

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000436.D
 Acq On : 26 Mar 2018 13:05
 Operator : JC/MD
 Sample : VX0326WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 05:50:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	135272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	214548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	219299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124464	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	85562	48.46	ug/l	0.00
Spiked Amount						
			Recovery	=	96.92%	
35) Dibromofluoromethane	5.51	113	67461	49.90	ug/l	0.00
Spiked Amount						
			Recovery	=	99.80%	
50) Toluene-d8	8.72	98	273733	48.89	ug/l	0.00
Spiked Amount						
			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.15	95	102680	44.21	ug/l	0.00
Spiked Amount						
			Recovery	=	88.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	27544	18.476	ug/l	99
3) Chloromethane	1.32	50	24998	15.916	ug/l	95
4) Vinyl Chloride	1.40	62	33579	20.234	ug/l	95
5) Bromomethane	1.64	94	19404	9.804	ug/l	100
6) Chloroethane	1.73	64	21088	22.322	ug/l	90
7) Trichlorofluoromethane	1.93	101	60503	20.199	ug/l	98
8) Diethyl Ether	2.19	74	20778	19.411	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35465	21.233	ug/l	98
10) Methyl Iodide	2.51	142	10474	10.064	ug/l	97
11) Tert butyl alcohol	3.06	59	75470	124.254	ug/l	97
12) 1,1-Dichloroethene	2.38	96	29058	19.818	ug/l	99
13) Acrolein	2.29	56	15518	89.930	ug/l	99
14) Allyl chloride	2.73	41	56403	21.723	ug/l	97
15) Acrylonitrile	3.15	53	135626	110.249	ug/l	99
16) Acetone	2.44	43	176701	120.294	ug/l	98
17) Carbon Disulfide	2.57	76	75612	19.395	ug/l	98
18) Methyl Acetate	2.78	43	71355	23.171	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	110191	20.320	ug/l	98
20) Methylene Chloride	2.86	84	35002	20.631	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32972	20.159	ug/l	89
22) Diisopropyl ether	3.87	45	106301	23.192	ug/l	95
23) Vinyl Acetate	3.82	43	504724	116.158	ug/l	98
24) 1,1-Dichloroethane	3.70	63	61871	21.470	ug/l	99
25) 2-Butanone	4.71	43	189720	114.907	ug/l	98
26) 2,2-Dichloropropane	4.59	77	42882	21.231	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	31165	20.387	ug/l	99
28) Bromochloromethane	5.03	49	23704	19.947	ug/l	97
29) Tetrahydrofuran	5.17	42	111511	109.771	ug/l	99
30) Chloroform	5.22	83	56436	20.896	ug/l	94
31) Cyclohexane	5.59	56	43913	19.712	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	49876	20.471	ug/l	98
36) 1,1-Dichloropropene	5.81	75	41094	20.448	ug/l	99
37) Ethyl Acetate	4.87	43	58622	21.355	ug/l	100
38) Carbon Tetrachloride	5.79	117	40899	19.399	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51030	20.879	ug/l	97
40) Benzene	6.15	78	120398	20.630	ug/l	99
41) Methacrylonitrile	5.06	41	30539	21.101	ug/l	98
42) 1,2-Dichloroethane	6.21	62	47539	20.761	ug/l	97
43) Isopropyl Acetate	6.47	43	86973	21.284	ug/l	99
44) Trichloroethene	7.22	130	35392	21.168	ug/l	99
45) 1,2-Dichloropropane	7.53	63	31899	21.353	ug/l	95
46) Dibromomethane	7.67	93	24122	20.572	ug/l	95
47) Bromodichloromethane	7.90	83	45279	21.947	ug/l	97
48) Methyl methacrylate	7.78	41	43789	22.073	ug/l	95
49) 1,4-Dioxane	7.76	88	19255	461.747	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	360980	114.127	ug/l	98
52) Toluene	8.79	92	85166	20.874	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	51854	21.690	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	50440	21.751	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	36084	21.506	ug/l	94
56) Ethyl methacrylate	9.19	69	52067	20.479	ug/l	98
57) 1,3-Dichloropropane	9.38	76	58113	21.655	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	119467	97.904	ug/l	99
59) 2-Hexanone	9.51	43	312410	116.323	ug/l	98
60) Dibromochloromethane	9.59	129	37468	21.433	ug/l	100
61) 1,2-Dibromoethane	9.68	107	38507	21.401	ug/l	100
64) Tetrachloroethene	9.34	164	35744	21.004	ug/l	98
65) Chlorobenzene	10.15	112	100296	20.551	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	35022	21.130	ug/l	99
67) Ethyl Benzene	10.26	91	175483	21.211	ug/l	99
68) m/p-Xylenes	10.37	106	134582	41.340	ug/l	96
69) o-Xylene	10.71	106	64229	20.377	ug/l	99
70) Styrene	10.72	104	104793	20.092	ug/l	99
71) Bromoform	10.87	173	28819	19.864	ug/l #	98
73) Isopropylbenzene	11.02	105	176075	21.351	ug/l	98
74) N-amyl acetate	6.47	43	86973	22.376	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	65120	22.326	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	76592	28.634	ug/l	84
77) Bromobenzene	11.26	156	44412	20.216	ug/l	99
78) n-propylbenzene	11.37	91	211467	21.506	ug/l	100
79) 2-Chlorotoluene	11.43	91	120645	21.238	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	148521	21.419	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	17242	20.869	ug/l	92
82) 4-Chlorotoluene	11.52	91	143508	21.158	ug/l	99
83) tert-Butylbenzene	11.78	119	153462	21.945	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	153583	21.126	ug/l	99
85) sec-Butylbenzene	11.95	105	188354	21.767	ug/l	99
86) p-Isopropyltoluene	12.07	119	165413	21.525	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	84869	20.432	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	87026	19.956	ug/l	97
89) n-Butylbenzene	12.40	91	155811	21.776	ug/l	99
90) Hexachloroethane	12.60	117	26017	21.509	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	86702	21.291	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18323	22.524	ug/l	97

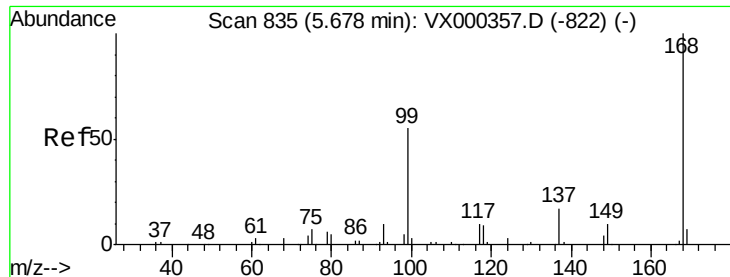
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61917	21.208	ug/l	99
94) Hexachlorobutadiene	13.79	225	28050	23.204	ug/l	99
95) Naphthalene	13.84	128	222149	21.844	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	63531	22.023	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

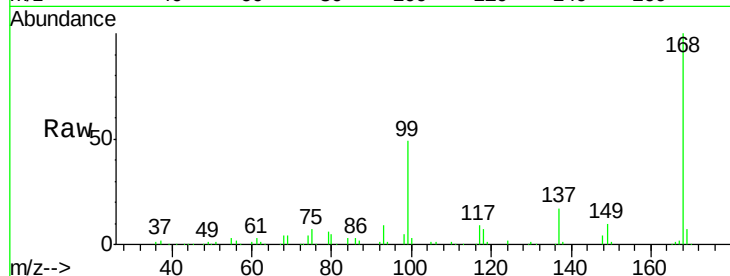
ClientSampled :

Tot Ion:168 Resp: 135272

Ion Ratio Lower Upper

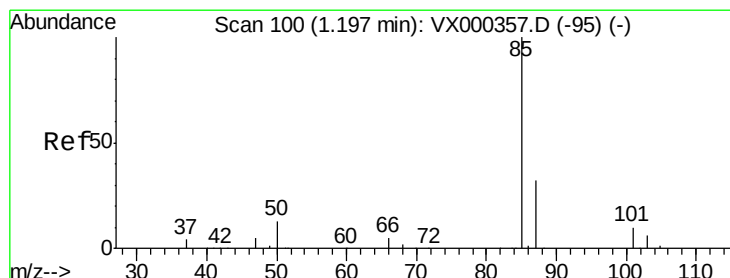
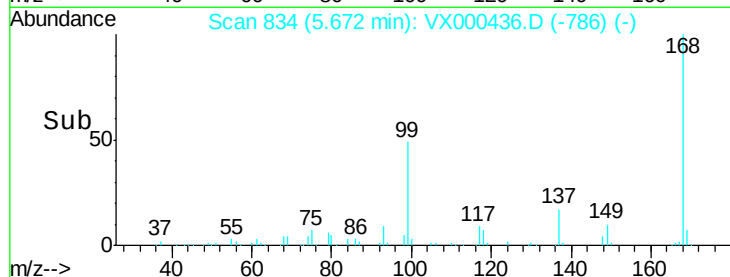
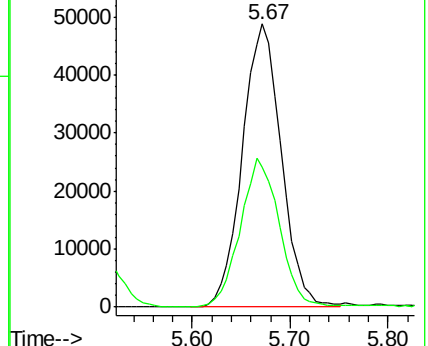
168 100

99 49.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.476 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000436.D

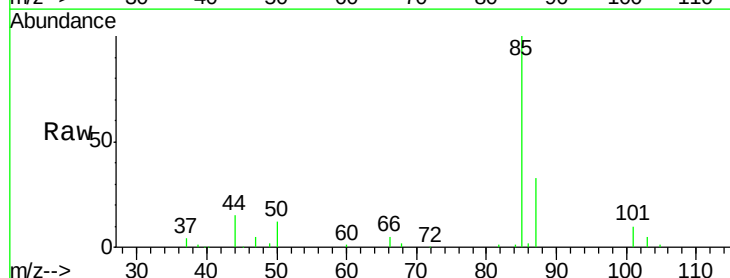
Acq: 26 Mar 2018 13:05

Tgt Ion: 85 Resp: 27544

Ion Ratio Lower Upper

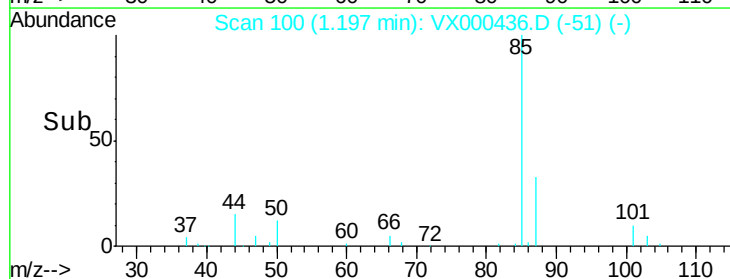
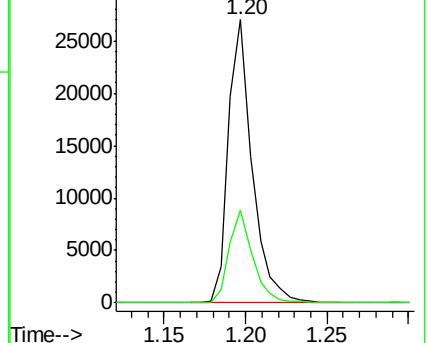
85 100

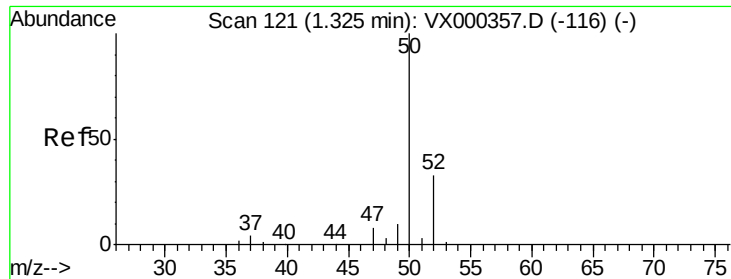
87 32.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.916 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

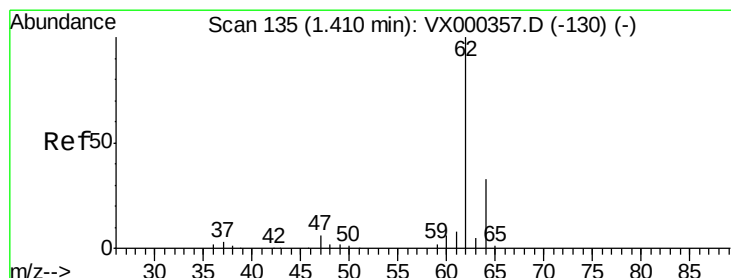
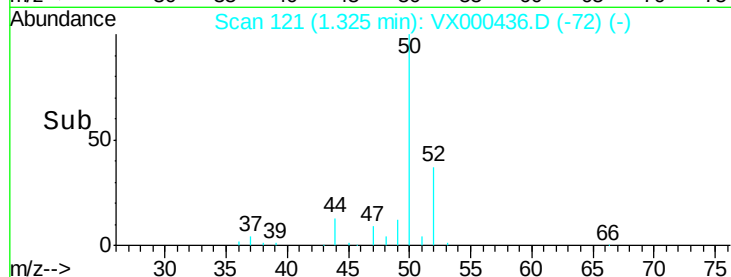
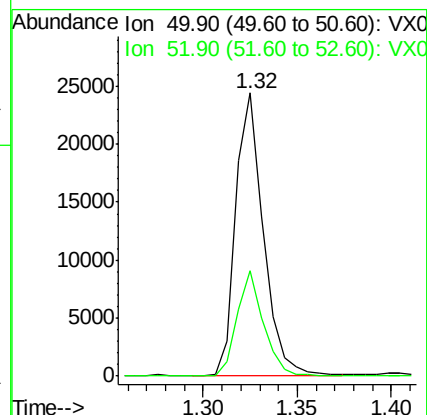
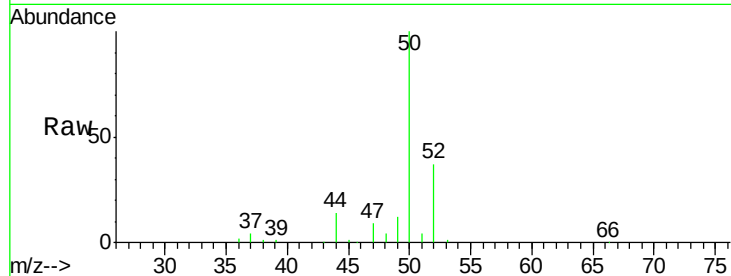
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 24998

Ion Ratio Lower Upper

50 100

52 37.2 27.5 41.3



#4

Vinyl Chloride

Concen: 20.234 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000436.D

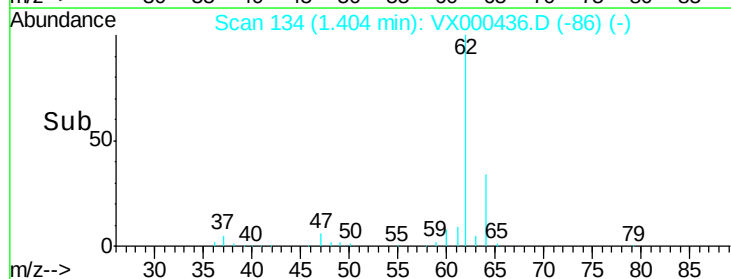
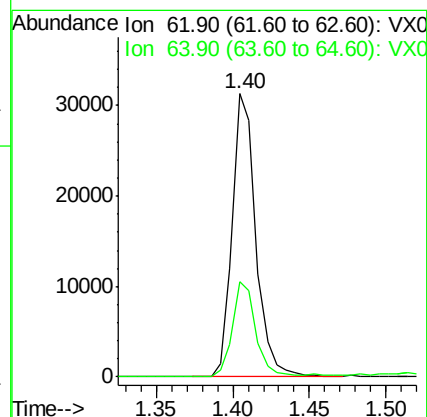
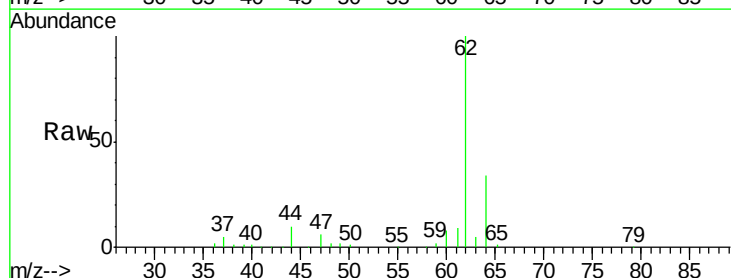
Acq: 26 Mar 2018 13:05

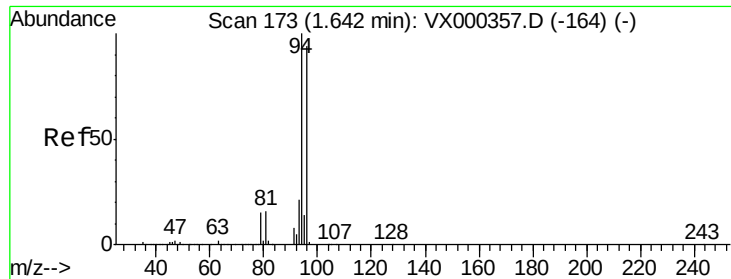
Tgt Ion: 62 Resp: 33579

Ion Ratio Lower Upper

62 100

64 33.8 24.8 37.2





#5

Bromomethane

Concen: 9.804 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

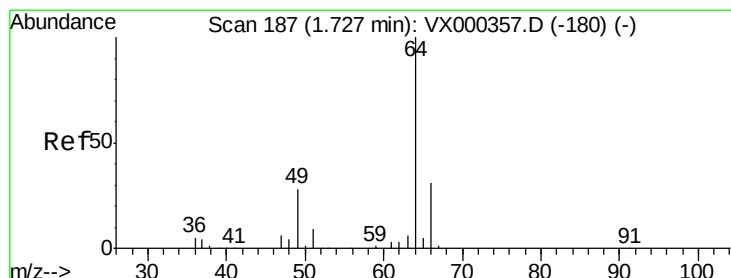
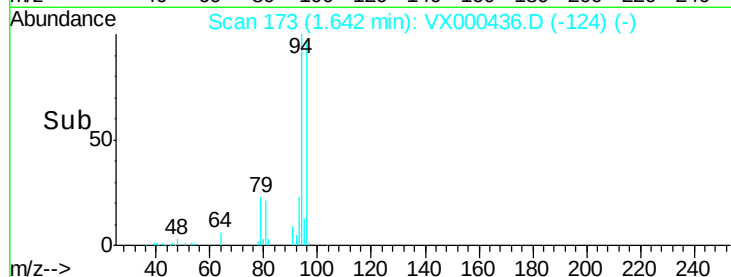
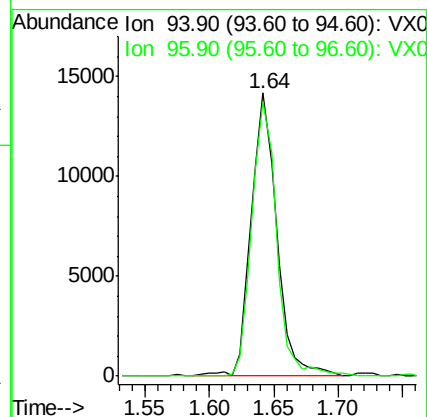
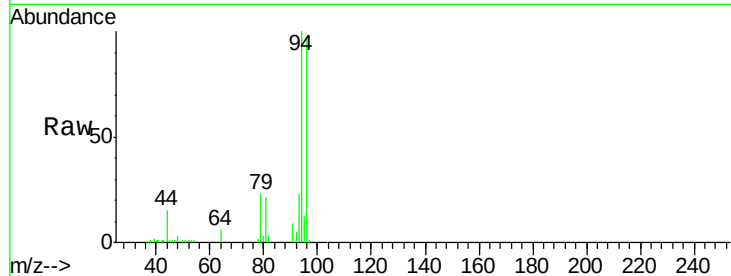
ClientSampleId :

Tot Ion: 94 Resp: 19404

Ion Ratio Lower Upper

94 100

96 96.9 77.7 116.5



#6

Chloroethane

Concen: 22.322 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000436.D

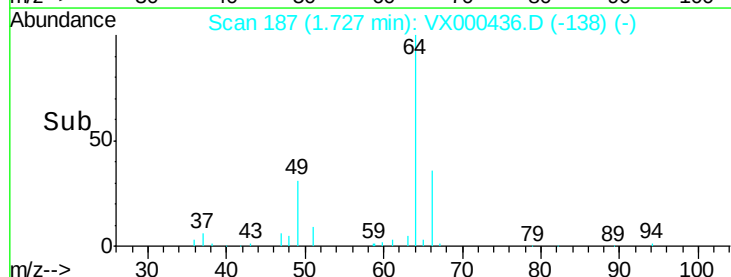
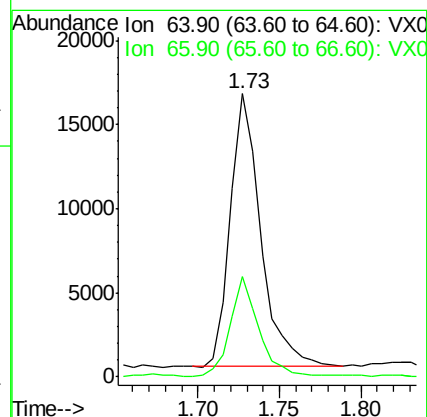
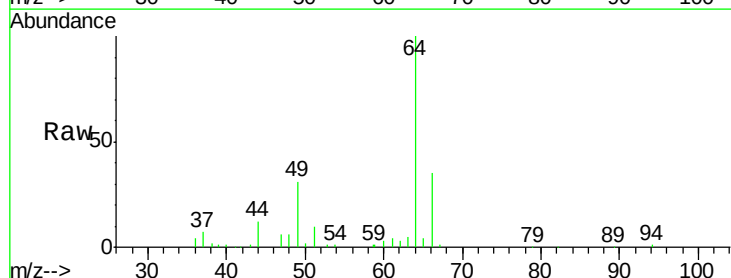
Acq: 26 Mar 2018 13:05

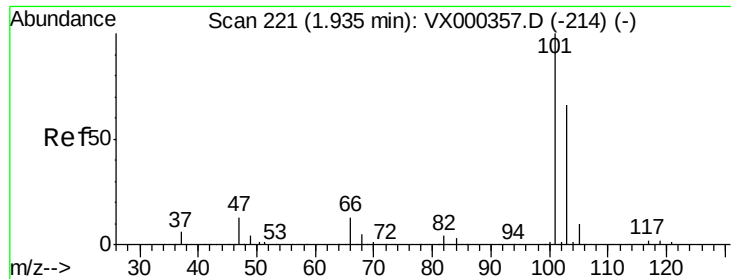
Tgt Ion: 64 Resp: 21088

Ion Ratio Lower Upper

64 100

66 36.6 24.8 37.2



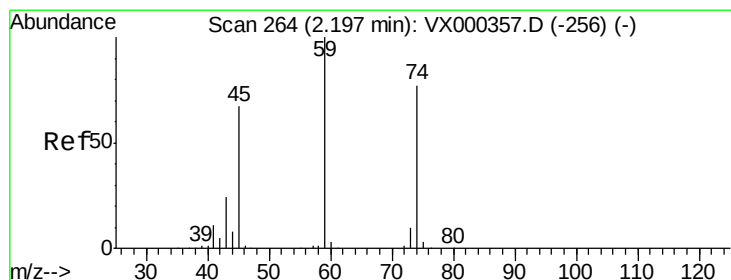
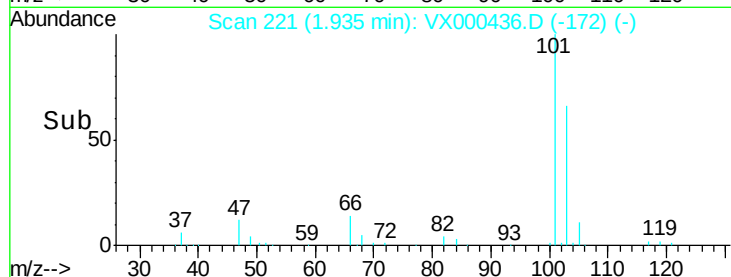
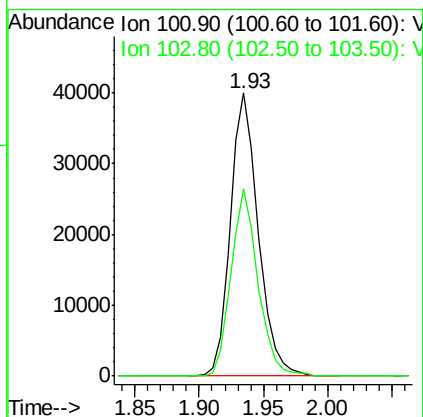
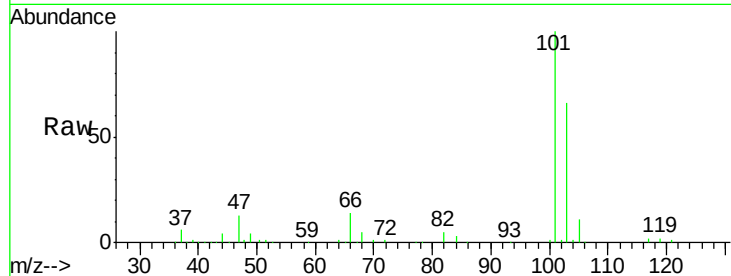


#7

Trichlorofluoromethane
Concen: 20.199 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :

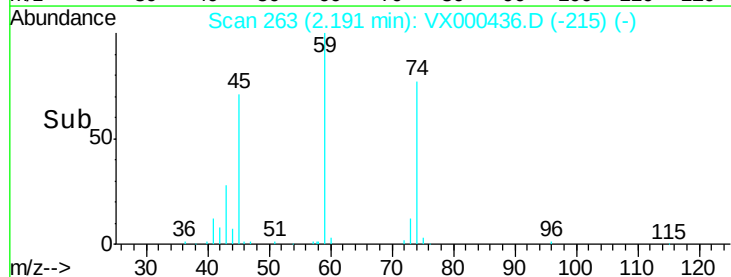
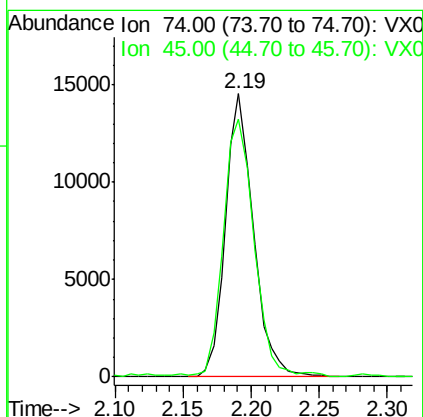
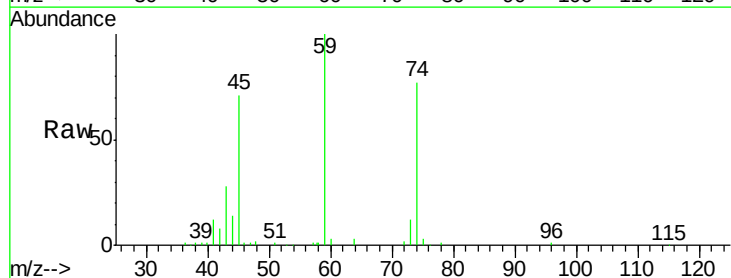
Tot Ion:101 Resp: 60503
Ion Ratio Lower Upper
101 100
103 66.4 51.6 77.4

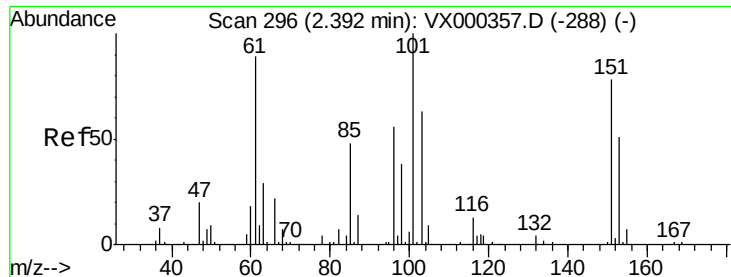


#8

Diethyl Ether
Concen: 19.411 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 74 Resp: 20778
Ion Ratio Lower Upper
74 100
45 101.1 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.233 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

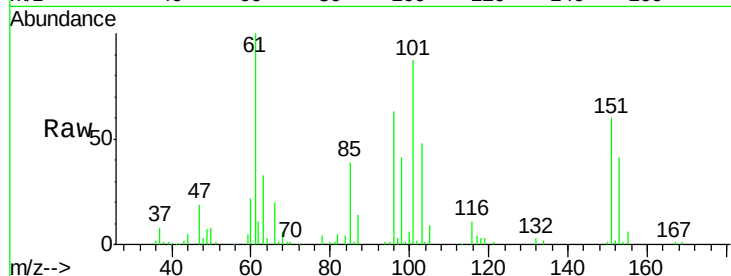
Tot Ion:101 Resp: 35465

Ion Ratio Lower Upper

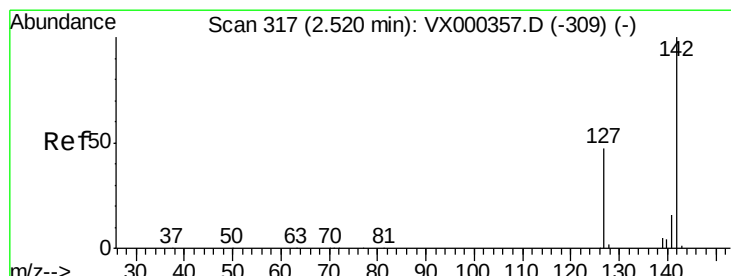
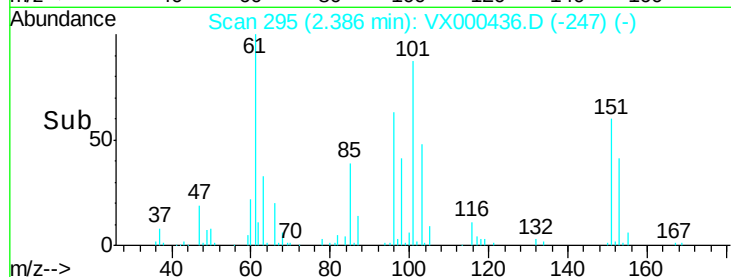
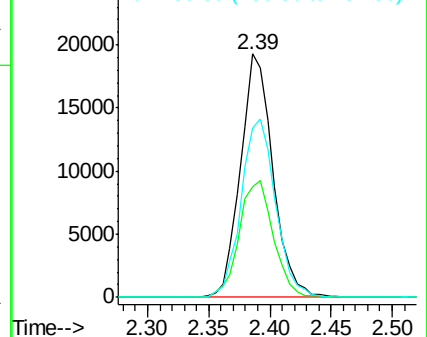
101 100

85 50.8 37.6 56.4

151 77.7 62.6 93.8



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: 10.064 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

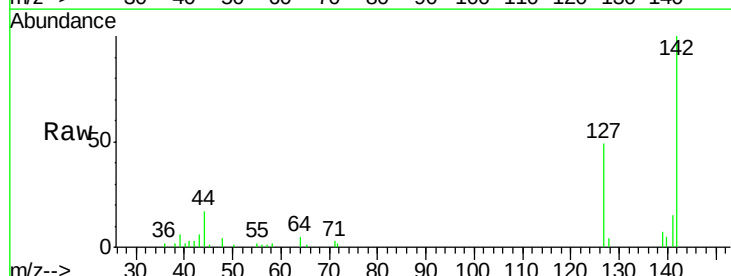
Tgt Ion:142 Resp: 10474

Ion Ratio Lower Upper

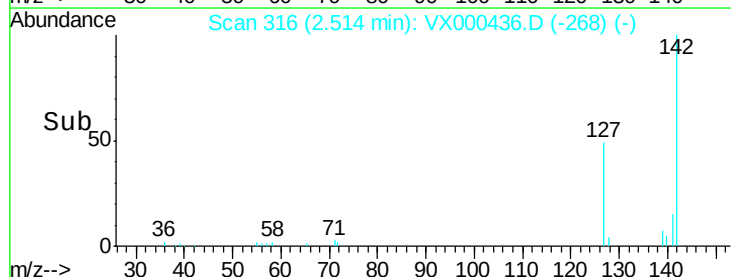
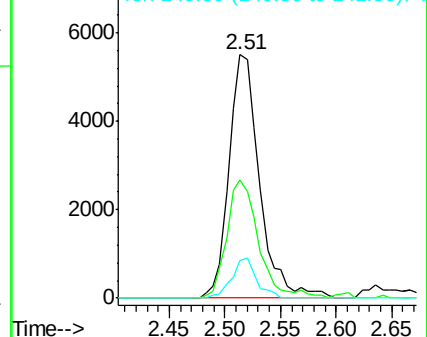
142 100

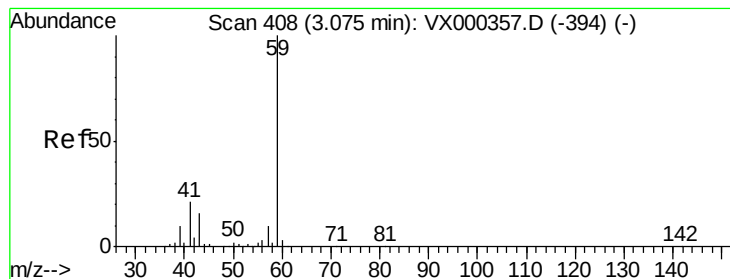
127 50.8 39.2 58.8

141 13.4 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



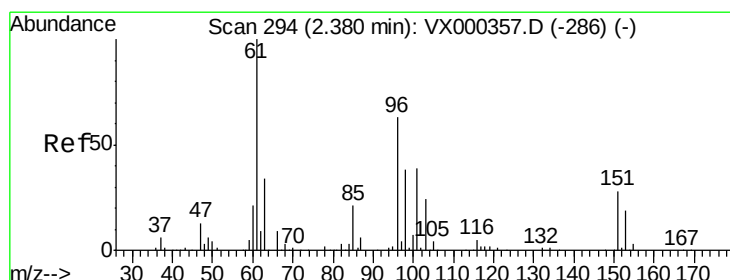
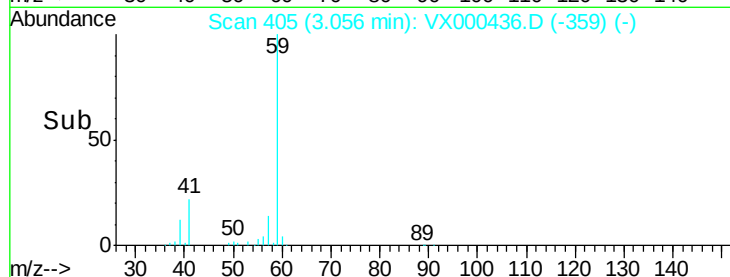
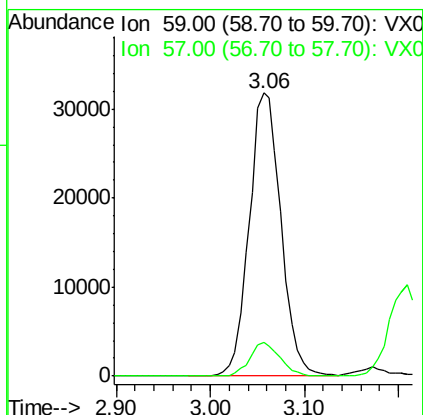
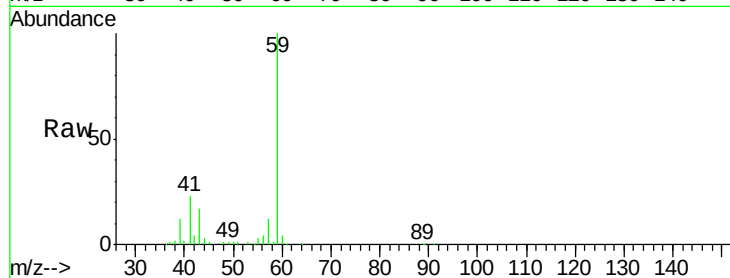


#11

Tert butyl alcohol
 Concen: 124.254 ug/l
 RT: 3.06 min Scan# 405
 Delta R.T. -0.02 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Instrument :
 MSVOA_X
 ClientSampled :

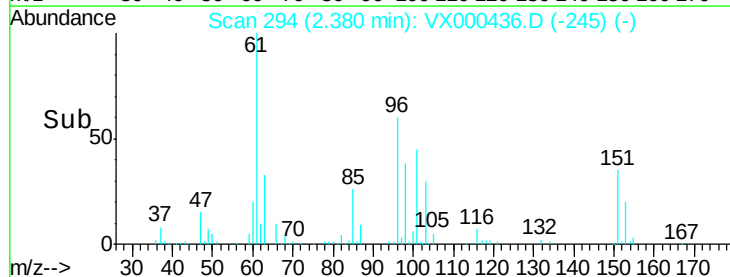
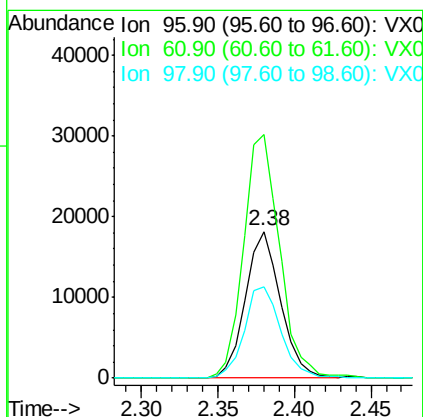
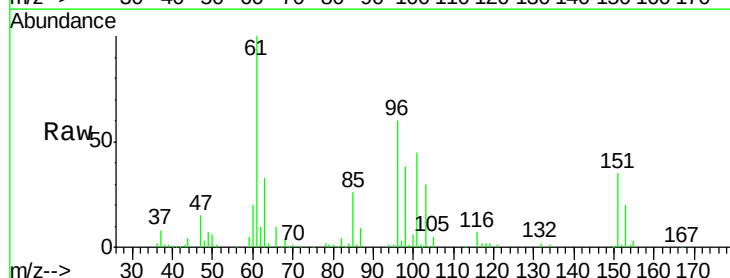
Tot Ion: 59 Resp: 75470
 Ion Ratio Lower Upper
 59 100
 57 11.5 8.4 12.6

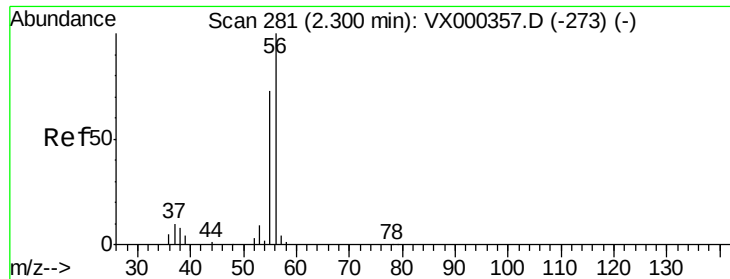


#12

1,1-Dichloroethene
 Concen: 19.818 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion: 96 Resp: 29058
 Ion Ratio Lower Upper
 96 100
 61 166.3 131.2 196.8
 98 62.6 49.8 74.8





#13

Acrolein

Concen: 89.930 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

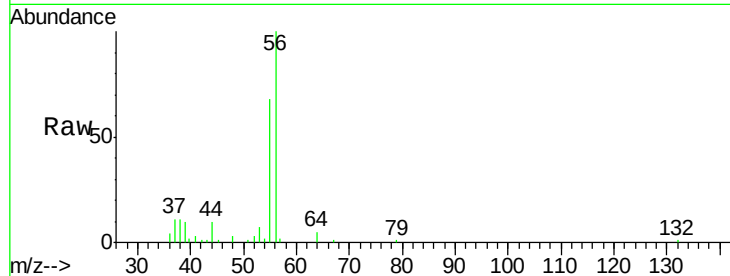
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 15518

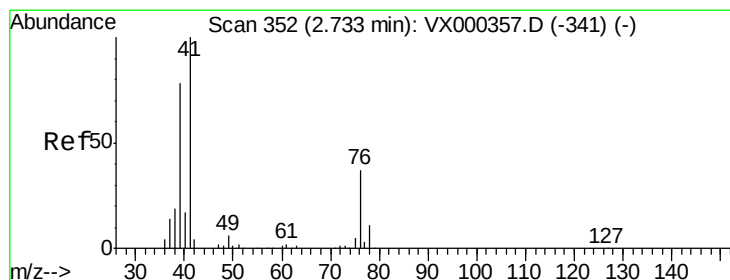
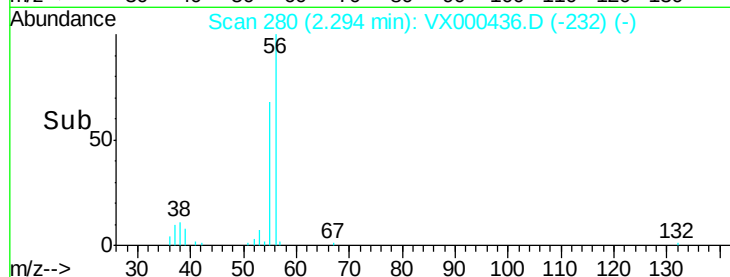
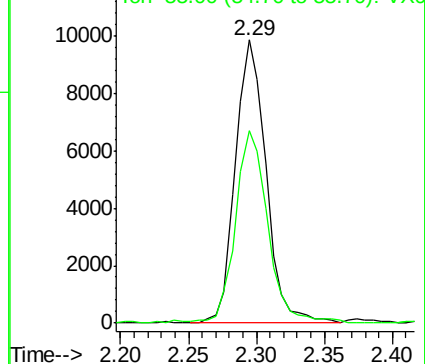
Ion Ratio Lower Upper

56 100

55 72.4 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.723 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

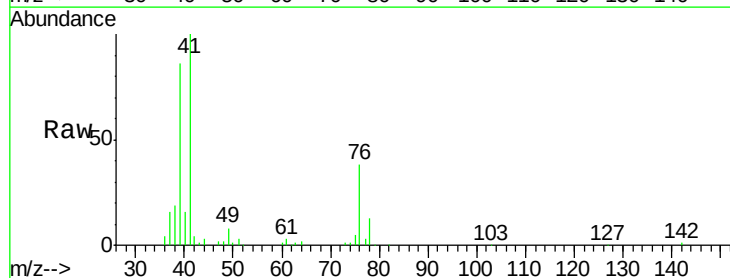
Tgt Ion: 41 Resp: 56403

Ion Ratio Lower Upper

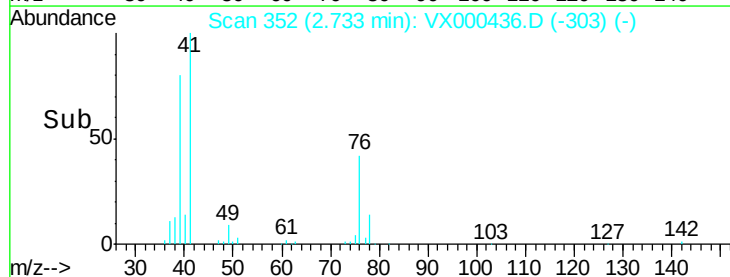
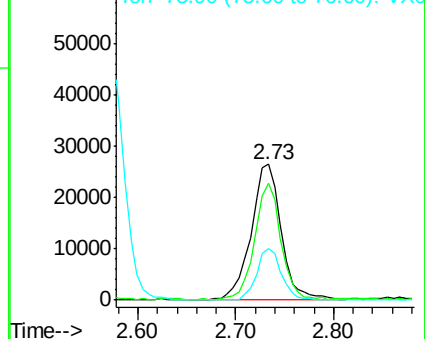
41 100

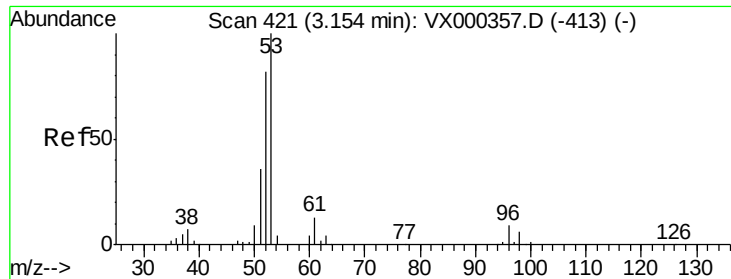
39 74.0 57.6 86.4

76 31.6 27.3 40.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 110.249 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

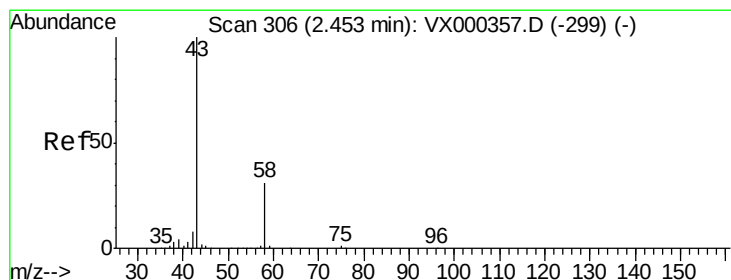
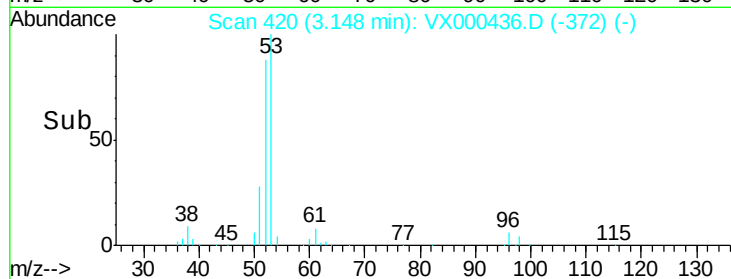
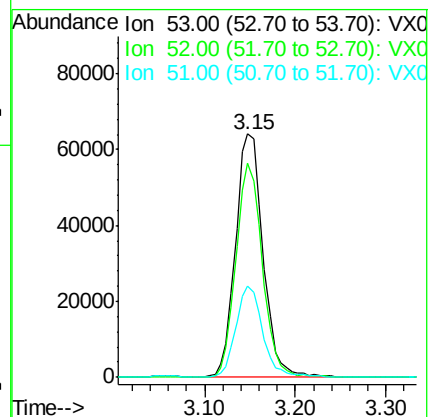
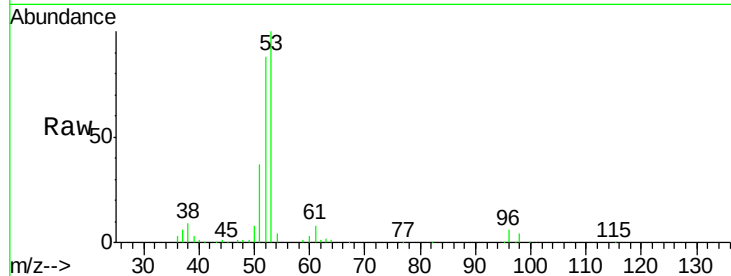
Tot Ion: 53 Resp: 135626

Ion Ratio Lower Upper

53 100

52 84.8 66.6 99.8

51 36.9 29.3 43.9



#16

Acetone

Concen: 120.294 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX000436.D

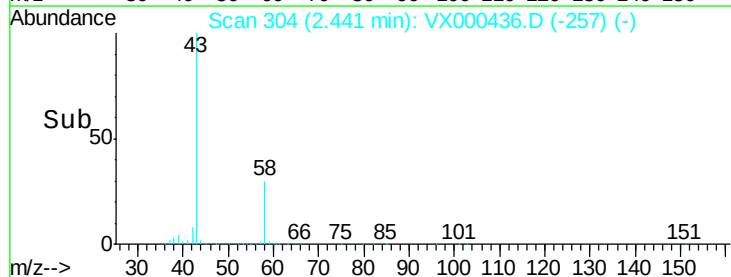
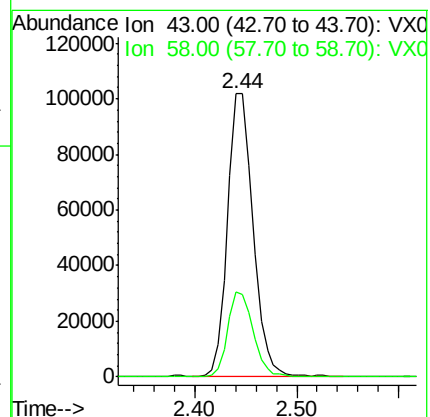
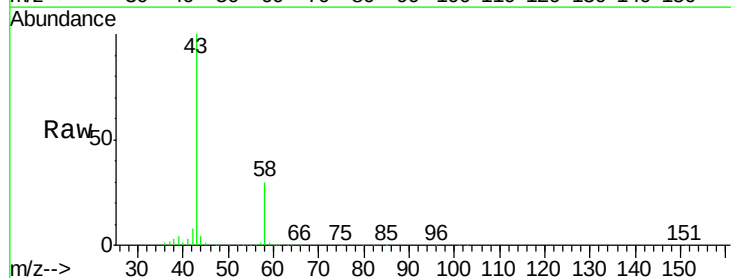
Acq: 26 Mar 2018 13:05

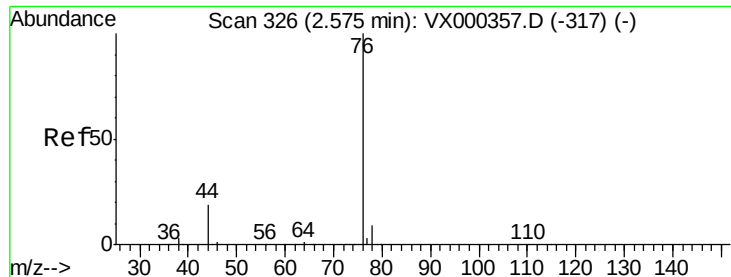
Tgt Ion: 43 Resp: 176701

Ion Ratio Lower Upper

43 100

58 30.0 24.7 37.1





#17

Carbon Disulfide

Concen: 19.395 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

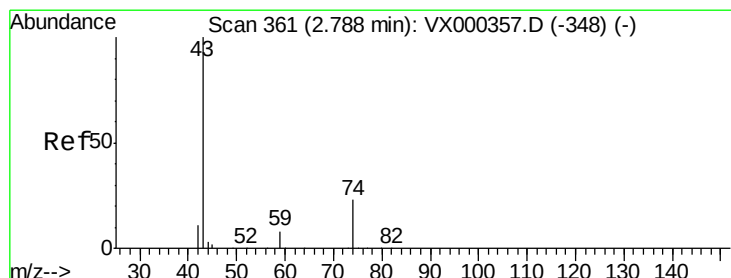
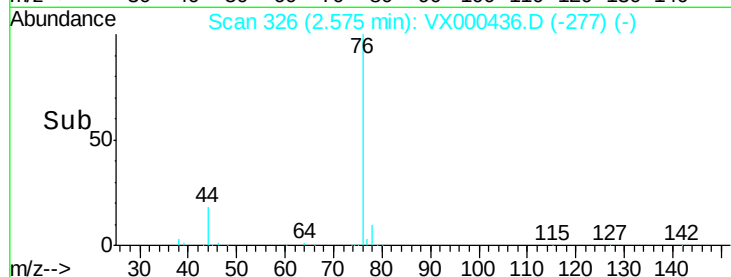
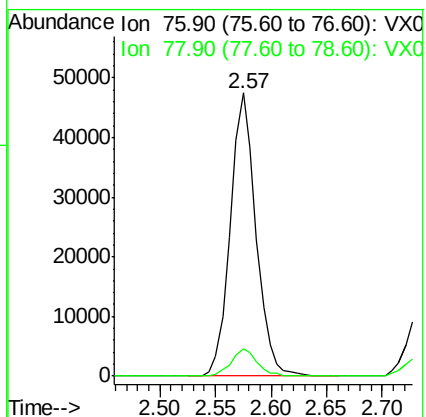
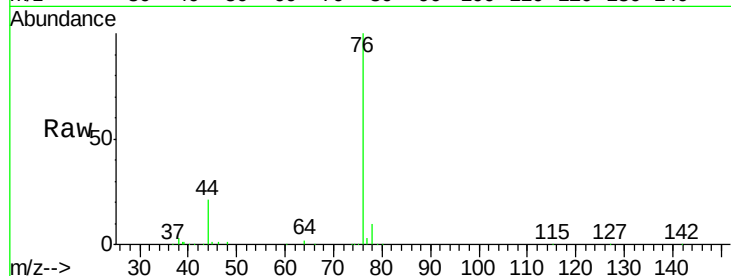
ClientSampled :

Tot Ion: 76 Resp: 75612

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6



#18

Methyl Acetate

Concen: 23.171 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX000436.D

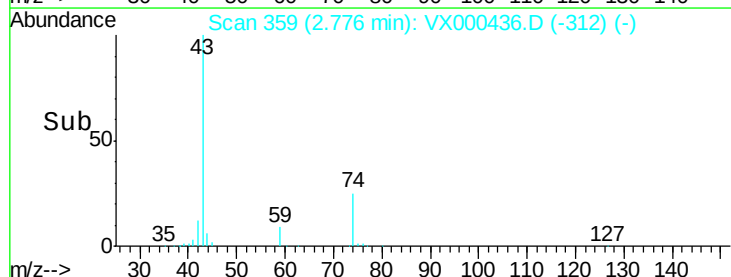
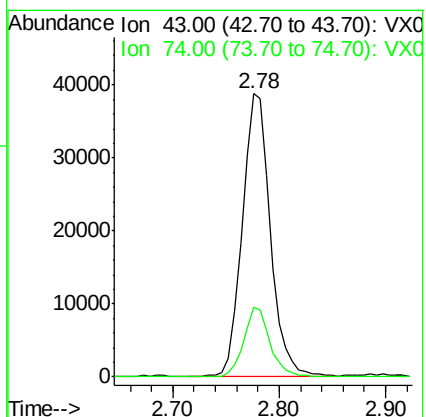
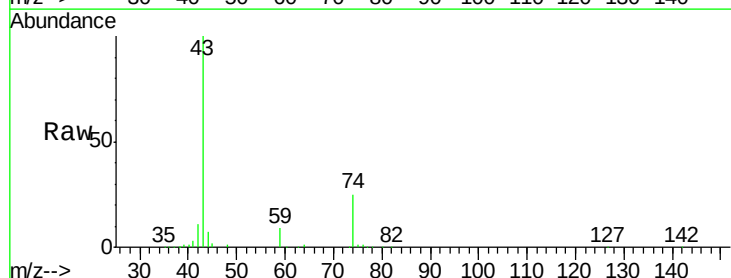
Acq: 26 Mar 2018 13:05

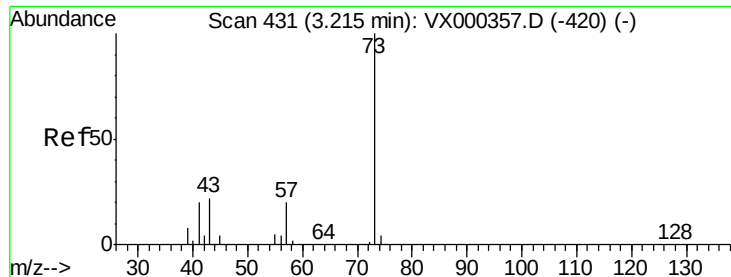
Tgt Ion: 43 Resp: 71355

Ion Ratio Lower Upper

43 100

74 23.4 19.4 29.2

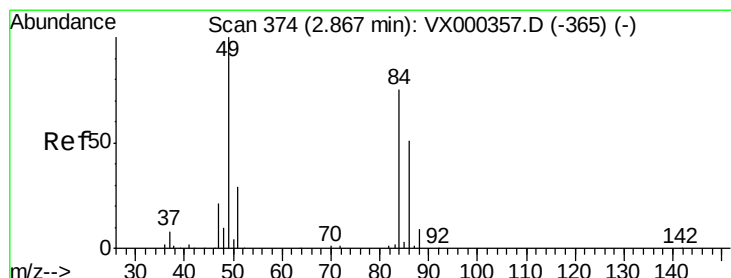
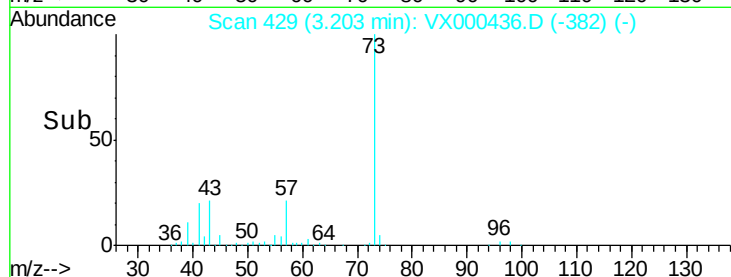
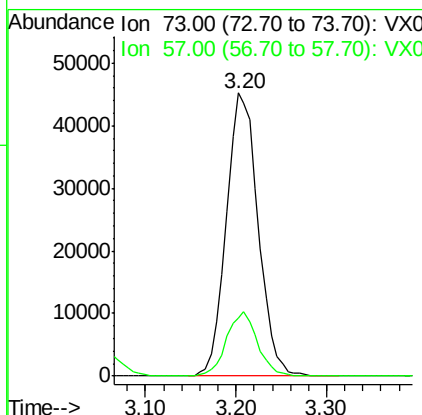
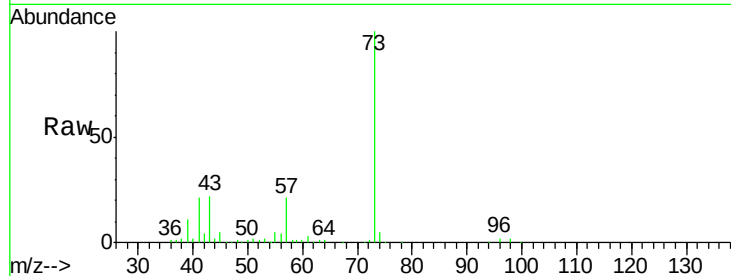




#19
Methyl tert-butyl Ether
Concen: 20.320 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

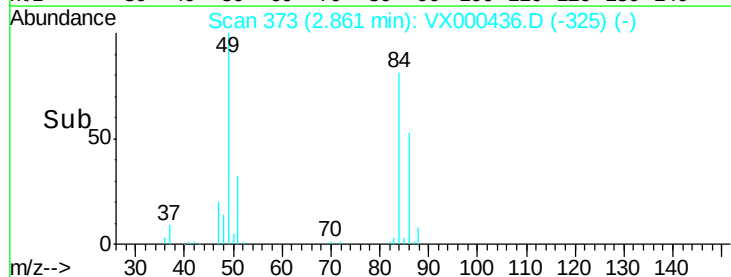
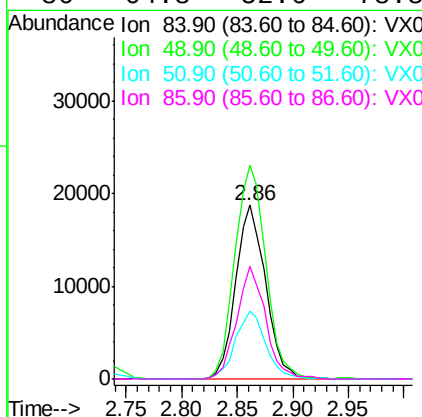
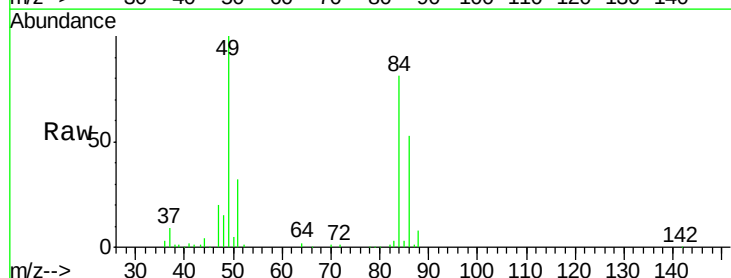
Instrument :
MSVOA_X
ClientSampled :

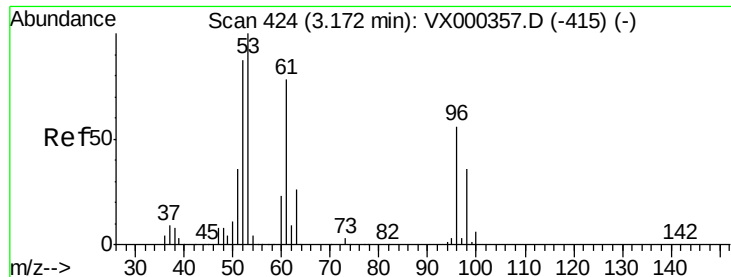
Tot Ion: 73 Resp: 110191
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8



#20
Methylene Chloride
Concen: 20.631 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 84 Resp: 35002
Ion Ratio Lower Upper
84 100
49 123.1 100.6 151.0
51 39.1 31.6 47.4
86 64.8 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.159 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

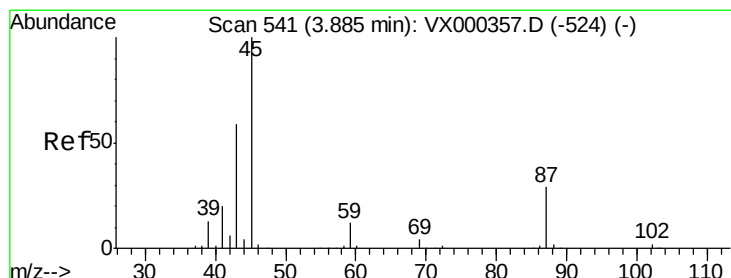
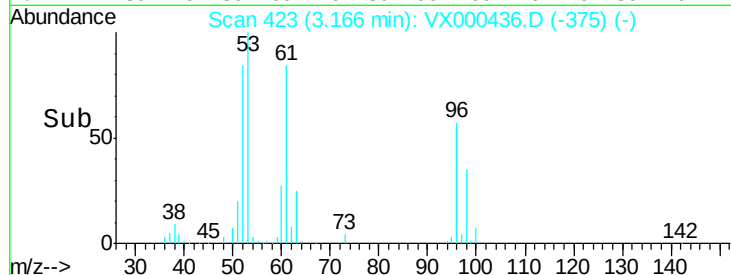
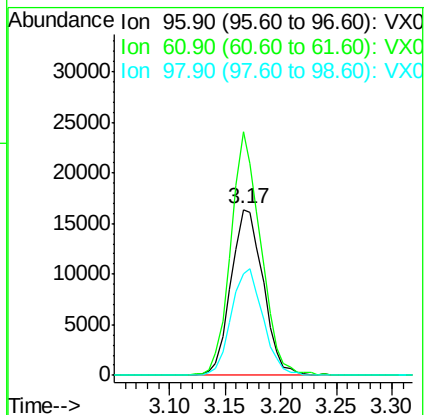
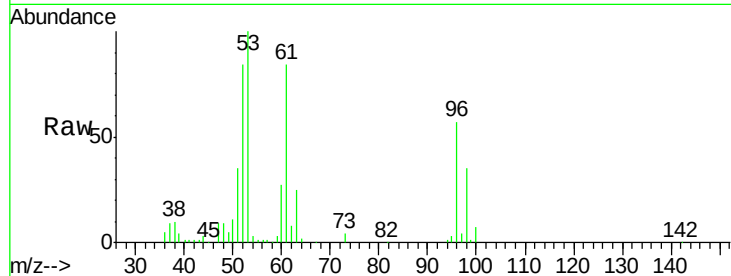
Tot Ion: 96 Resp: 32972

Ion Ratio Lower Upper

96 100

61 146.8 104.0 156.0

98 61.2 52.1 78.1



#22

Diisopropyl ether

Concen: 23.192 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Tgt Ion: 45 Resp: 106301

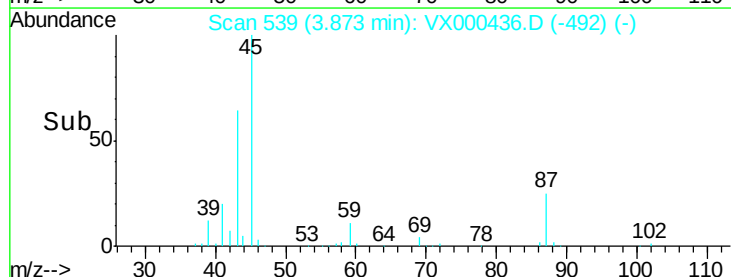
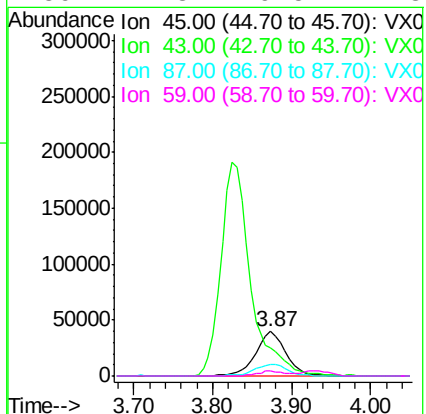
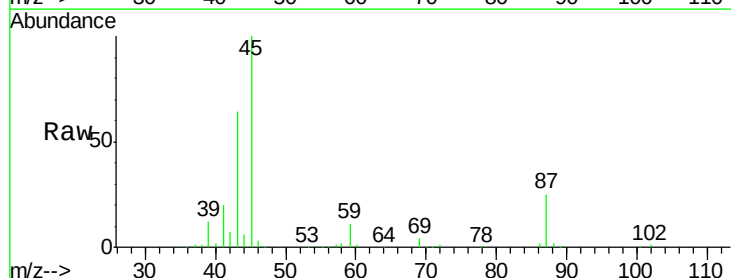
Ion Ratio Lower Upper

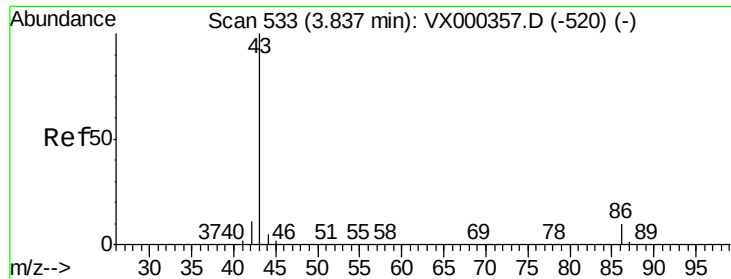
45 100

43 63.4 53.9 80.9

87 25.4 22.6 34.0

59 11.3 9.5 14.3





#23

Vinyl Acetate

Concen: 116.158 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

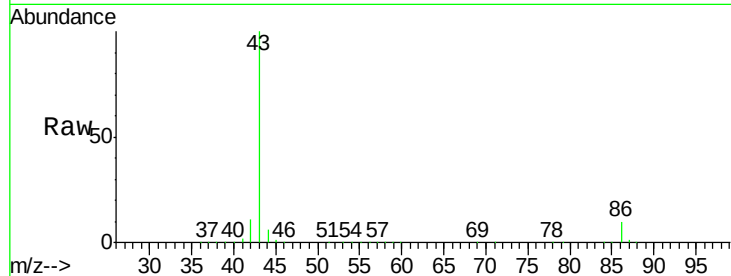
ClientSampled :

Tot Ion: 43 Resp: 504724

Ion Ratio Lower Upper

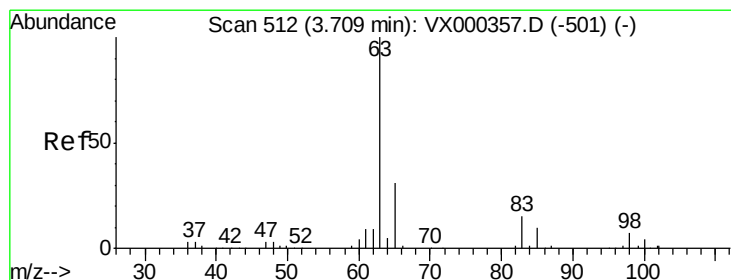
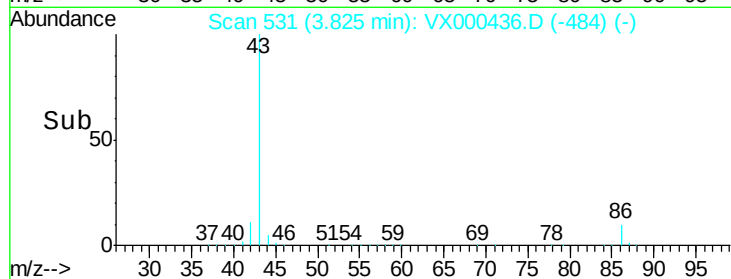
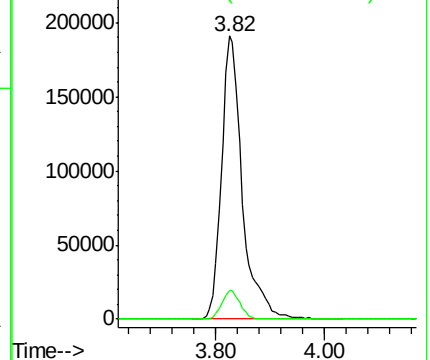
43 100

86 10.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.470 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

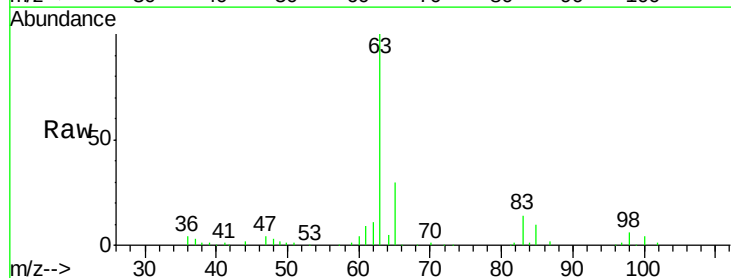
Tgt Ion: 63 Resp: 61871

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

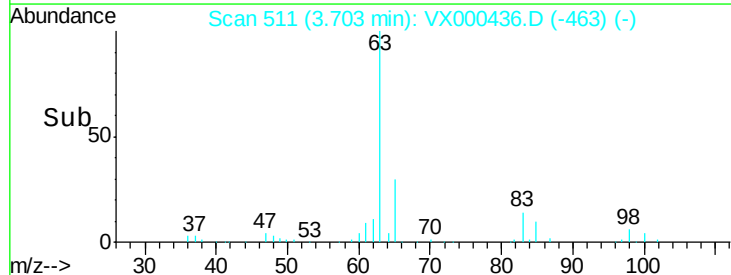
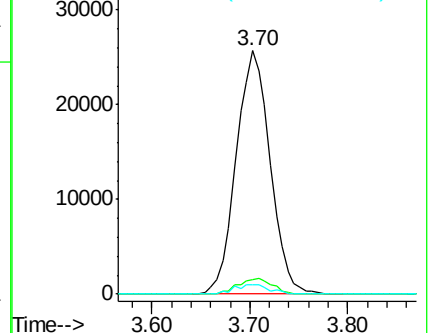
100 4.0 2.0 5.8

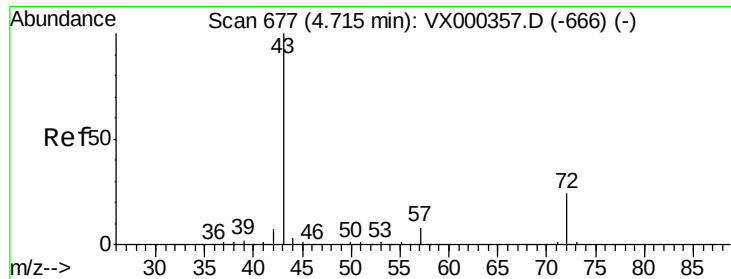


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 114.907 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

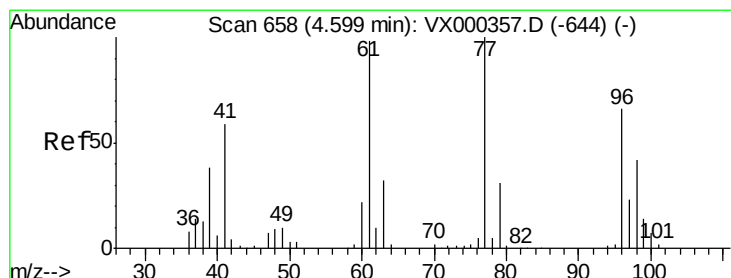
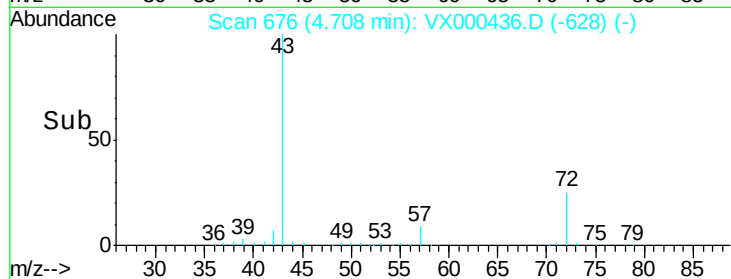
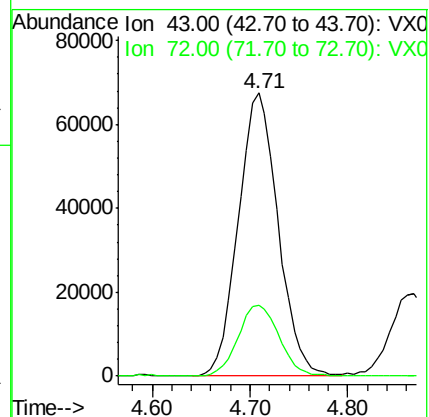
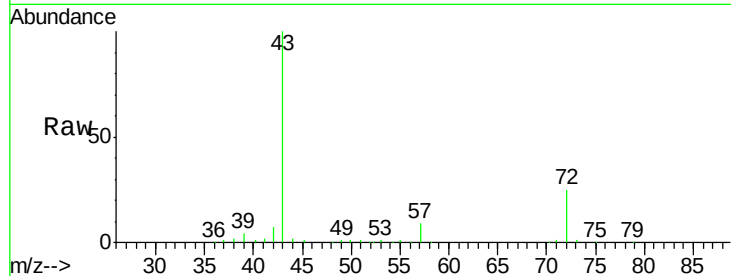
ClientSampled :

Tot Ion: 43 Resp: 189720

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.6



#26

2,2-Dichloropropane

Concen: 21.231 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000436.D

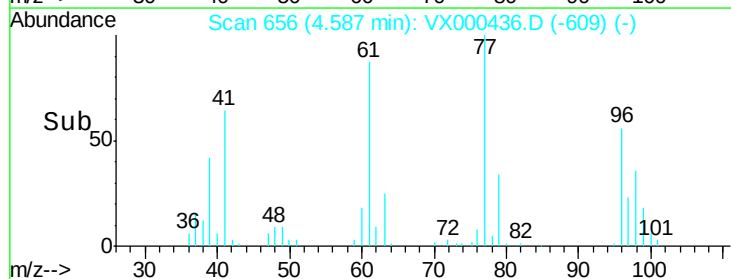
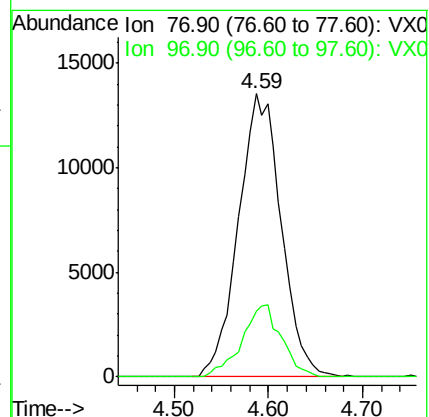
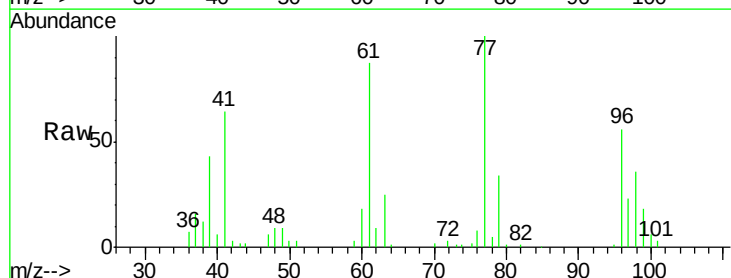
Acq: 26 Mar 2018 13:05

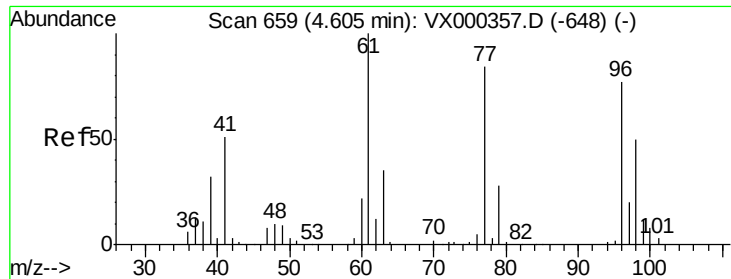
Tgt Ion: 77 Resp: 42882

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.8



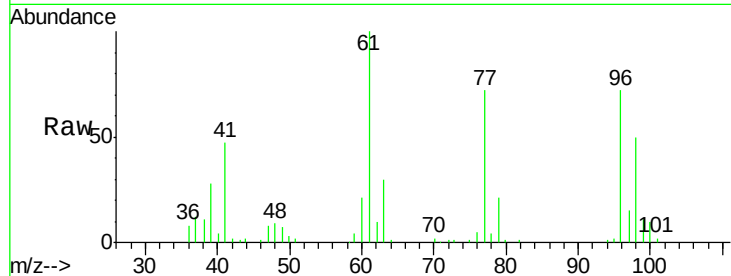


#27

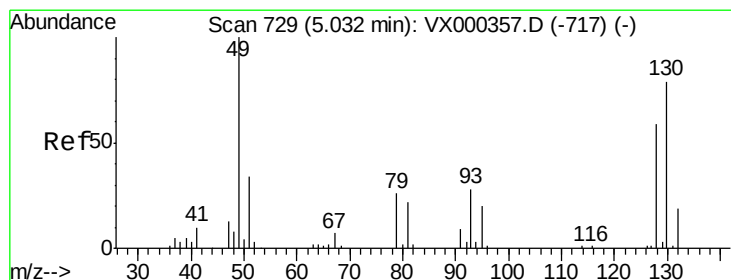
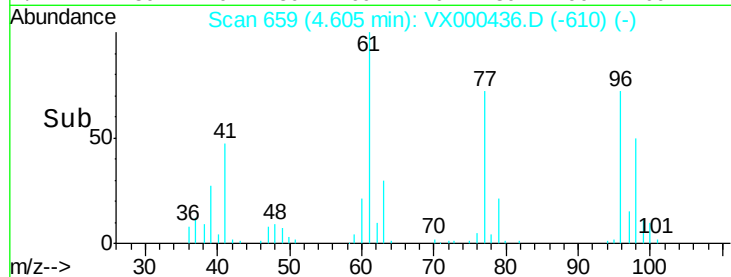
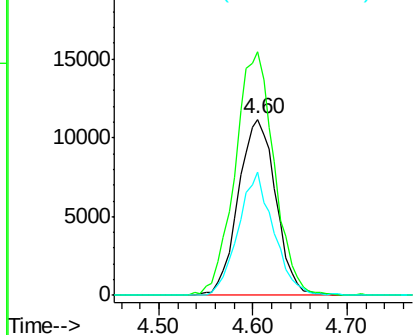
cis-1,2-Dichloroethene
Concen: 20.387 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 31165
Ion Ratio Lower Upper
96 100
61 143.8 0.0 291.6
98 65.6 0.0 132.0



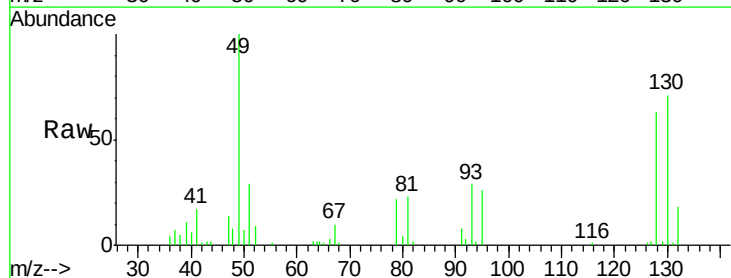
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



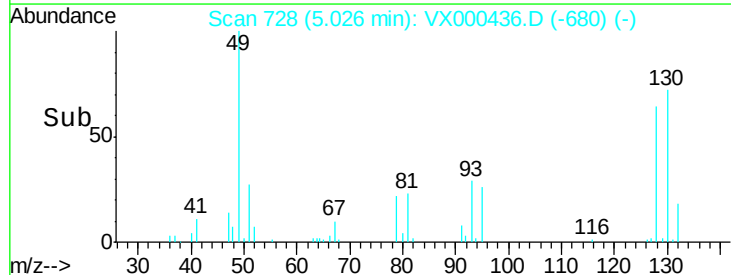
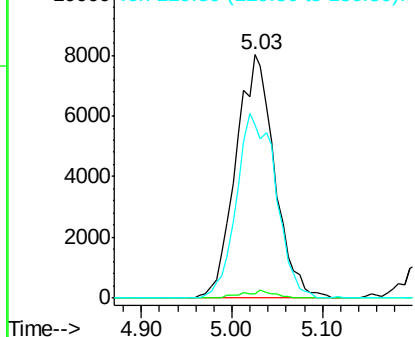
#28

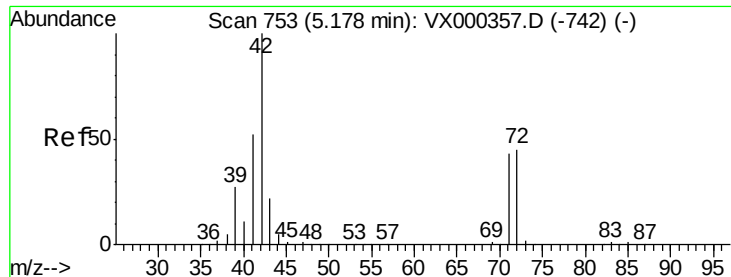
Bromochloromethane
Concen: 19.947 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 49 Resp: 23704
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 77.1 64.0 96.0



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





#29

Tetrahydrofuran

Concen: 109.771 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :

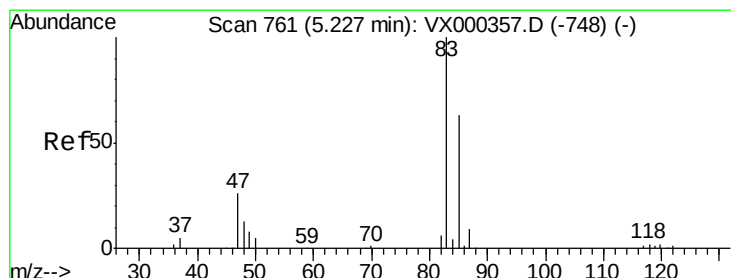
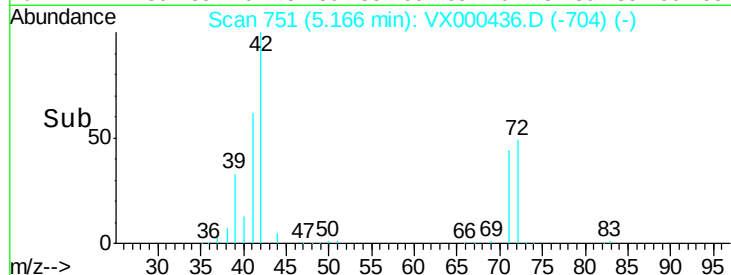
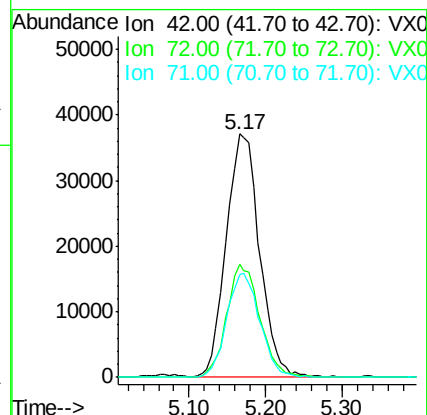
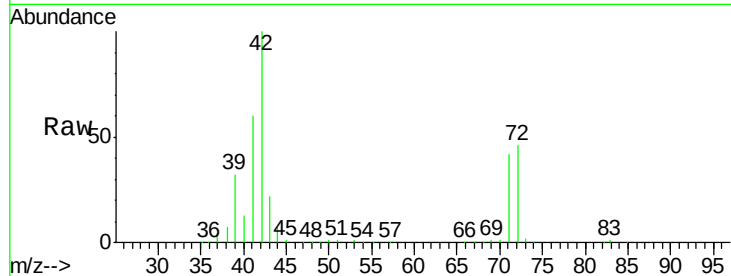
Tot Ion: 42 Resp: 111511

Ion Ratio Lower Upper

42 100

72 46.4 37.9 56.9

71 42.7 34.4 51.6



#30

Chloroform

Concen: 20.896 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX000436.D

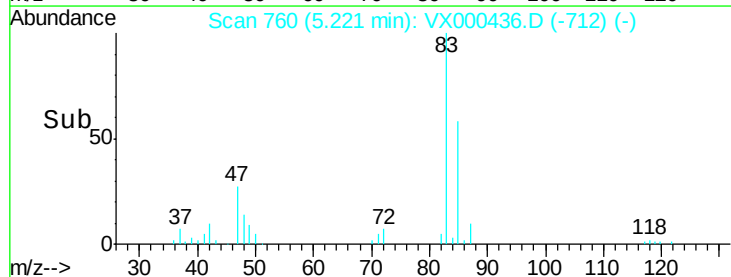
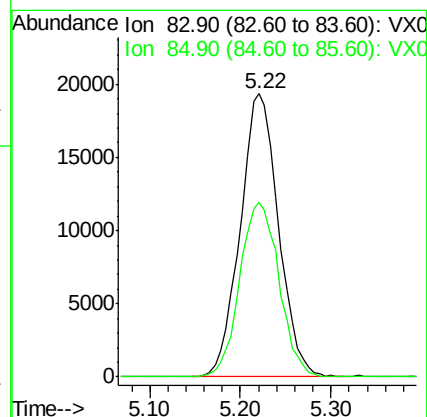
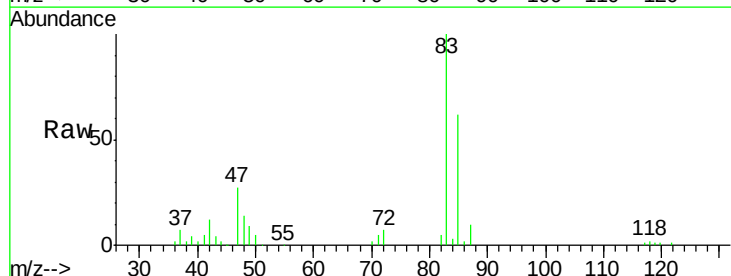
Acq: 26 Mar 2018 13:05

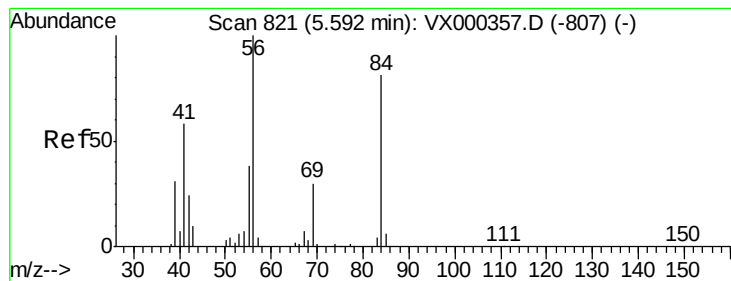
Tgt Ion: 83 Resp: 56436

Ion Ratio Lower Upper

83 100

85 61.7 53.3 79.9





#31

Cyclohexane

Concen: 19.712 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

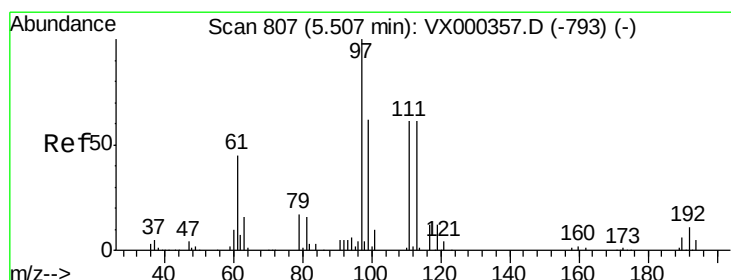
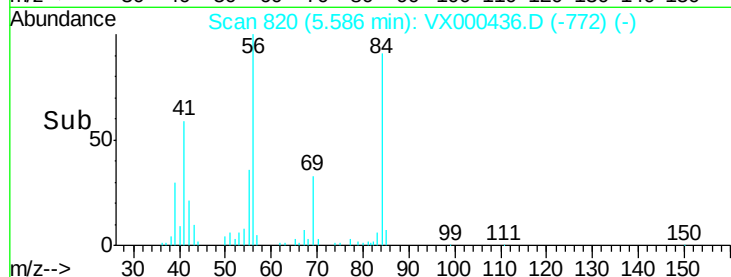
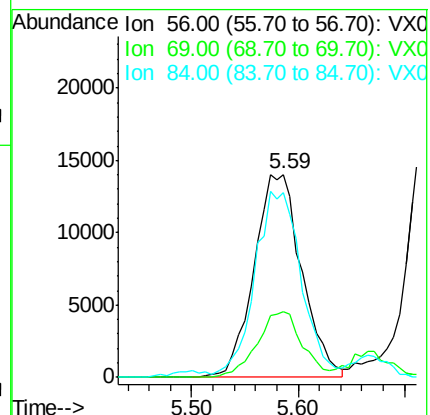
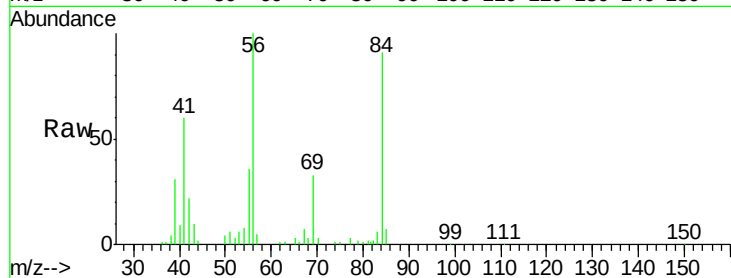
Tot Ion: 56 Resp: 43913

Ion Ratio Lower Upper

56 100

69 32.5 23.4 35.0

84 87.9 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 20.471 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

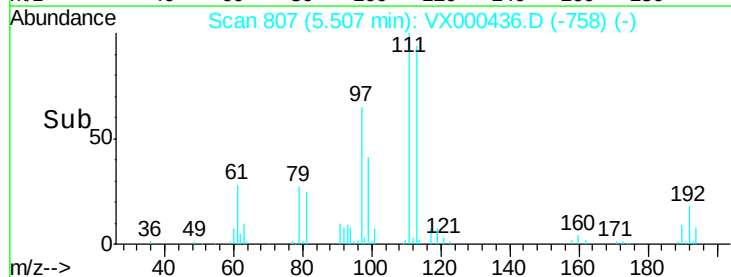
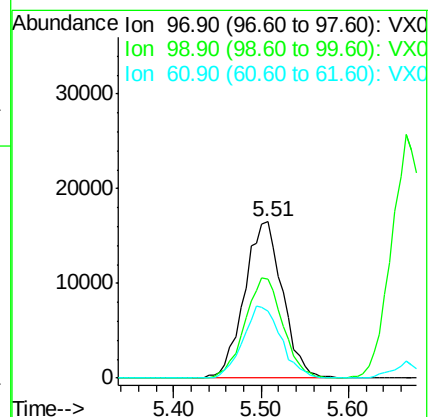
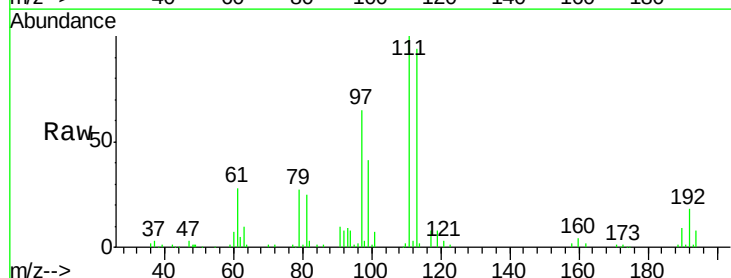
Tgt Ion: 97 Resp: 49876

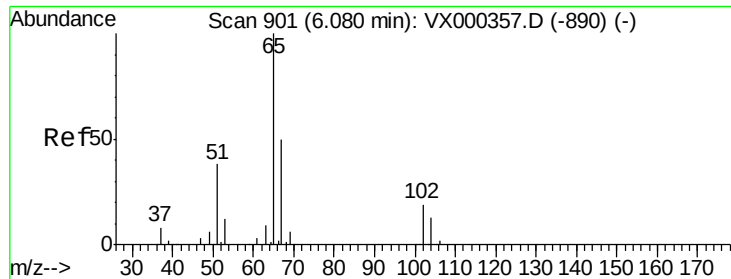
Ion Ratio Lower Upper

97 100

99 63.6 52.1 78.1

61 45.9 36.2 54.4

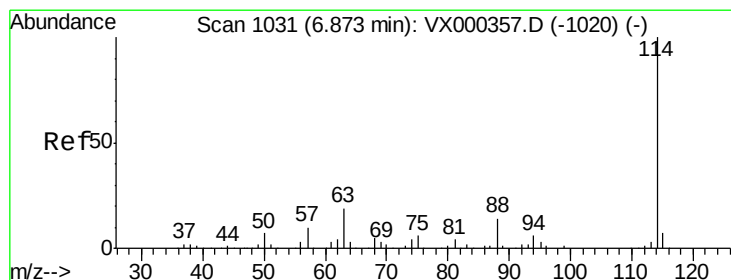
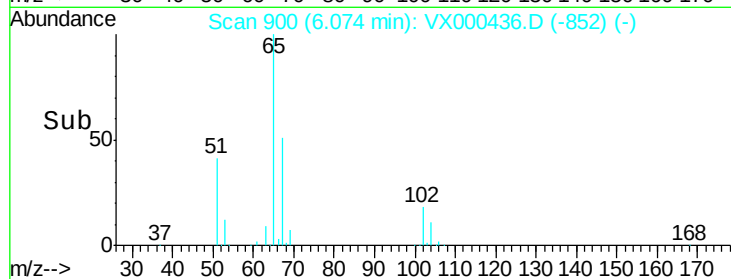
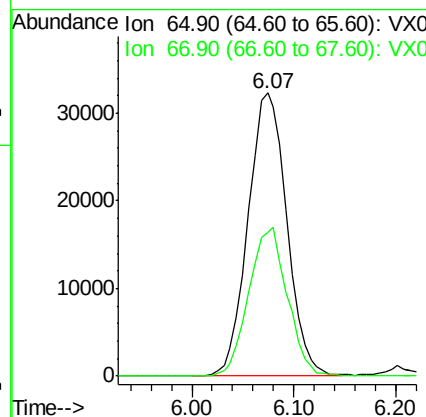
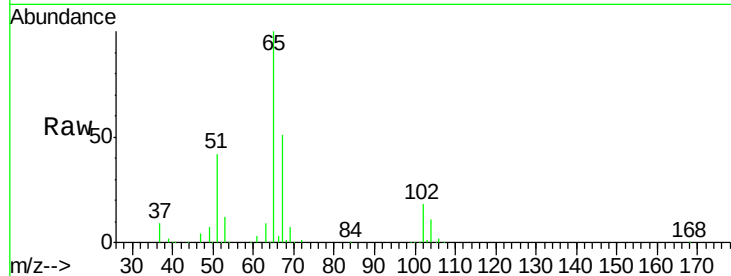




#33
 1,2-Dichloroethane-d4
 Concen: 48.456 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

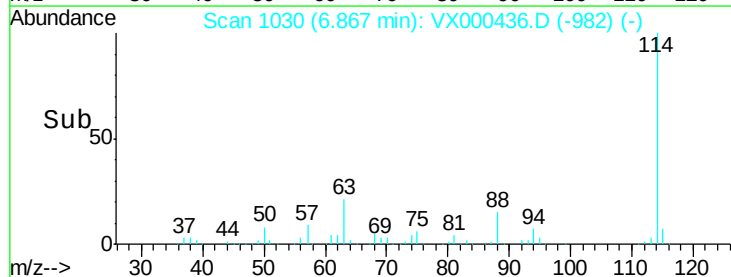
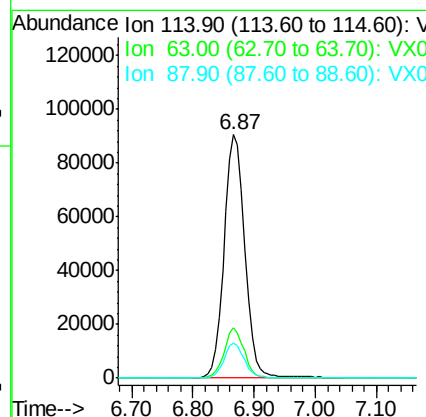
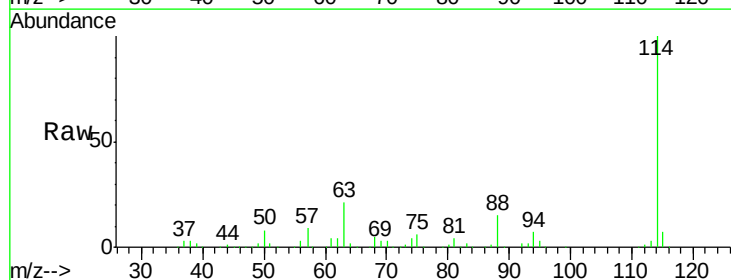
Instrument :
 MSVOA_X
 ClientSampleId :

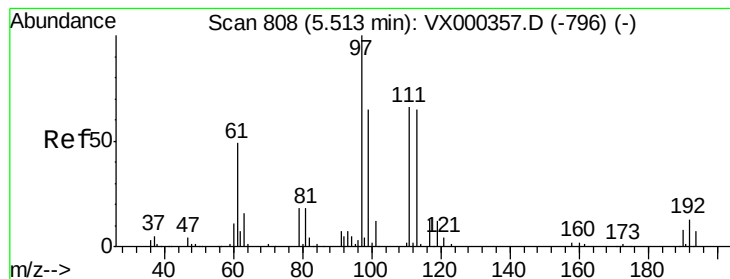
Tot Ion: 65 Resp: 85562
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion: 114 Resp: 214548
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.4
 88 14.6 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.903 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

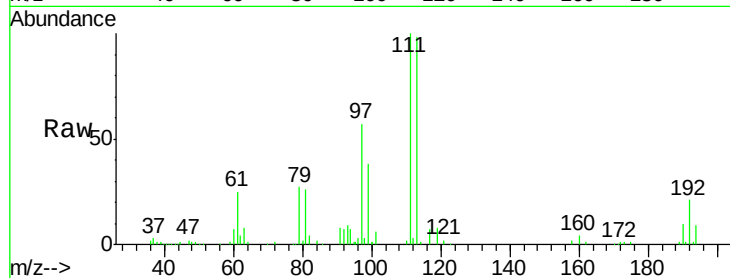
Tot Ion:113 Resp: 67461

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

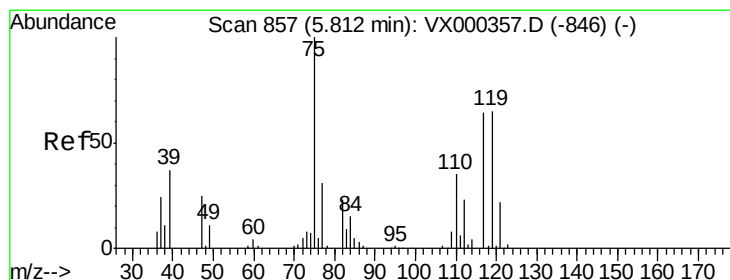
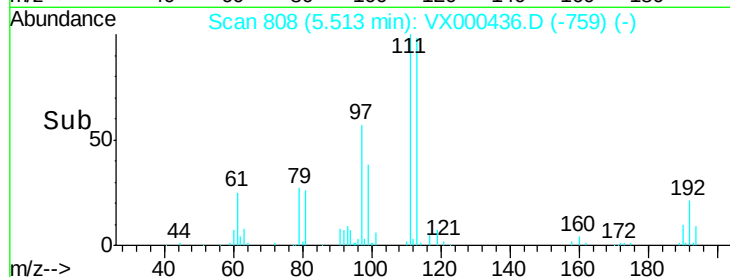
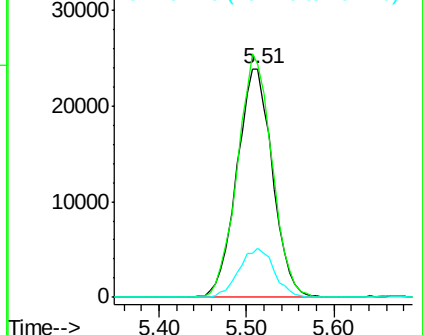
192 21.0 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.448 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

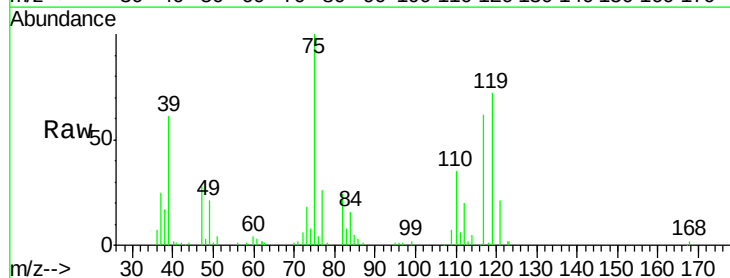
Tgt Ion: 75 Resp: 41094

Ion Ratio Lower Upper

75 100

110 35.8 17.9 53.7

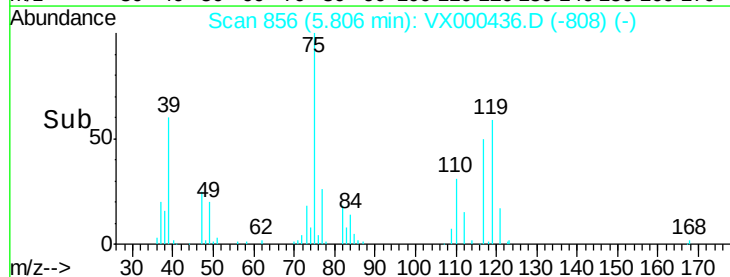
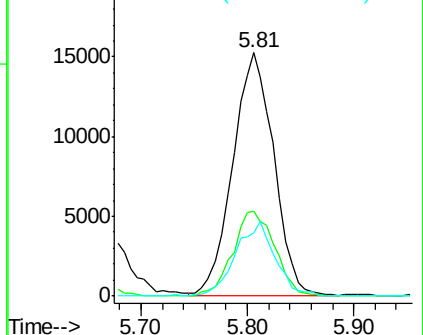
77 29.4 24.0 36.0

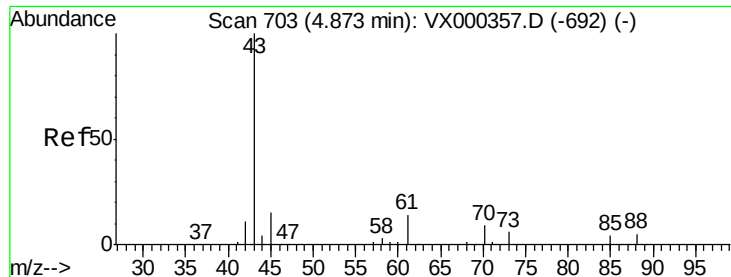


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

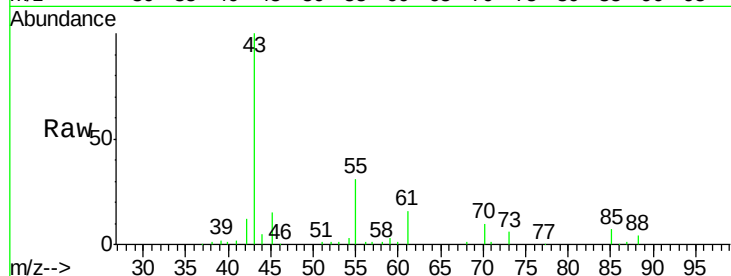




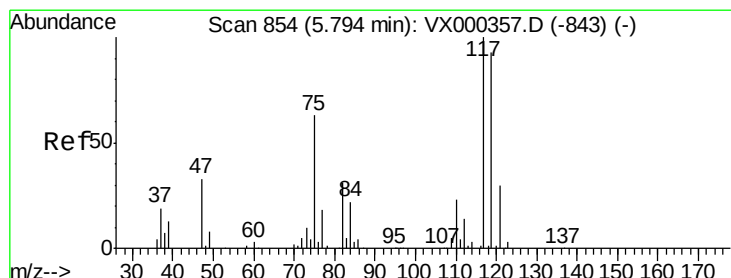
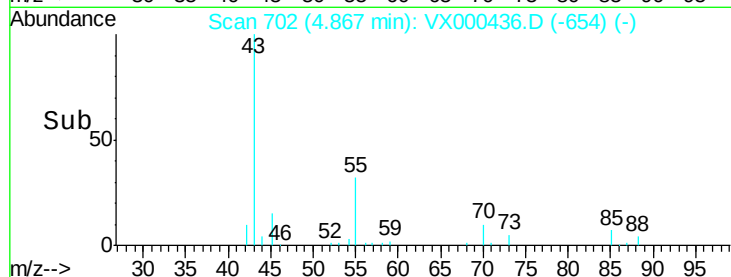
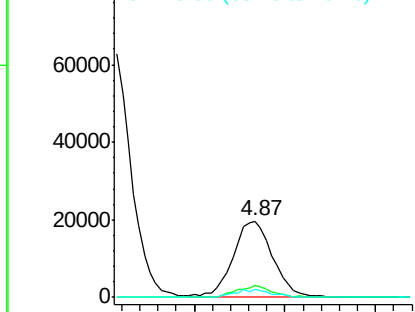
#37
Ethyl Acetate
Concen: 21.355 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 58622
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 9.5 7.7 11.5

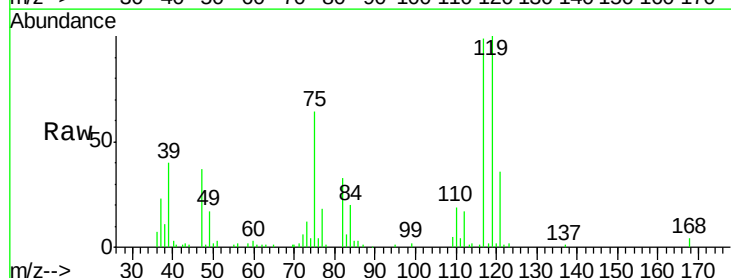


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

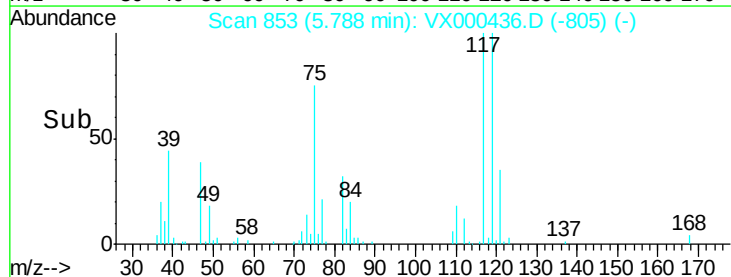
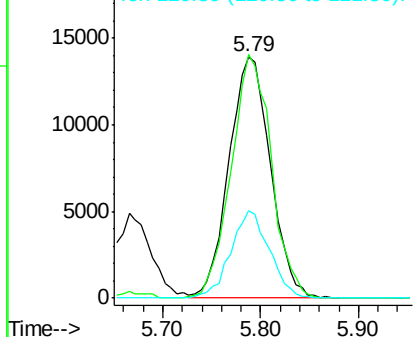


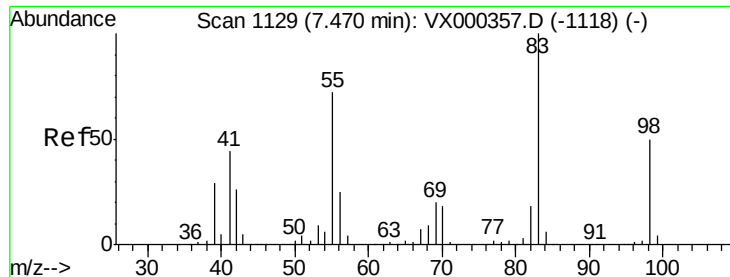
#38
Carbon Tetrachloride
Concen: 19.399 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 117 Resp: 40899
Ion Ratio Lower Upper
117 100
119 101.0 77.4 116.2
121 36.4 24.8 37.2



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

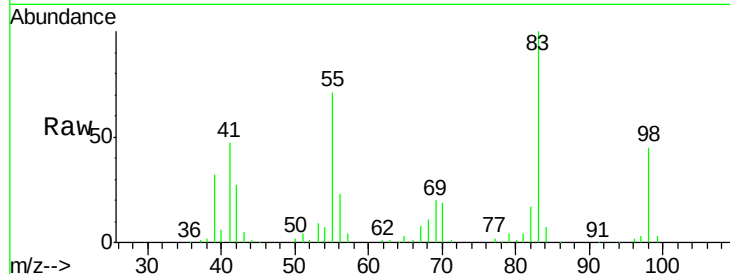




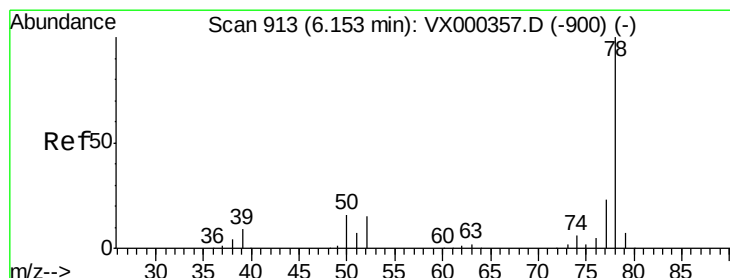
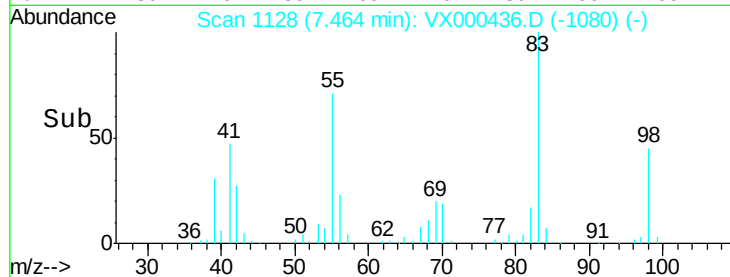
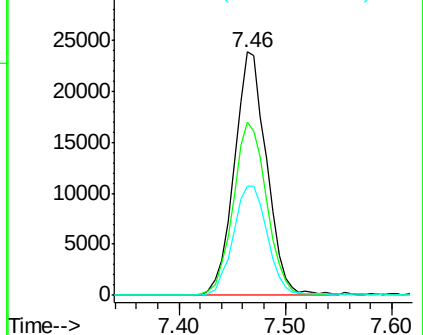
#39
Methylvlcyclohexane
Concen: 20.879 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 51030
Ion Ratio Lower Upper
83 100
55 71.0 55.5 83.3
98 44.8 38.2 57.4

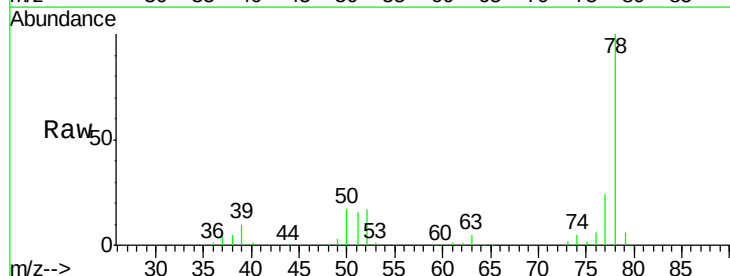


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

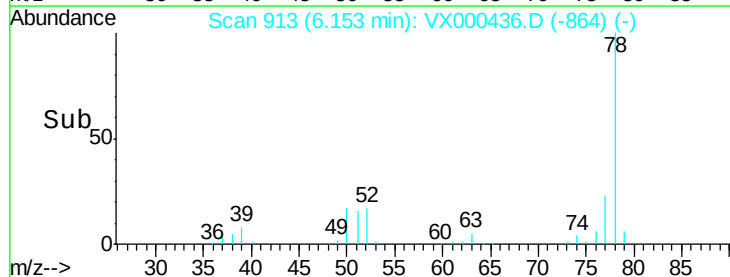
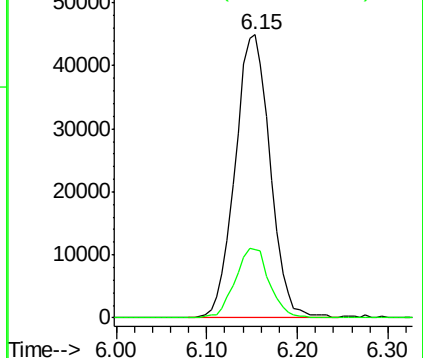


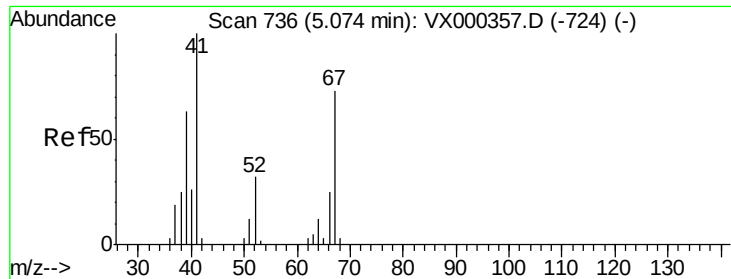
#40
Benzene
Concen: 20.630 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 78 Resp: 120398
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1



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

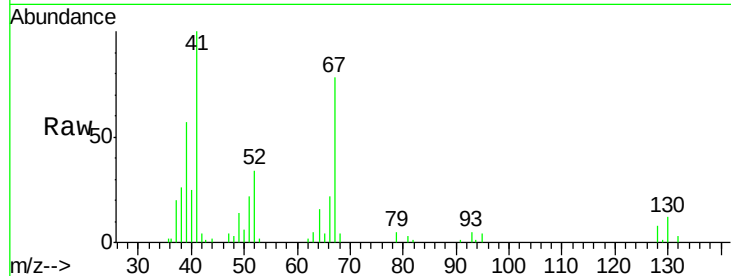




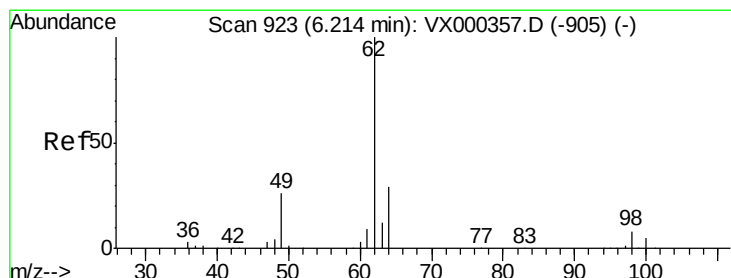
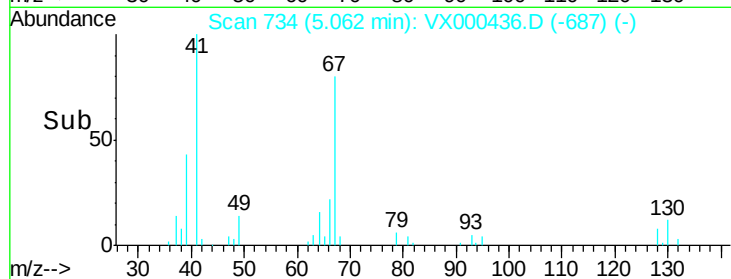
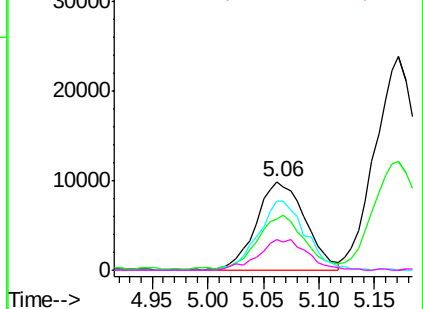
#41
Methacrylonitrile
Concen: 21.101 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	30539
Ion	Ratio	Lower	Upper
41	100		
39	58.8	45.7	68.5
67	74.7	57.8	86.8
52	34.3	26.7	40.1

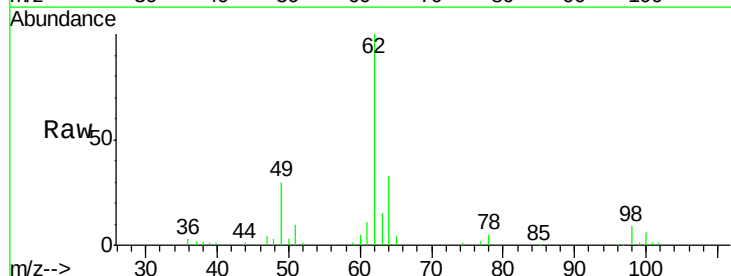


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

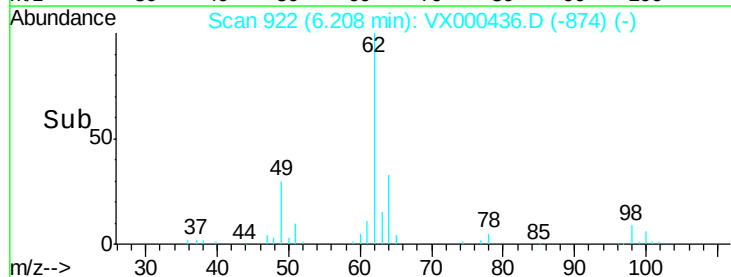
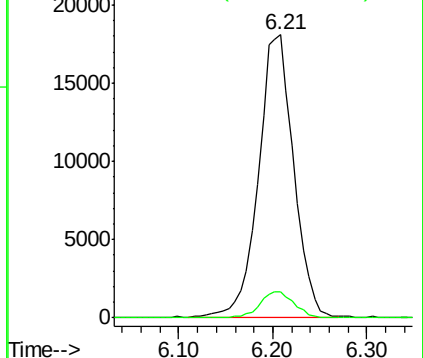


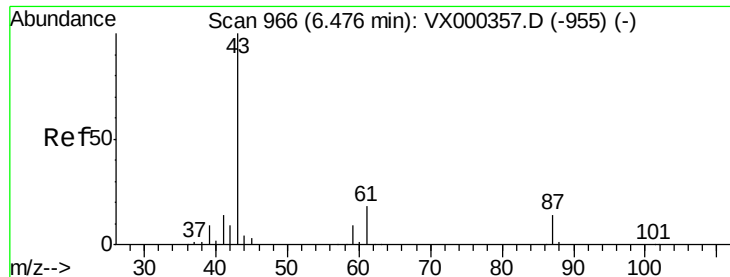
#42
1,2-Dichloroethane
Concen: 20.761 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion:	62	Resp:	47539
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 21.284 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

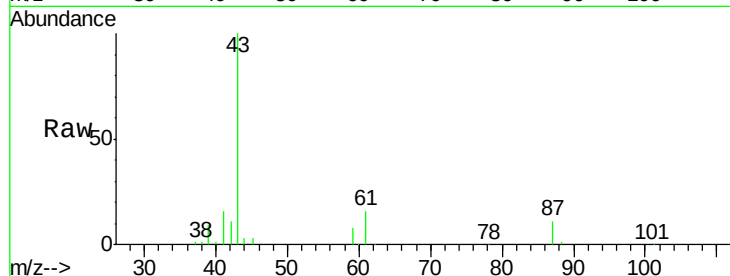
Tot Ion: 43 Resp: 86973

Ion Ratio Lower Upper

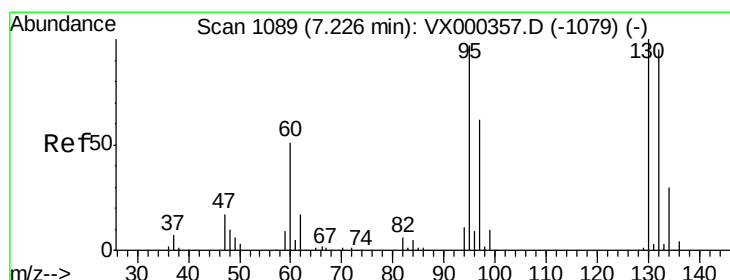
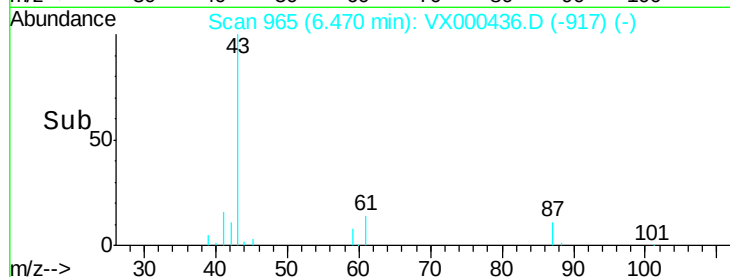
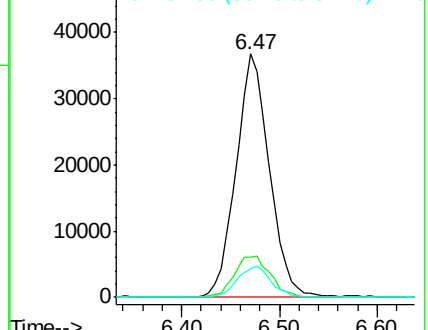
43 100

61 18.4 14.4 21.6

87 12.9 11.0 16.4



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: 21.168 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000436.D

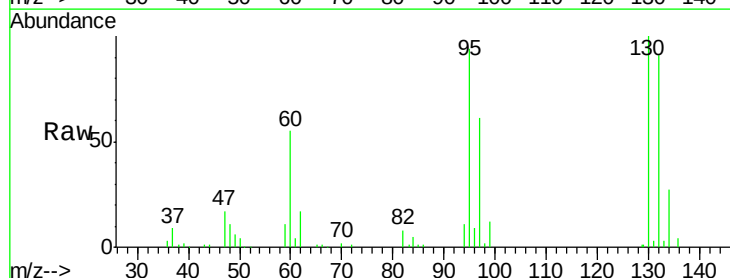
Acq: 26 Mar 2018 13:05

Tgt Ion: 130 Resp: 35392

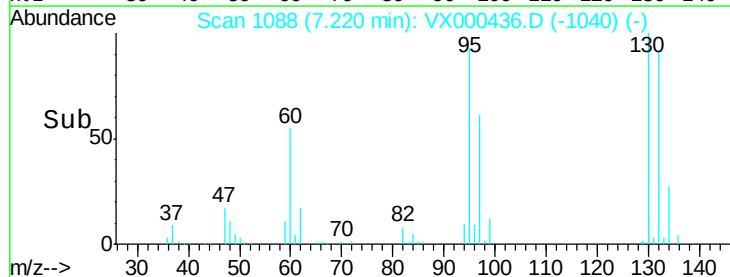
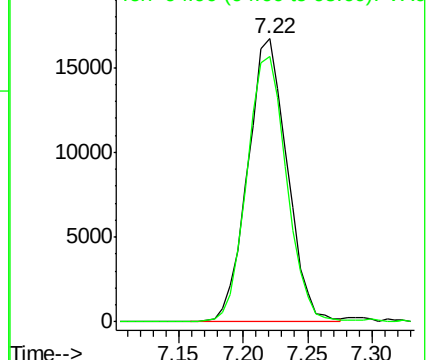
Ion Ratio Lower Upper

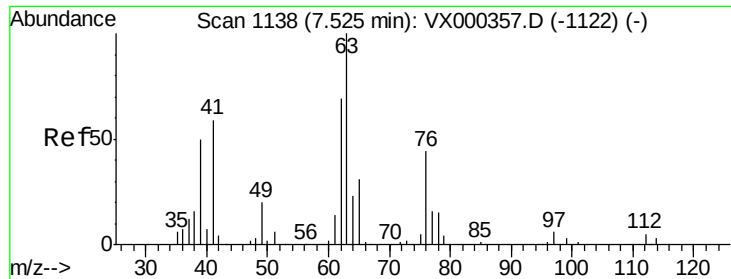
130 100

95 93.7 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

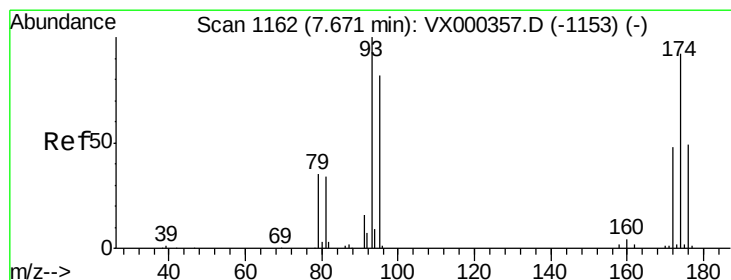
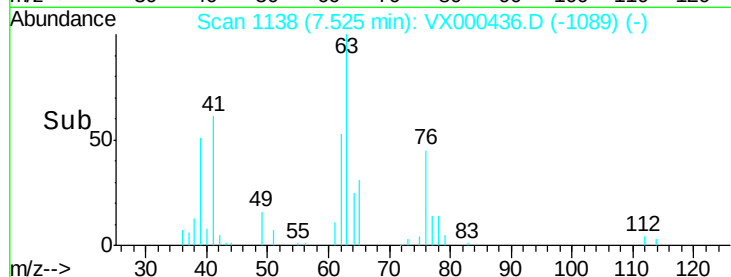
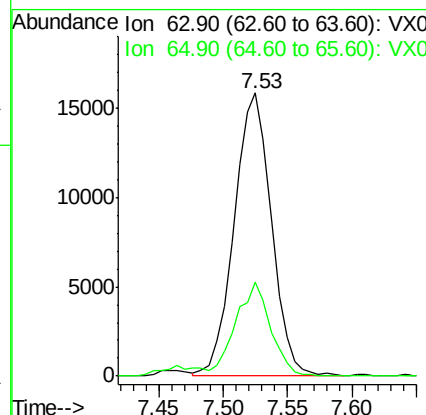
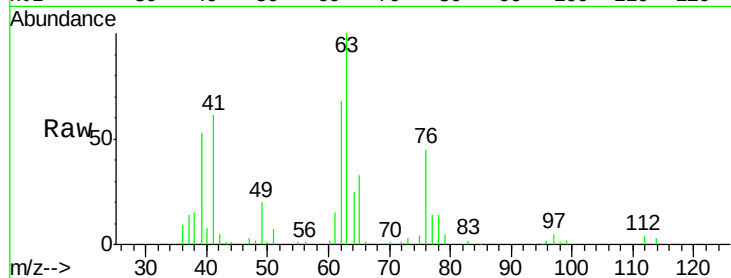




#45
 1,2-Dichloropropane
 Concen: 21.353 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

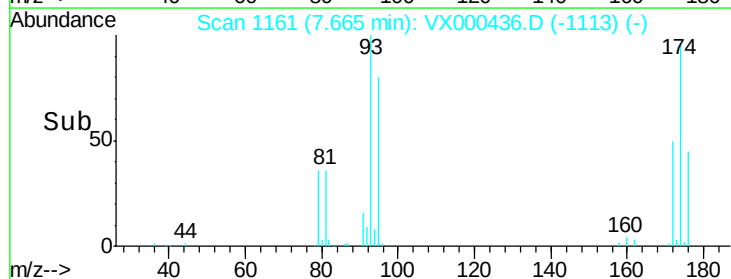
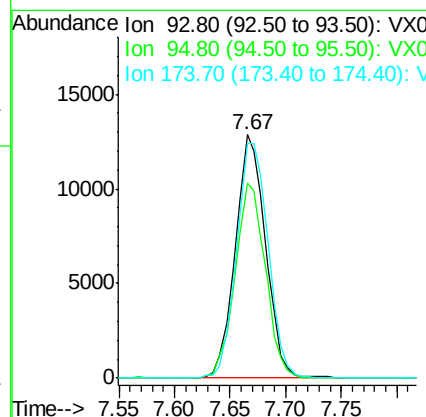
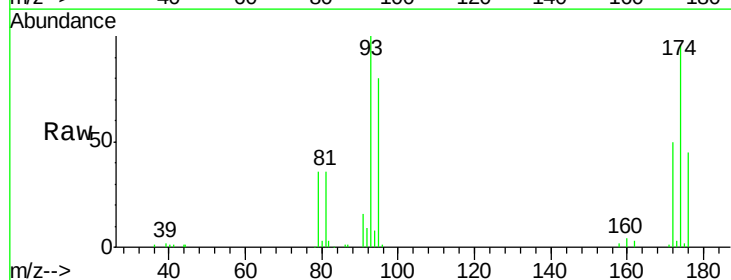
Instrument :
 MSVOA_X
 ClientSampled :

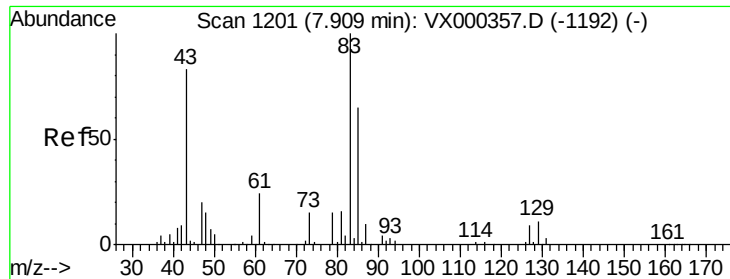
Tot Ion: 63 Resp: 31899
 Ion Ratio Lower Upper
 63 100
 65 33.2 24.6 36.8



#46
 Dibromomethane
 Concen: 20.572 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion: 93 Resp: 24122
 Ion Ratio Lower Upper
 93 100
 95 80.7 66.5 99.7
 174 101.1 76.0 114.0





#47

Bromodichloromethane

Concen: 21.947 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

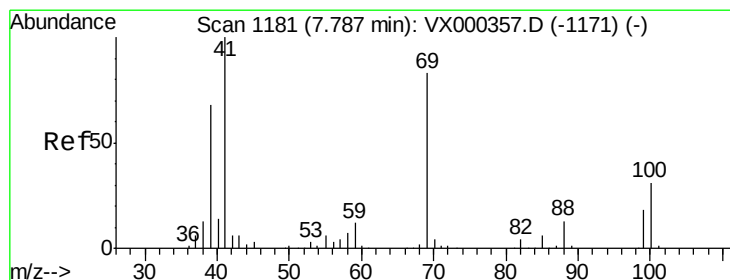
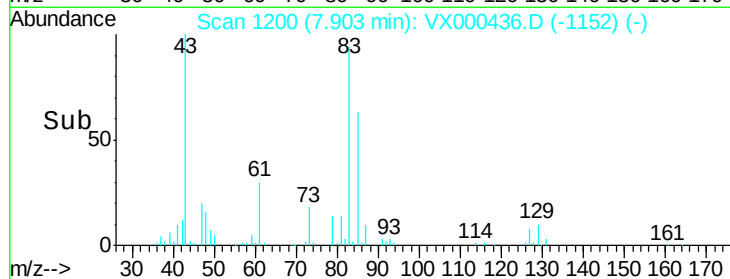
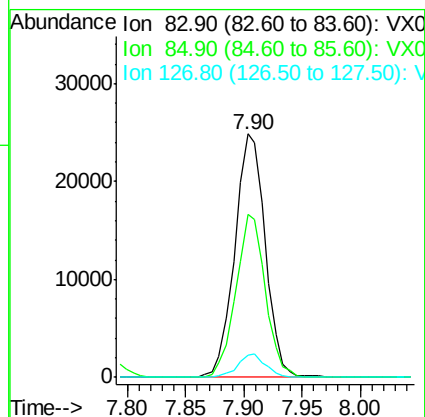
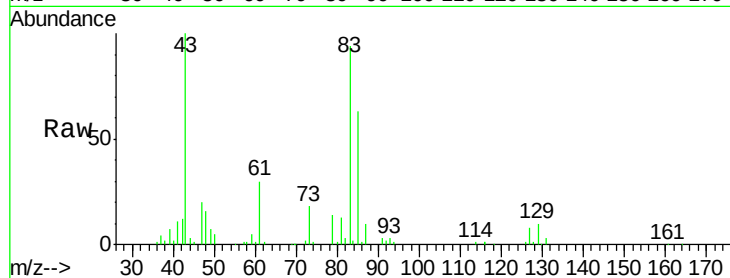
Tot Ion: 83 Resp: 45279

Ion Ratio Lower Upper

83 100

85 66.8 51.4 77.0

127 9.0 7.0 10.6



#48

Methyl methacrylate

Concen: 22.073 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

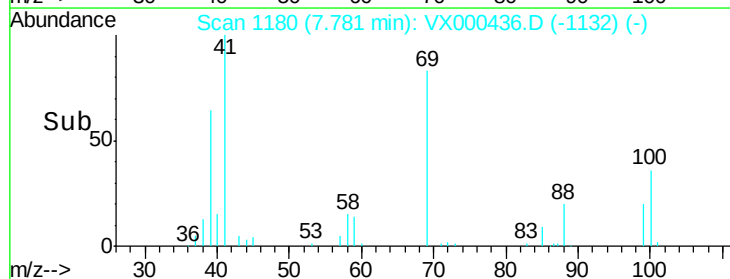
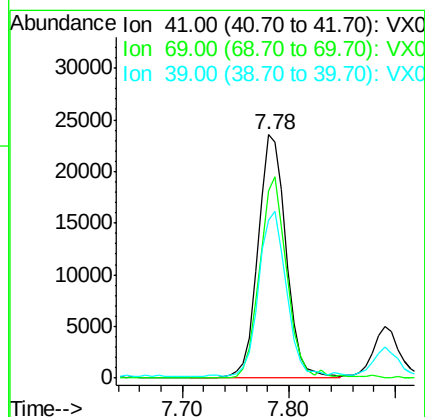
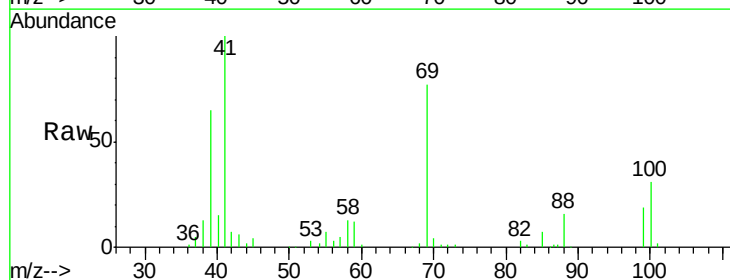
Tgt Ion: 41 Resp: 43789

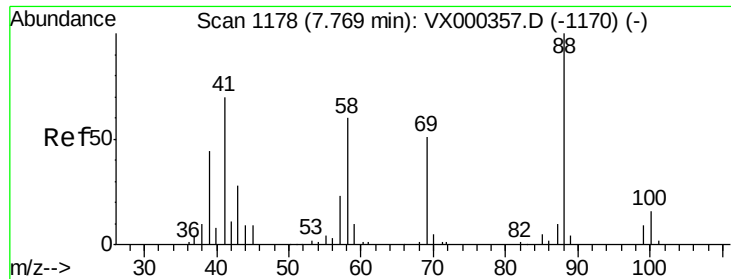
Ion Ratio Lower Upper

41 100

69 79.1 68.2 102.4

39 66.4 54.6 81.8

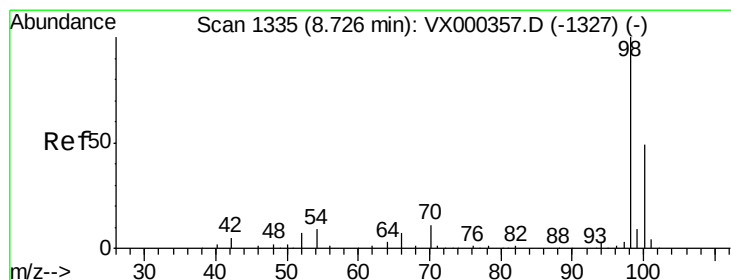
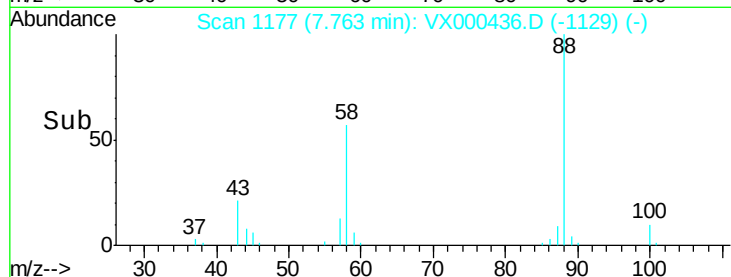
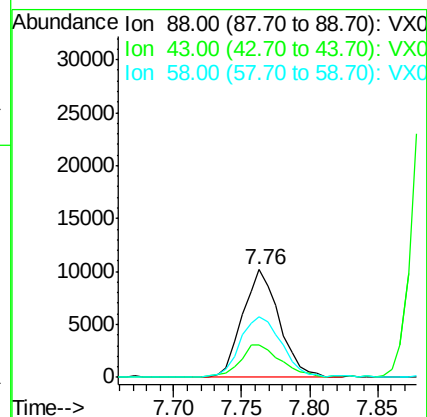
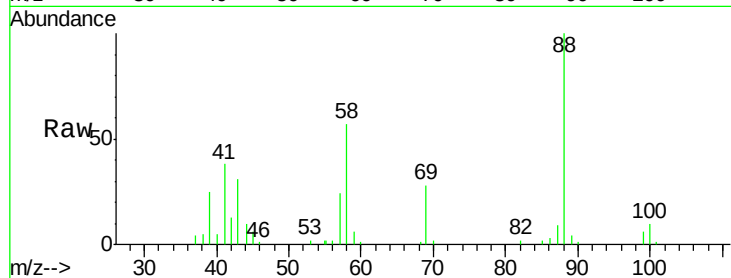




#49
1,4-Dioxane
Concen: 461.747 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

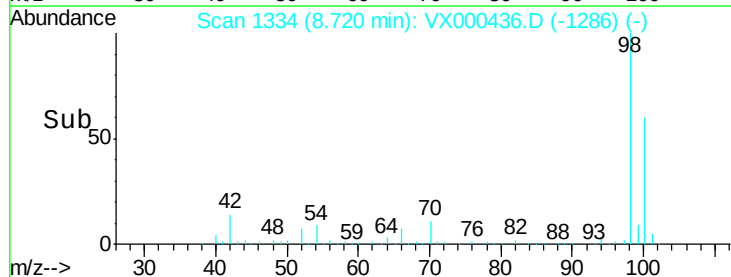
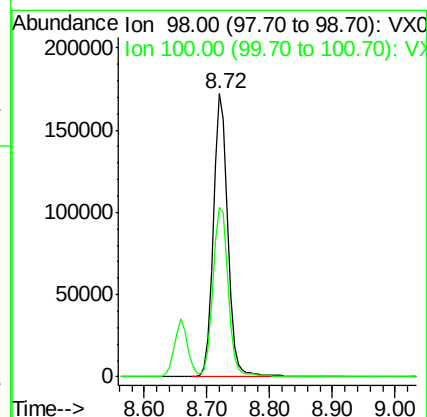
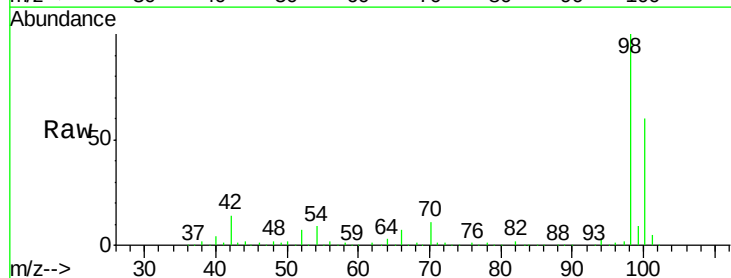
Instrument :
MSVOA_X
ClientSampled :

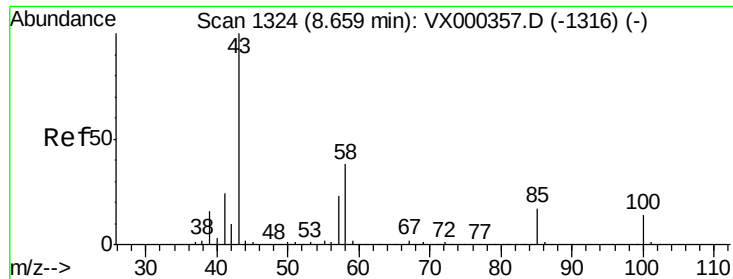
Tot Ion: 88 Resp: 19255
Ion Ratio Lower Upper
88 100
43 33.3 26.8 40.2
58 63.1 52.2 78.2



#50
Toluene-d8
Concen: 48.891 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 98 Resp: 273733
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 114.127 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

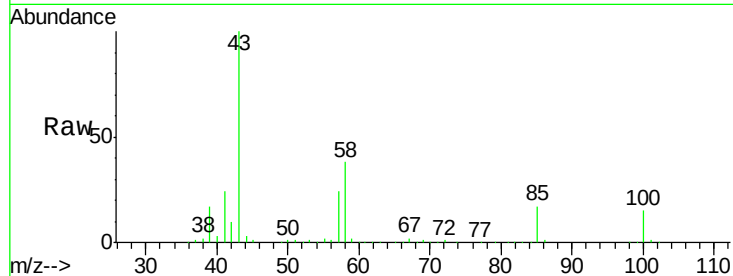
ClientSampled :

Tot Ion: 43 Resp: 360980

Ion Ratio Lower Upper

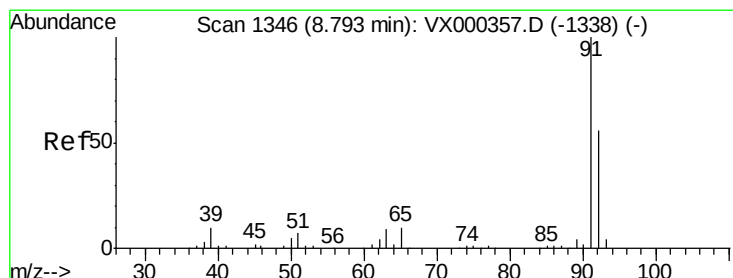
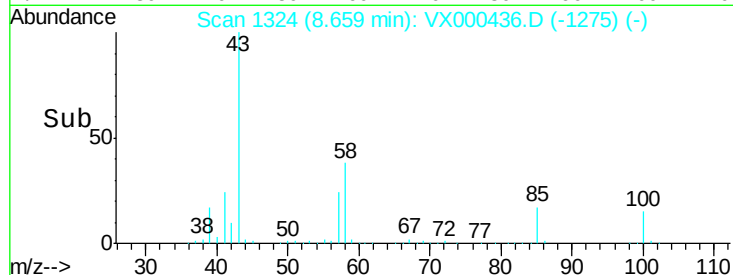
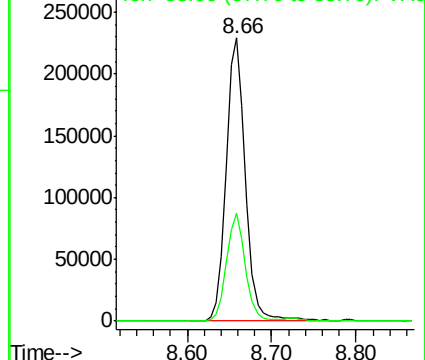
43 100

58 36.8 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.874 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000436.D

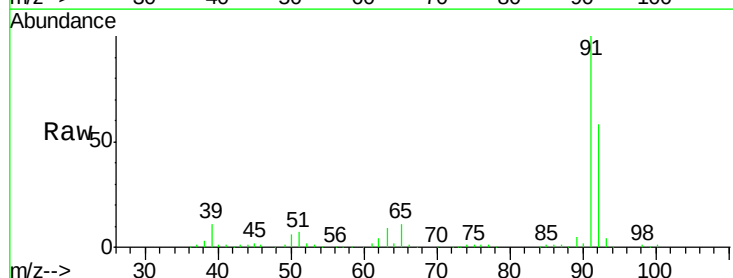
Acq: 26 Mar 2018 13:05

Tgt Ion: 92 Resp: 85166

Ion Ratio Lower Upper

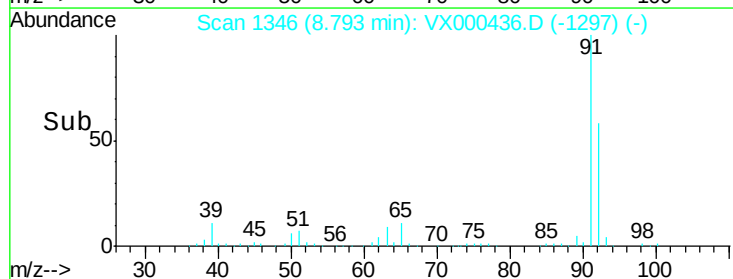
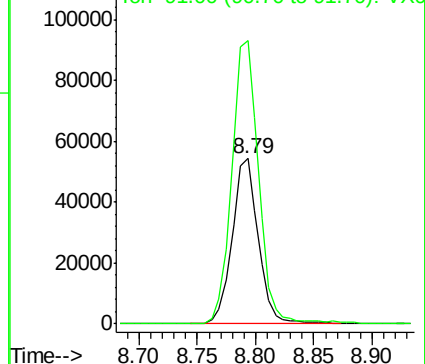
92 100

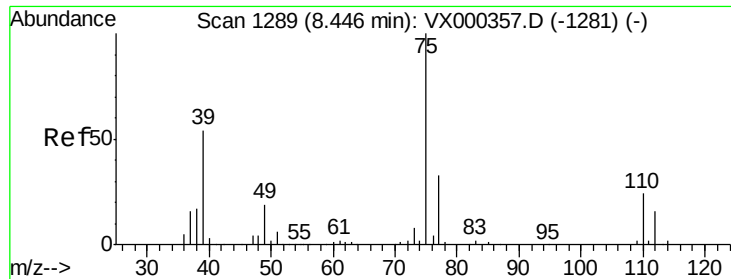
91 175.7 140.2 210.2



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: 21.690 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

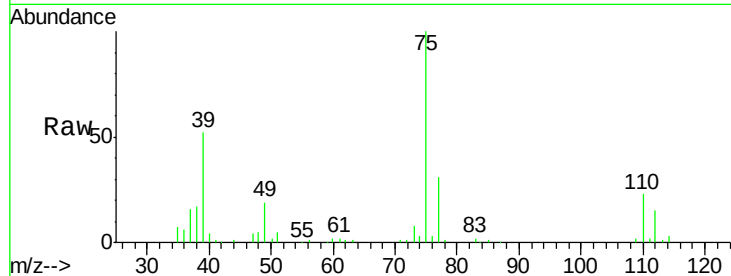
ClientSampleId :

Tot Ion: 75 Resp: 51854

Ion Ratio Lower Upper

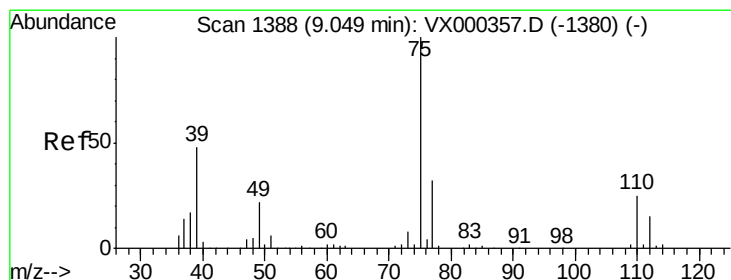
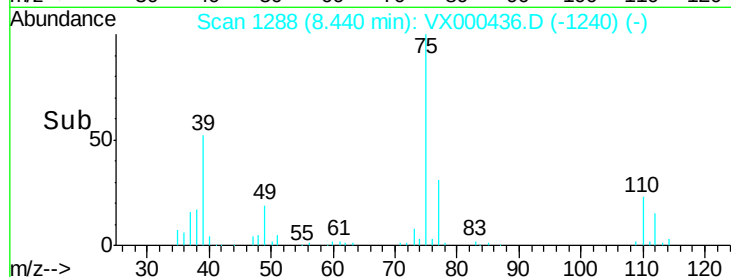
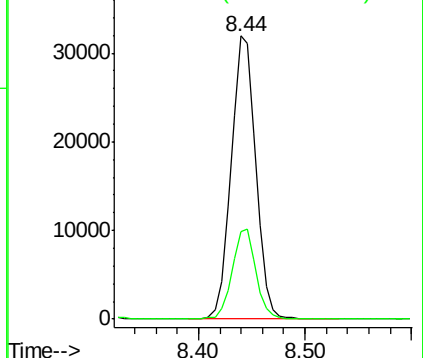
75 100

77 30.7 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.751 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

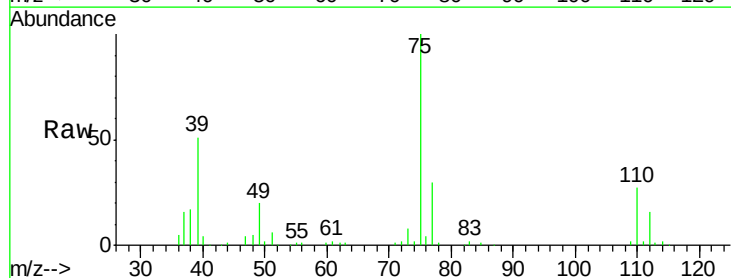
Tgt Ion: 75 Resp: 50440

Ion Ratio Lower Upper

75 100

77 29.9 26.1 39.1

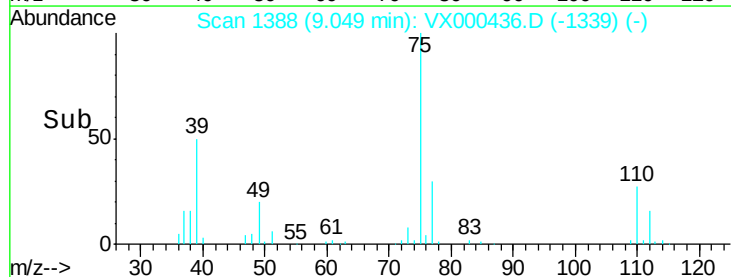
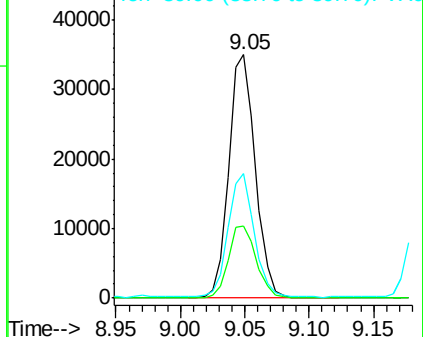
39 50.5 39.8 59.6

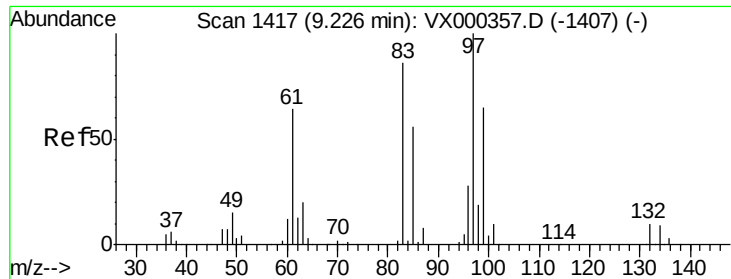


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

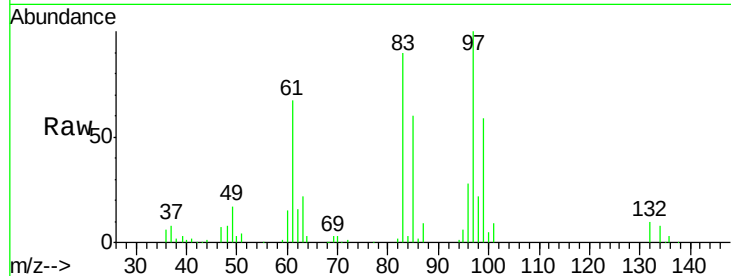




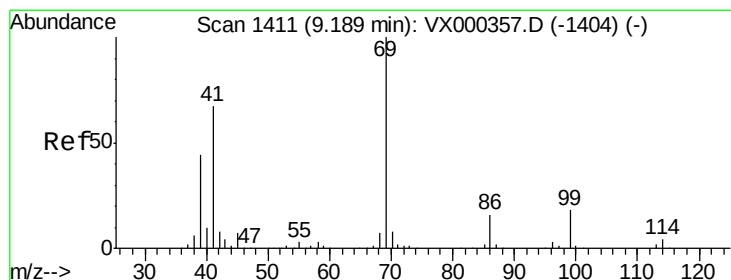
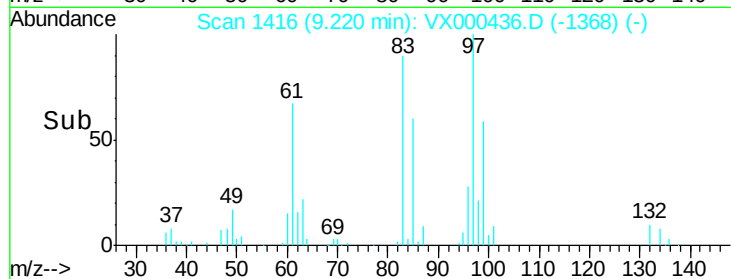
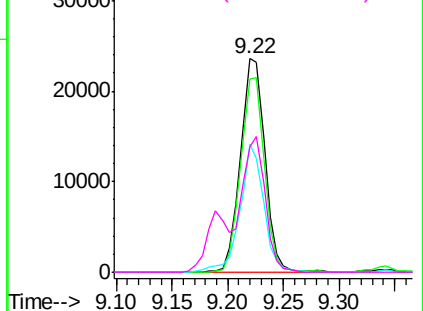
#55
1,1,2-Trichloroethane
Concen: 21.506 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 36084
Ion Ratio Lower Upper
97 100
83 90.3 67.9 101.9
85 60.2 42.8 64.2
99 59.0 49.4 74.2

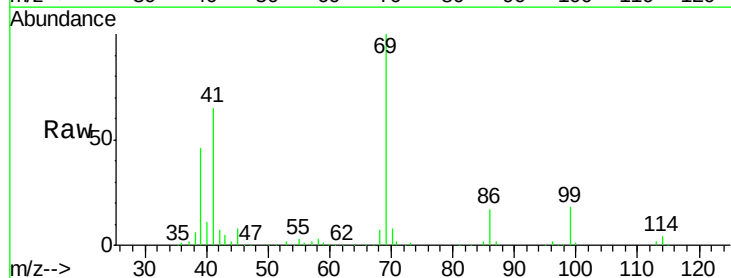


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

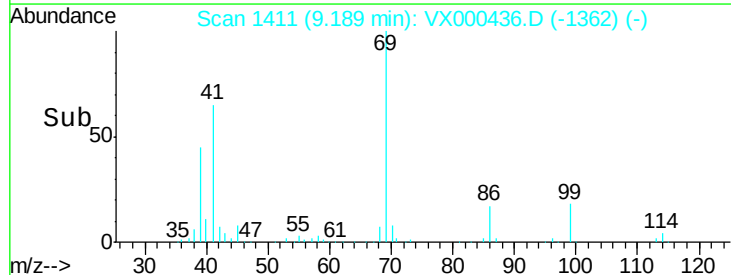
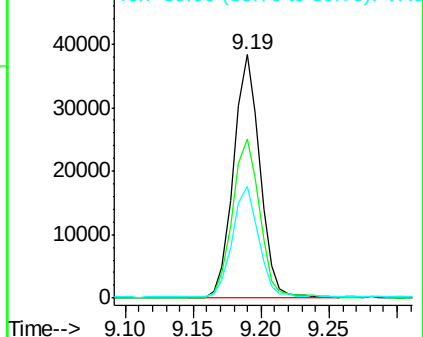


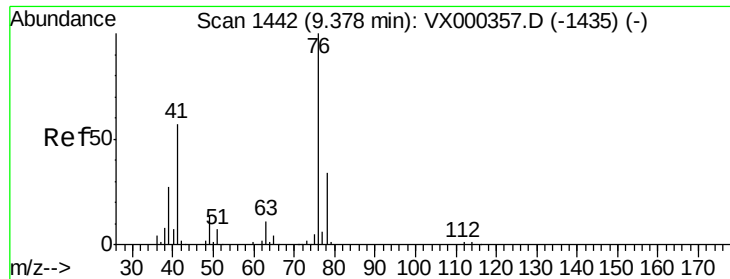
#56
Ethyl methacrylate
Concen: 20.479 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 69 Resp: 52067
Ion Ratio Lower Upper
69 100
41 67.6 53.0 79.6
39 45.3 35.3 52.9



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: 21.655 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

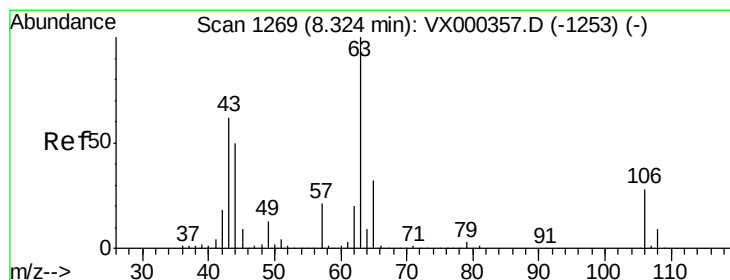
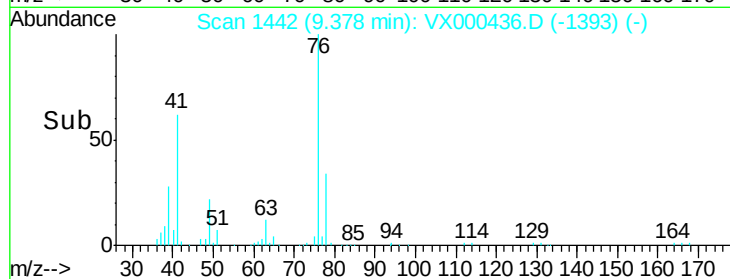
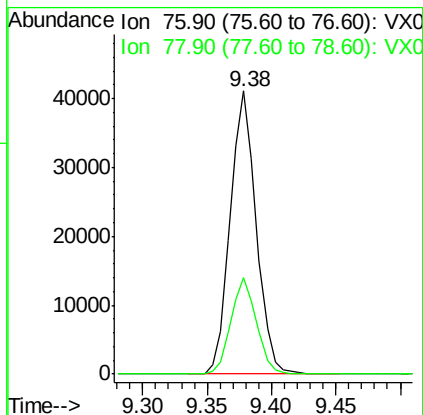
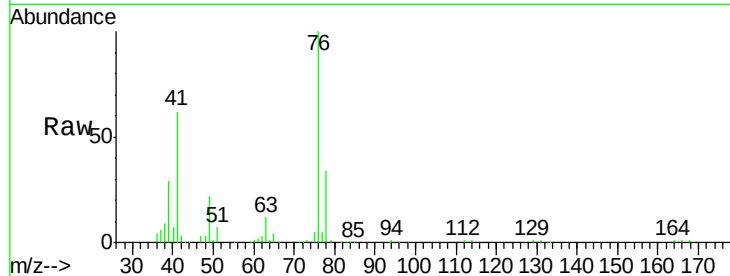
ClientSampleId :

Tot Ion: 76 Resp: 58113

Ion Ratio Lower Upper

76 100

78 33.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.904 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000436.D

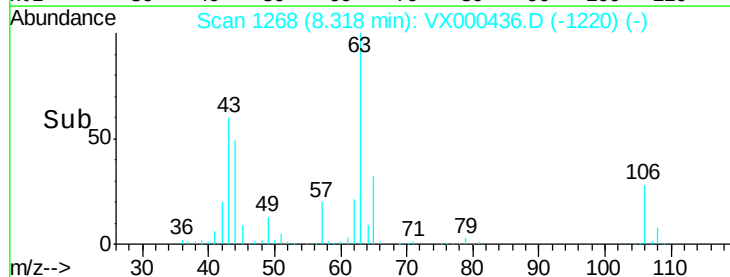
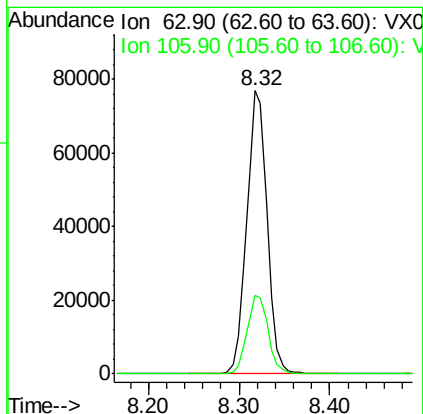
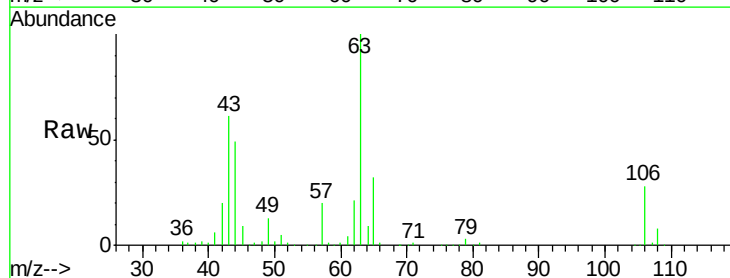
Acq: 26 Mar 2018 13:05

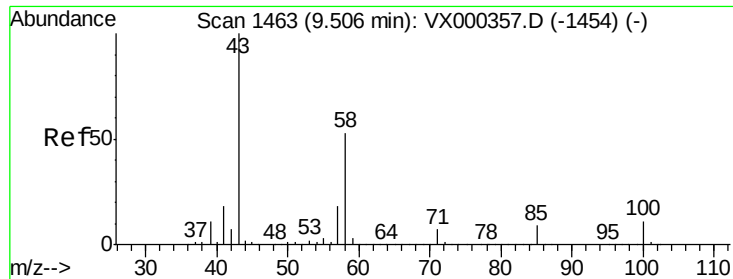
Tgt Ion: 63 Resp: 119467

Ion Ratio Lower Upper

63 100

106 28.5 23.2 34.8

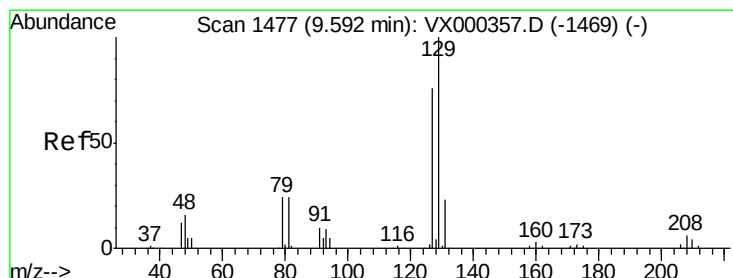
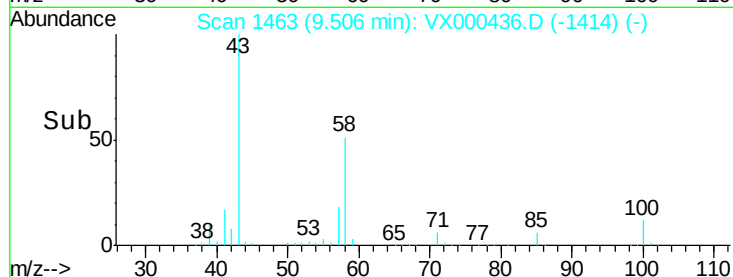
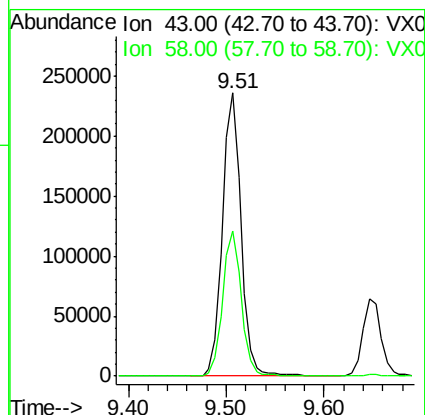
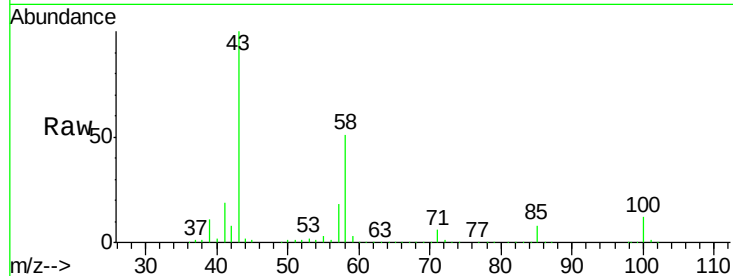




#59
2-Hexanone
Concen: 116.323 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

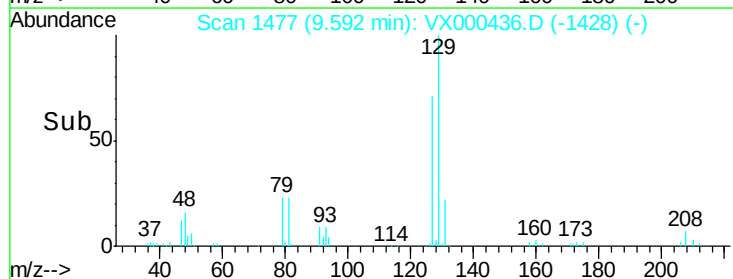
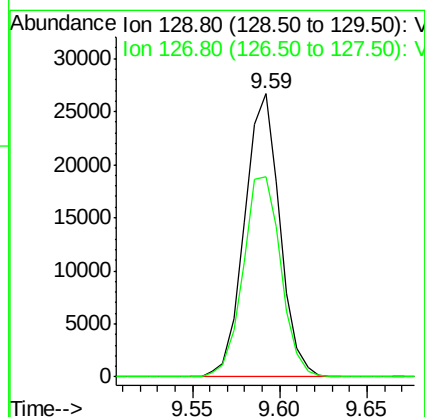
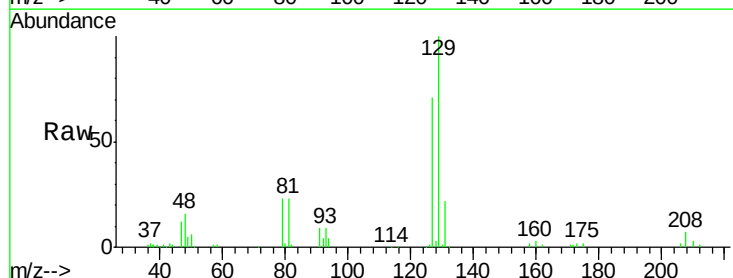
Instrument :
MSVOA_X
ClientSampleId :

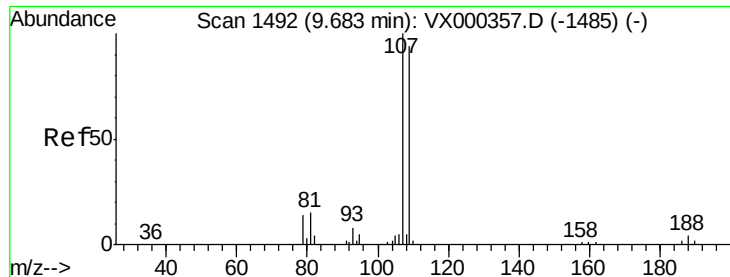
Tot Ion: 43 Resp: 312410
Ion Ratio Lower Upper
43 100
58 51.8 26.6 79.7



#60
Dibromochloromethane
Concen: 21.433 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion:129 Resp: 37468
Ion Ratio Lower Upper
129 100
127 75.7 37.9 113.6





#61

1,2-Dibromoethane

Concen: 21.401 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

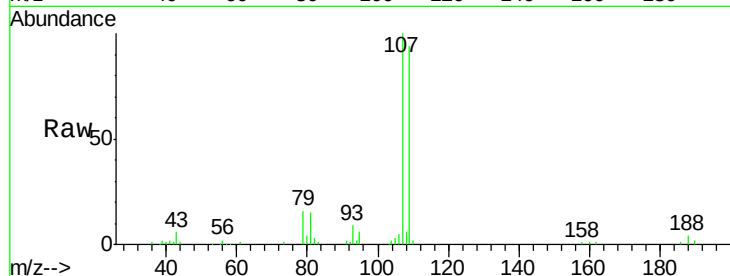
ClientSampleId :

Tot Ion:107 Resp: 38507

Ion Ratio Lower Upper

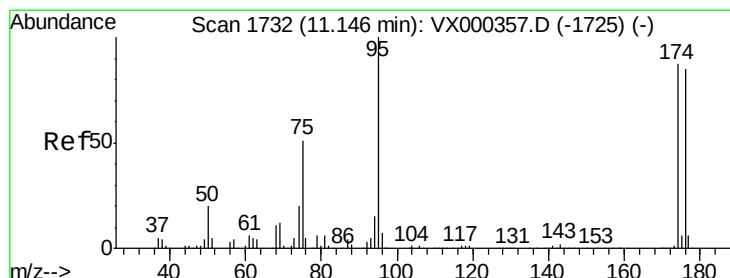
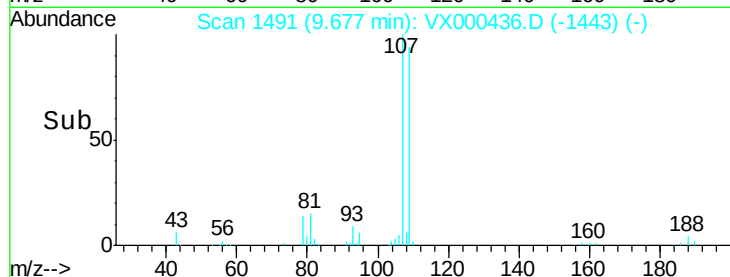
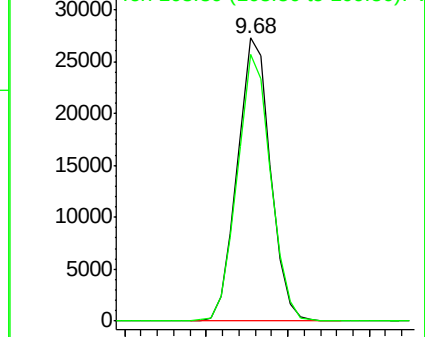
107 100

109 95.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.213 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

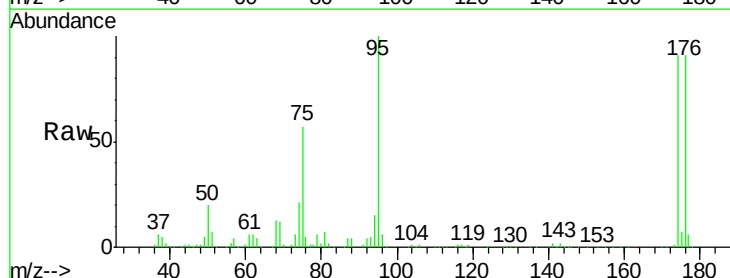
Tgt Ion: 95 Resp: 102680

Ion Ratio Lower Upper

95 100

174 90.4 0.0 173.6

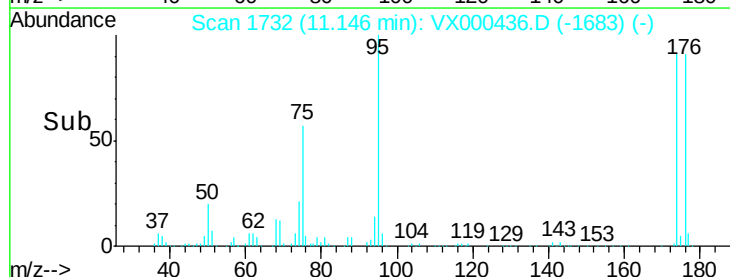
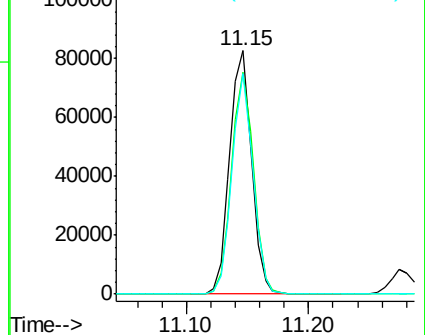
176 86.5 0.0 164.6

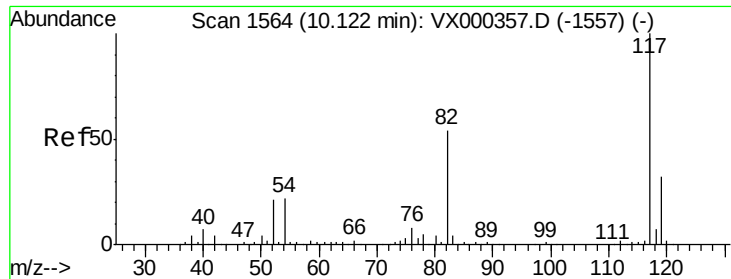


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

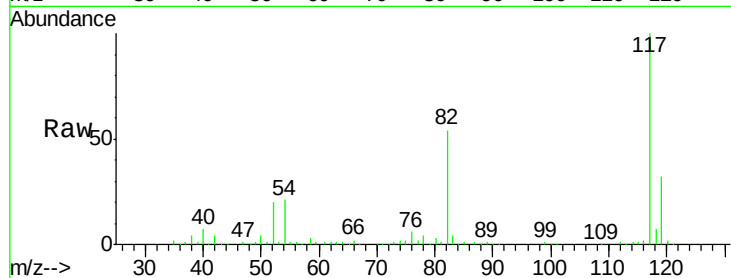
Tot Ion:117 Resp: 219299

Ion Ratio Lower Upper

117 100

82 54.3 43.8 65.8

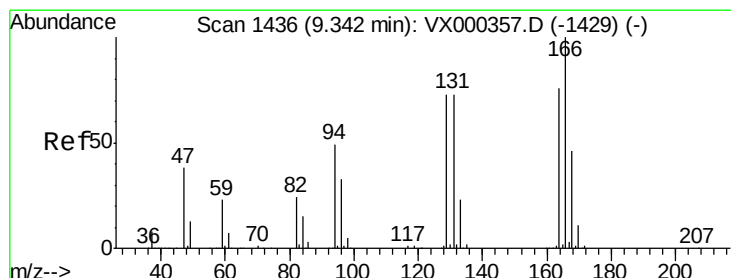
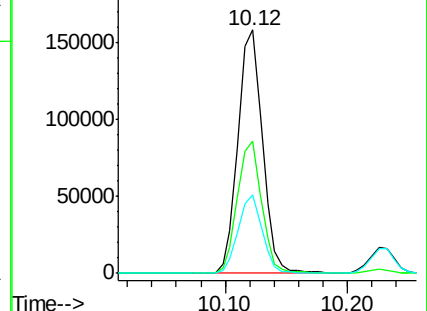
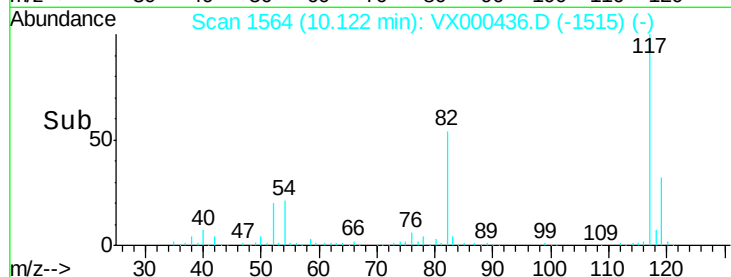
119 32.3 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.004 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Tgt Ion:164 Resp: 35744

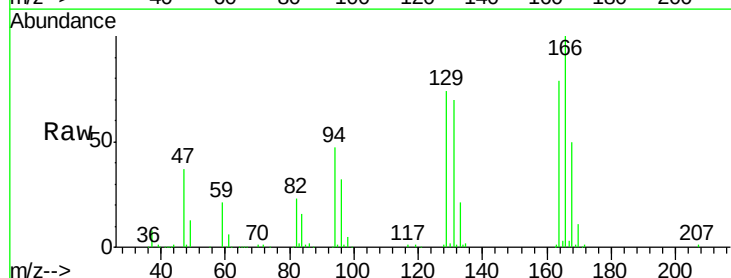
Ion Ratio Lower Upper

164 100

166 127.2 101.0 151.6

129 94.4 79.0 118.4

131 89.6 71.9 107.9

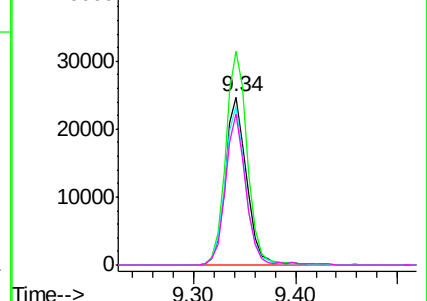
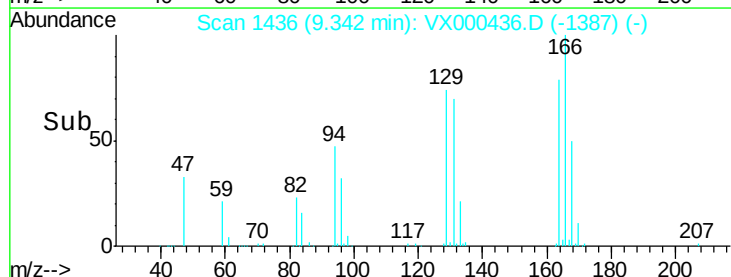


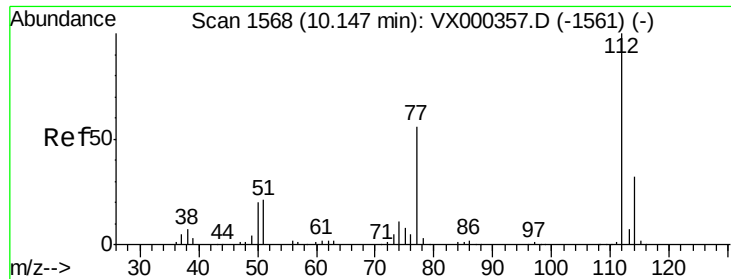
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

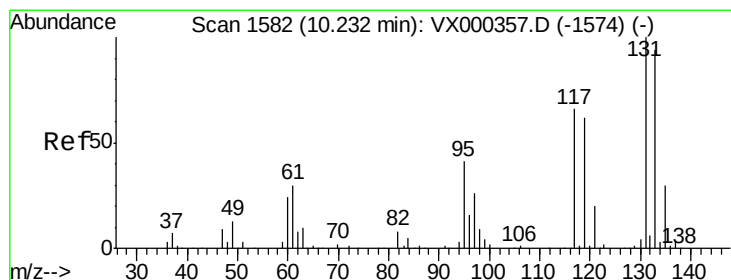
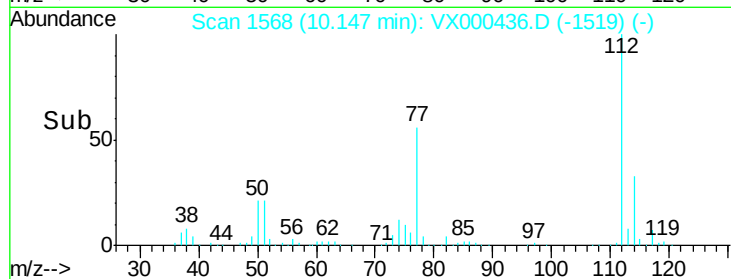
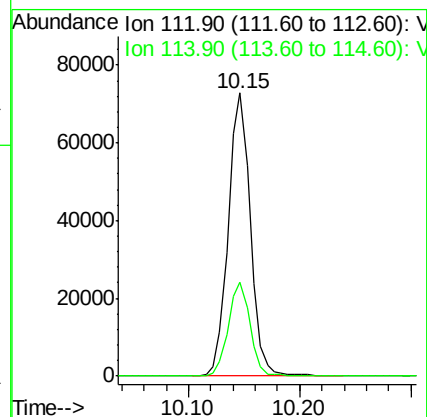
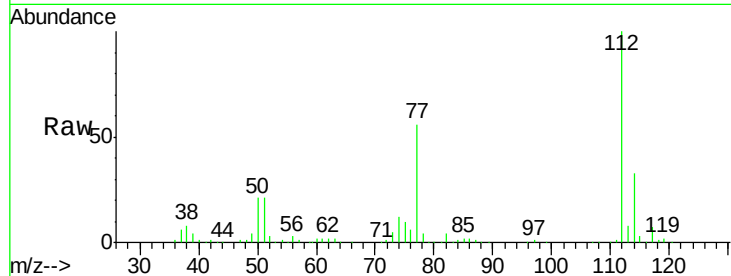




#65
Chlorobenzene
Concen: 20.551 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

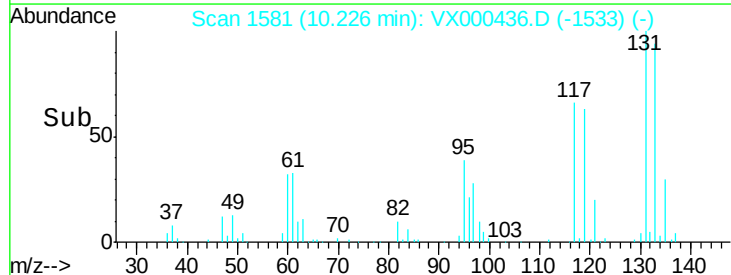
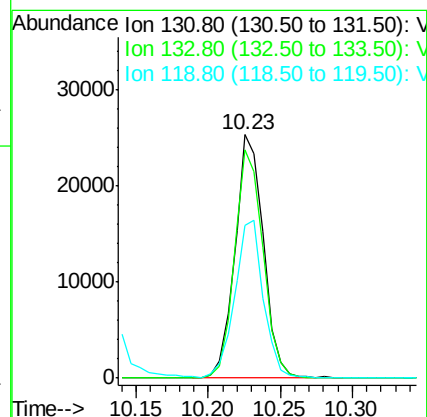
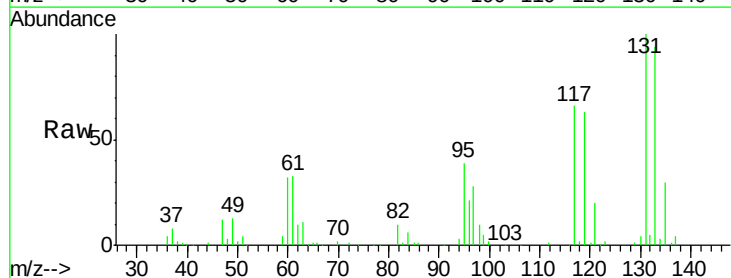
Instrument :
MSVOA_X
ClientSampled :

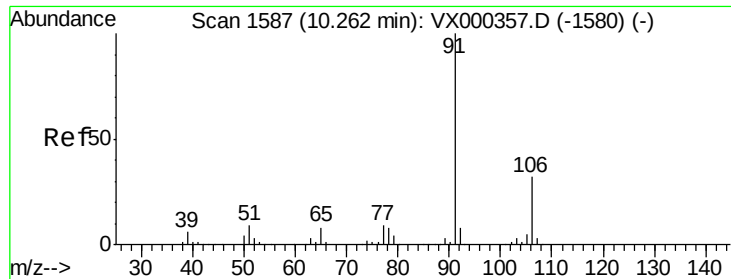
Tot Ion:112 Resp: 100296
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.130 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion:131 Resp: 35022
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.3
119 65.6 33.1 99.2

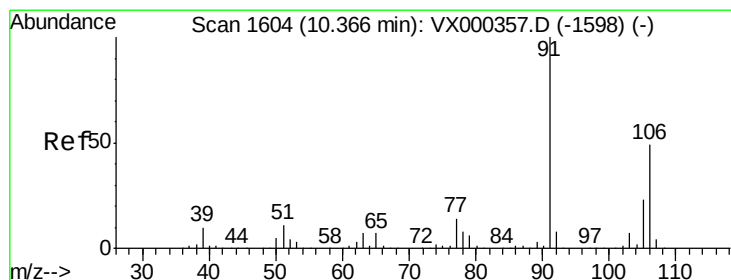
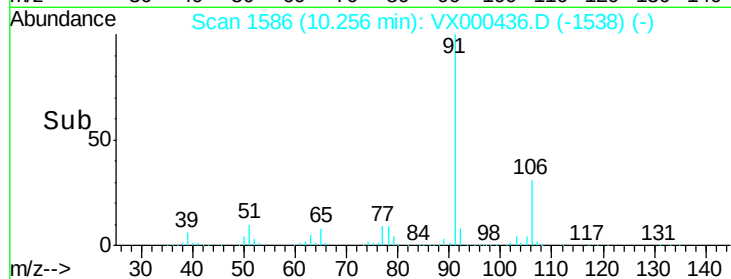
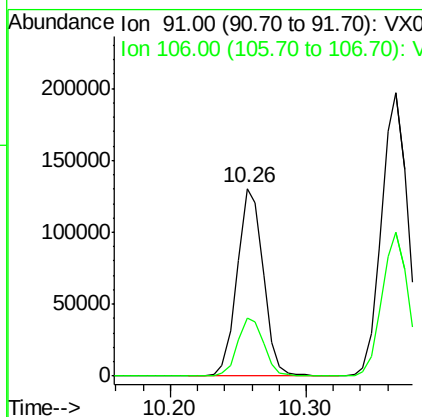
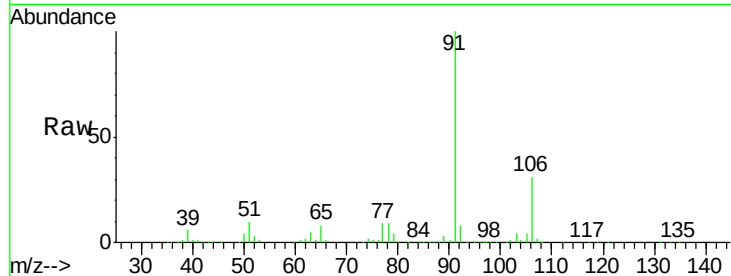




#67
Ethyl Benzene
Concen: 21.211 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

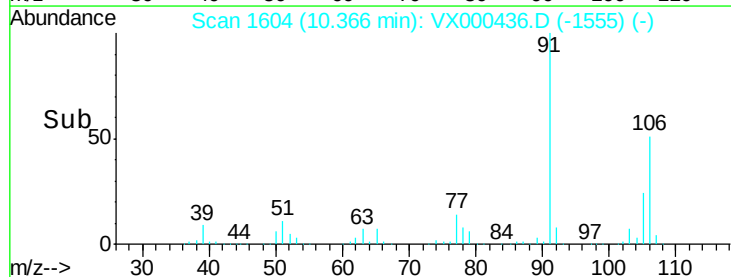
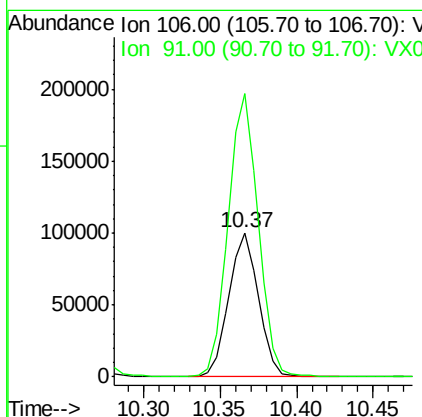
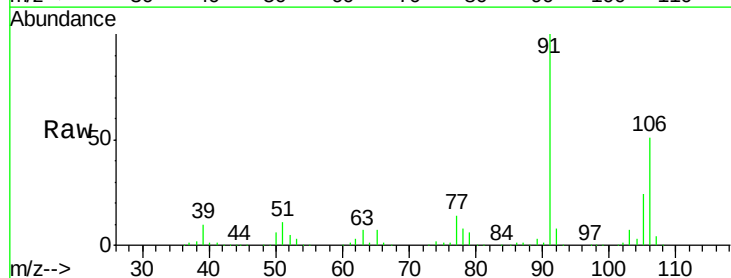
Instrument :
MSVOA_X
ClientSampled :

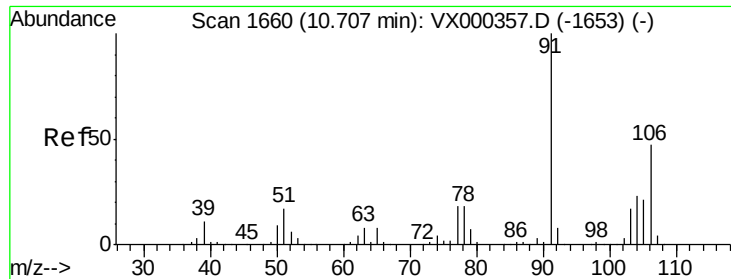
Tot Ion: 91 Resp: 175483
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6



#68
m/p-Xylenes
Concen: 41.340 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 106 Resp: 134582
Ion Ratio Lower Upper
106 100
91 198.7 163.4 245.2

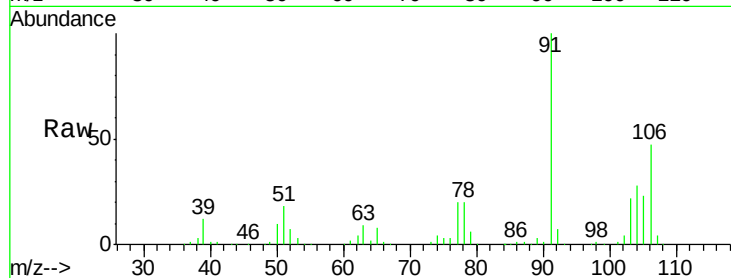




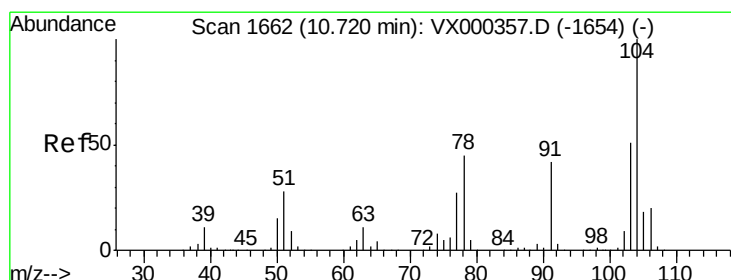
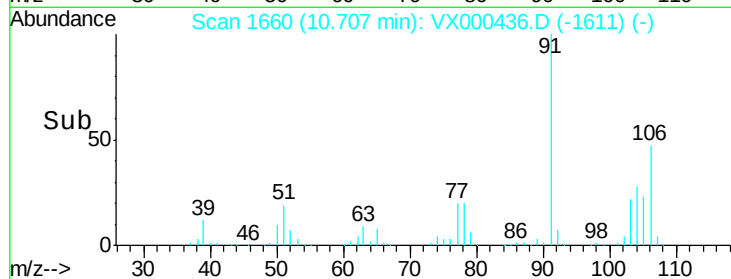
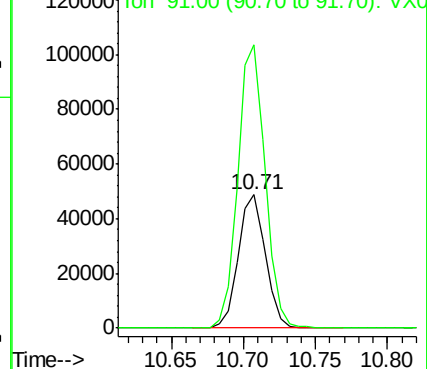
#69
o-Xylene
Concen: 20.377 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 64229
Ion Ratio Lower Upper
106 100
91 214.9 106.5 319.6

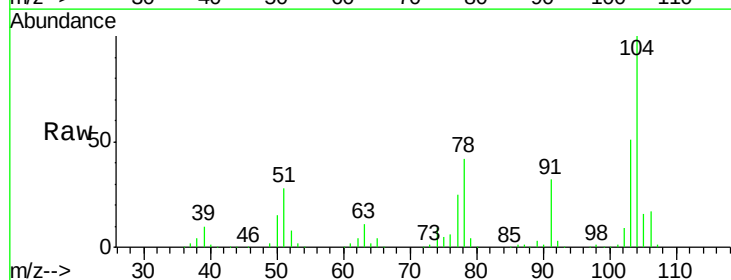


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

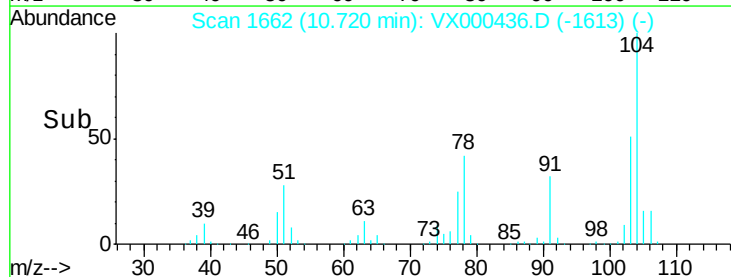
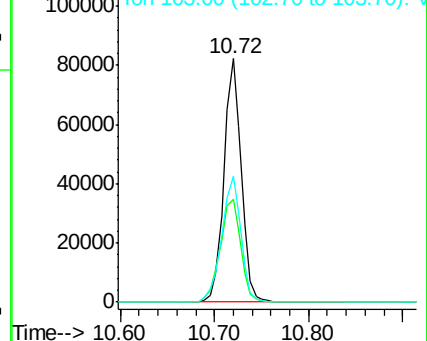


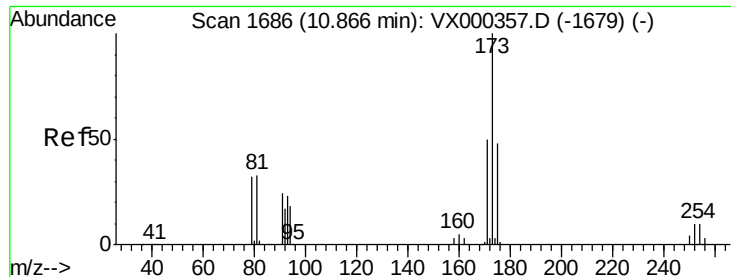
#70
Styrene
Concen: 20.092 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion:104 Resp: 104793
Ion Ratio Lower Upper
104 100
78 50.2 40.5 60.7
103 57.6 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.864 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

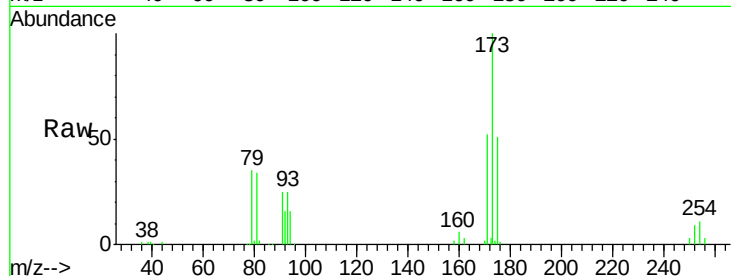
Tot Ion:173 Resp: 28819

Ion Ratio Lower Upper

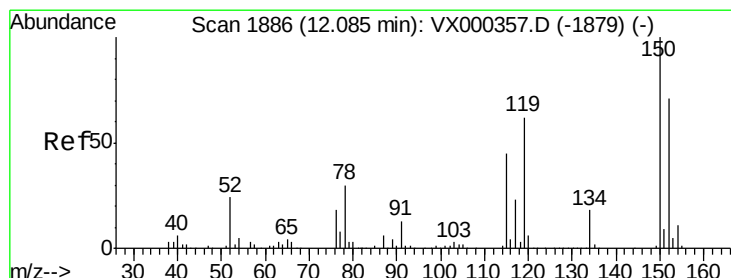
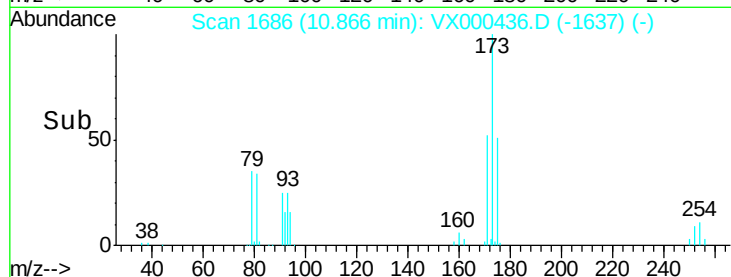
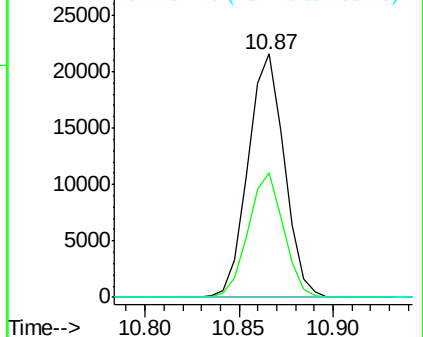
173 100

175 49.8 25.4 76.4

254 0.0 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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

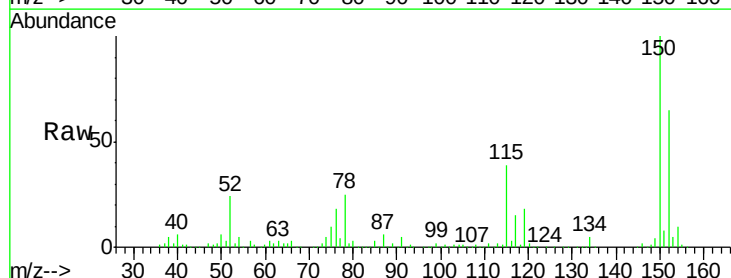
Tgt Ion:152 Resp: 124464

Ion Ratio Lower Upper

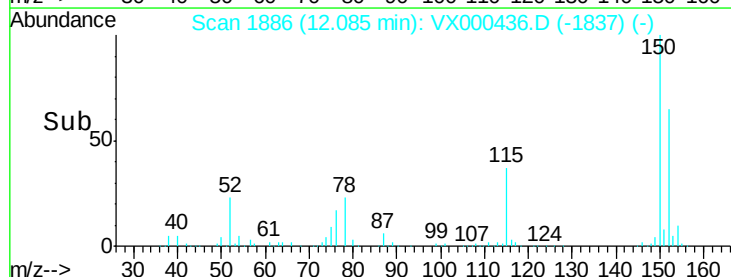
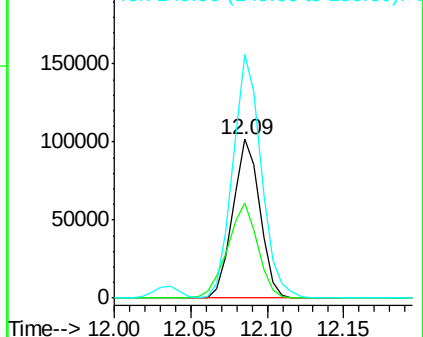
152 100

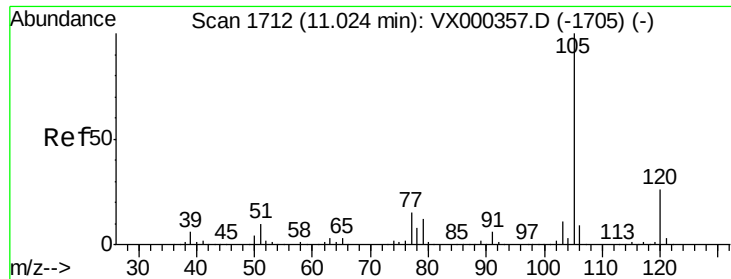
115 66.7 39.8 119.3

150 161.8 0.0 344.4



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: 21.351 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

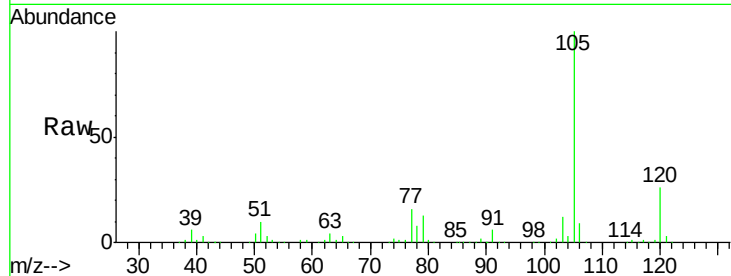
ClientSampleId :

Tot Ion:105 Resp: 176075

Ion Ratio Lower Upper

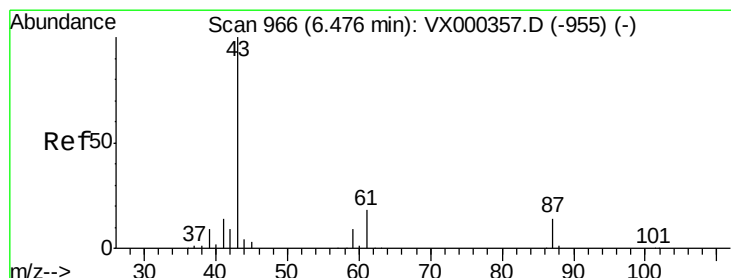
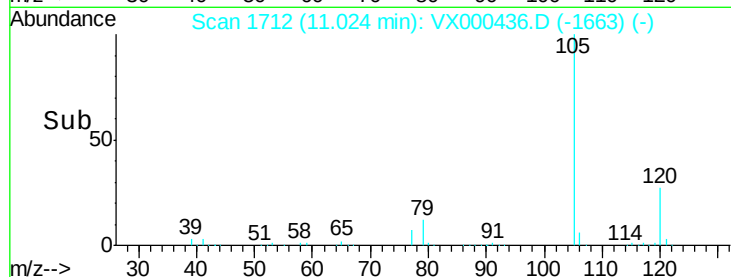
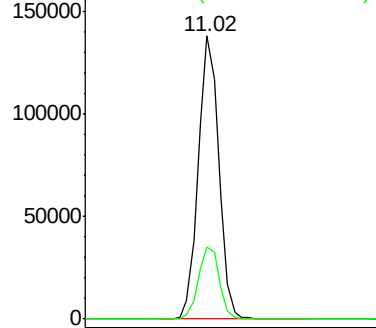
105 100

120 25.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.376 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Tgt Ion: 43 Resp: 86973

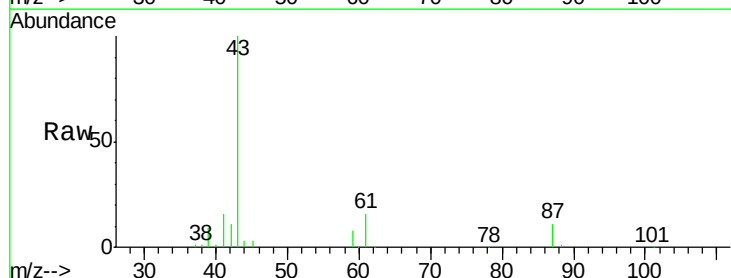
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.4 14.4 21.6

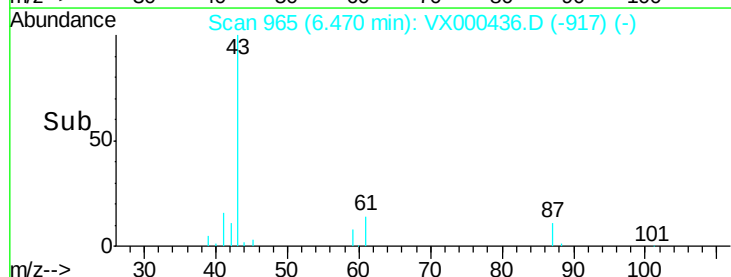
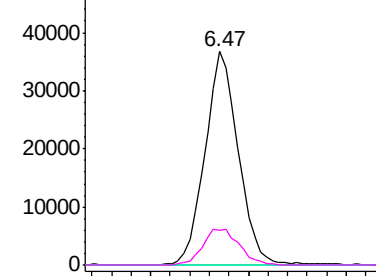


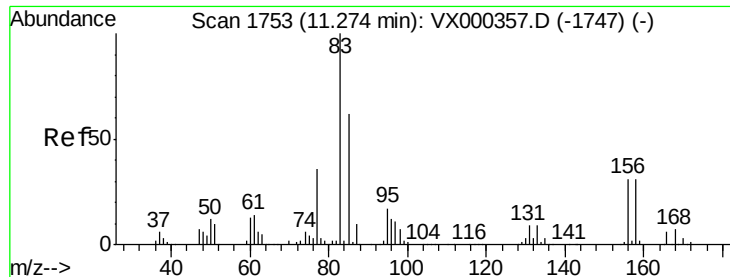
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.326 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

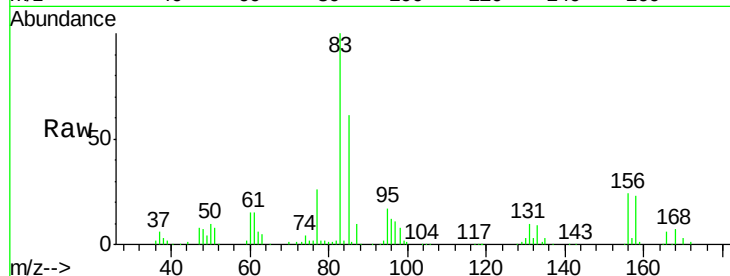
Tot Ion: 83 Resp: 65120

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

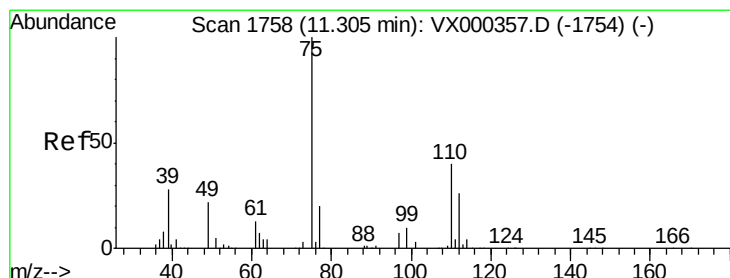
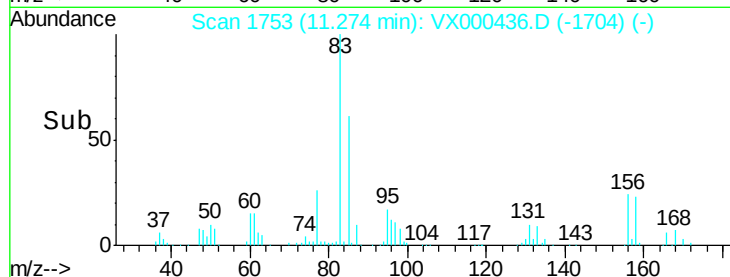
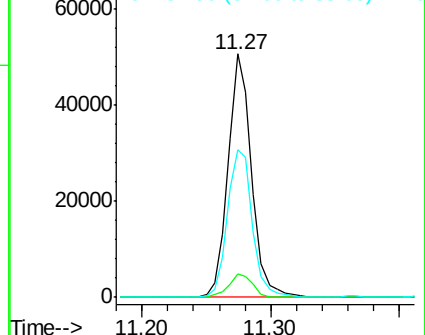
85 64.5 32.5 97.5



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: 28.634 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000436.D

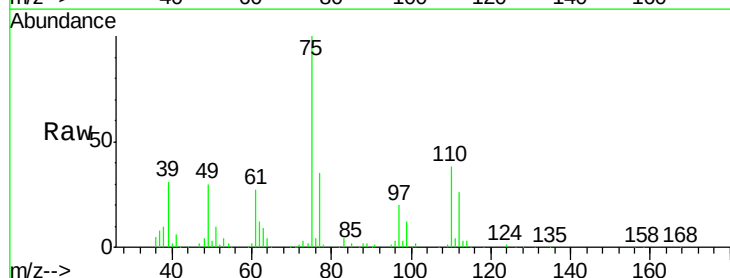
Acq: 26 Mar 2018 13:05

Tgt Ion: 75 Resp: 76592

Ion Ratio Lower Upper

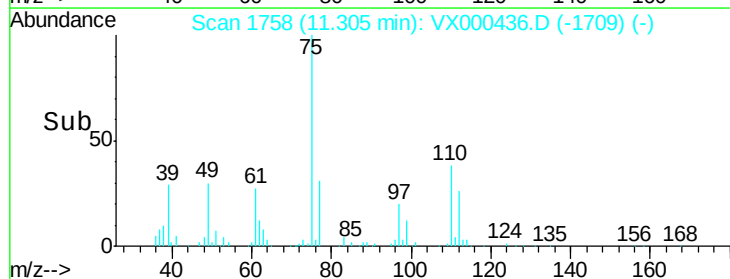
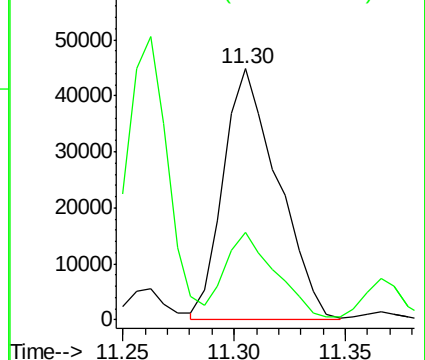
75 100

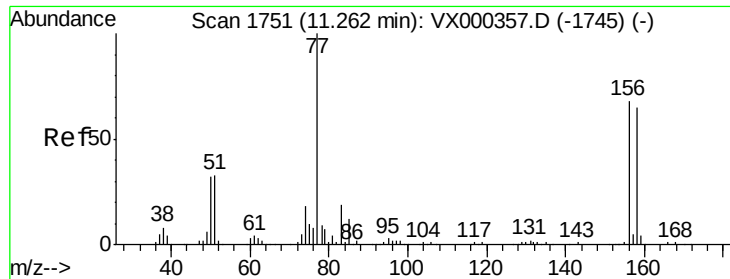
77 32.3 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.216 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

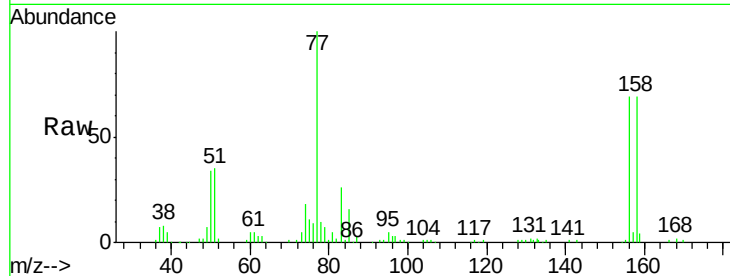
Tot Ion:156 Resp: 44412

Ion Ratio Lower Upper

156 100

77 148.2 73.4 220.2

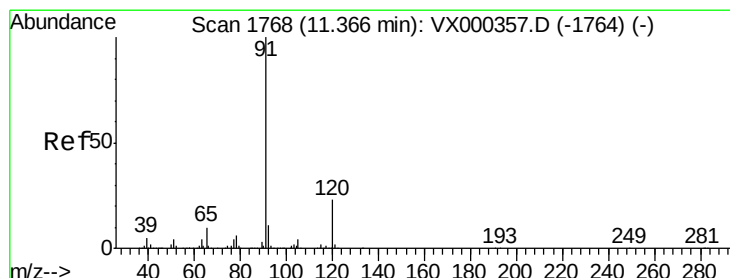
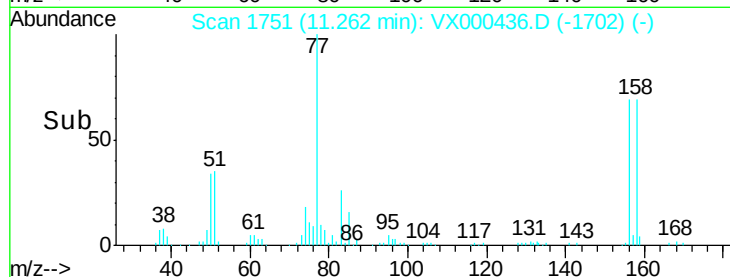
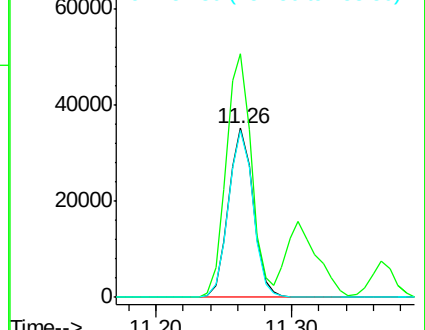
158 98.2 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.506 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000436.D

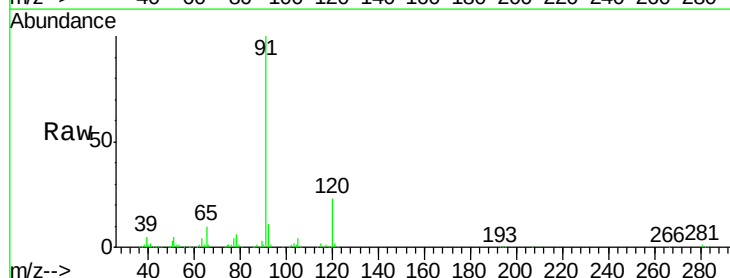
Acq: 26 Mar 2018 13:05

Tgt Ion: 91 Resp: 211467

Ion Ratio Lower Upper

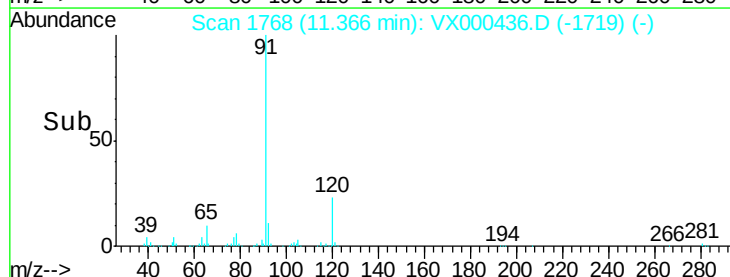
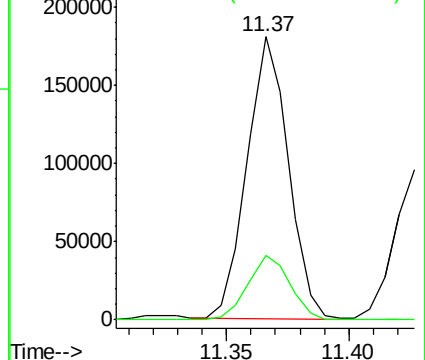
91 100

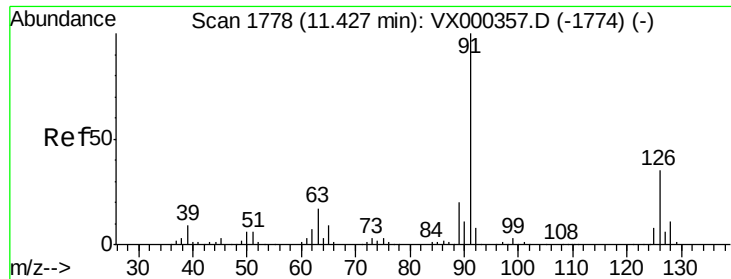
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

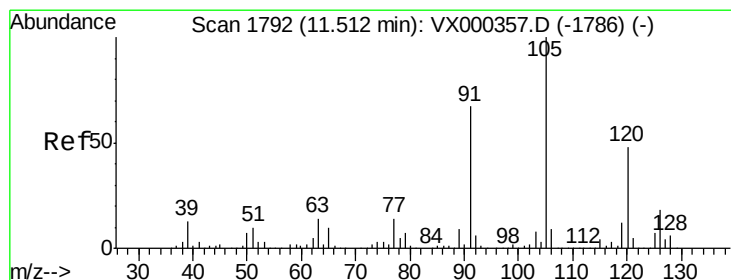
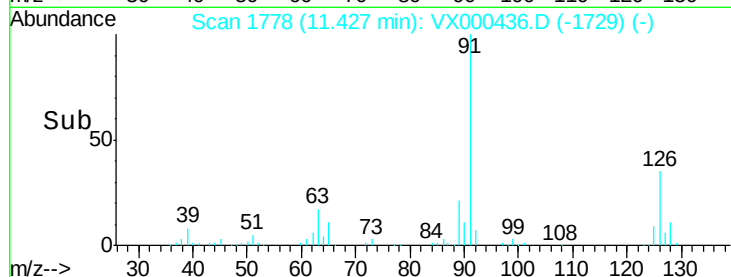
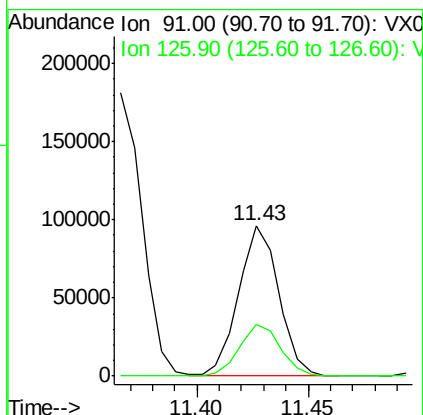
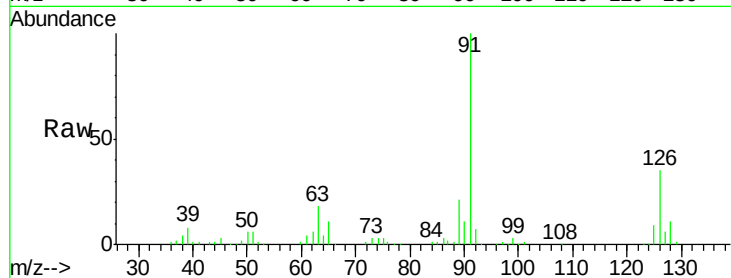




#79
 2-Chlorotoluene
 Concen: 21.238 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

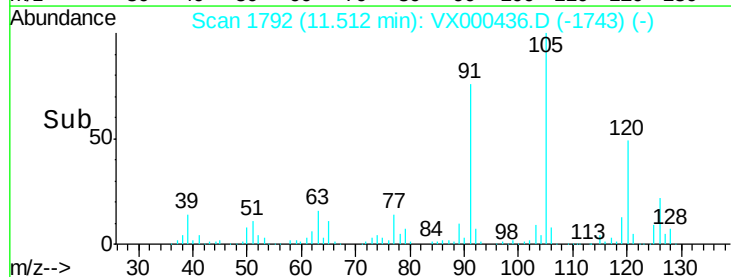
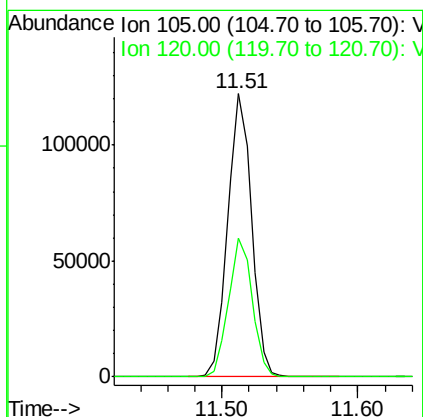
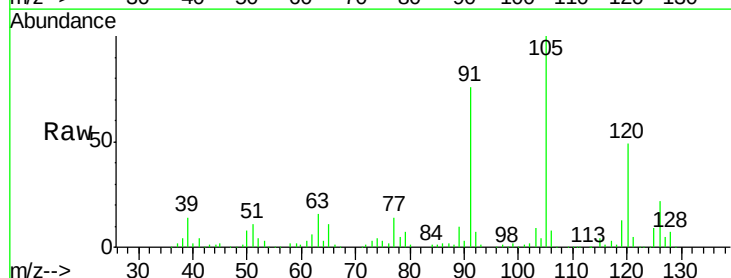
Instrument :
 MSVOA_X
 ClientSampled :

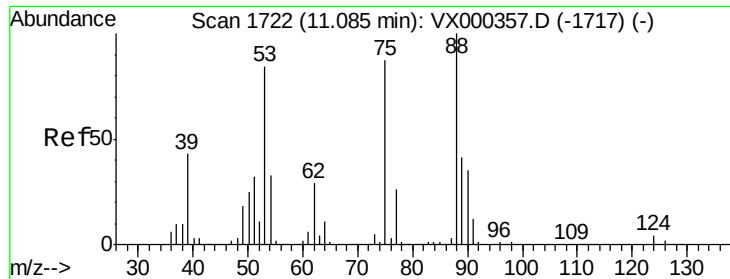
Tot Ion: 91 Resp: 120645
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.419 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion: 105 Resp: 148521
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.4

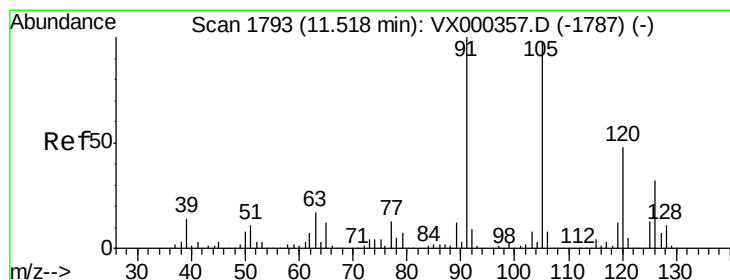
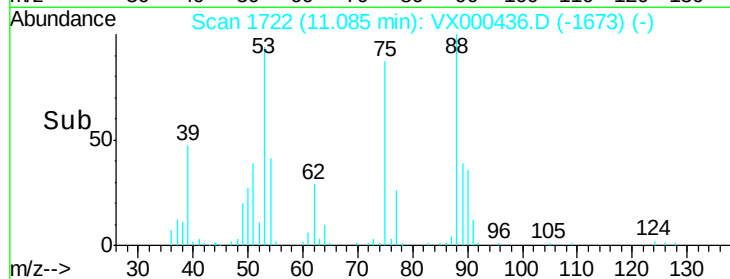
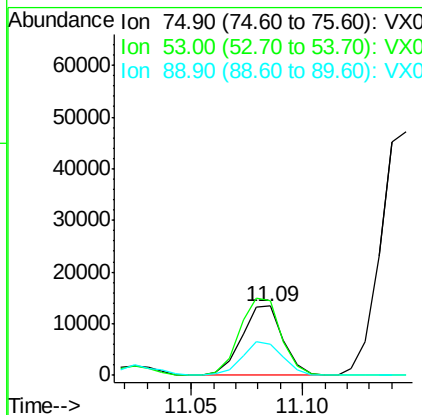
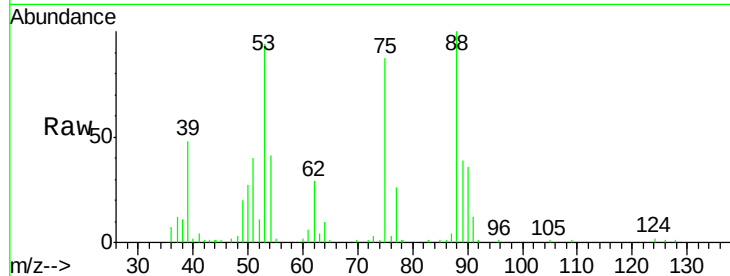




#81
trans-1,4-Dichloro-2-butene
Concen: 20.869 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

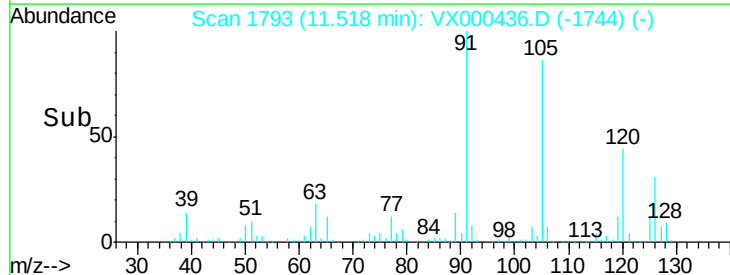
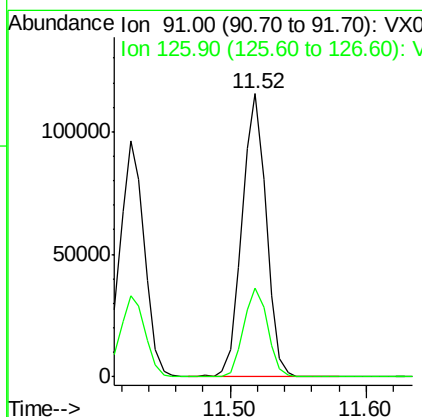
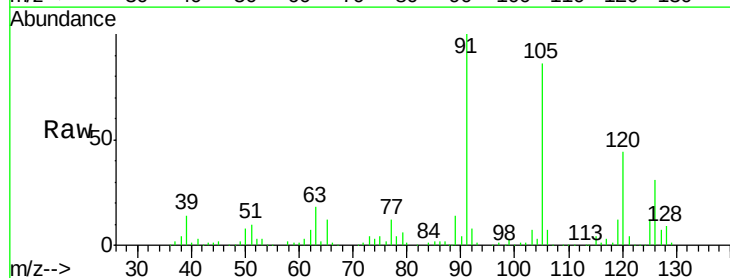
Instrument :
MSVOA_X
ClientSampled :

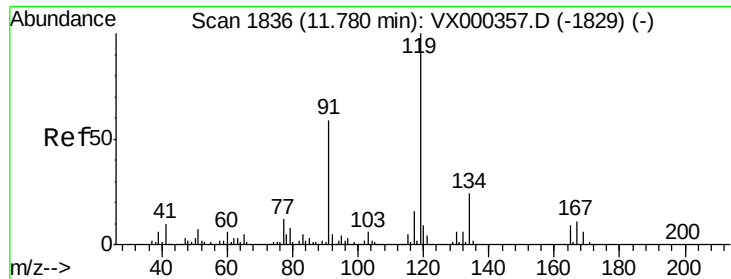
Tot Ion: 75 Resp: 17242
Ion Ratio Lower Upper
75 100
53 112.5 80.7 121.1
89 48.0 39.4 59.0



#82
4-Chlorotoluene
Concen: 21.158 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 91 Resp: 143508
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.1

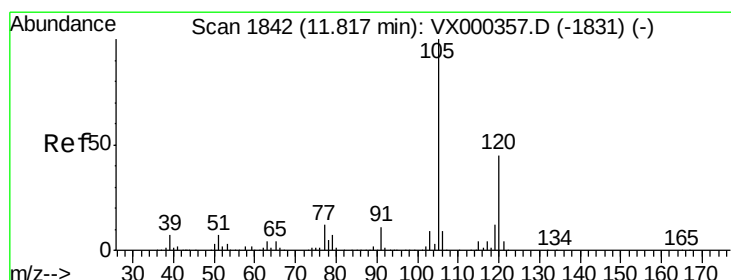
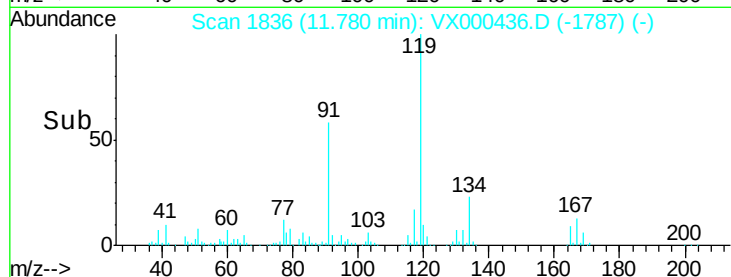
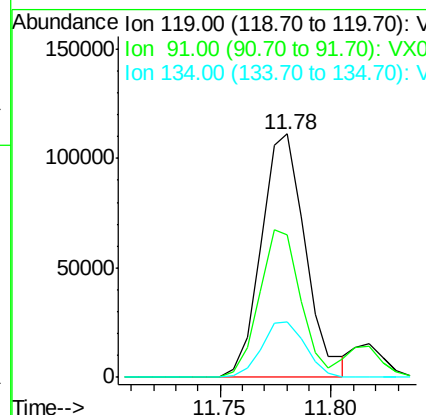
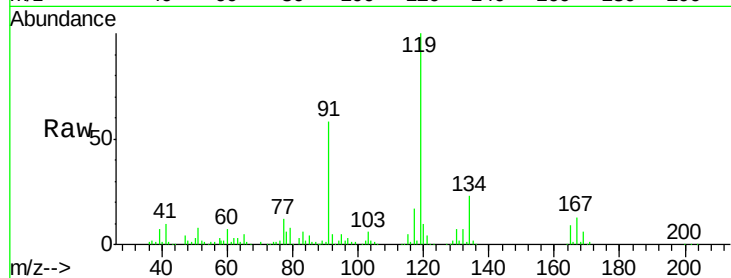




#83
tert-Butylbenzene
Concen: 21.945 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

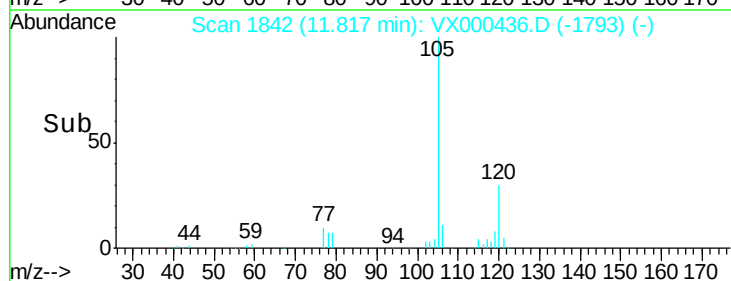
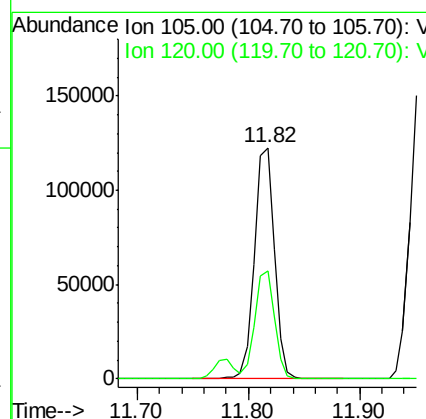
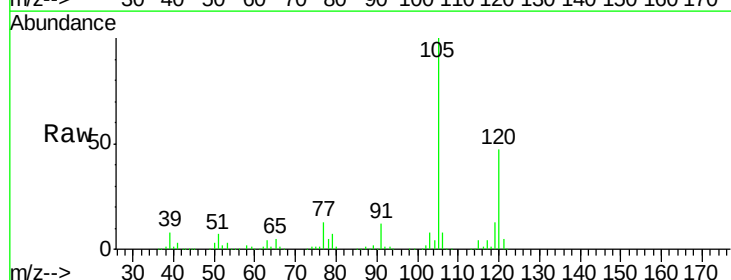
Instrument :
MSVOA_X
ClientSampled :

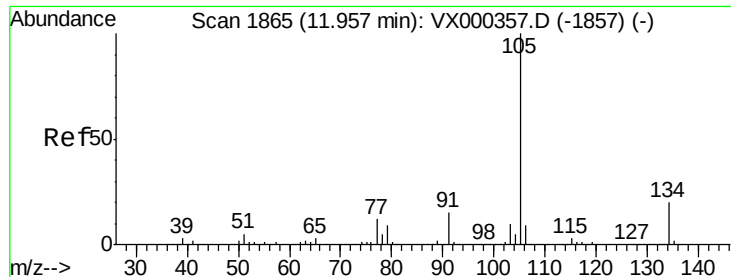
Tot Ion:119 Resp: 153462
Ion Ratio Lower Upper
119 100
91 56.9 28.8 86.4
134 22.5 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 21.126 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion:105 Resp: 153583
Ion Ratio Lower Upper
105 100
120 45.8 22.4 67.3





#85

sec-Butylbenzene

Concen: 21.767 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

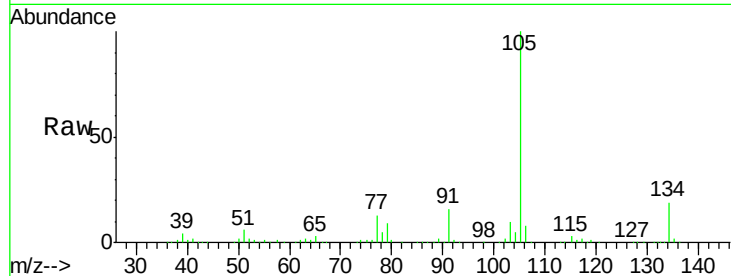
ClientSampleId :

Tot Ion:105 Resp: 188354

Ion Ratio Lower Upper

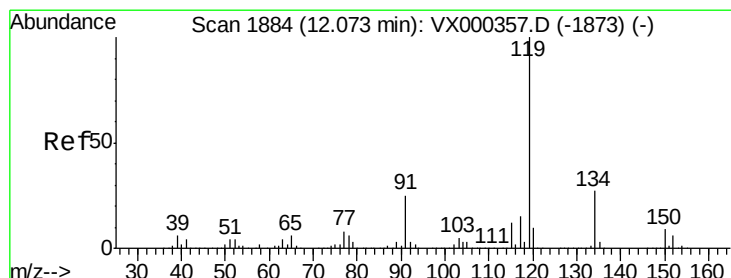
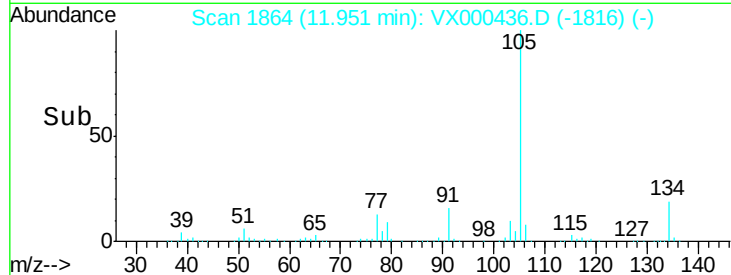
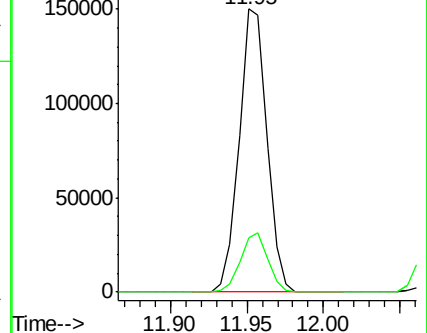
105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.525 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

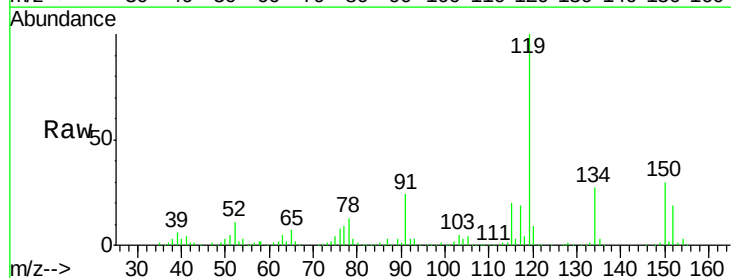
Tgt Ion:119 Resp: 165413

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

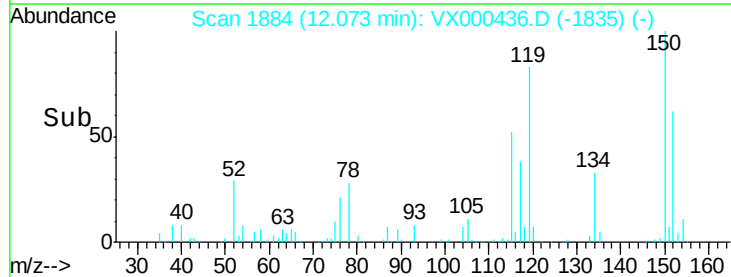
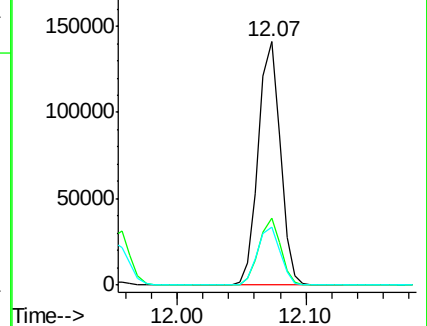
91 24.8 12.0 36.1

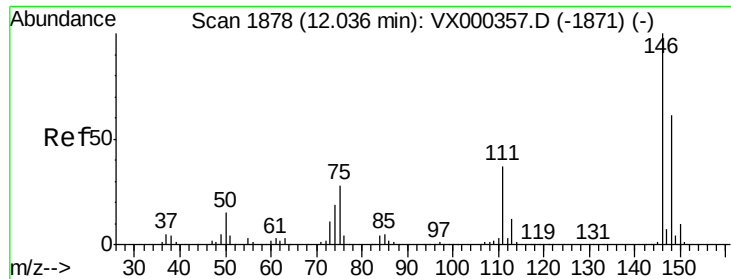


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

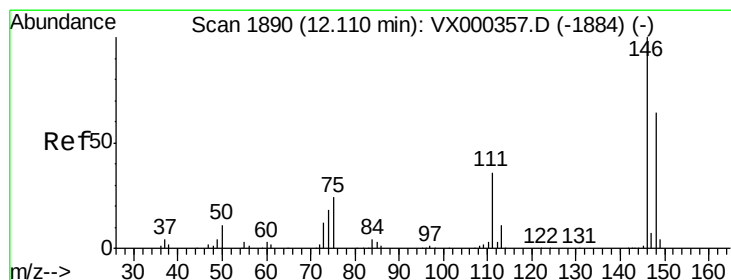
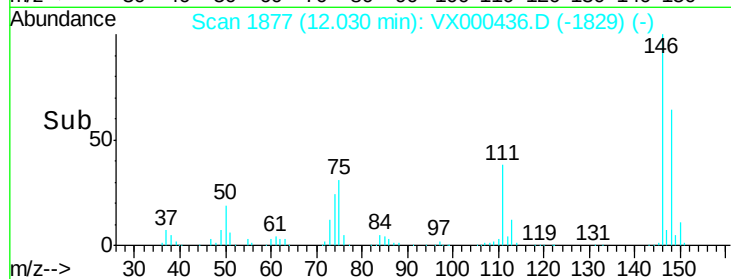
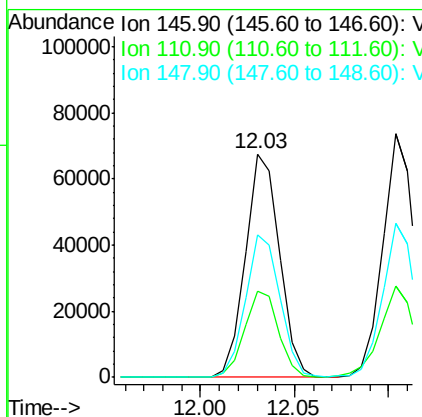
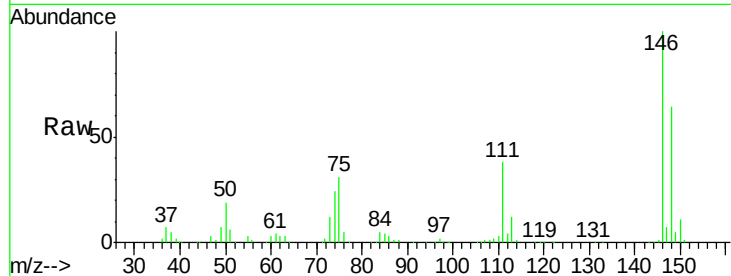




#87
 1,3-Dichlorobenzene
 Concen: 20.432 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

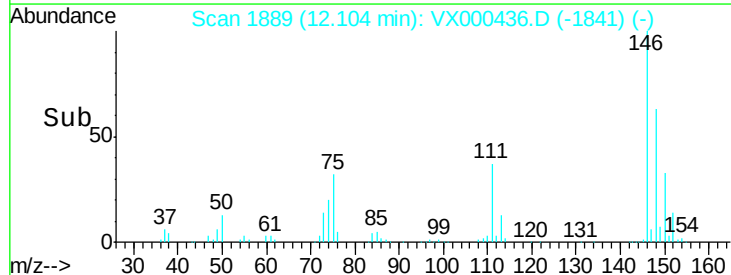
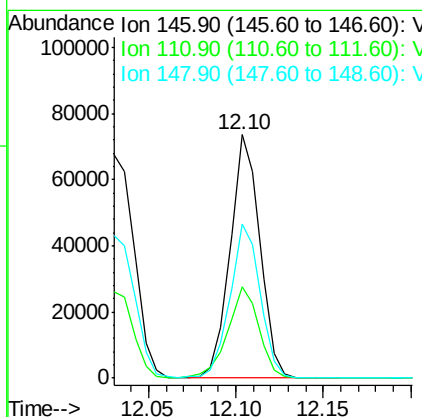
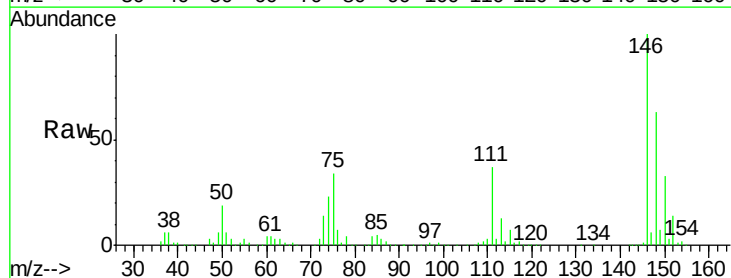
Instrument :
 MSVOA_X
 ClientSampled :

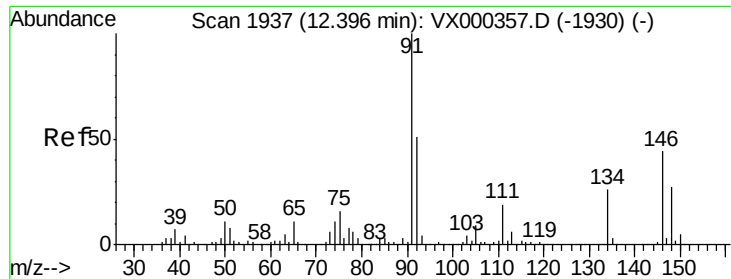
Tot Ion:146 Resp: 84869
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.5 58.5
 148 64.2 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.956 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion:146 Resp: 87026
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.9 56.9
 148 64.6 31.0 93.0





#89

n-Butylbenzene

Concen: 21.776 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

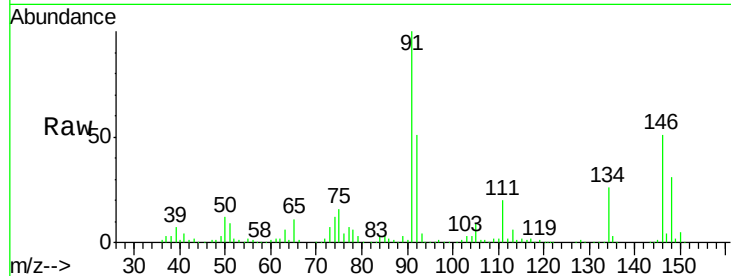
Tot Ion: 91 Resp: 155811

Ion Ratio Lower Upper

91 100

92 51.1 25.9 77.8

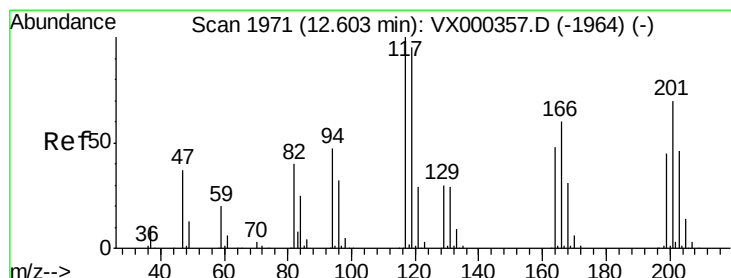
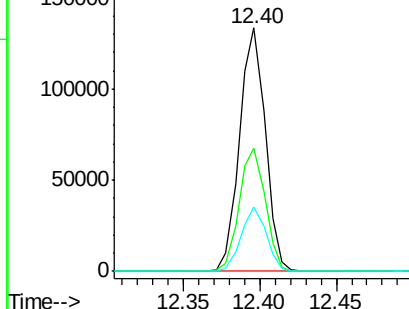
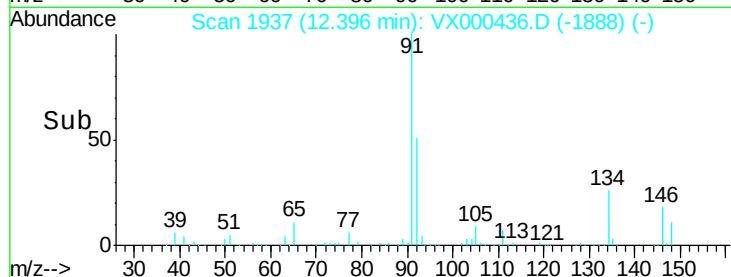
134 25.8 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000436.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000436.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000436.D (-1930) (-)



#90

Hexachloroethane

Concen: 21.509 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000436.D

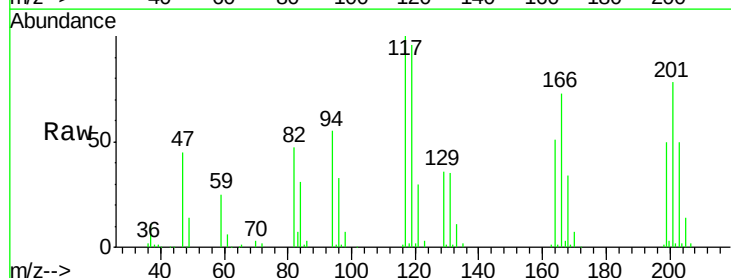
Acq: 26 Mar 2018 13:05

Tgt Ion: 117 Resp: 26017

Ion Ratio Lower Upper

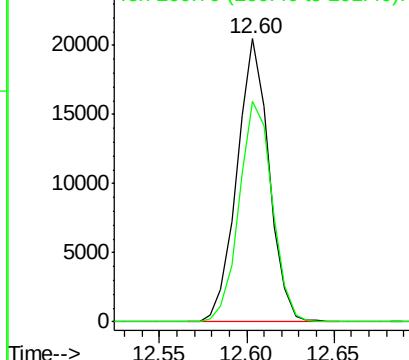
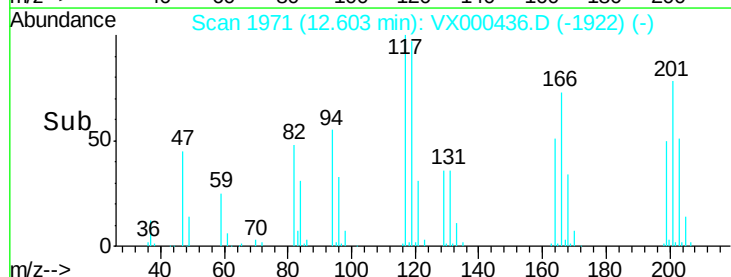
117 100

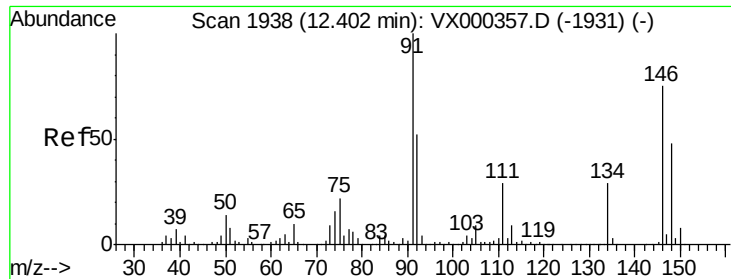
201 80.4 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000436.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000436.D (-1964) (-)

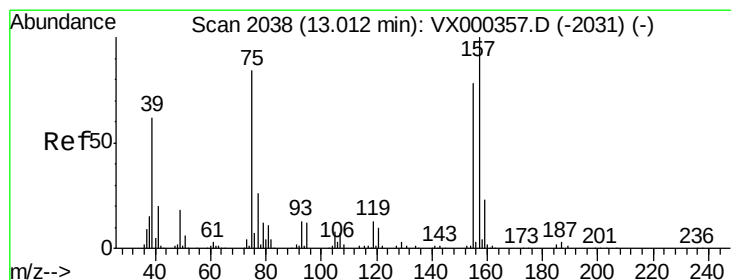
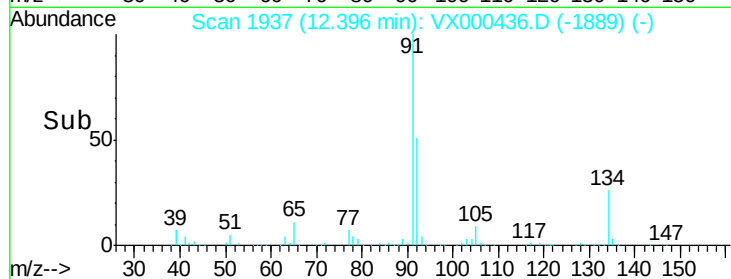
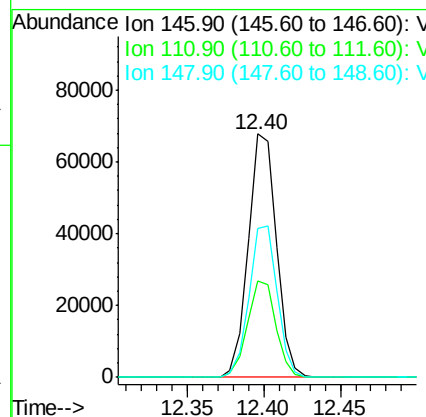
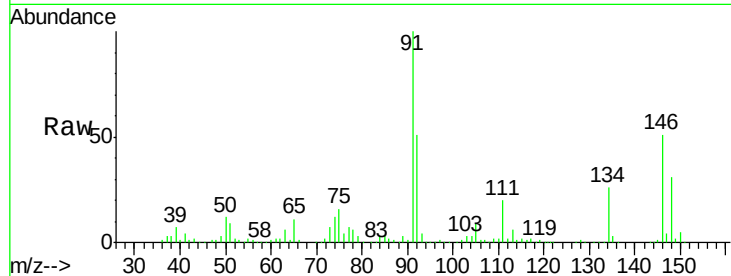




#91
 1,2-Dichlorobenzene
 Concen: 21.291 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

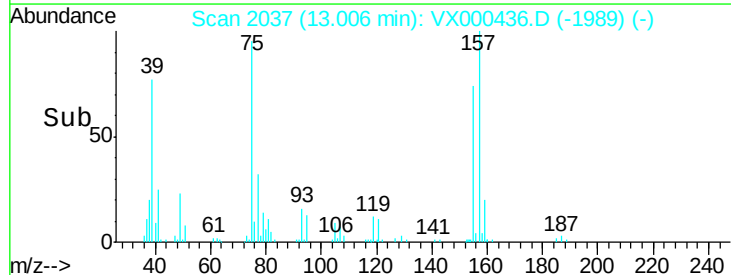
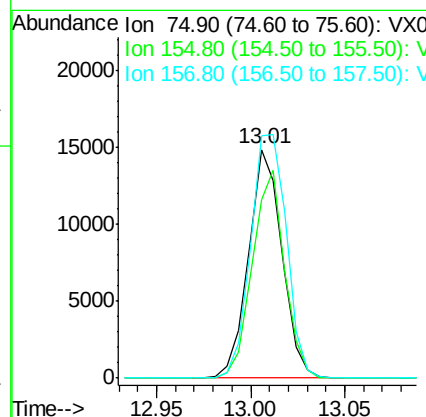
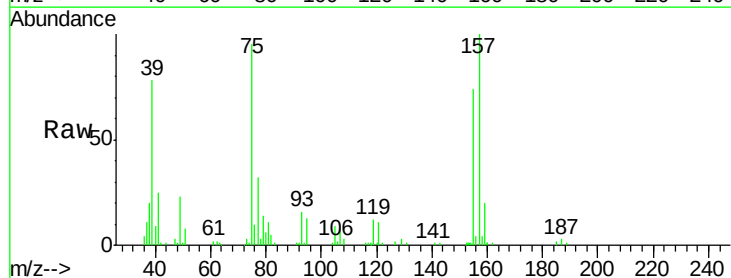
Instrument :
 MSVOA_X
 ClientSampleId :

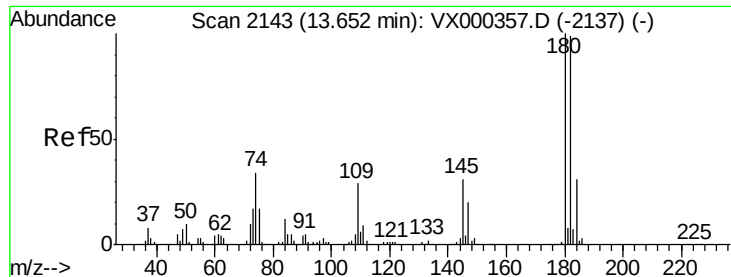
Tot Ion:146 Resp: 86702
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.1 60.2
 148 62.2 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.524 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion: 75 Resp: 18323
 Ion Ratio Lower Upper
 75 100
 155 87.0 45.0 134.8
 157 113.6 58.1 174.2

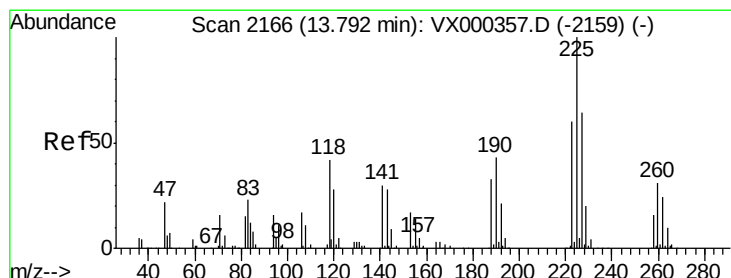
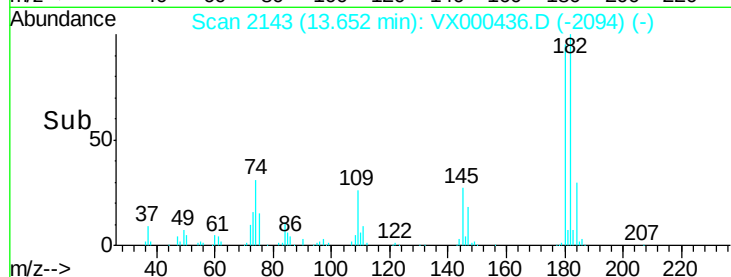
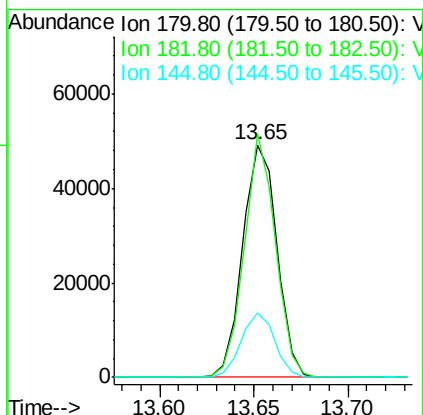
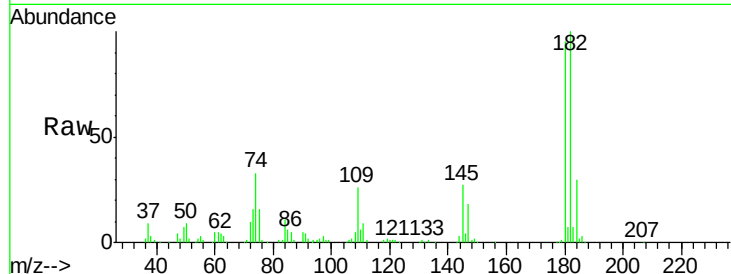




#93
 1,2,4-Trichlorobenzene
 Concen: 21.208 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

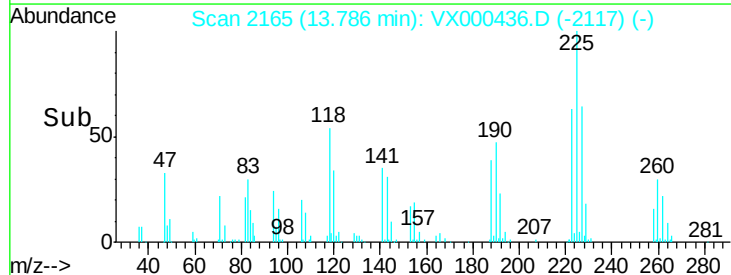
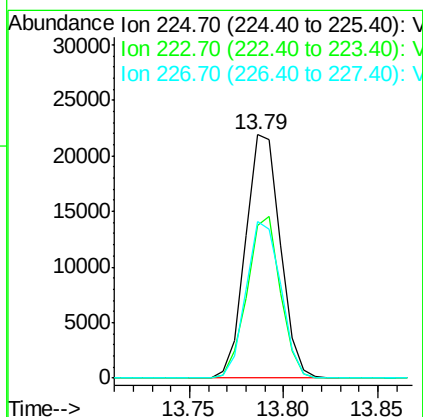
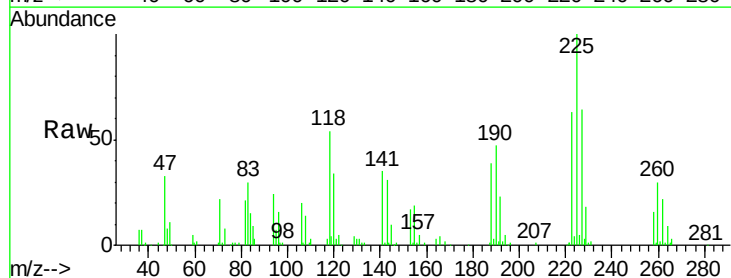
Instrument :
 MSVOA_X
 ClientSampleId :

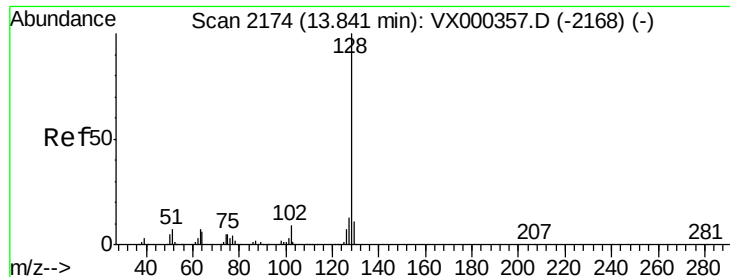
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.9
145	27.5	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 23.204 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.0	96.0
227	64.2	32.6	98.0

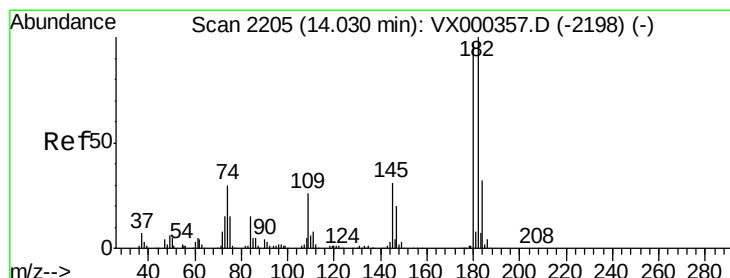
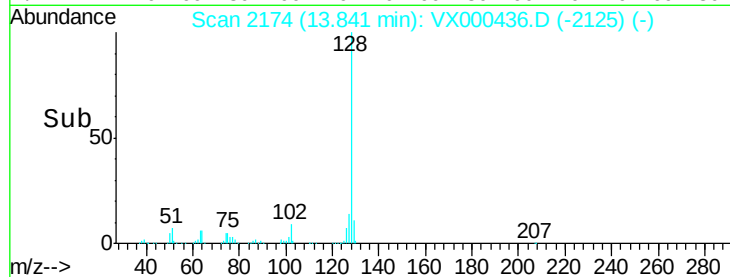
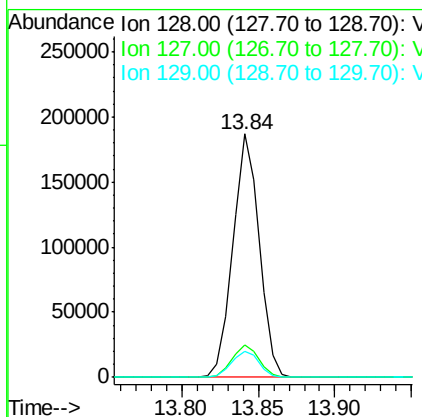
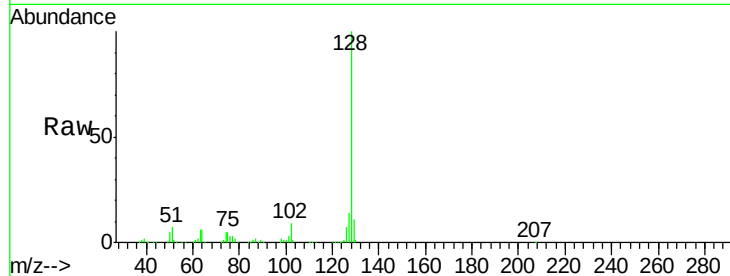




#95
Naphthalene
Concen: 21.844 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 222149
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 22.023 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion:180 Resp: 63531
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.3
145 30.0 15.8 47.3

