

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000437.D
 Acq On : 26 Mar 2018 13:41
 Operator : JC/MD
 Sample : VX0326WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 05:50:58 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	130042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	204907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	207268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115672	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	84912	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	5.51	113	66458	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	8.72	98	262325	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.15	95	97673	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28671	20.005	ug/l	98
3) Chloromethane	1.32	50	25711	17.029	ug/l	99
4) Vinyl Chloride	1.40	62	32200	20.183	ug/l	98
5) Bromomethane	1.64	94	18289	9.613	ug/l	99
6) Chloroethane	1.73	64	21435	23.664	ug/l	99
7) Trichlorofluoromethane	1.93	101	59608	20.701	ug/l	100
8) Diethyl Ether	2.19	74	21342	20.740	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34253	21.333	ug/l	99
10) Methyl Iodide	2.52	142	11572	10.927	ug/l	99
11) Tert butyl alcohol	3.06	59	63460	108.683	ug/l	99
12) 1,1-Dichloroethene	2.38	96	28908	20.509	ug/l	96
13) Acrolein	2.30	56	15904	94.910	ug/l	99
14) Allyl chloride	2.73	41	54030	21.645	ug/l	99
15) Acrylonitrile	3.15	53	125236	105.897	ug/l	100
16) Acetone	2.45	43	157679	111.662	ug/l	98
17) Carbon Disulfide	2.57	76	71478	19.073	ug/l	97
18) Methyl Acetate	2.78	43	66630	22.507	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	113861	21.841	ug/l	99
20) Methylene Chloride	2.86	84	34167	20.948	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	30121	19.157	ug/l	91
22) Diisopropyl ether	3.87	45	107139	24.315	ug/l	99
23) Vinyl Acetate	3.83	43	505575	121.034	ug/l	99
24) 1,1-Dichloroethane	3.70	63	58778	21.217	ug/l	98
25) 2-Butanone	4.71	43	167925	105.797	ug/l	98
26) 2,2-Dichloropropane	4.59	77	40651	20.936	ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	29903	20.349	ug/l	99
28) Bromochloromethane	5.03	49	22305	19.525	ug/l	98
29) Tetrahydrofuran	5.18	42	99245	101.626	ug/l	99
30) Chloroform	5.22	83	55272	21.288	ug/l	99
31) Cyclohexane	5.58	56	41427	19.344	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	48039	20.510	ug/l	97
36) 1,1-Dichloropropene	5.81	75	38999	20.318	ug/l	99
37) Ethyl Acetate	4.87	43	53745	20.499	ug/l	98
38) Carbon Tetrachloride	5.79	117	40017	19.873	ug/l	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	48494	20.775	ug/l	95
40) Benzene	6.15	78	117519	21.084	ug/l	98
41) Methacrylonitrile	5.07	41	29323	21.214	ug/l	98
42) 1,2-Dichloroethane	6.21	62	47267	21.613	ug/l	100
43) Isopropyl Acetate	6.48	43	83556	21.410	ug/l	99
44) Trichloroethene	7.22	130	33538	21.002	ug/l	100
45) 1,2-Dichloropropane	7.52	63	31700	22.218	ug/l	97
46) Dibromomethane	7.67	93	24096	21.516	ug/l	97
47) Bromodichloromethane	7.91	83	44820	22.747	ug/l	99
48) Methyl methacrylate	7.79	41	41080	21.681	ug/l	98
49) 1,4-Dioxane	7.76	88	16949	425.571	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	335977	111.220	ug/l	98
52) Toluene	8.79	92	81300	20.864	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	50392	22.070	ug/l	94
54) cis-1,3-Dichloropropene	9.05	75	48458	21.880	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	35438	22.115	ug/l	97
56) Ethyl methacrylate	9.19	69	51773	21.321	ug/l	98
57) 1,3-Dichloropropane	9.38	76	56498	22.043	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	117411	100.747	ug/l	97
59) 2-Hexanone	9.51	43	281161	109.613	ug/l	98
60) Dibromochloromethane	9.59	129	36162	21.616	ug/l	99
61) 1,2-Dibromoethane	9.68	107	37210	21.653	ug/l	98
64) Tetrachloroethene	9.34	164	34481	21.438	ug/l	92
65) Chlorobenzene	10.15	112	95212	20.641	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	33752	21.545	ug/l	96
67) Ethyl Benzene	10.26	91	162275	20.753	ug/l	98
68) m/p-Xylenes	10.37	106	128132	41.643	ug/l	98
69) o-Xylene	10.71	106	59359	19.925	ug/l	97
70) Styrene	10.72	104	98702	20.023	ug/l	100
71) Bromoform	10.87	173	28329	20.469	ug/l #	97
73) Isopropylbenzene	11.02	105	169155	22.071	ug/l	100
74) N-amyl acetate	6.48	43	83556	23.250	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	63640	23.477	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	70905	28.523	ug/l	84
77) Bromobenzene	11.26	156	42026	20.584	ug/l	98
78) n-propylbenzene	11.37	91	199967	21.882	ug/l	99
79) 2-Chlorotoluene	11.43	91	111992	21.214	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	141761	21.998	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16706	21.757	ug/l	94
82) 4-Chlorotoluene	11.52	91	134704	21.370	ug/l	99
83) tert-Butylbenzene	11.78	119	140189	21.570	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	146682	21.710	ug/l	99
85) sec-Butylbenzene	11.95	105	175072	21.770	ug/l	98
86) p-Isopropyltoluene	12.07	119	155206	21.732	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	80740	20.915	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	81010	19.988	ug/l	97
89) n-Butylbenzene	12.40	91	140594	21.143	ug/l	100
90) Hexachloroethane	12.60	117	25416	22.609	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	81099	21.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16254	21.500	ug/l	97

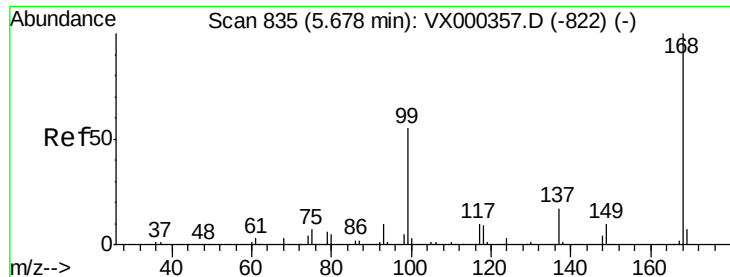
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	59224	21.828	ug/l	96
94) Hexachlorobutadiene	13.79	225	25994	23.138	ug/l	99
95) Naphthalene	13.84	128	210952	22.320	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	57517	21.453	ug/l	97

(#) = 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: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

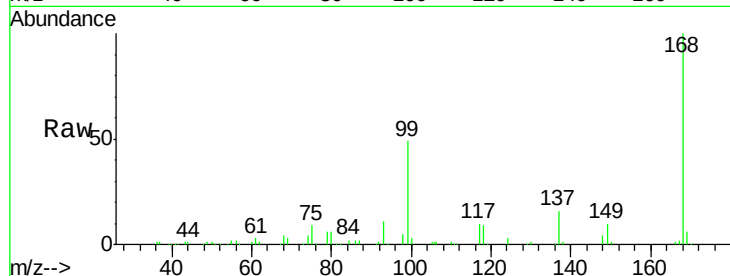
ClientSampleId :

Tot Ion:168 Resp: 130042

Ion Ratio Lower Upper

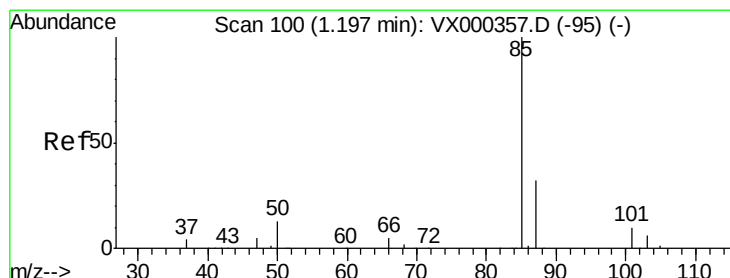
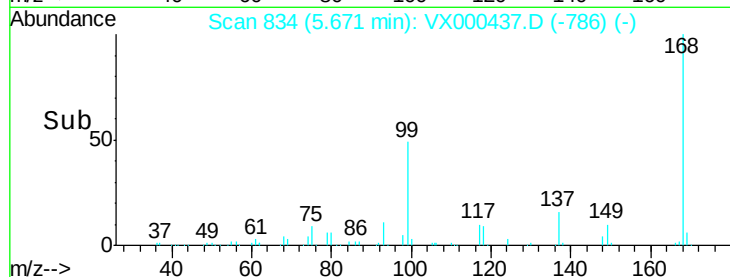
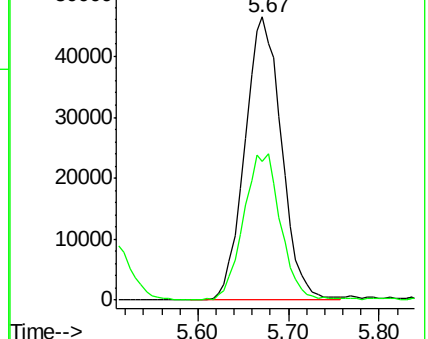
168 100

99 49.0 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: 20.005 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000437.D

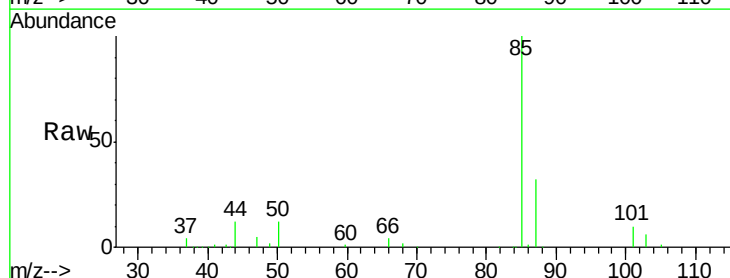
Acq: 26 Mar 2018 13:41

Tgt Ion: 85 Resp: 28671

Ion Ratio Lower Upper

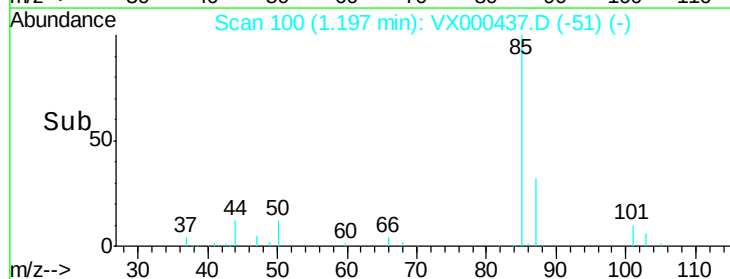
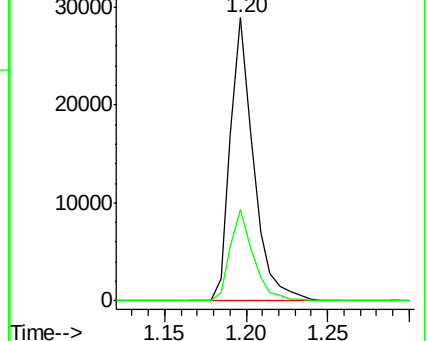
85 100

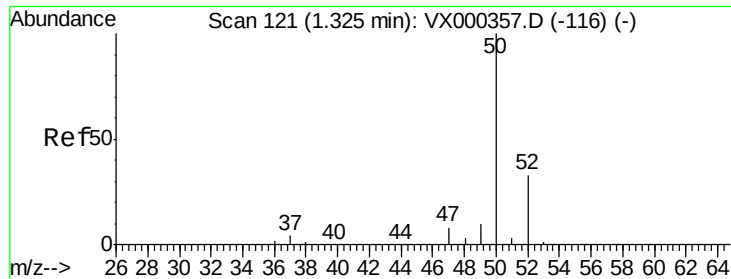
87 32.2 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.029 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

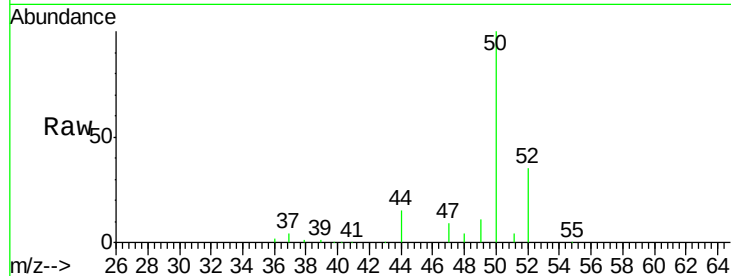
ClientSampled :

Tot Ion: 50 Resp: 25711

Ion Ratio Lower Upper

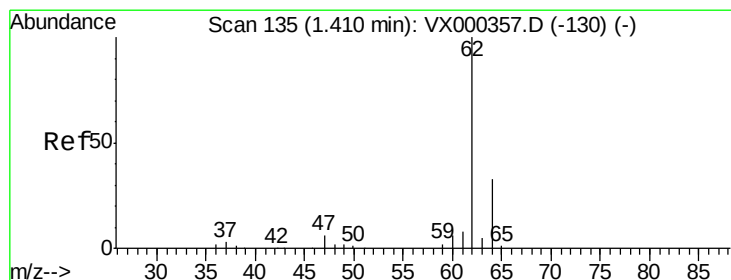
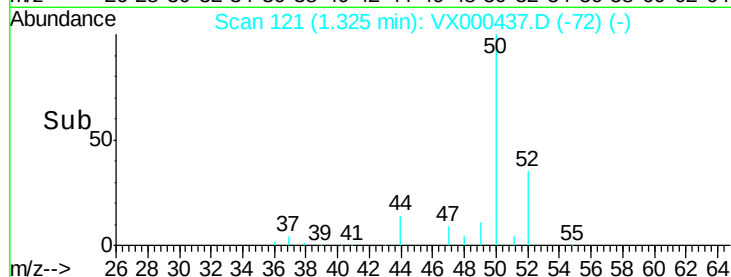
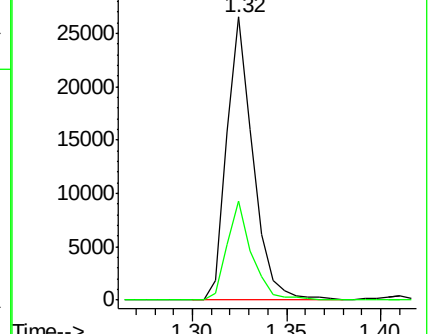
50 100

52 34.9 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.183 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000437.D

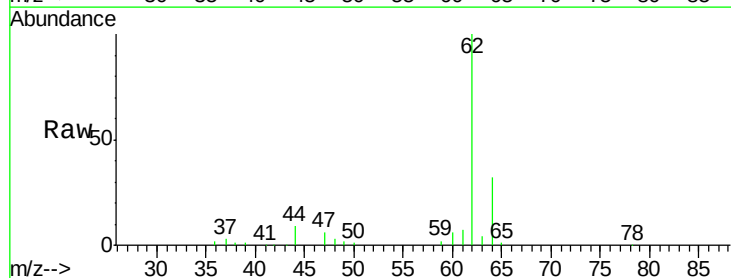
Acq: 26 Mar 2018 13:41

Tgt Ion: 62 Resp: 32200

Ion Ratio Lower Upper

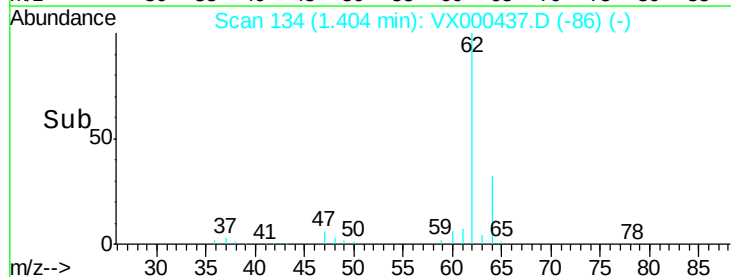
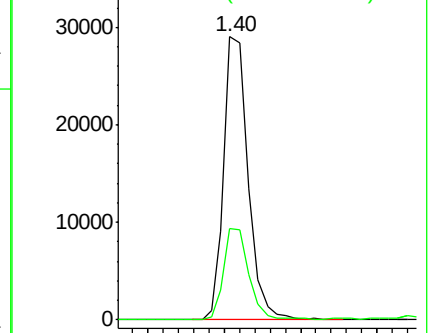
62 100

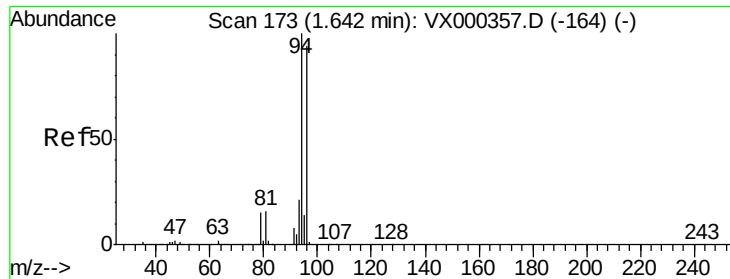
64 32.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 9.613 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

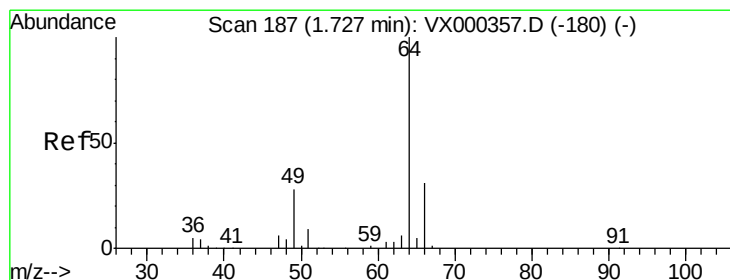
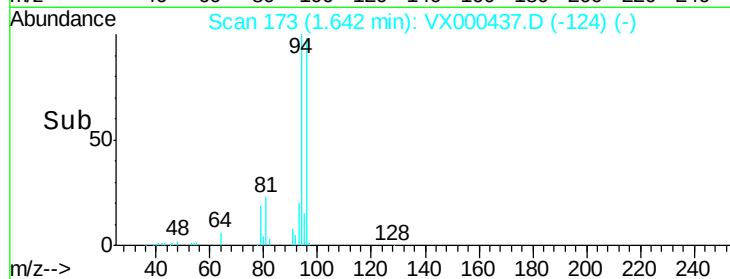
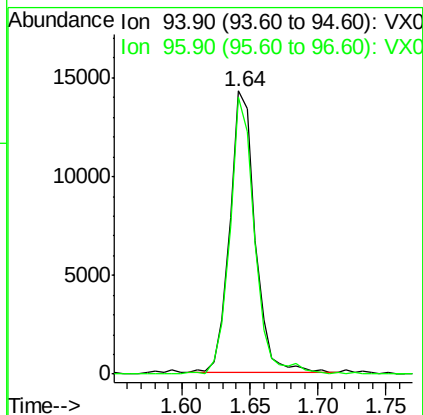
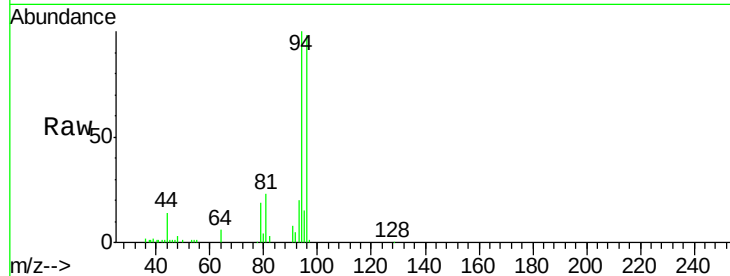
ClientSampleId :

Tot Ion: 94 Resp: 18289

Ion Ratio Lower Upper

94 100

96 98.1 77.7 116.5



#6

Chloroethane

Concen: 23.664 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000437.D

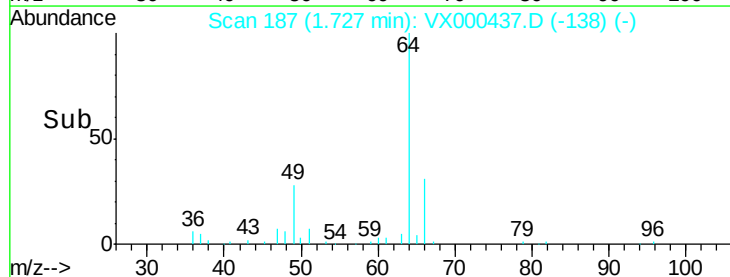
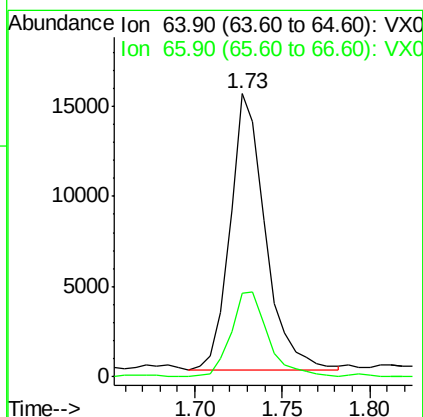
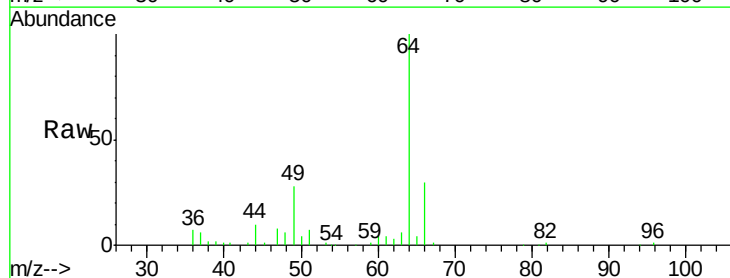
Acq: 26 Mar 2018 13:41

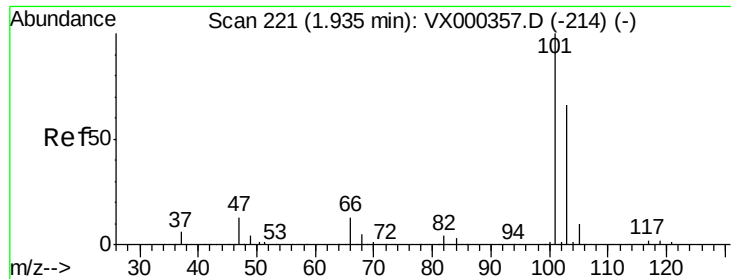
Tgt Ion: 64 Resp: 21435

Ion Ratio Lower Upper

64 100

66 30.4 24.8 37.2



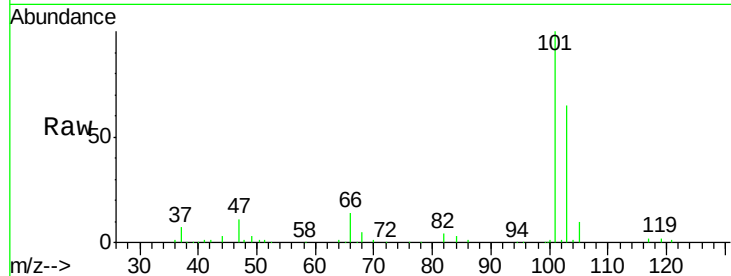


#7

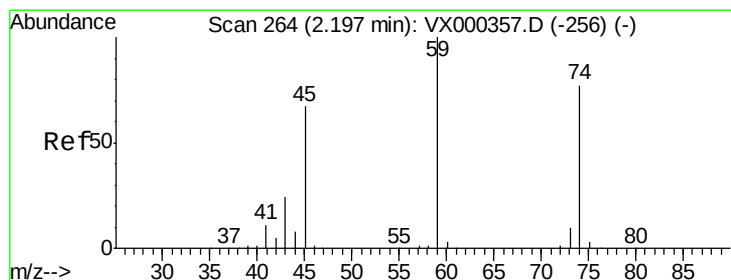
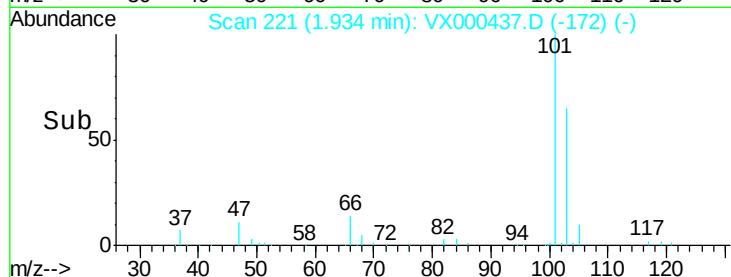
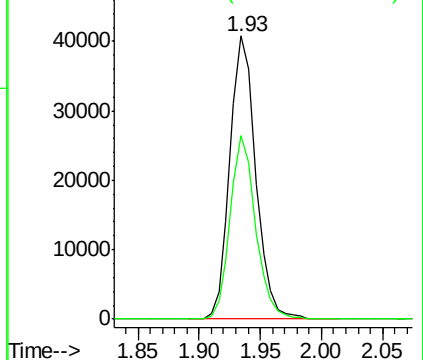
Trichlorofluoromethane
Concen: 20.701 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 59608
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4



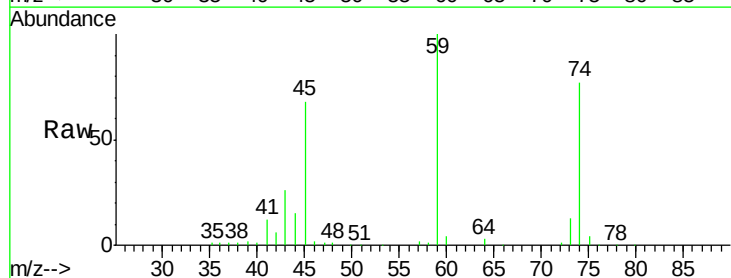
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



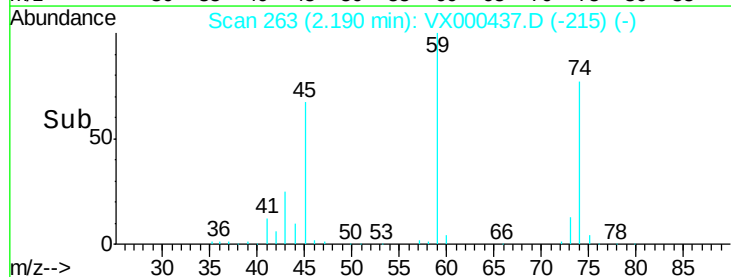
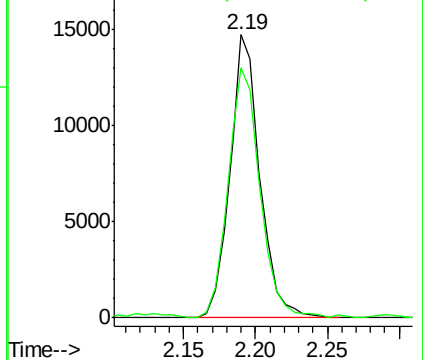
#8

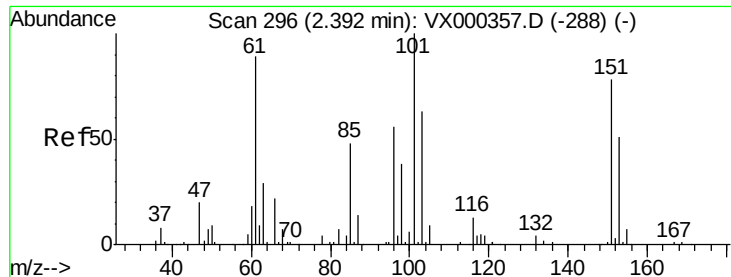
Diethyl Ether
Concen: 20.740 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion: 74 Resp: 21342
Ion Ratio Lower Upper
74 100
45 95.0 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.333 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampled :

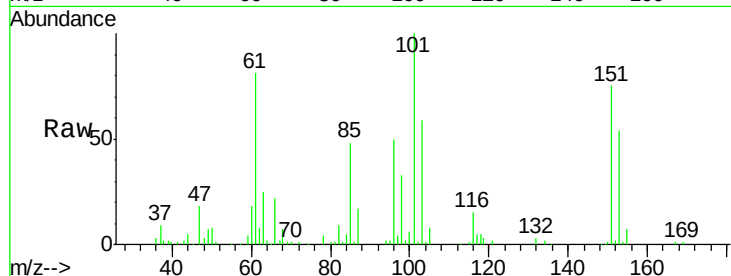
Tot Ion:101 Resp: 34253

Ion Ratio Lower Upper

101 100

85 48.4 37.6 56.4

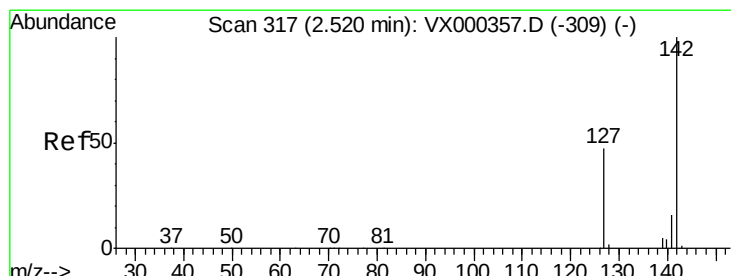
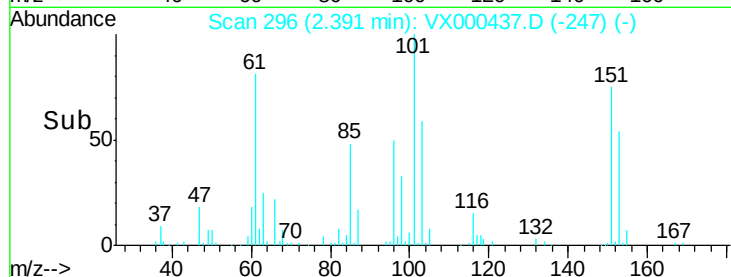
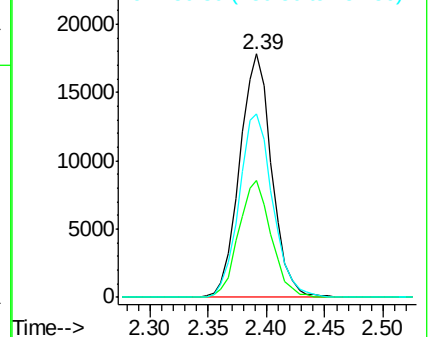
151 78.7 62.6 93.8



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: 10.927 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

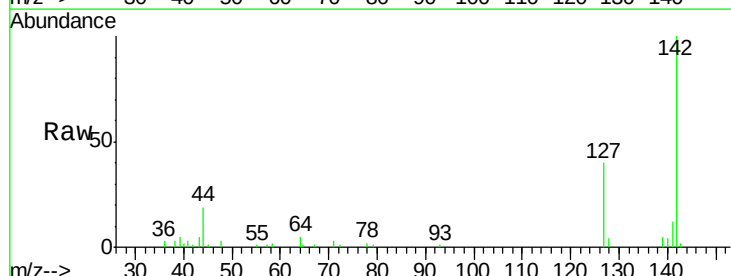
Tgt Ion:142 Resp: 11572

Ion Ratio Lower Upper

142 100

127 48.4 39.2 58.8

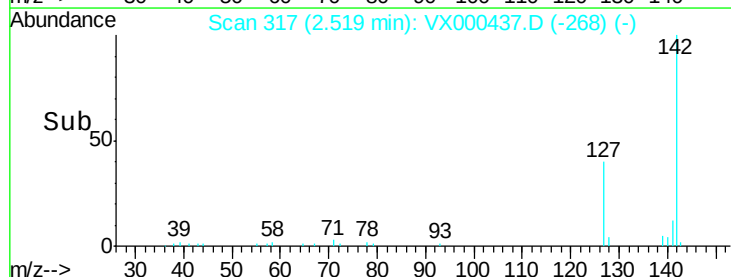
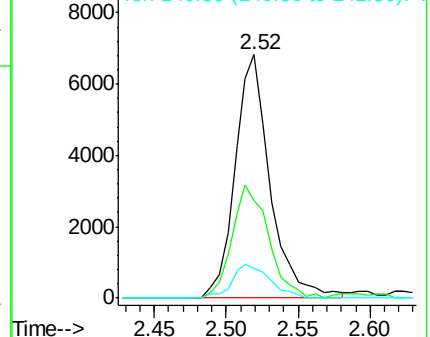
141 14.9 11.7 17.5

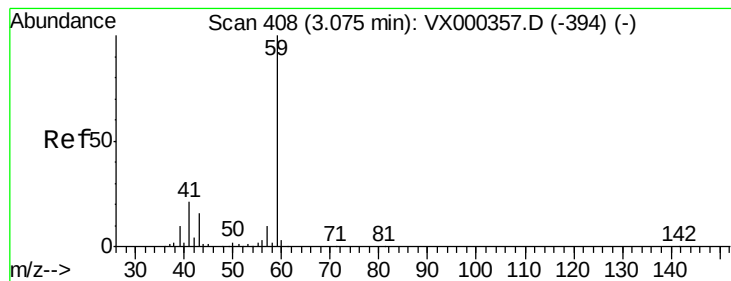


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



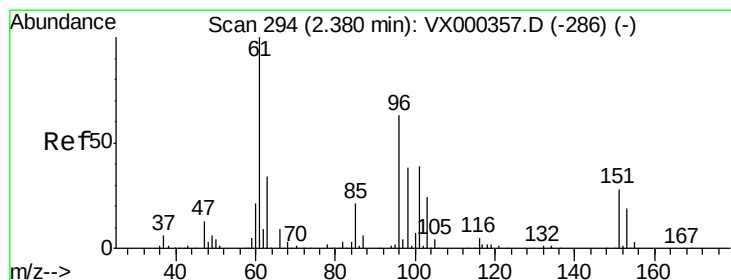
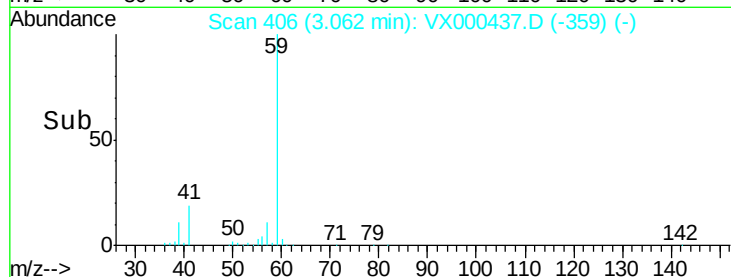
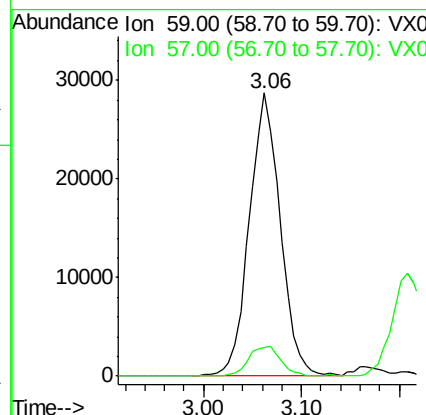
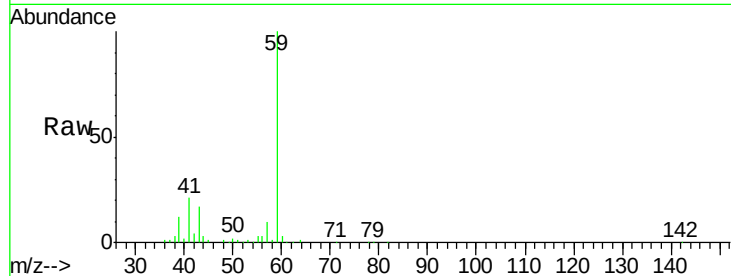


#11

Tert butyl alcohol
 Concen: 108.683 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampled :

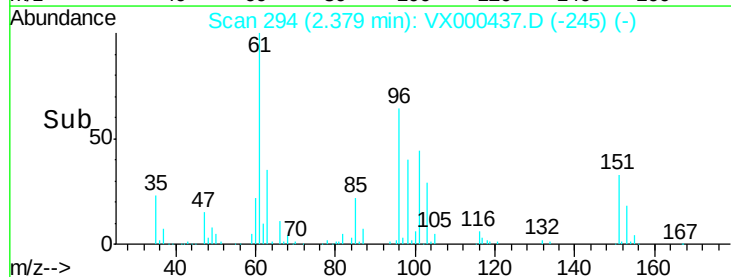
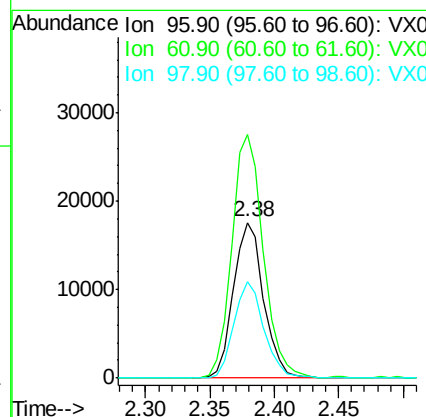
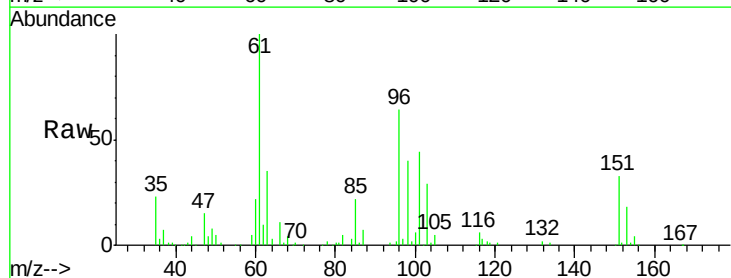
Tot Ion: 59 Resp: 63460
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.4 12.6

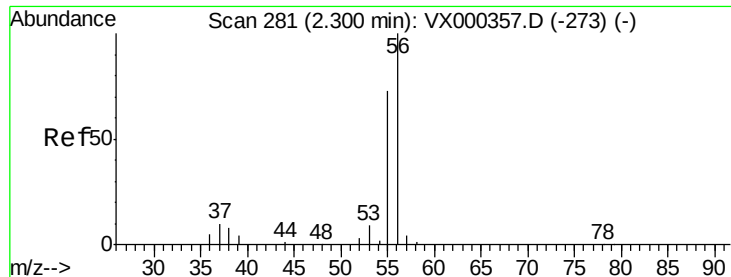


#12

1,1-Dichloroethene
 Concen: 20.509 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion: 96 Resp: 28908
 Ion Ratio Lower Upper
 96 100
 61 156.4 131.2 196.8
 98 62.2 49.8 74.8





#13

Acrolein

Concen: 94.910 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

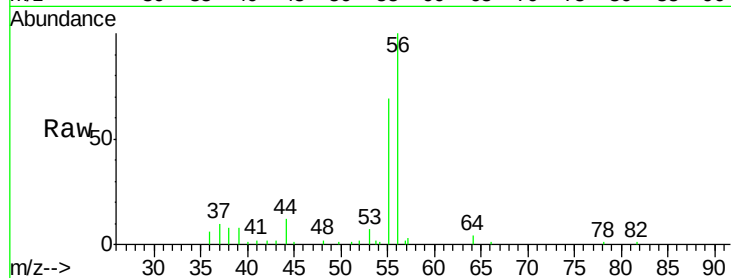
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 15904

Ion Ratio Lower Upper

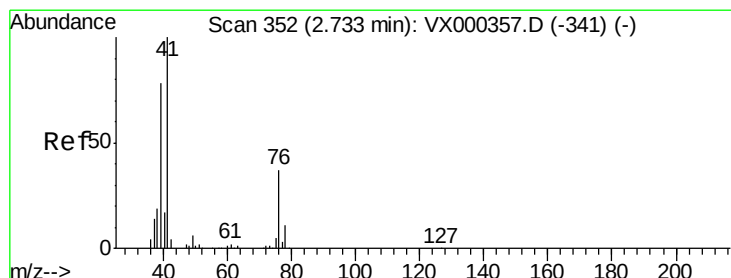
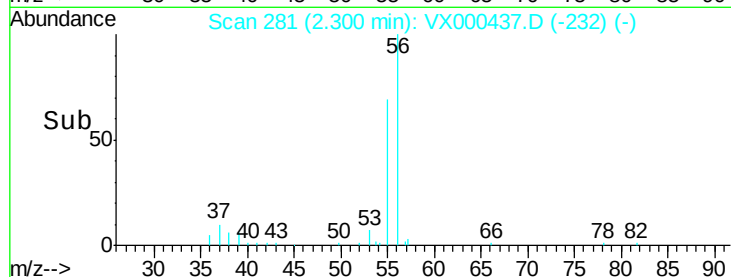
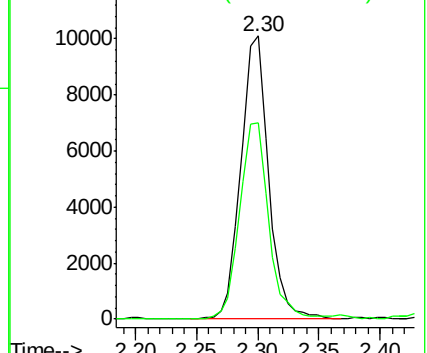
56 100

55 72.8 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: 21.645 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

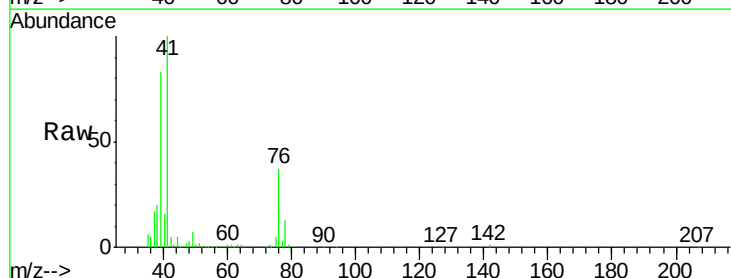
Tgt Ion: 41 Resp: 54030

Ion Ratio Lower Upper

41 100

39 72.0 57.6 86.4

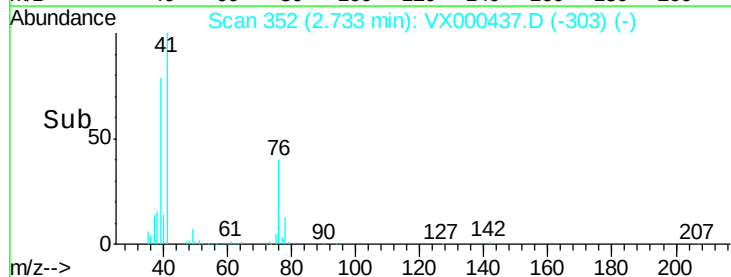
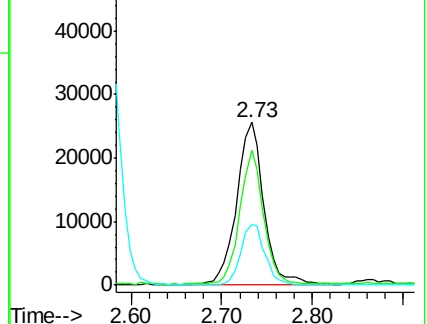
76 33.2 27.3 40.9

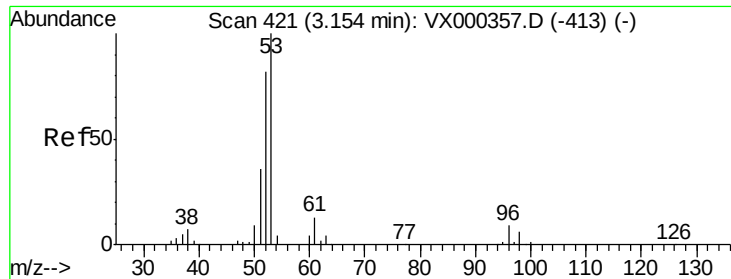


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 105.897 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

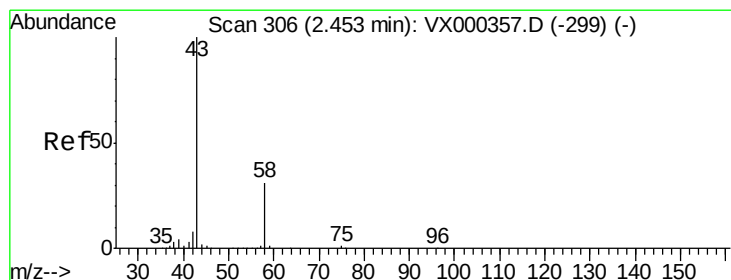
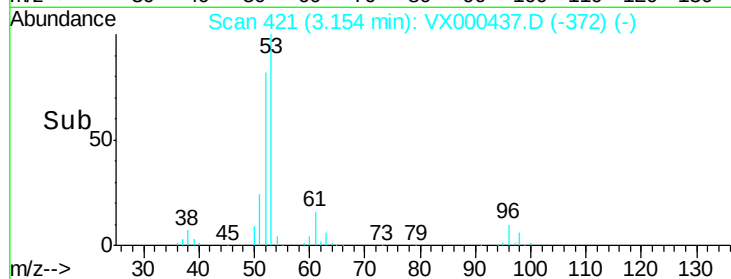
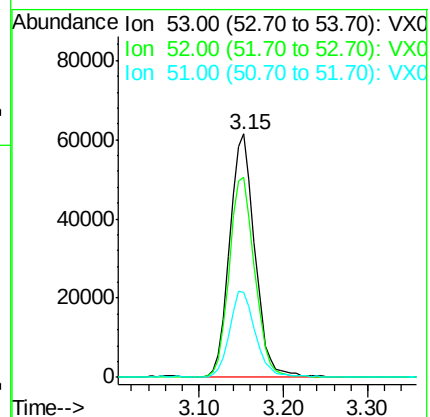
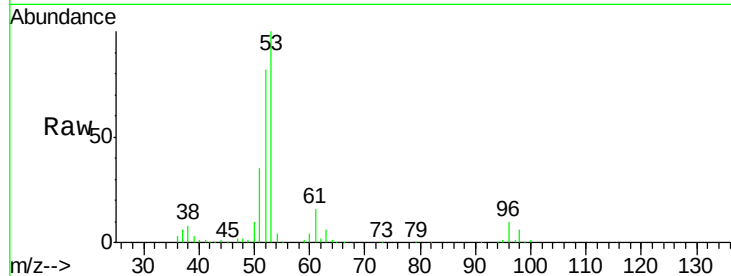
Tot Ion: 53 Resp: 125236

Ion Ratio Lower Upper

53 100

52 83.2 66.6 99.8

51 37.1 29.3 43.9



#16

Acetone

Concen: 111.662 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000437.D

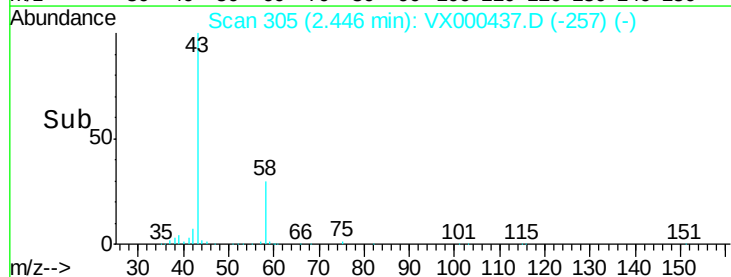
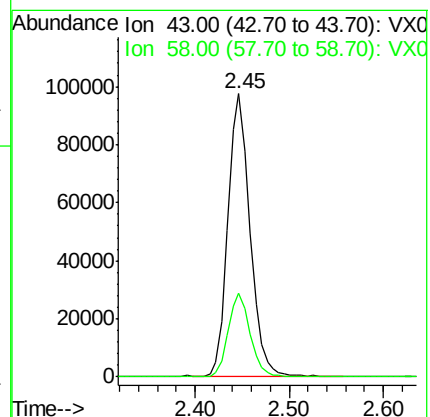
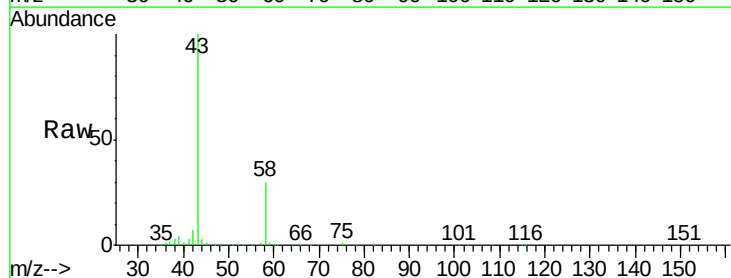
Acq: 26 Mar 2018 13:41

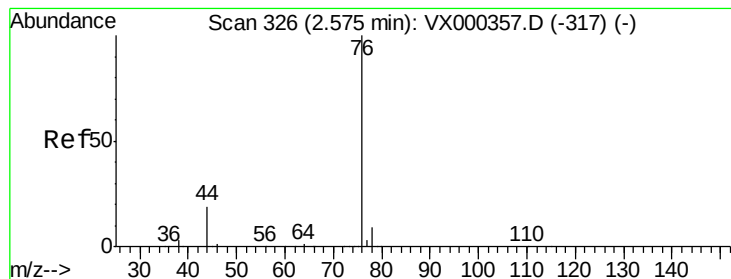
Tgt Ion: 43 Resp: 157679

Ion Ratio Lower Upper

43 100

58 29.7 24.7 37.1





#17

Carbon Disulfide

Concen: 19.073 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

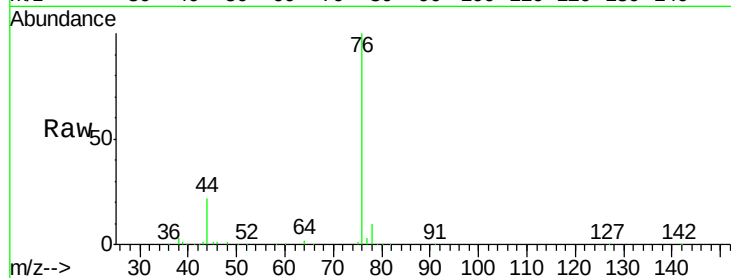
ClientSampleId :

Tot Ion: 76 Resp: 71478

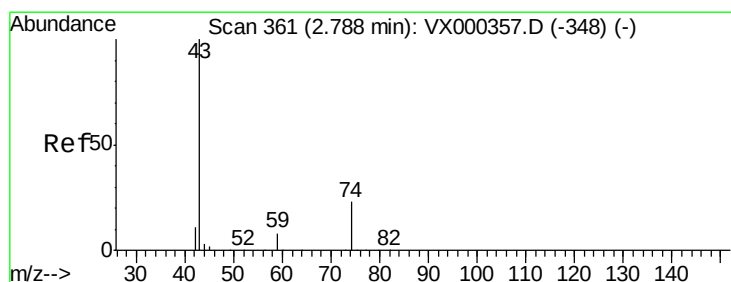
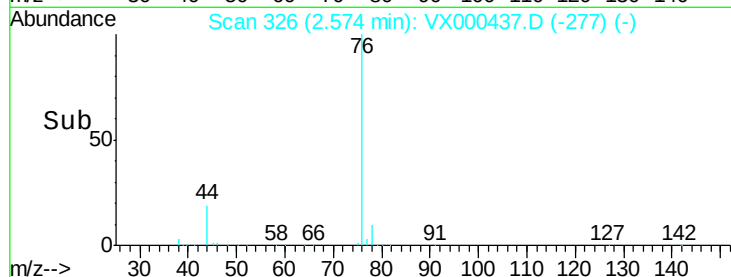
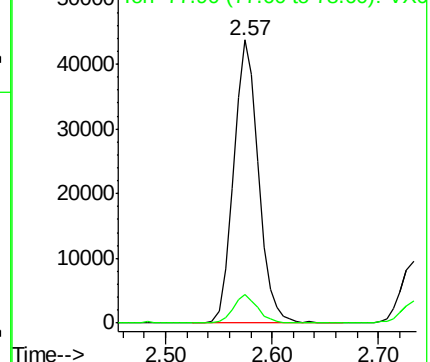
Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.507 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000437.D

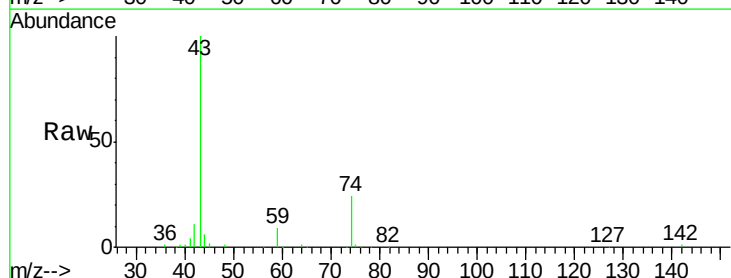
Acq: 26 Mar 2018 13:41

Tgt Ion: 43 Resp: 66630

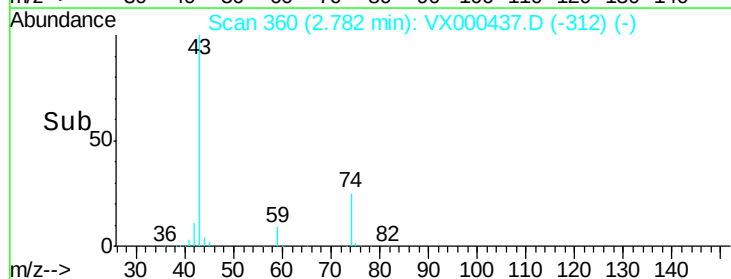
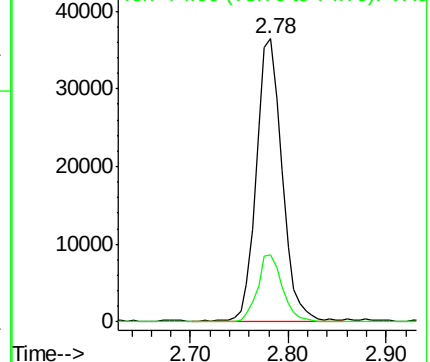
Ion Ratio Lower Upper

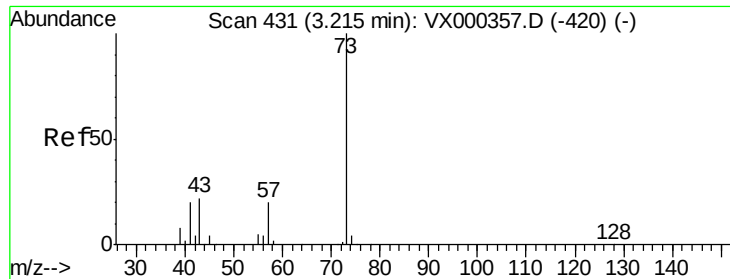
43 100

74 23.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

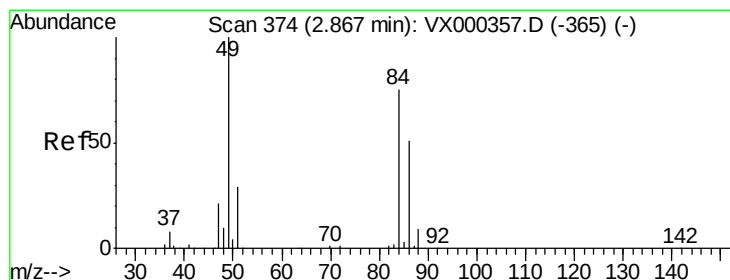
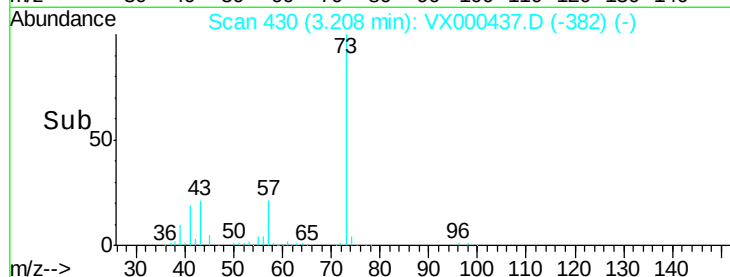
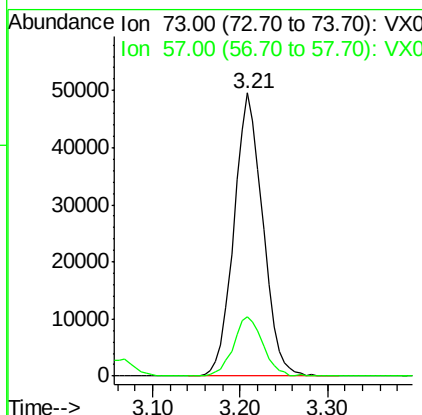
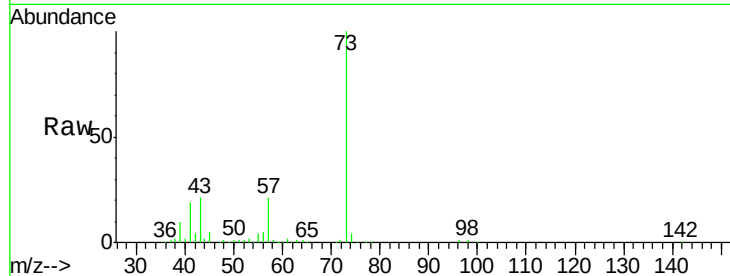




#19
Methyl tert-butyl Ether
Concen: 21.841 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

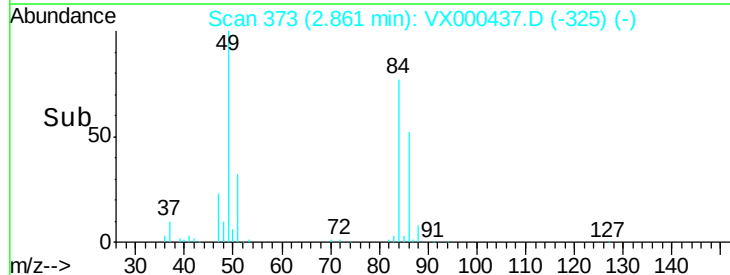
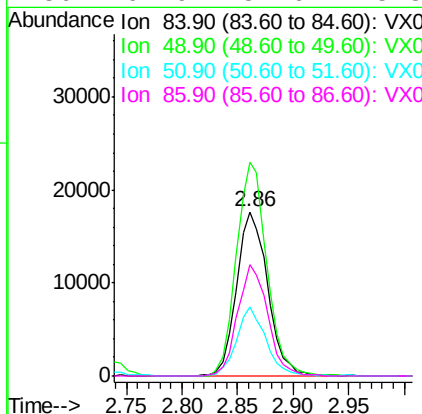
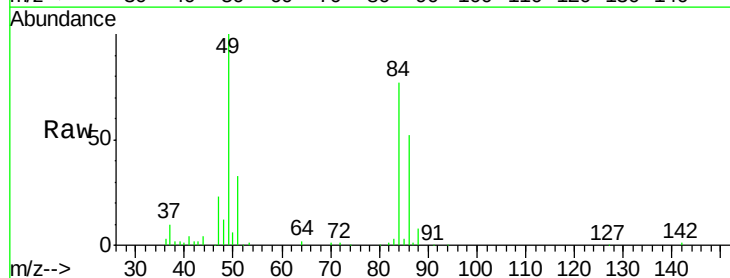
Instrument :
MSVOA_X
ClientSampled :

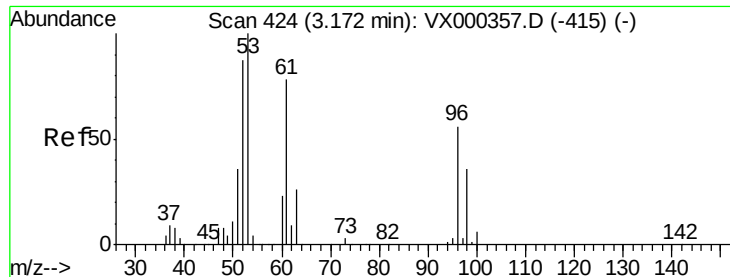
Tot Ion: 73 Resp: 113861
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8



#20
Methylene Chloride
Concen: 20.948 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion: 84 Resp: 34167
Ion Ratio Lower Upper
84 100
49 129.9 100.6 151.0
51 42.4 31.6 47.4
86 67.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 19.157 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

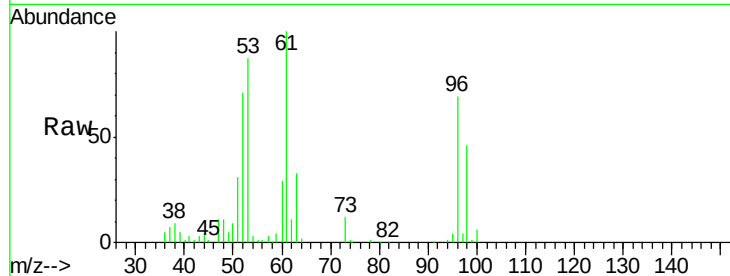
Tot Ion: 96 Resp: 30121

Ion Ratio Lower Upper

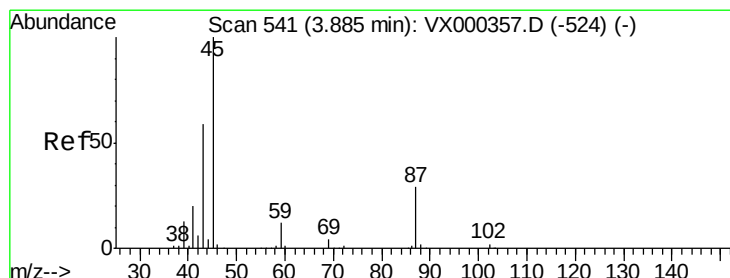
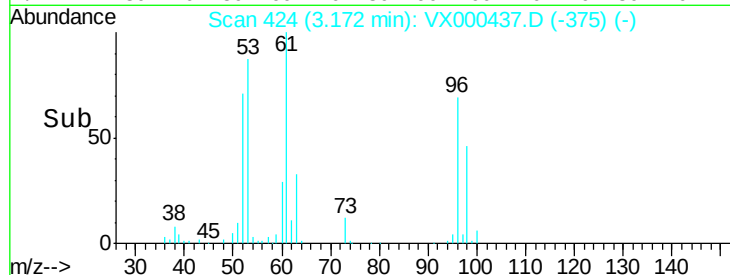
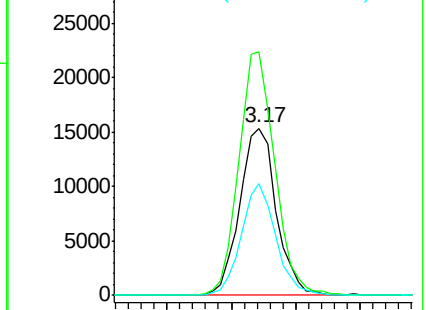
96 100

61 145.4 104.0 156.0

98 66.5 52.1 78.1



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



#22

Diisopropyl ether

Concen: 24.315 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Tgt Ion: 45 Resp: 107139

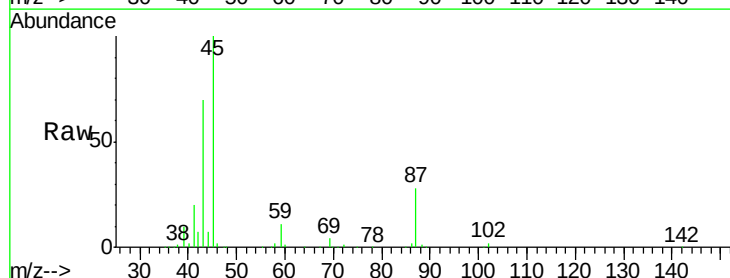
Ion Ratio Lower Upper

45 100

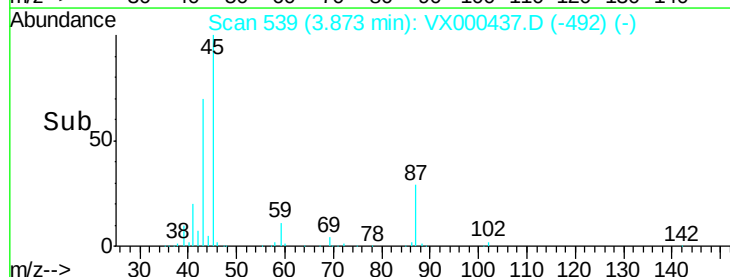
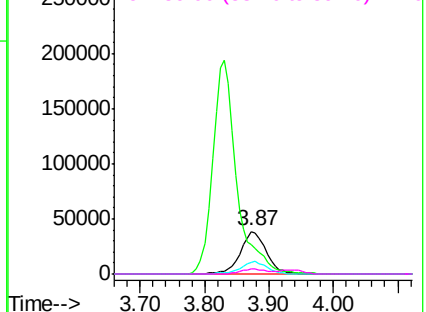
43 68.9 53.9 80.9

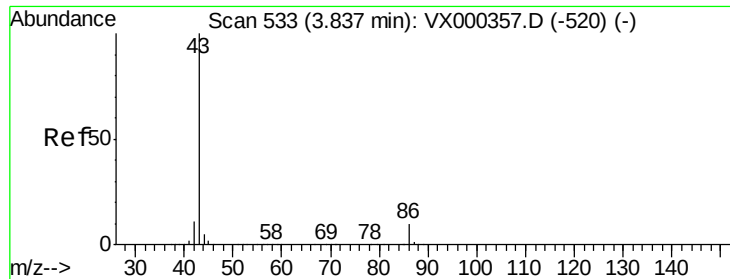
87 28.5 22.6 34.0

59 11.3 9.5 14.3



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





#23

Vinyl Acetate

Concen: 121.034 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

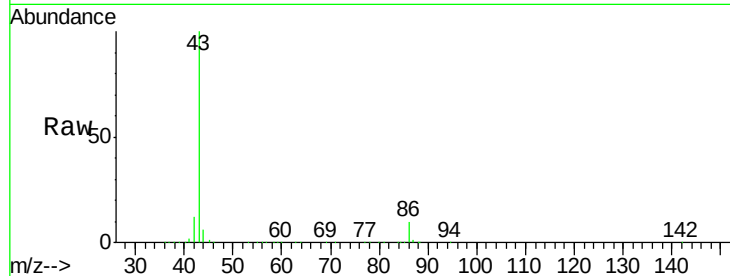
ClientSampleId :

Tot Ion: 43 Resp: 505575

Ion Ratio Lower Upper

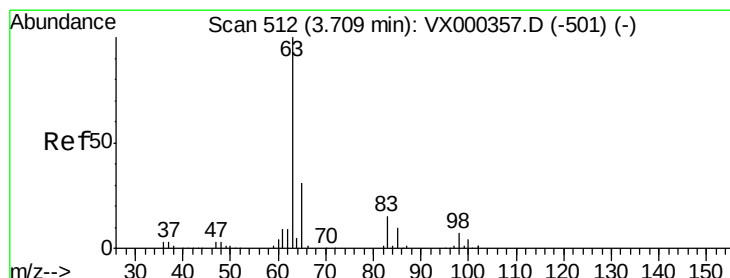
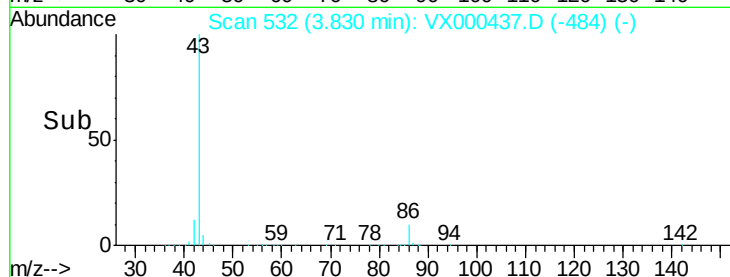
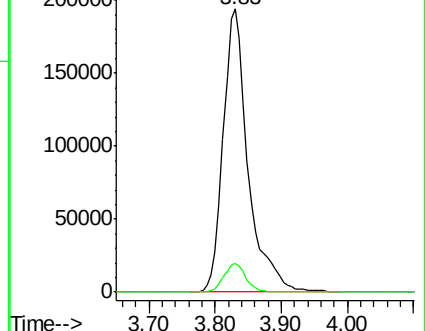
43 100

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: 21.217 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

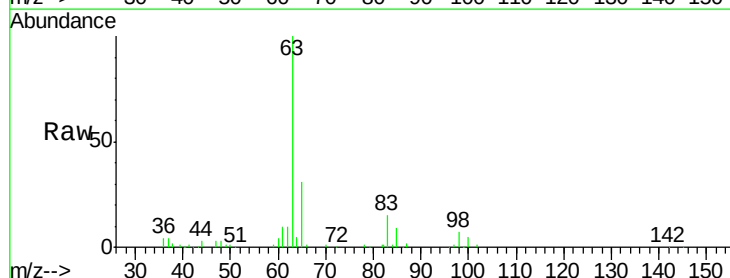
Tgt Ion: 63 Resp: 58778

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

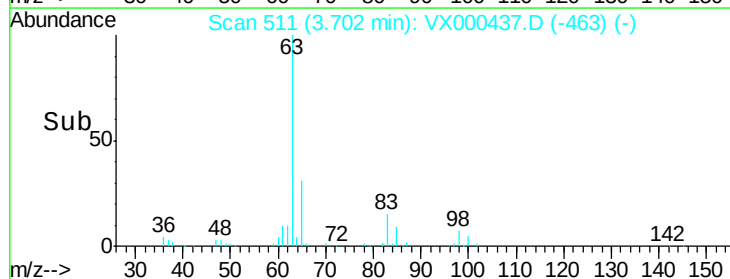
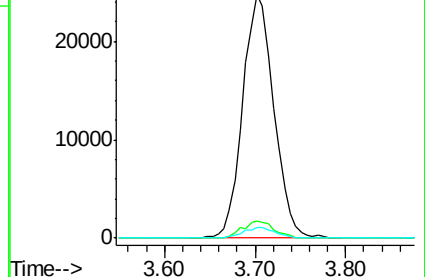
100 4.6 2.0 5.8

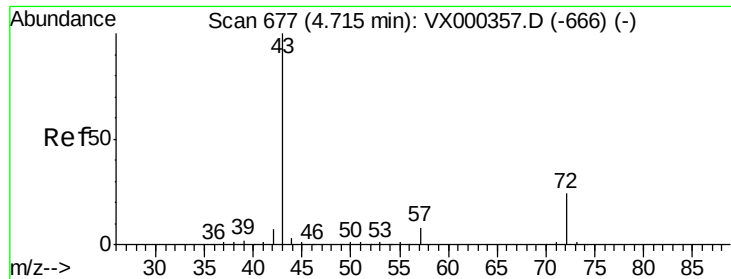


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 105.797 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

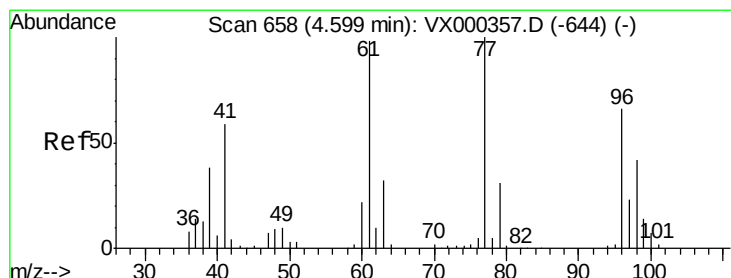
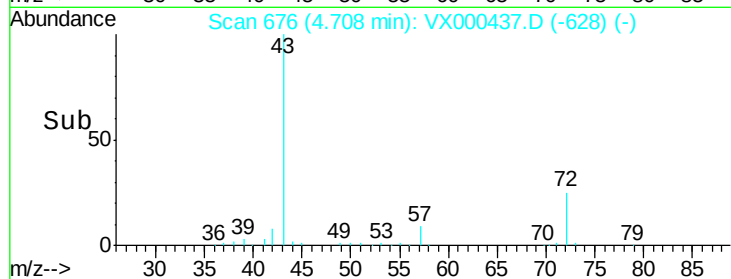
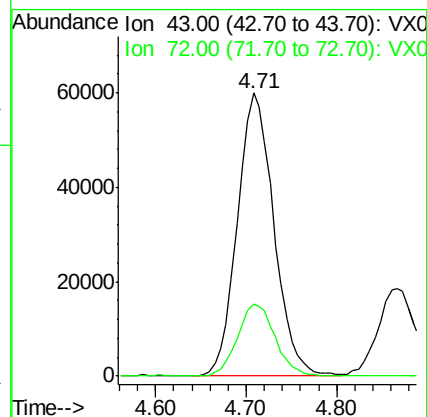
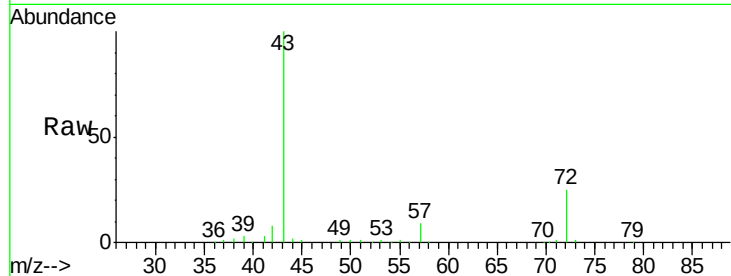
ClientSampleId :

Tot Ion: 43 Resp: 167925

Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.936 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000437.D

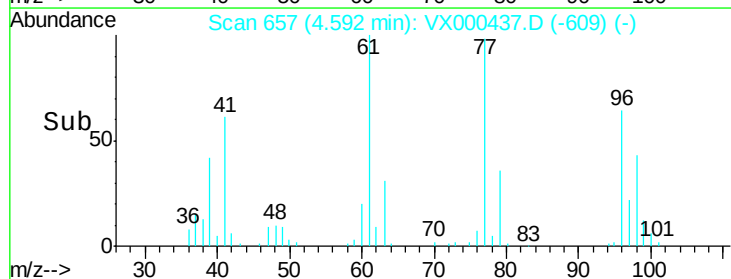
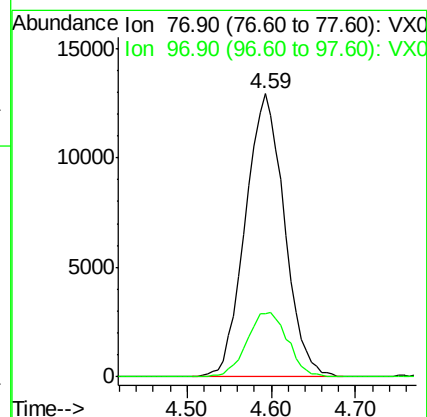
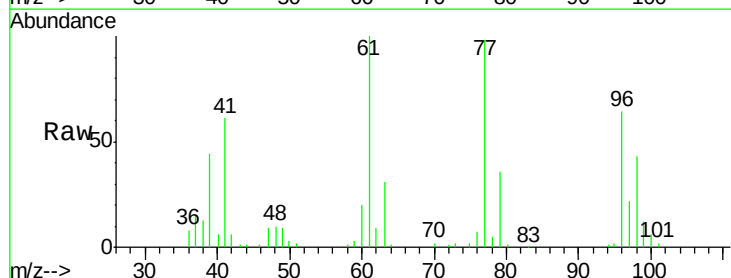
Acq: 26 Mar 2018 13:41

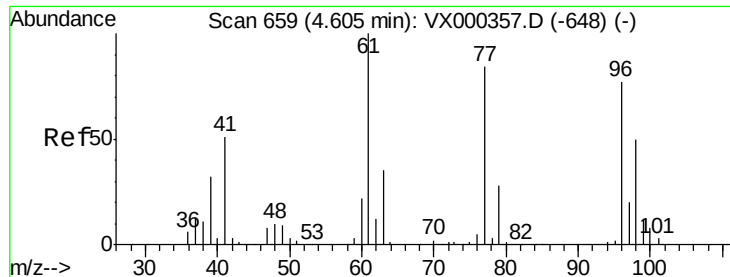
Tgt Ion: 77 Resp: 40651

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.8



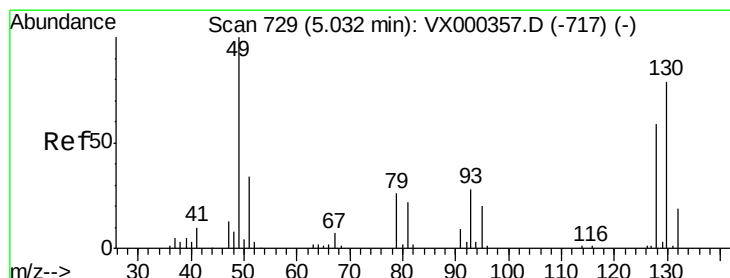
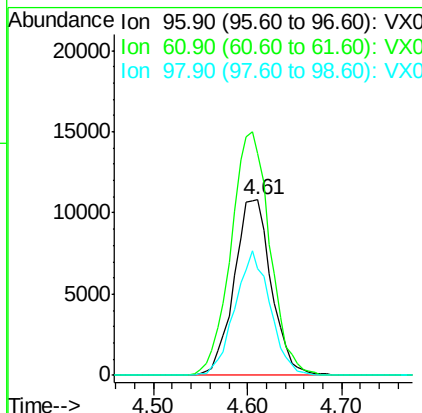
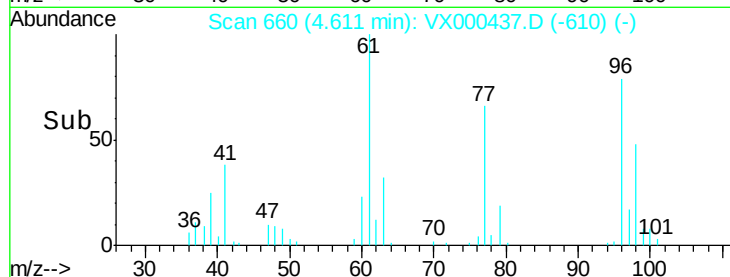
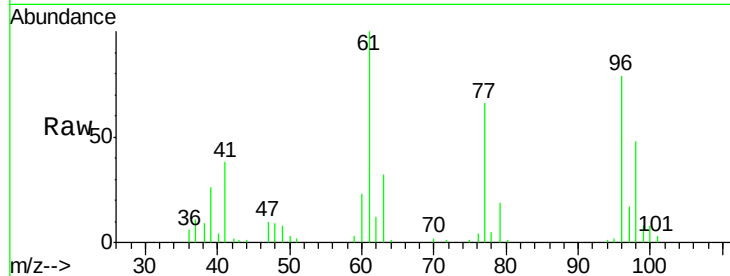


#27

cis-1,2-Dichloroethene
Concen: 20.349 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :

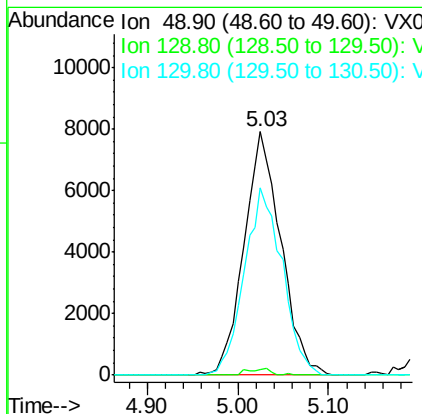
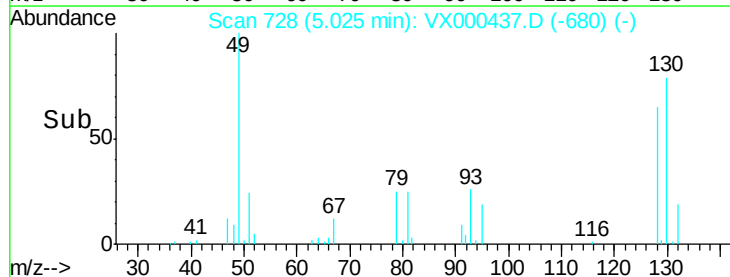
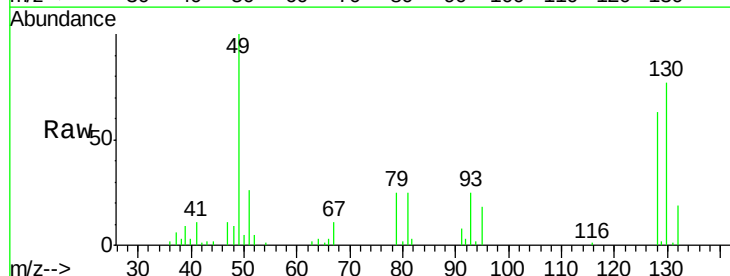
Tot Ion: 96 Resp: 29903
Ion Ratio Lower Upper
96 100
61 144.7 0.0 291.6
98 66.8 0.0 132.0

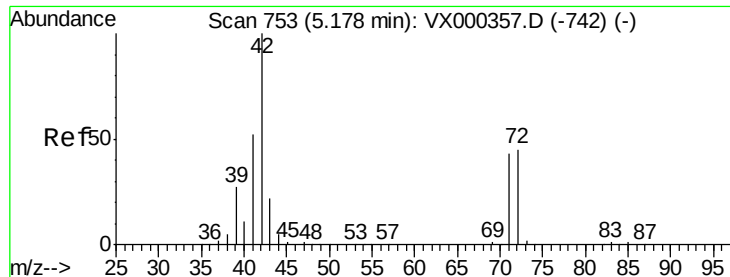


#28

Bromochloromethane
Concen: 19.525 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion: 49 Resp: 22305
Ion Ratio Lower Upper
49 100
129 1.6 0.0 5.0
130 78.5 64.0 96.0

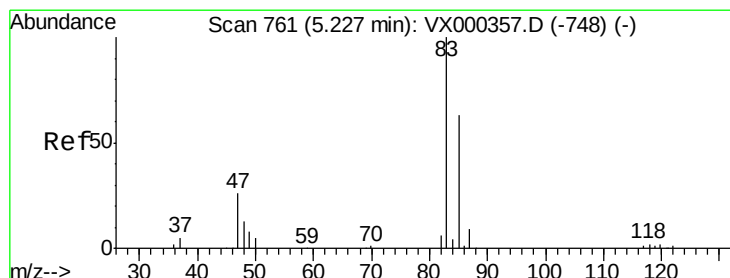
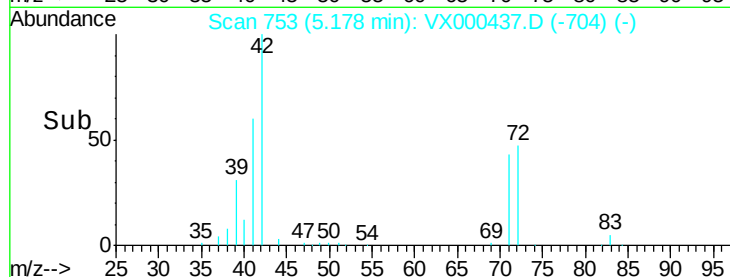
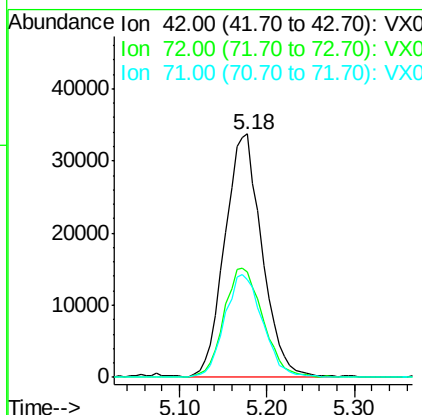
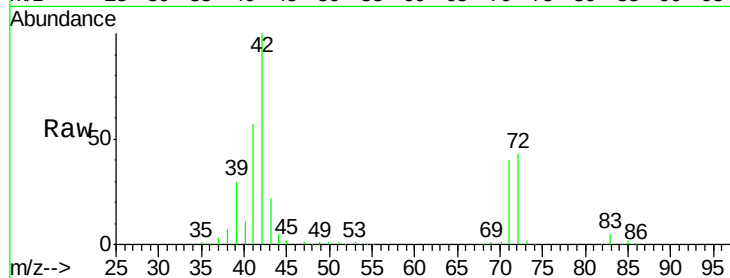




#29
Tetrahydrofuran
Concen: 101.626 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

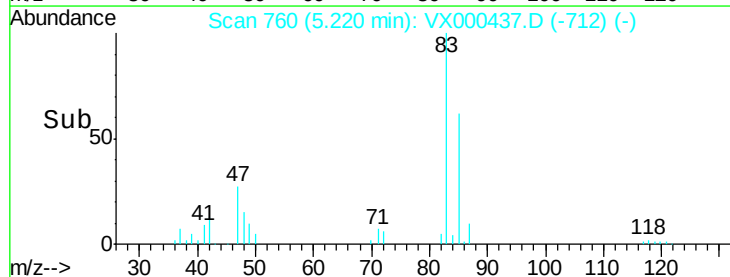
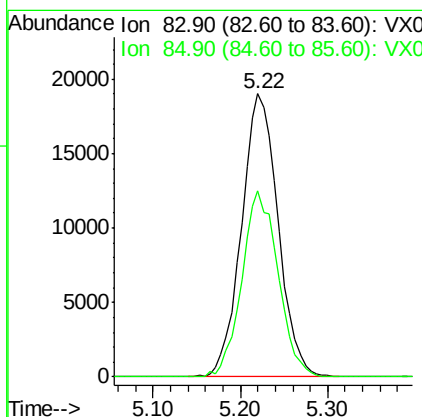
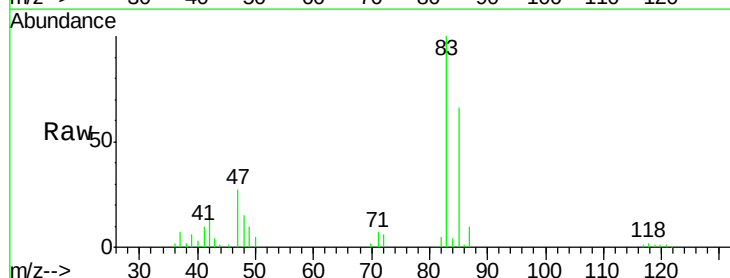
Instrument :
MSVOA_X
ClientSampled :

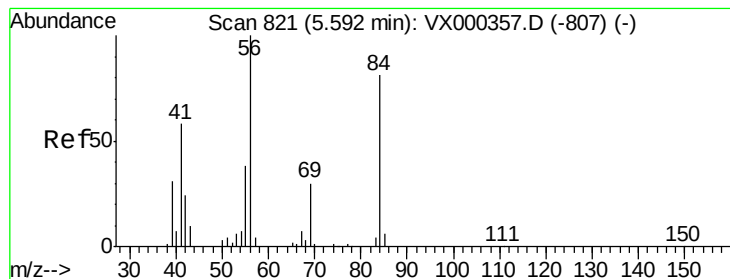
Tot Ion: 42 Resp: 99245
Ion Ratio Lower Upper
42 100
72 47.1 37.9 56.9
71 43.5 34.4 51.6



#30
Chloroform
Concen: 21.288 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion: 83 Resp: 55272
Ion Ratio Lower Upper
83 100
85 65.5 53.3 79.9





#31

Cyclohexane

Concen: 19.344 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

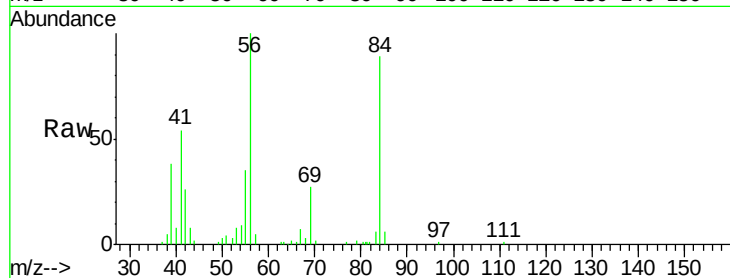
Tot Ion: 56 Resp: 41427

Ion Ratio Lower Upper

56 100

69 27.2 23.4 35.0

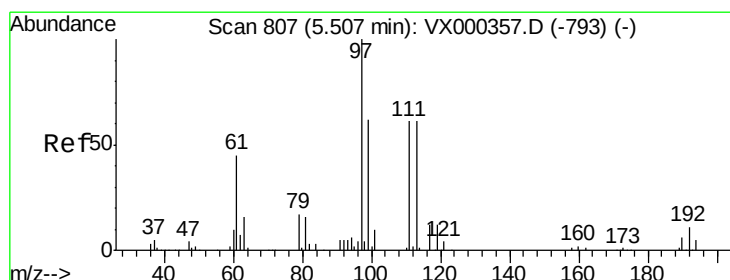
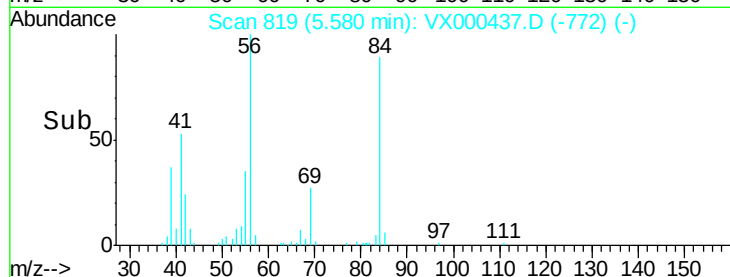
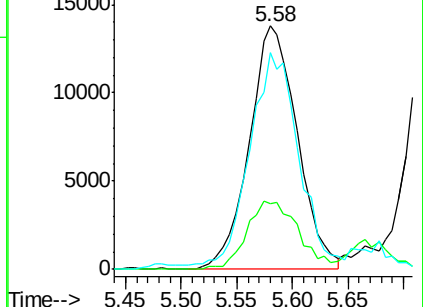
84 87.1 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.510 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

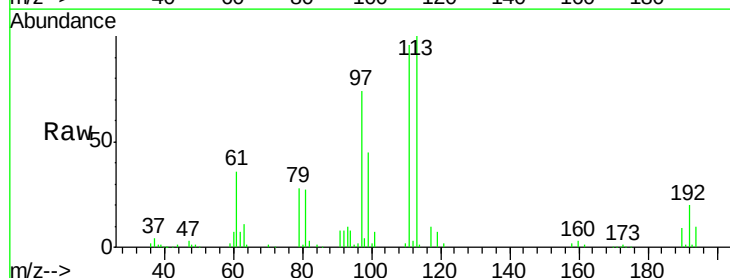
Tgt Ion: 97 Resp: 48039

Ion Ratio Lower Upper

97 100

99 62.4 52.1 78.1

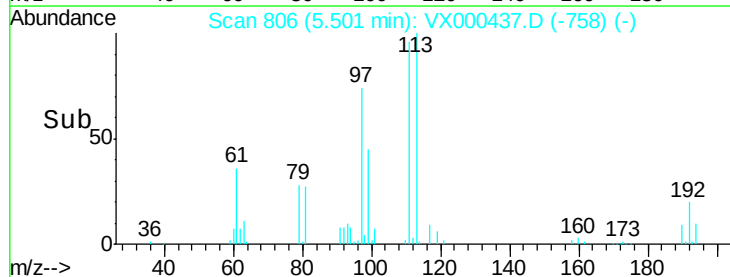
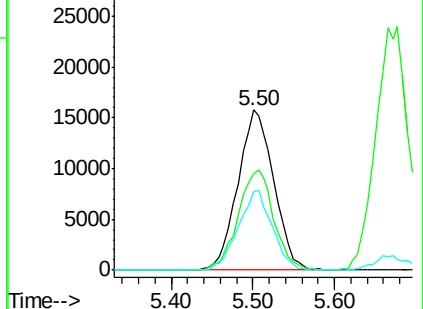
61 47.0 36.2 54.4

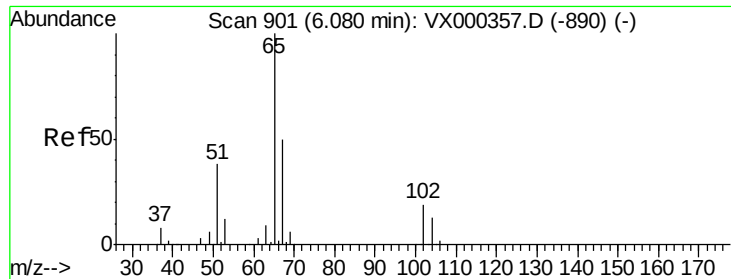


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

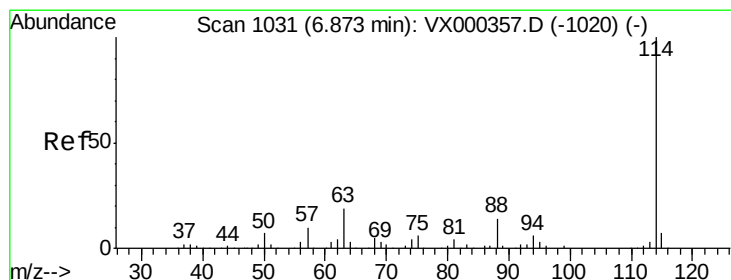
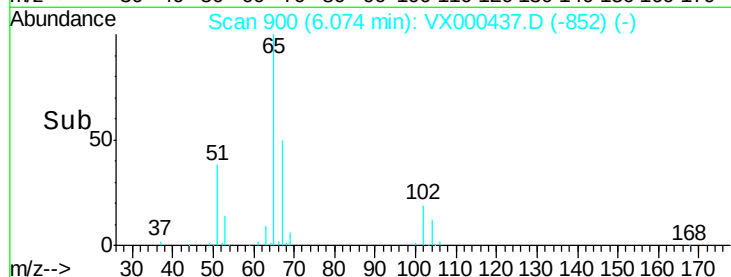
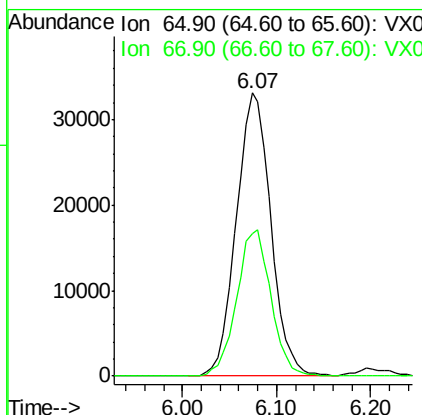
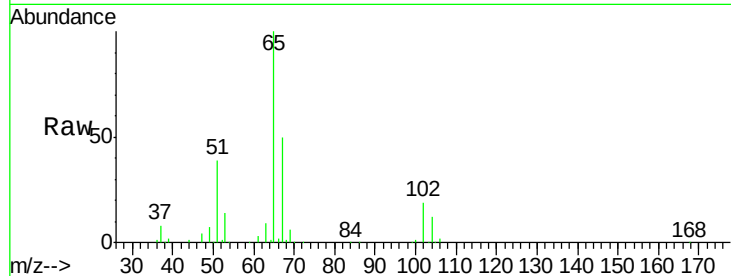




#33
 1,2-Dichloroethane-d4
 Concen: 50.022 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

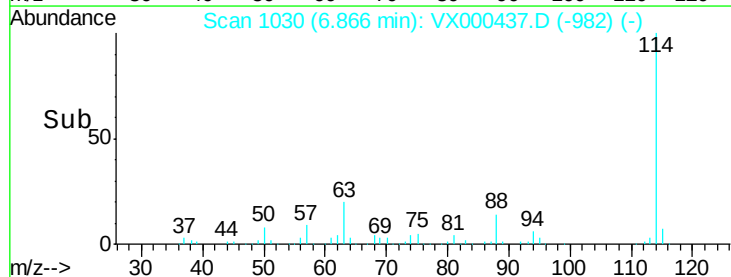
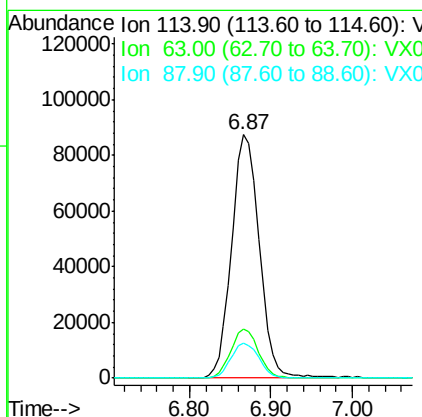
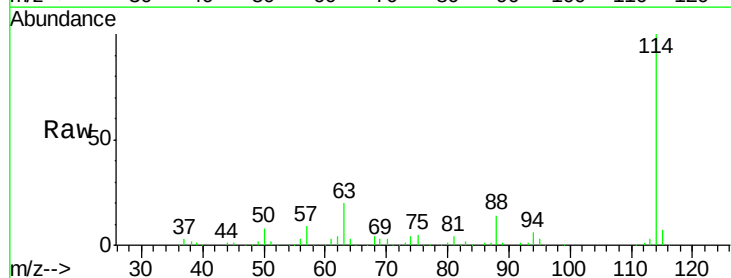
Instrument :
 MSVOA_X
 ClientSampleId :

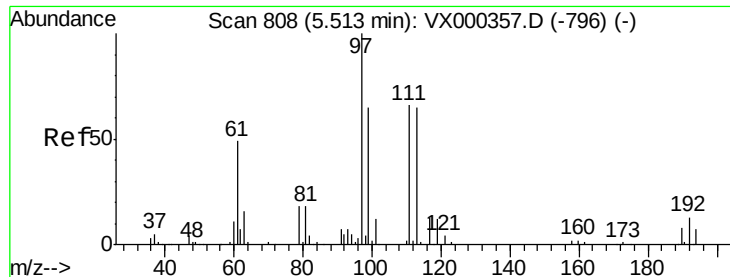
Tot Ion: 65 Resp: 84912
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion: 114 Resp: 204907
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.4
 88 14.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.474 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

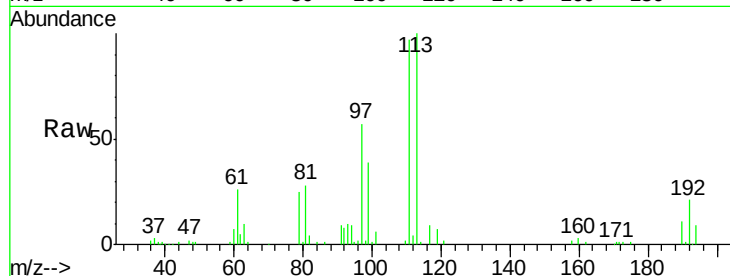
Tot Ion:113 Resp: 66458

Ion Ratio Lower Upper

113 100

111 100.5 82.4 123.6

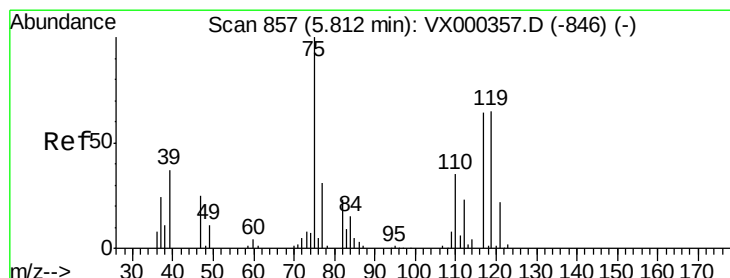
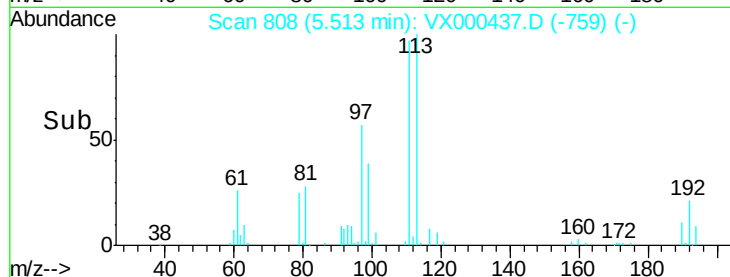
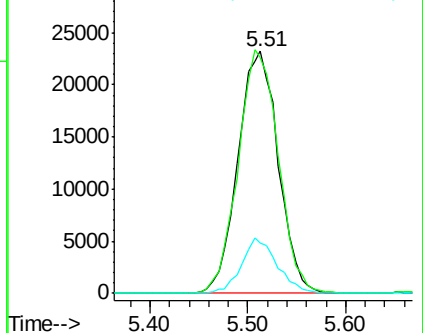
192 20.1 15.8 23.6



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: 20.318 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

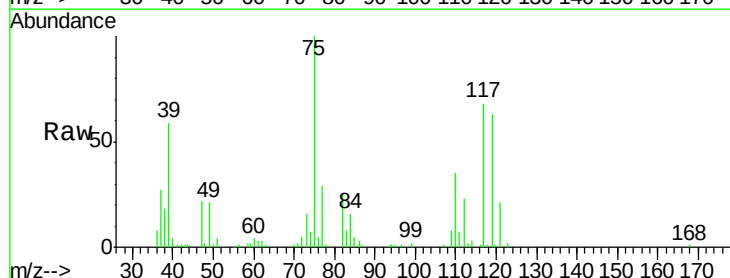
Tgt Ion: 75 Resp: 38999

Ion Ratio Lower Upper

75 100

110 35.6 17.9 53.7

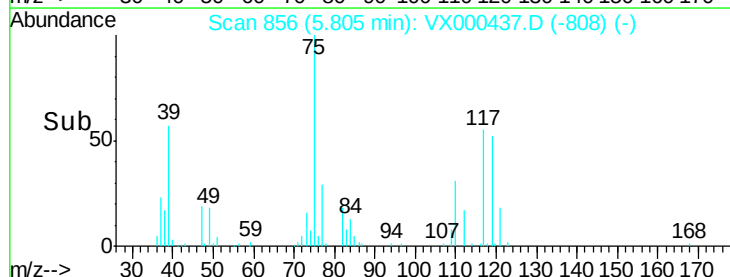
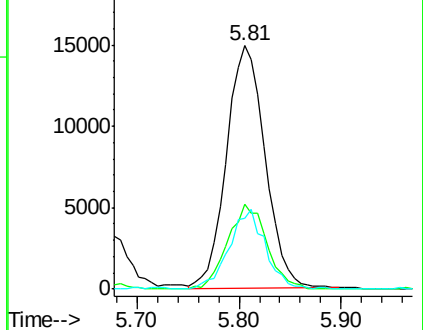
77 30.9 24.0 36.0

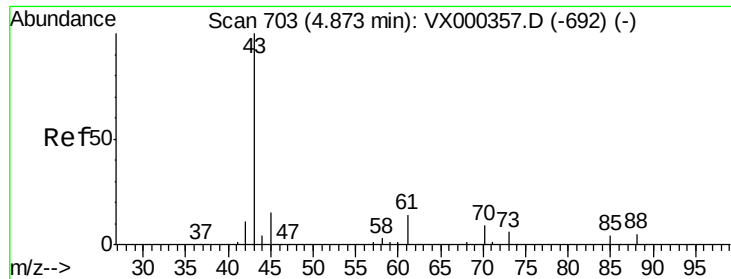


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

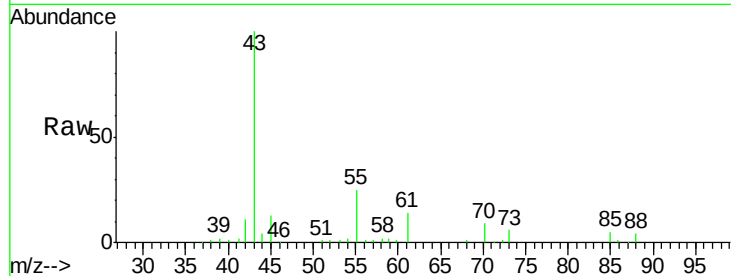




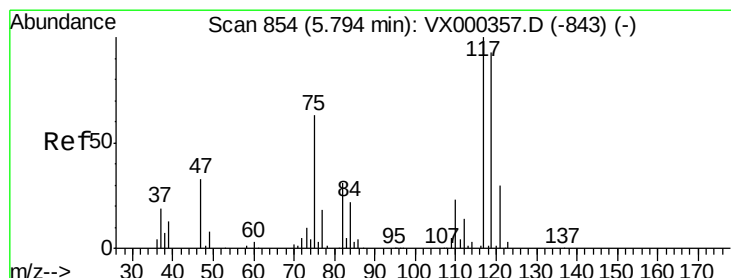
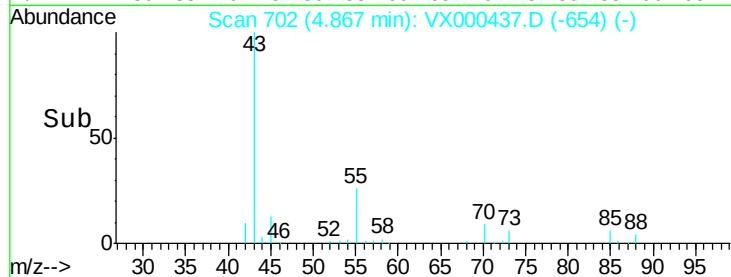
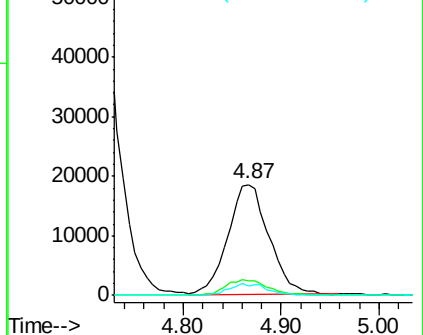
#37
Ethyl Acetate
Concen: 20.499 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 53745
Ion Ratio Lower Upper
43 100
61 14.7 11.1 16.7
70 9.9 7.7 11.5

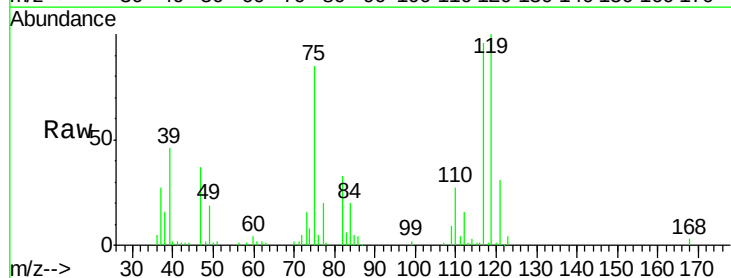


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

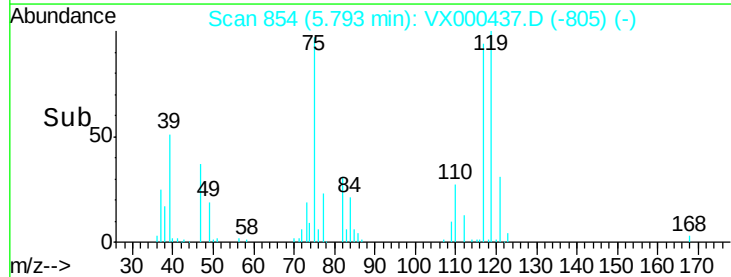
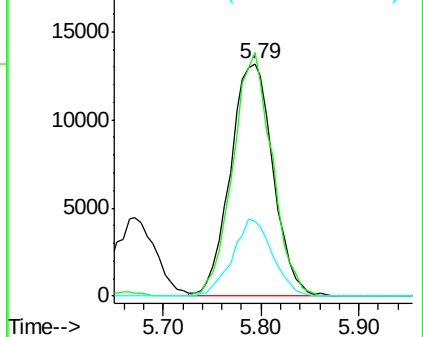


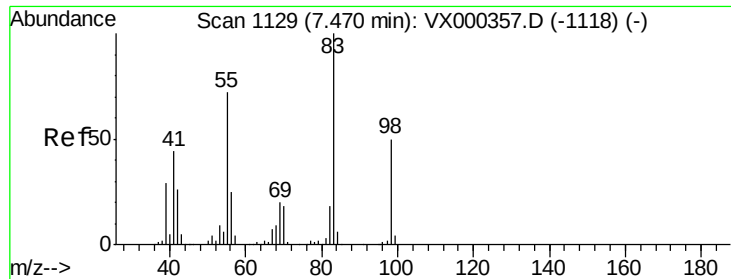
#38
Carbon Tetrachloride
Concen: 19.873 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion: 117 Resp: 40017
Ion Ratio Lower Upper
117 100
119 104.7 77.4 116.2
121 32.1 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

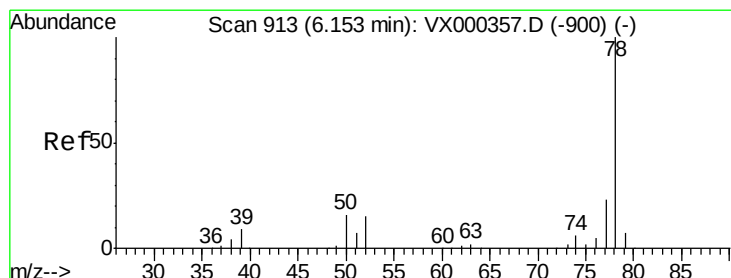
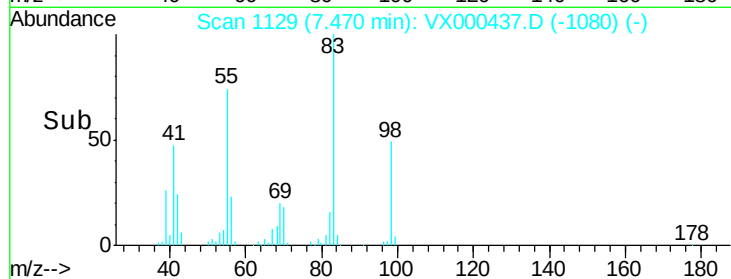
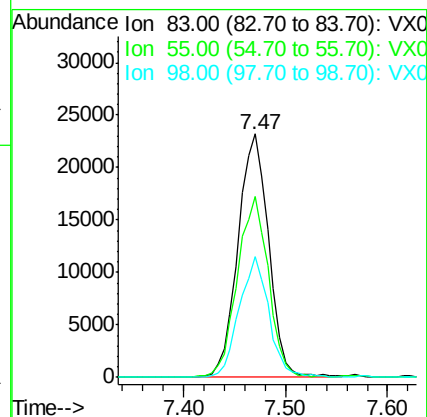
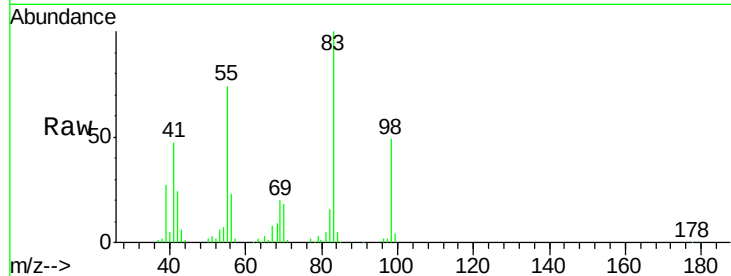




#39
Methylvlcyclohexane
Concen: 20.775 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

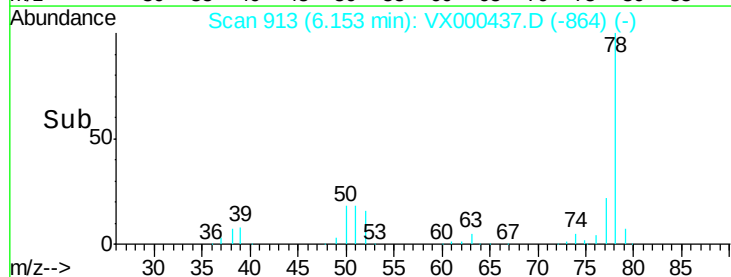
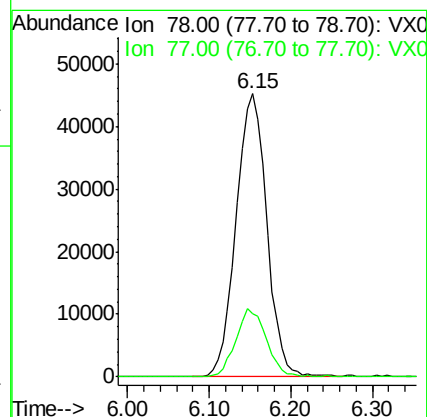
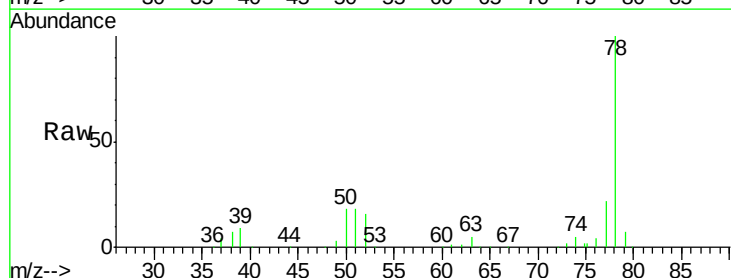
Instrument :
MSVOA_X
ClientSampleId :

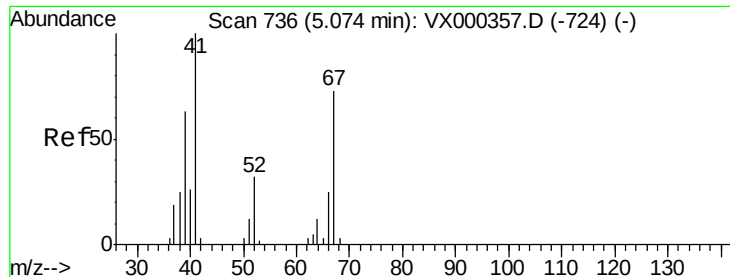
Tot Ion: 83 Resp: 48494
Ion Ratio Lower Upper
83 100
55 74.5 55.5 83.3
98 49.3 38.2 57.4



#40
Benzene
Concen: 21.084 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion: 78 Resp: 117519
Ion Ratio Lower Upper
78 100
77 22.2 18.7 28.1





#41

Methacrylonitrile

Concen: 21.214 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 29323

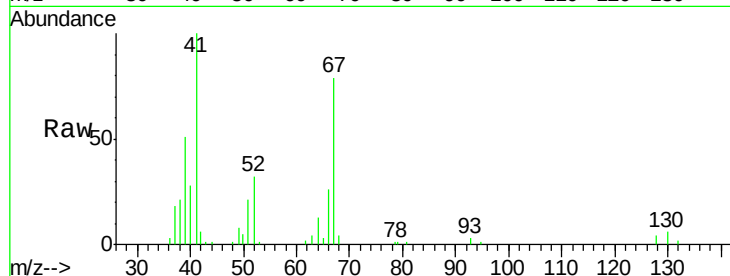
Ion Ratio Lower Upper

41 100

39 58.4 45.7 68.5

67 74.6 57.8 86.8

52 34.5 26.7 40.1

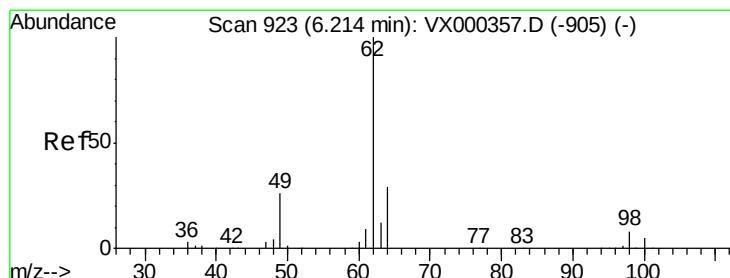
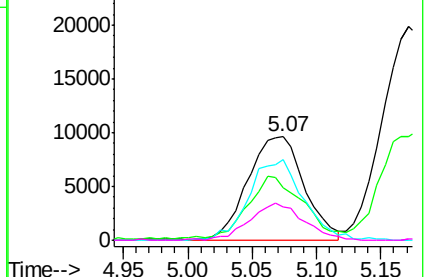
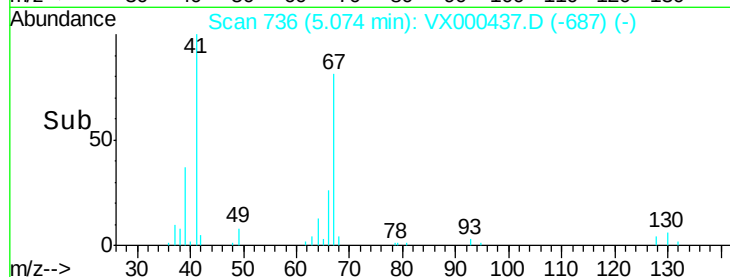


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.613 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.01 min

Lab File: VX000437.D

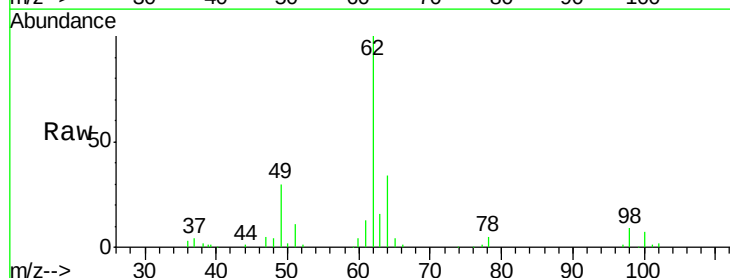
Acq: 26 Mar 2018 13:41

Tgt Ion: 62 Resp: 47267

Ion Ratio Lower Upper

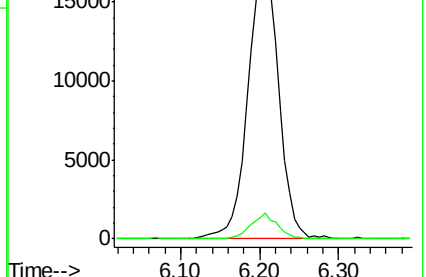
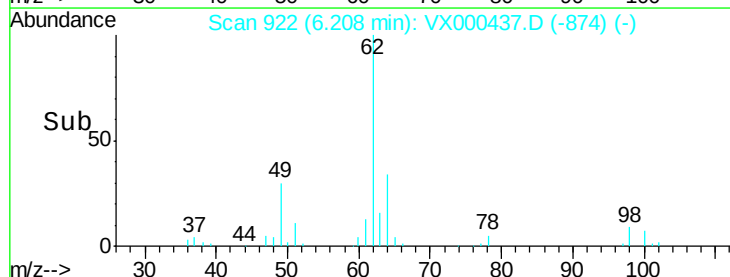
62 100

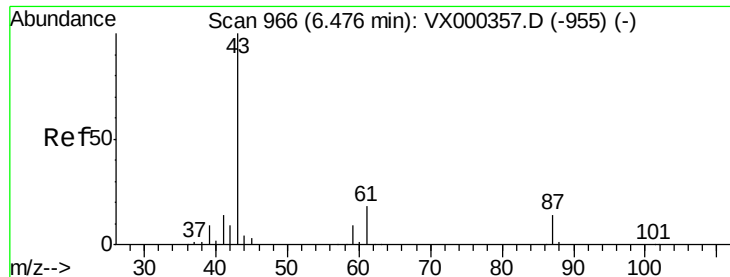
98 8.0 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



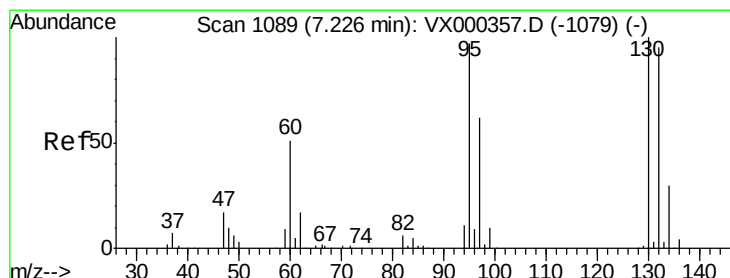
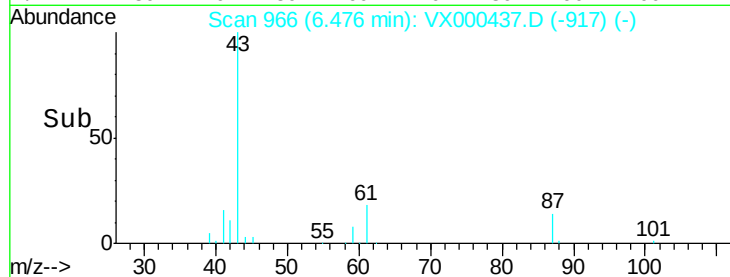
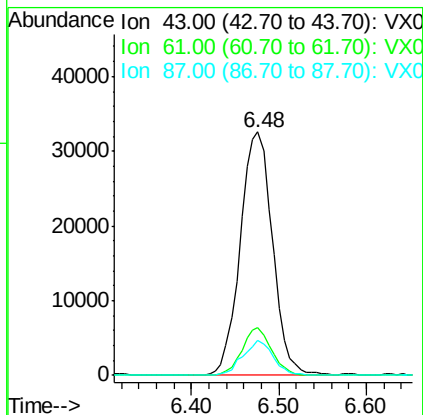
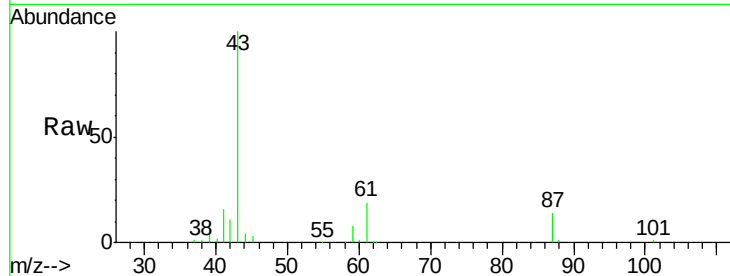


#43

Isopropyl Acetate
 Concen: 21.410 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :

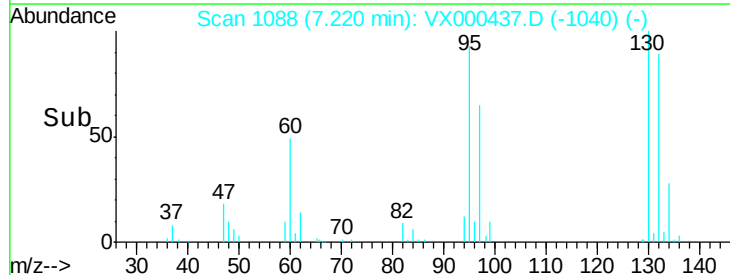
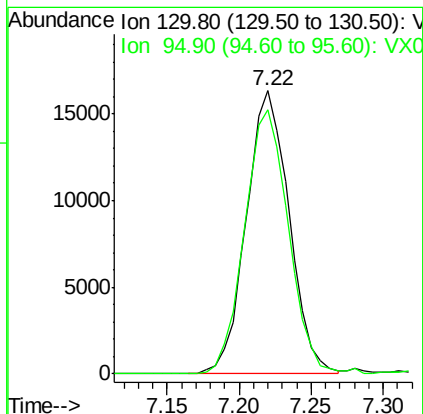
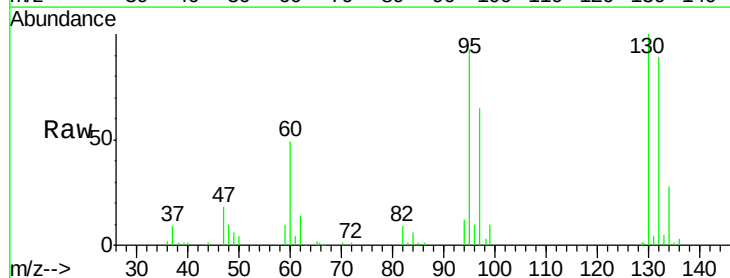
Tot Ion: 43 Resp: 83556
 Ion Ratio Lower Upper
 43 100
 61 17.8 14.4 21.6
 87 13.3 11.0 16.4

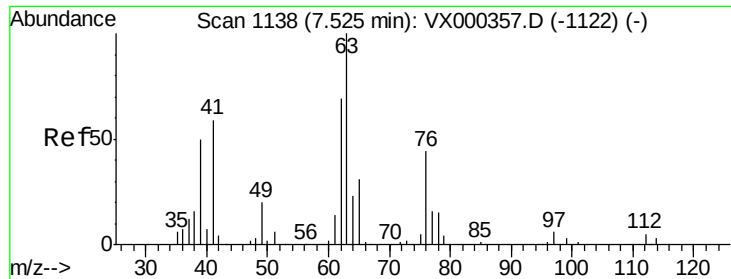


#44

Trichloroethene
 Concen: 21.002 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion: 130 Resp: 33538
 Ion Ratio Lower Upper
 130 100
 95 93.3 0.0 186.0

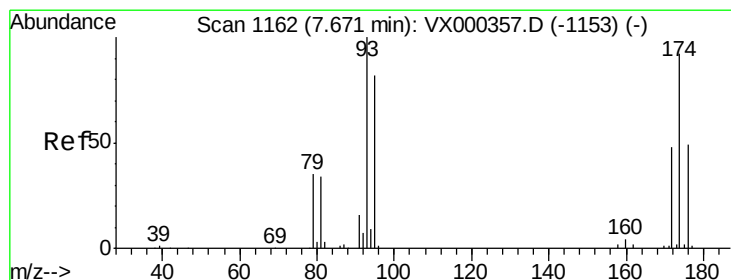
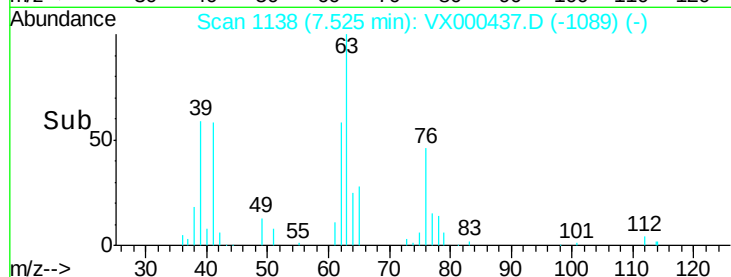
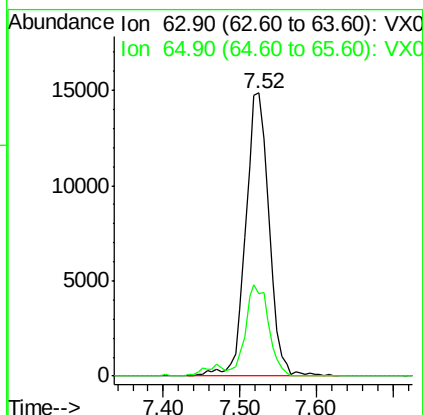
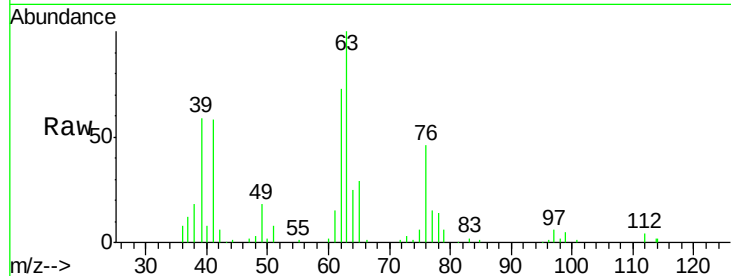




#45
 1,2-Dichloropropane
 Concen: 22.218 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

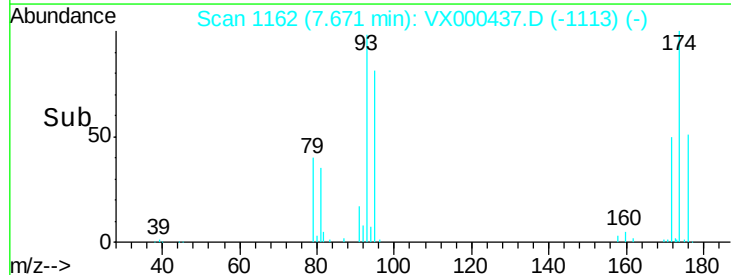
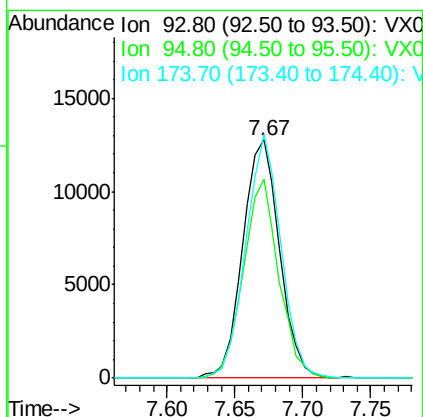
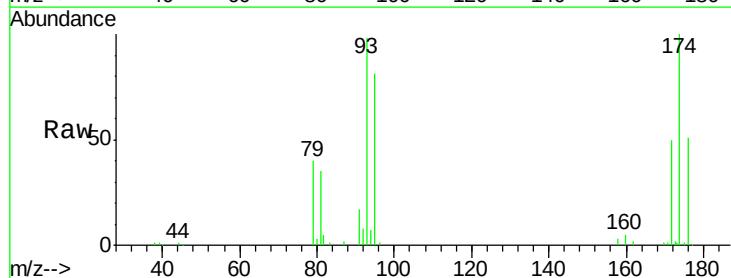
Instrument :
 MSVOA_X
 ClientSampleId :

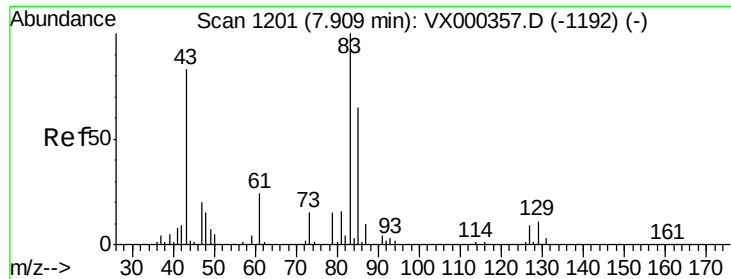
Tot Ion: 63 Resp: 31700
 Ion Ratio Lower Upper
 63 100
 65 29.0 24.6 36.8



#46
 Dibromomethane
 Concen: 21.516 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion: 93 Resp: 24096
 Ion Ratio Lower Upper
 93 100
 95 80.6 66.5 99.7
 174 98.0 76.0 114.0





#47

Bromodichloromethane

Concen: 22.747 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

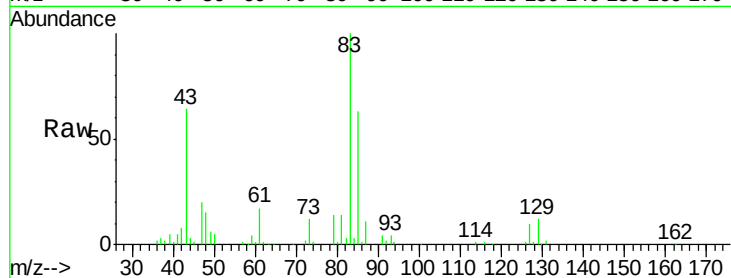
Tot Ion: 83 Resp: 44820

Ion Ratio Lower Upper

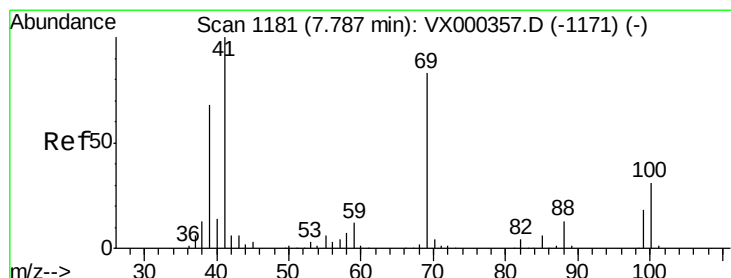
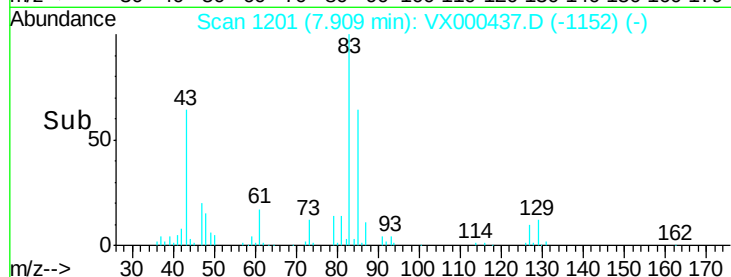
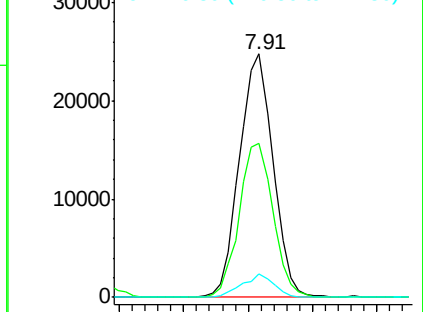
83 100

85 63.4 51.4 77.0

127 9.6 7.0 10.6



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



#48

Methyl methacrylate

Concen: 21.681 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

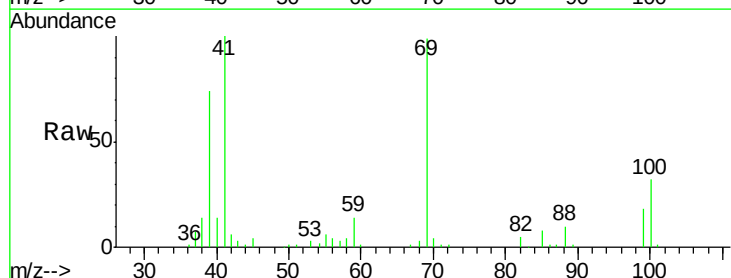
Tgt Ion: 41 Resp: 41080

Ion Ratio Lower Upper

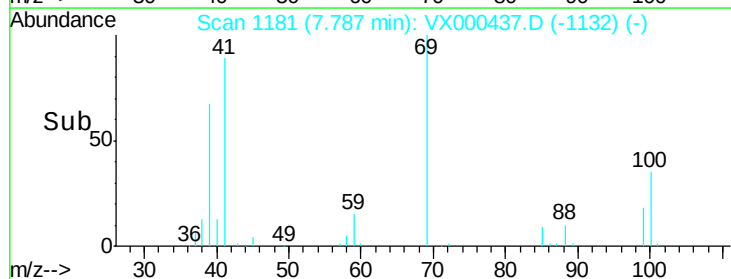
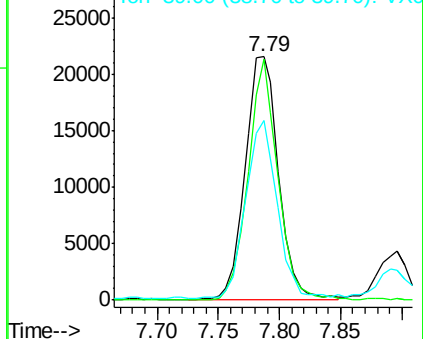
41 100

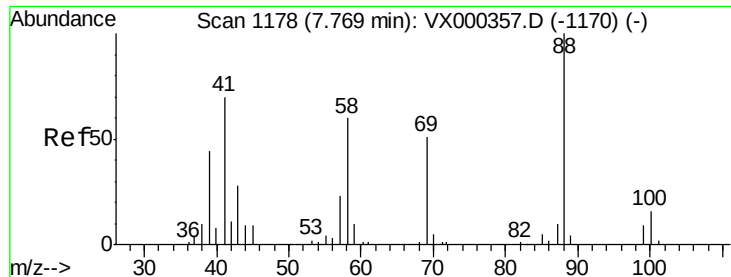
69 88.2 68.2 102.4

39 68.9 54.6 81.8



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

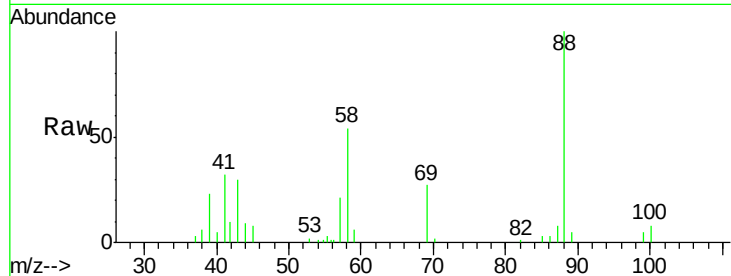




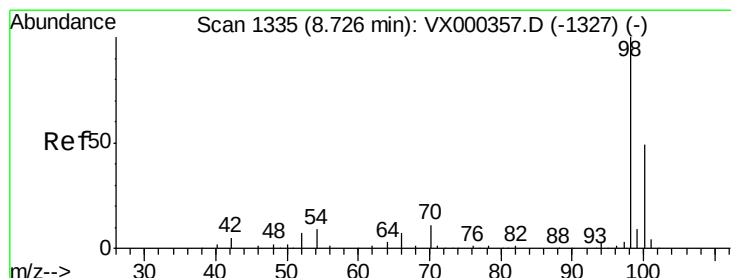
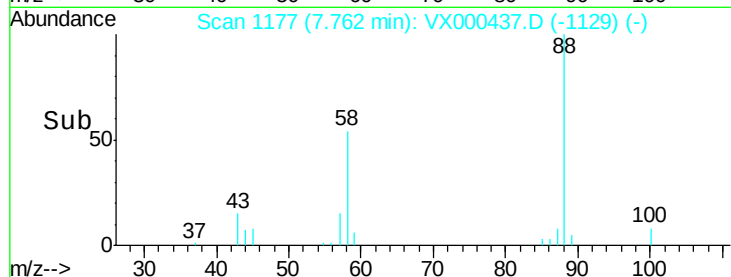
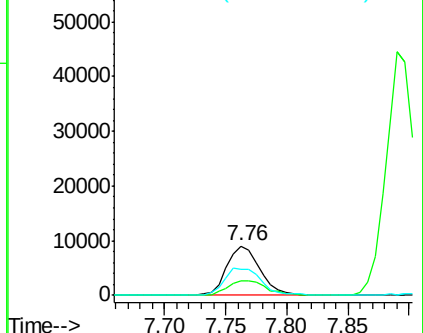
#49
1,4-Dioxane
Concen: 425.571 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 16949
Ion Ratio Lower Upper
88 100
43 35.5 26.8 40.2
58 61.3 52.2 78.2

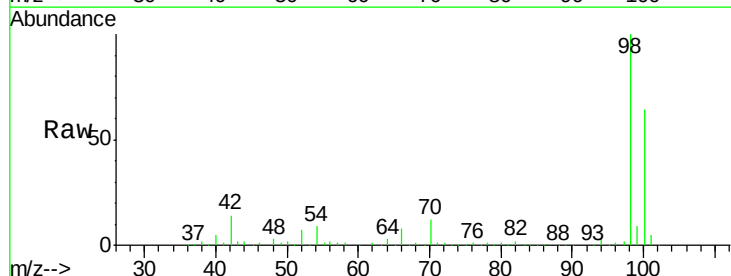


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

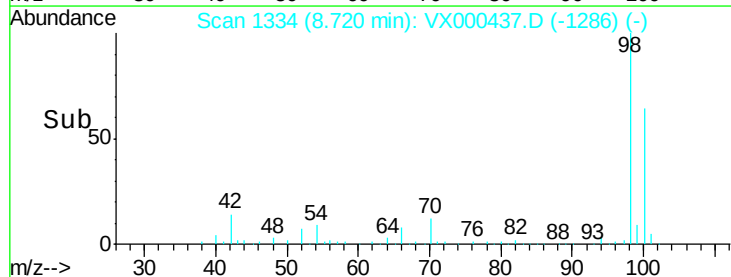
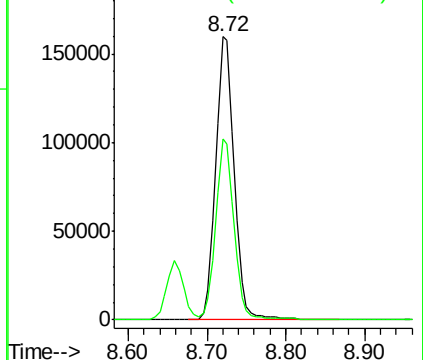


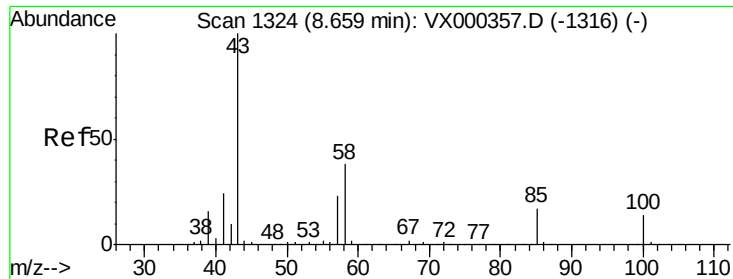
#50
Toluene-d8
Concen: 49.058 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion: 98 Resp: 262325
Ion Ratio Lower Upper
98 100
100 62.9 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 111.220 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

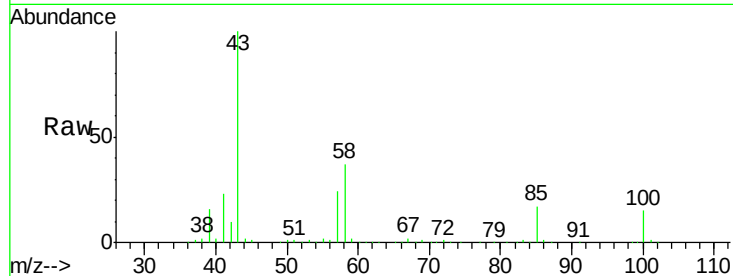
ClientSampleId :

Tot Ion: 43 Resp: 335977

Ion Ratio Lower Upper

43 100

58 36.4 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

250000

200000

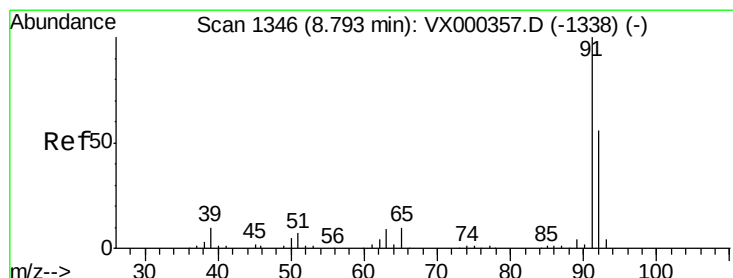
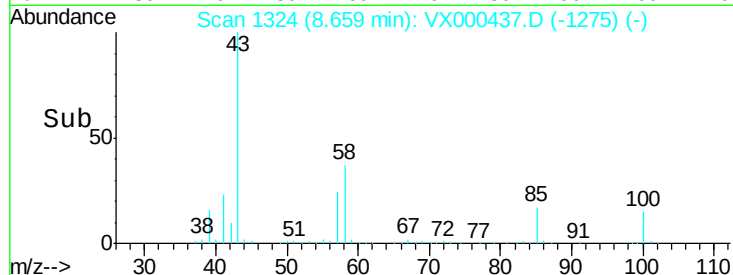
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.864 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000437.D

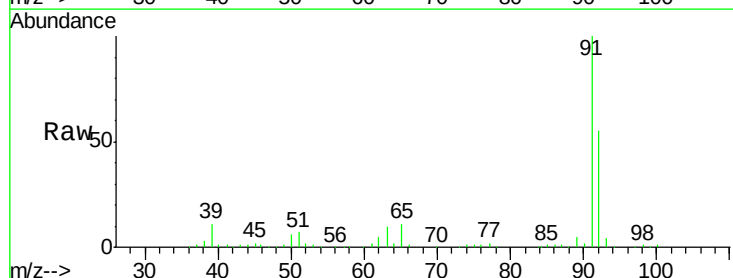
Acq: 26 Mar 2018 13:41

Tgt Ion: 92 Resp: 81300

Ion Ratio Lower Upper

92 100

91 178.1 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

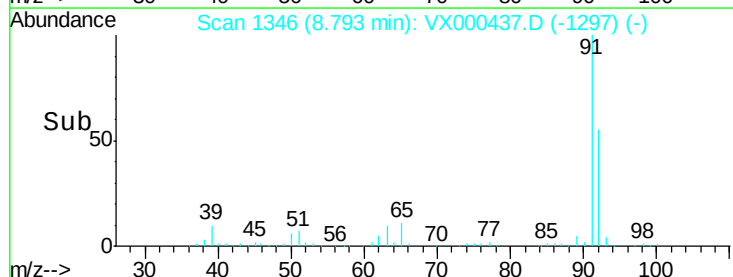
60000

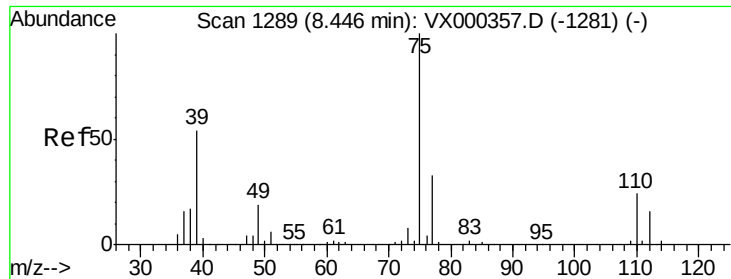
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 22.070 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

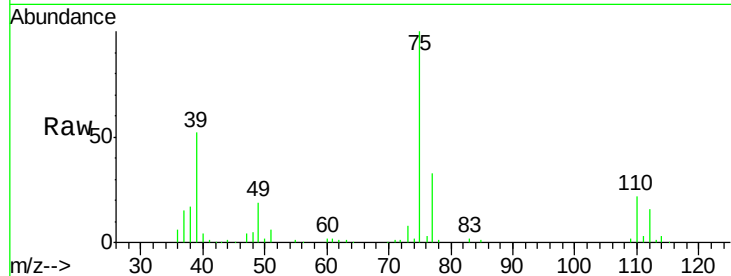
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 50392

Ion Ratio Lower Upper

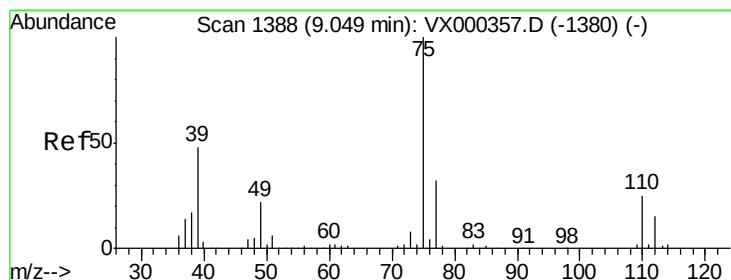
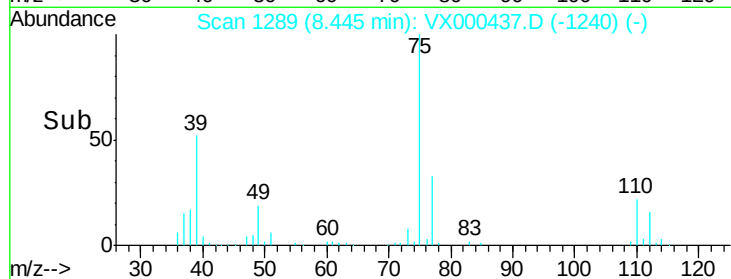
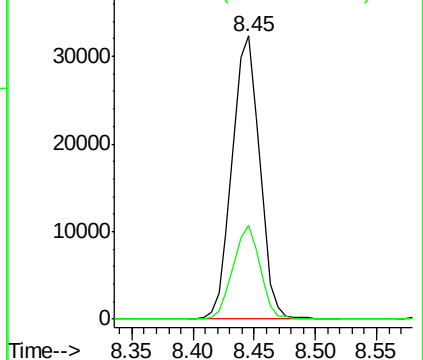
75 100

77 33.3 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: 21.880 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

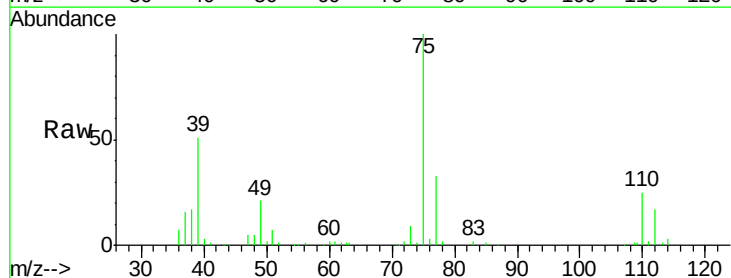
Tgt Ion: 75 Resp: 48458

Ion Ratio Lower Upper

75 100

77 33.2 26.1 39.1

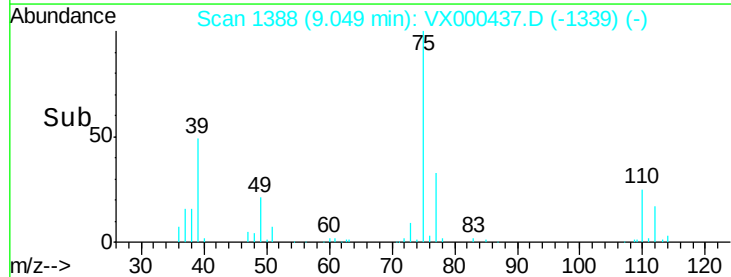
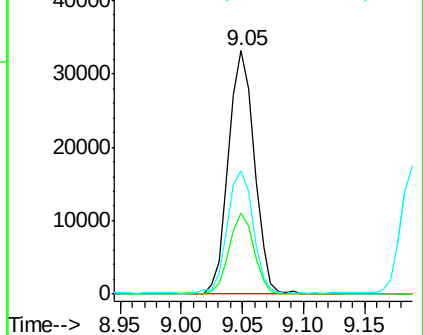
39 50.4 39.8 59.6

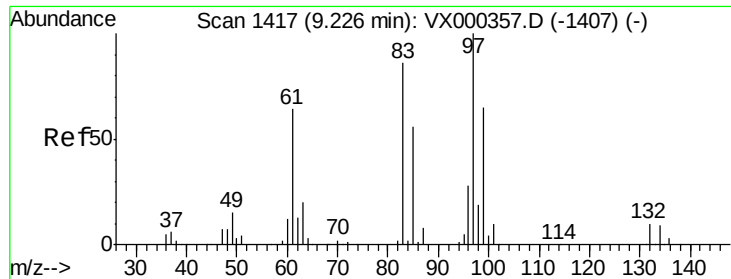


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

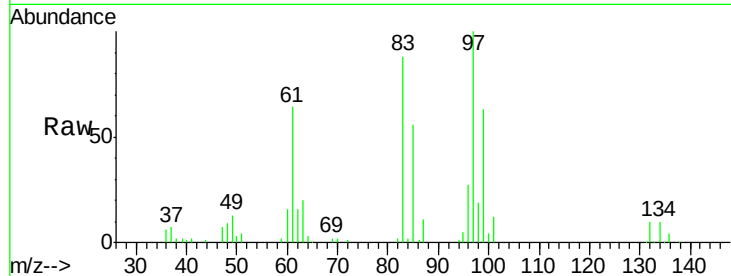




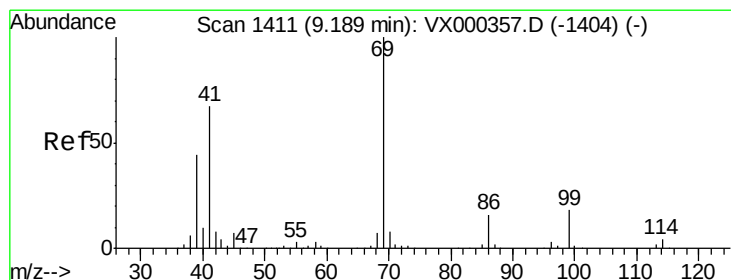
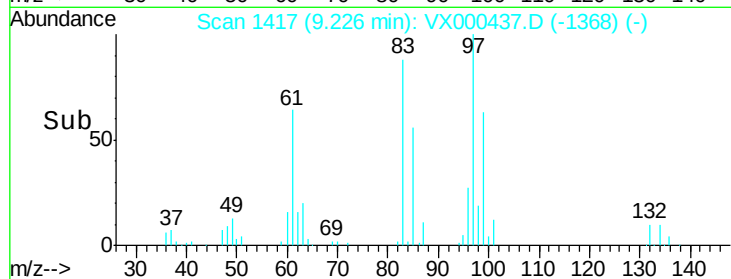
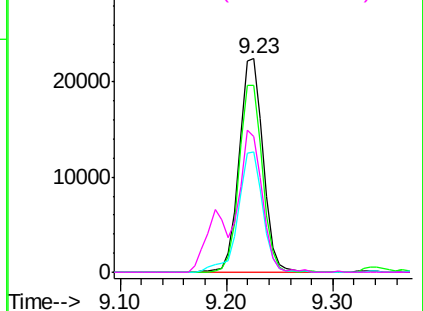
#55
1,1,2-Trichloroethane
Concen: 22.115 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 35438
Ion Ratio Lower Upper
97 100
83 87.7 67.9 101.9
85 56.5 42.8 64.2
99 63.1 49.4 74.2

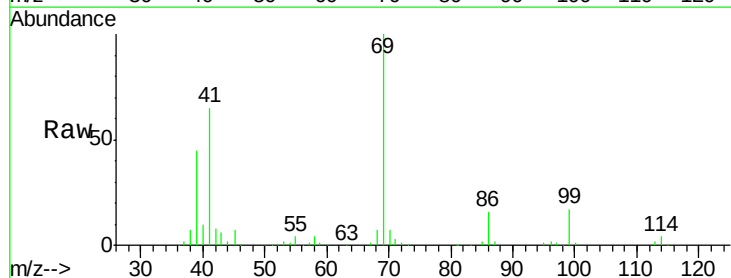


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

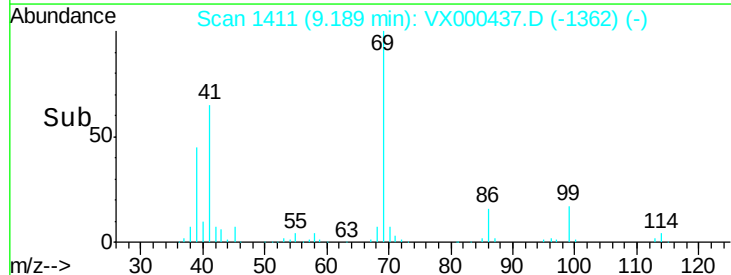
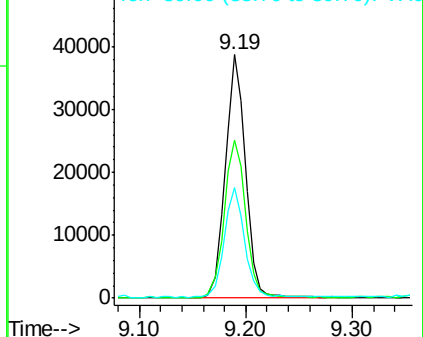


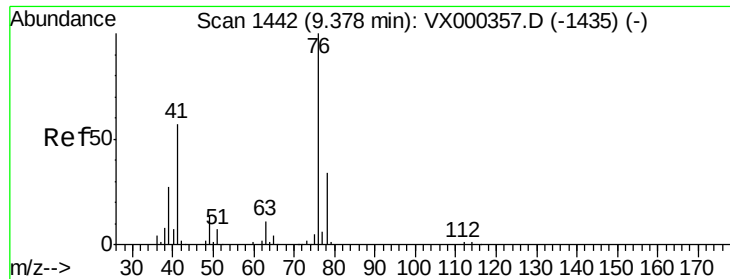
#56
Ethyl methacrylate
Concen: 21.321 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion: 69 Resp: 51773
Ion Ratio Lower Upper
69 100
41 68.0 53.0 79.6
39 44.8 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

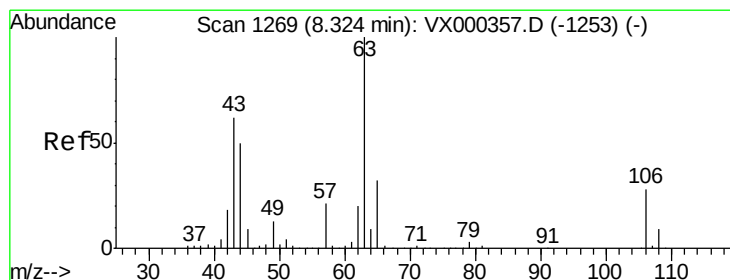
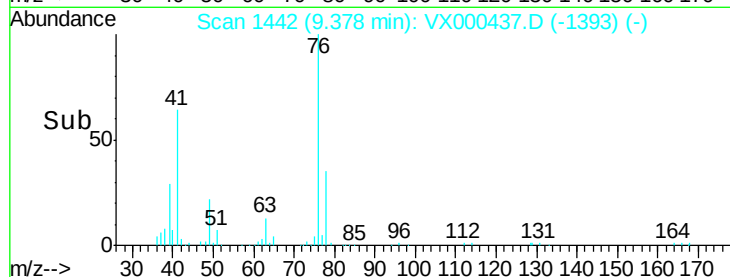
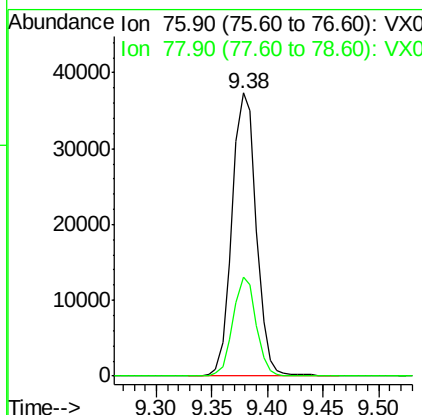
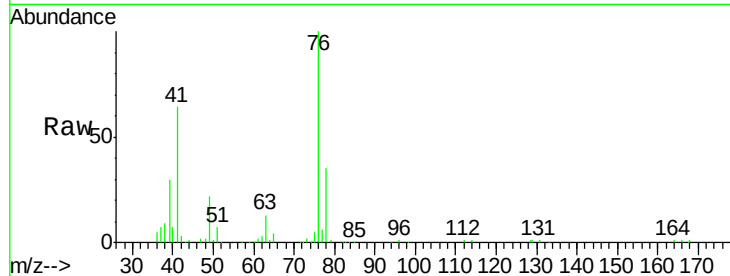




#57
 1,3-Dichloropropane
 Concen: 22.043 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

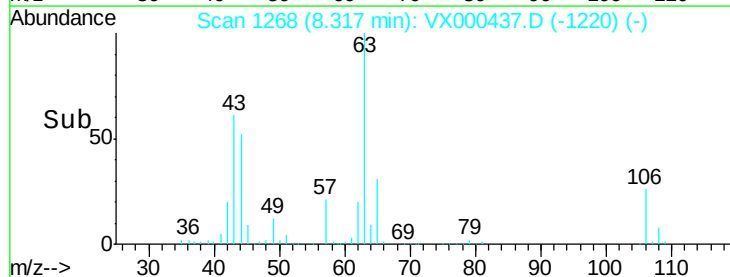
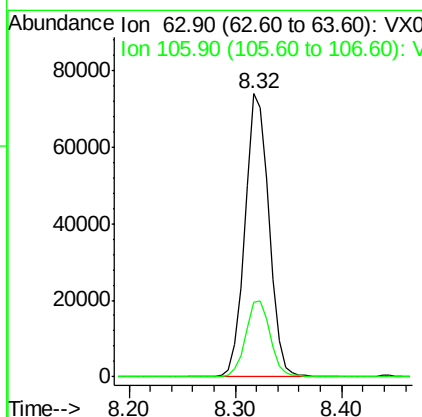
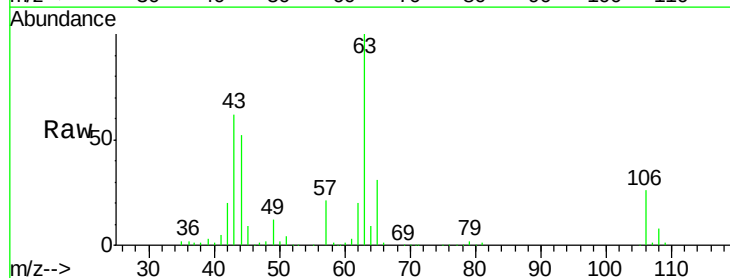
Instrument :
 MSVOA_X
 ClientSampleId :

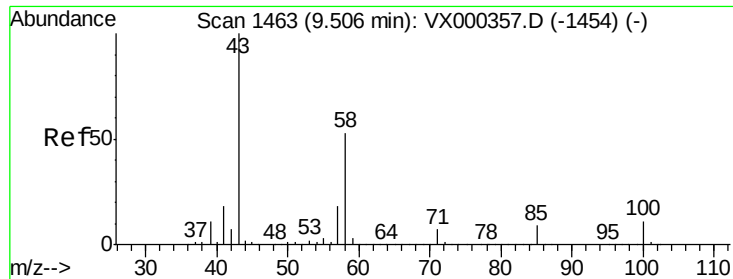
Tot Ion: 76 Resp: 56498
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.747 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion: 63 Resp: 117411
 Ion Ratio Lower Upper
 63 100
 106 27.6 23.2 34.8

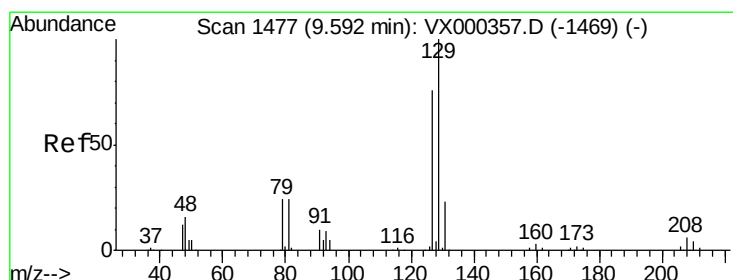
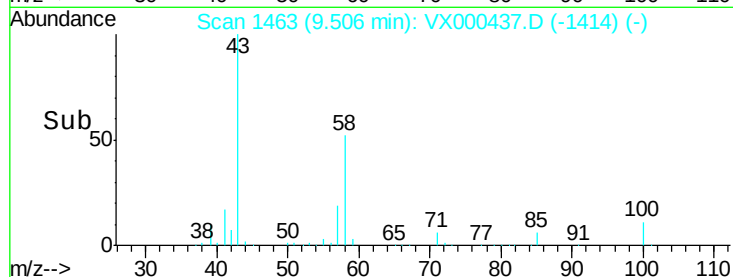
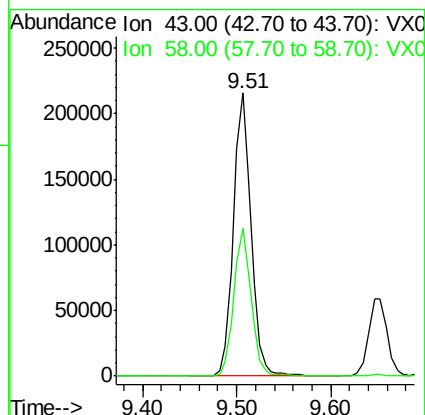
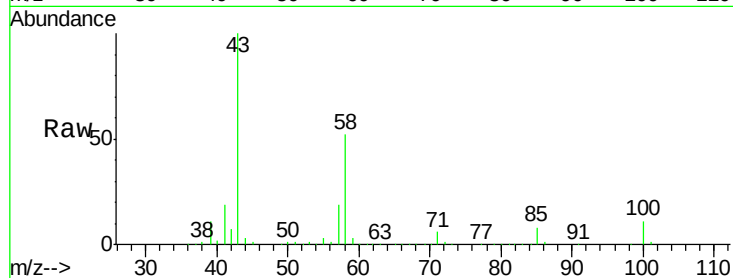




#59
2-Hexanone
Concen: 109.613 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

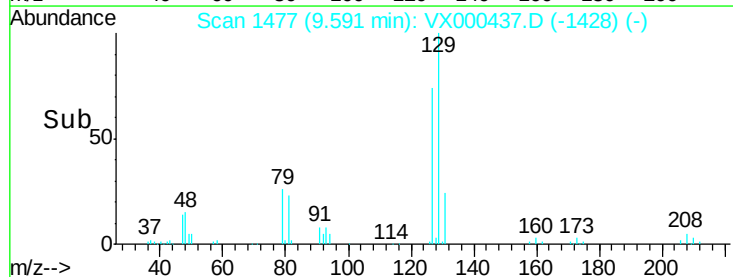
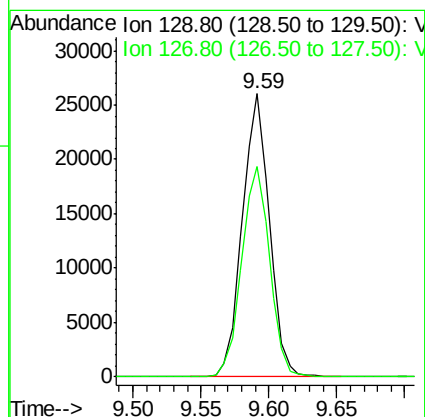
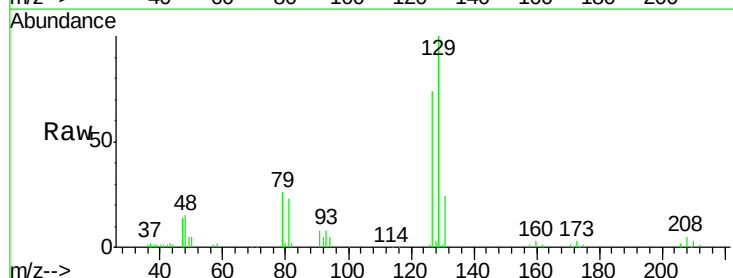
Instrument :
MSVOA_X
ClientSampleId :

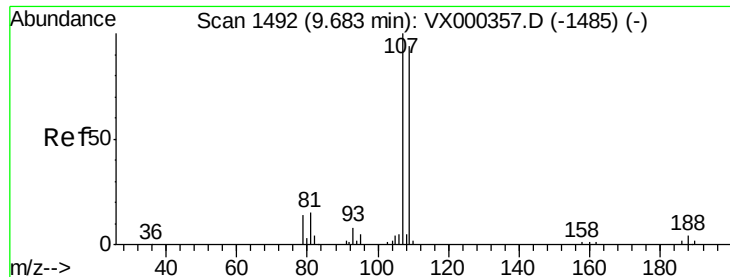
Tot Ion: 43 Resp: 281161
Ion Ratio Lower Upper
43 100
58 51.4 26.6 79.7



#60
Dibromochloromethane
Concen: 21.616 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion:129 Resp: 36162
Ion Ratio Lower Upper
129 100
127 76.9 37.9 113.6





#61

1,2-Dibromoethane

Concen: 21.653 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

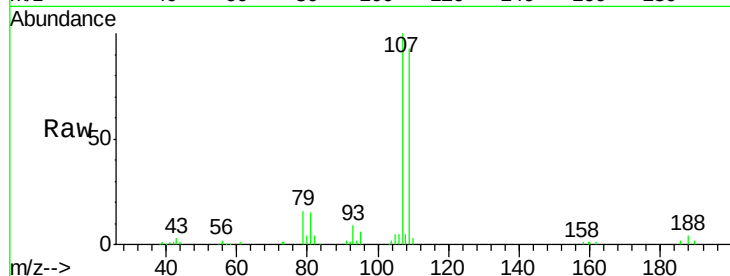
ClientSampleId :

Tot Ion:107 Resp: 37210

Ion Ratio Lower Upper

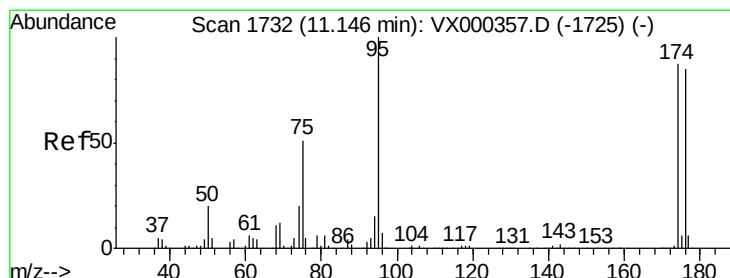
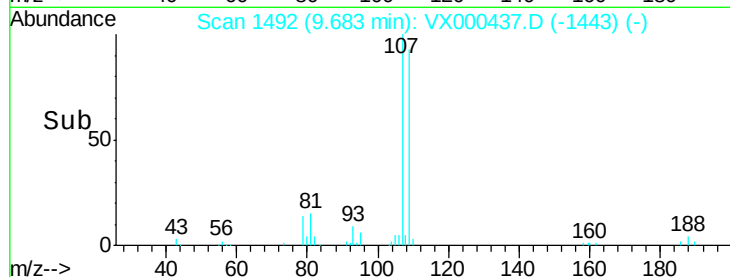
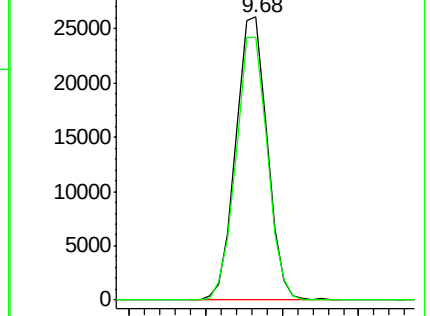
107 100

109 93.2 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: 44.061 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

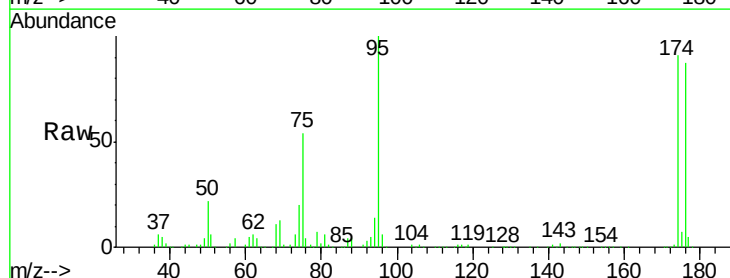
Tgt Ion: 95 Resp: 97673

Ion Ratio Lower Upper

95 100

174 90.6 0.0 173.6

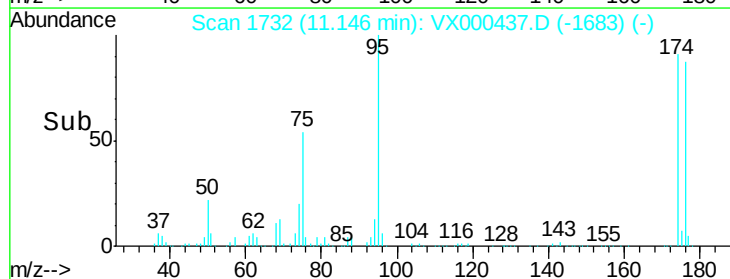
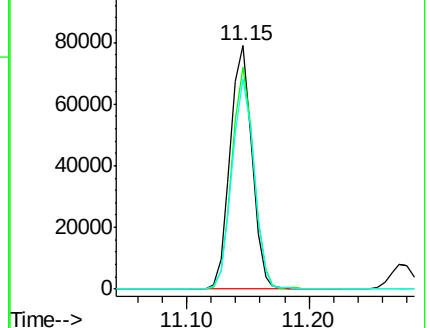
176 87.2 0.0 164.6

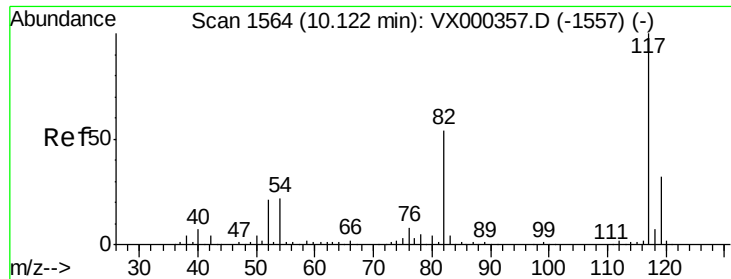


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

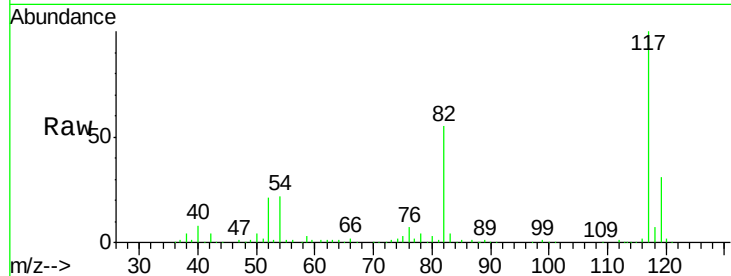




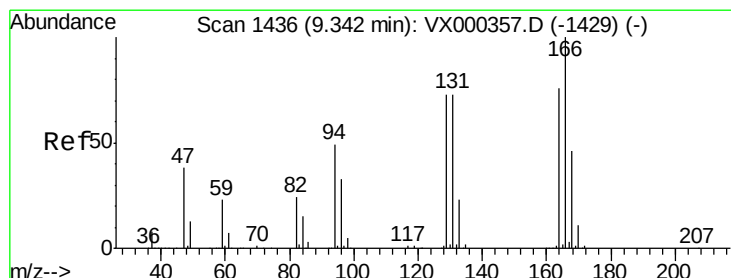
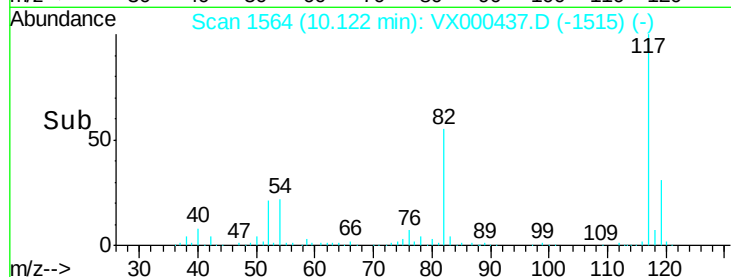
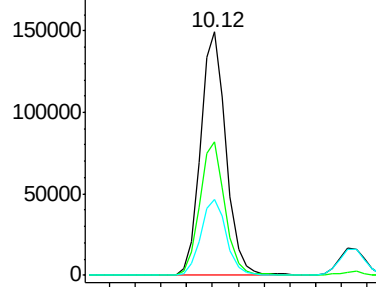
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 207268
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 31.2 24.9 37.3

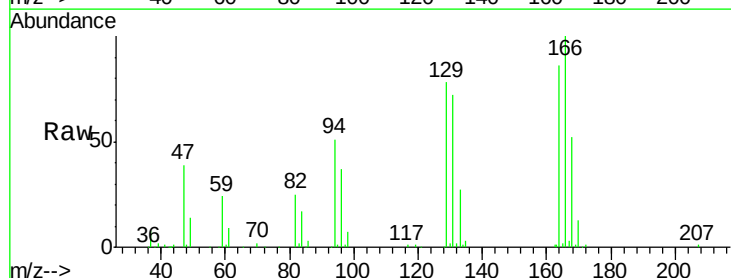


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

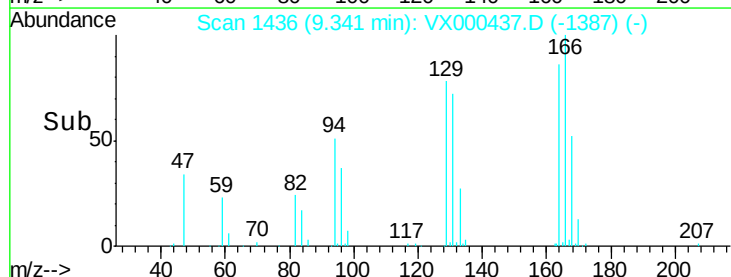
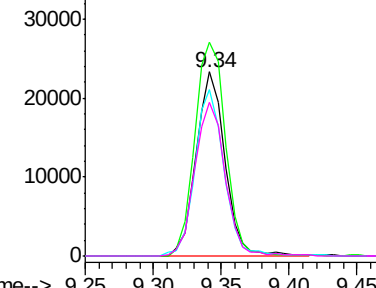


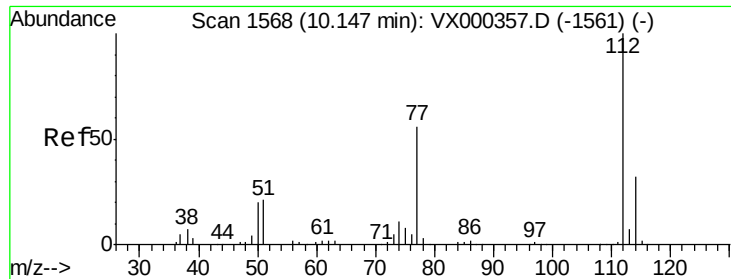
#64
Tetrachloroethene
Concen: 21.438 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion:164 Resp: 34481
Ion Ratio Lower Upper
164 100
166 116.0 101.0 151.6
129 90.7 79.0 118.4
131 83.4 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: 20.641 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

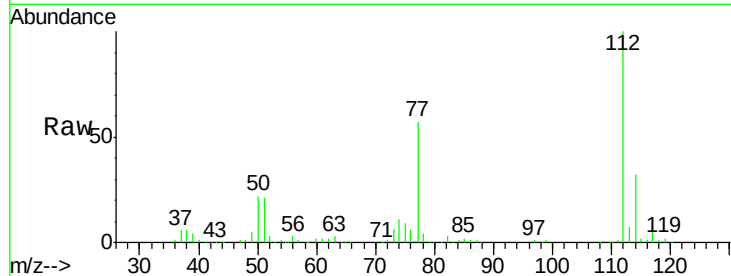
ClientSampleId :

Tot Ion:112 Resp: 95212

Ion Ratio Lower Upper

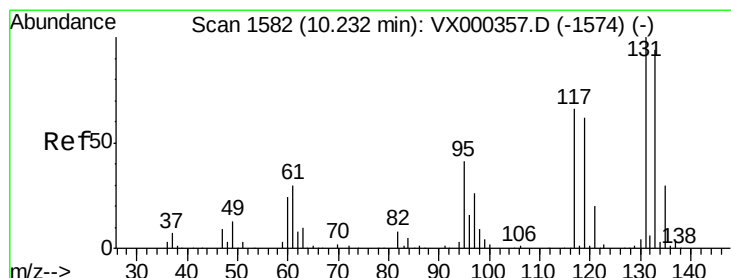
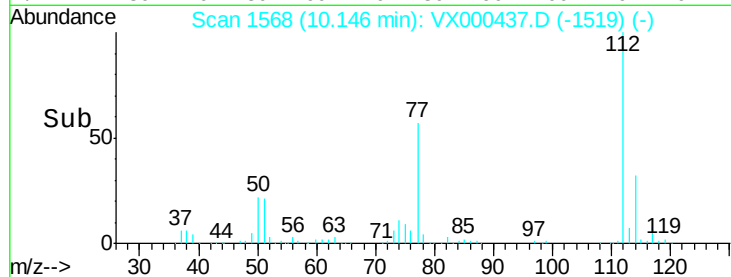
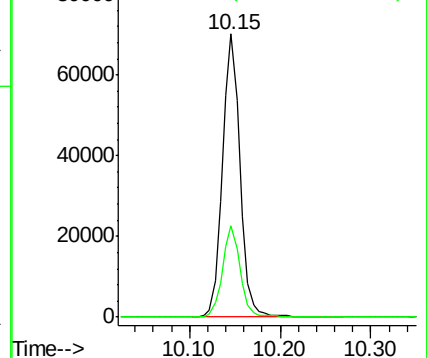
112 100

114 32.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.545 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

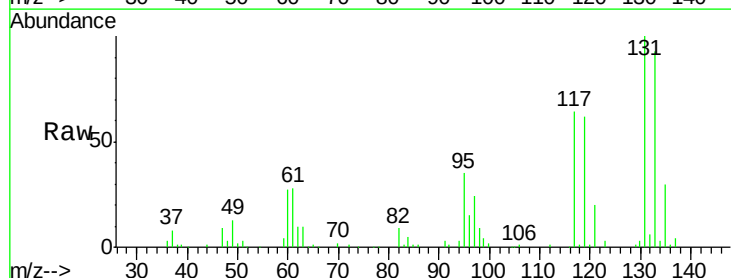
Tgt Ion:131 Resp: 33752

Ion Ratio Lower Upper

131 100

133 98.6 47.1 141.3

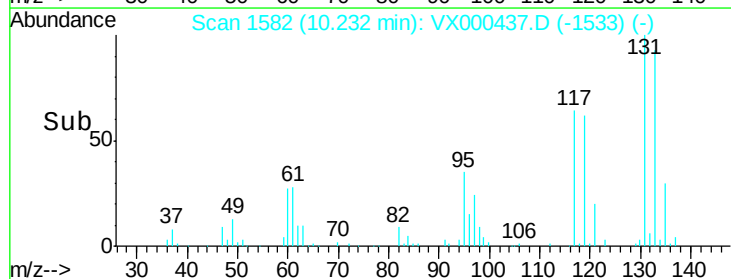
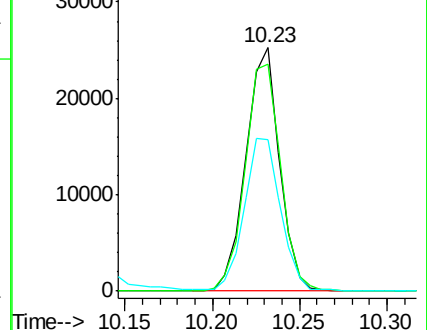
119 68.0 33.1 99.2

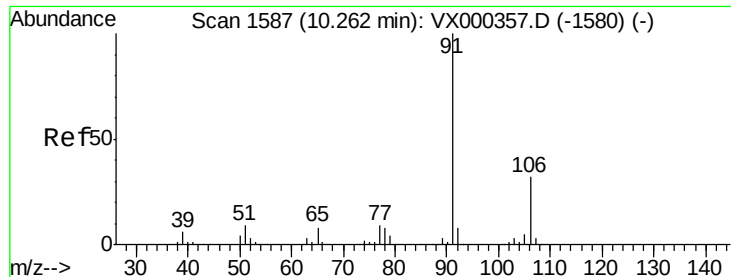


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.753 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

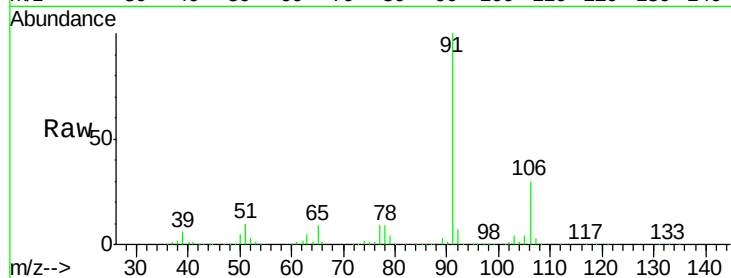
ClientSampleId :

Tot Ion: 91 Resp: 162275

Ion Ratio Lower Upper

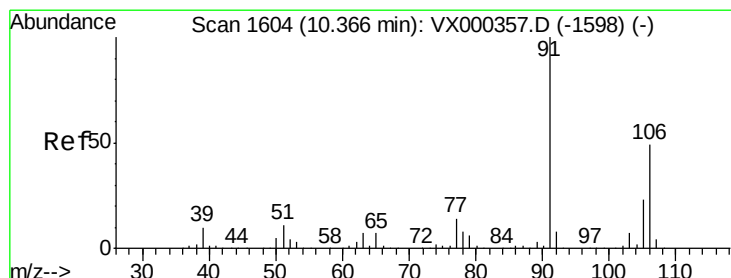
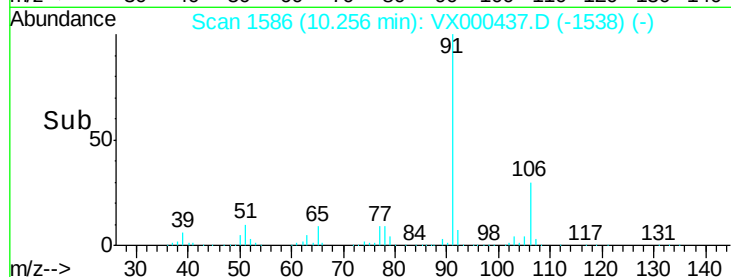
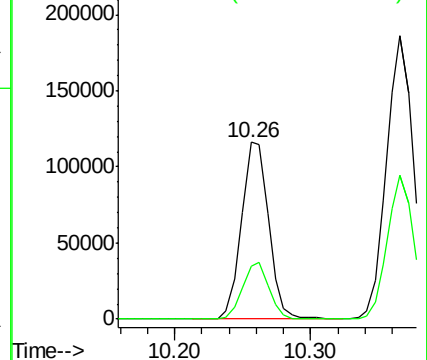
91 100

106 30.2 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.643 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000437.D

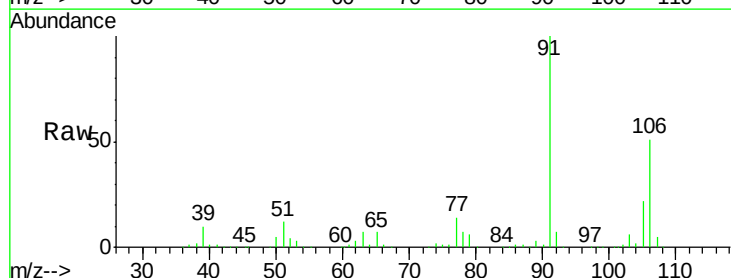
Acq: 26 Mar 2018 13:41

Tgt Ion: 106 Resp: 128132

Ion Ratio Lower Upper

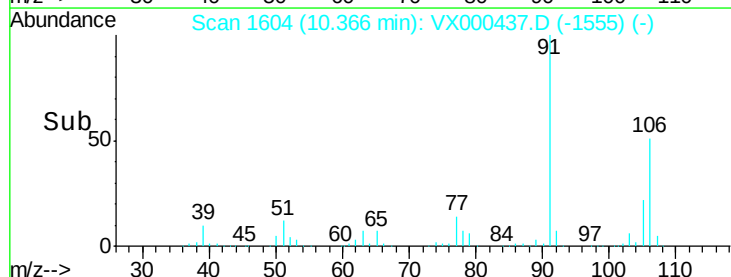
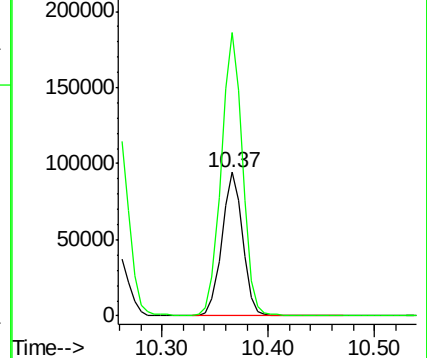
106 100

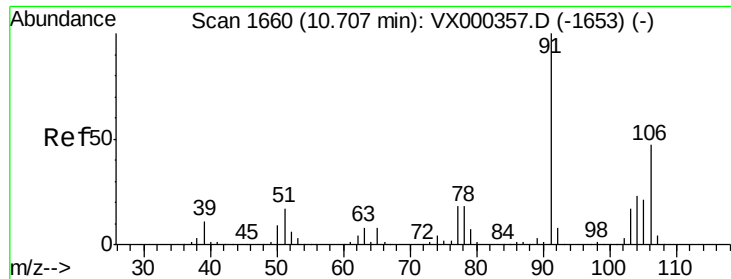
91 201.9 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

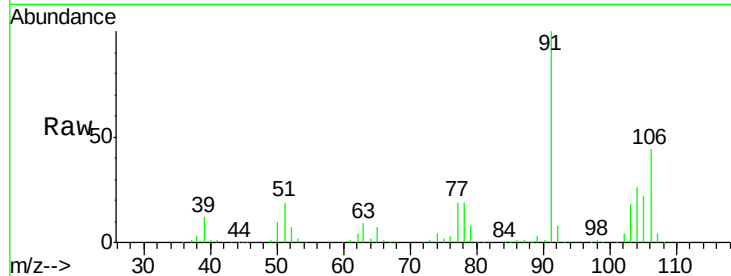




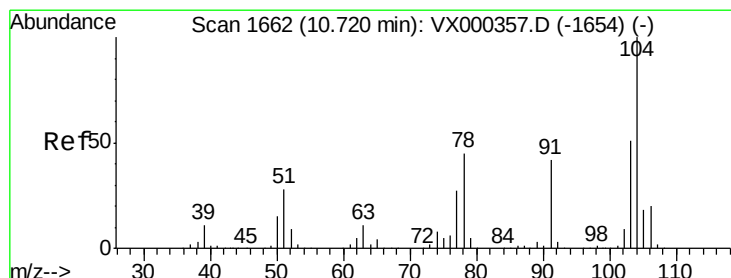
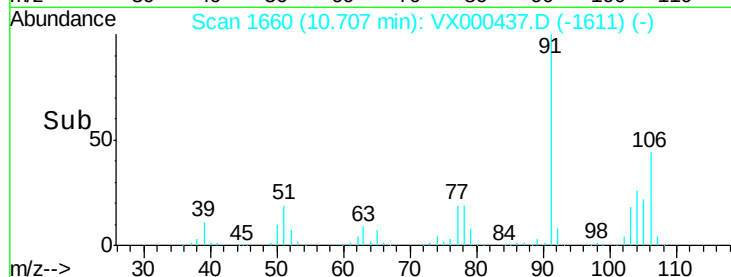
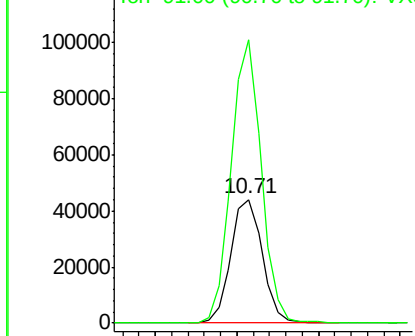
#69
o-Xylene
Concen: 19.925 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 59359
Ion Ratio Lower Upper
106 100
91 218.6 106.5 319.6

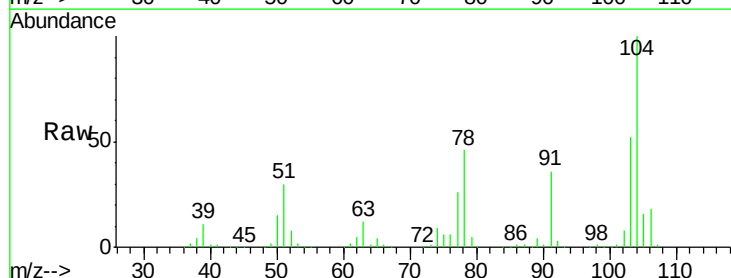


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

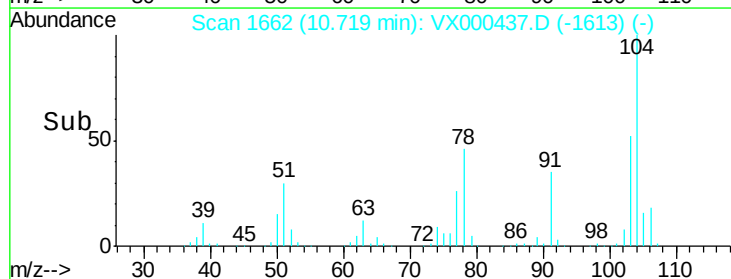
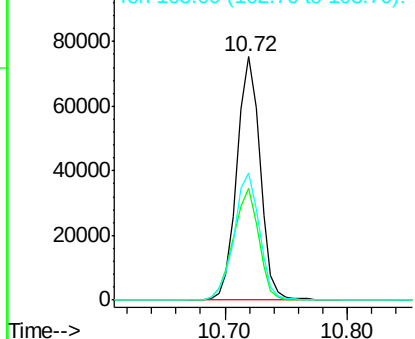


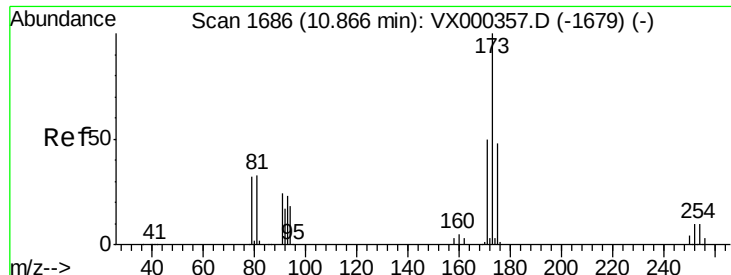
#70
Styrene
Concen: 20.023 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000437.D
Acq: 26 Mar 2018 13:41

Tgt Ion:104 Resp: 98702
Ion Ratio Lower Upper
104 100
78 50.4 40.5 60.7
103 56.6 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: 20.469 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

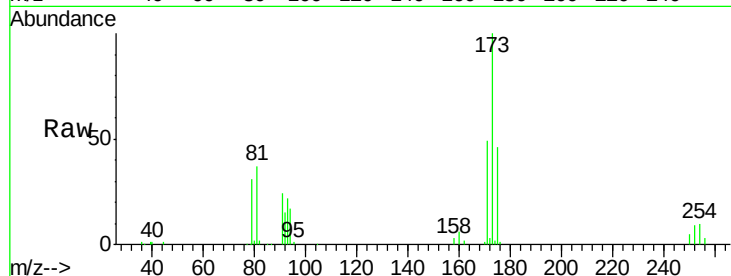
Tot Ion:173 Resp: 28329

Ion Ratio Lower Upper

173 100

175 49.0 25.4 76.4

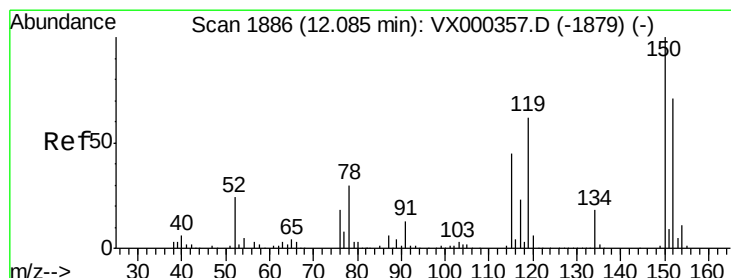
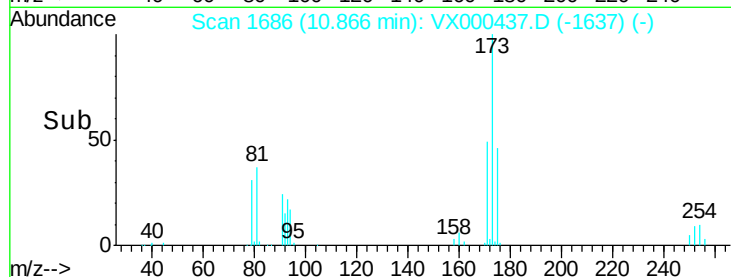
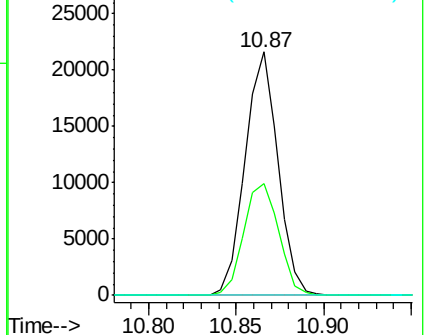
254 0.0 0.0 0.0



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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

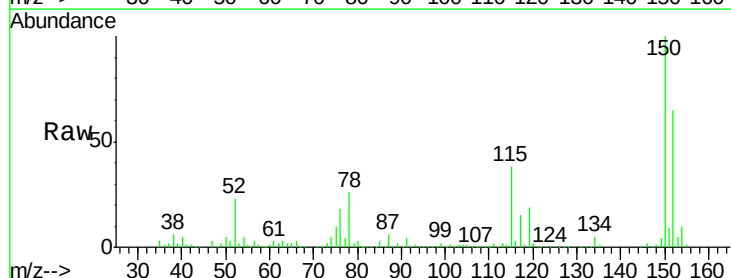
Tgt Ion:152 Resp: 115672

Ion Ratio Lower Upper

152 100

115 66.7 39.8 119.3

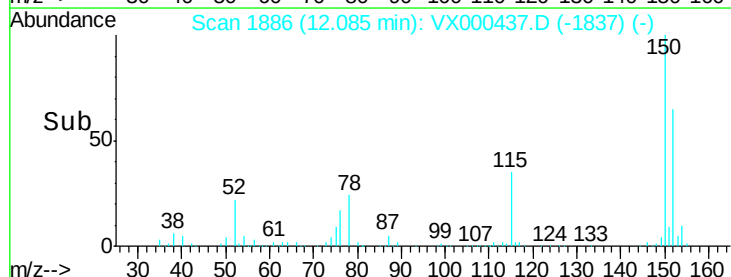
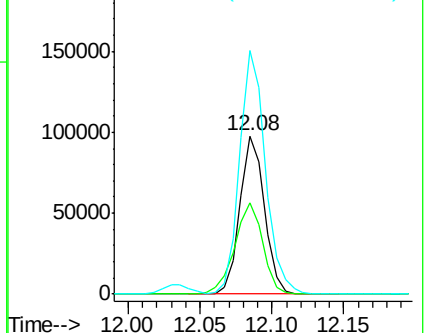
150 162.1 0.0 344.4

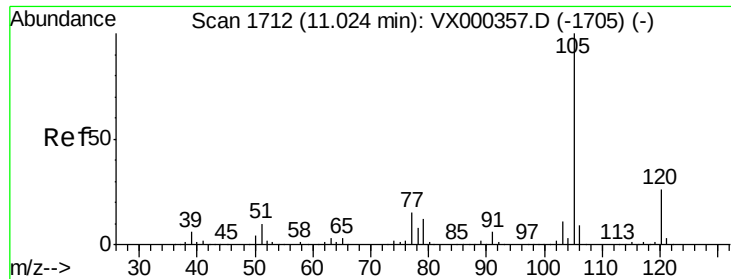


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.071 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

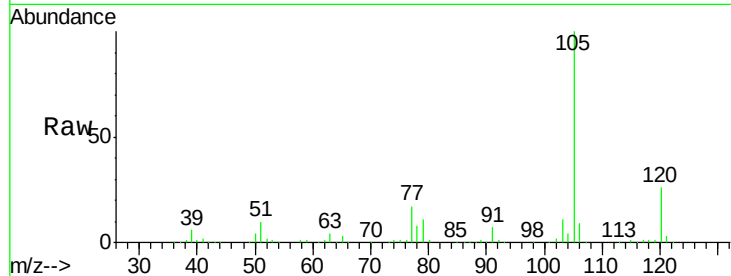
ClientSampled :

Tot Ion:105 Resp: 169155

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

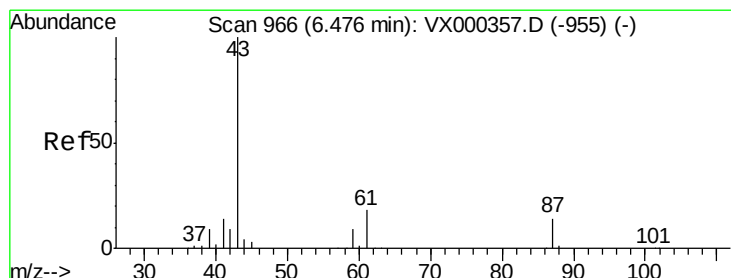
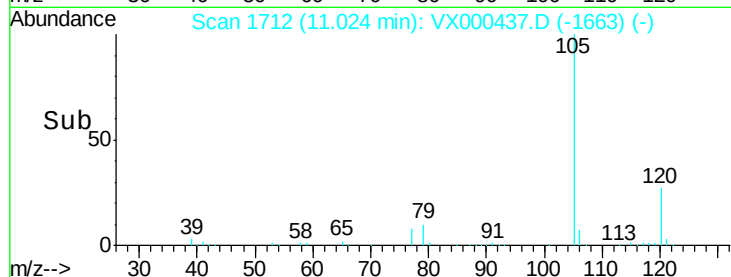
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 23.250 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Tgt Ion: 43 Resp: 83556

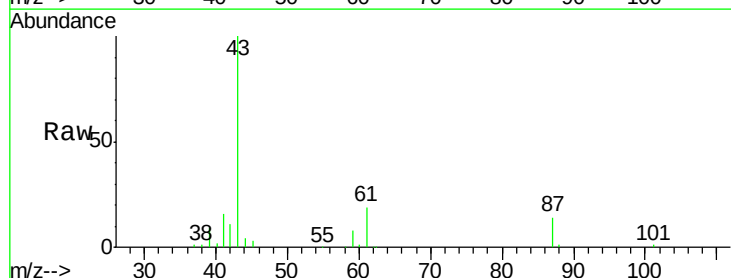
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.8 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

6.48

50000

40000

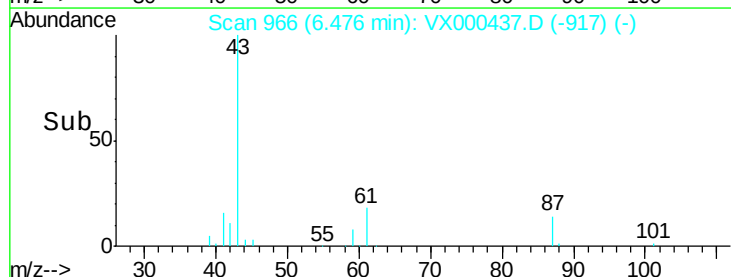
30000

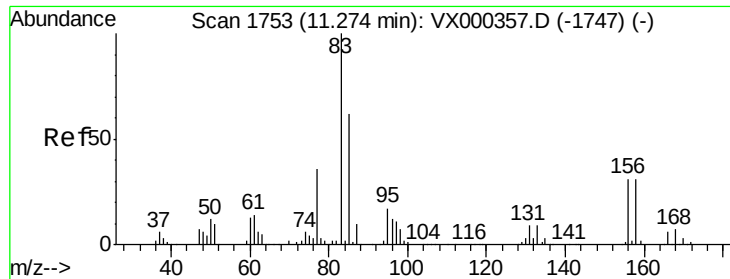
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.477 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

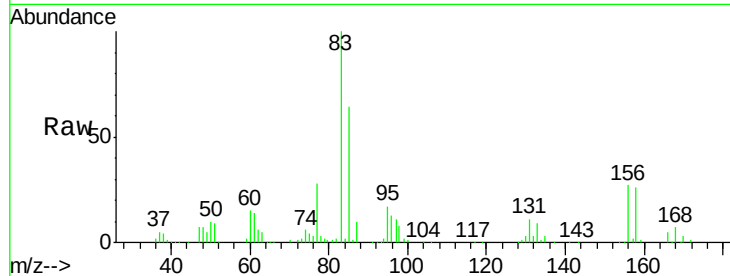
Tot Ion: 83 Resp: 63640

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

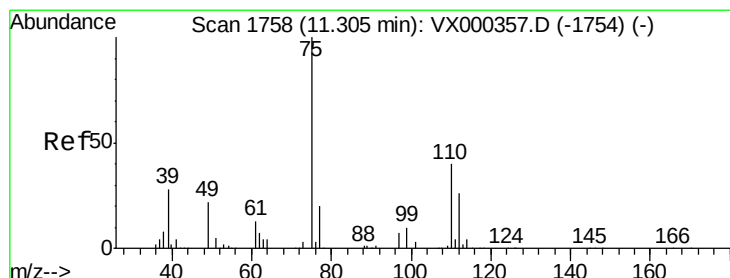
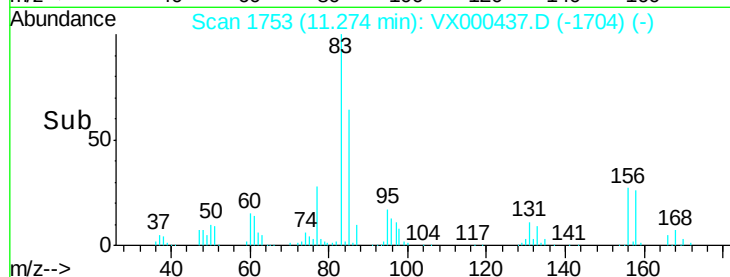
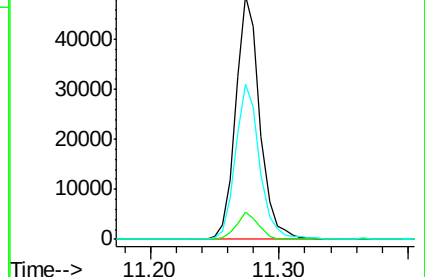
85 63.8 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 28.523 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000437.D

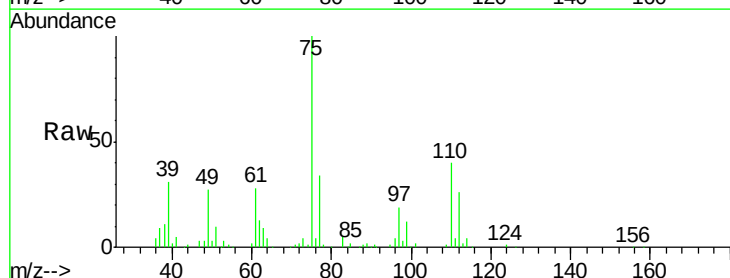
Acq: 26 Mar 2018 13:41

Tgt Ion: 75 Resp: 70905

Ion Ratio Lower Upper

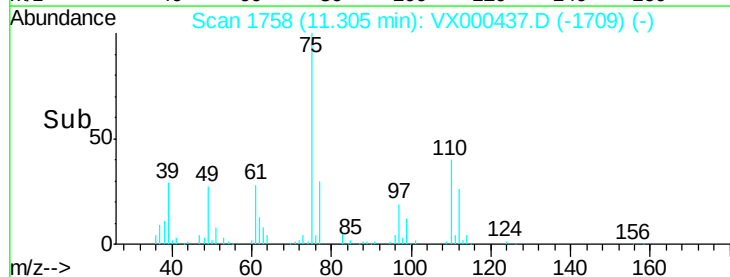
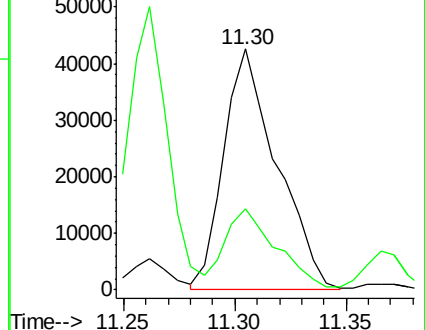
75 100

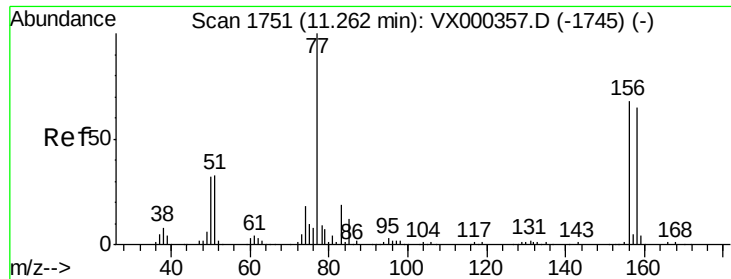
77 32.8 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.584 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

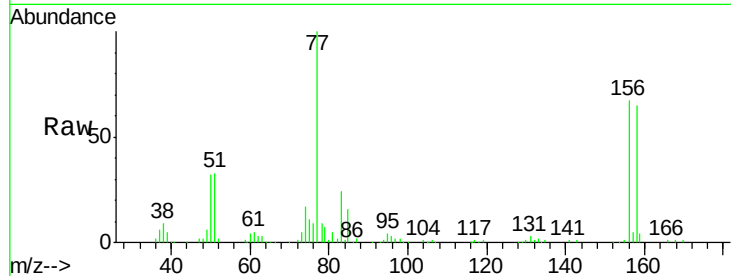
Tot Ion:156 Resp: 42026

Ion Ratio Lower Upper

156 100

77 149.3 73.4 220.2

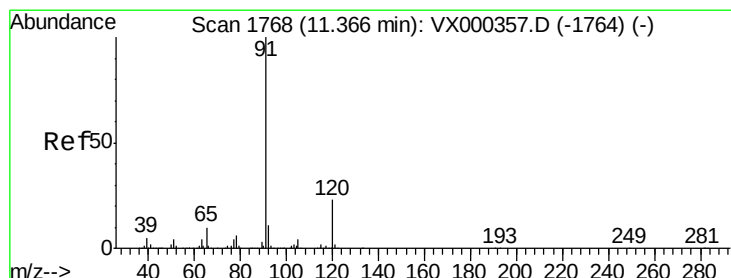
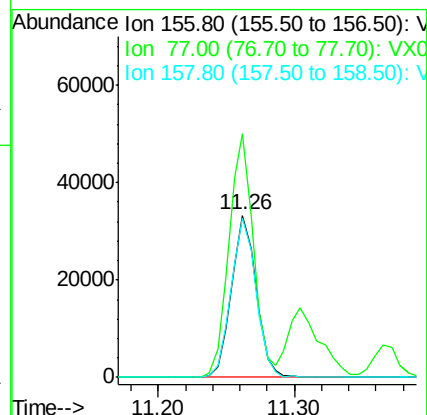
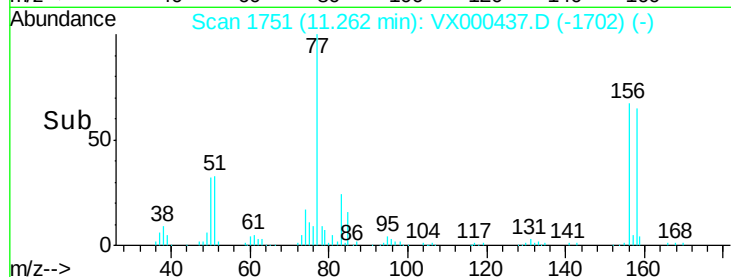
158 98.7 48.5 145.6



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: 21.882 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000437.D

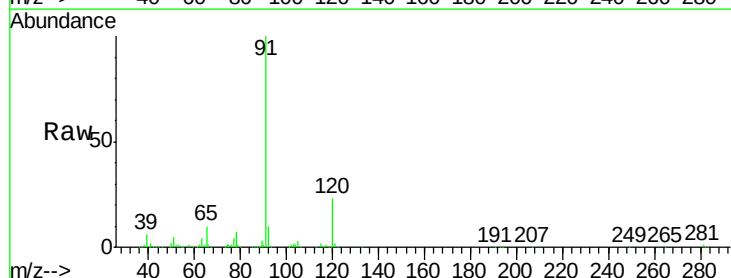
Acq: 26 Mar 2018 13:41

Tgt Ion: 91 Resp: 199967

Ion Ratio Lower Upper

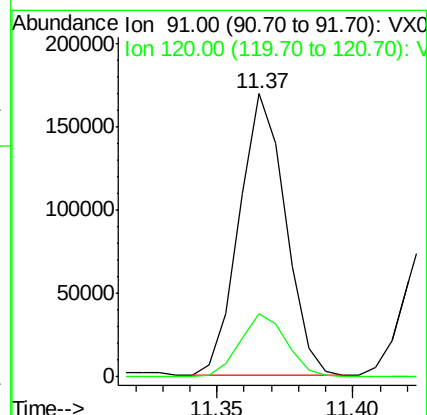
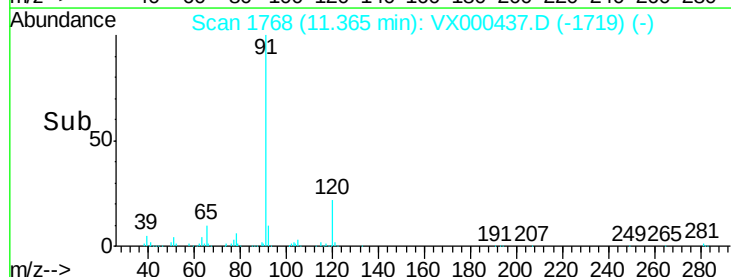
91 100

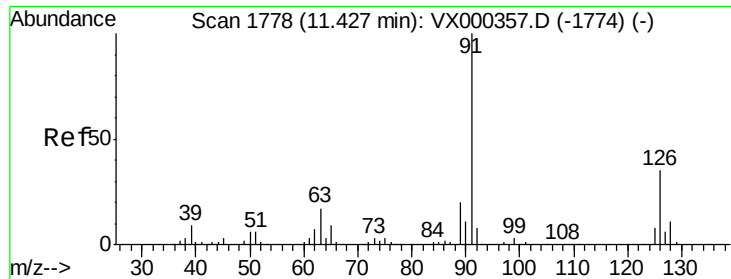
120 22.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.214 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

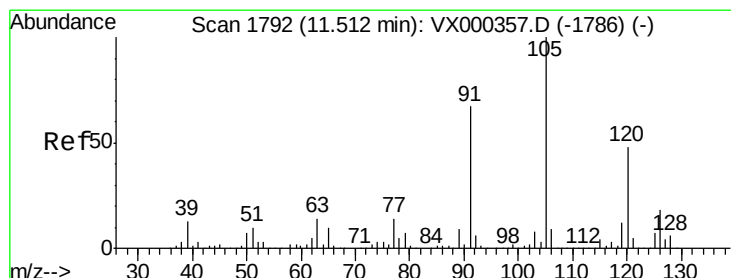
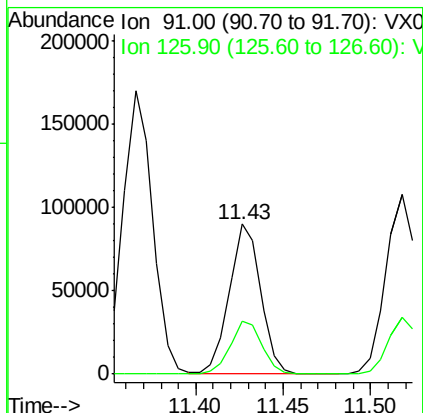
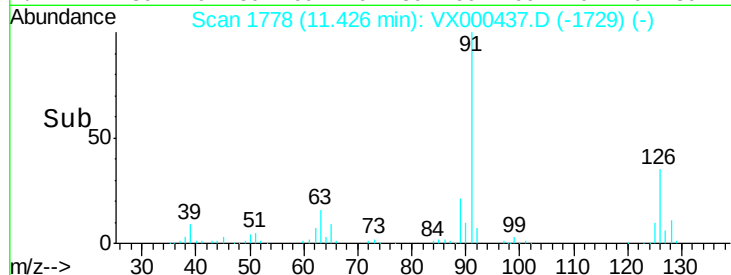
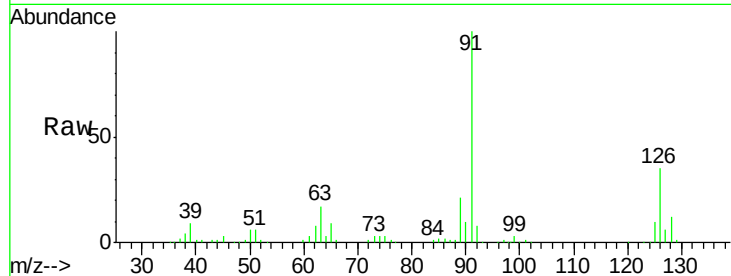
ClientSampled :

Tot Ion: 91 Resp: 111992

Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 21.998 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000437.D

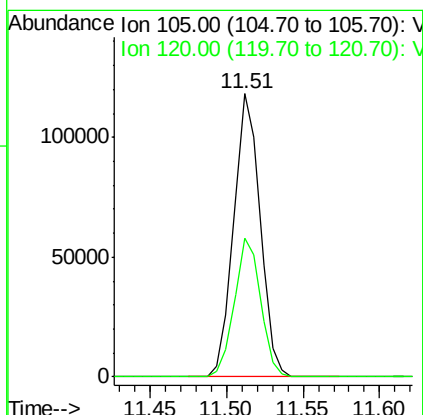
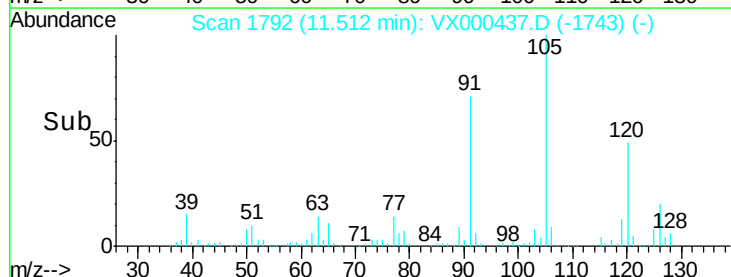
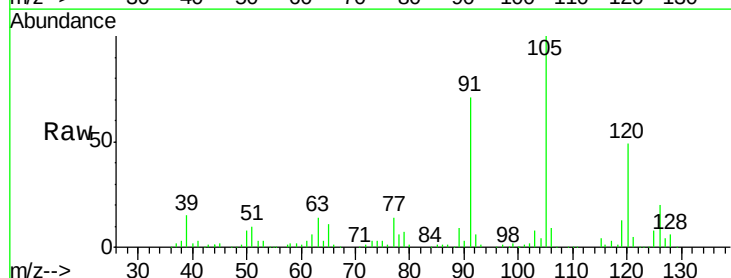
Acq: 26 Mar 2018 13:41

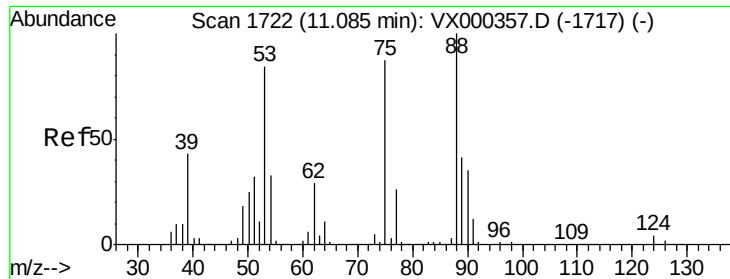
Tgt Ion: 105 Resp: 141761

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 21.757 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampled :

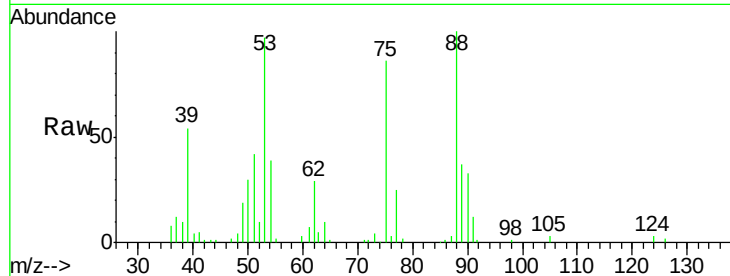
Tot Ion: 75 Resp: 16706

Ion Ratio Lower Upper

75 100

53 105.8 80.7 121.1

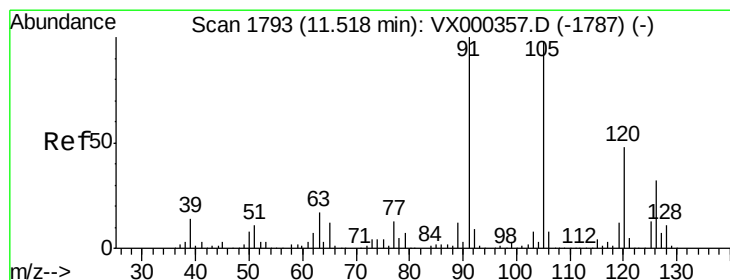
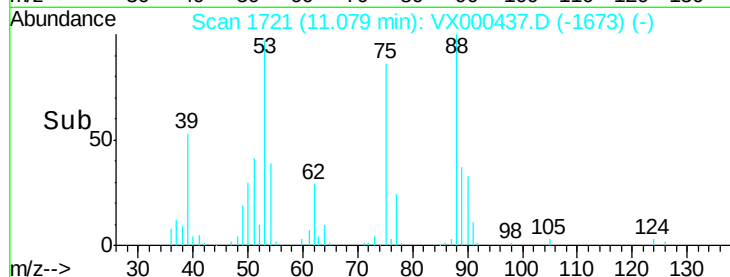
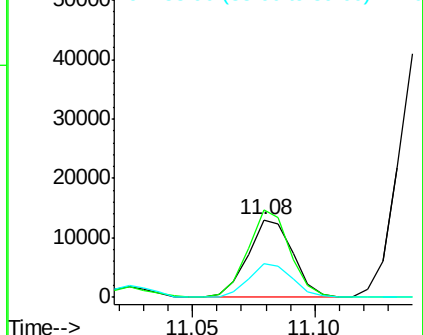
89 43.1 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.370 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000437.D

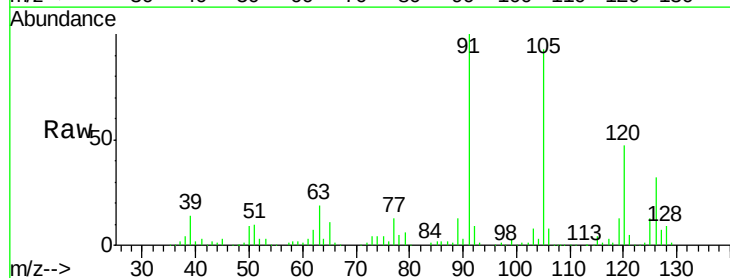
Acq: 26 Mar 2018 13:41

Tgt Ion: 91 Resp: 134704

Ion Ratio Lower Upper

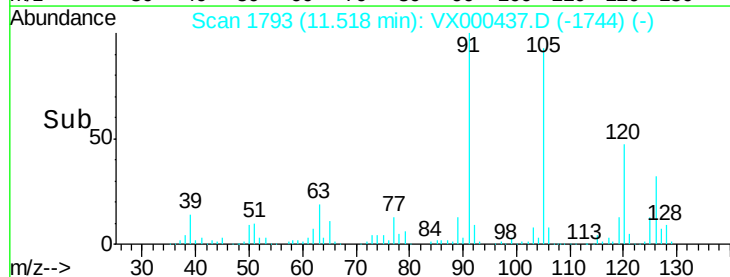
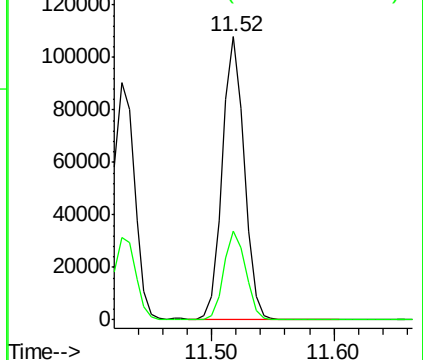
91 100

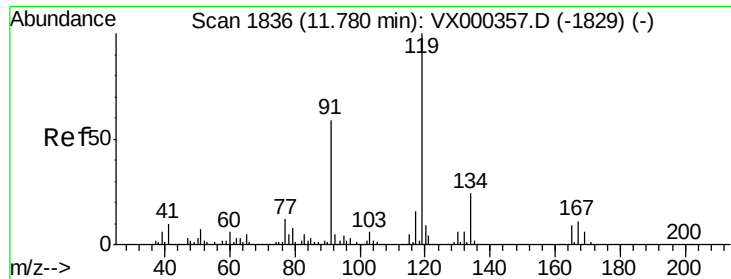
126 31.2 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

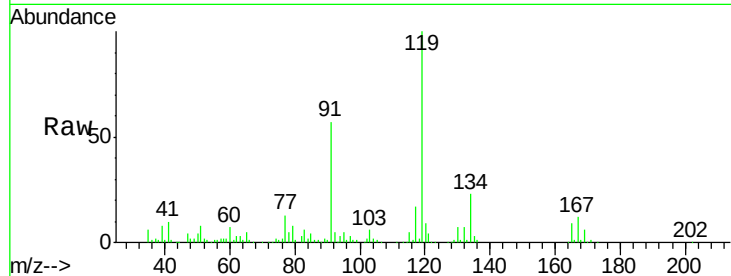




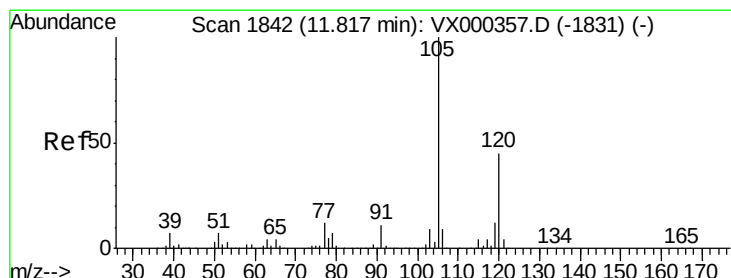
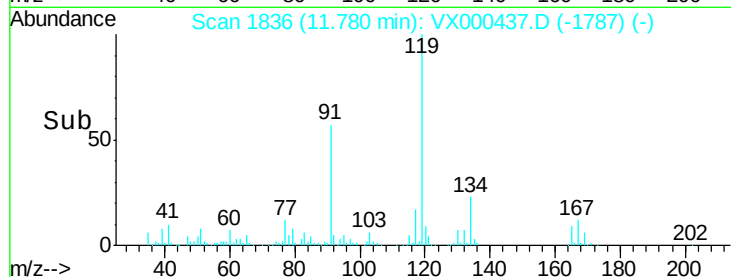
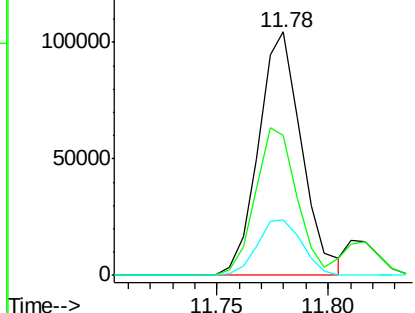
#83
 tert-Butylbenzene
 Concen: 21.570 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.3	28.8	86.4
134	23.6	11.4	34.1

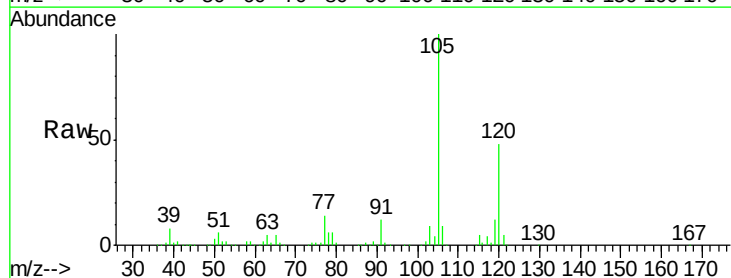


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

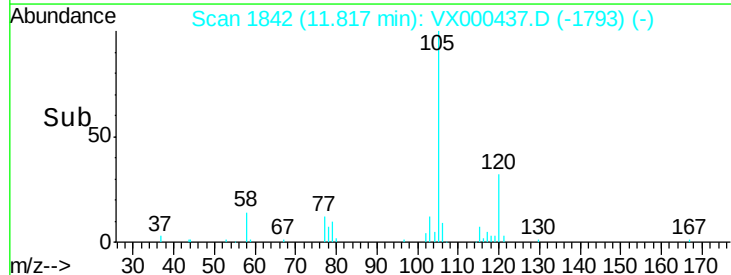
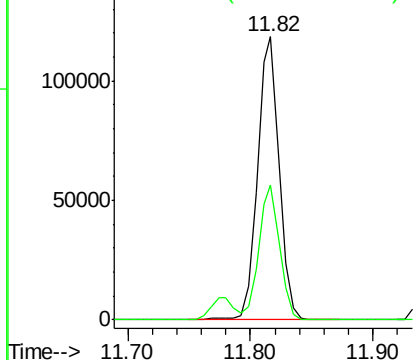


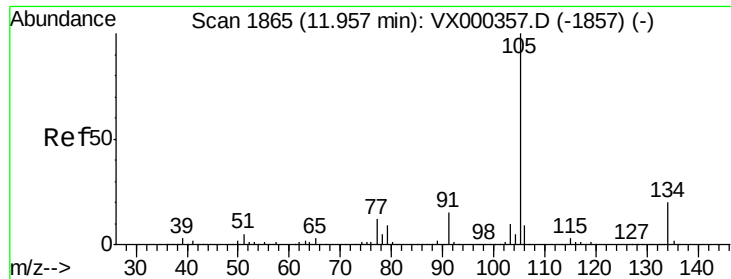
#84
 1,2,4-Trimethylbenzene
 Concen: 21.710 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.4	67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.770 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

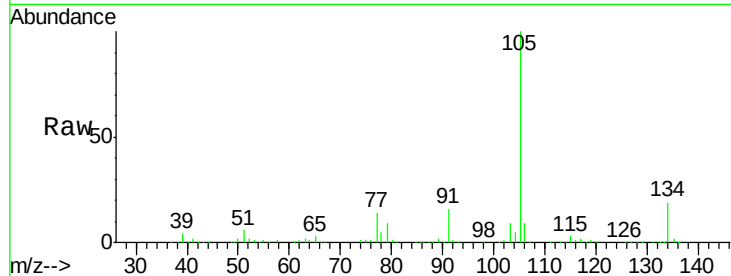
ClientSampled :

Tot Ion:105 Resp: 175072

Ion Ratio Lower Upper

105 100

134 19.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

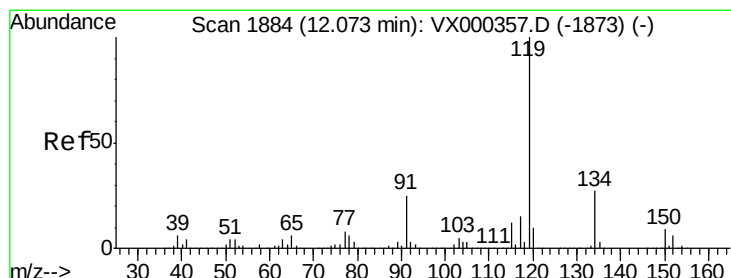
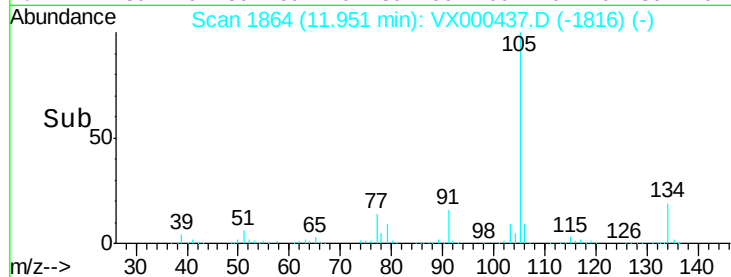
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.732 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

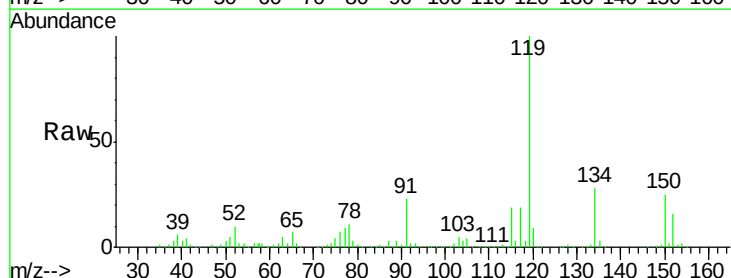
Tgt Ion:119 Resp: 155206

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 24.4 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): V

12.07

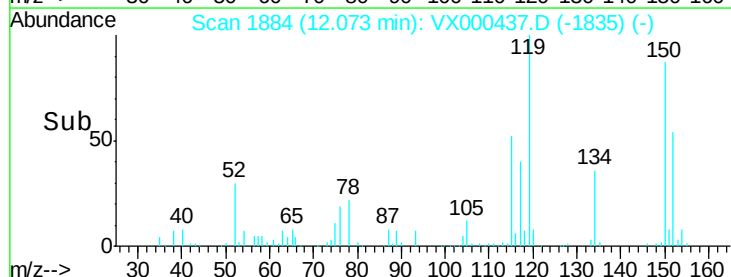
150000

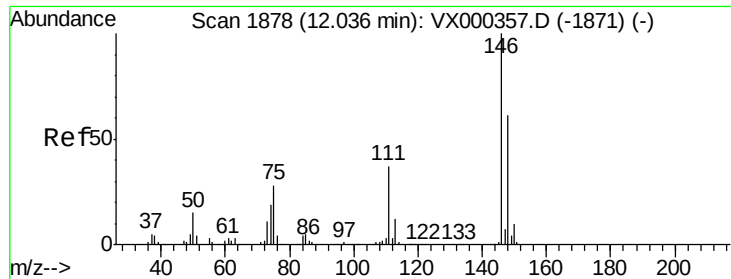
100000

50000

0

Time-->

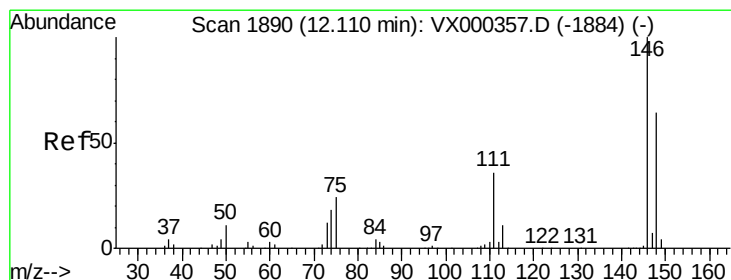
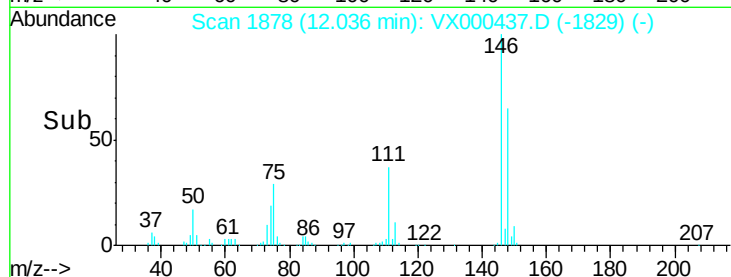
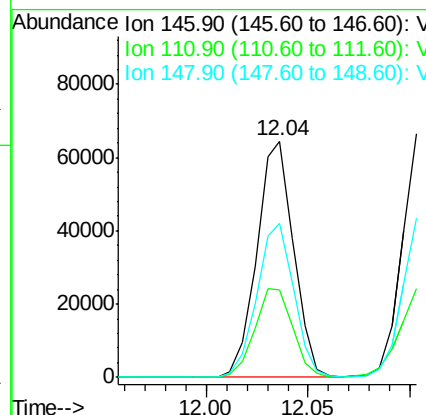
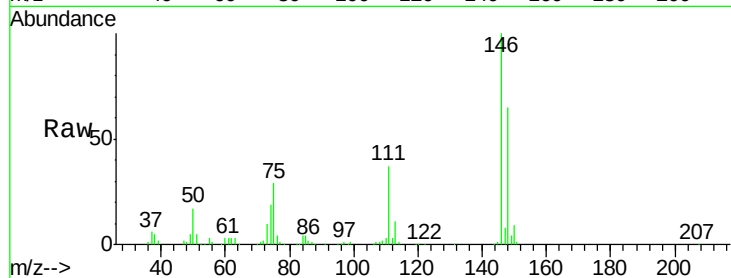




#87
 1,3-Dichlorobenzene
 Concen: 20.915 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

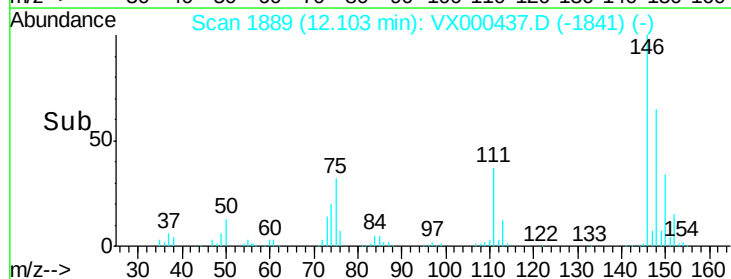
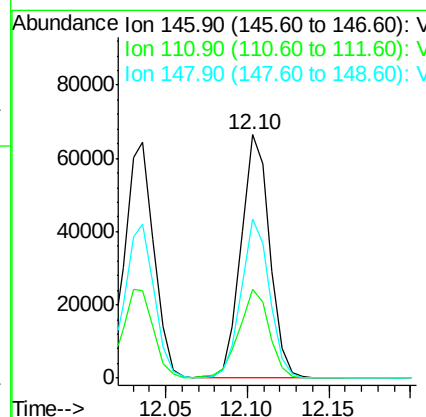
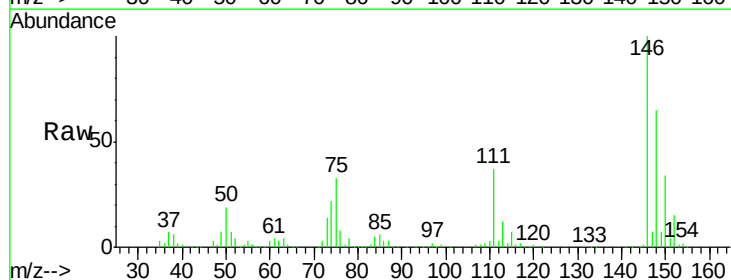
Instrument :
 MSVOA_X
 ClientSampled :

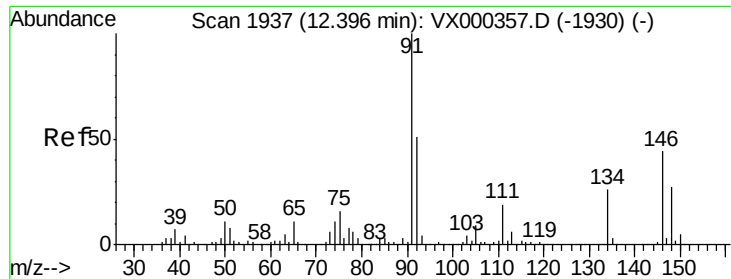
Tot Ion:146 Resp: 80740
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.5 58.5
 148 65.7 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.988 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion:146 Resp: 81010
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.9 56.9
 148 65.0 31.0 93.0





#89

n-Butylbenzene

Concen: 21.143 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

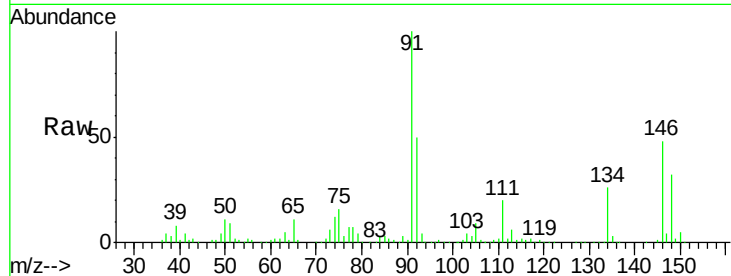
Tot Ion: 91 Resp: 140594

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.8

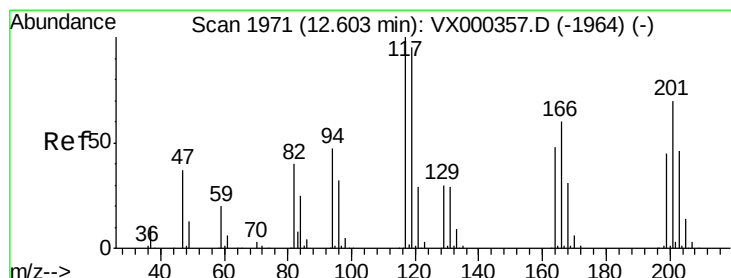
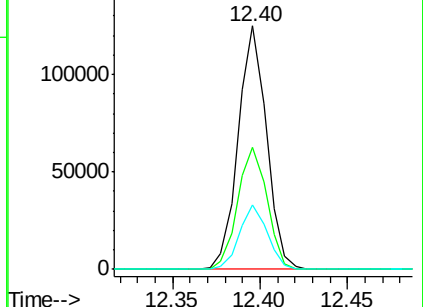
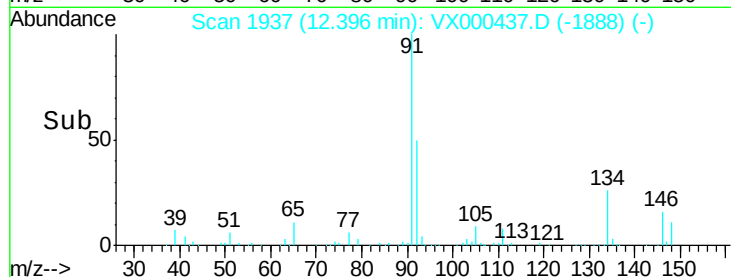
134 26.0 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000437.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000437.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000437.D (-1930) (-)



#90

Hexachloroethane

Concen: 22.609 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000437.D

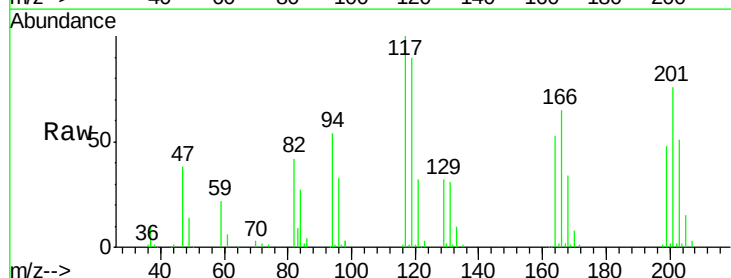
Acq: 26 Mar 2018 13:41

Tgt Ion: 117 Resp: 25416

Ion Ratio Lower Upper

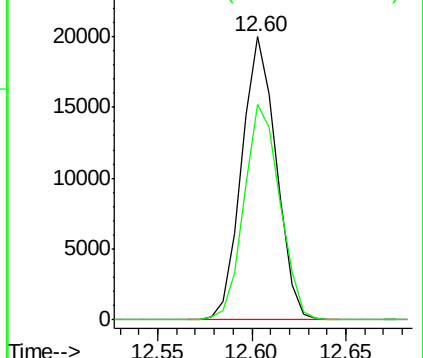
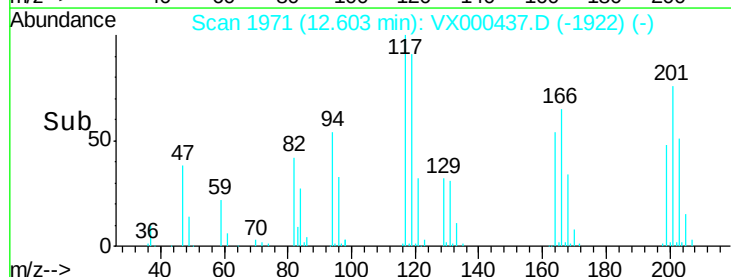
117 100

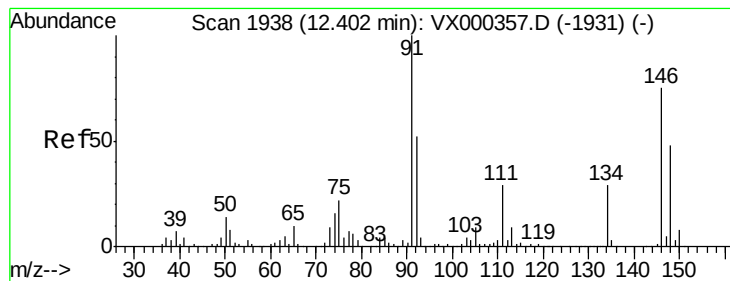
201 78.7 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000437.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000437.D (-1964) (-)





#91

1,2-Dichlorobenzene

Concen: 21.429 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampled :

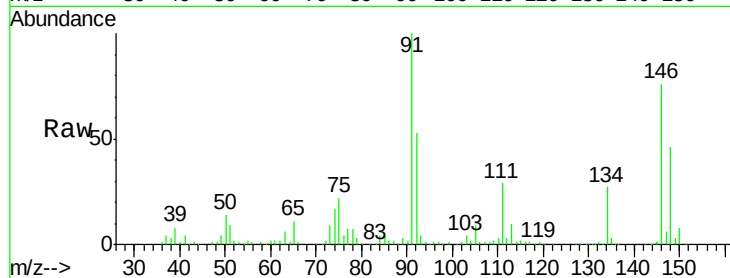
Tot Ion:146 Resp: 81099

Ion Ratio Lower Upper

146 100

111 40.3 20.1 60.2

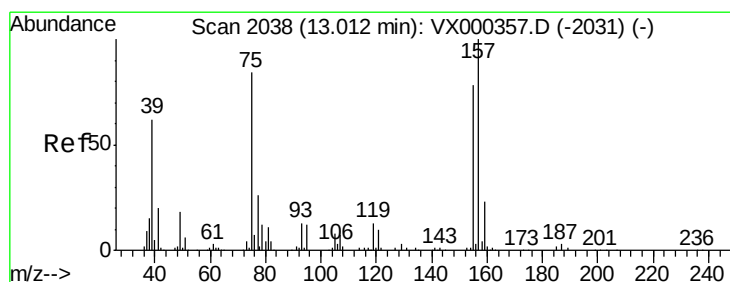
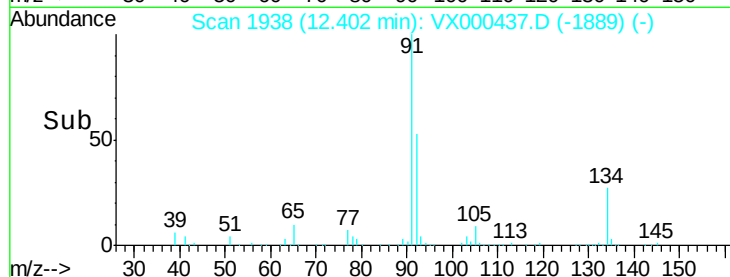
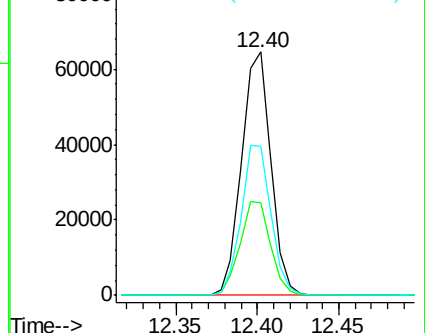
148 62.9 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.500 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

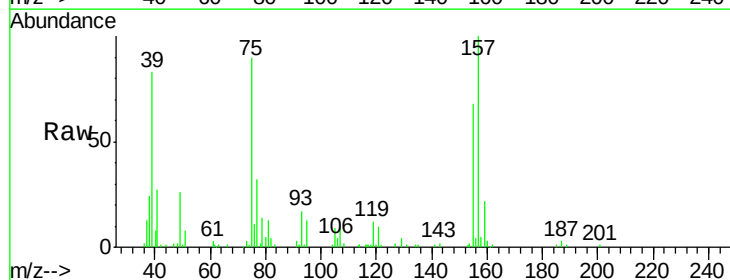
Tgt Ion: 75 Resp: 16254

Ion Ratio Lower Upper

75 100

155 86.2 45.0 134.8

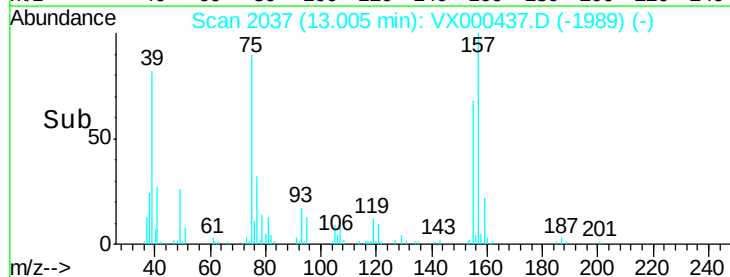
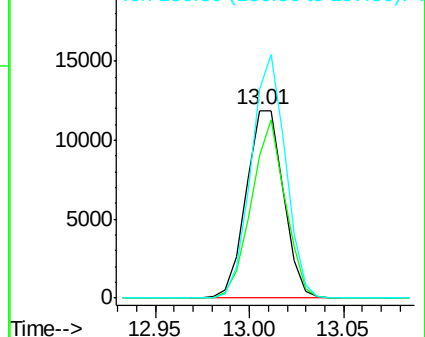
157 119.4 58.1 174.2

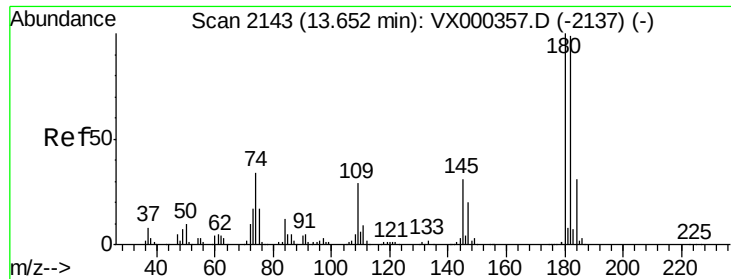


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

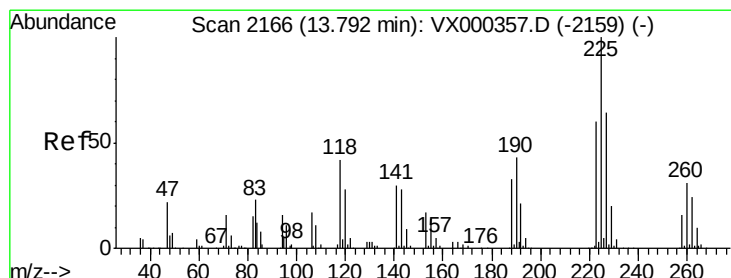
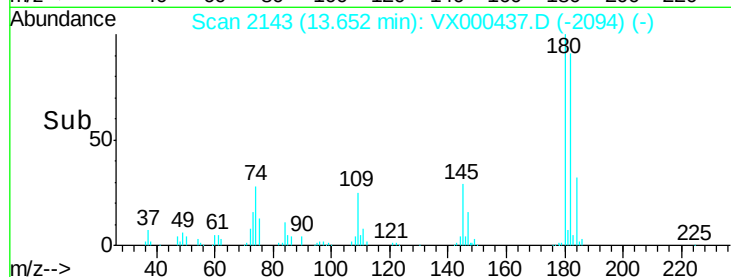
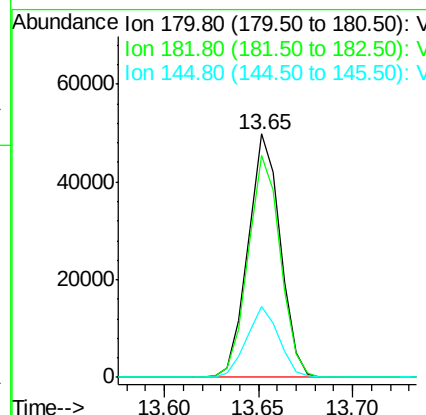
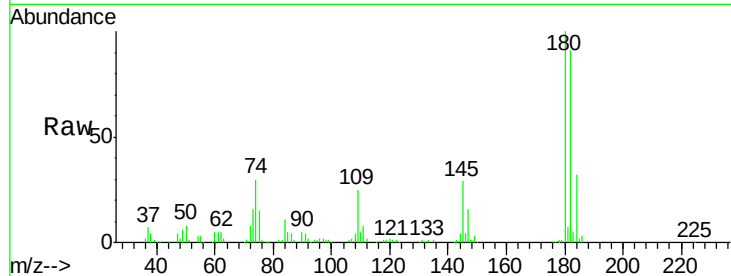




#93
 1,2,4-Trichlorobenzene
 Concen: 21.828 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

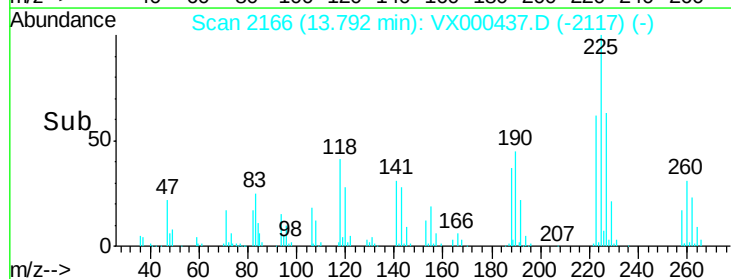
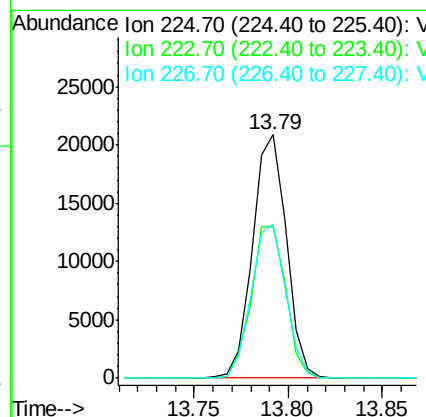
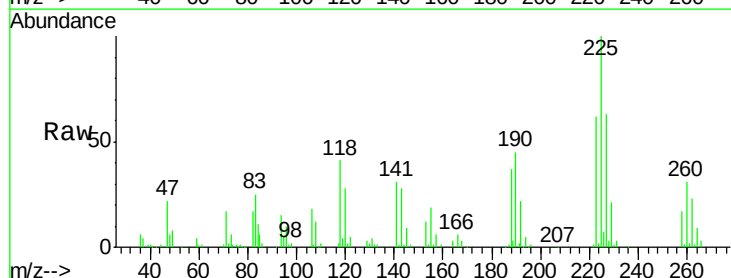
Instrument :
 MSVOA_X
 ClientSampleId :

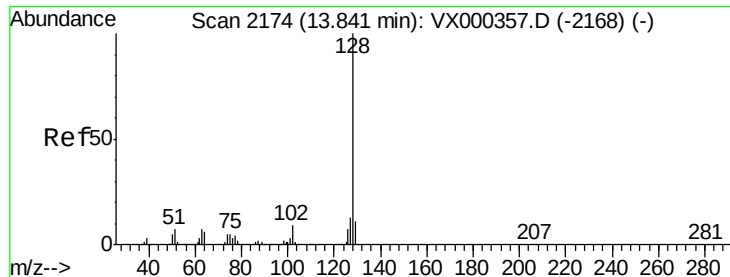
Tot Ion:180 Resp: 59224
 Ion Ratio Lower Upper
 180 100
 182 91.3 47.6 142.9
 145 29.1 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 23.138 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000437.D
 Acq: 26 Mar 2018 13:41

Tgt Ion:225 Resp: 25994
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.0 96.0
 227 64.2 32.6 98.0





#95

Naphthalene

Concen: 22.320 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

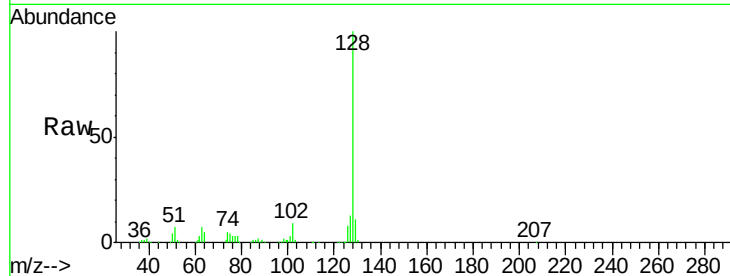
Tot Ion:128 Resp: 210952

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

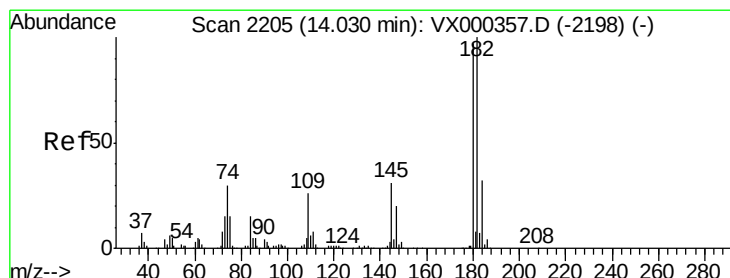
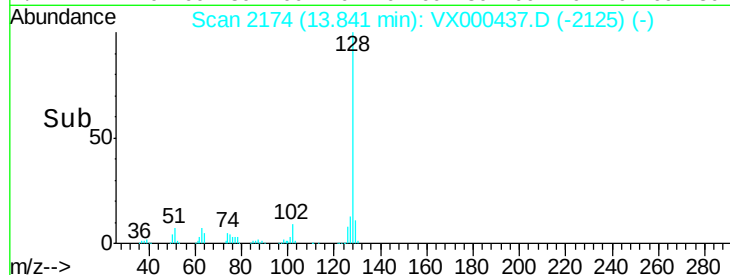
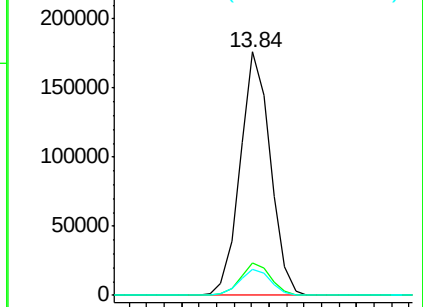
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.453 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000437.D

Acq: 26 Mar 2018 13:41

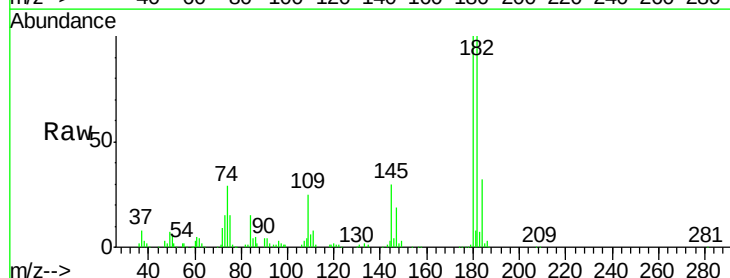
Tgt Ion:180 Resp: 57517

Ion Ratio Lower Upper

180 100

182 97.9 47.4 142.3

145 32.0 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

