
 174 110.9 89.6 134.4





#47

Bromodichloromethane

Concen: 49.701 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

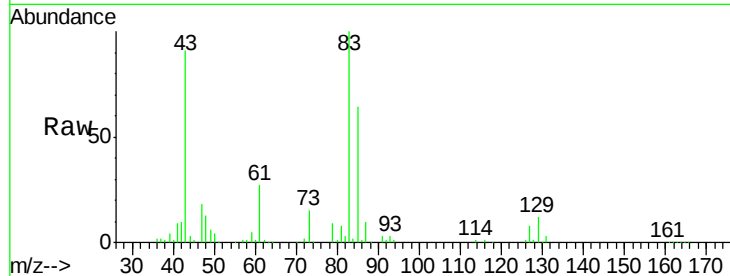
Tgt Ion: 83 Resp: 97036

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

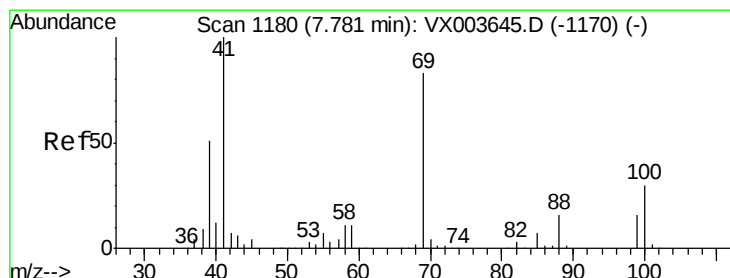
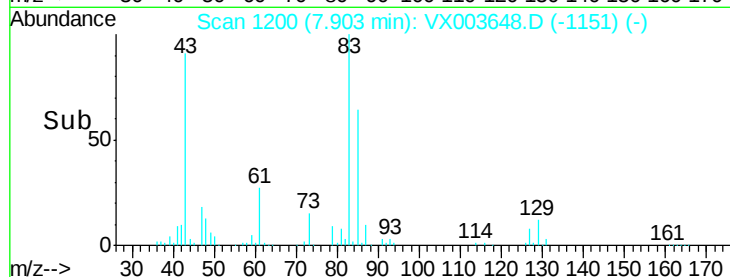
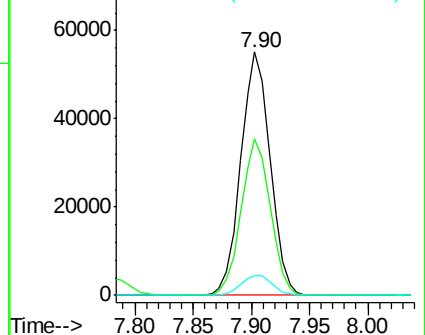
127 8.3 7.0 10.6



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: 51.370 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

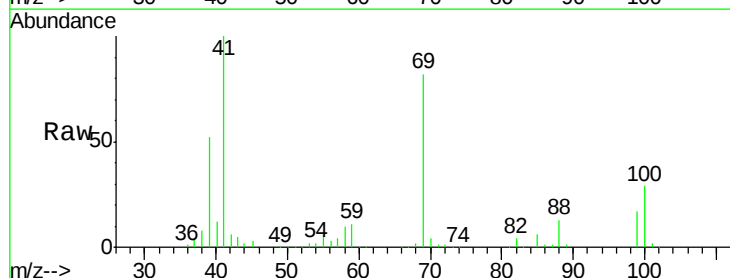
Tgt Ion: 41 Resp: 96900

Ion Ratio Lower Upper

41 100

69 83.3 66.9 100.3

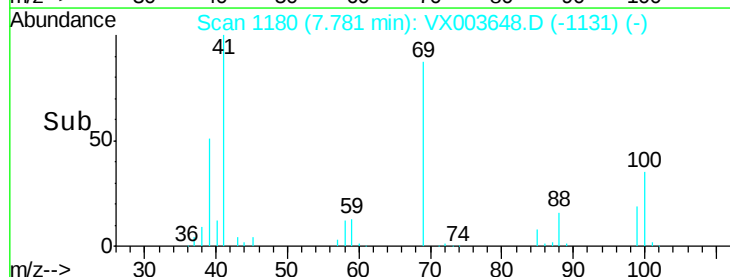
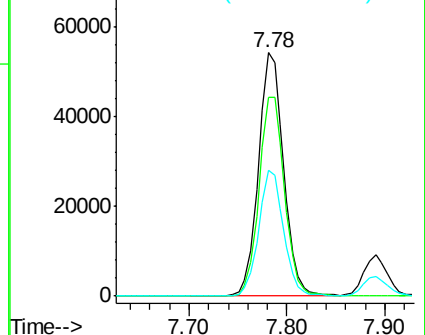
39 51.2 41.2 61.8

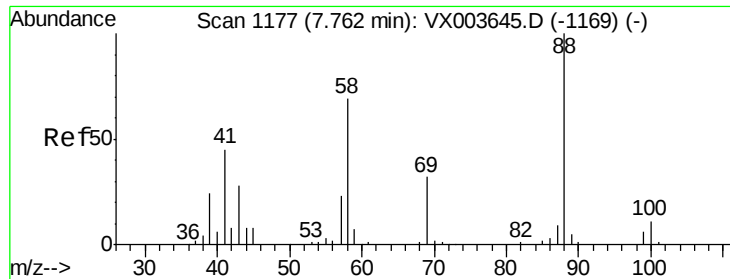


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

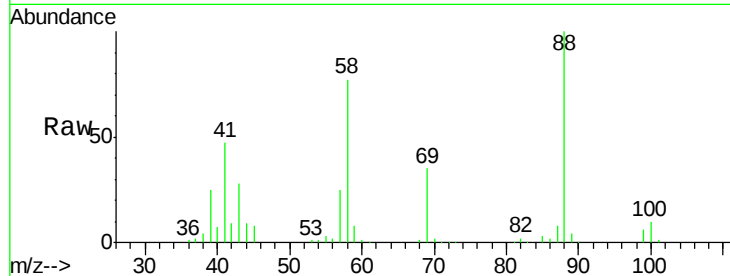




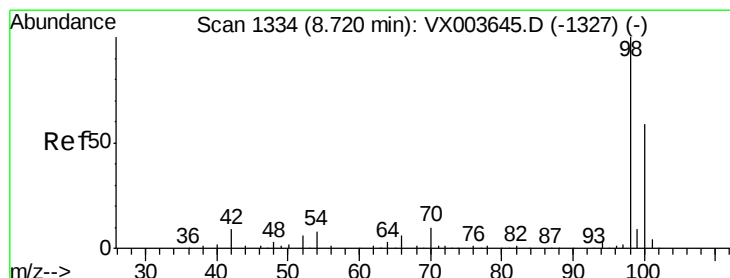
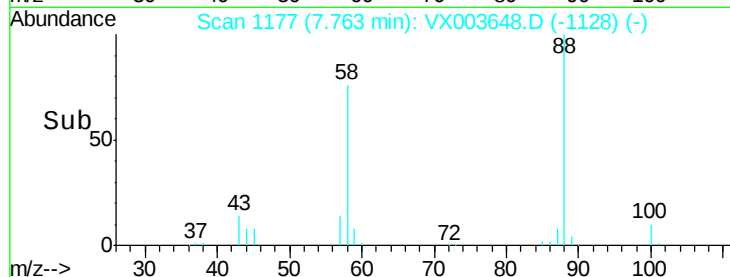
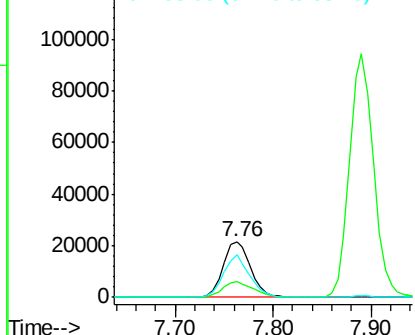
#49
1,4-Dioxane
Concen: 999.957 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tgt Ion: 88 Resp: 42082
Ion Ratio Lower Upper
88 100
43 32.0 25.8 38.6
58 72.4 58.3 87.5

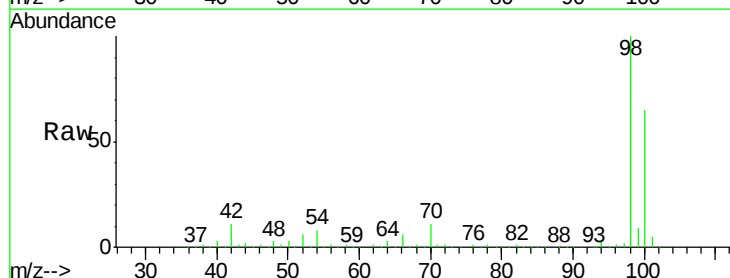


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

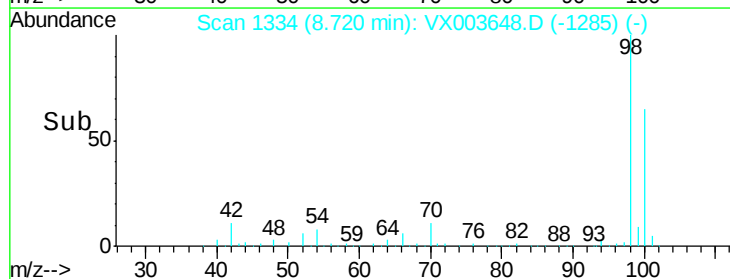
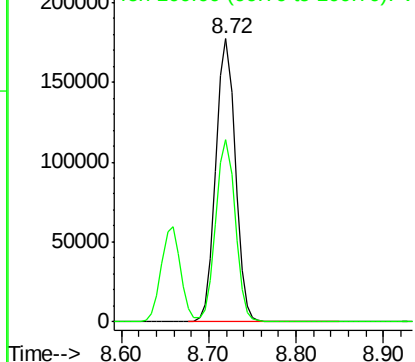


#50
Toluene-d8
Concen: 48.525 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion: 98 Resp: 274455
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 249.053 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

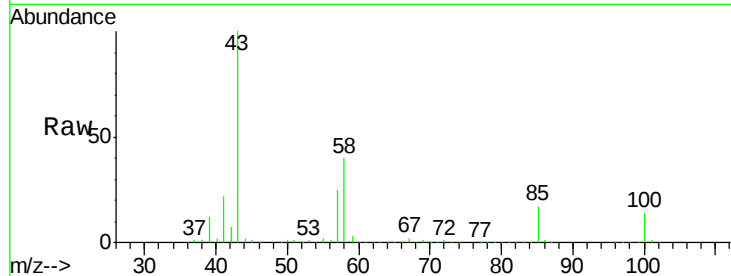
ICVVX072418

Tgt Ion: 43 Resp: 624653

Ion Ratio Lower Upper

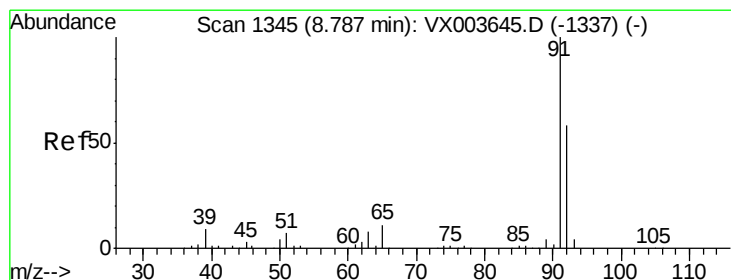
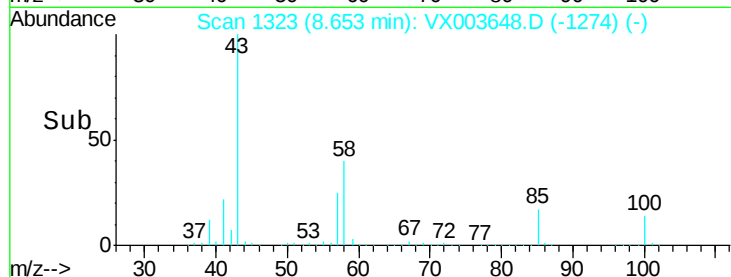
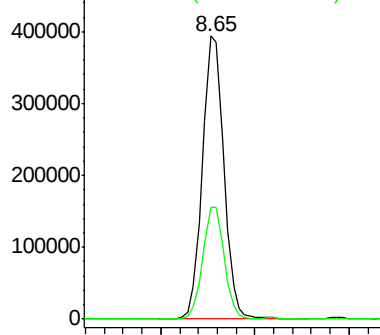
43 100

58 39.5 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.770 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003648.D

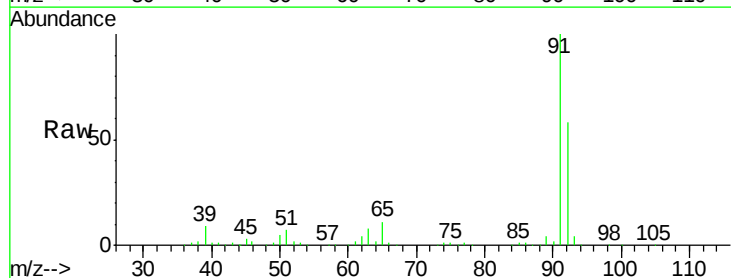
Acq: 24 Jul 2018 18:55

Tgt Ion: 92 Resp: 194001

Ion Ratio Lower Upper

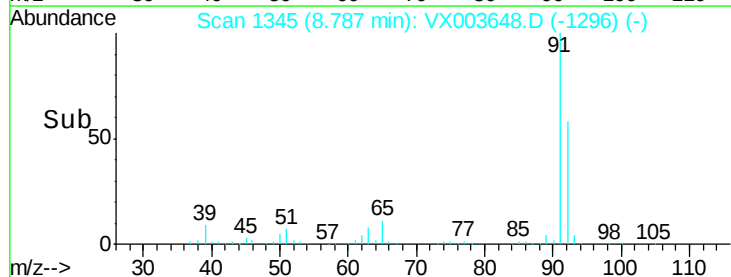
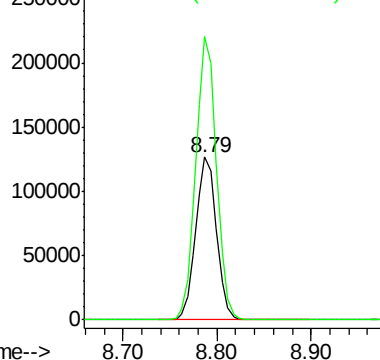
92 100

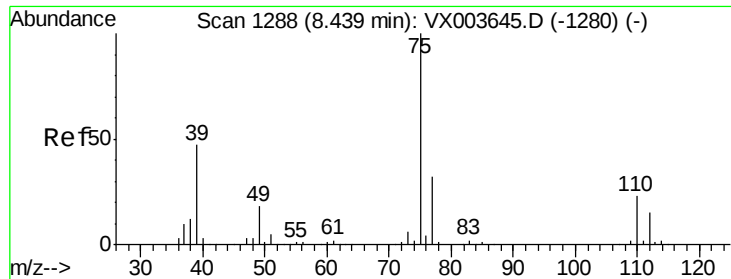
91 172.6 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

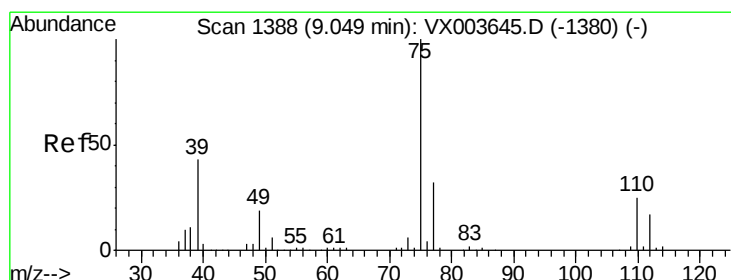
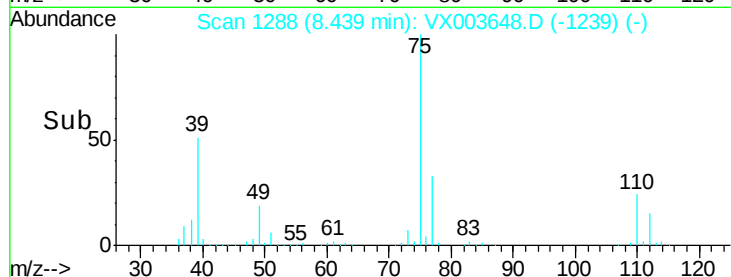
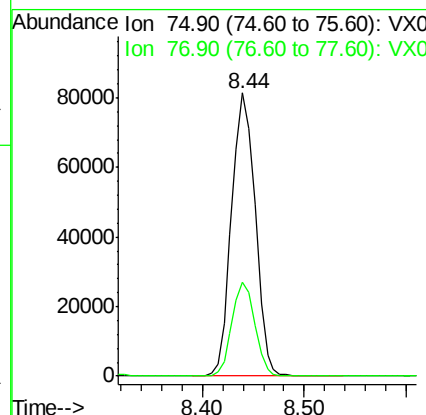
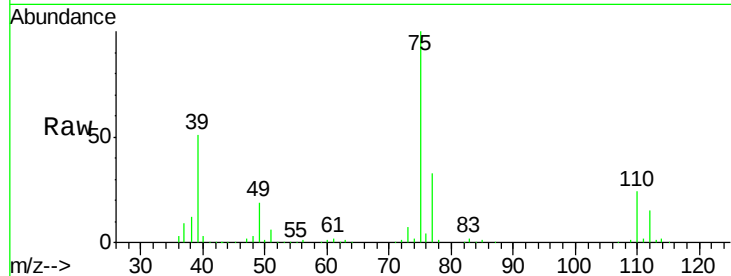




#53
 t-1,3-Dichloropropene
 Concen: 55.060 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

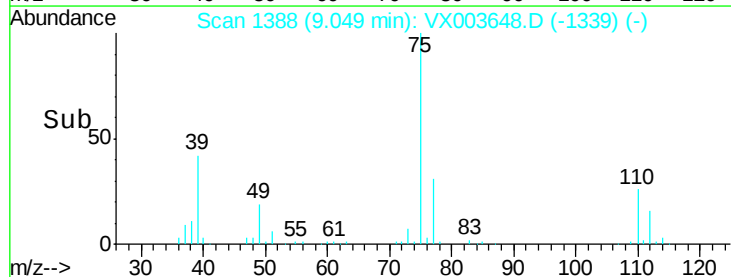
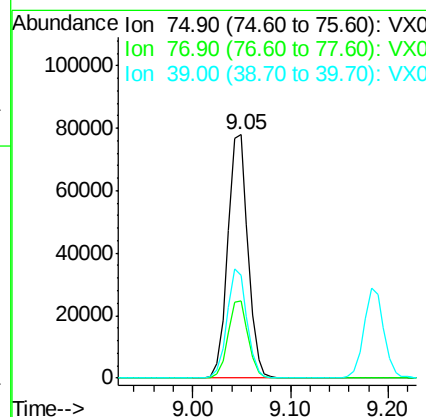
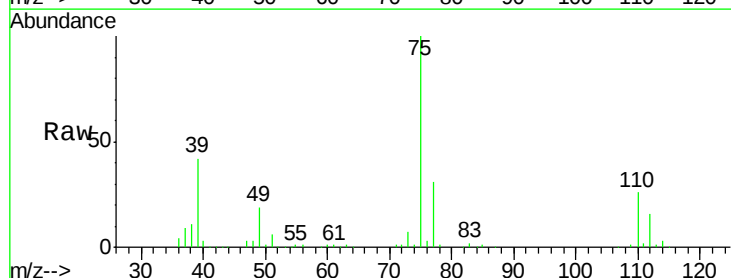
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

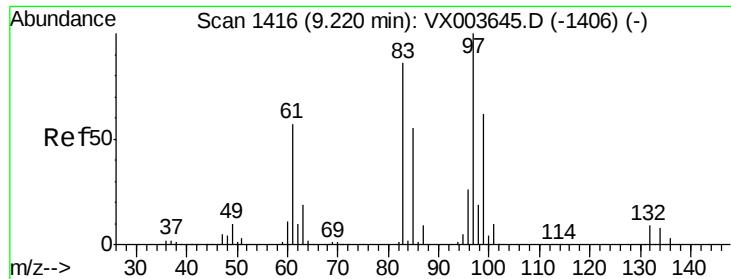
Tgt Ion: 75 Resp: 130973
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.554 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion: 75 Resp: 111443
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.6
 39 41.9 34.2 51.4

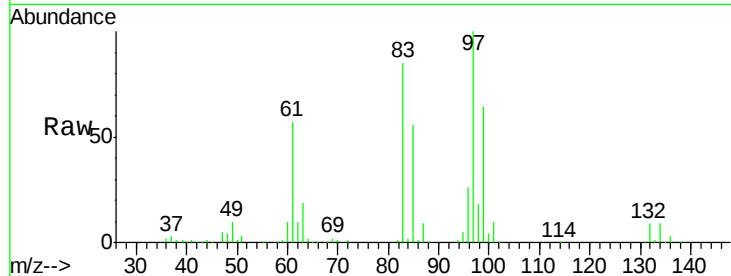




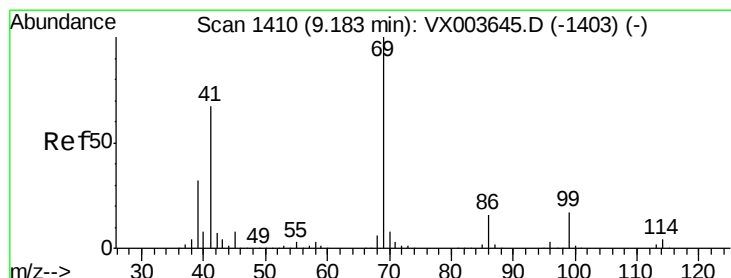
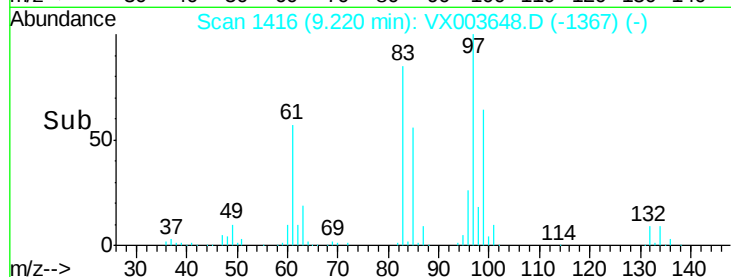
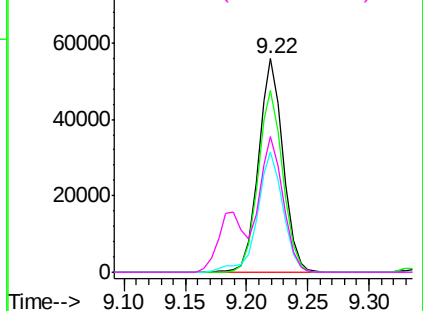
#55
 1,1,2-Trichloroethane
 Concen: 49.136 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

Tgt Ion: 97 Resp: 78290
 Ion Ratio Lower Upper
 97 100
 83 85.1 68.7 103.1
 85 56.1 43.7 65.5
 99 63.6 49.6 74.4

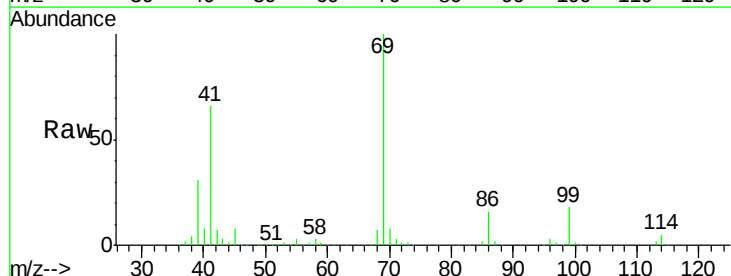


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

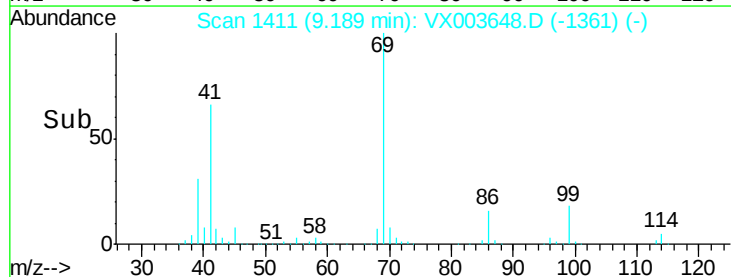
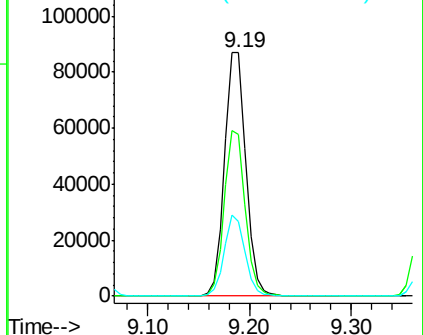


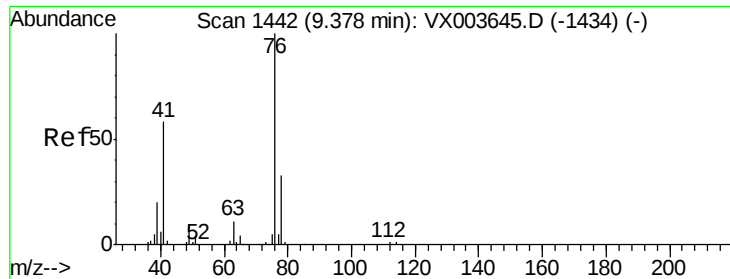
#56
 Ethyl methacrylate
 Concen: 53.303 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion: 69 Resp: 126388
 Ion Ratio Lower Upper
 69 100
 41 66.3 53.8 80.6
 39 32.2 25.8 38.8



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





#57

1,3-Dichloropropane

Concen: 49.341 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

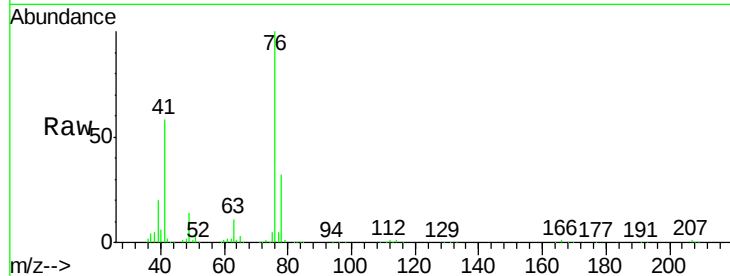
ICVVX072418

Tgt Ion: 76 Resp: 132008

Ion Ratio Lower Upper

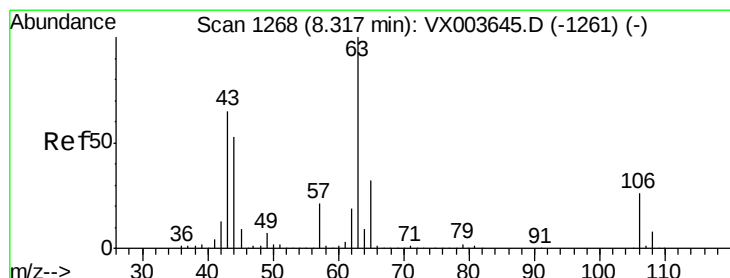
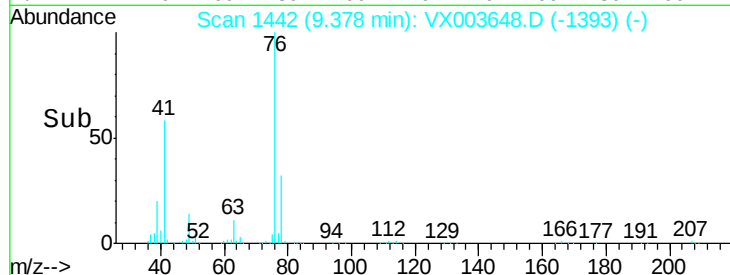
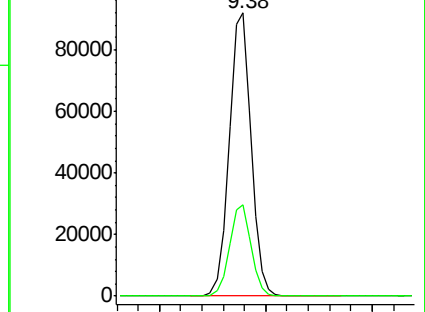
76 100

78 31.8 25.6 38.4



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: 272.264 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003648.D

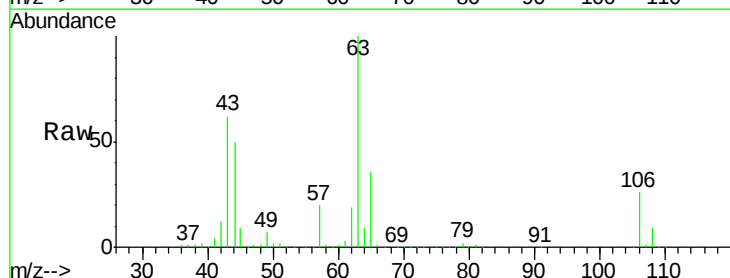
Acq: 24 Jul 2018 18:55

Tgt Ion: 63 Resp: 324406

Ion Ratio Lower Upper

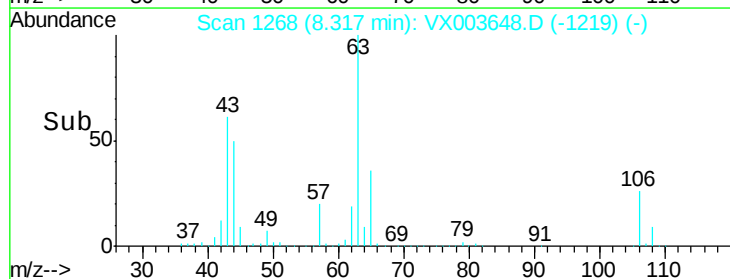
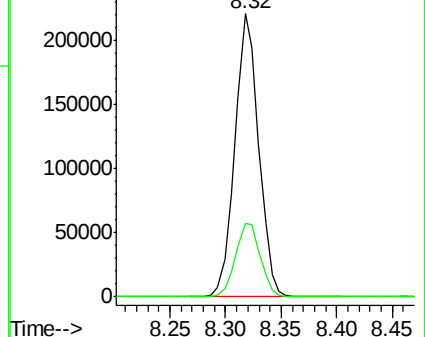
63 100

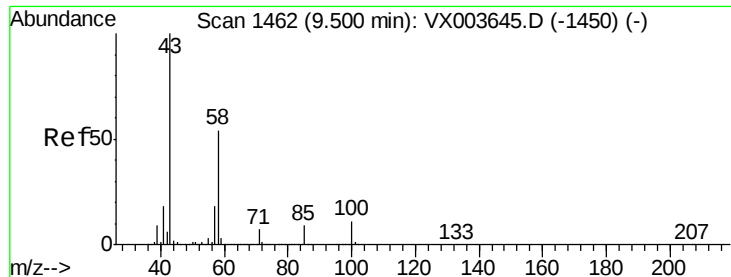
106 27.3 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

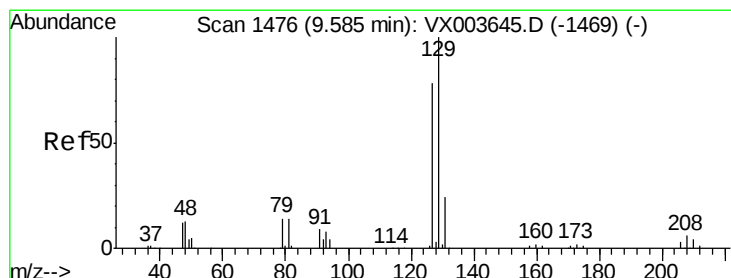
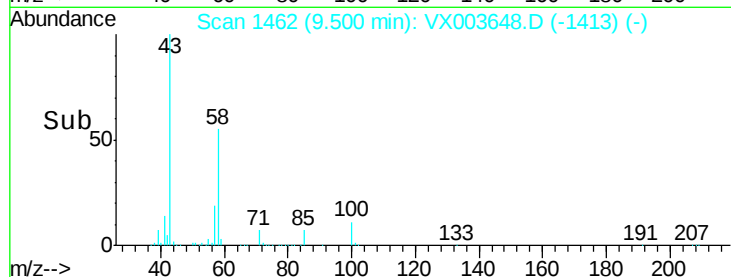
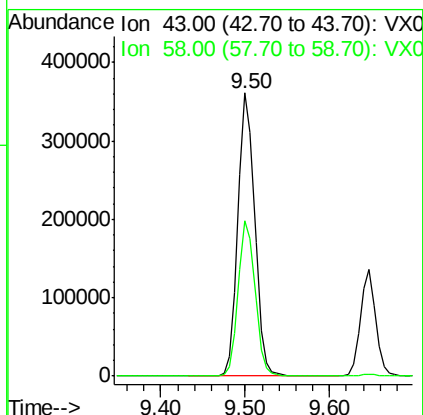
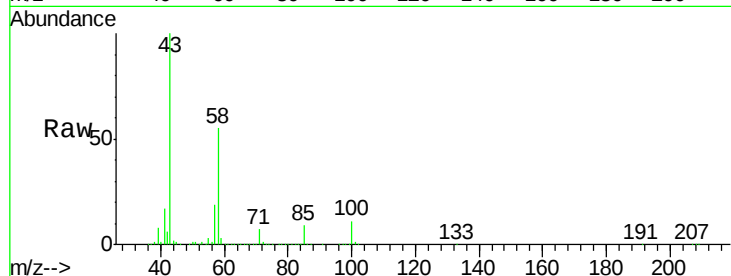




#59
2-Hexanone
Concen: 252.718 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

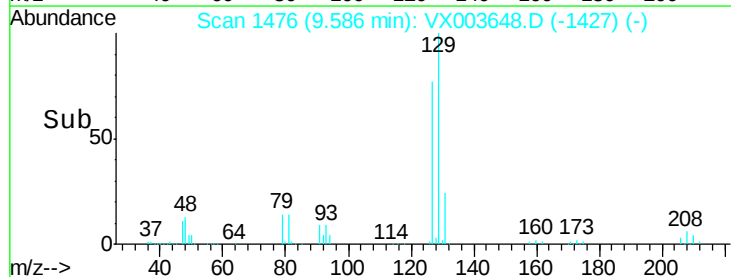
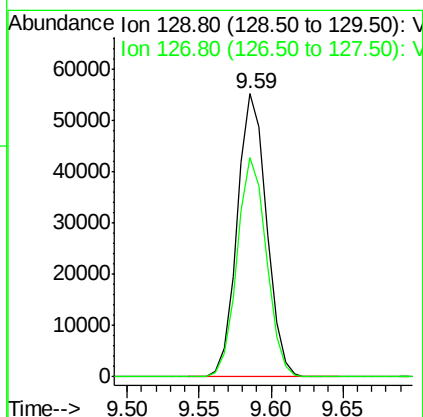
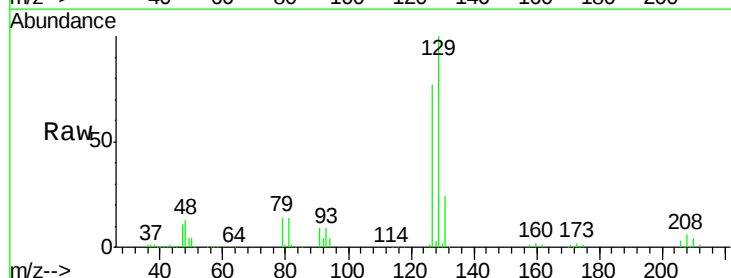
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

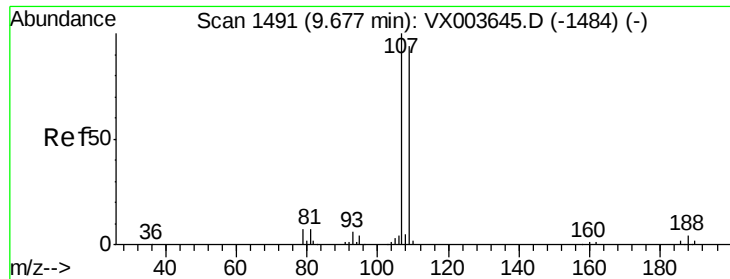
Tgt Ion: 43 Resp: 486214
Ion Ratio Lower Upper
43 100
58 54.7 27.3 81.9



#60
Dibromochloromethane
Concen: 51.806 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion: 129 Resp: 78293
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 49.828 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

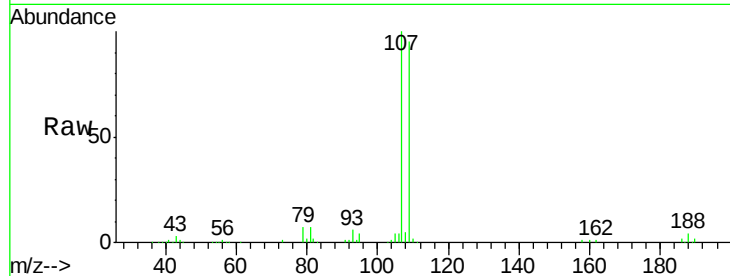
ICVVX072418

Tgt Ion: 107 Resp: 82670

Ion Ratio Lower Upper

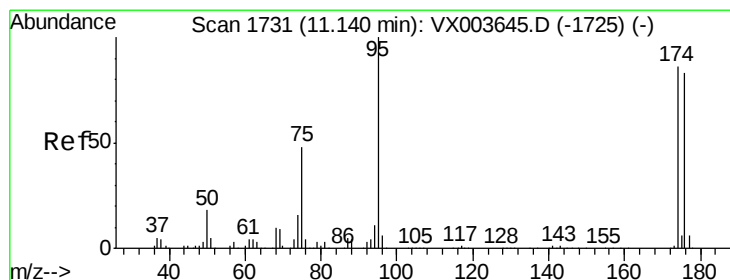
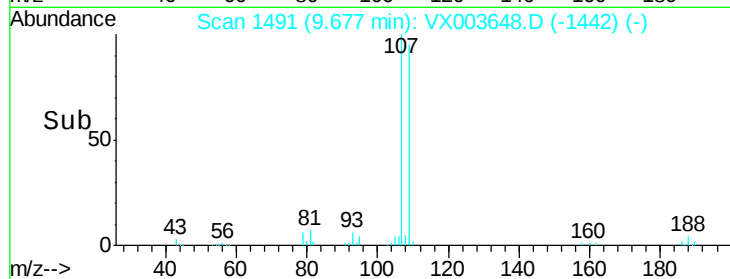
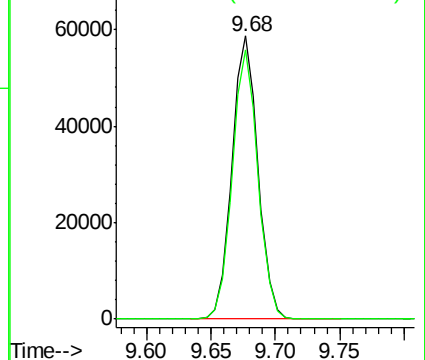
107 100

109 94.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.286 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

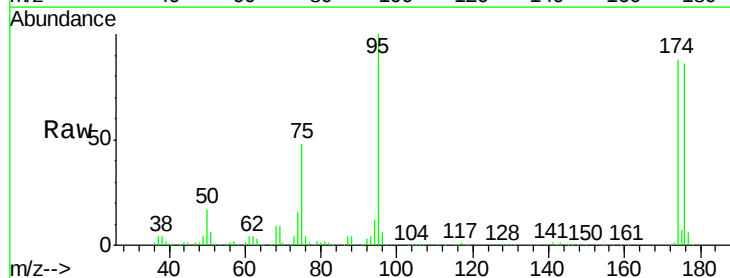
Tgt Ion: 95 Resp: 101674

Ion Ratio Lower Upper

95 100

174 88.8 0.0 179.0

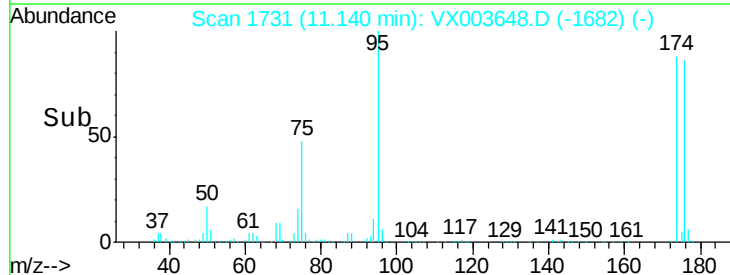
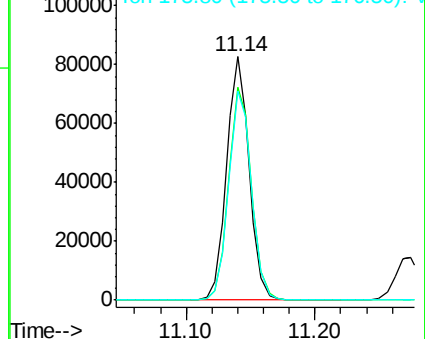
176 87.4 0.0 173.0

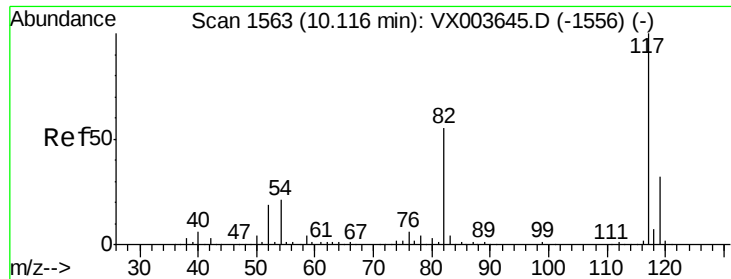


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

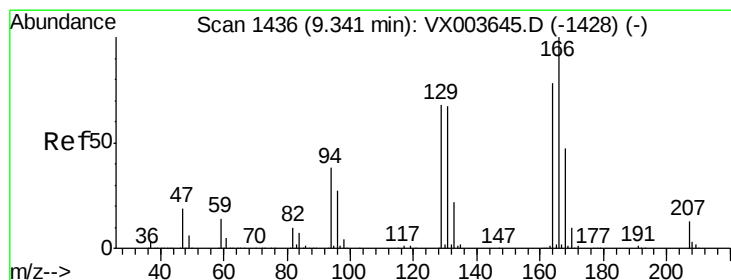
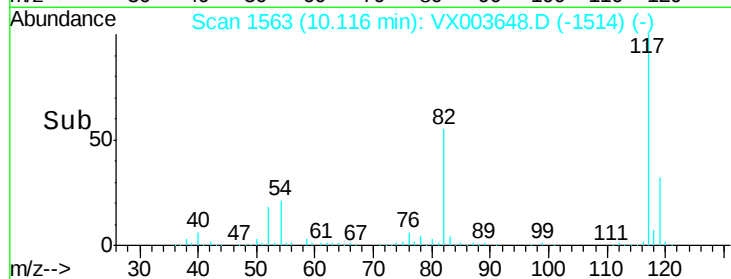
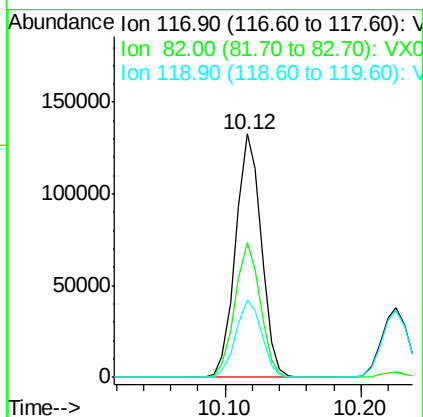
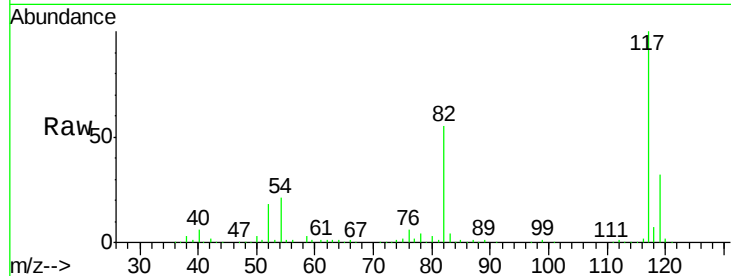




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

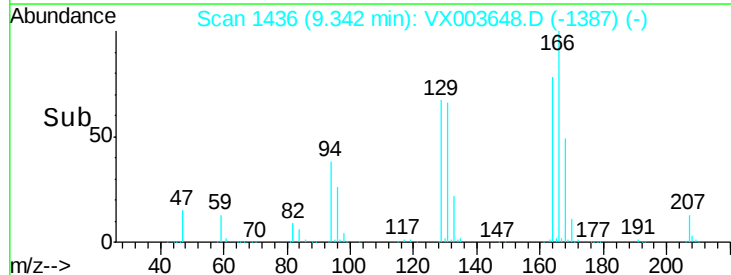
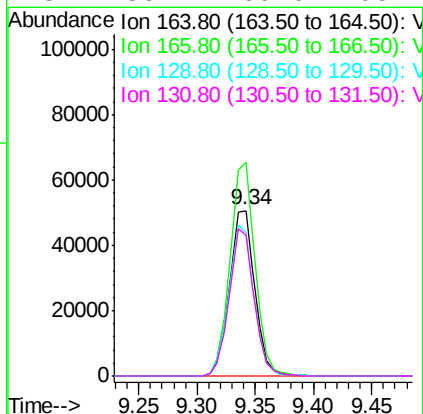
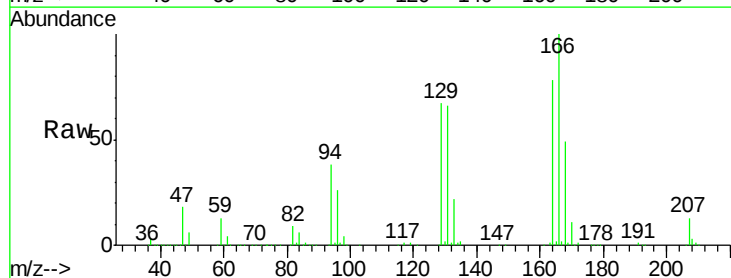
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

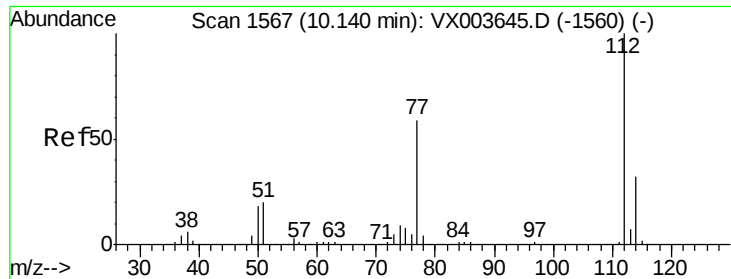
Tgt Ion:117 Resp: 174291
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 48.061 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion:164 Resp: 76584
Ion Ratio Lower Upper
164 100
166 129.0 102.4 153.6
129 86.9 69.6 104.4
131 85.4 69.0 103.4





#65

Chlorobenzene

Concen: 48.834 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

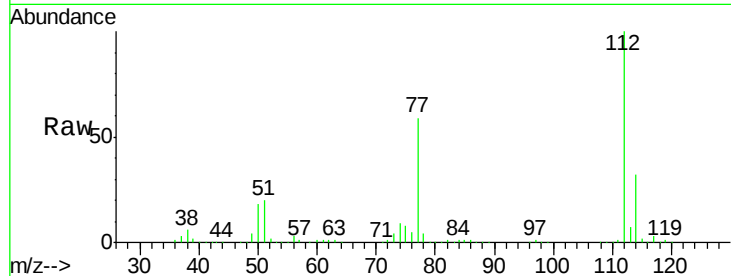
ICVVX072418

Tgt Ion:112 Resp: 214201

Ion Ratio Lower Upper

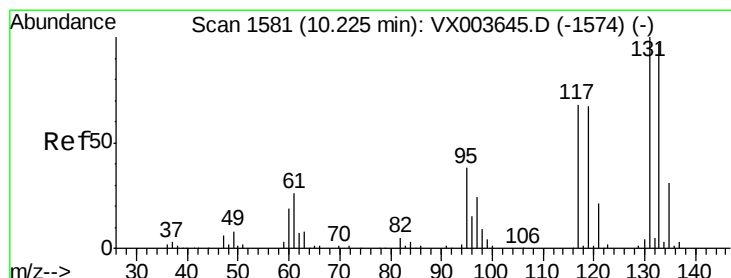
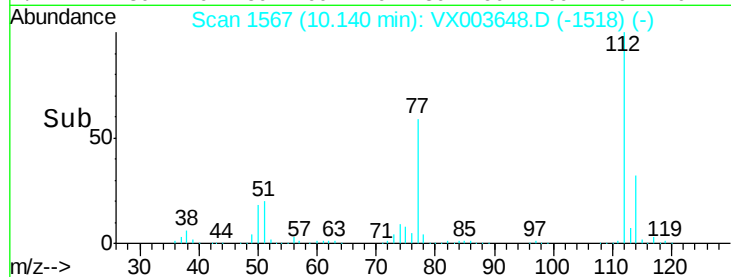
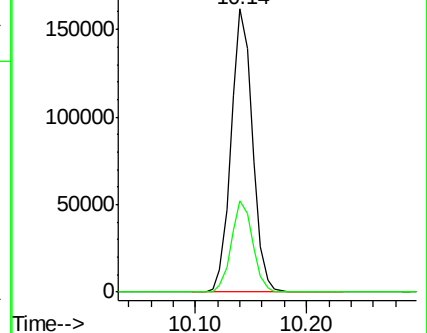
112 100

114 32.3 25.8 38.8



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: 49.784 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

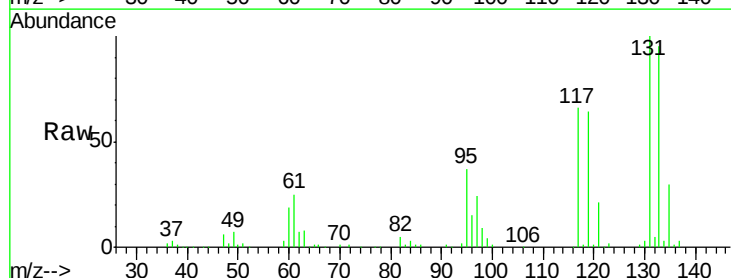
Tgt Ion:131 Resp: 75917

Ion Ratio Lower Upper

131 100

133 95.4 47.6 142.8

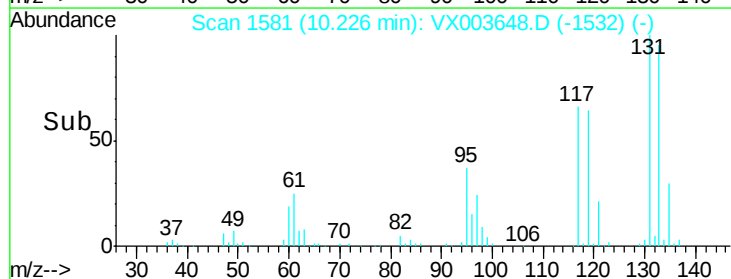
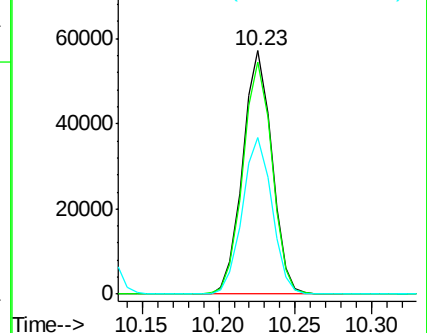
119 65.4 32.8 98.4

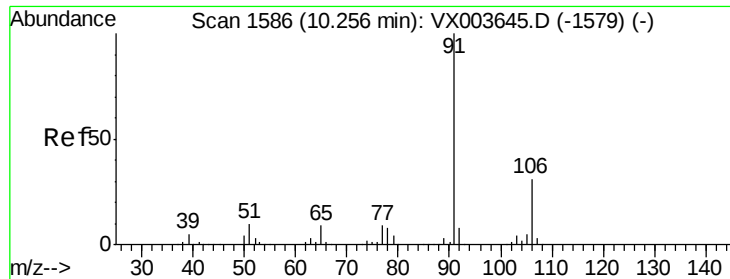


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.757 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

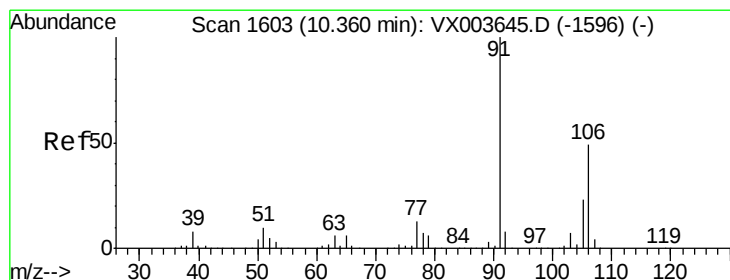
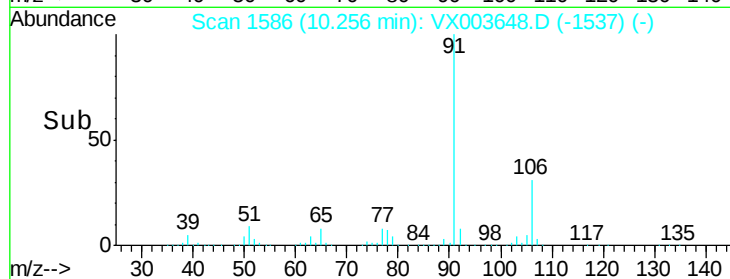
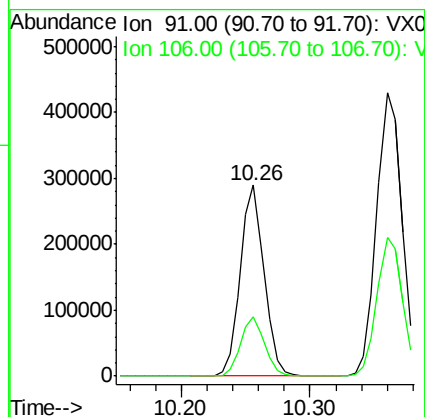
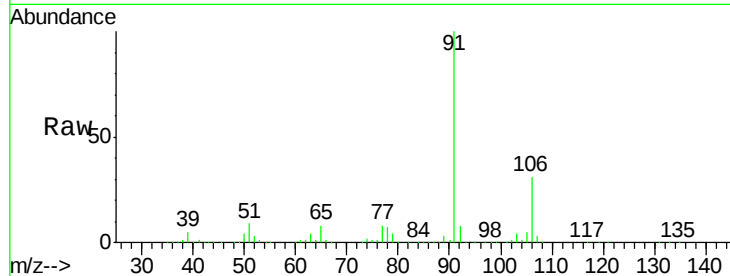
ICVVX072418

Tgt Ion: 91 Resp: 372669

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.6



#68

m/p-Xylenes

Concen: 101.762 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003648.D

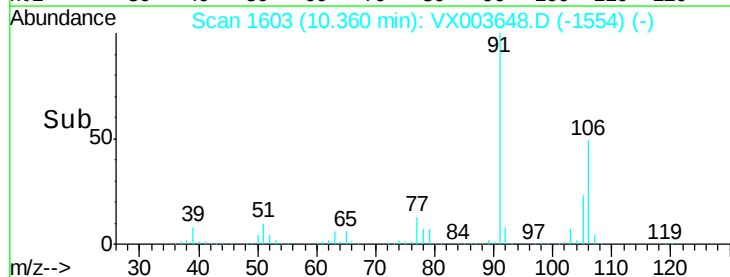
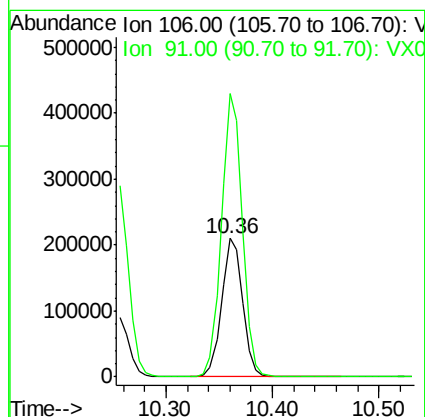
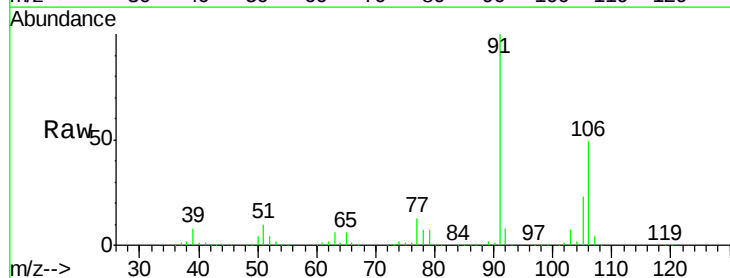
Acq: 24 Jul 2018 18:55

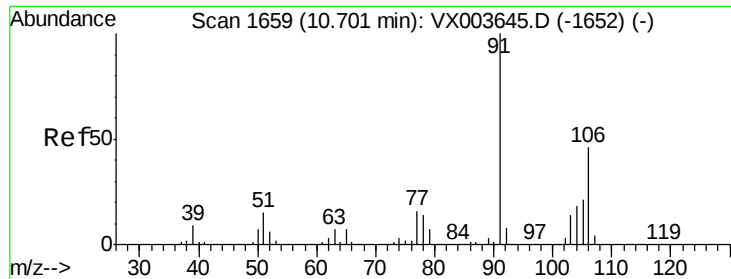
Tgt Ion: 106 Resp: 286635

Ion Ratio Lower Upper

106 100

91 204.0 162.2 243.2

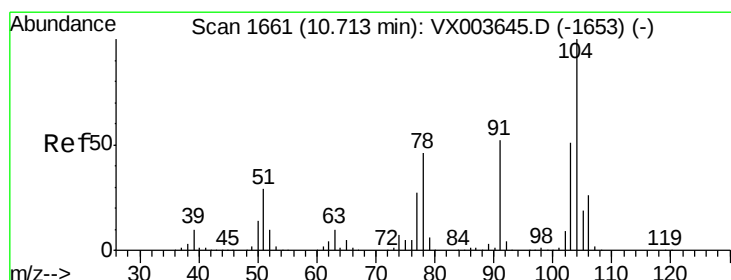
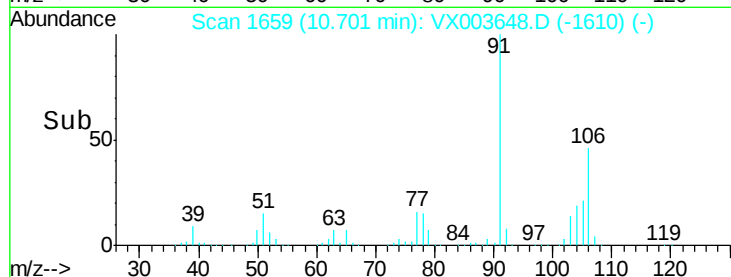
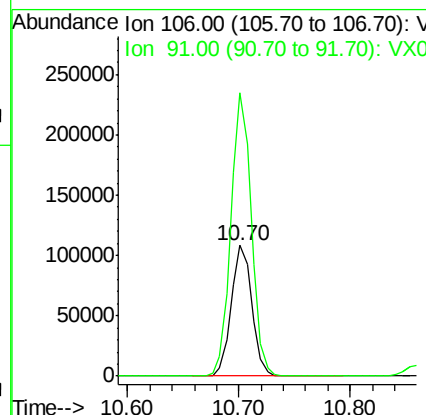
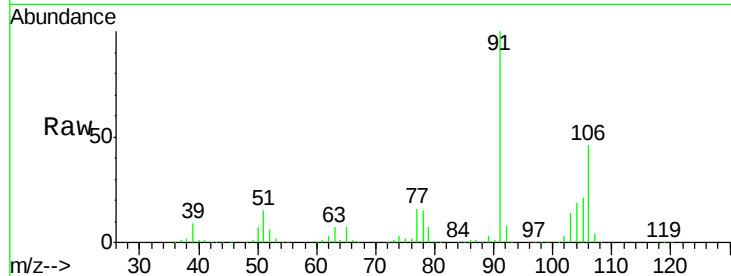




#69
o-Xylene
Concen: 51.215 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

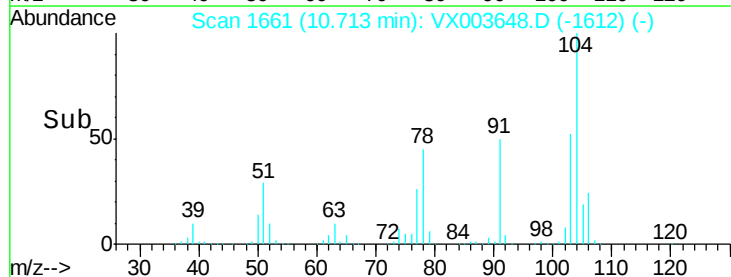
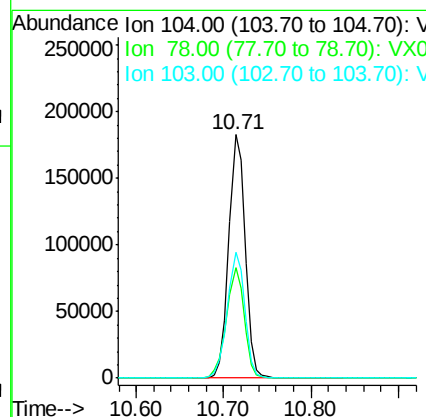
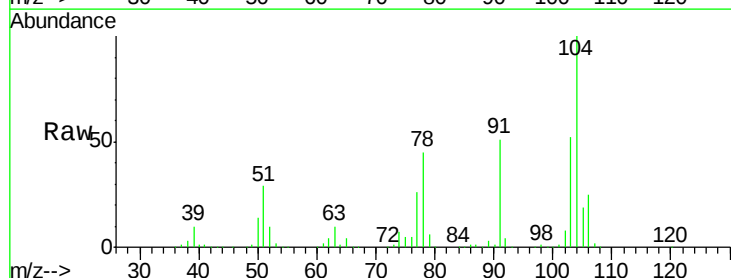
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tgt Ion:106 Resp: 138876
Ion Ratio Lower Upper
106 100
91 214.8 107.1 321.1



#70
Styrene
Concen: 52.002 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion:104 Resp: 236871
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 55.4 44.2 66.4





#71

Bromoform

Concen: 50.428 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

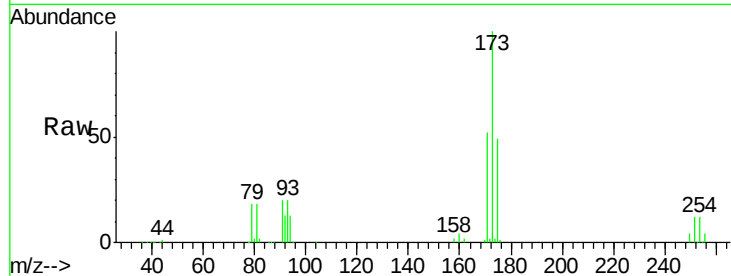
Tgt Ion:173 Resp: 60807

Ion Ratio Lower Upper

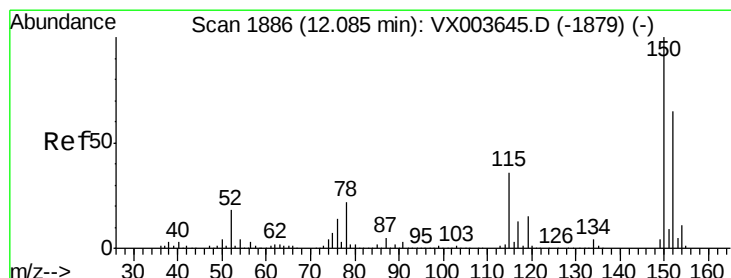
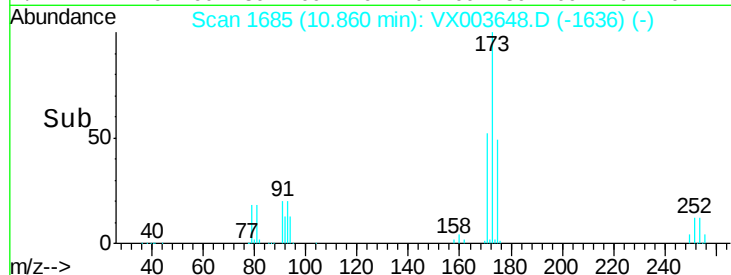
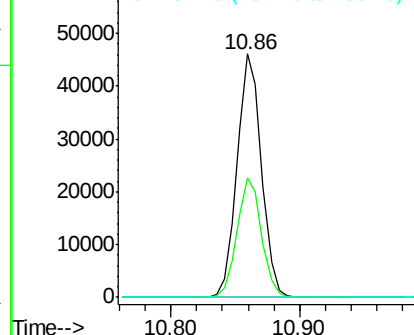
173 100

175 48.7 24.1 72.2

254 0.2 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

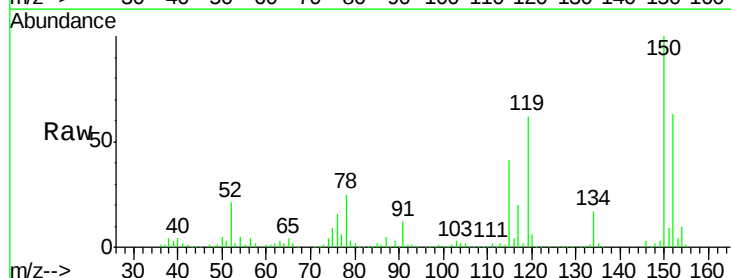
Tgt Ion:152 Resp: 104836

Ion Ratio Lower Upper

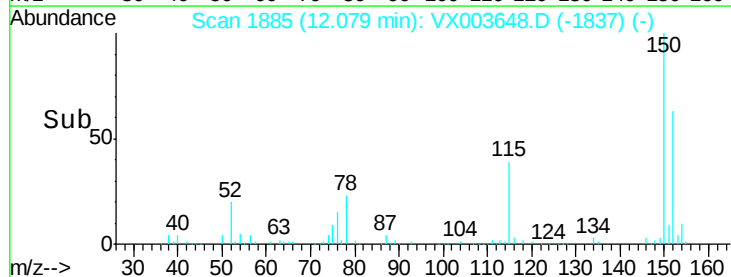
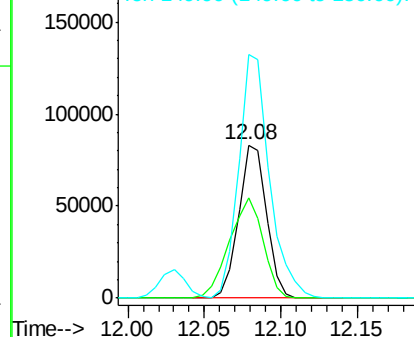
152 100

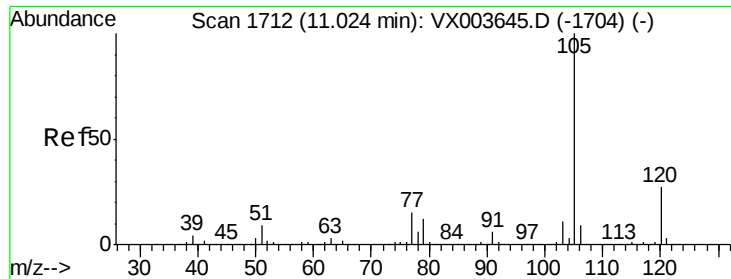
115 79.5 40.0 119.9

150 175.7 0.0 348.4



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





#73

Isopropylbenzene

Concen: 51.879 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

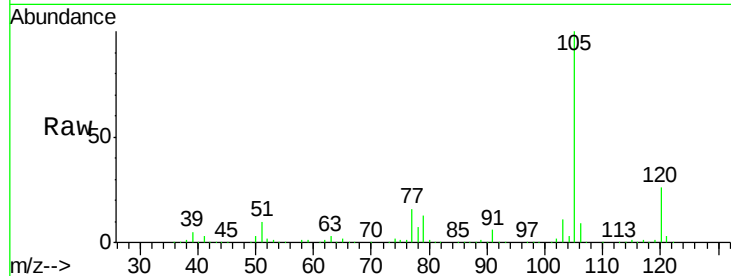
ICVVX072418

Tgt Ion:105 Resp: 371597

Ion Ratio Lower Upper

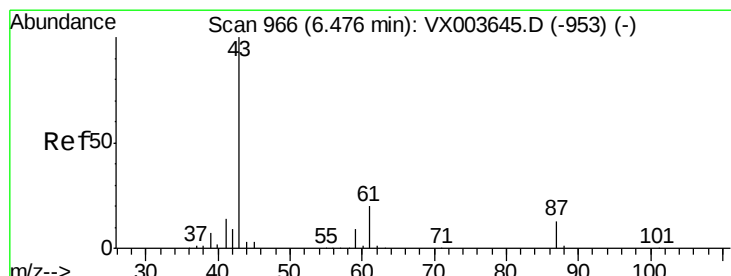
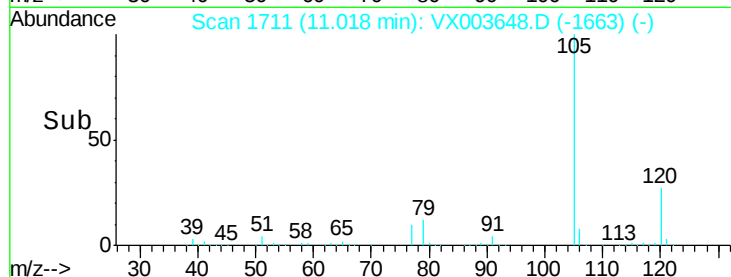
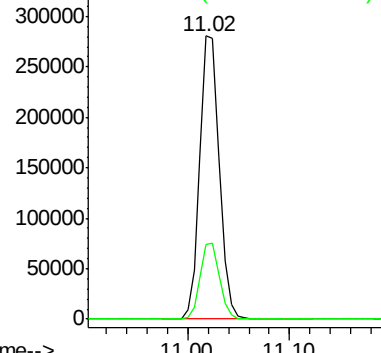
105 100

120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.334 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Tgt Ion: 43 Resp: 188035

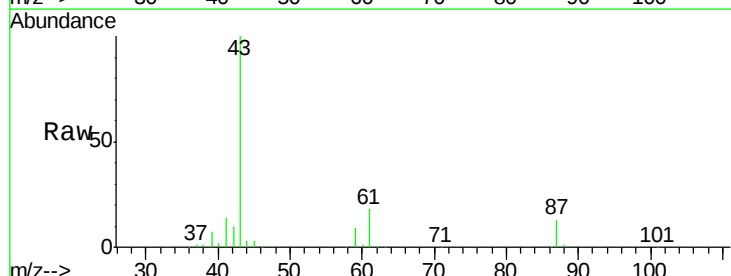
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 20.1 15.9 23.9

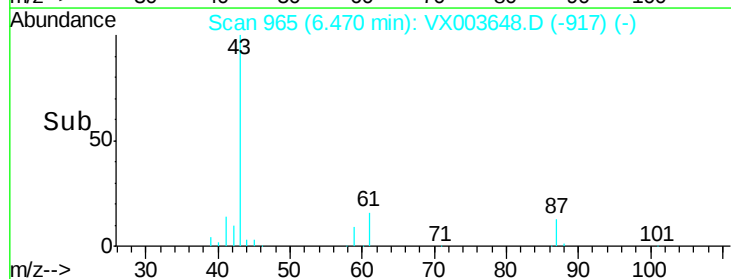
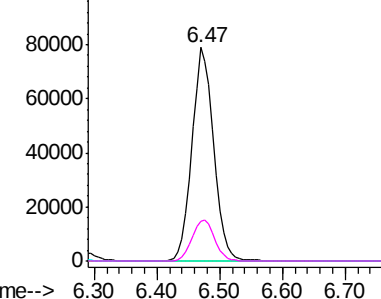


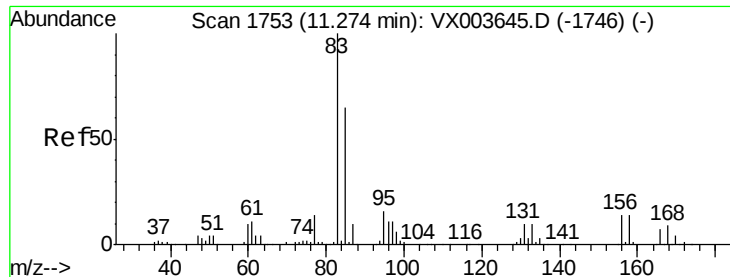
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.913 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

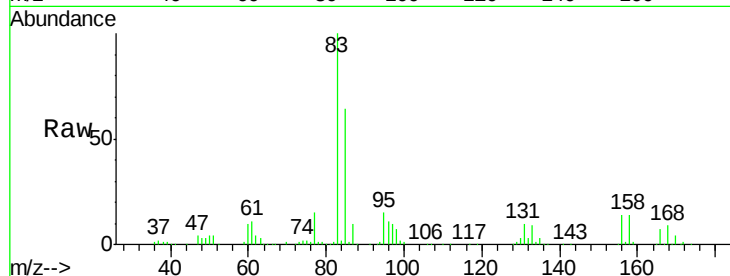
Tgt Ion: 83 Resp: 126734

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

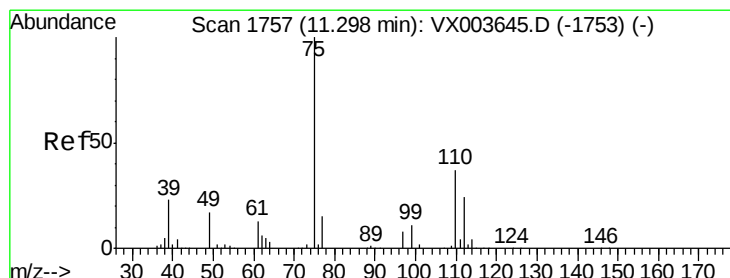
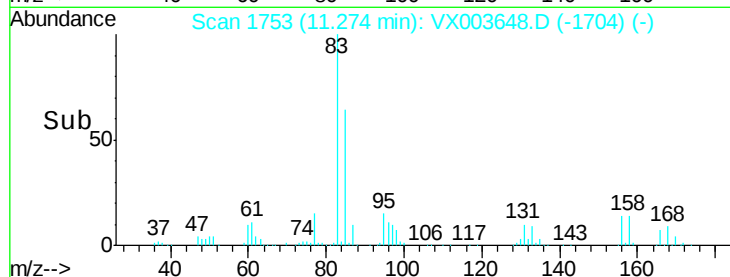
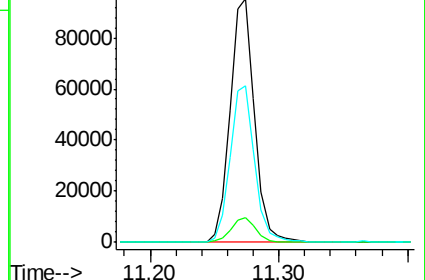
85 64.6 31.9 95.9



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: 66.729 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003648.D

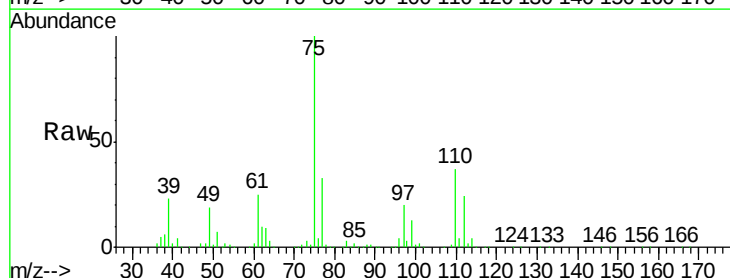
Acq: 24 Jul 2018 18:55

Tgt Ion: 75 Resp: 146731

Ion Ratio Lower Upper

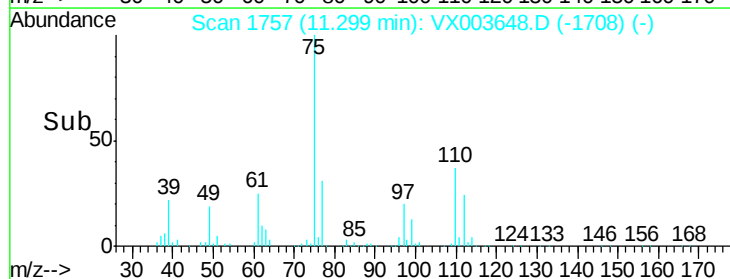
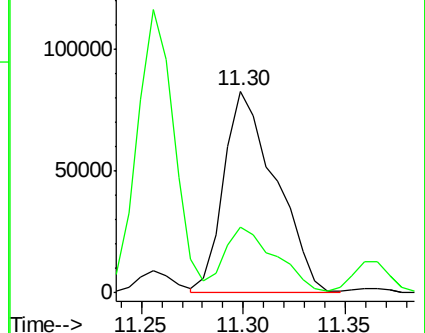
75 100

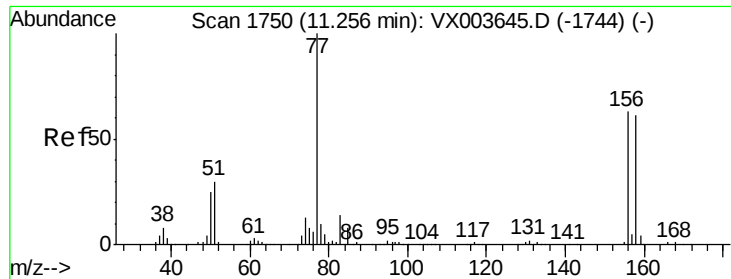
77 32.1 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.838 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

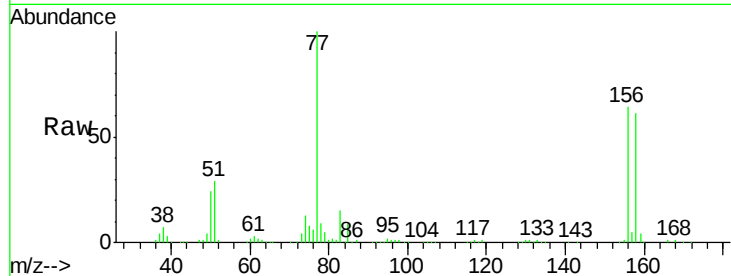
Tgt Ion:156 Resp: 96955

Ion Ratio Lower Upper

156 100

77 150.8 74.9 224.6

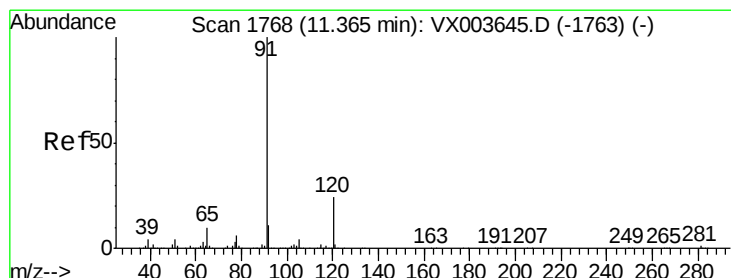
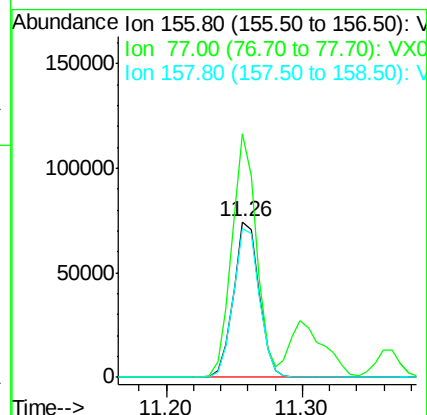
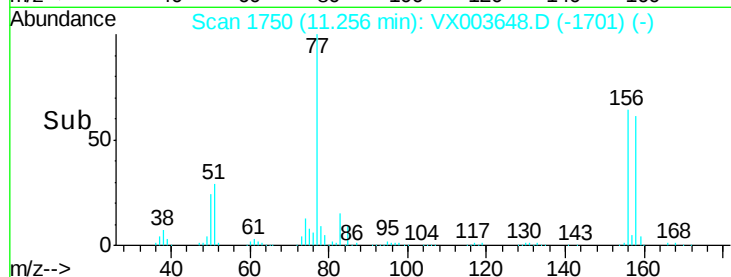
158 97.2 48.4 145.2



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: 52.456 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003648.D

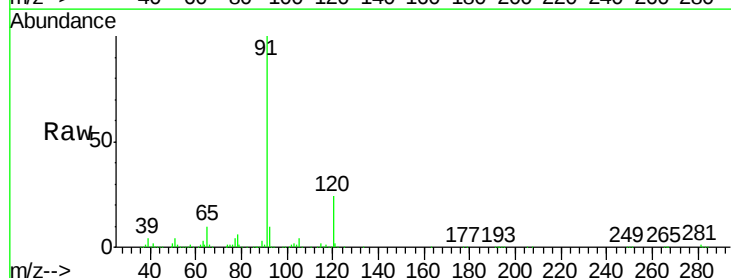
Acq: 24 Jul 2018 18:55

Tgt Ion: 91 Resp: 433855

Ion Ratio Lower Upper

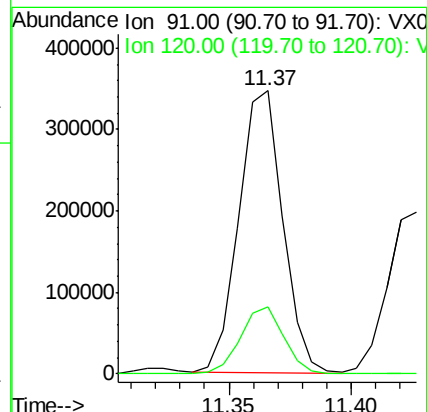
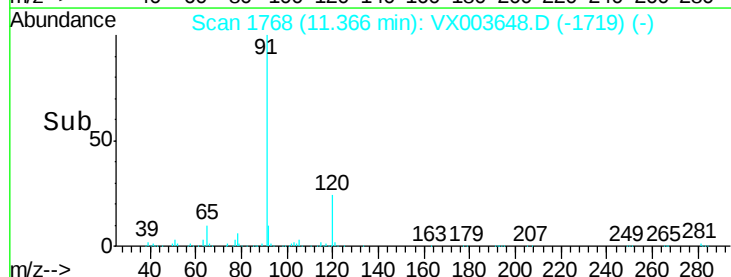
91 100

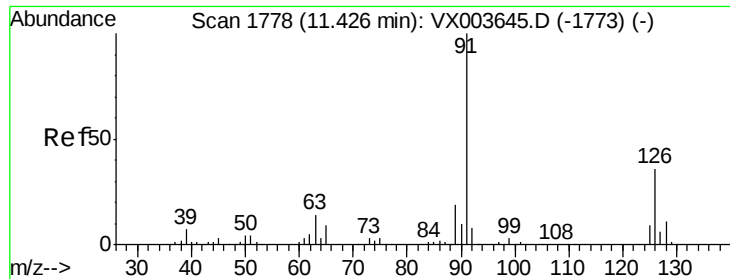
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.466 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

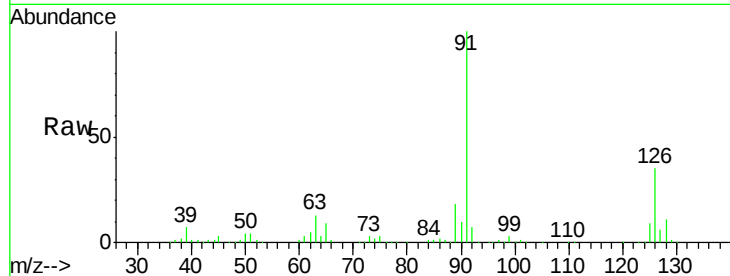
ICVVX072418

Tgt Ion: 91 Resp: 253691

Ion Ratio Lower Upper

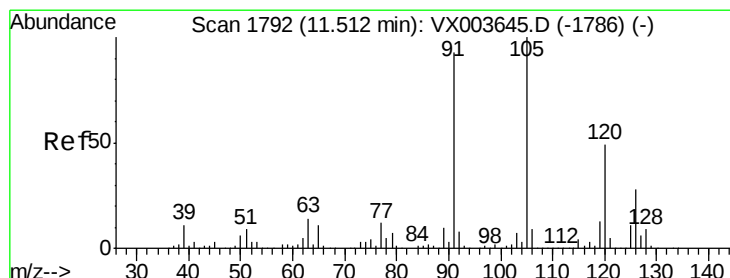
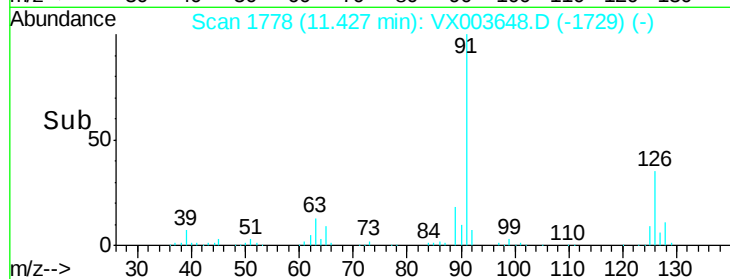
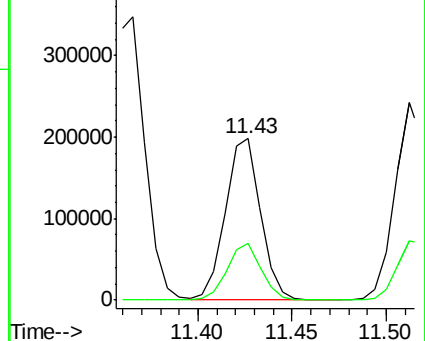
91 100

126 34.7 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.276 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003648.D

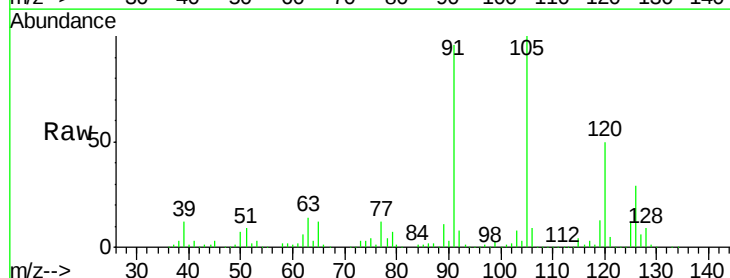
Acq: 24 Jul 2018 18:55

Tgt Ion: 105 Resp: 316788

Ion Ratio Lower Upper

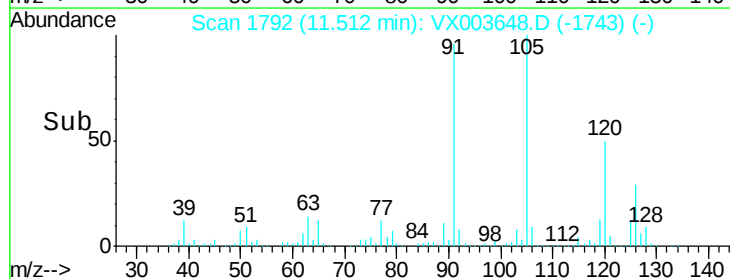
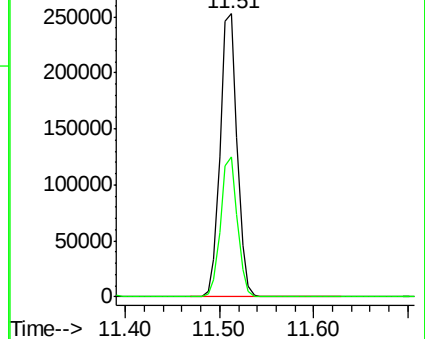
105 100

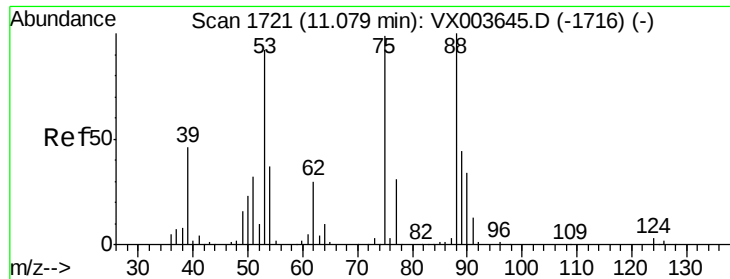
120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.262 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

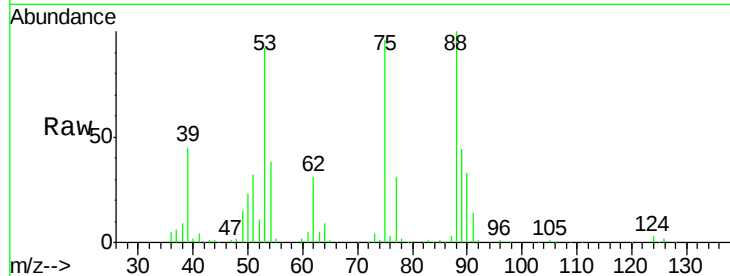
Tgt Ion: 75 Resp: 37091

Ion Ratio Lower Upper

75 100

53 98.2 77.8 116.8

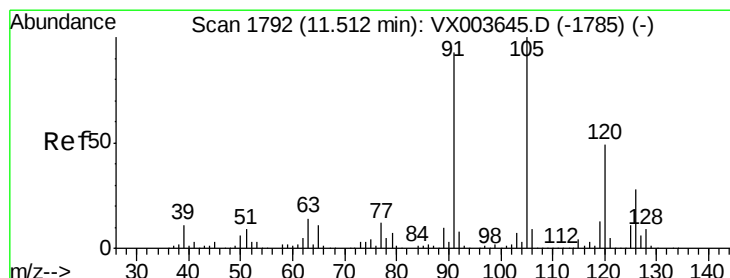
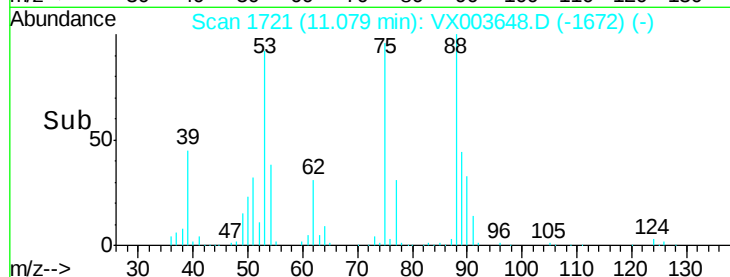
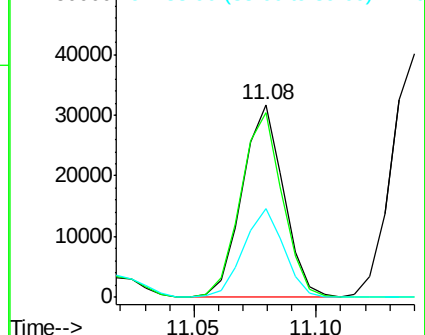
89 45.5 36.6 54.8



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: 50.720 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003648.D

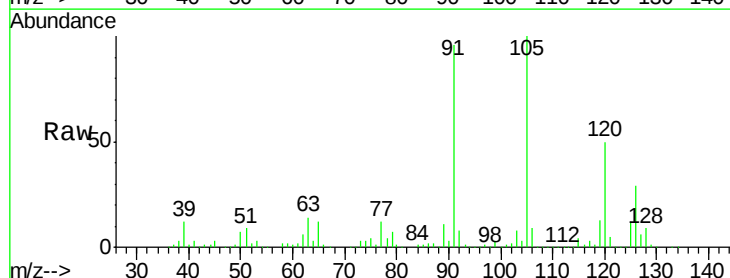
Acq: 24 Jul 2018 18:55

Tgt Ion: 91 Resp: 300339

Ion Ratio Lower Upper

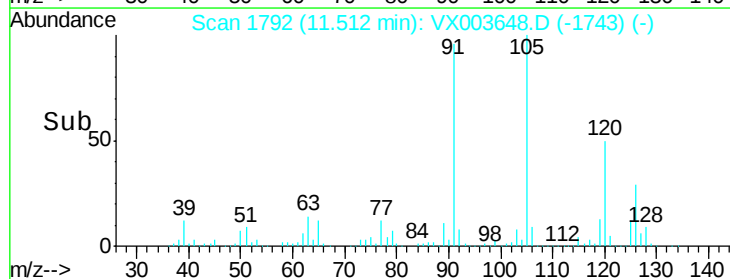
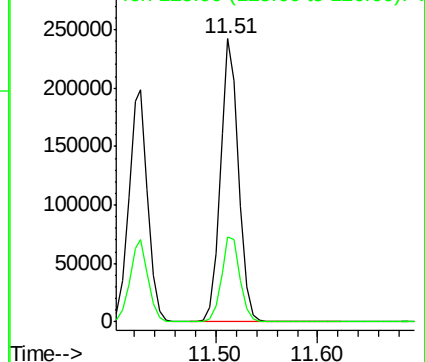
91 100

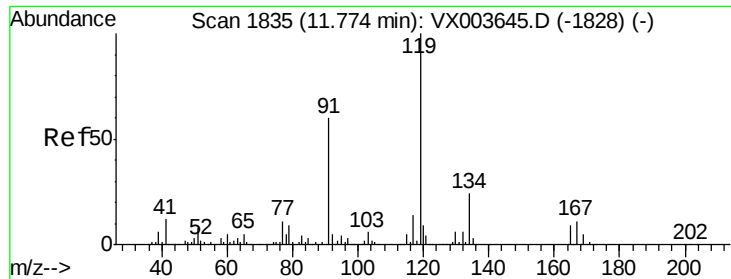
126 30.8 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

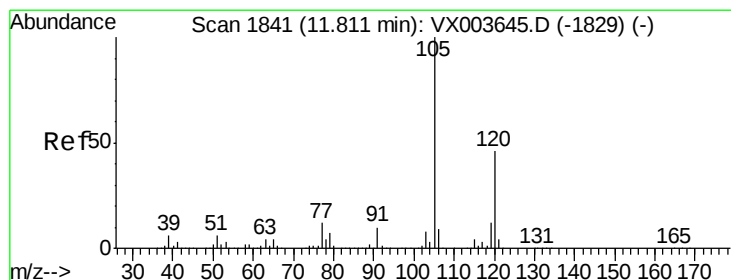
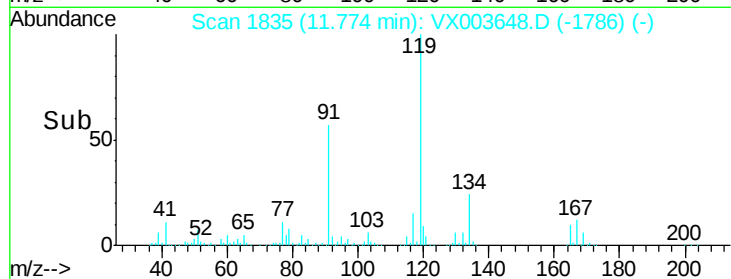
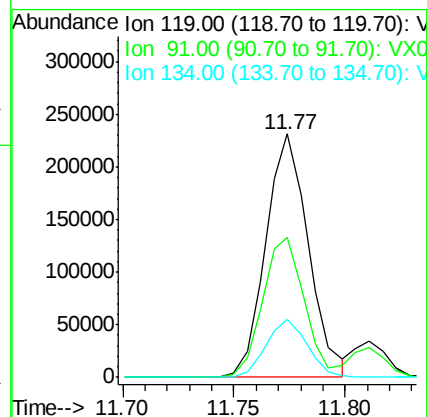
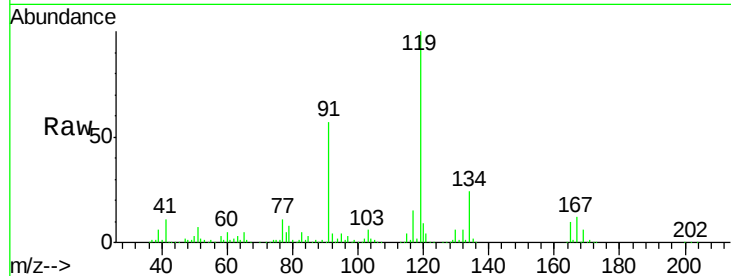




#83
 tert-Butylbenzene
 Concen: 51.803 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

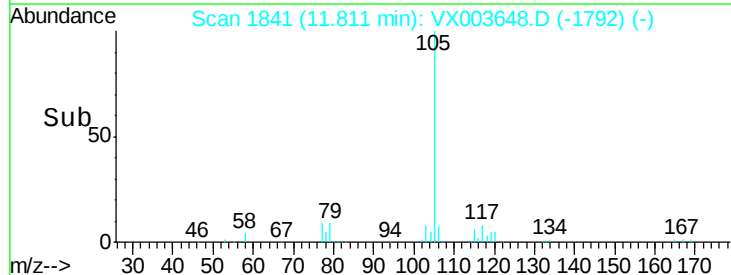
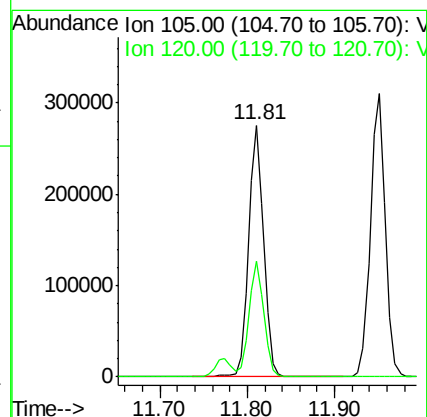
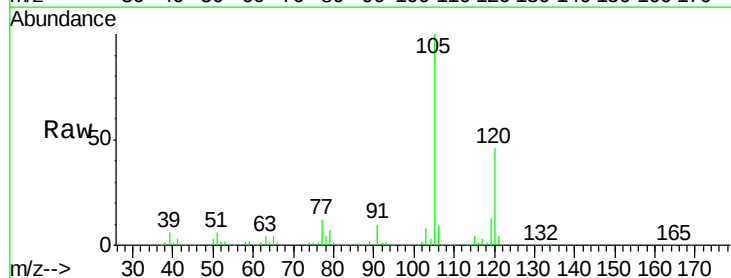
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

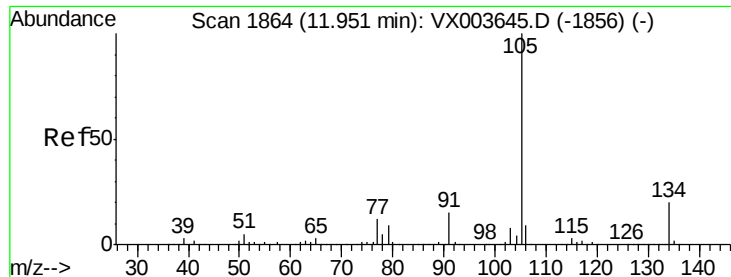
Tgt Ion:119 Resp: 307178
 Ion Ratio Lower Upper
 119 100
 91 55.5 28.4 85.2
 134 23.0 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.477 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion:105 Resp: 326836
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.8

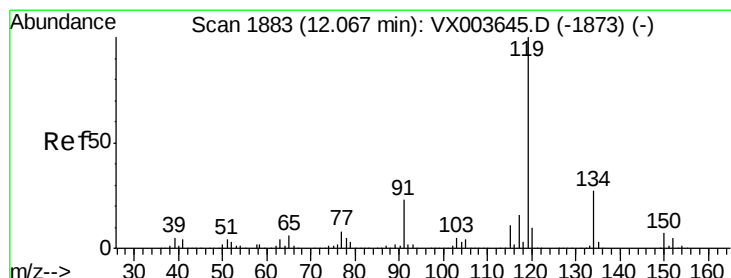
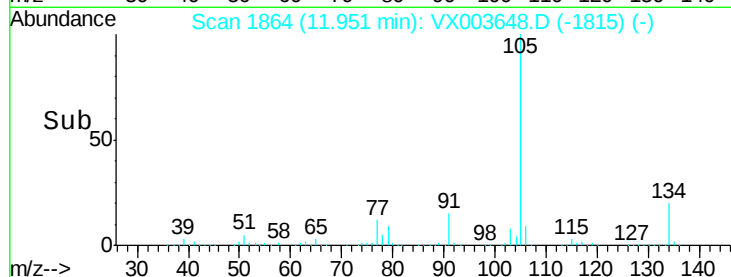
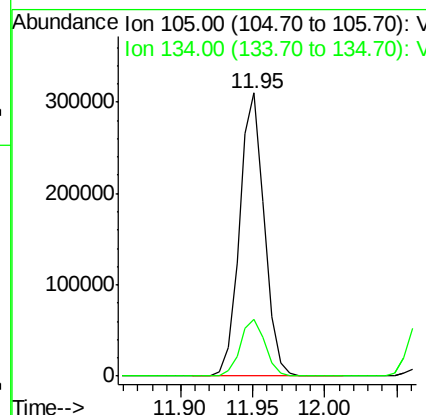
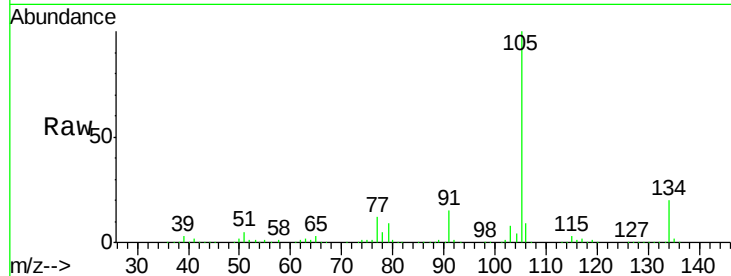




#85
 sec-Butylbenzene
 Concen: 52.370 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

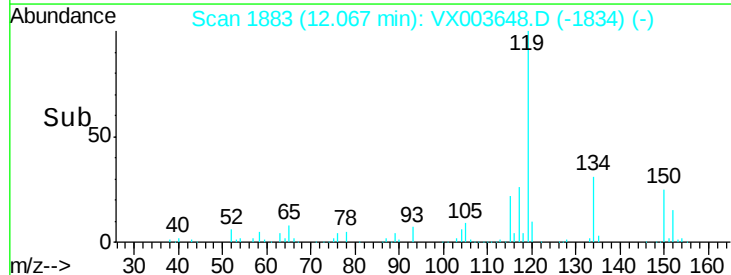
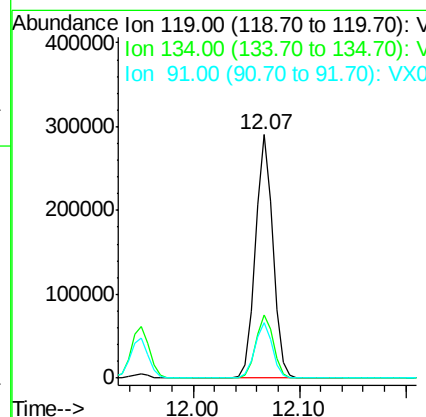
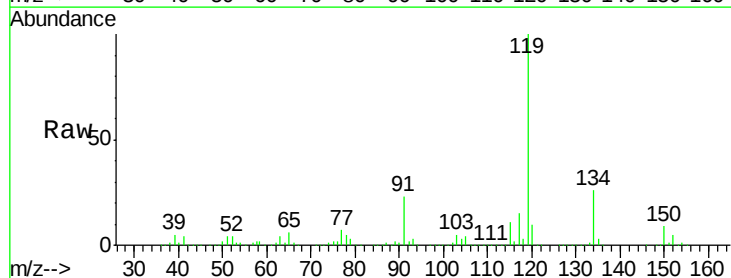
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

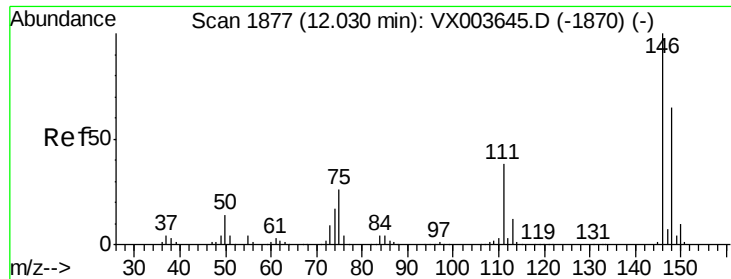
Tgt Ion:105 Resp: 370649
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.647 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion:119 Resp: 334437
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 22.8 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 50.081 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

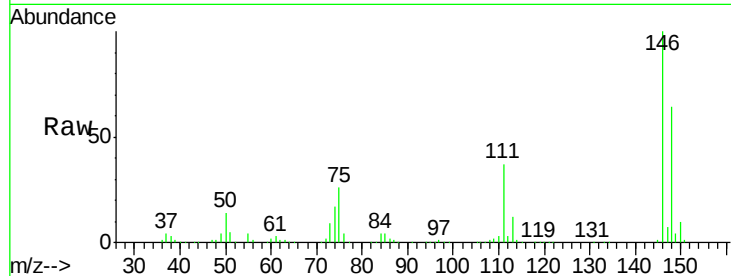
Tgt Ion:146 Resp: 181448

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.2

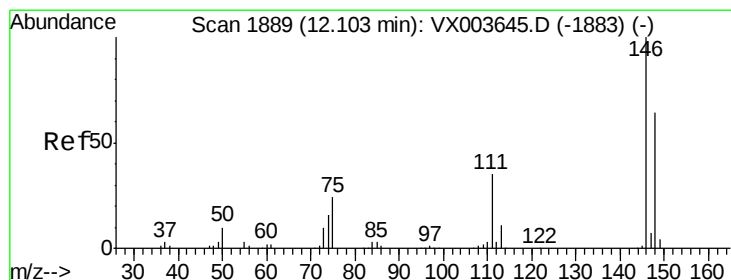
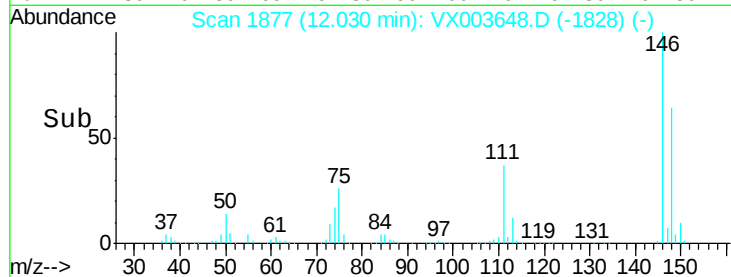
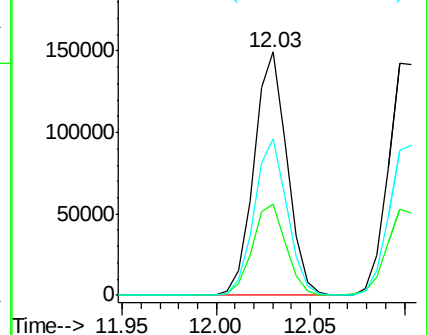
148 63.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.988 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

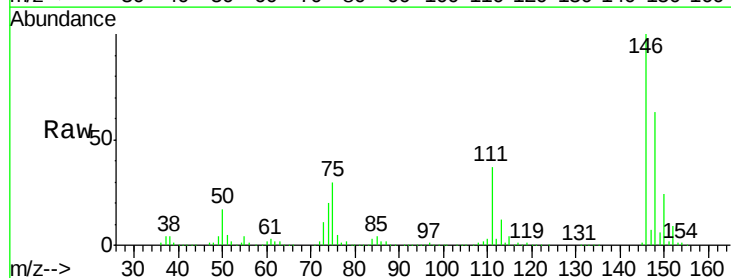
Tgt Ion:146 Resp: 184528

Ion Ratio Lower Upper

146 100

111 37.0 18.6 55.6

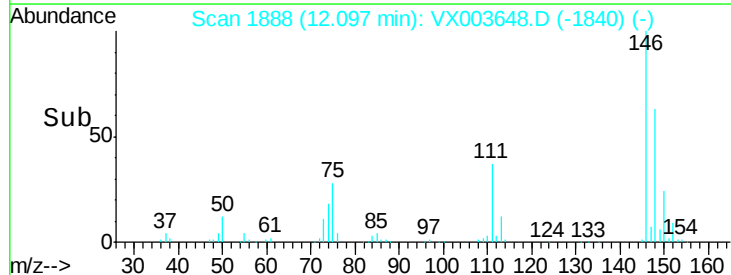
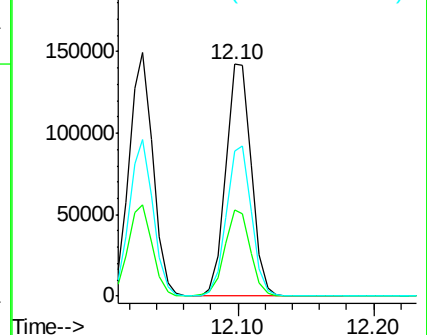
148 63.9 32.0 96.2

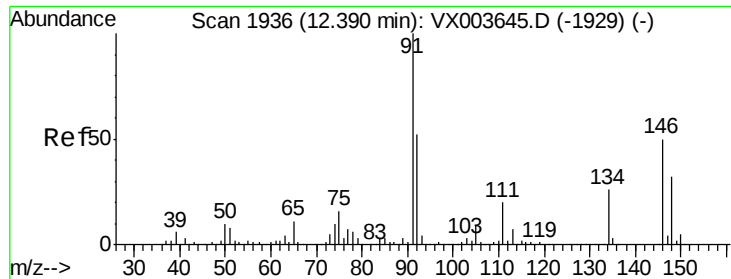


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

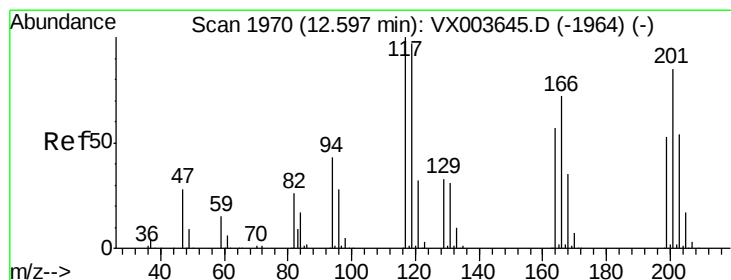
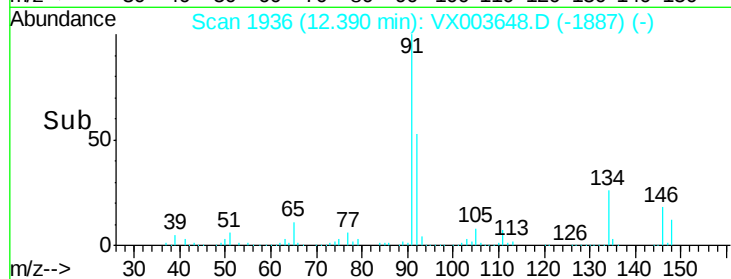
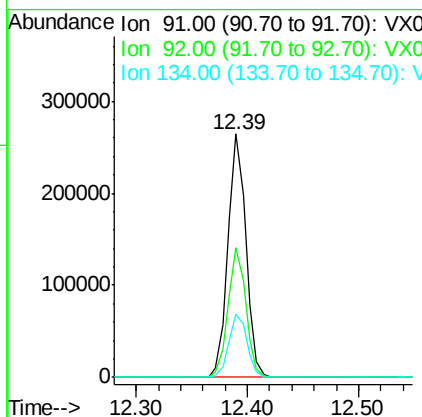
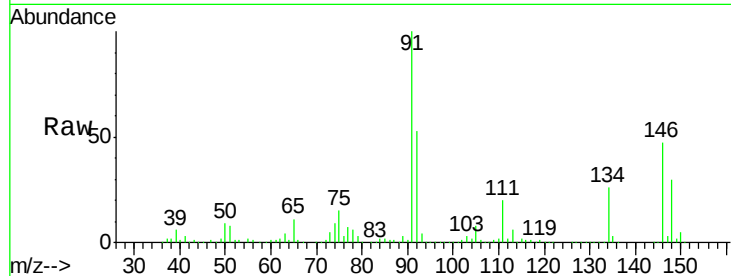




#89
n-Butylbenzene
Concen: 51.486 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

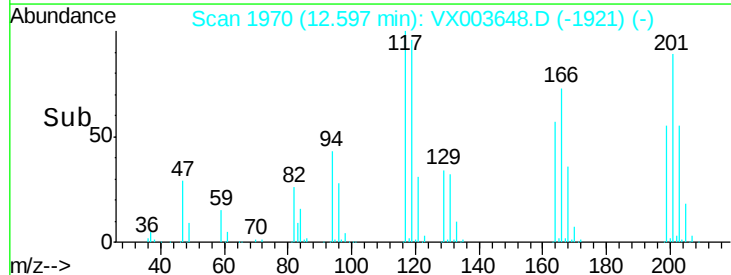
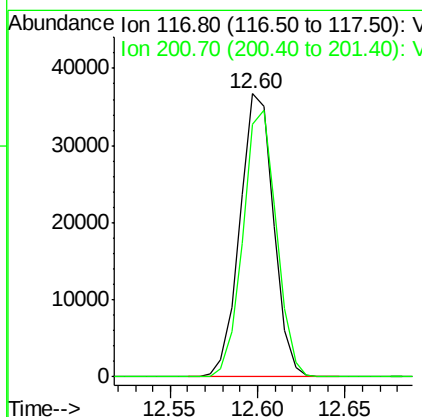
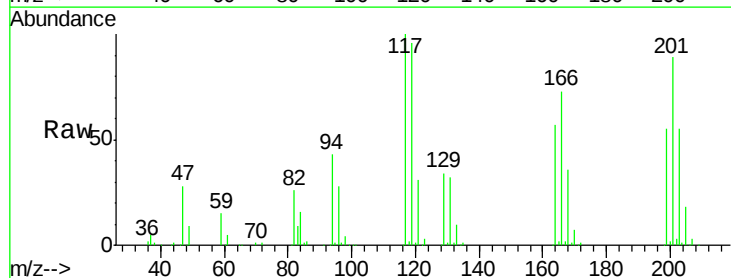
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

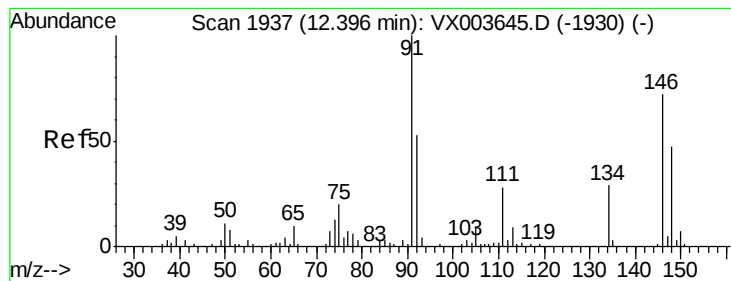
Tgt Ion: 91 Resp: 294786
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 26.4 13.3 39.8



#90
Hexachloroethane
Concen: 50.913 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion: 117 Resp: 48980
Ion Ratio Lower Upper
117 100
201 93.3 46.2 138.5





#91

1,2-Dichlorobenzene

Concen: 49.503 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

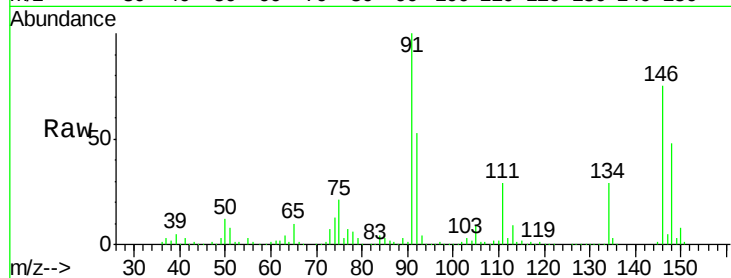
Tgt Ion:146 Resp: 183243

Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.4

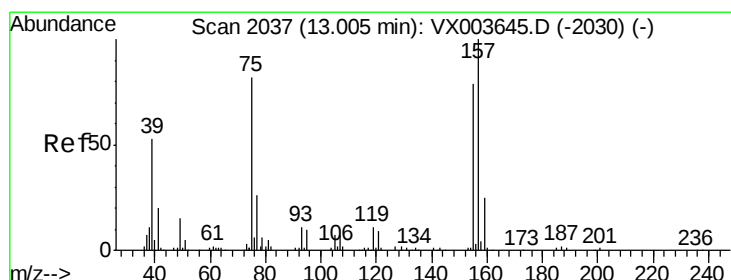
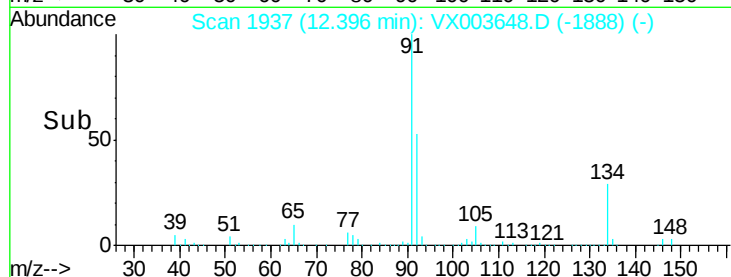
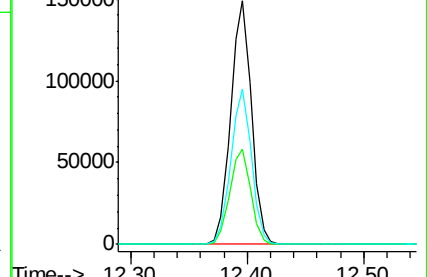
148 63.6 32.2 96.6



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: 50.355 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

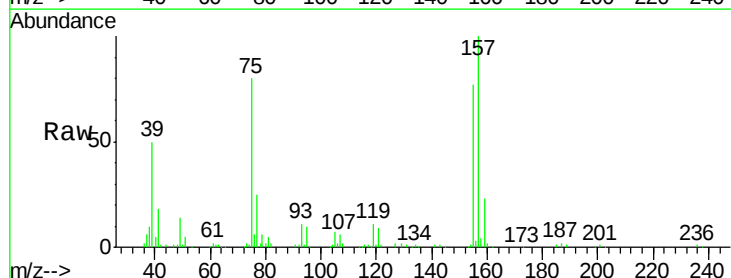
Tgt Ion: 75 Resp: 27726

Ion Ratio Lower Upper

75 100

155 91.4 46.1 138.3

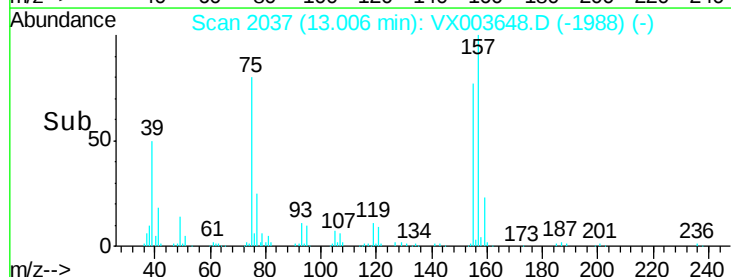
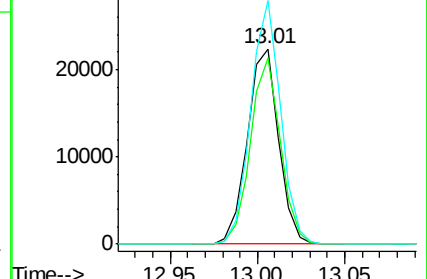
157 119.3 59.7 179.0

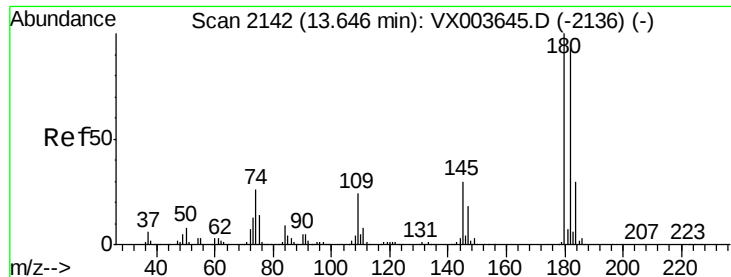


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

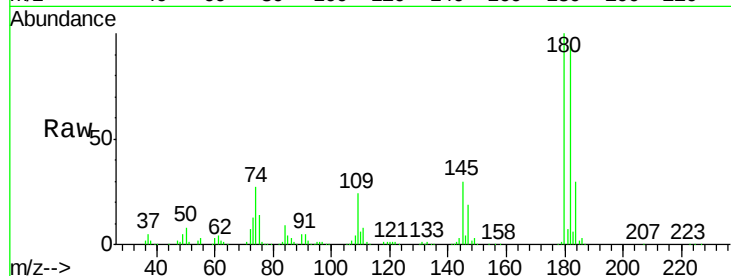




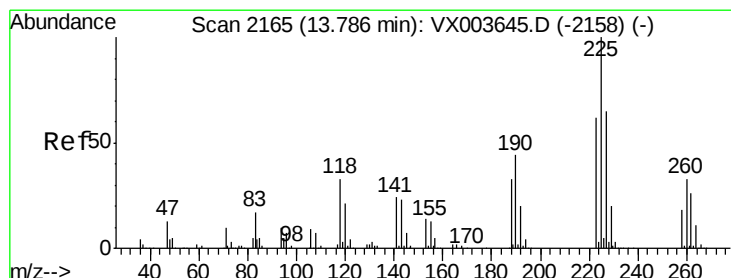
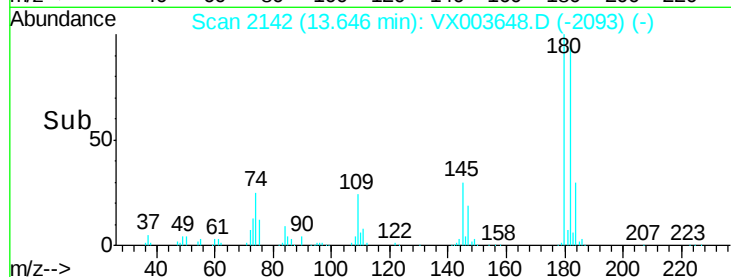
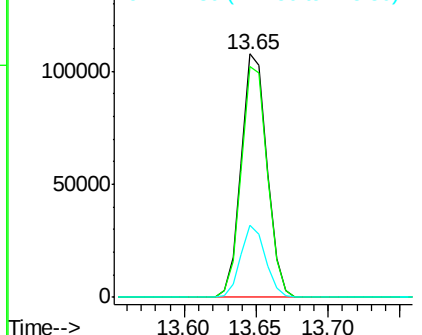
#93
 1,2,4-Trichlorobenzene
 Concen: 50.688 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

Tgt Ion:180 Resp: 133884
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.8
 145 28.6 14.4 43.2

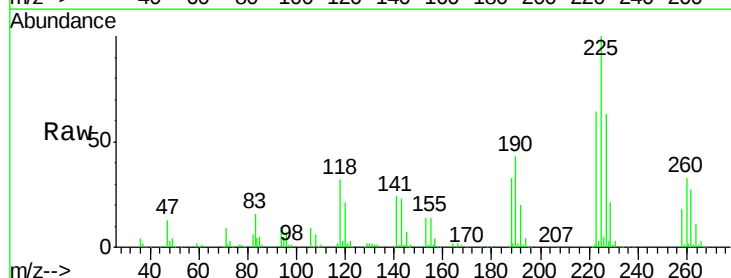


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

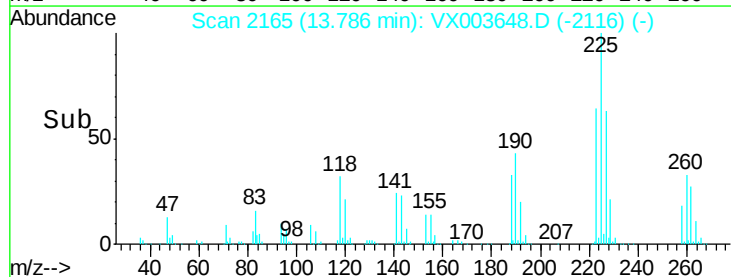
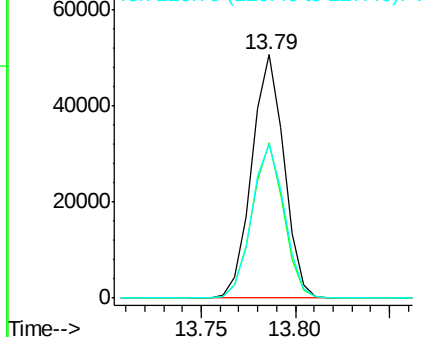


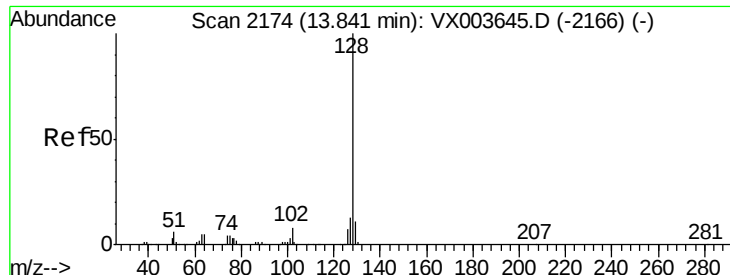
#94
 Hexachlorobutadiene
 Concen: 49.165 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion:225 Resp: 60080
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.5
 227 63.9 31.9 95.7



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

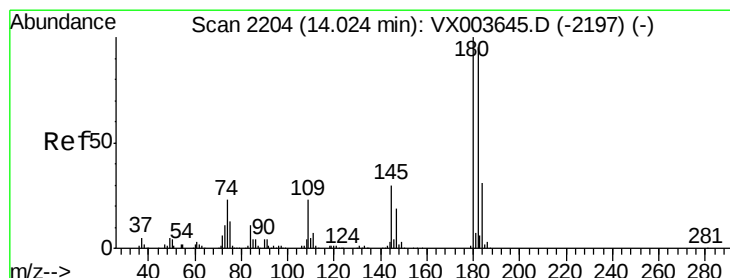
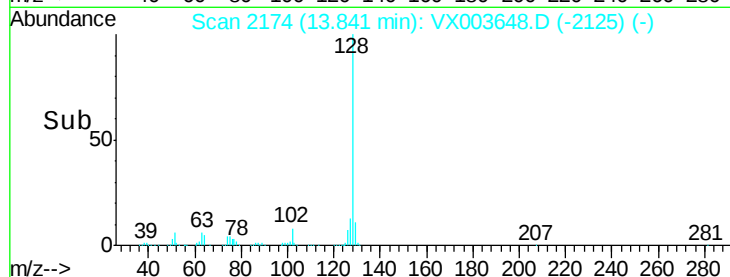
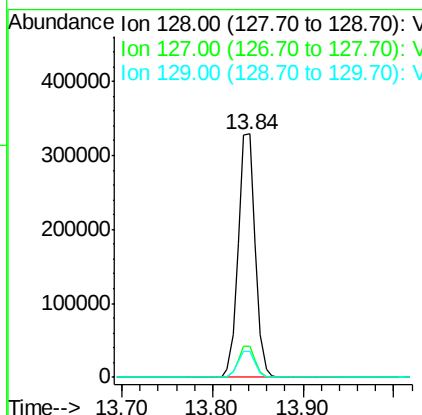
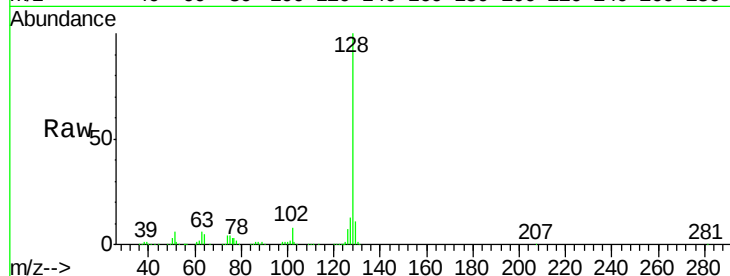




#95
Naphthalene
Concen: 53.180 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tgt Ion:128 Resp: 424846
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.032 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion:180 Resp: 136919
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.8
145 30.3 15.0 45.1

