

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000586.D
 Acq On : 31 Mar 2018 12:23
 Operator : JC/MD
 Sample : VX0331WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 05:14:33 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	5.68	168	179514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	287417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170193	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	95929	40.94	ug/l	0.00
Spiked Amount			Recovery	=	81.88%	
35) Dibromofluoromethane	5.51	113	92384	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
50) Toluene-d8	8.73	98	363979	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	11.15	95	139341	44.71	ug/l	0.00
Spiked Amount			Recovery	=	89.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	30314	15.322	ug/l	97
3) Chloromethane	1.32	50	34605	16.603	ug/l	96
4) Vinyl Chloride	1.41	62	39585	17.974	ug/l	99
5) Bromomethane	1.65	94	18116	6.911	ug/l	95
6) Chloroethane	1.73	64	18489	14.011	ug/l	100
7) Trichlorofluoromethane	1.94	101	55915	14.067	ug/l	99
8) Diethyl Ether	2.19	74	18230	12.833	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.40	101	34354	15.499	ug/l	99
10) Methyl Iodide	2.52	142	53395	26.509	ug/l	99
11) Tert butyl alcohol	3.03	59	11331	14.058	ug/l	98
12) 1,1-Dichloroethene	2.39	96	30069	15.454	ug/l	94
13) Acrolein	2.29	56	11530	56.767	ug/l	99
14) Allyl chloride	2.74	41	45547	13.179	ug/l	# 88
15) Acrylonitrile	3.14	53	38611	23.651	ug/l	99
16) Acetone	2.44	43	41709	21.397	ug/l	95
17) Carbon Disulfide	2.58	76	81119	15.683	ug/l	97
18) Methyl Acetate	2.78	43	20866	5.106	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	91630	12.733	ug/l	95
20) Methylene Chloride	2.86	84	33427	14.847	ug/l	98
21) trans-1,2-Dichloroethene	3.18	96	34158	15.737	ug/l	99
22) Diisopropyl ether	3.86	45	110008	18.086	ug/l	98
23) Vinyl Acetate	3.82	43	322018	55.845	ug/l	98
24) 1,1-Dichloroethane	3.71	63	64637	16.902	ug/l	98
25) 2-Butanone	4.68	43	57944	26.446	ug/l	97
26) 2,2-Dichloropropane	4.60	77	57054	21.286	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	41181	20.300	ug/l	99
28) Bromochloromethane	5.03	49	28148	17.849	ug/l	97
29) Tetrahydrofuran	5.15	42	34931	25.911	ug/l	99
30) Chloroform	5.23	83	73146	20.409	ug/l	93
31) Cyclohexane	5.59	56	55793	18.872	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	64689	20.007	ug/l	100
36) 1,1-Dichloropropene	5.81	75	51448	19.110	ug/l	97
37) Ethyl Acetate	4.85	43	23066	6.272	ug/l	96
38) Carbon Tetrachloride	5.80	117	54157	19.174	ug/l	99

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 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)
39) Methylcyclohexane	7.48	83	64720	19.767	ug/l	96
40) Benzene	6.15	78	155243	19.856	ug/l	100
41) Methacrylonitrile	5.06	41	13637	7.034	ug/l	96
42) 1,2-Dichloroethane	6.21	62	49580	16.162	ug/l	98
43) Isopropyl Acetate	6.46	43	47976	8.764	ug/l	98
44) Trichloroethene	7.22	130	44835	20.017	ug/l	100
45) 1,2-Dichloropropane	7.52	63	38839	19.407	ug/l	98
46) Dibromomethane	7.67	93	23168	14.749	ug/l	98
47) Bromodichloromethane	7.91	83	52012	18.819	ug/l	99
48) Methyl methacrylate	7.78	41	23290	8.763	ug/l	99
49) 1,4-Dioxane	7.75	88	4617	82.648	ug/l #	91
51) 4-Methyl-2-Pentanone	8.65	43	135932	32.080	ug/l	98
52) Toluene	8.79	92	105319	19.269	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	58114	18.146	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	50526	16.264	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	33694	14.990	ug/l	97
56) Ethyl methacrylate	9.19	69	41238	12.108	ug/l	97
57) 1,3-Dichloropropane	9.38	76	54859	15.259	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	89982	55.046	ug/l	99
59) 2-Hexanone	9.50	43	102447	28.474	ug/l	99
60) Dibromochloromethane	9.59	129	36951	16.864	ug/l	99
61) 1,2-Dibromoethane	9.68	107	32202	13.360	ug/l	100
64) Tetrachloroethene	9.34	164	46893	21.330	ug/l	97
65) Chlorobenzene	10.15	112	127037	20.149	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	42361	19.783	ug/l	99
67) Ethyl Benzene	10.26	91	215239	20.138	ug/l	100
68) m/p-Xylenes	10.37	106	170966	40.651	ug/l	96
69) o-Xylene	10.71	106	81725	20.069	ug/l	99
70) Styrene	10.72	104	132426	19.654	ug/l	98
71) Bromoform	10.87	173	22244	13.788	ug/l #	96
73) Isopropylbenzene	11.02	105	223390	19.811	ug/l	100
74) N-amyl acetate	6.46	43	47976	6.923	ug/l #	96
75) 1,1,1,2-Tetrachloroethane	11.27	83	42081	10.551	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	40104	10.964	ug/l	82
77) Bromobenzene	11.26	156	56452	18.792	ug/l	96
78) n-propylbenzene	11.37	91	259996	19.337	ug/l	98
79) 2-Chlorotoluene	11.43	91	149737	19.277	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	193250	20.382	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	8437	7.468	ug/l	93
82) 4-Chlorotoluene	11.52	91	180794	19.494	ug/l	96
83) tert-Butylbenzene	11.78	119	188595	19.722	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	198027	19.921	ug/l	98
85) sec-Butylbenzene	11.95	105	235894	19.937	ug/l	100
86) p-Isopropyltoluene	12.07	119	211109	20.090	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	113698	20.018	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	116510	19.538	ug/l	96
89) n-Butylbenzene	12.40	91	196040	20.036	ug/l	98
90) Hexachloroethane	12.60	117	30716	18.571	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	105784	18.997	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	6393	5.747	ug/l	91

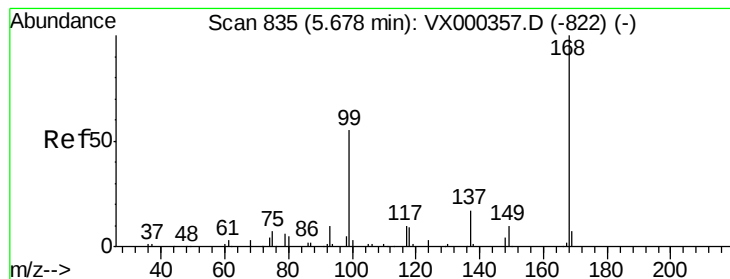
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	78039	19.548	ug/l	99
94) Hexachlorobutadiene	13.79	225	31489	19.050	ug/l	98
95) Naphthalene	13.84	128	143368	10.310	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	70930	17.981	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

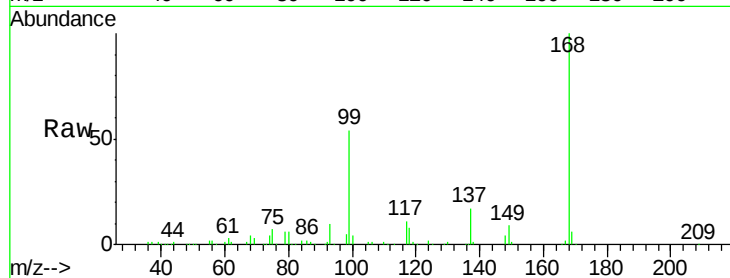
ClientSampled :

Tot Ion:168 Resp: 179514

Ion Ratio Lower Upper

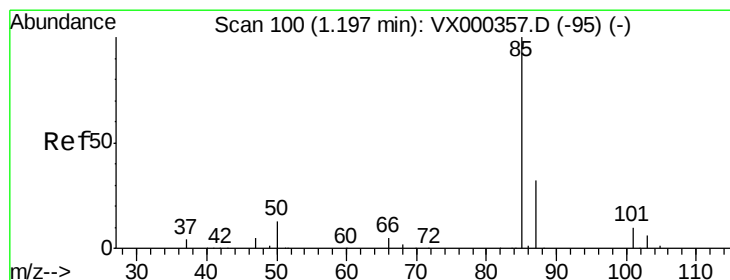
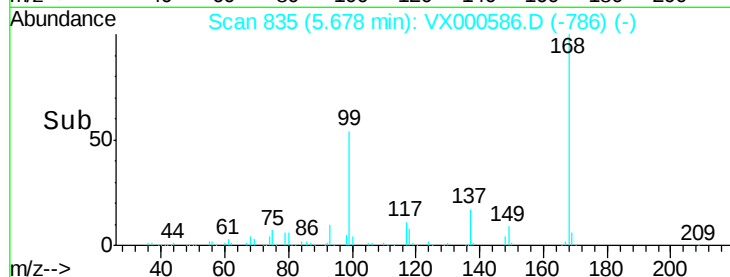
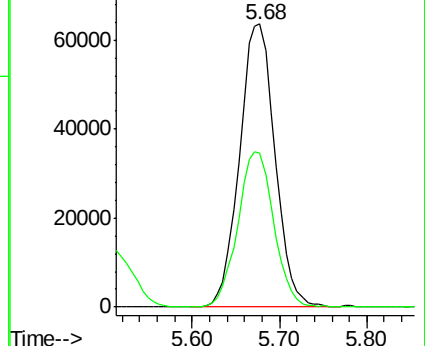
168 100

99 54.4 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: 15.322 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000586.D

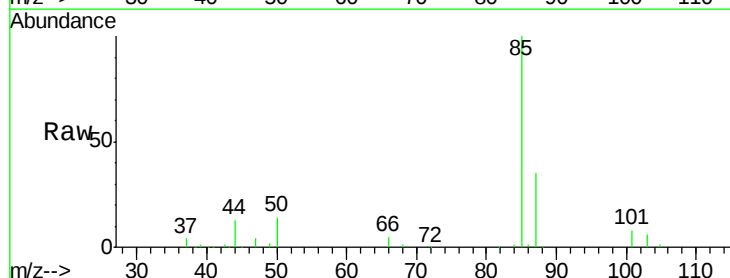
Acq: 31 Mar 2018 12:23

Tgt Ion: 85 Resp: 30314

Ion Ratio Lower Upper

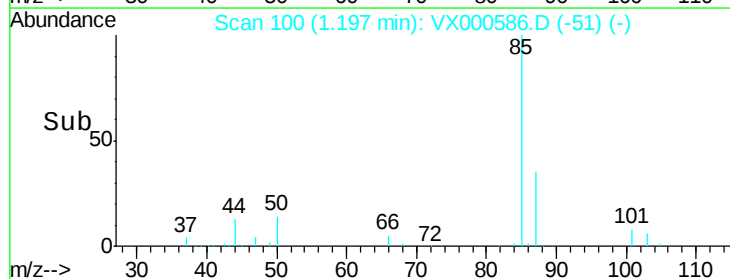
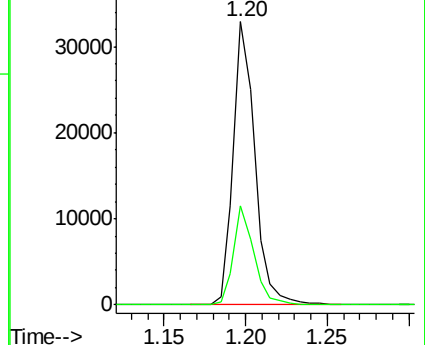
85 100

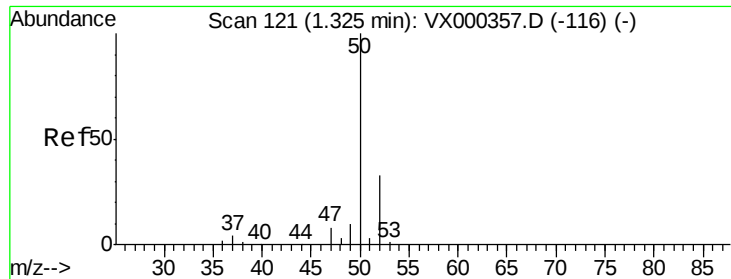
87 35.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

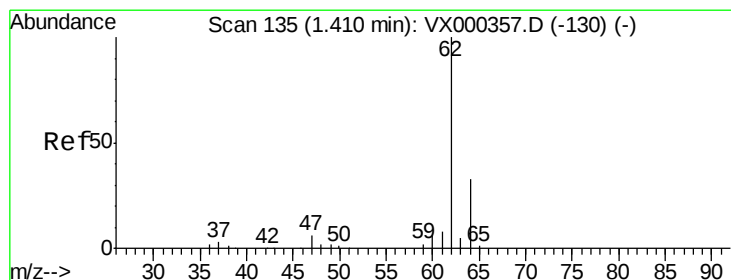
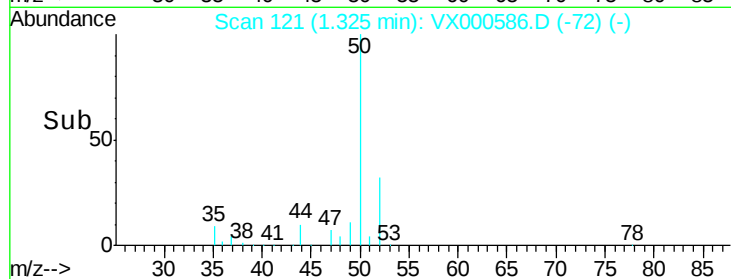
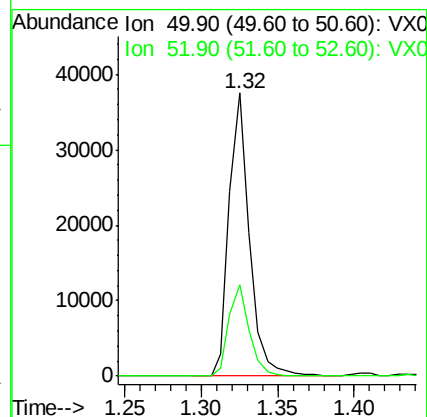
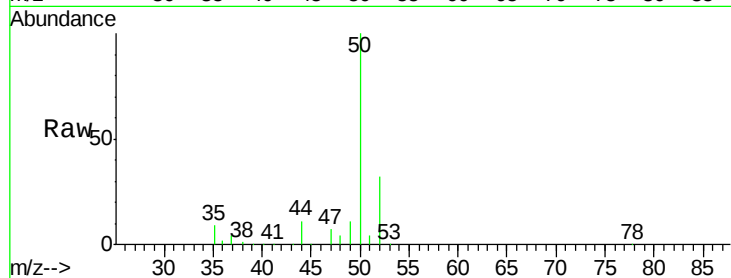




#3
Chloromethane
Concen: 16.603 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

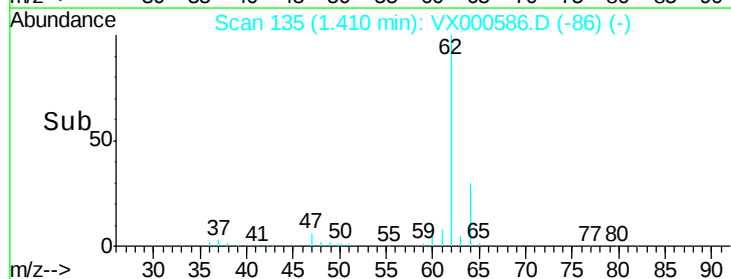
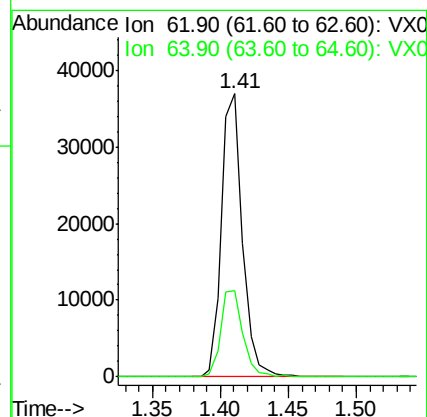
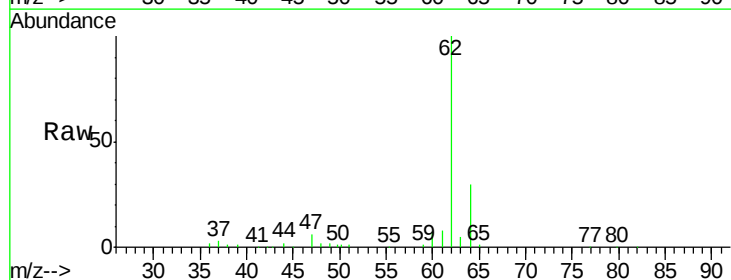
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 34605
Ion Ratio Lower Upper
50 100
52 32.2 27.5 41.3



#4
Vinyl Chloride
Concen: 17.974 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 62 Resp: 39585
Ion Ratio Lower Upper
62 100
64 30.5 24.8 37.2





#5

Bromomethane

Concen: 6.911 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

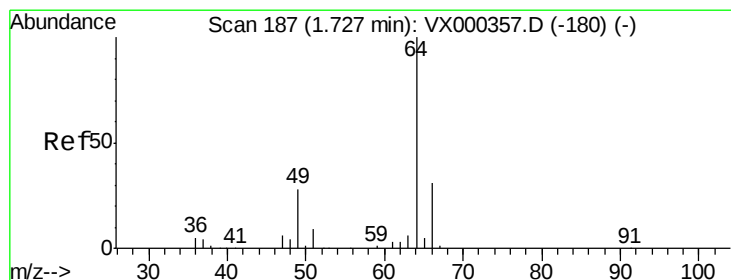
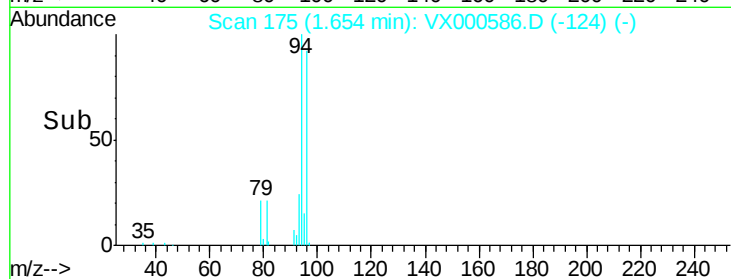
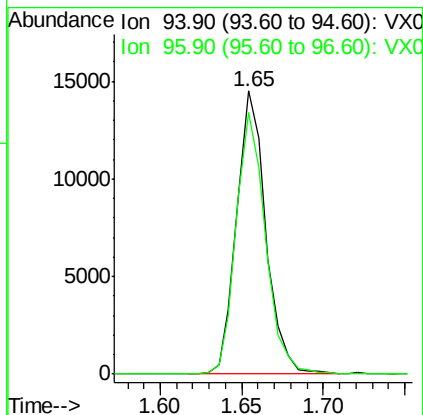
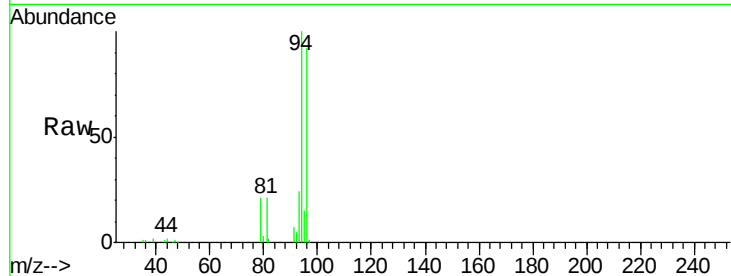
ClientSampleId :

Tot Ion: 94 Resp: 18116

Ion Ratio Lower Upper

94 100

96 92.5 77.7 116.5



#6

Chloroethane

Concen: 14.011 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000586.D

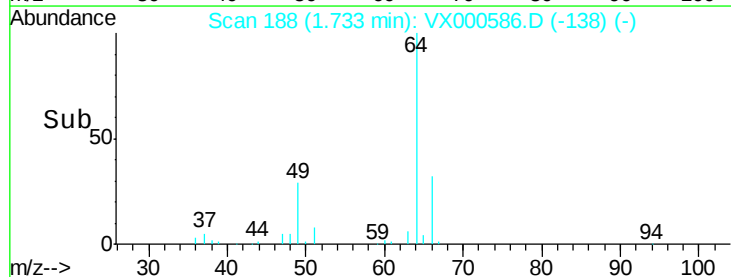
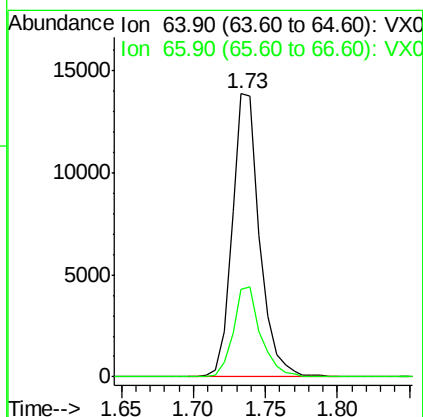
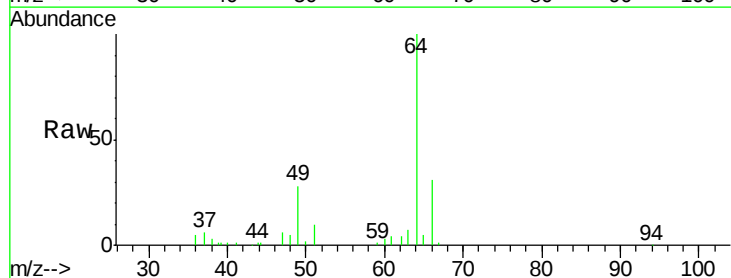
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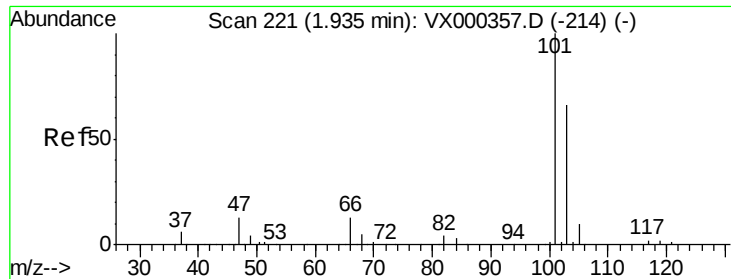
Tgt Ion: 64 Resp: 18489

Ion Ratio Lower Upper

64 100

66 30.8 24.8 37.2



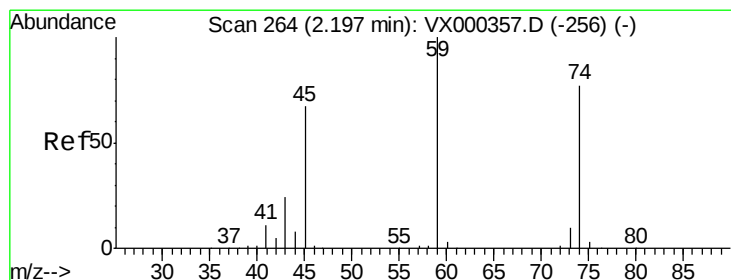
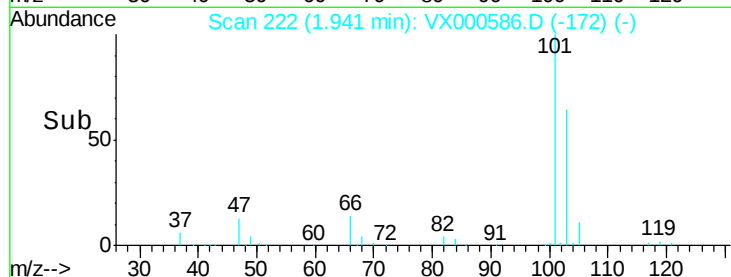
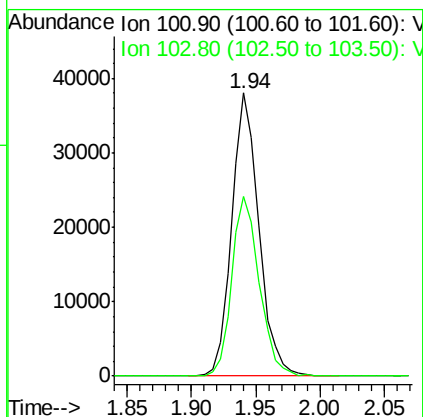
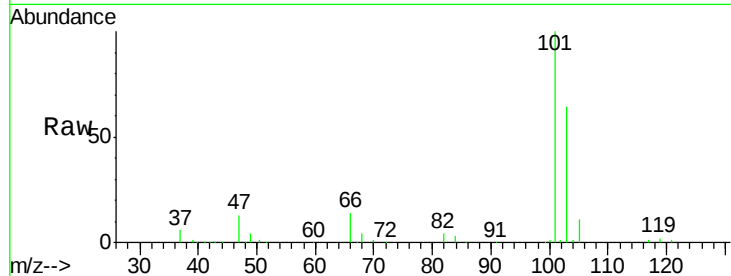


#7

Trichlorofluoromethane
 Concen: 14.067 ug/l
 RT: 1.94 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Instrument :
 MSVOA_X
 ClientSampleId :

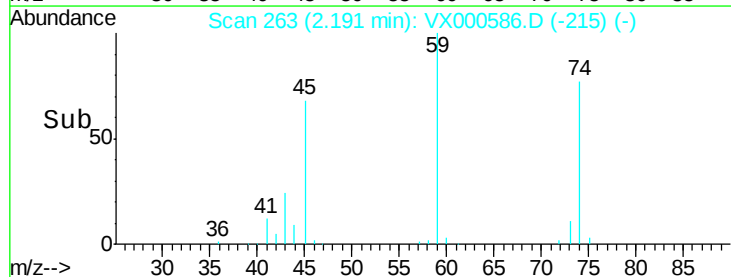
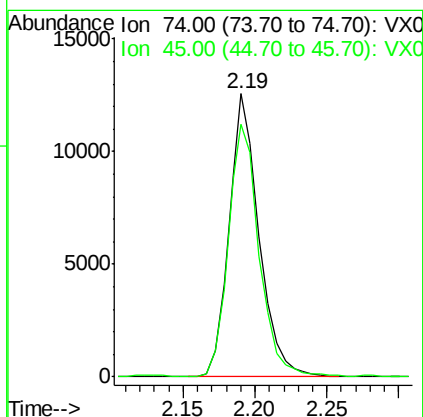
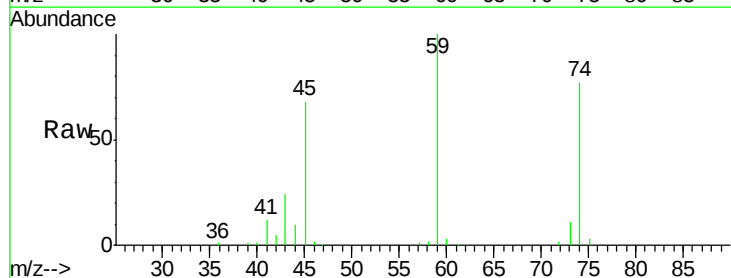
Tot Ion:101 Resp: 55915
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.6 77.4

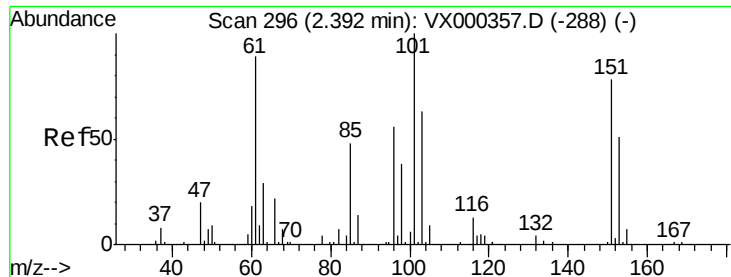


#8

Diethyl Ether
 Concen: 12.833 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion: 74 Resp: 18230
 Ion Ratio Lower Upper
 74 100
 45 92.0 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.499 ug/l

RT: 2.40 min Scan# 297

Delta R.T. 0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

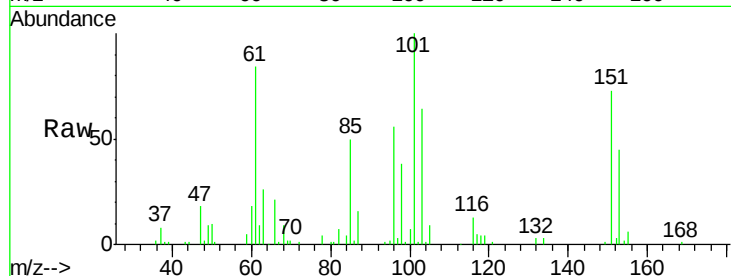
Tot Ion:101 Resp: 34354

Ion Ratio Lower Upper

101 100

85 46.8 37.6 56.4

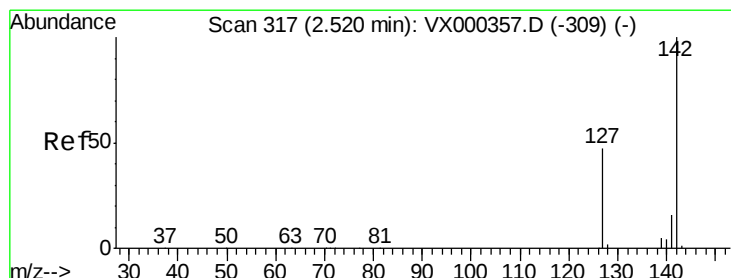
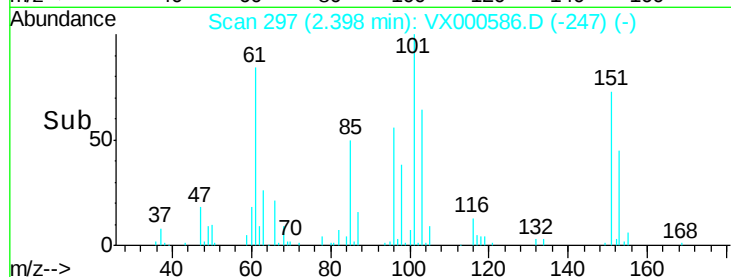
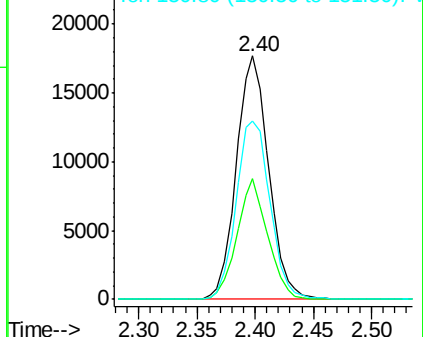
151 76.9 62.6 93.8



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: 26.509 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

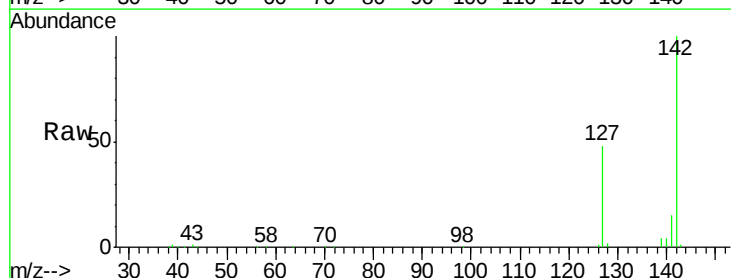
Tgt Ion:142 Resp: 53395

Ion Ratio Lower Upper

142 100

127 48.4 39.2 58.8

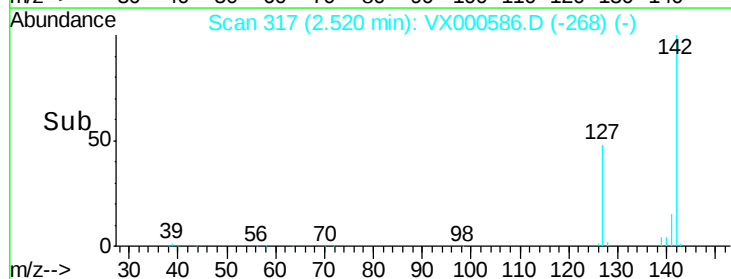
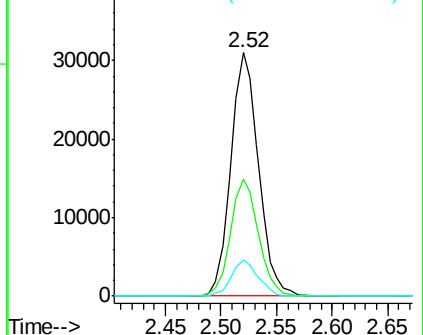
141 14.3 11.7 17.5

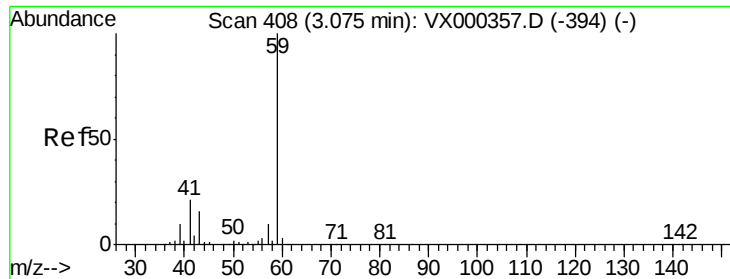


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

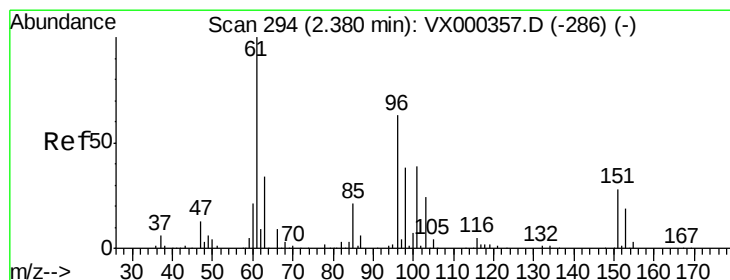
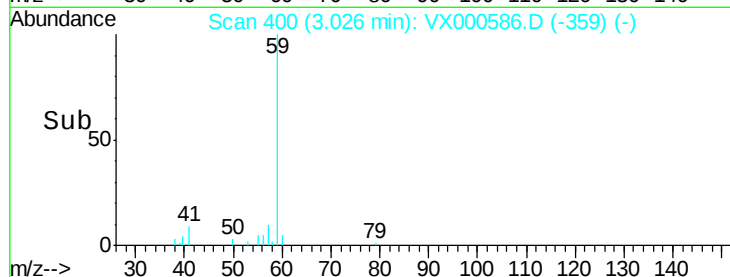
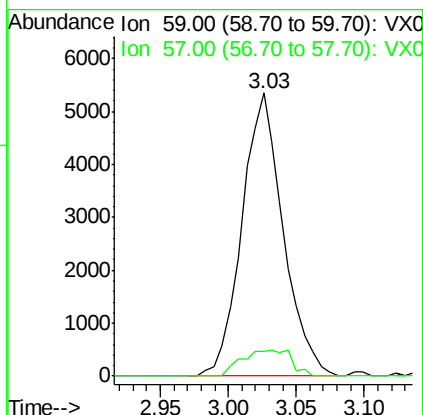
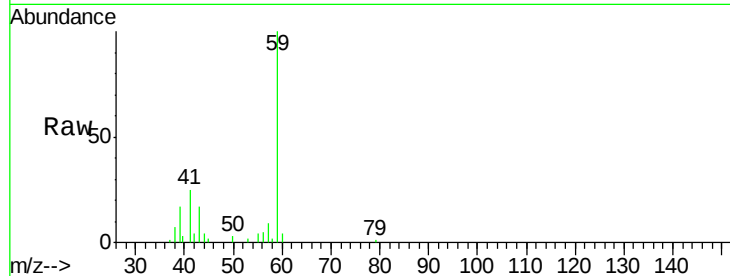




#11
Tert butyl alcohol
Concen: 14.058 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

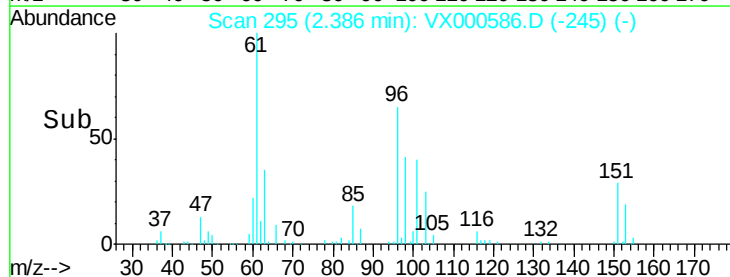
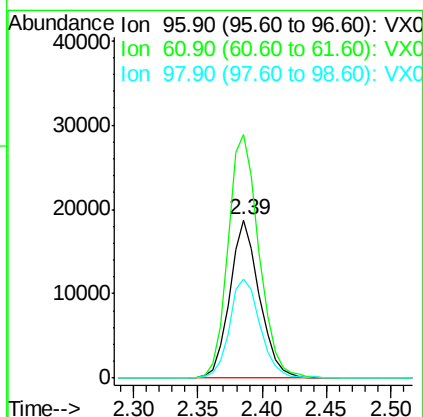
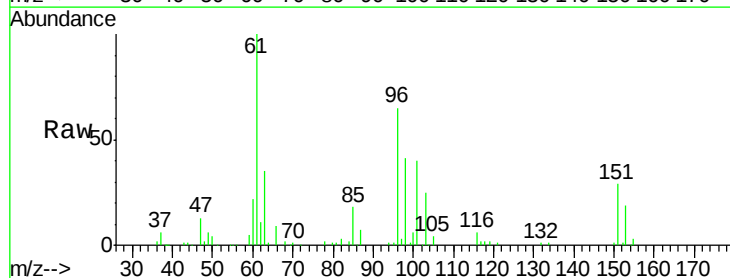
Instrument :
MSVOA_X
ClientSampled :

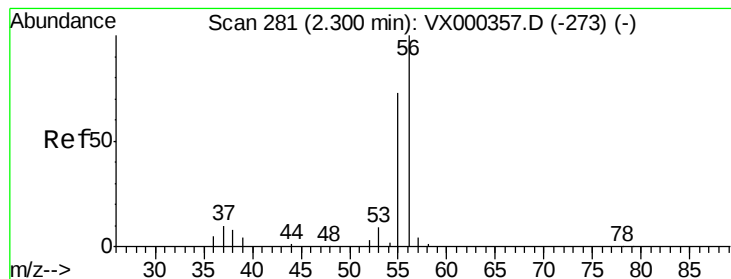
Tot Ion: 59 Resp: 11331
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 15.454 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 96 Resp: 30069
Ion Ratio Lower Upper
96 100
61 153.7 131.2 196.8
98 62.4 49.8 74.8





#13

Acrolein

Concen: 56.767 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

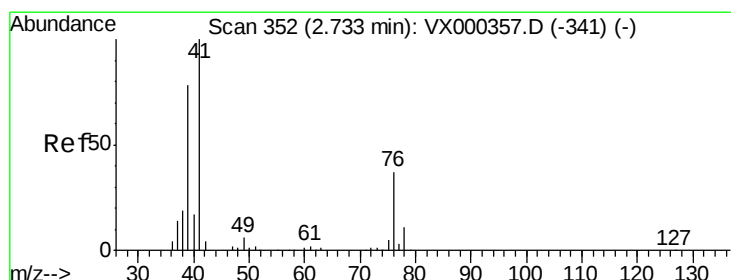
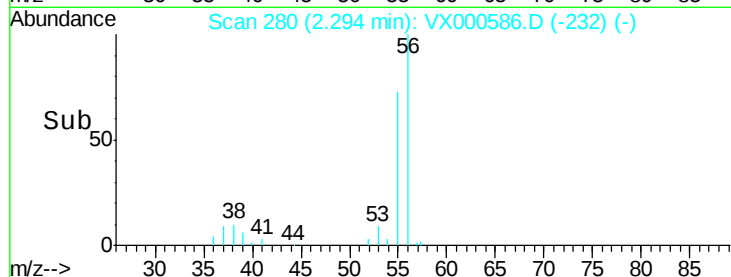
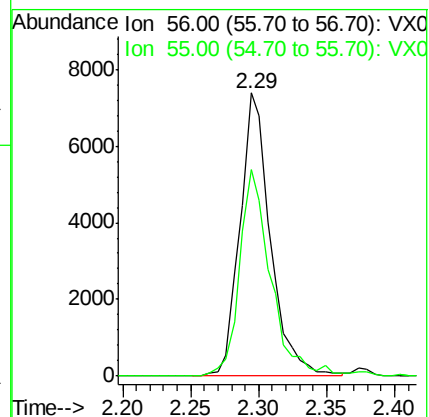
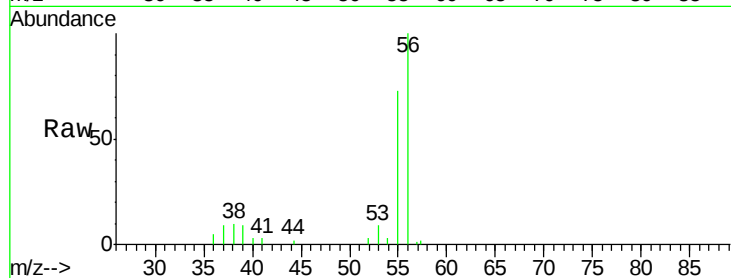
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 11530

Ion Ratio Lower Upper

56 100

55 74.6 58.8 88.2



#14

Allyl chloride

Concen: 13.179 ug/l

RT: 2.74 min Scan# 353

Delta R.T. 0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

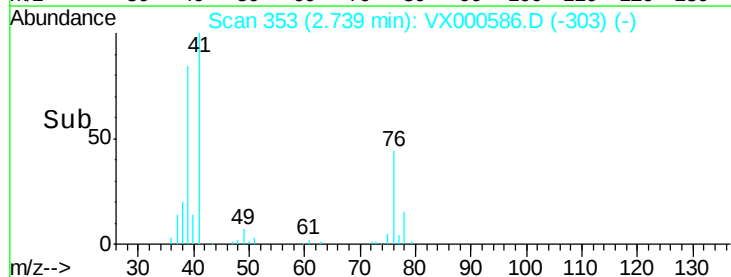
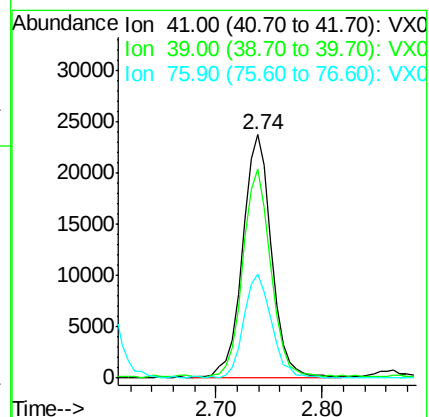
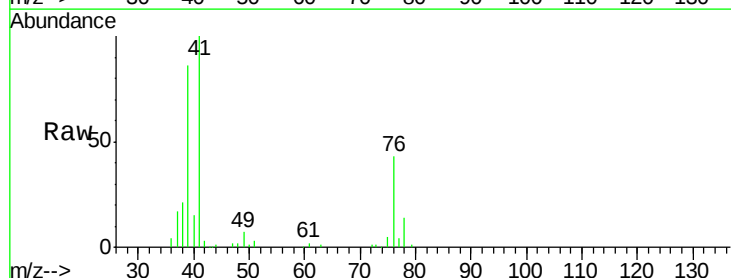
Tgt Ion: 41 Resp: 45547

Ion Ratio Lower Upper

41 100

39 82.2 57.6 86.4

76 41.3 27.3 40.9#





#15

Acrylonitrile

Concen: 23.651 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

ClientSampled :

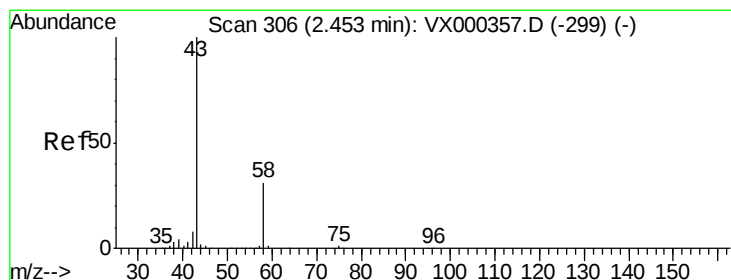
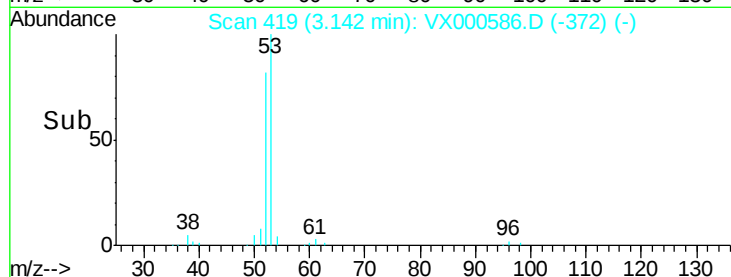
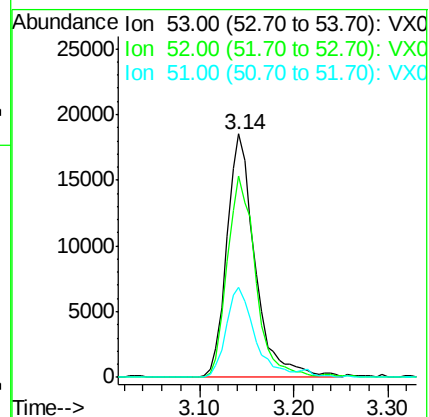
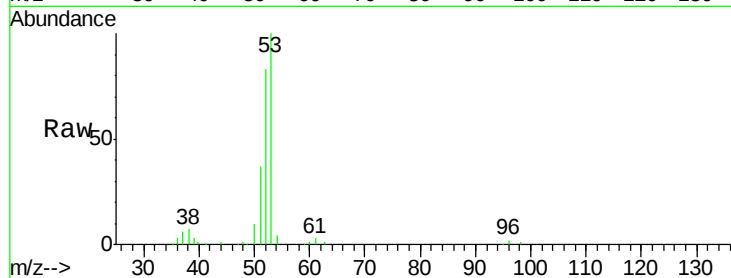
Tot Ion: 53 Resp: 38611

Ion Ratio Lower Upper

53 100

52 82.8 66.6 99.8

51 37.5 29.3 43.9



#16

Acetone

Concen: 21.397 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX000586.D

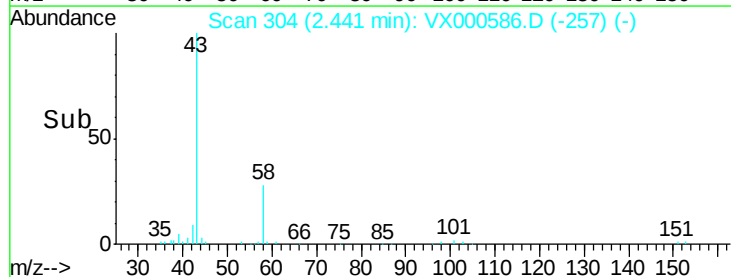
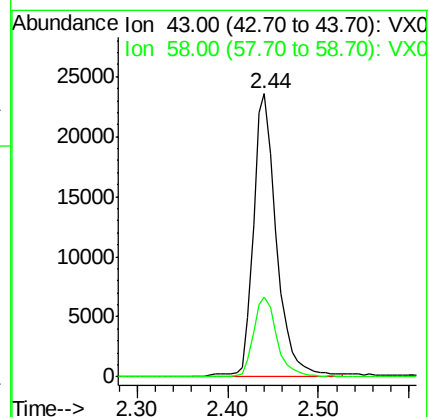
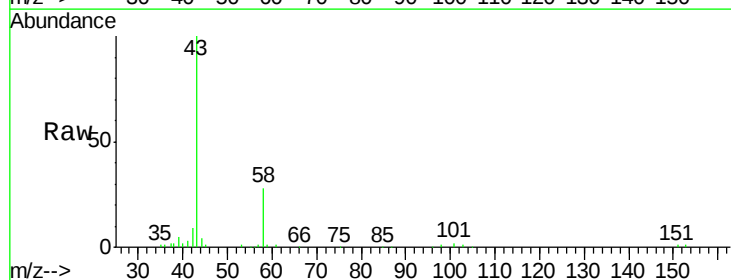
Acq: 31 Mar 2018 12:23

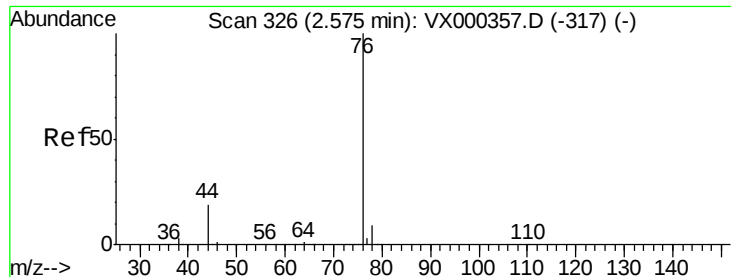
Tgt Ion: 43 Resp: 41709

Ion Ratio Lower Upper

43 100

58 28.2 24.7 37.1

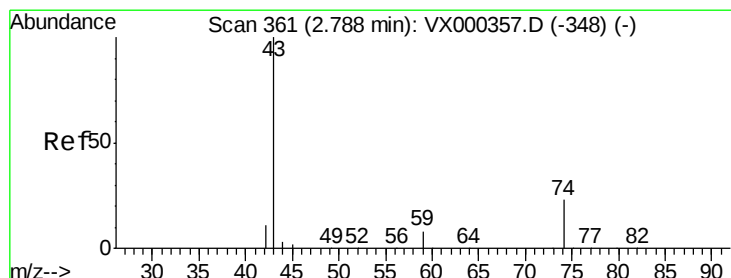
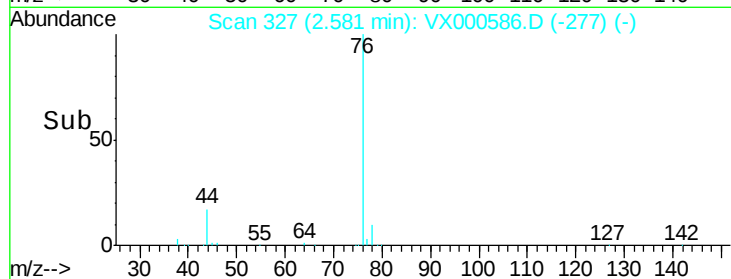
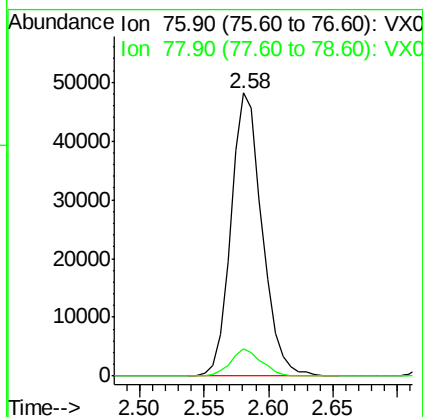
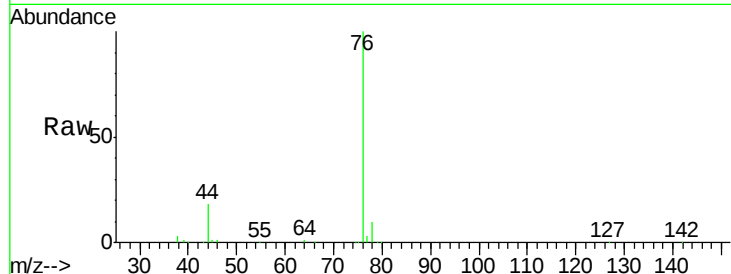




#17
Carbon Disulfide
Concen: 15.683 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

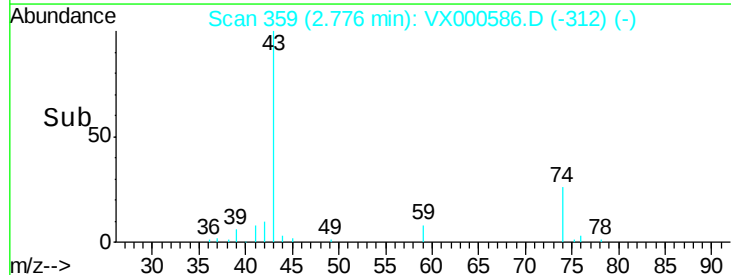
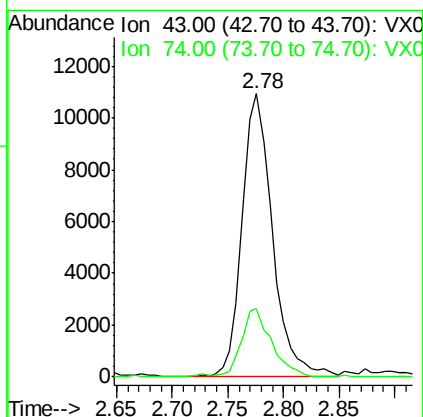
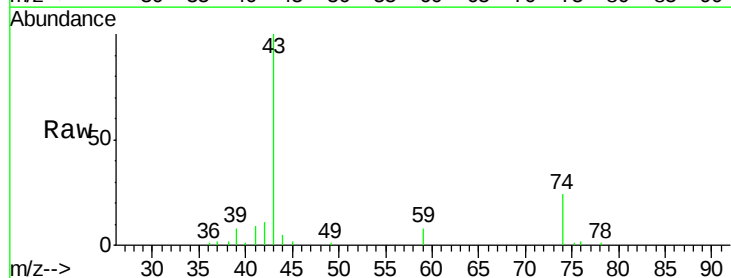
Instrument :
MSVOA_X
ClientSampled :

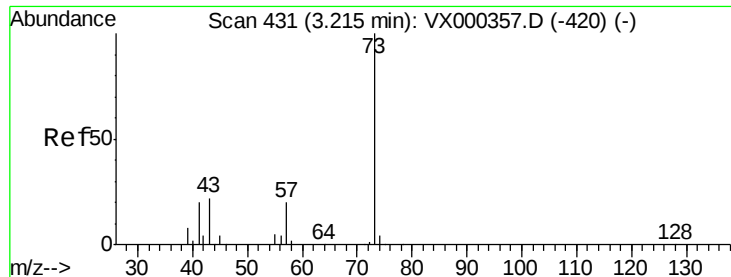
Tot Ion: 76 Resp: 81119
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6



#18
Methyl Acetate
Concen: 5.106 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 43 Resp: 20866
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2



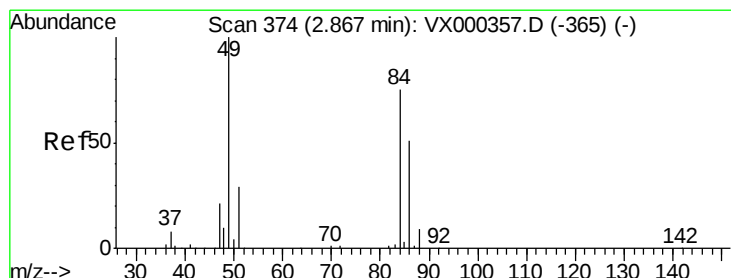
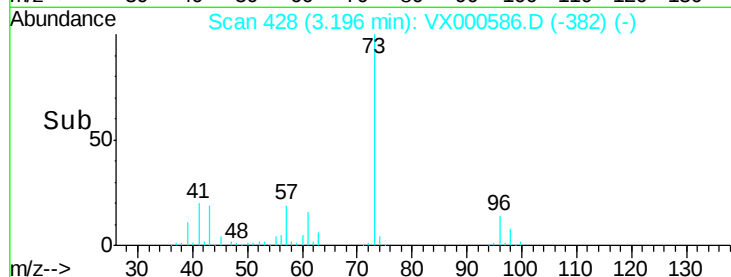
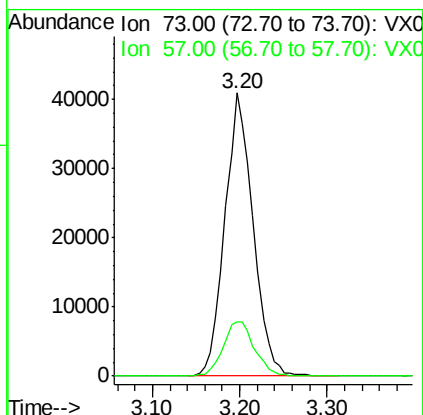
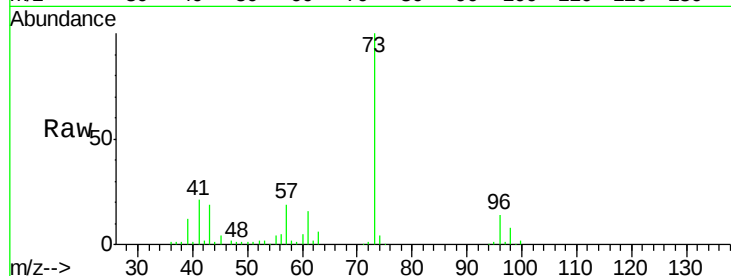


#19

Methyl tert-butyl Ether
 Concen: 12.733 ug/l
 RT: 3.20 min Scan# 428
 Delta R.T. -0.02 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Instrument :
 MSVOA_X
 ClientSampleId :

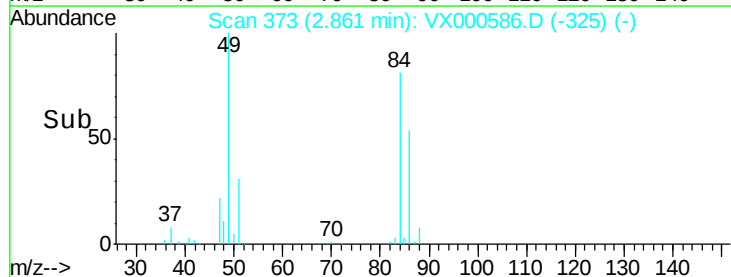
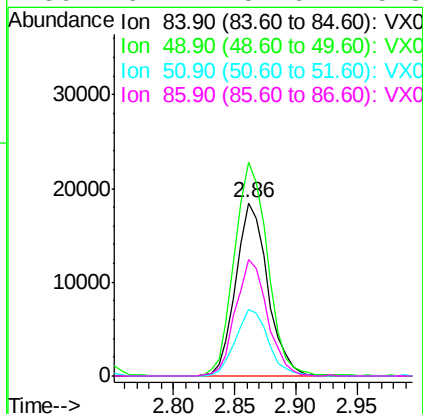
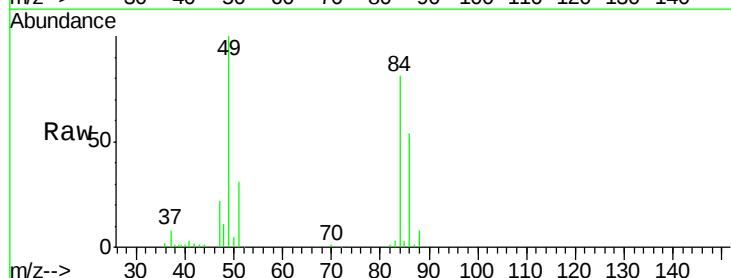
Tot Ion: 73 Resp: 91630
 Ion Ratio Lower Upper
 73 100
 57 19.1 17.2 25.8

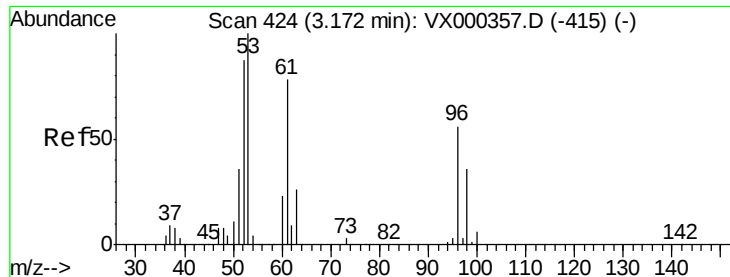


#20

Methylene Chloride
 Concen: 14.847 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion: 84 Resp: 33427
 Ion Ratio Lower Upper
 84 100
 49 123.5 100.6 151.0
 51 38.2 31.6 47.4
 86 67.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 15.737 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

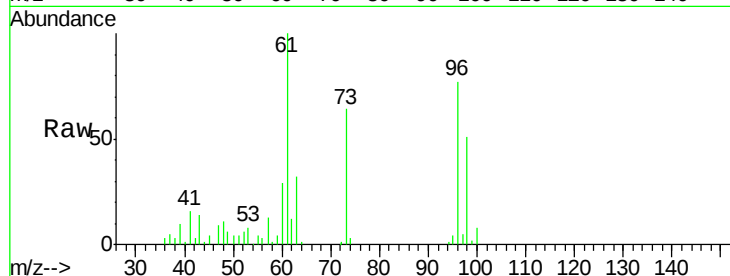
Tot Ion: 96 Resp: 34158

Ion Ratio Lower Upper

96 100

61 129.6 104.0 156.0

98 66.2 52.1 78.1

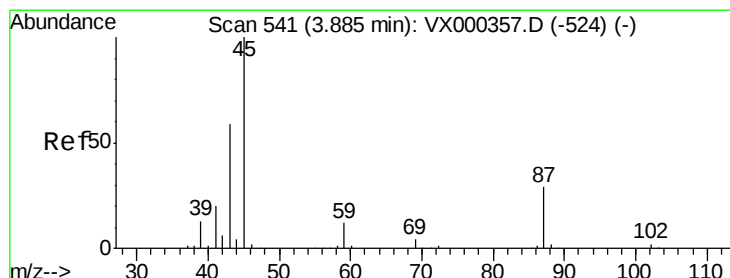
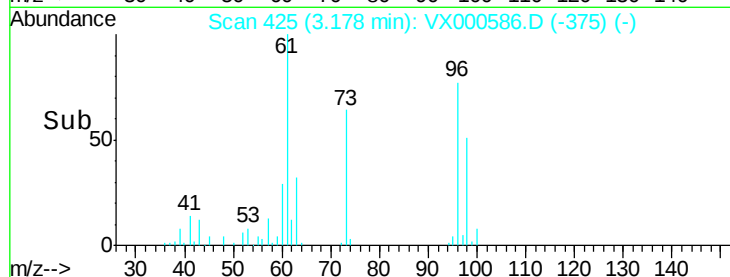
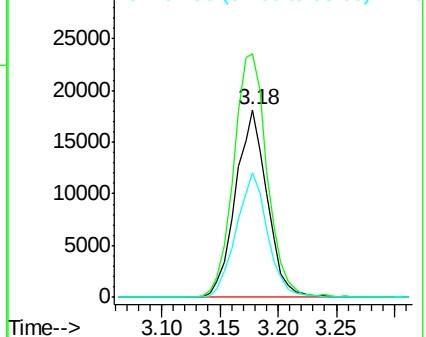


Abundance

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: 18.086 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.02 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Tgt Ion: 45 Resp: 110008

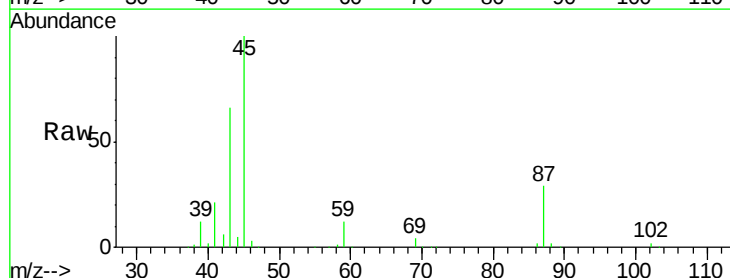
Ion Ratio Lower Upper

45 100

43 65.0 53.9 80.9

87 28.7 22.6 34.0

59 11.8 9.5 14.3



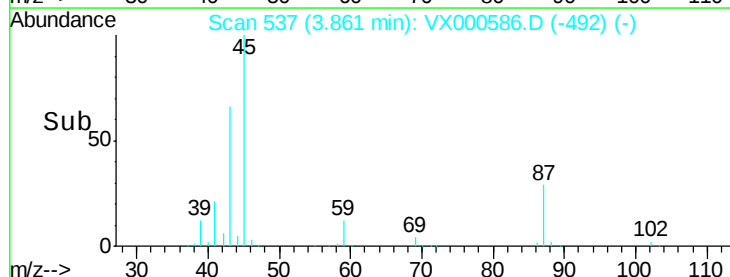
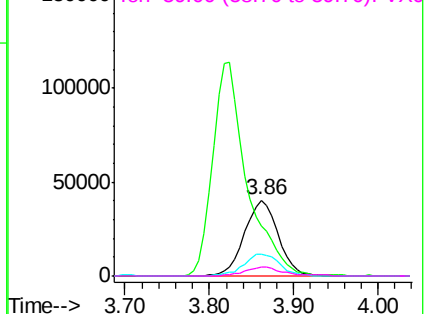
Abundance

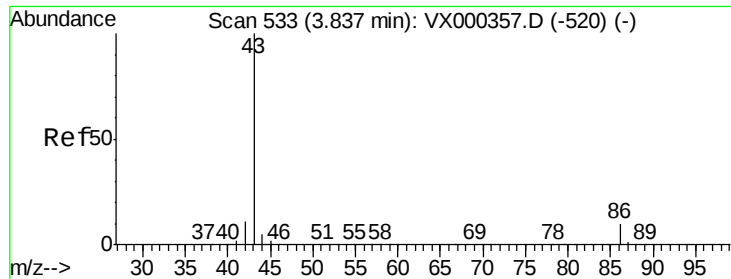
Ion 45.00 (44.70 to 45.70): VX0

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: 55.845 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

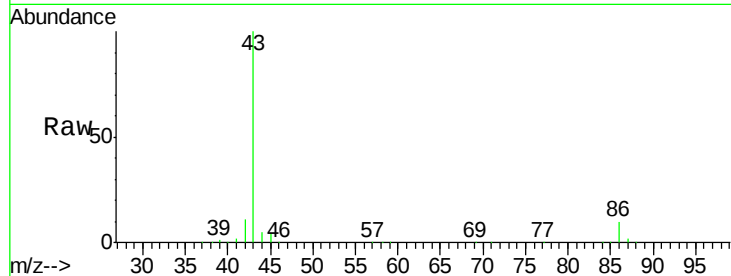
ClientSampled :

Tot Ion: 43 Resp: 322018

Ion Ratio Lower Upper

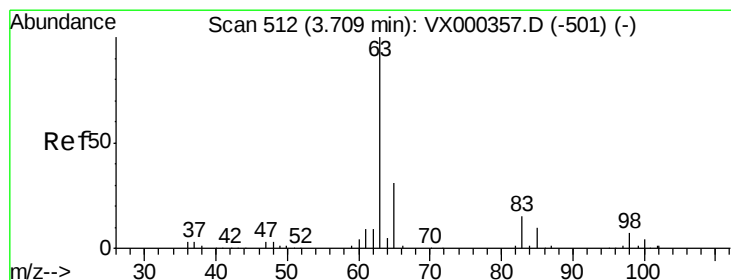
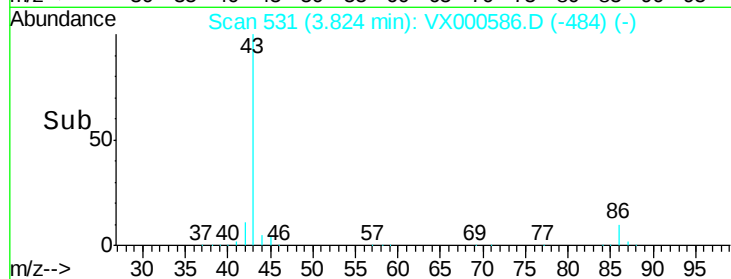
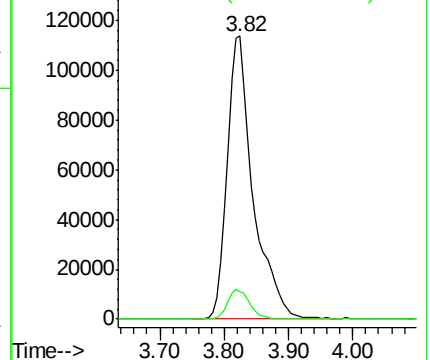
43 100

86 9.9 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: 16.902 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

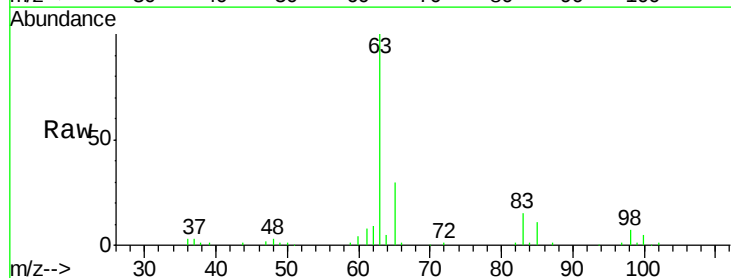
Tgt Ion: 63 Resp: 64637

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

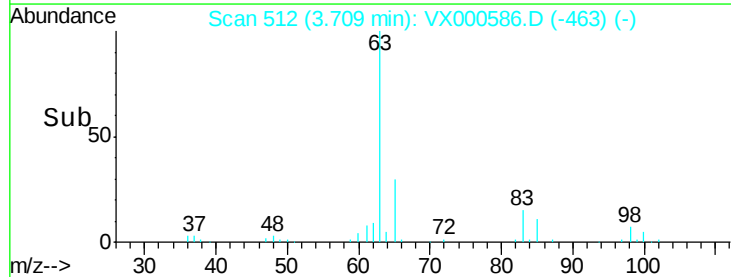
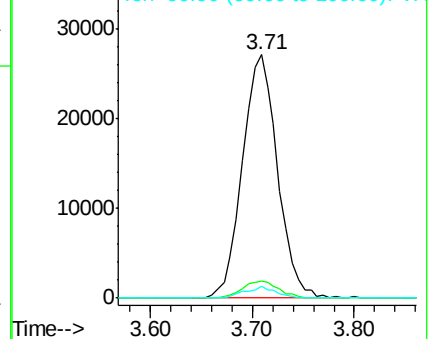
100 4.9 2.0 5.8

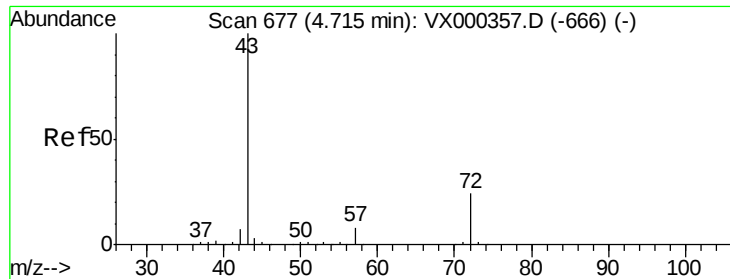


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 26.446 ug/l

RT: 4.68 min Scan# 671

Delta R.T. -0.04 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

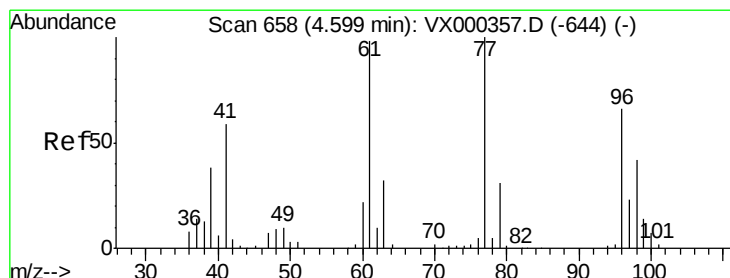
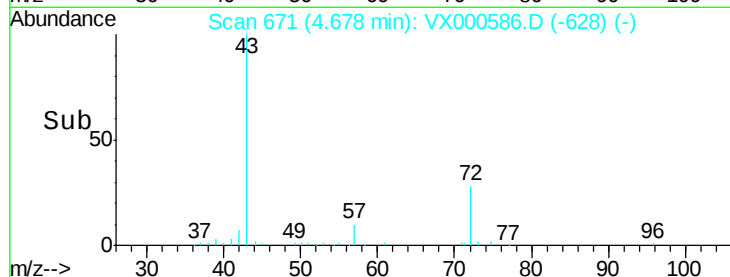
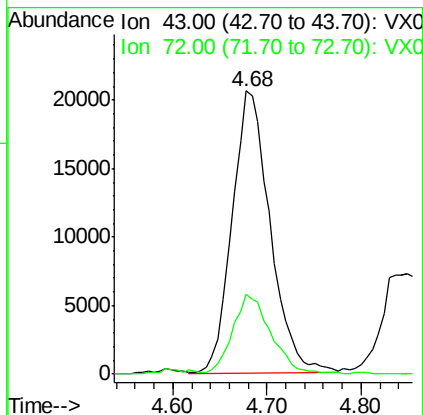
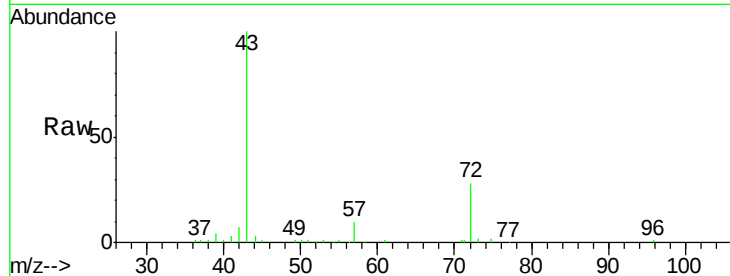
ClientSampled :

Tot Ion: 43 Resp: 57944

Ion Ratio Lower Upper

43 100

72 28.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 21.286 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000586.D

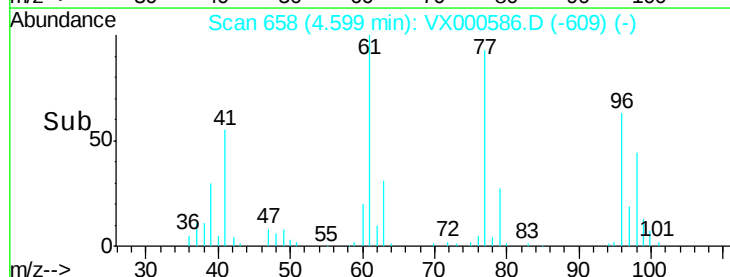
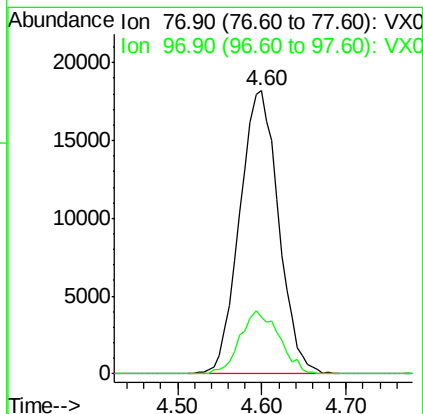
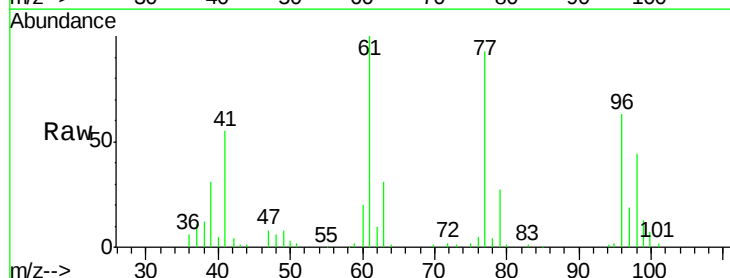
Acq: 31 Mar 2018 12:23

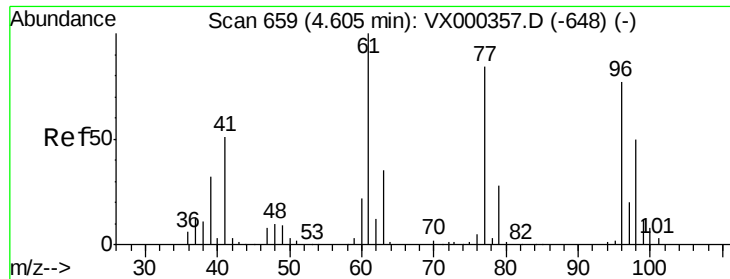
Tgt Ion: 77 Resp: 57054

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8



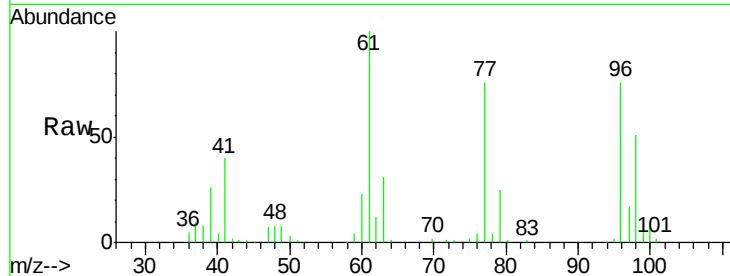


#27

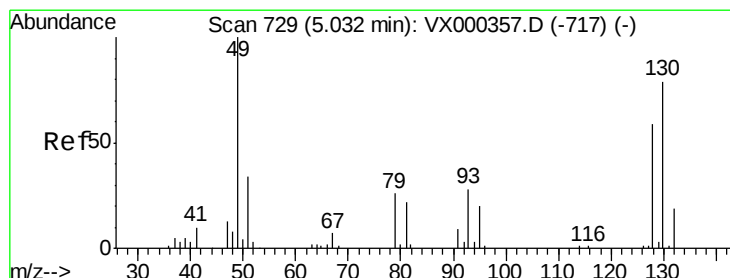
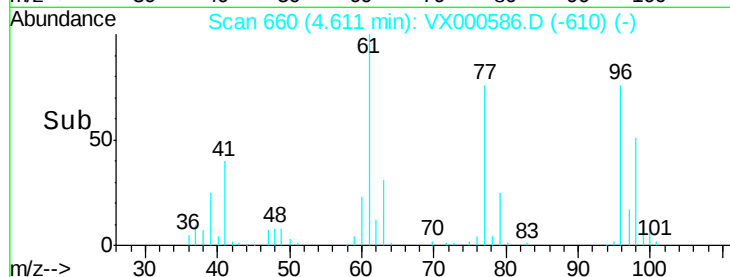
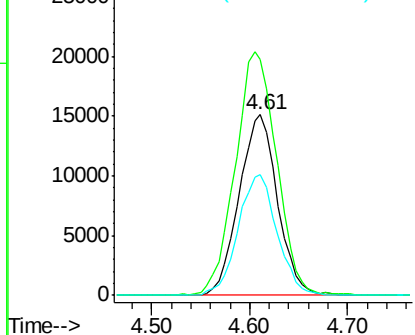
cis-1,2-Dichloroethene
Concen: 20.300 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 41181
Ion Ratio Lower Upper
96 100
61 145.5 0.0 291.6
98 67.7 0.0 132.0



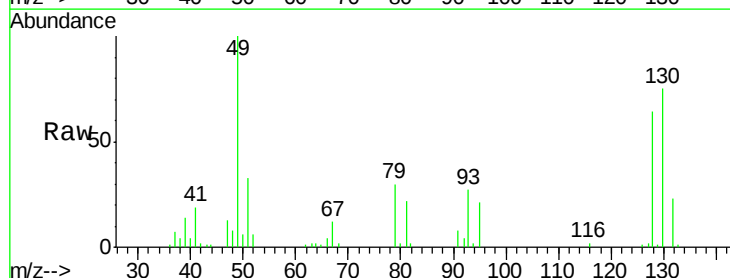
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



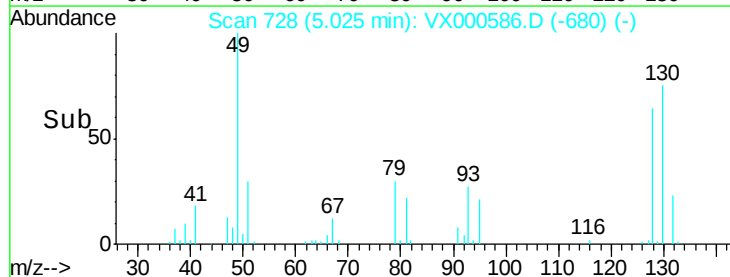
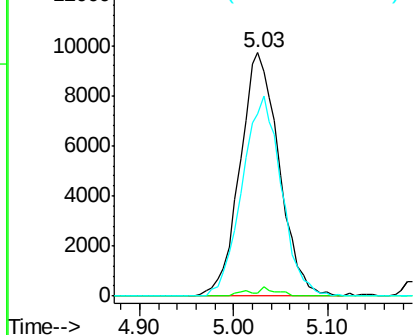
#28

Bromochloromethane
Concen: 17.849 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 49 Resp: 28148
Ion Ratio Lower Upper
49 100
129 1.6 0.0 5.0
130 82.7 64.0 96.0



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

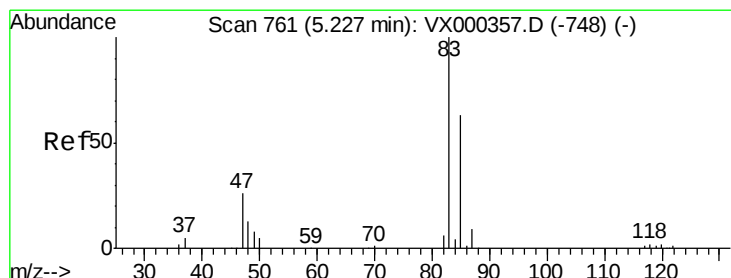
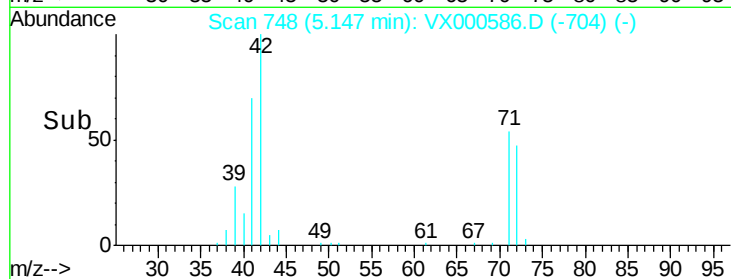
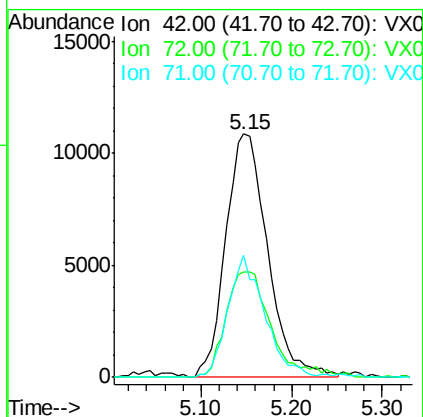
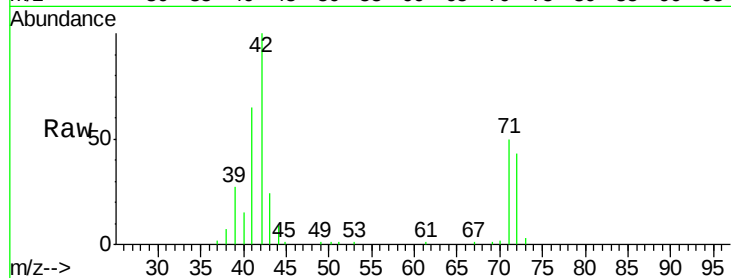




#29
Tetrahydrofuran
Concen: 25.911 ug/l
RT: 5.15 min Scan# 748
Delta R.T. -0.03 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

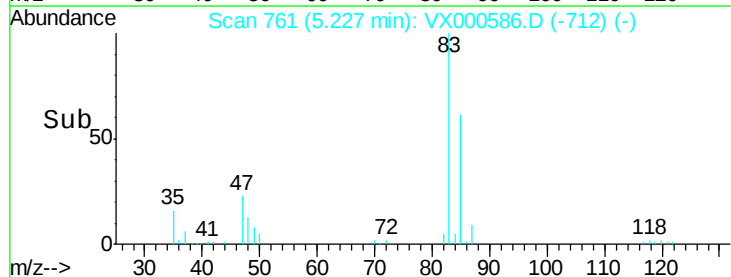
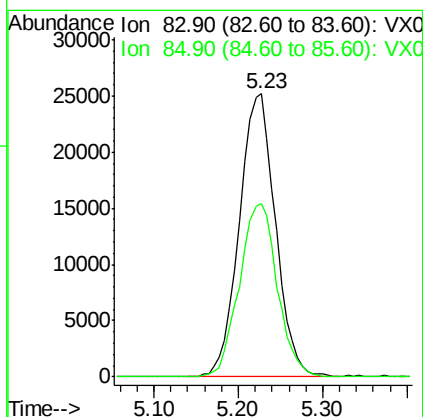
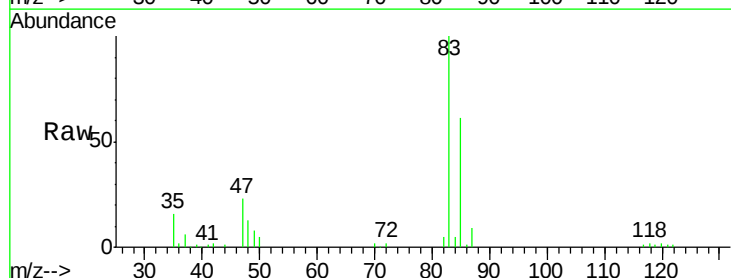
Instrument :
MSVOA_X
ClientSampleId :

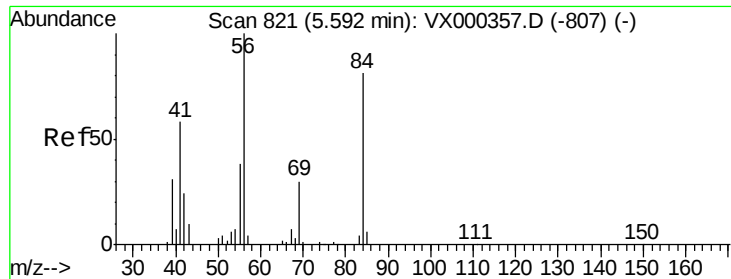
Tot Ion: 42 Resp: 34931
Ion Ratio Lower Upper
42 100
72 47.1 37.9 56.9
71 43.9 34.4 51.6



#30
Chloroform
Concen: 20.409 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 83 Resp: 73146
Ion Ratio Lower Upper
83 100
85 61.3 53.3 79.9

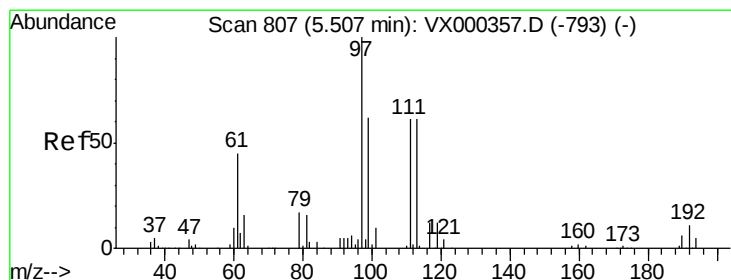
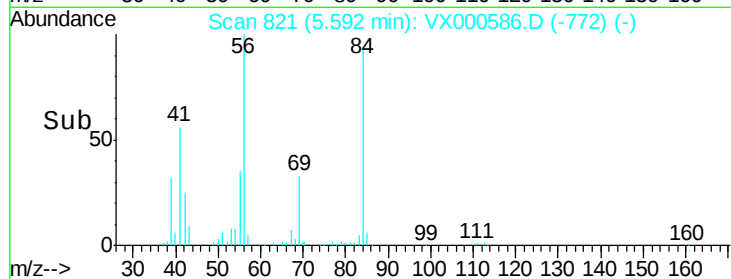
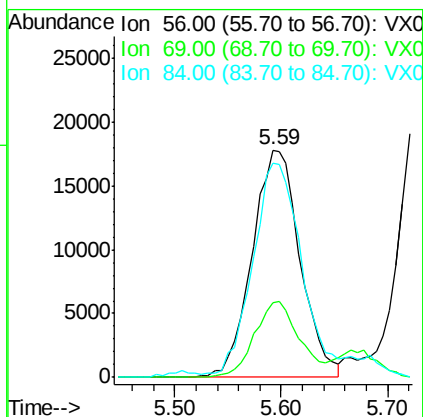
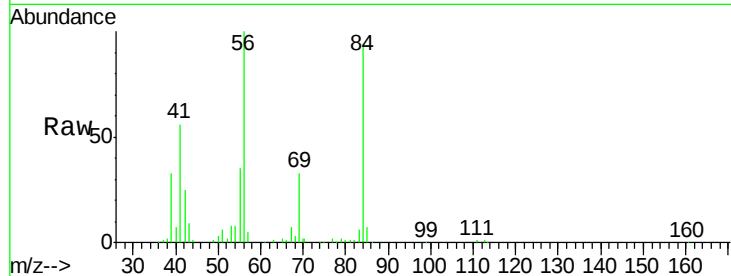




#31
Cvclohexane
Concen: 18.872 ug/l
RT: 5.59 min Scan# 821
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

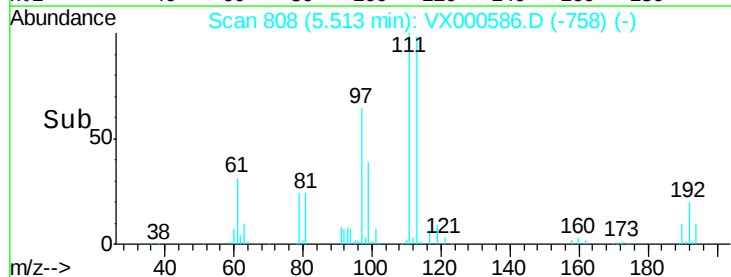
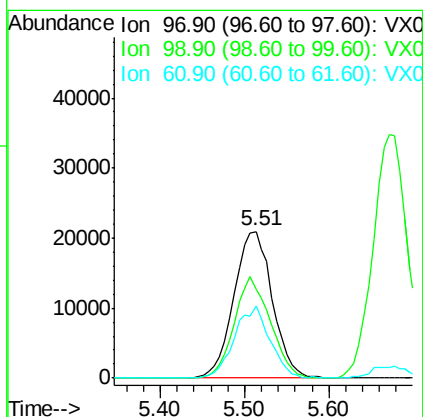
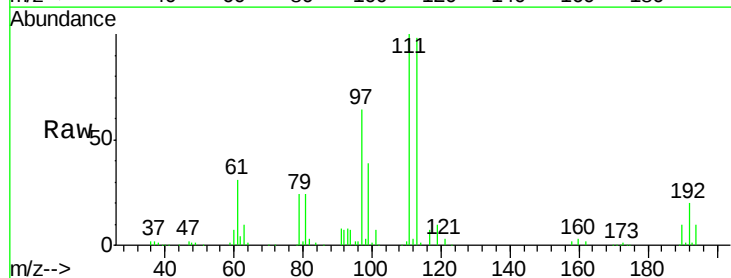
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 55793
Ion Ratio Lower Upper
56 100
69 33.1 23.4 35.0
84 92.5 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 20.007 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 97 Resp: 64689
Ion Ratio Lower Upper
97 100
99 64.7 52.1 78.1
61 45.5 36.2 54.4

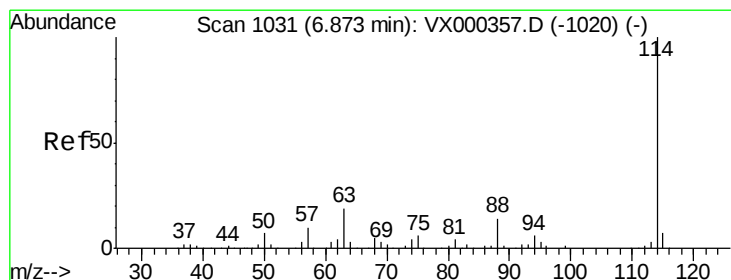
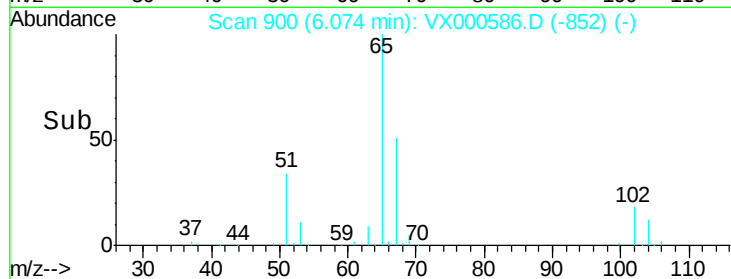
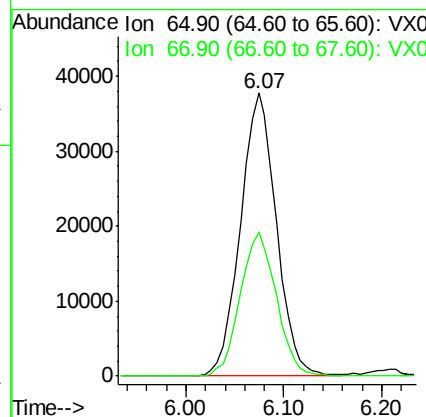
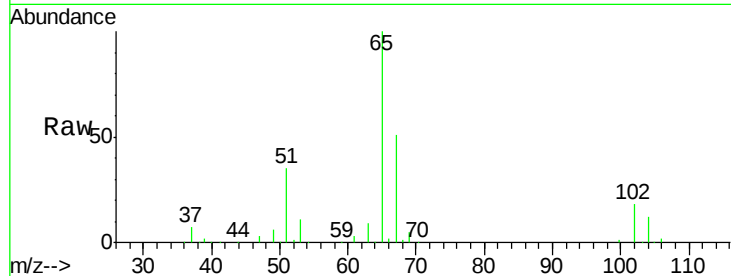




#33
 1,2-Dichloroethane-d4
 Concen: 40.938 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

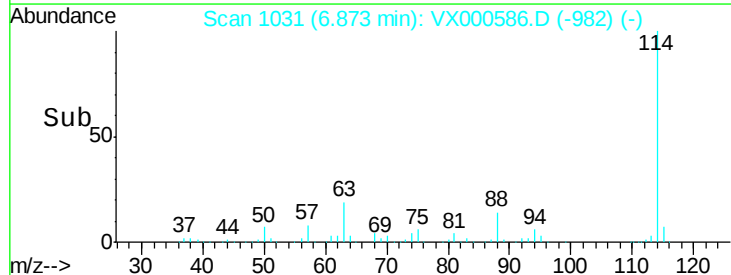
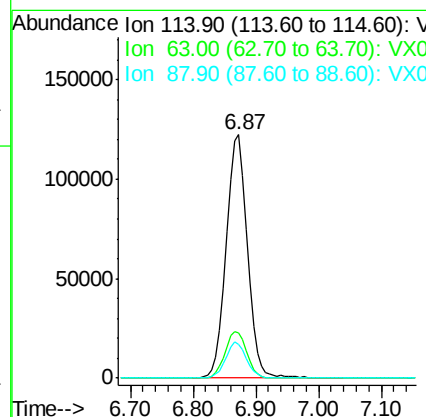
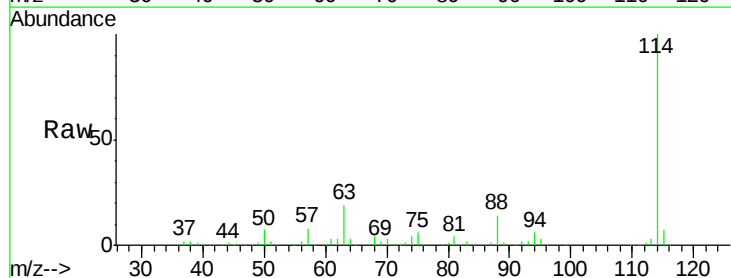
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 95929
 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# 1031
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion: 114 Resp: 287417
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.4
 88 13.9 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.013 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

ClientSampled :

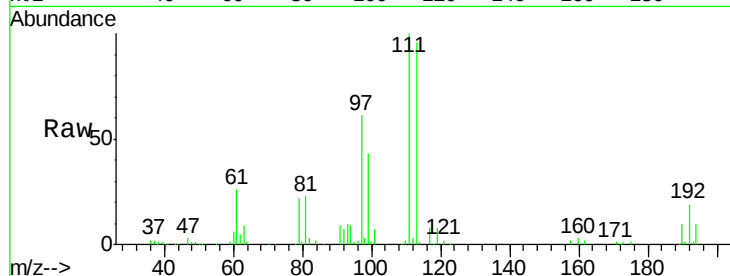
Tot Ion:113 Resp: 92384

Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

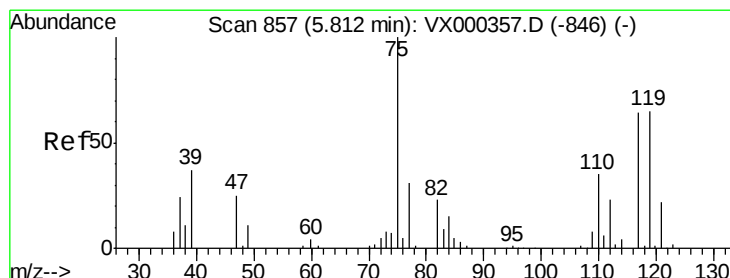
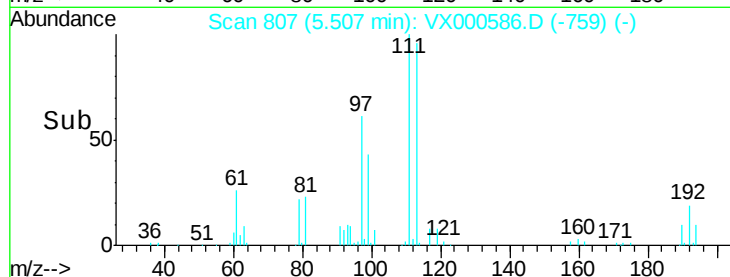
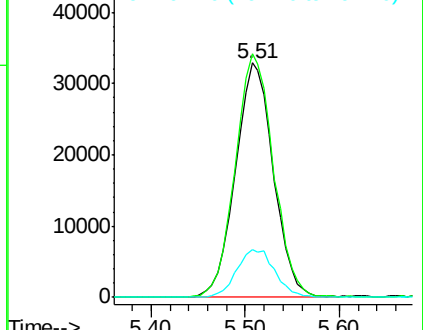
192 20.5 15.8 23.6



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: 19.110 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

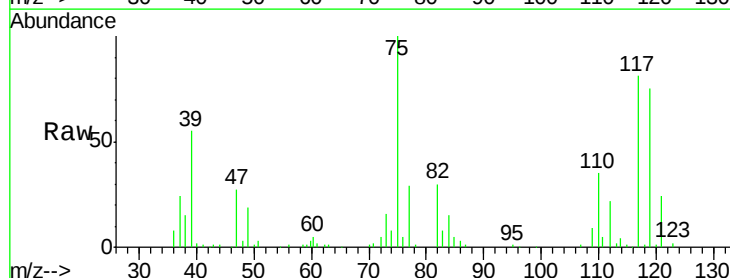
Tgt Ion: 75 Resp: 51448

Ion Ratio Lower Upper

75 100

110 37.6 17.9 53.7

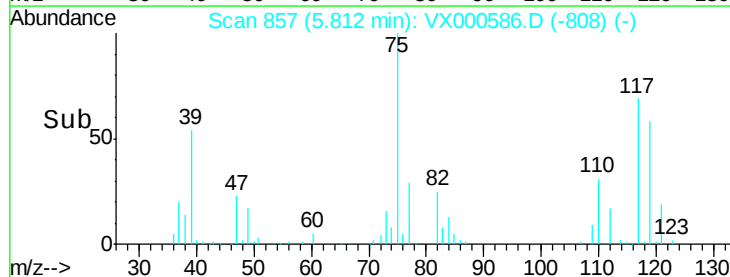
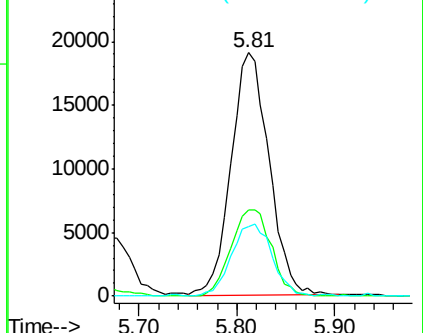
77 31.6 24.0 36.0

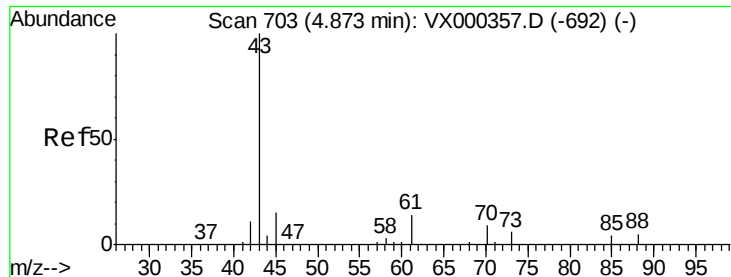


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

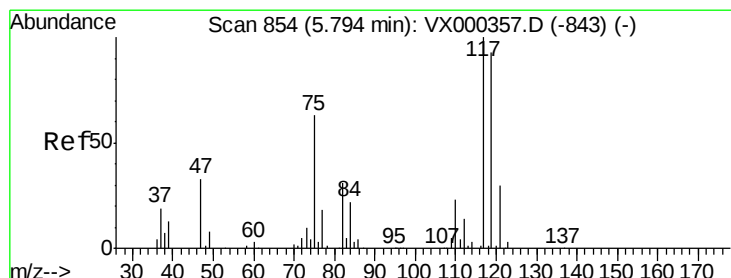
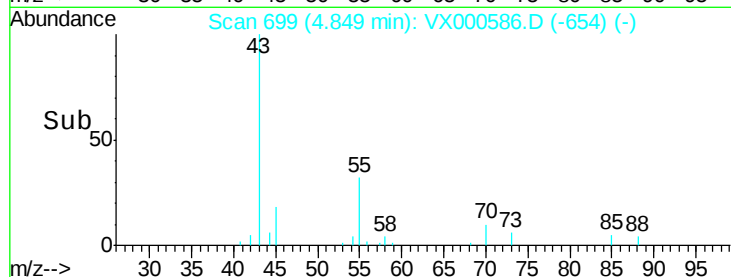
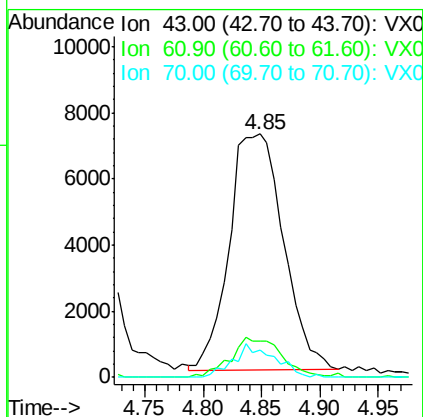
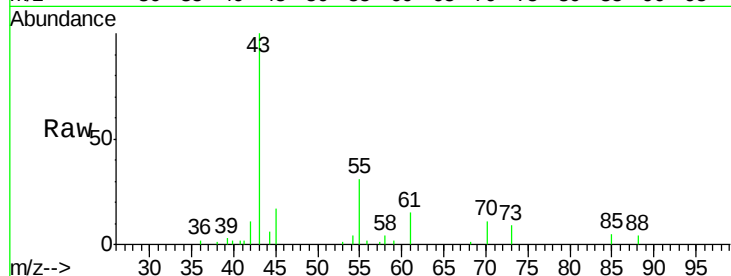




#37
Ethyl Acetate
Concen: 6.272 ug/l
RT: 4.85 min Scan# 699
Delta R.T. -0.02 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

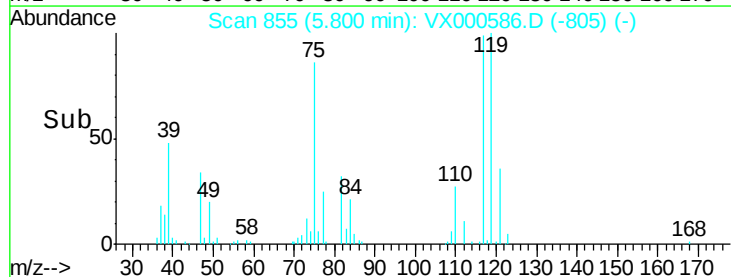
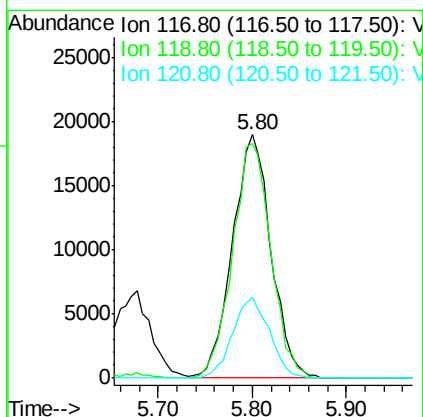
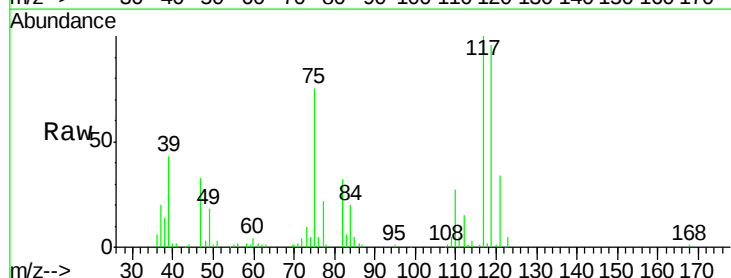
Instrument :
MSVOA_X
ClientSampleId :

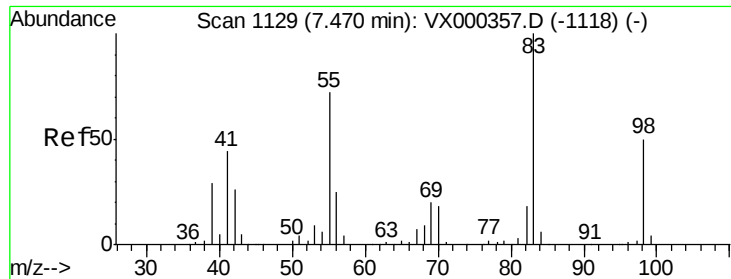
Tot Ion: 43 Resp: 23066
Ion Ratio Lower Upper
43 100
61 16.0 11.1 16.7
70 10.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.174 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 117 Resp: 54157
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
121 33.5 24.8 37.2

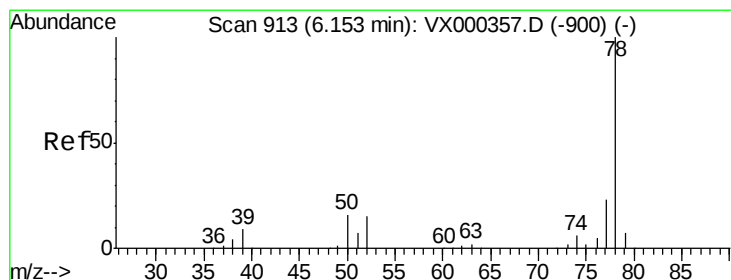
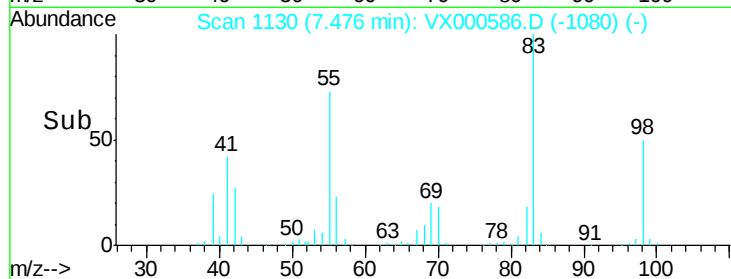
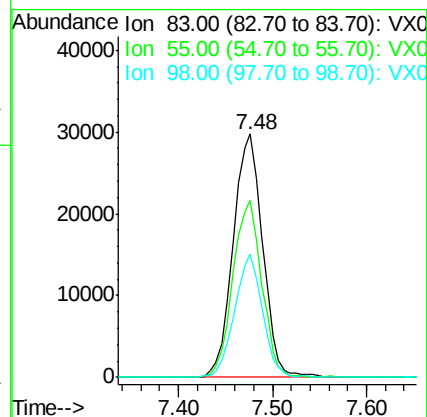
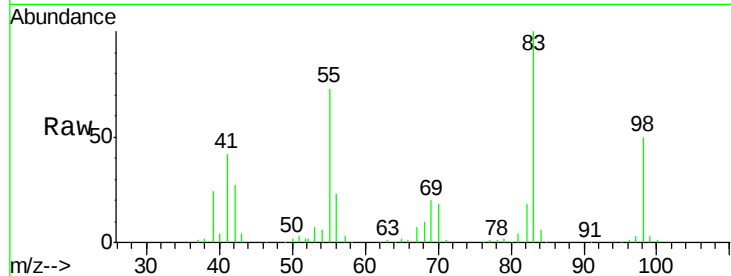




#39
Methvlcvclohexane
Concen: 19.767 ug/l
RT: 7.48 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

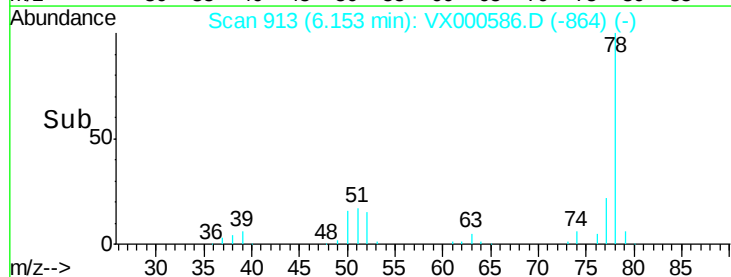
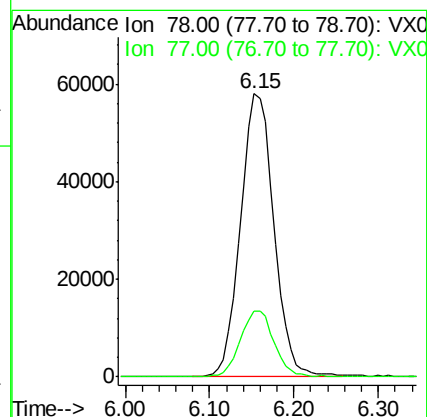
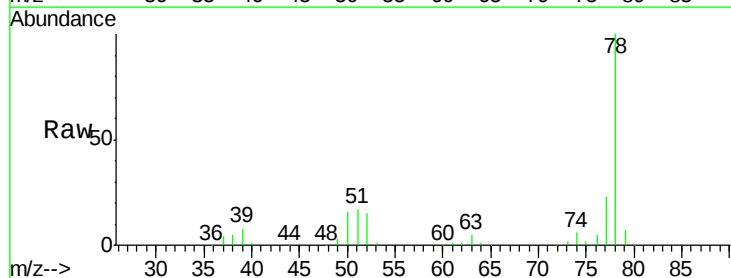
Instrument :
MSVOA_X
ClientSampleId :

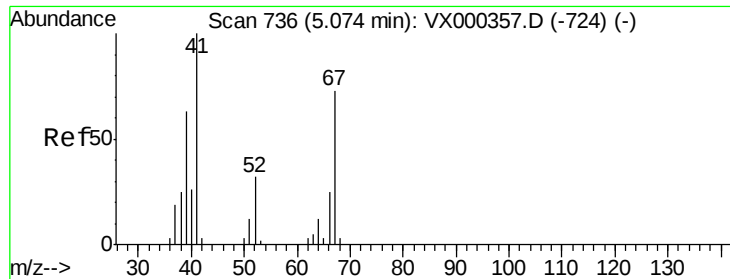
Tot Ion: 83 Resp: 64720
Ion Ratio Lower Upper
83 100
55 72.6 55.5 83.3
98 50.4 38.2 57.4



#40
Benzene
Concen: 19.856 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 78 Resp: 155243
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1

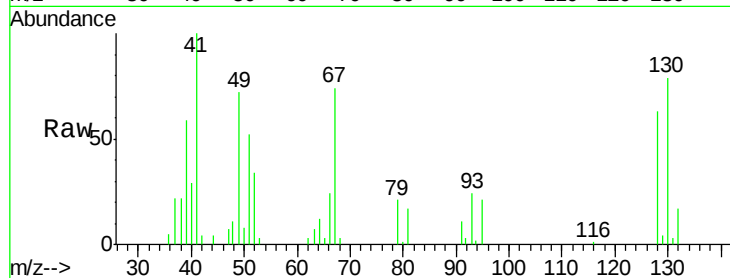




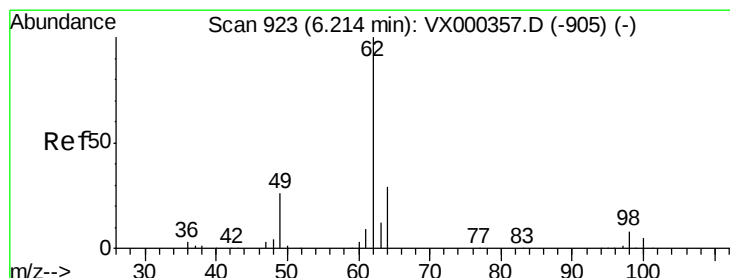
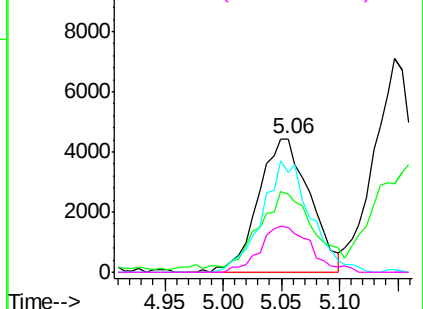
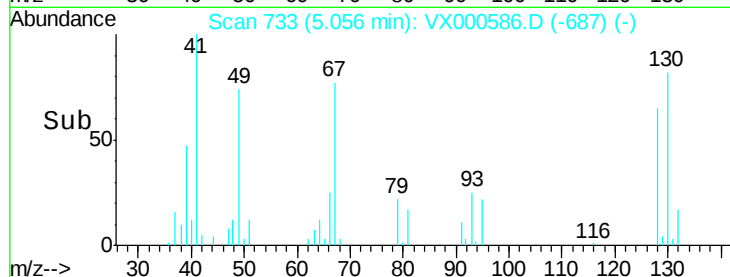
#41
Methacrylonitrile
Concen: 7.034 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.02 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	13637
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.7	68.5
67	78.5	57.8	86.8
52	33.9	26.7	40.1

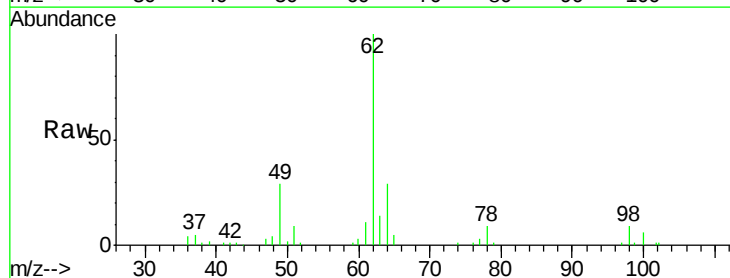


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

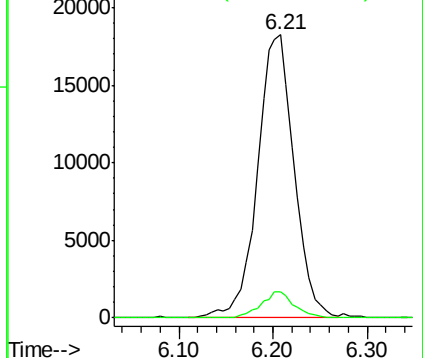
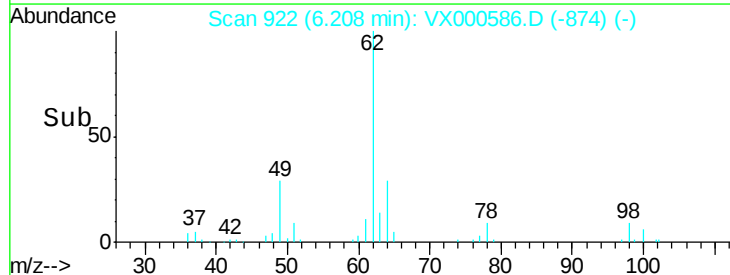


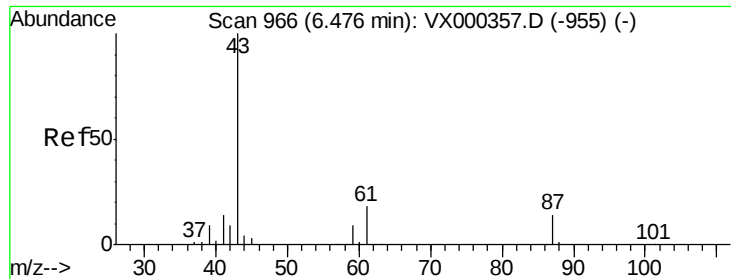
#42
1,2-Dichloroethane
Concen: 16.162 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion:	62	Resp:	49580
Ion	Ratio	Lower	Upper
62	100		
98	8.4	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: 8.764 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

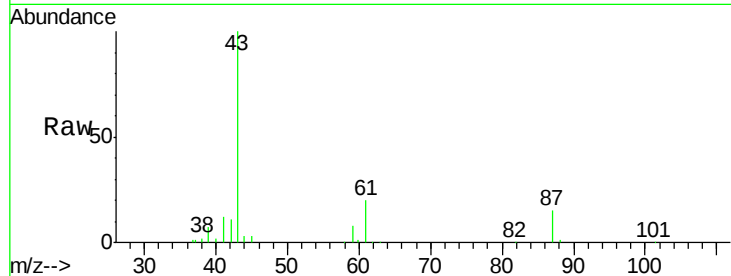
Tot Ion: 43 Resp: 47976

Ion Ratio Lower Upper

43 100

61 19.6 14.4 21.6

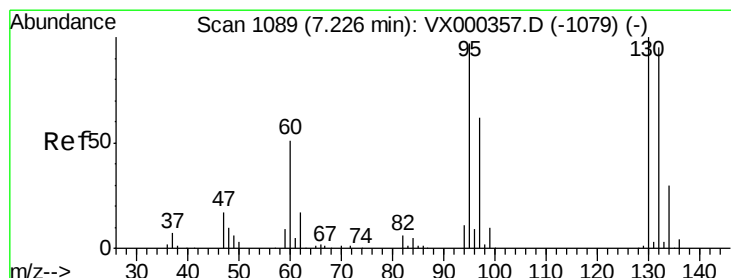
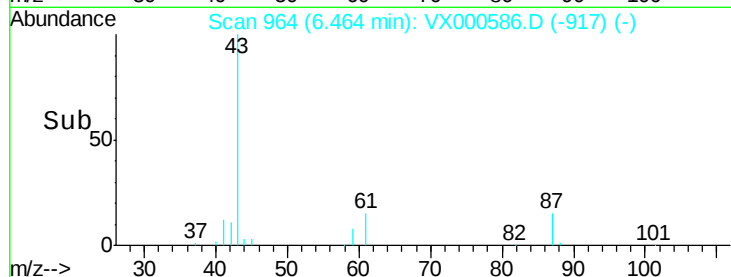
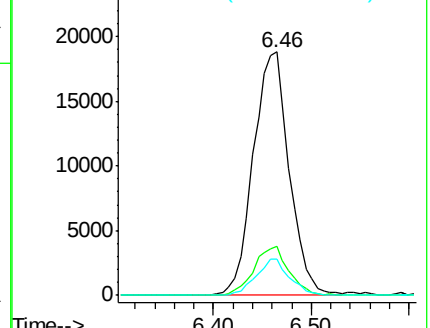
87 13.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX000357.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VX000357.D (-955) (-)

Ion 87.00 (86.70 to 87.70): VX000357.D (-955) (-)



#44

Trichloroethene

Concen: 20.017 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000586.D

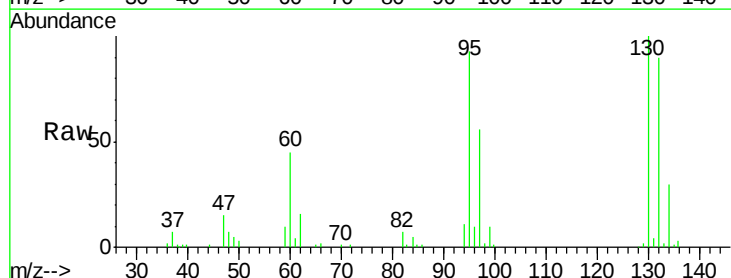
Acq: 31 Mar 2018 12:23

Tgt Ion: 130 Resp: 44835

Ion Ratio Lower Upper

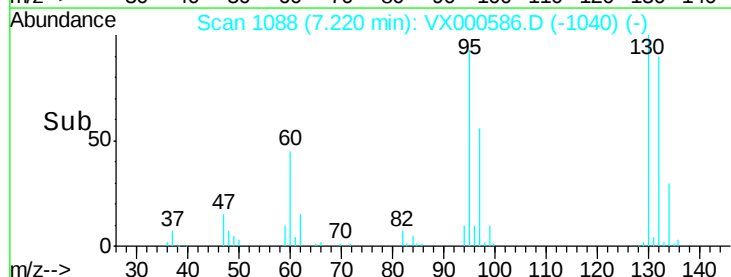
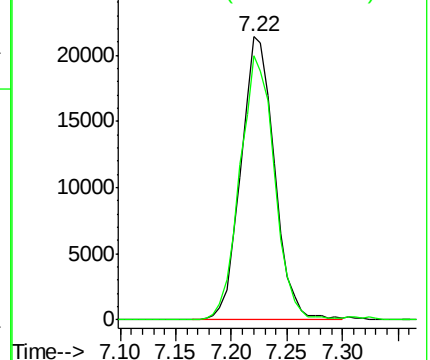
130 100

95 93.2 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): VX000357.D (-1079) (-)

Ion 94.90 (94.60 to 95.60): VX000357.D (-1079) (-)

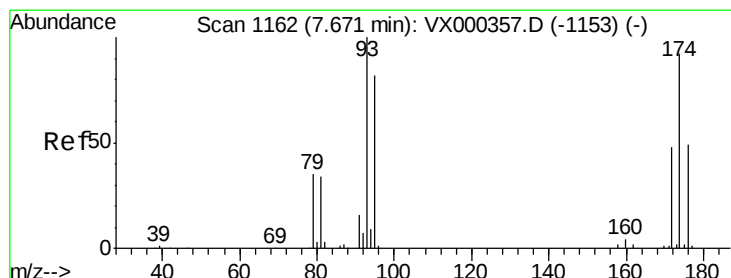
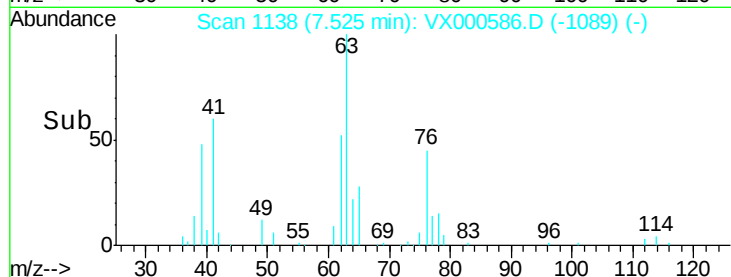
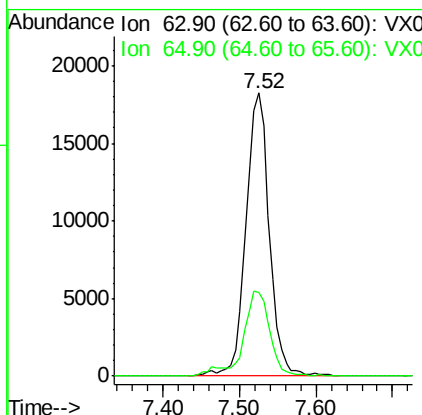
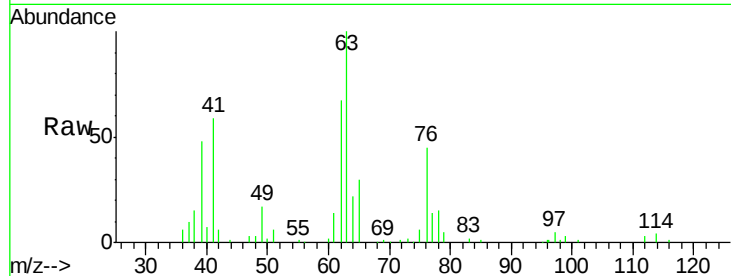




#45
 1,2-Dichloropropane
 Concen: 19.407 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

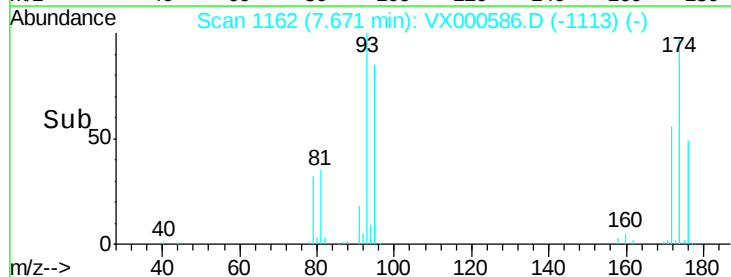
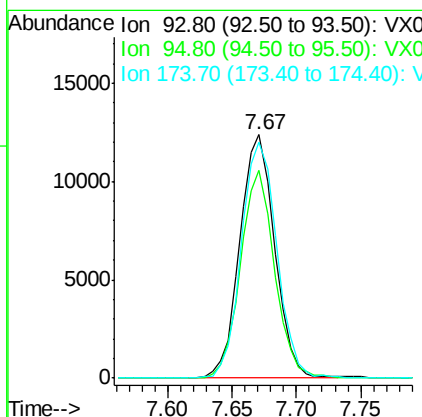
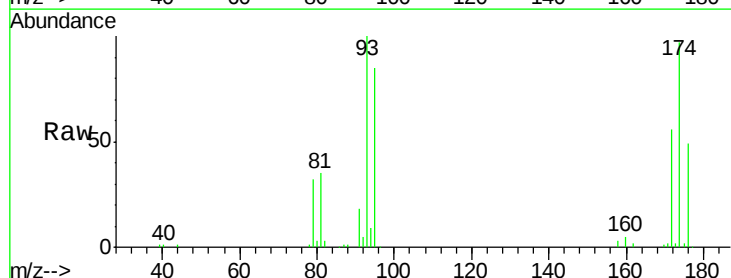
Instrument :
 MSVOA_X
 ClientSampleId :

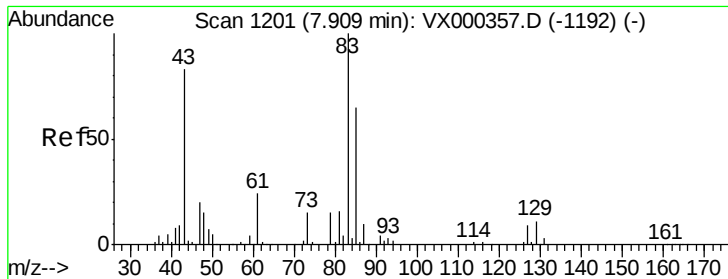
Tot Ion: 63 Resp: 38839
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.6 36.8



#46
 Dibromomethane
 Concen: 14.749 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion: 93 Resp: 23168
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.5 99.7
 174 98.9 76.0 114.0





#47

Bromodichloromethane

Concen: 18.819 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :
MSVOA_X
ClientSampleId :

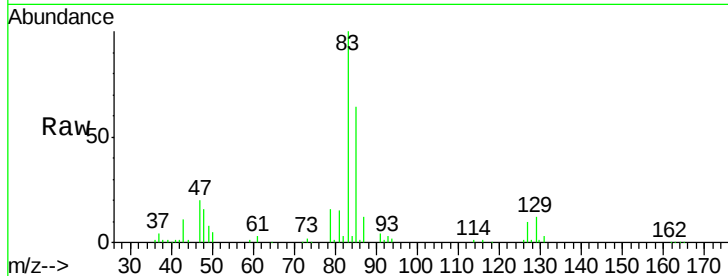
Tot Ion: 83 Resp: 52012

Ion Ratio Lower Upper

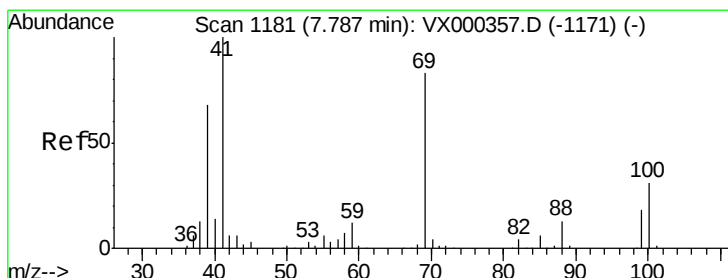
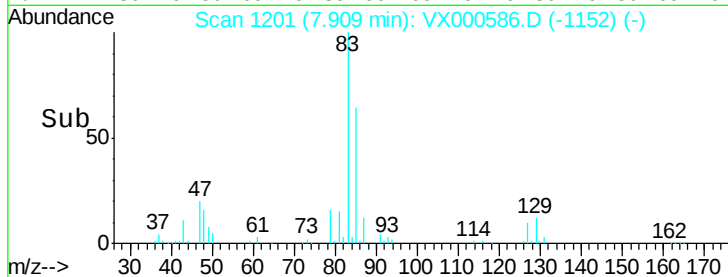
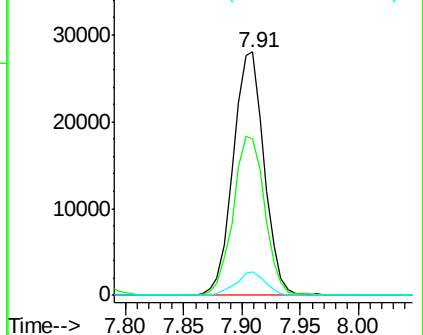
83 100

85 64.5 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: 8.763 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

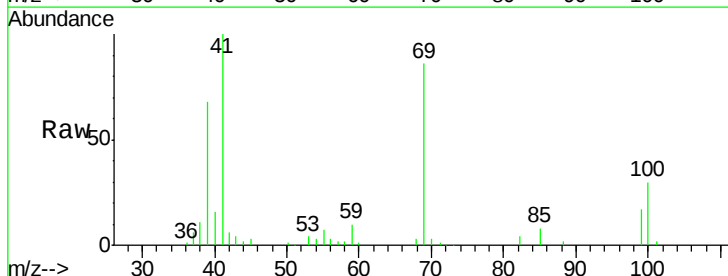
Tgt Ion: 41 Resp: 23290

Ion Ratio Lower Upper

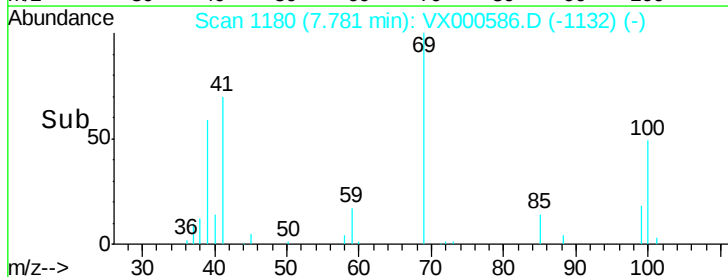
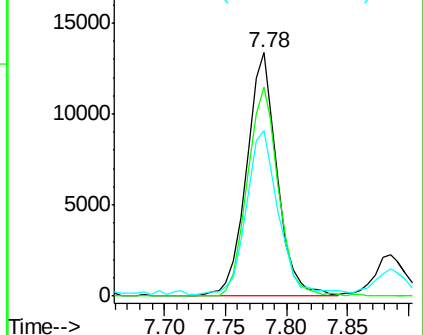
41 100

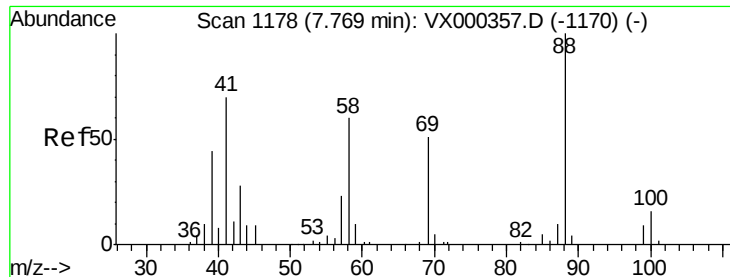
69 86.7 68.2 102.4

39 69.3 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

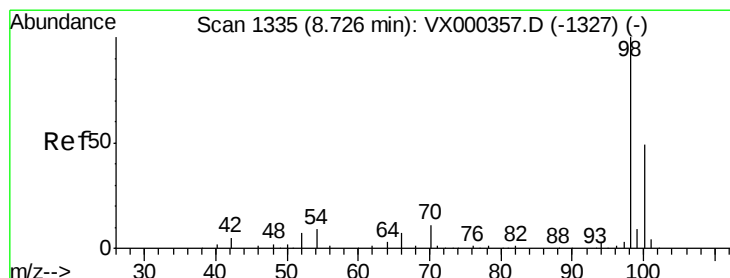
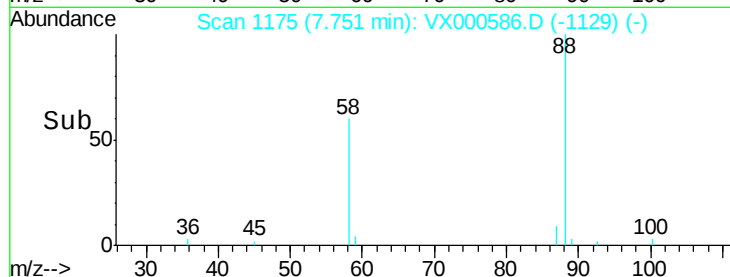
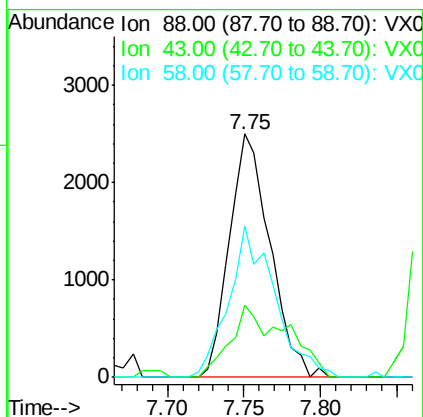
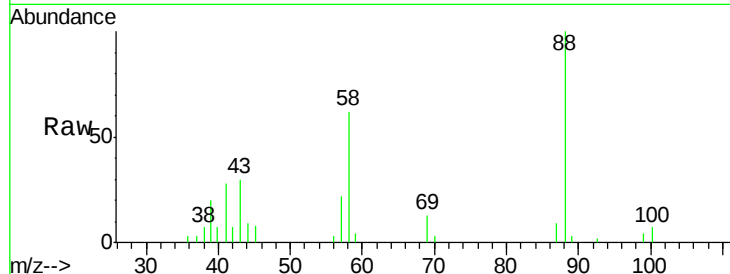




#49
1,4-Dioxane
Concen: 82.648 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. -0.02 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

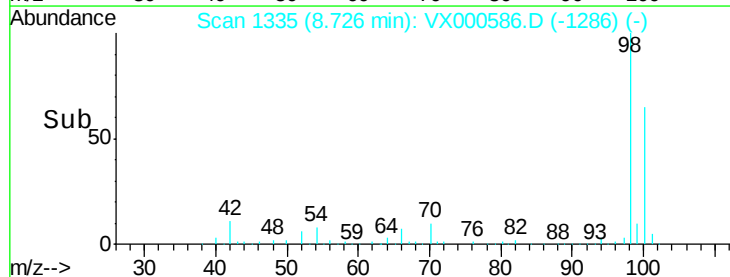
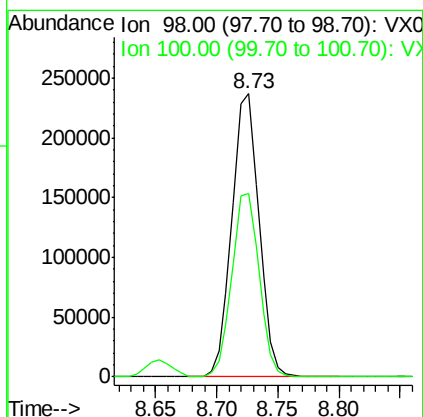
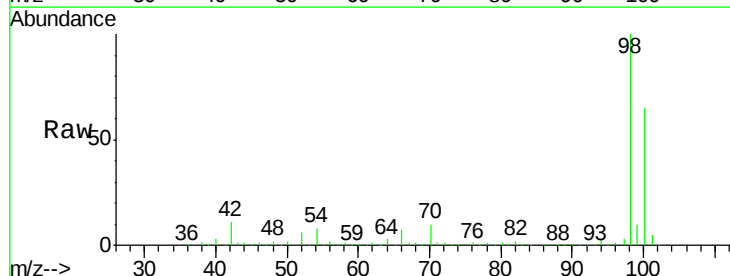
Instrument :
MSVOA_X
ClientSampleId :

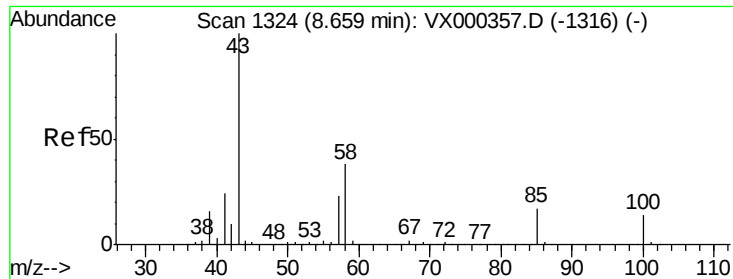
Tot Ion: 88 Resp: 4617
Ion Ratio Lower Upper
88 100
43 40.6 26.8 40.2#
58 70.8 52.2 78.2



#50
Toluene-d8
Concen: 48.528 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 98 Resp: 363979
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 32.080 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

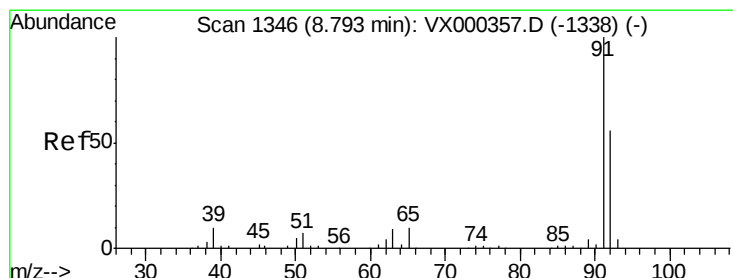
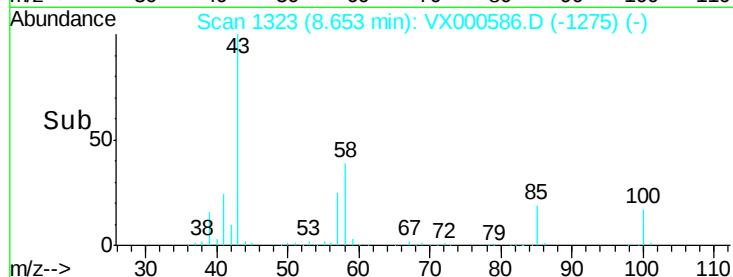
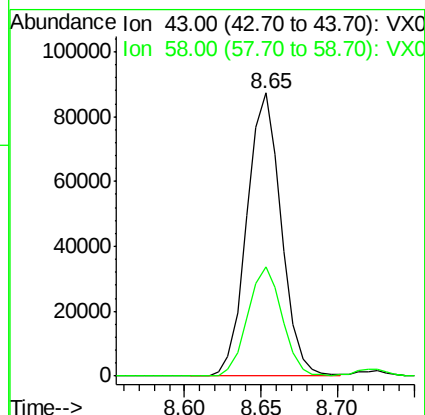
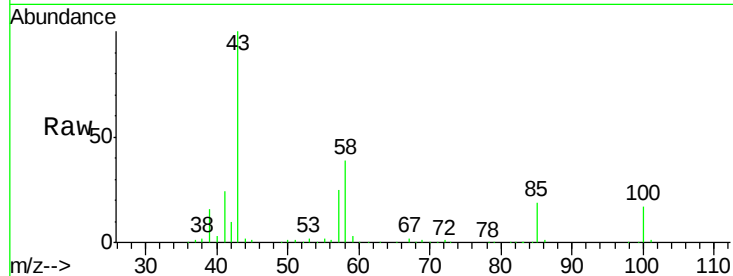
ClientSampled :

Tot Ion: 43 Resp: 135932

Ion Ratio Lower Upper

43 100

58 39.1 30.3 45.5



#52

Toluene

Concen: 19.269 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000586.D

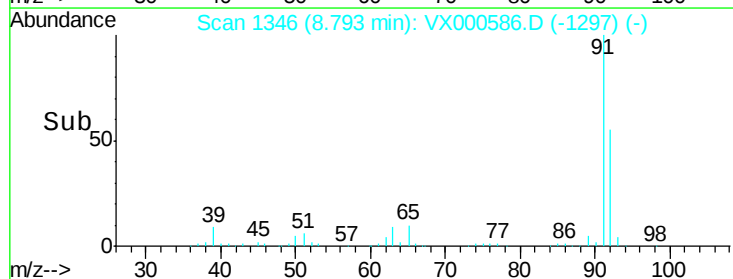
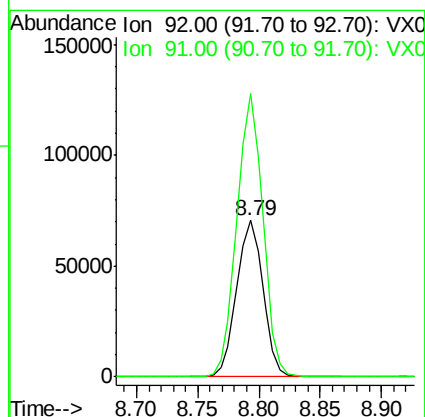
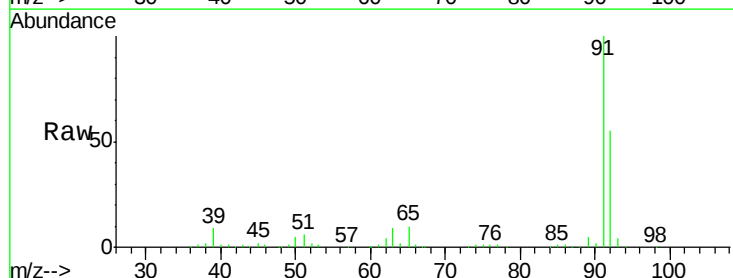
Acq: 31 Mar 2018 12:23

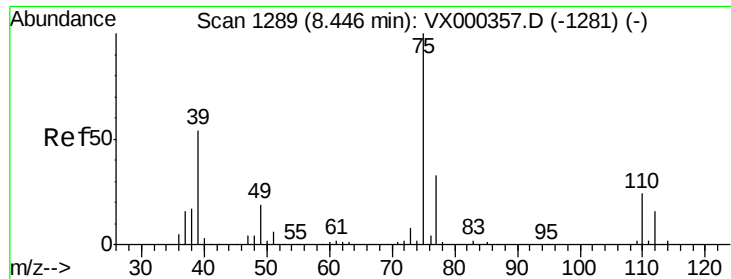
Tgt Ion: 92 Resp: 105319

Ion Ratio Lower Upper

92 100

91 178.6 140.2 210.2

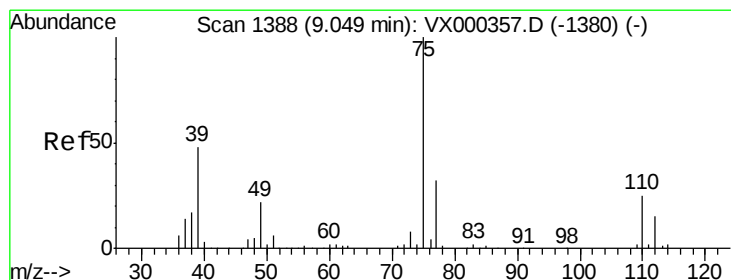
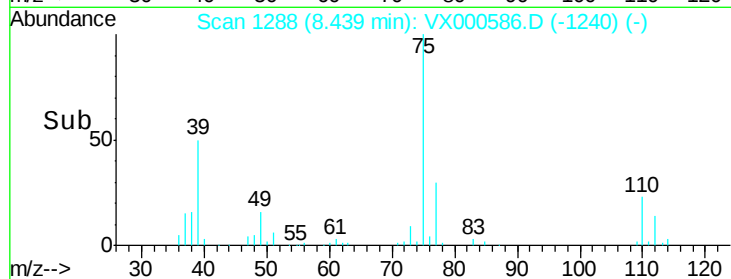
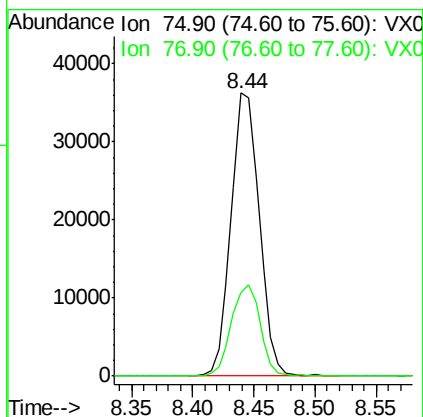
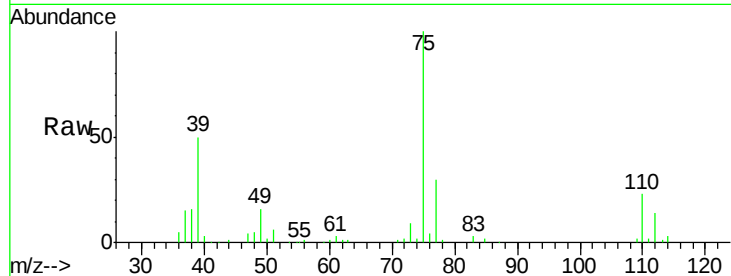




#53
 t-1,3-Dichloropropene
 Concen: 18.146 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

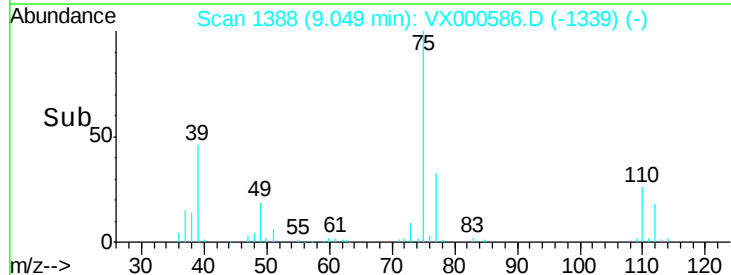
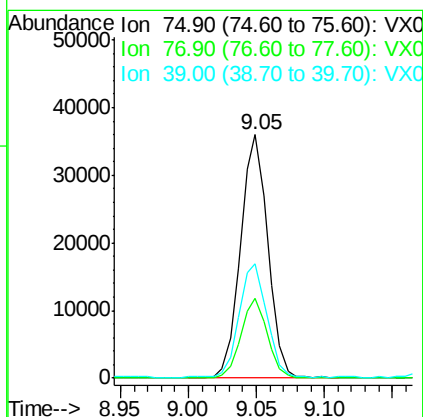
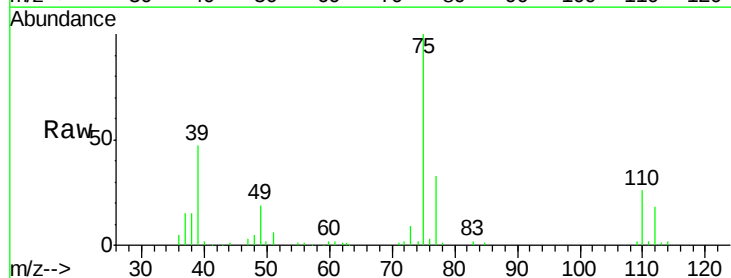
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 58114
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 16.264 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion: 75 Resp: 50526
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.1 39.1
 39 46.3 39.8 59.6

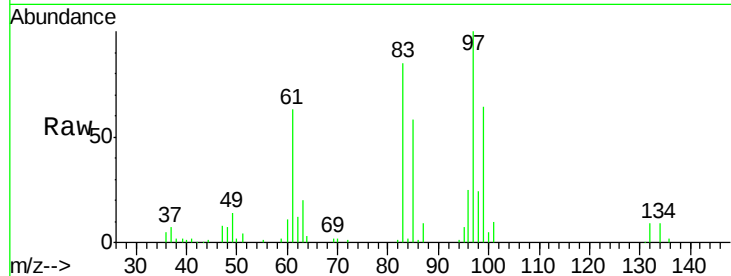




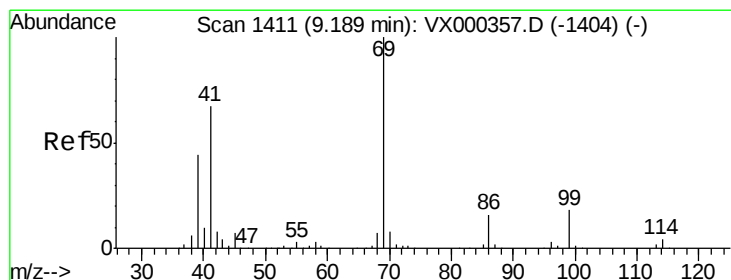
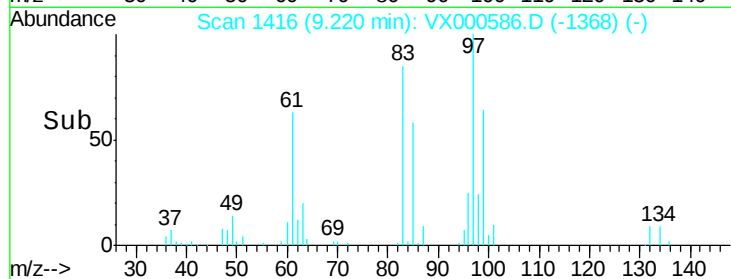
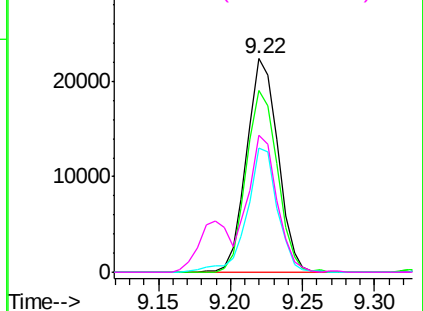
#55
 1,1,2-Trichloroethane
 Concen: 14.990 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 33694
 Ion Ratio Lower Upper
 97 100
 83 84.9 67.9 101.9
 85 58.3 42.8 64.2
 99 63.8 49.4 74.2

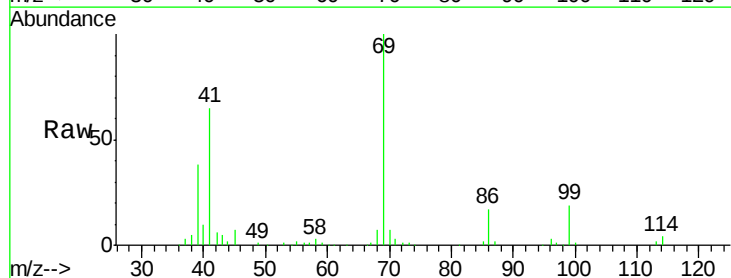


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

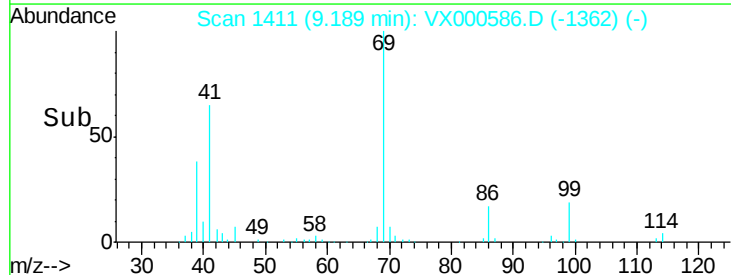
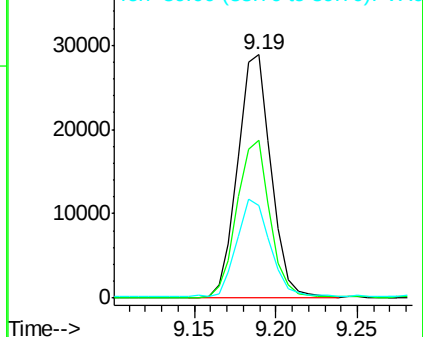


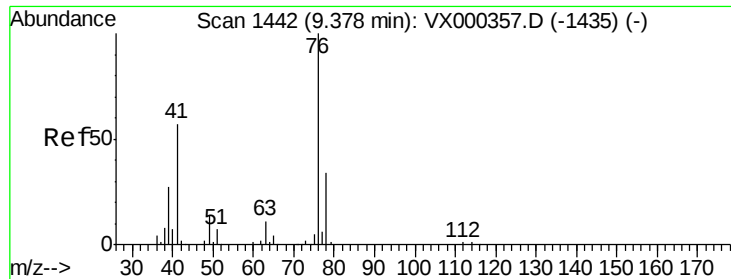
#56
 Ethyl methacrylate
 Concen: 12.108 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion: 69 Resp: 41238
 Ion Ratio Lower Upper
 69 100
 41 64.6 53.0 79.6
 39 41.0 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

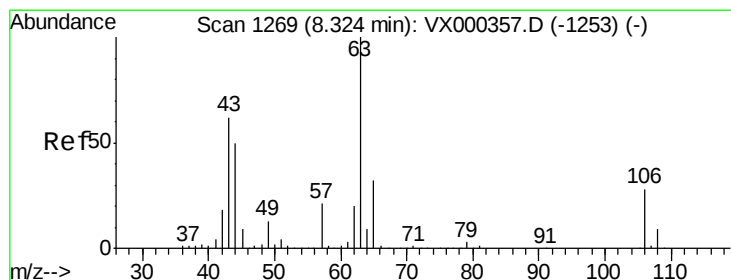
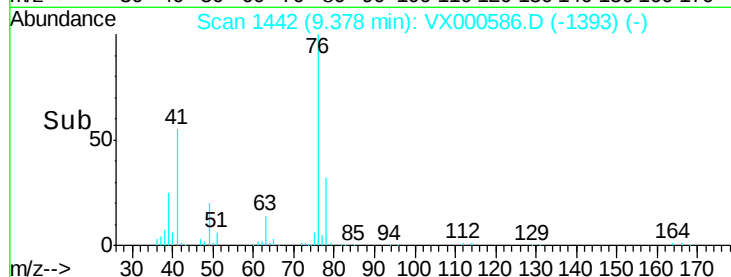
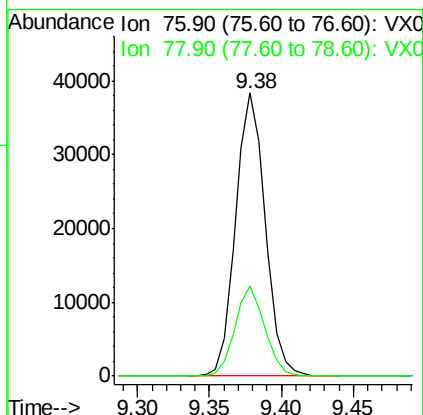
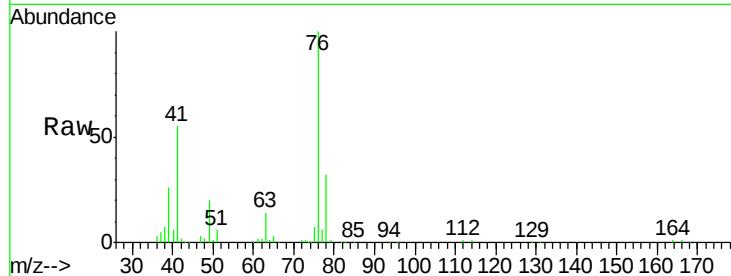




#57
 1,3-Dichloropropane
 Concen: 15.259 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

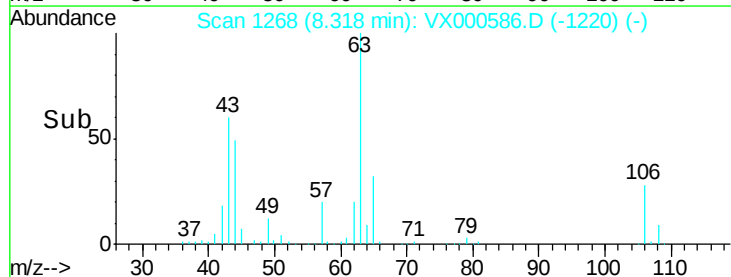
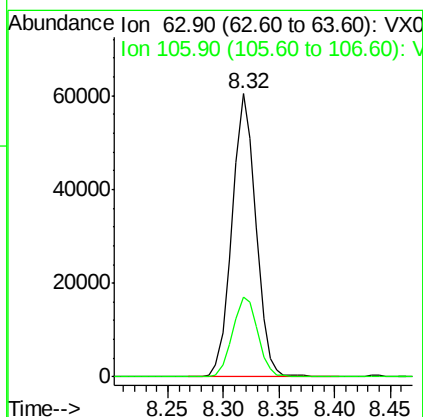
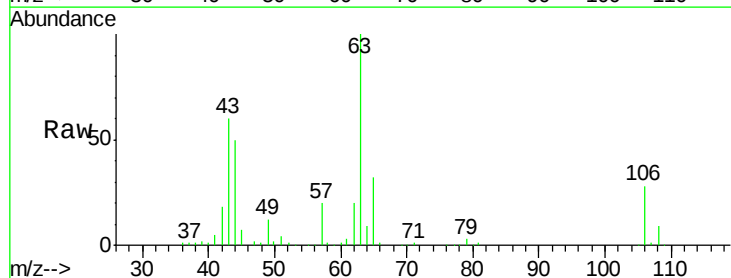
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 76 Resp: 54859
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 55.046 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion: 63 Resp: 89982
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.2 34.8

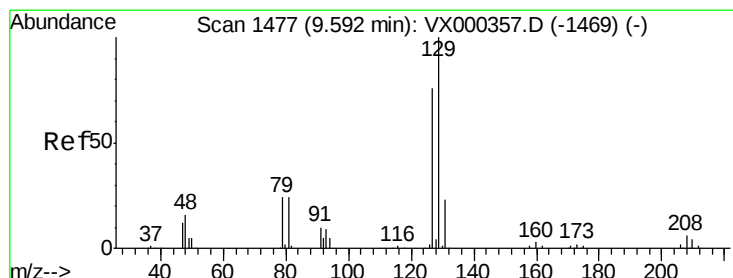
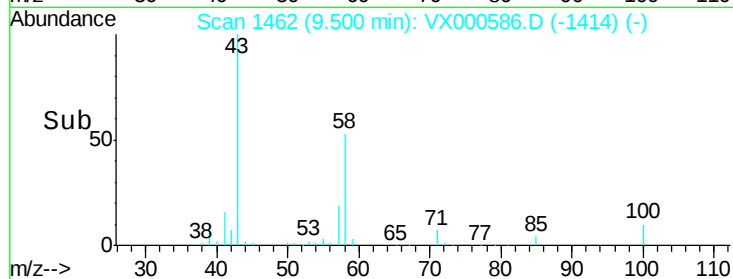
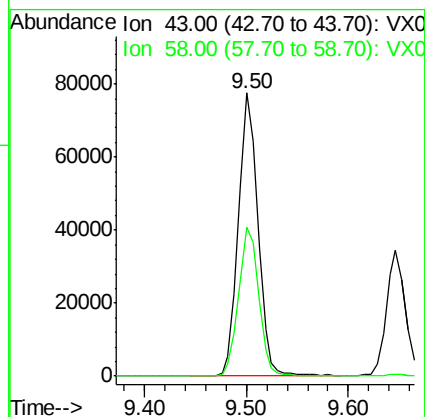
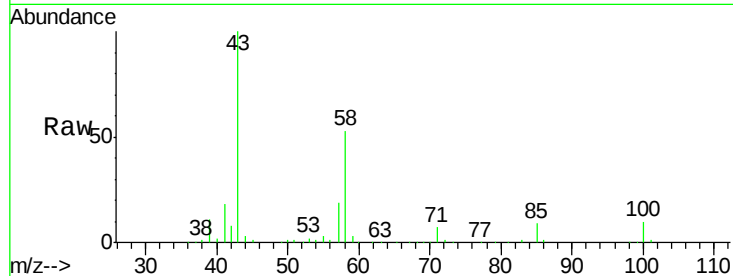




#59
2-Hexanone
Concen: 28.474 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

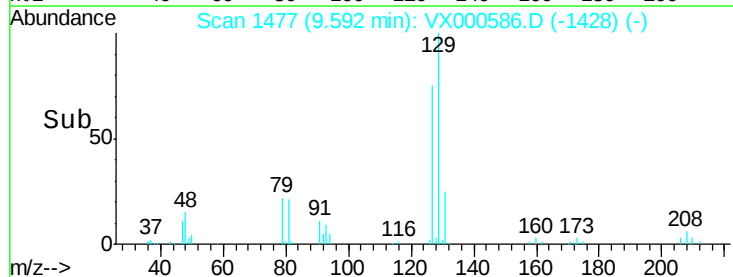
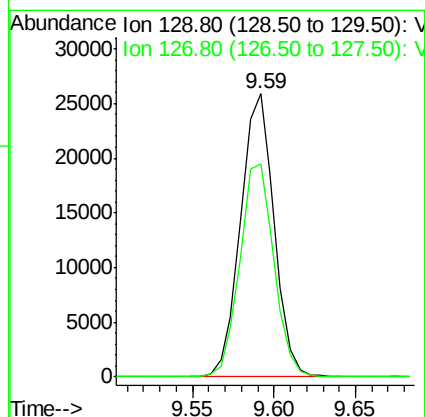
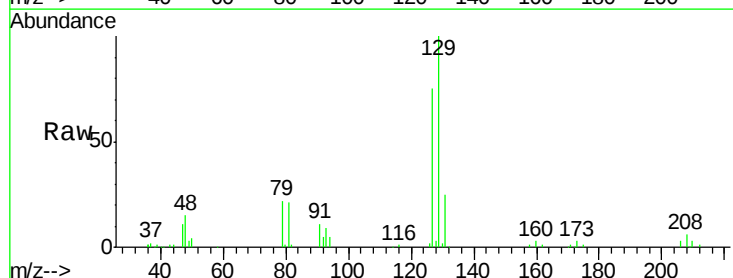
Instrument :
MSVOA_X
ClientSampled :

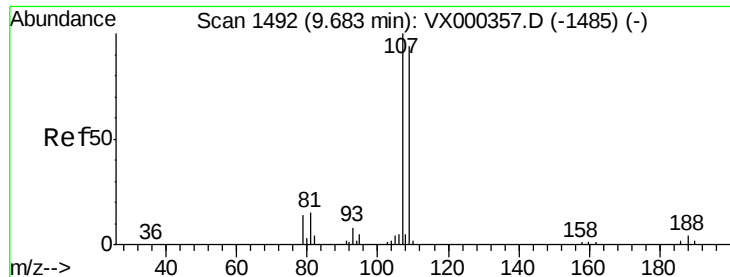
Tot Ion: 43 Resp: 102447
Ion Ratio Lower Upper
43 100
58 53.9 26.6 79.7



#60
Dibromochloromethane
Concen: 16.864 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion:129 Resp: 36951
Ion Ratio Lower Upper
129 100
127 76.9 37.9 113.6





#61

1,2-Dibromoethane

Concen: 13.360 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

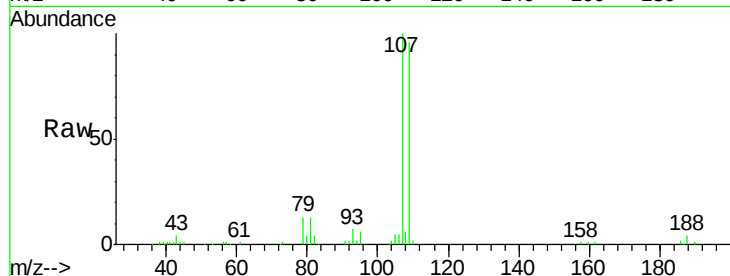
ClientSampleId :

Tot Ion:107 Resp: 32202

Ion Ratio Lower Upper

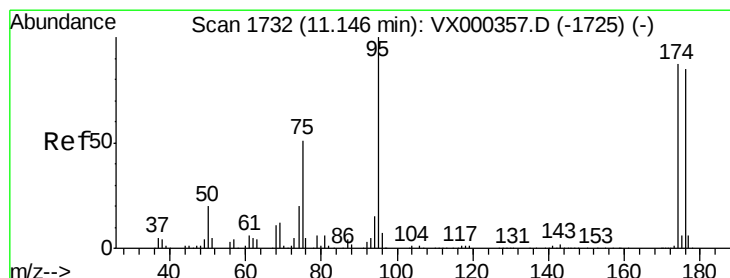
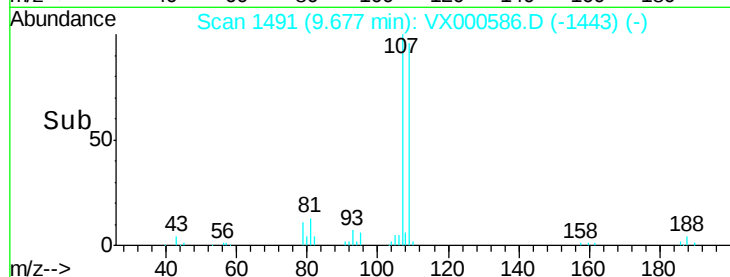
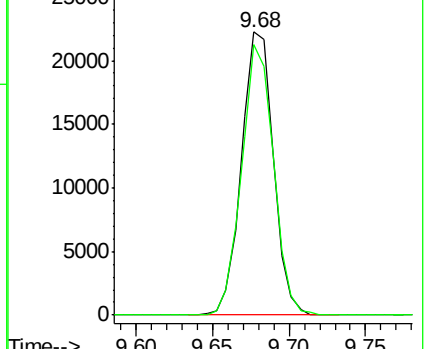
107 100

109 95.6 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: 44.707 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

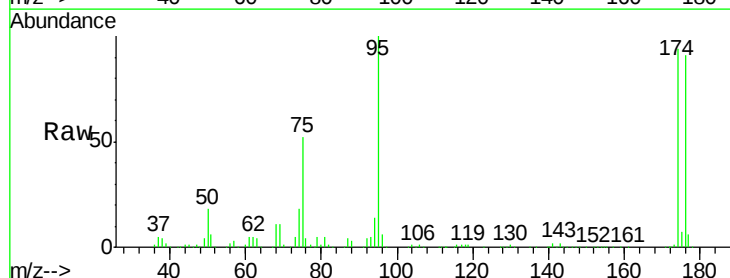
Tgt Ion: 95 Resp: 139341

Ion Ratio Lower Upper

95 100

174 88.5 0.0 173.6

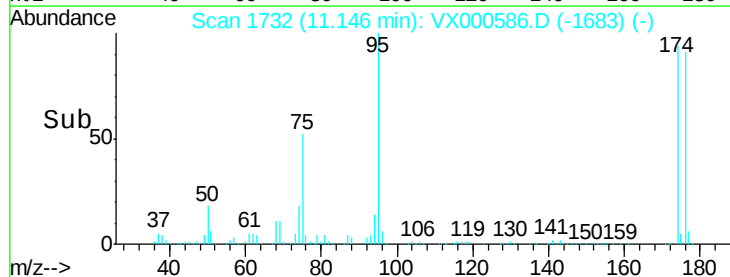
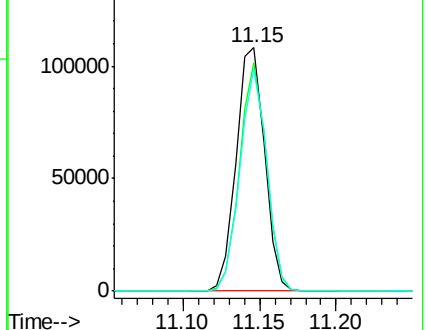
176 86.3 0.0 164.6

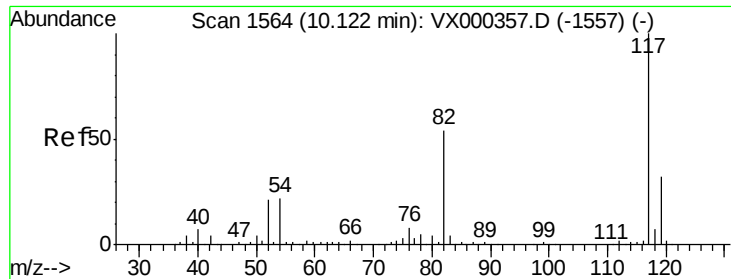


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

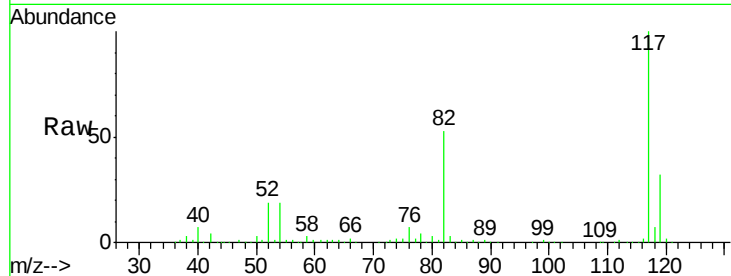




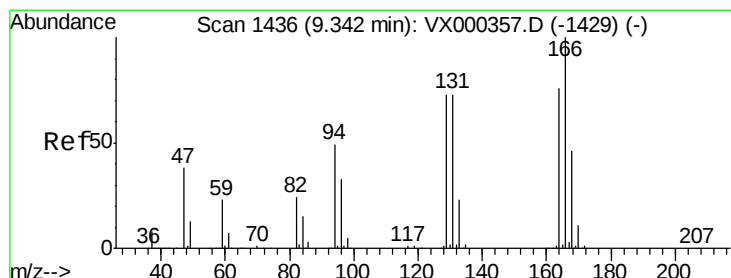
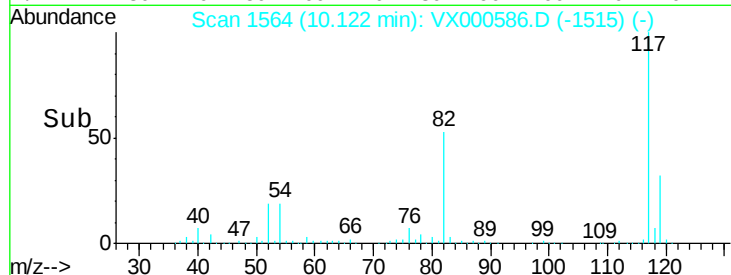
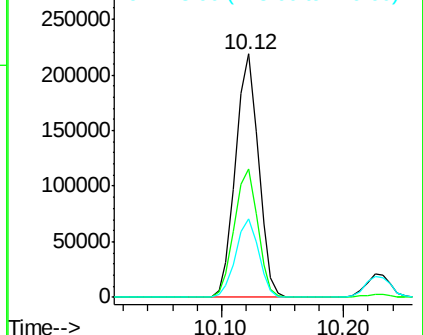
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 283311
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.8
119 32.4 24.9 37.3



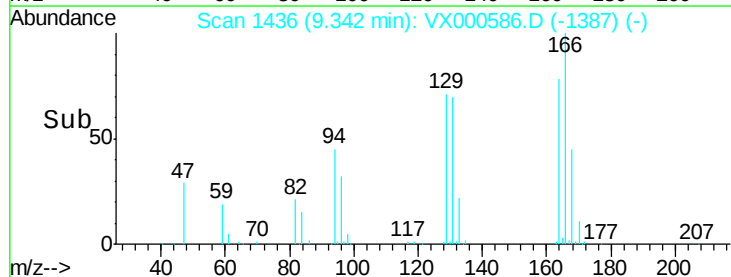
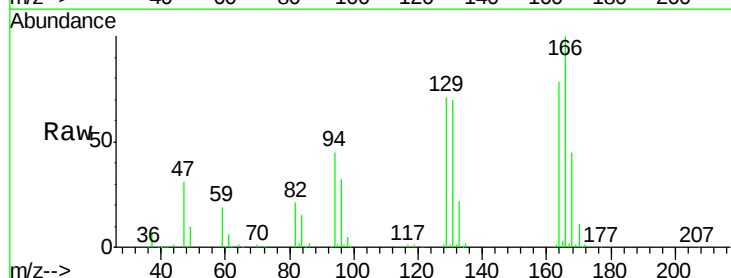
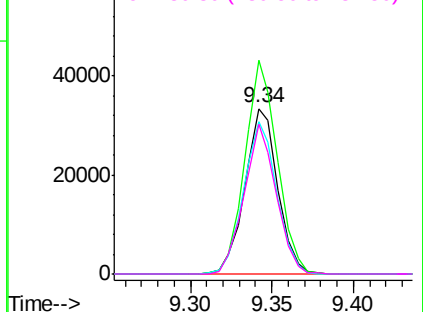
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

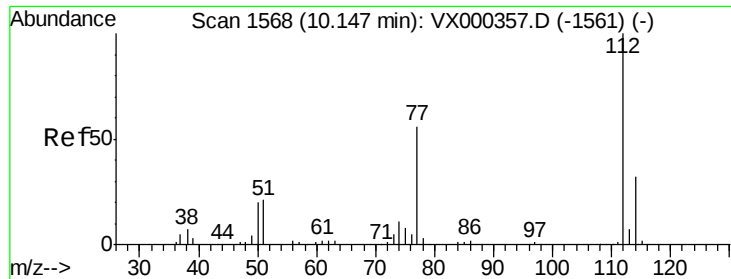


#64
Tetrachloroethene
Concen: 21.330 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion:164 Resp: 46893
Ion Ratio Lower Upper
164 100
166 128.9 101.0 151.6
129 91.9 79.0 118.4
131 90.1 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

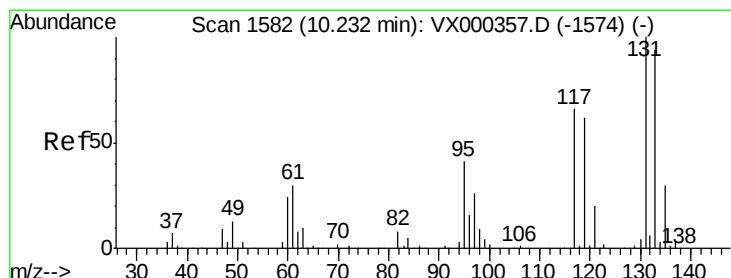
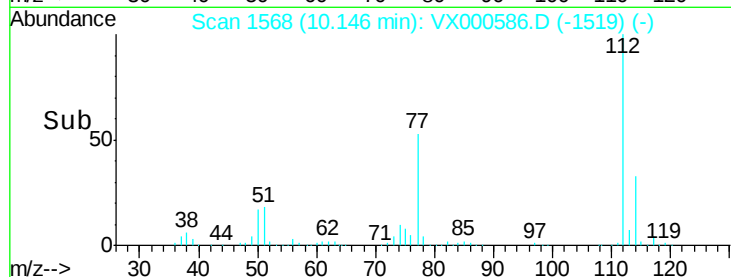
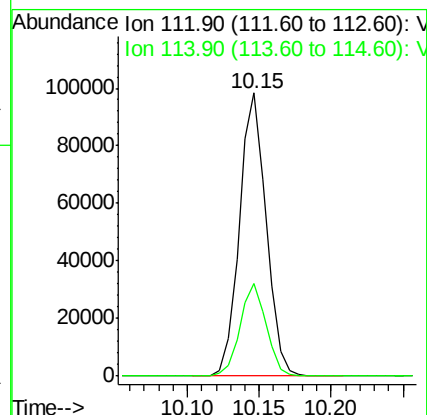
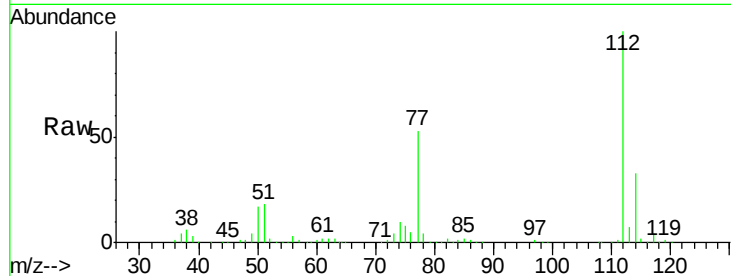




#65
Chlorobenzene
Concen: 20.149 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

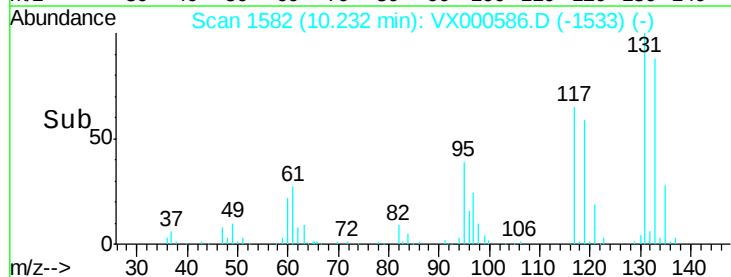
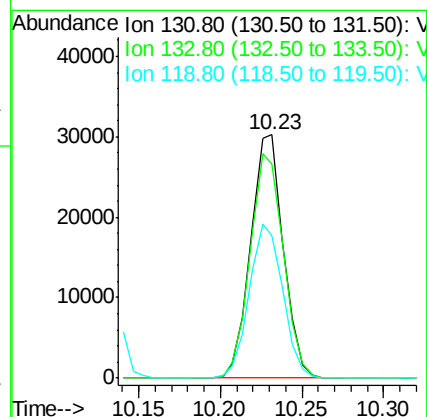
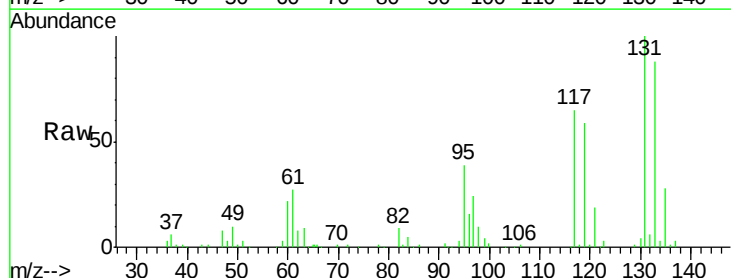
Instrument :
MSVOA_X
ClientSampled :

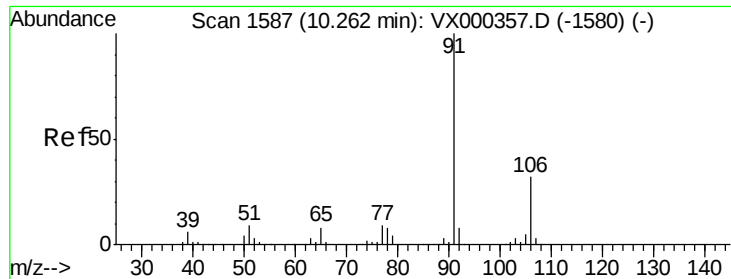
Tot Ion:112 Resp: 127037
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.783 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion:131 Resp: 42361
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.3
119 64.9 33.1 99.2

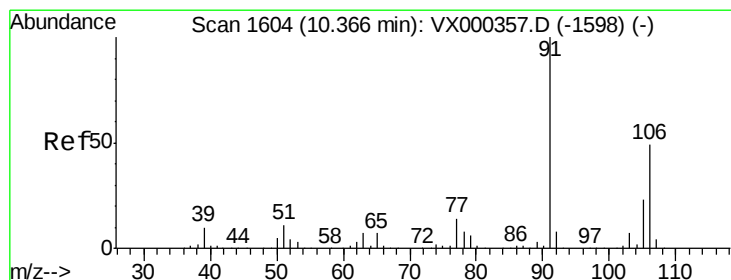
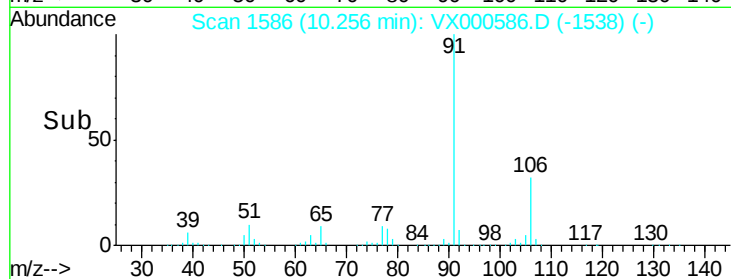
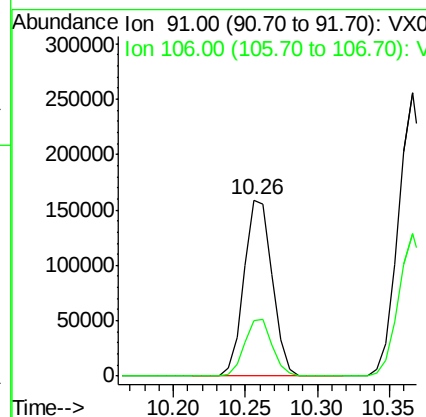
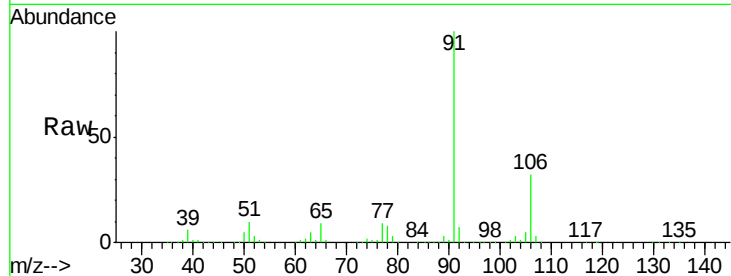




#67
Ethyl Benzene
Concen: 20.138 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

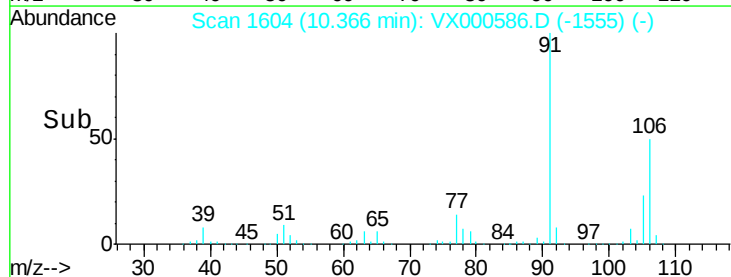
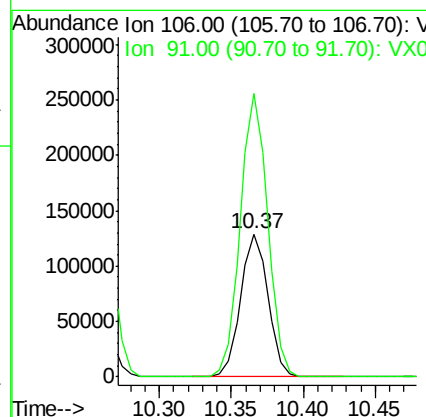
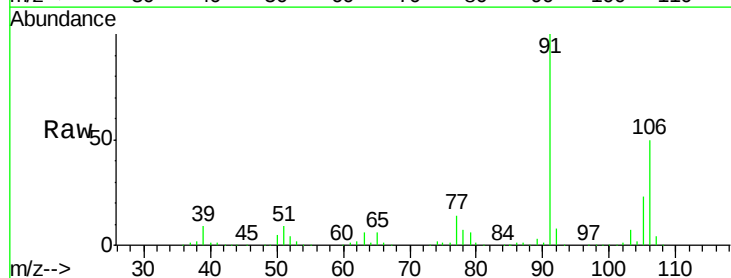
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 215239
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 40.651 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion: 106 Resp: 170966
Ion Ratio Lower Upper
106 100
91 198.4 163.4 245.2

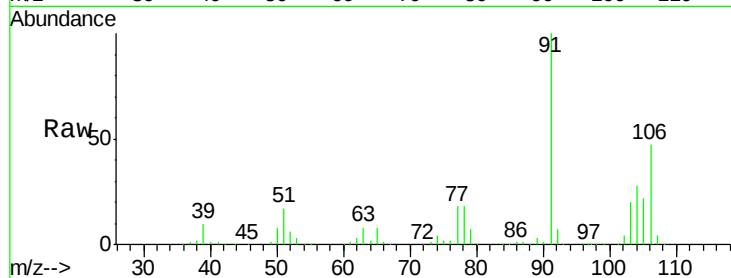




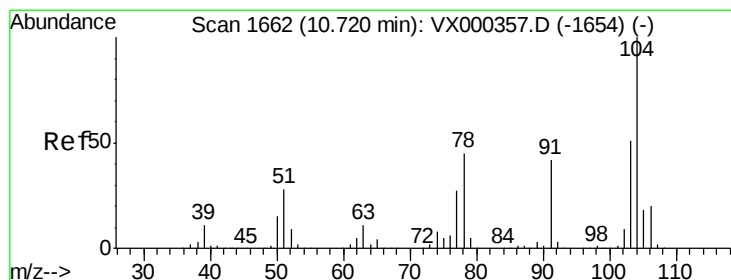
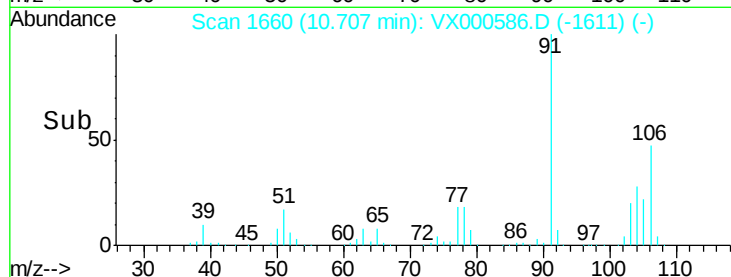
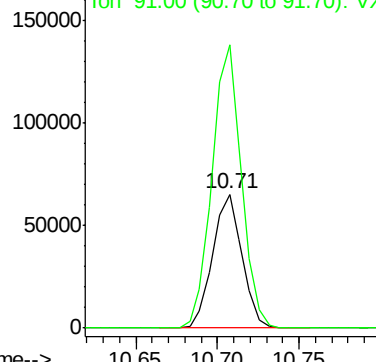
#69
o-Xylene
Concen: 20.069 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 81725
Ion Ratio Lower Upper
106 100
91 211.8 106.5 319.6

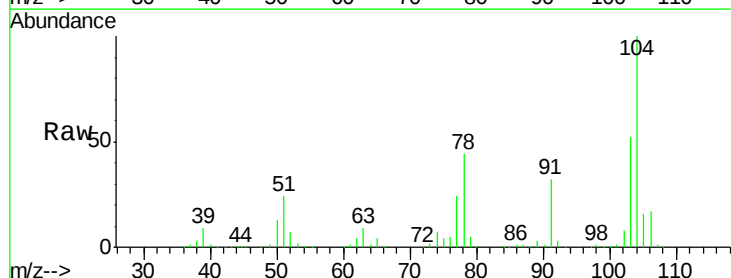


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

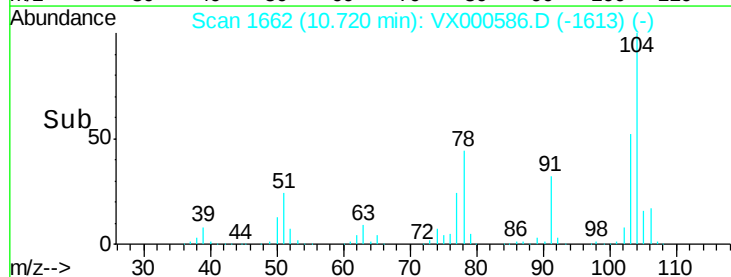
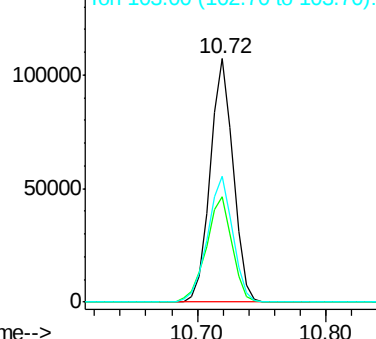


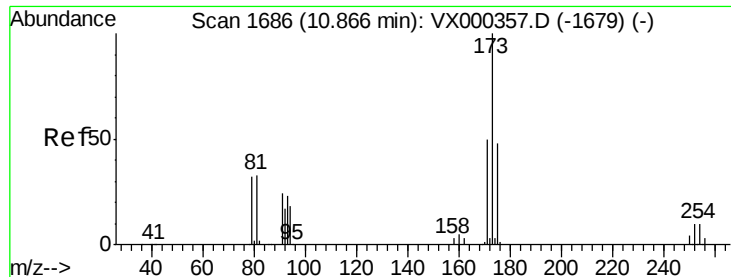
#70
Styrene
Concen: 19.654 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000586.D
Acq: 31 Mar 2018 12:23

Tgt Ion:104 Resp: 132426
Ion Ratio Lower Upper
104 100
78 48.8 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: 13.788 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

ClientSampled :

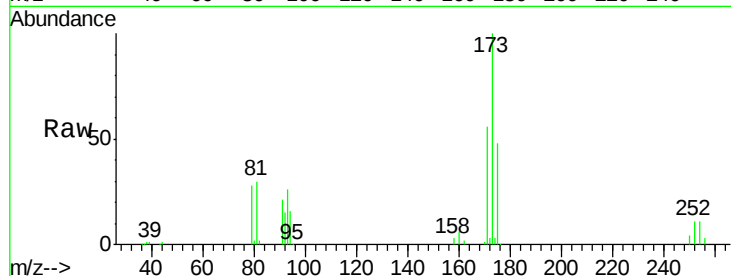
Tot Ion:173 Resp: 22244

Ion Ratio Lower Upper

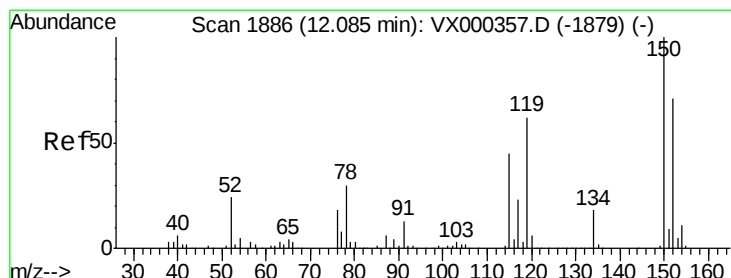
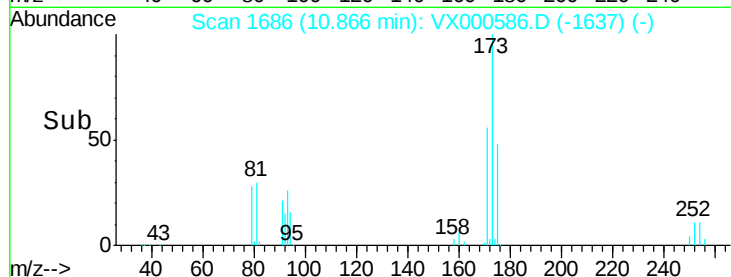
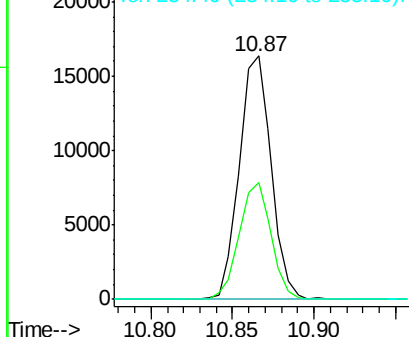
173 100

175 48.0 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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

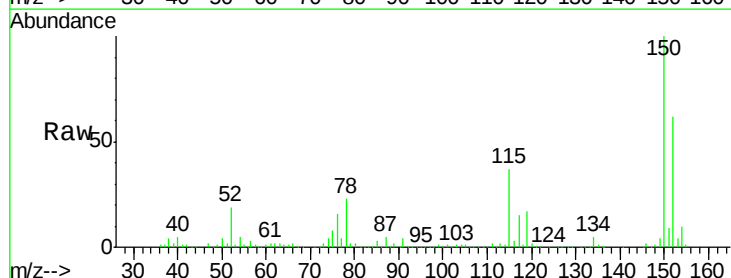
Tgt Ion:152 Resp: 170193

Ion Ratio Lower Upper

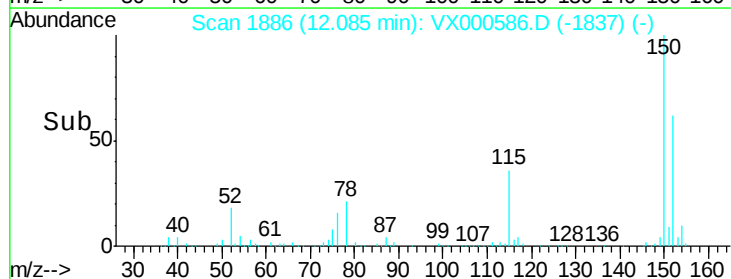
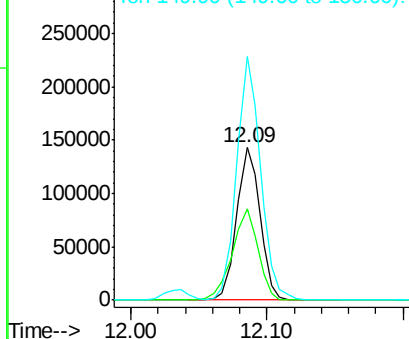
152 100

115 65.6 39.8 119.3

150 163.6 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: 19.811 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

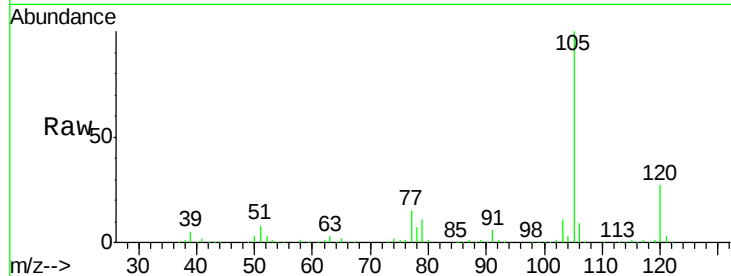
ClientSampleId :

Tot Ion:105 Resp: 223390

Ion Ratio Lower Upper

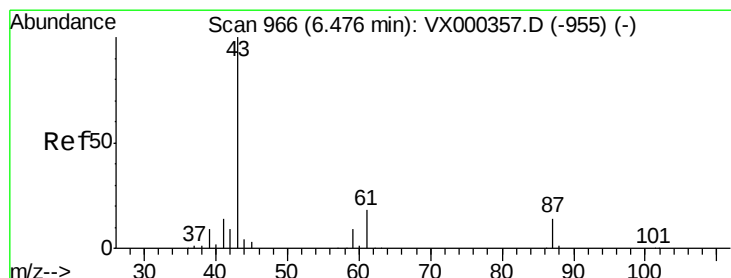
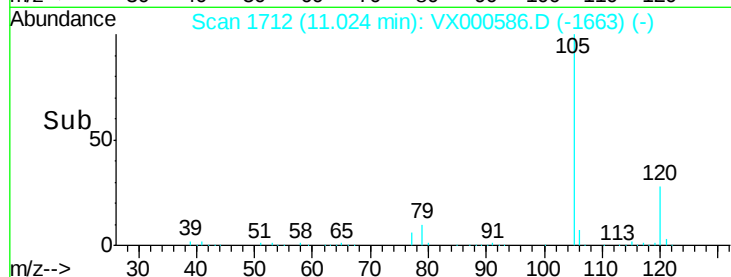
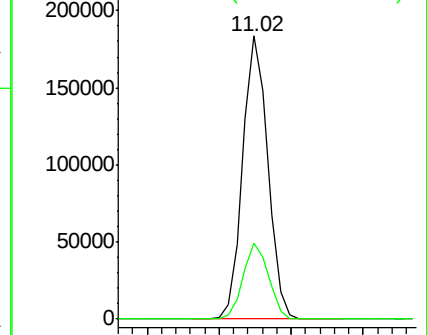
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 6.923 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Tgt Ion: 43 Resp: 47976

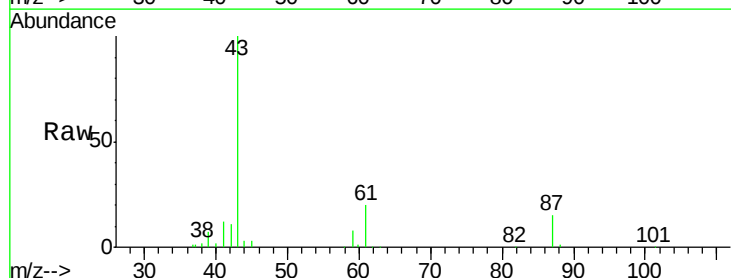
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.6 14.4 21.6

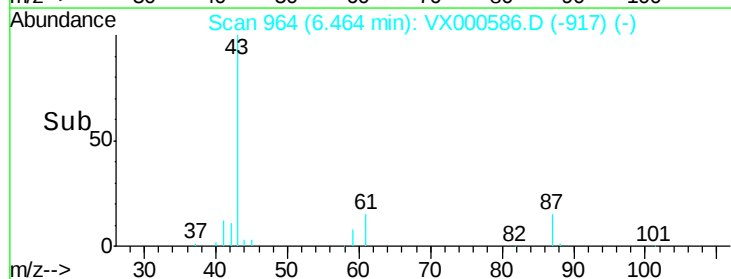
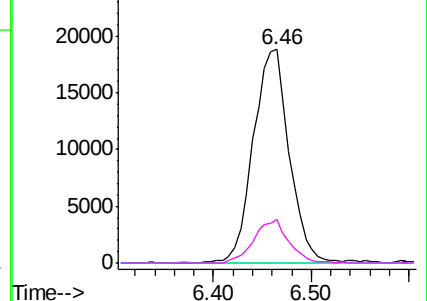


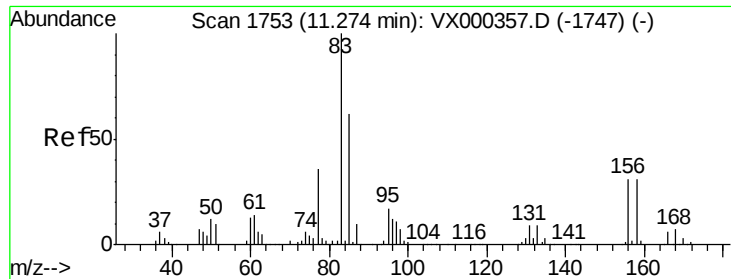
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.551 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

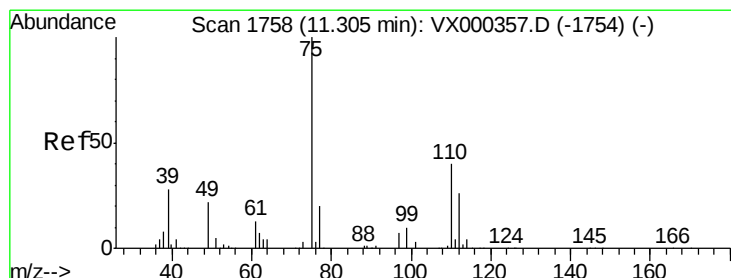
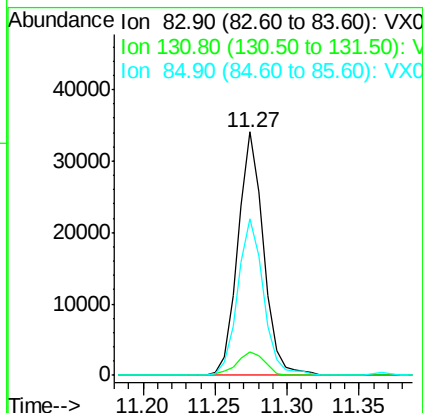
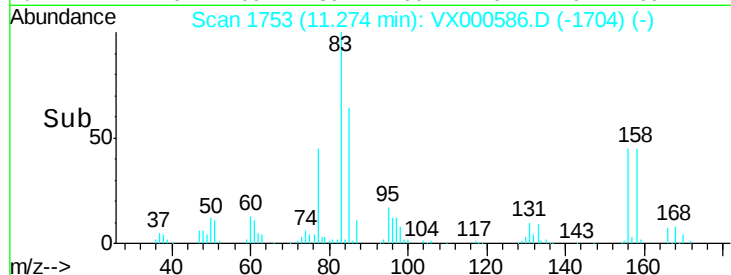
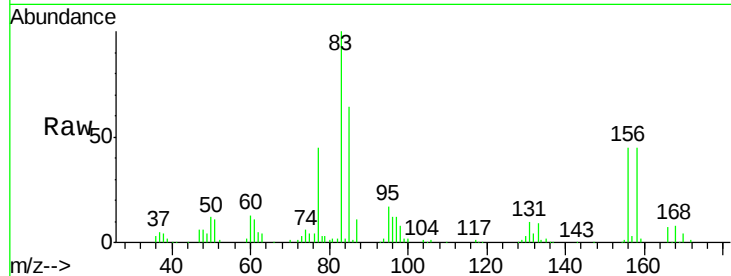
Tot Ion: 83 Resp: 42081

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 65.0 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 10.964 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000586.D

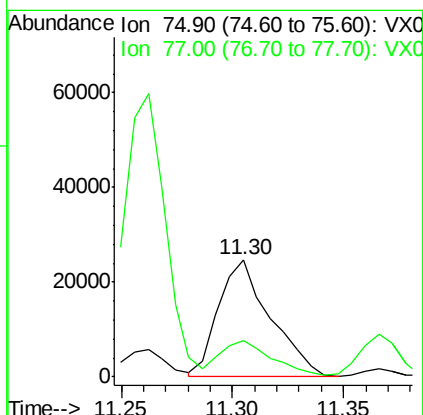
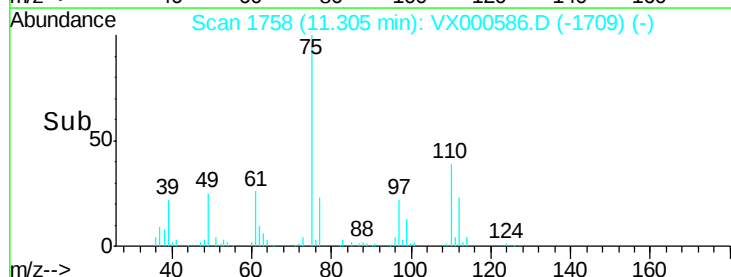
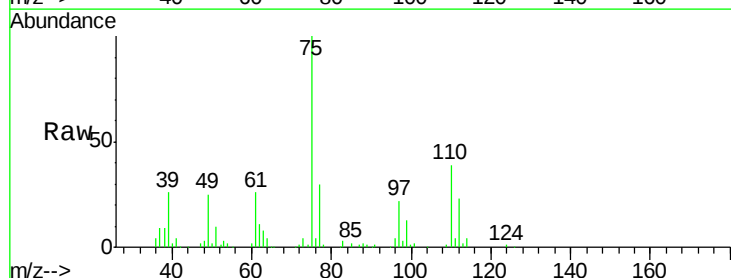
Acq: 31 Mar 2018 12:23

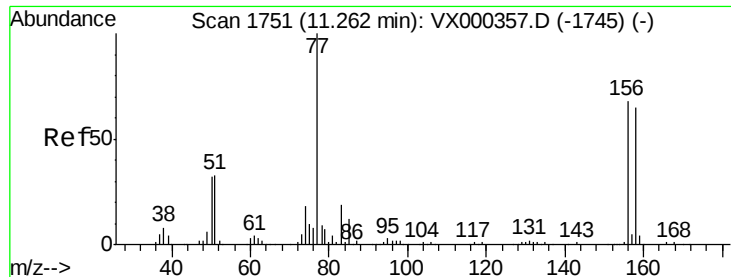
Tgt Ion: 75 Resp: 40104

Ion Ratio Lower Upper

75 100

77 31.0 21.4 64.2





#77

Bromobenzene

Concen: 18.792 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

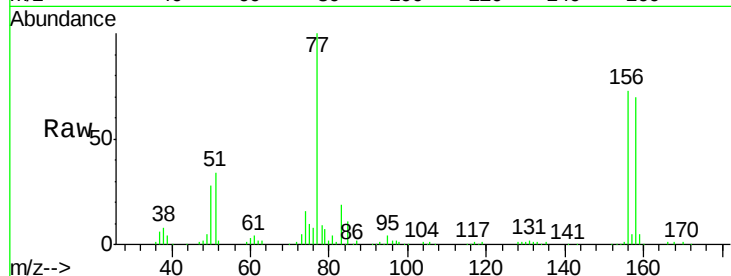
Tot Ion:156 Resp: 56452

Ion Ratio Lower Upper

156 100

77 138.3 73.4 220.2

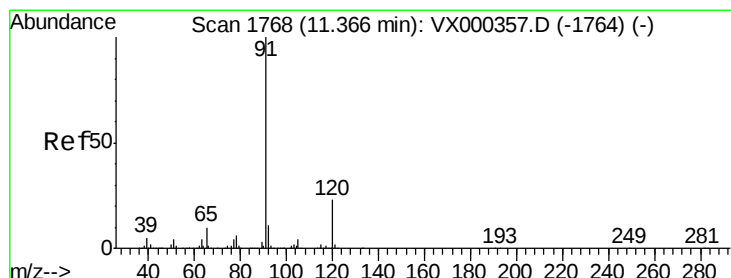
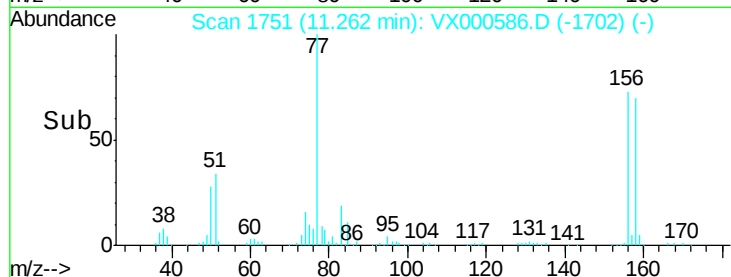
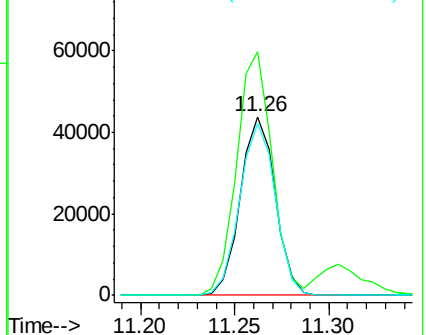
158 97.9 48.5 145.6



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: 19.337 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000586.D

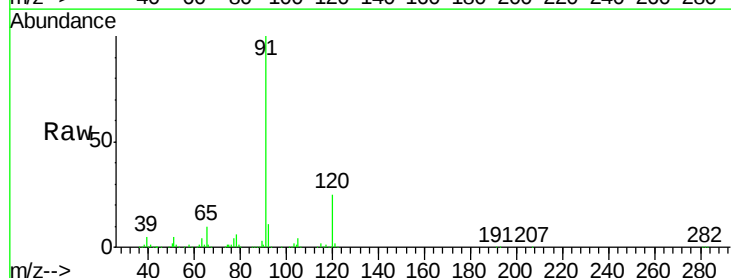
Acq: 31 Mar 2018 12:23

Tgt Ion: 91 Resp: 259996

Ion Ratio Lower Upper

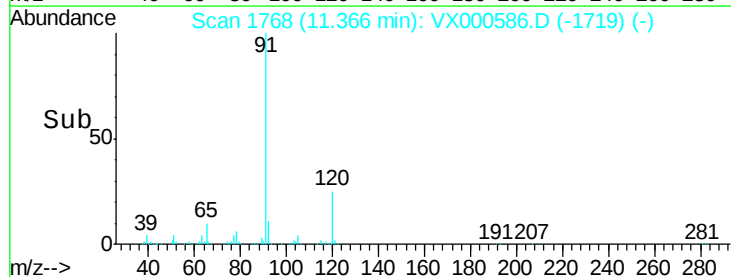
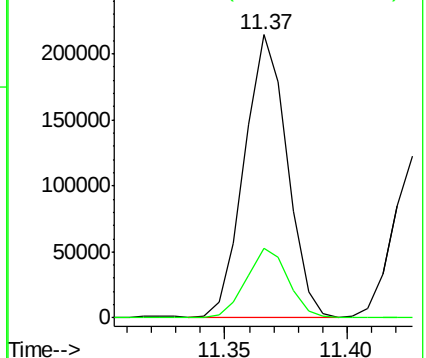
91 100

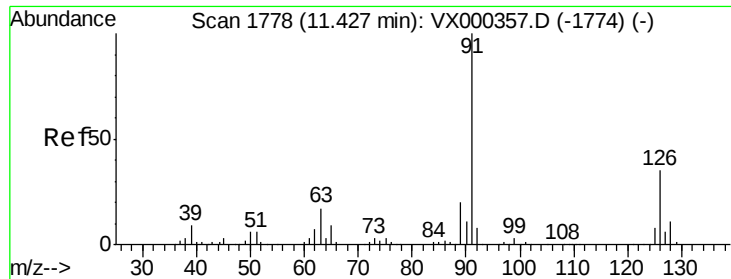
120 24.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

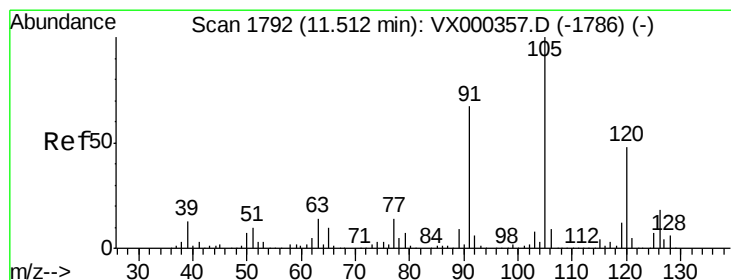
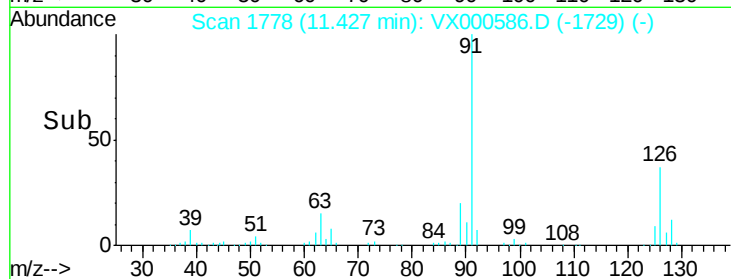
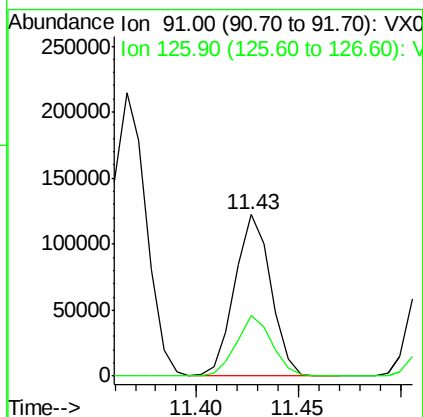
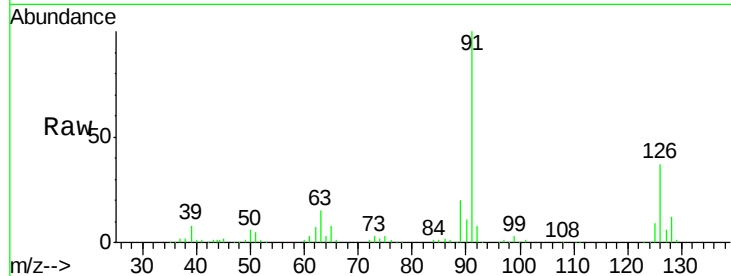




#79
 2-Chlorotoluene
 Concen: 19.277 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

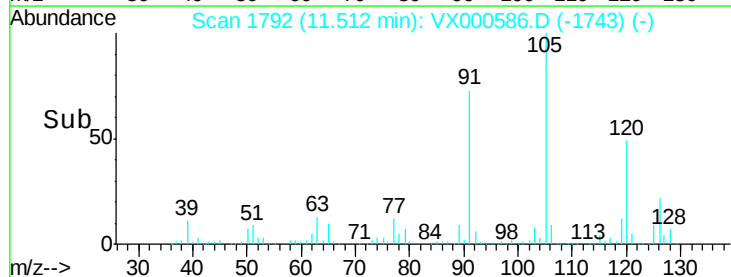
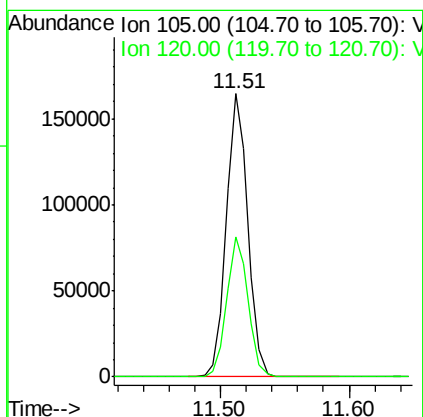
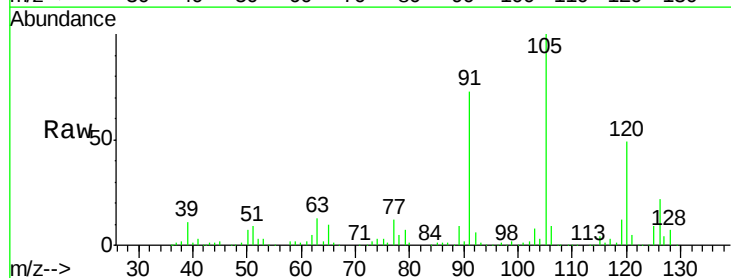
Instrument :
 MSVOA_X
 ClientSampled :

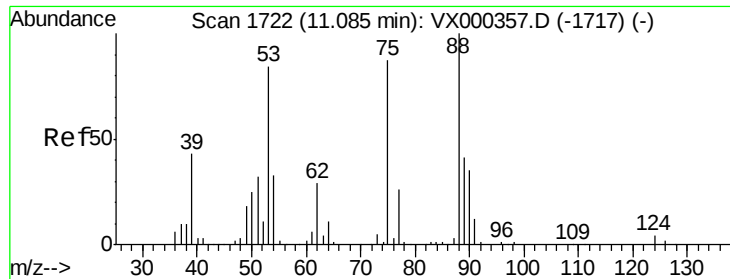
Tot Ion: 91 Resp: 149737
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.382 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion: 105 Resp: 193250
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 7.468 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

ClientSampled :

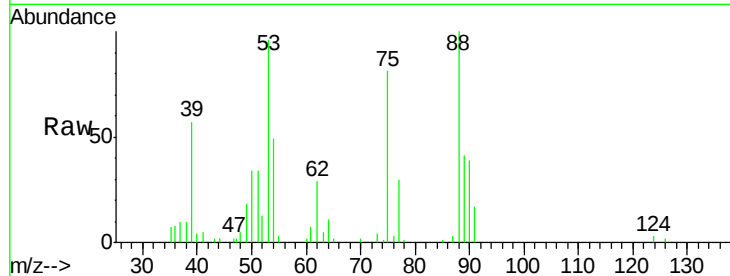
Tot Ion: 75 Resp: 8437

Ion Ratio Lower Upper

75 100

53 110.1 80.7 121.1

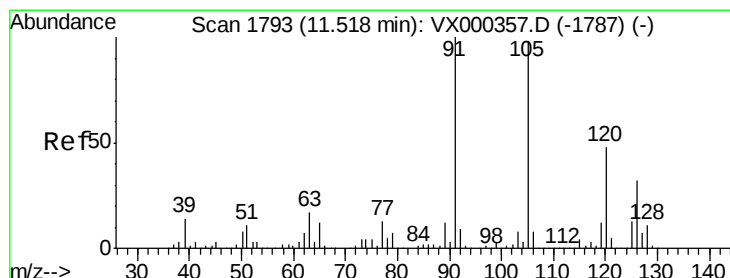
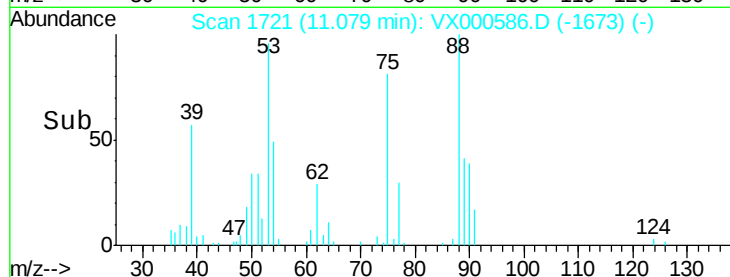
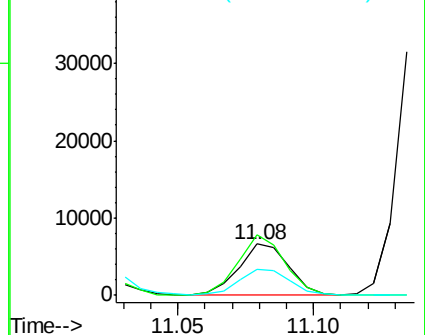
89 51.3 39.4 59.0



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: 19.494 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000586.D

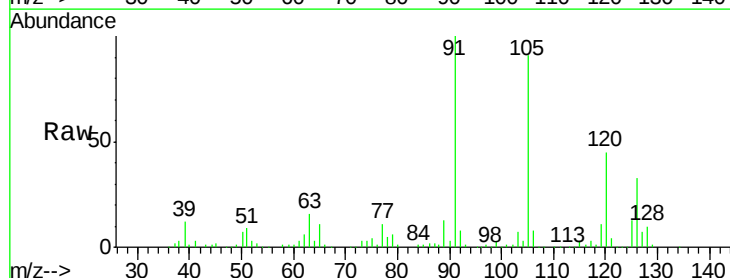
Acq: 31 Mar 2018 12:23

Tgt Ion: 91 Resp: 180794

Ion Ratio Lower Upper

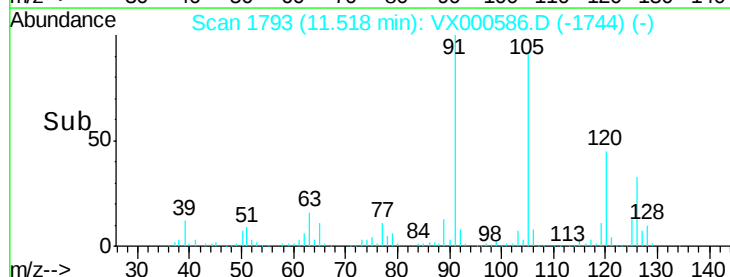
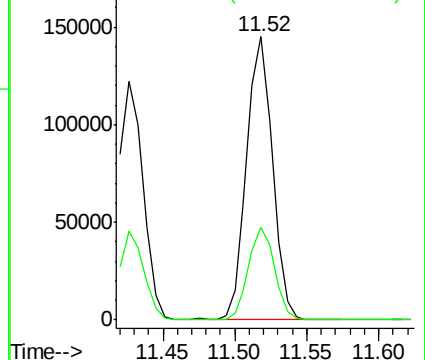
91 100

126 32.7 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

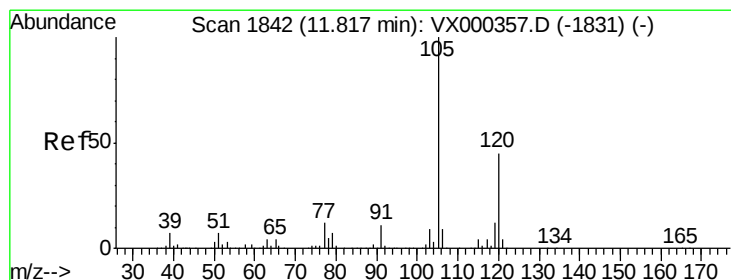
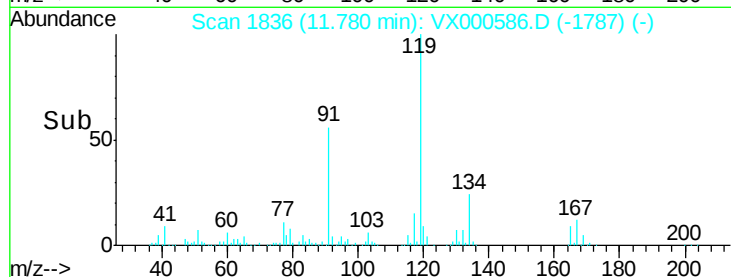
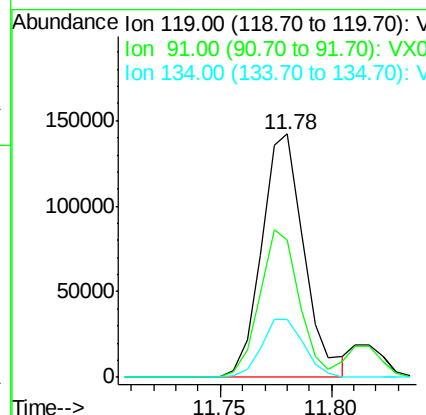
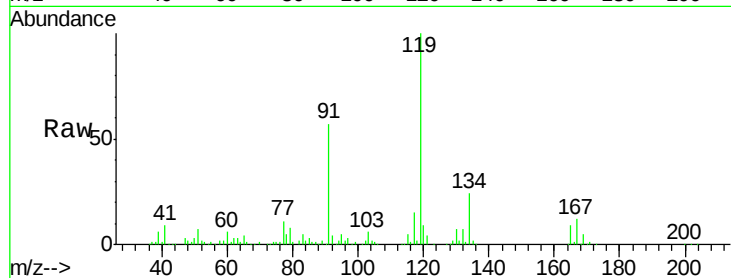




#83
 tert-Butylbenzene
 Concen: 19.722 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

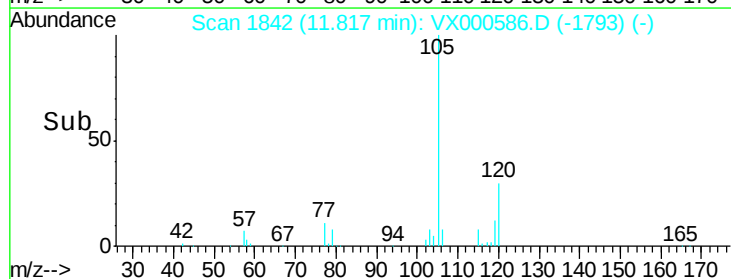
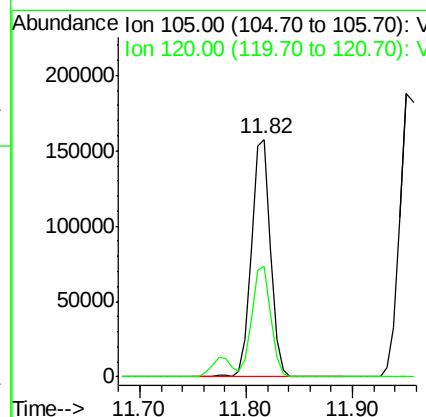
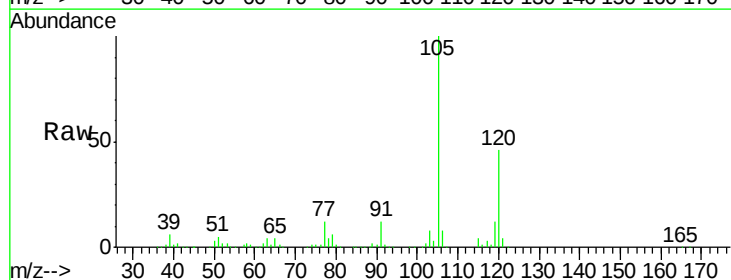
Instrument :
 MSVOA_X
 ClientSampleId :

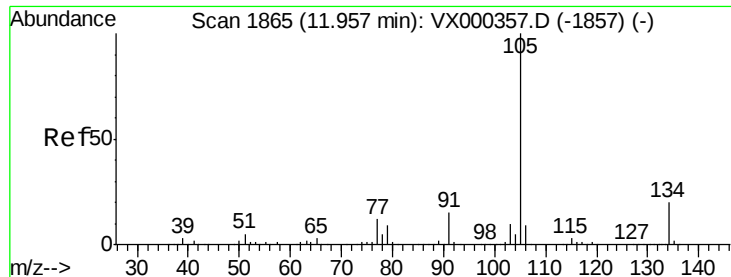
Tot Ion:119 Resp: 188595
 Ion Ratio Lower Upper
 119 100
 91 56.8 28.8 86.4
 134 23.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.921 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion:105 Resp: 198027
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.937 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

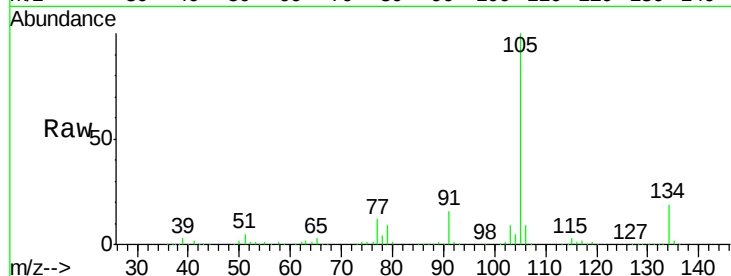
ClientSampleId :

Tot Ion:105 Resp: 235894

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

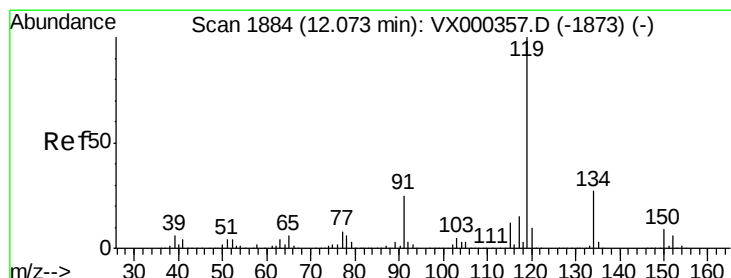
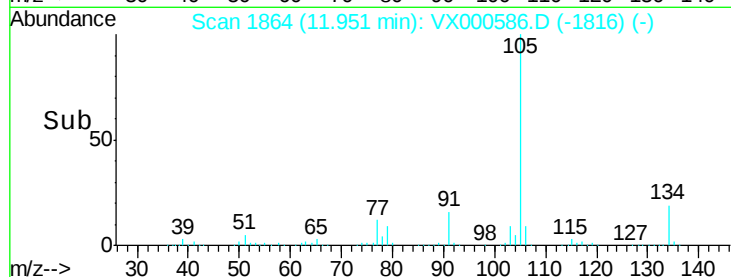
100000

50000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.090 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

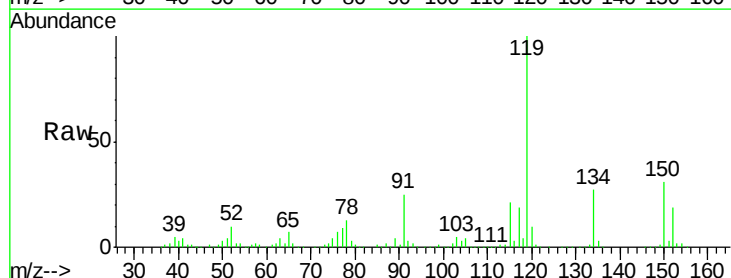
Tgt Ion:119 Resp: 211109

Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.9

91 24.6 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

250000

200000

150000

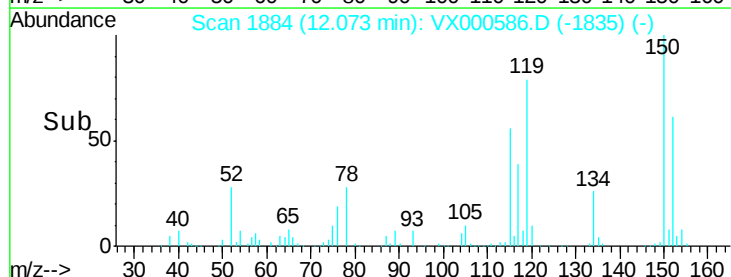
100000

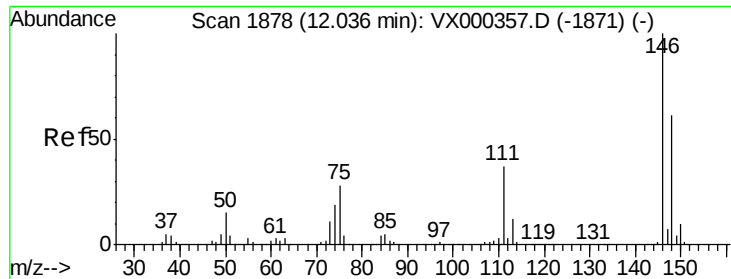
50000

0

12.00 12.10

Time-->

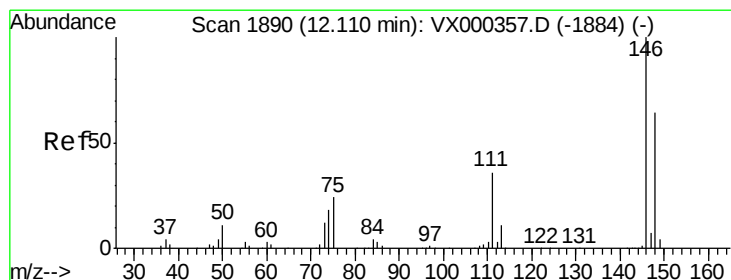
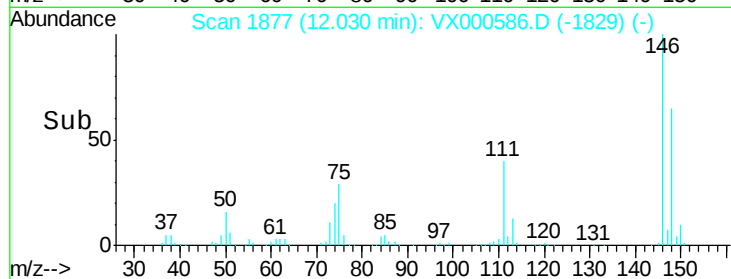
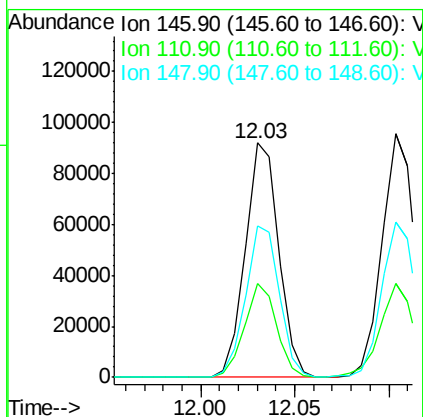
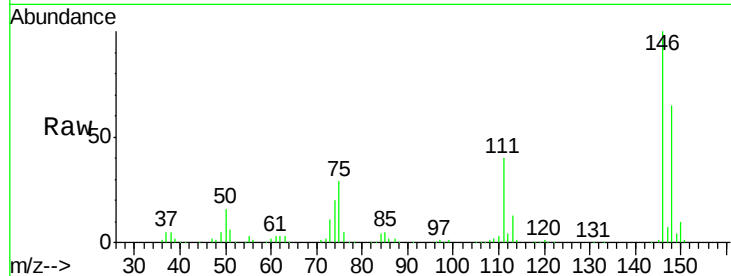




#87
 1,3-Dichlorobenzene
 Concen: 20.018 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

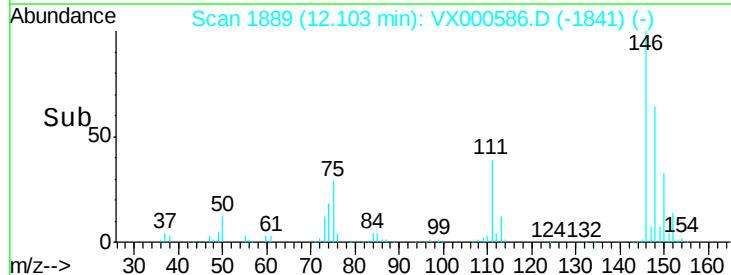
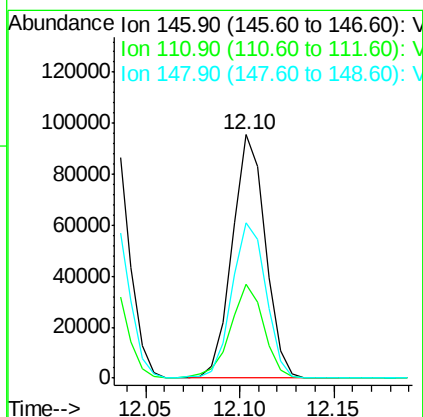
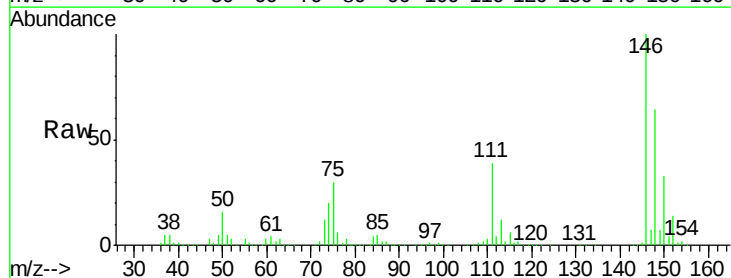
Instrument :
 MSVOA_X
 ClientSampleId :

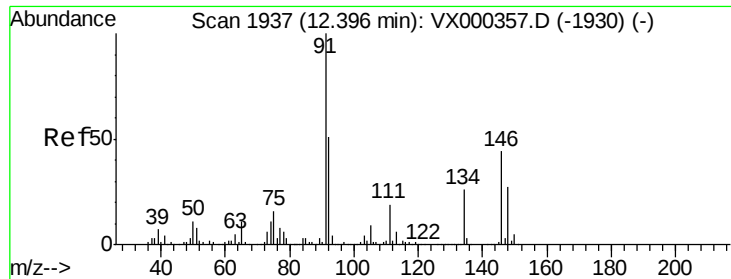
Tot Ion:146 Resp: 113698
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.5 58.5
 148 64.9 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.538 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion:146 Resp: 116510
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.9
 148 65.5 31.0 93.0





#89

n-Butylbenzene

Concen: 20.036 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

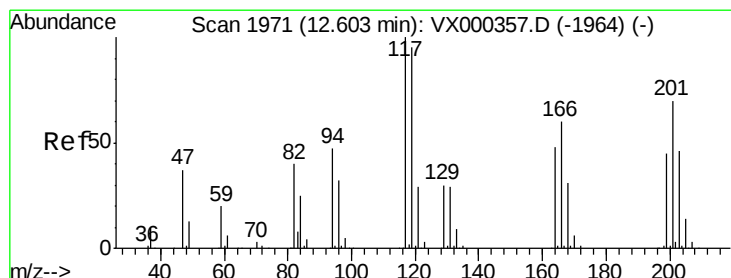
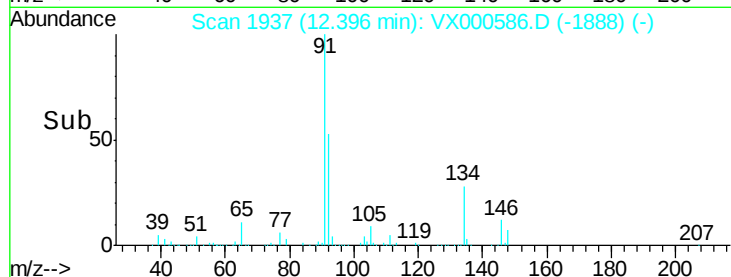
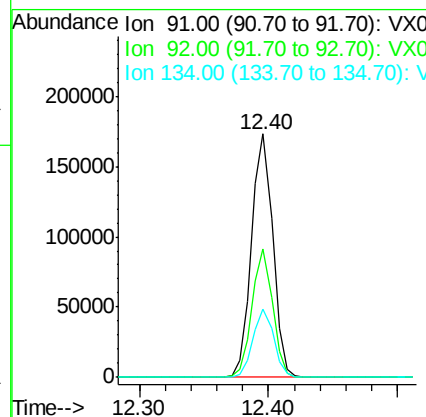
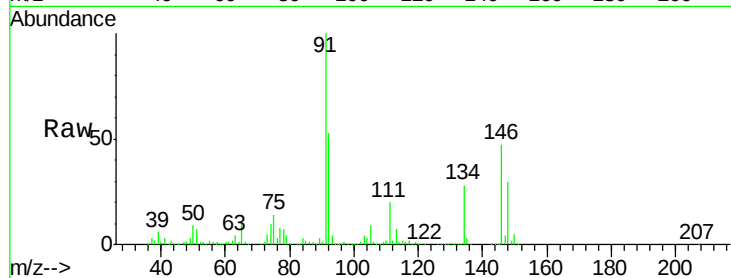
Tot Ion: 91 Resp: 196040

Ion Ratio Lower Upper

91 100

92 50.8 25.9 77.8

134 27.4 13.1 39.3



#90

Hexachloroethane

Concen: 18.571 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000586.D

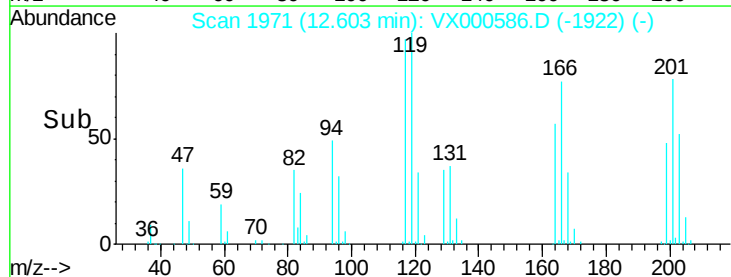
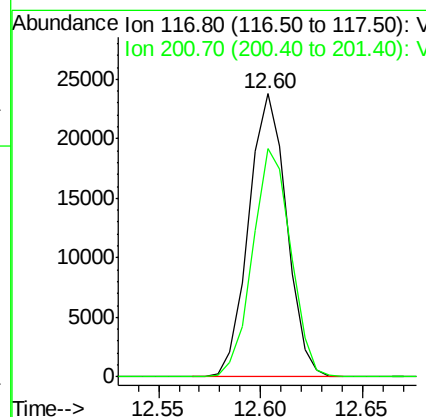
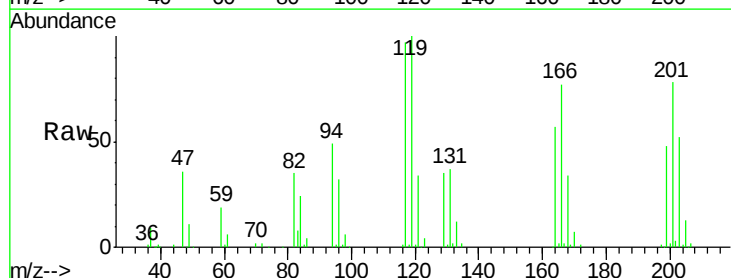
Acq: 31 Mar 2018 12:23

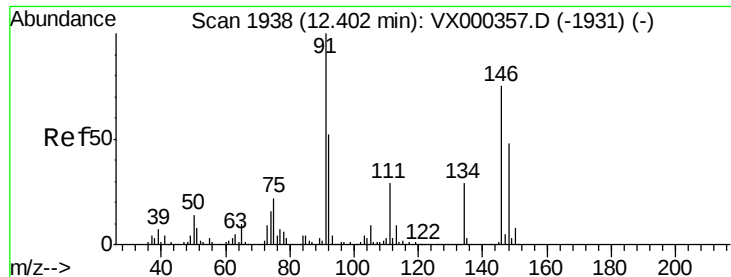
Tgt Ion: 117 Resp: 30716

Ion Ratio Lower Upper

117 100

201 81.3 37.9 113.6

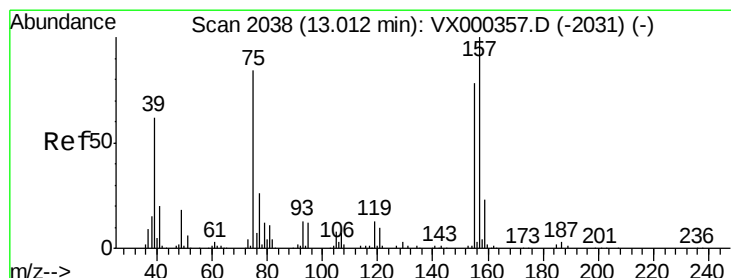
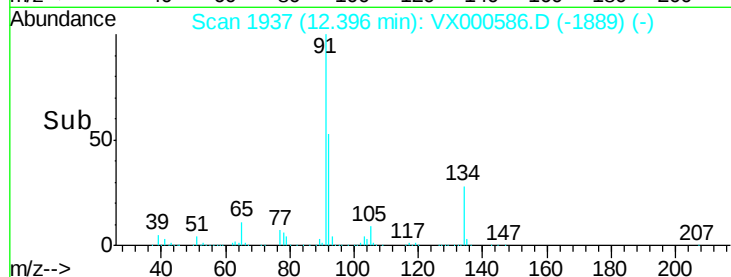
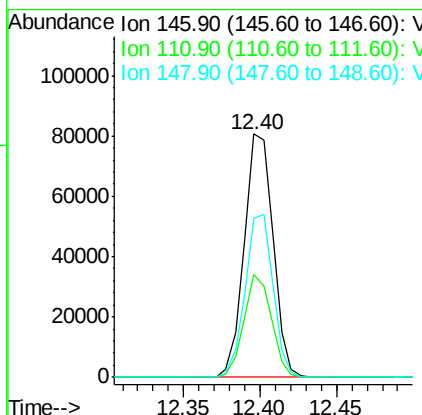
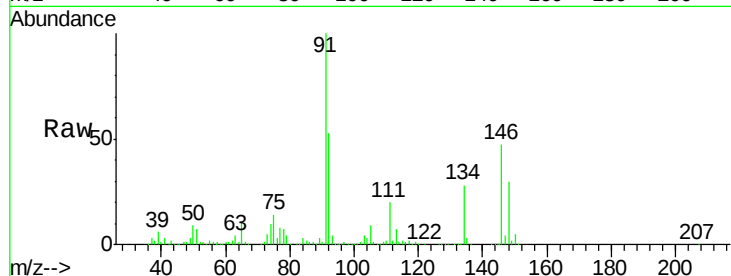




#91
 1,2-Dichlorobenzene
 Concen: 18.997 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

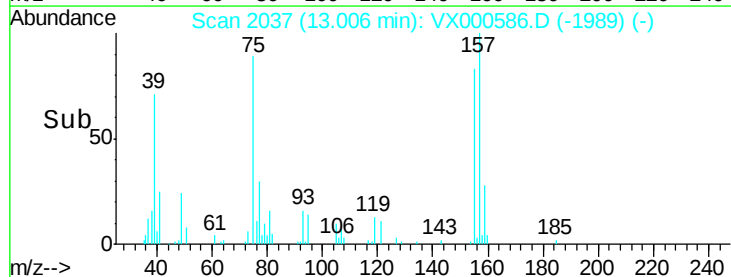
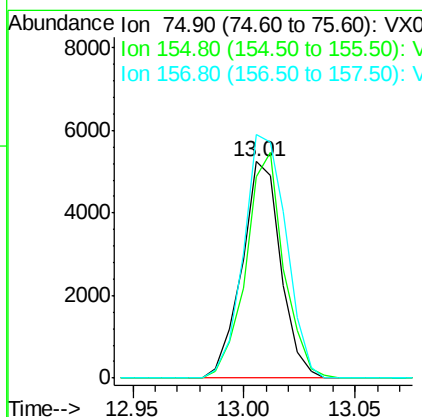
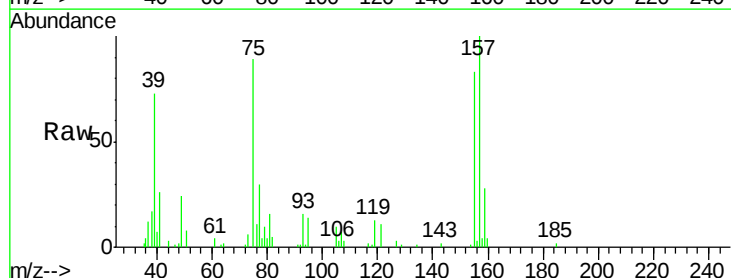
Instrument :
 MSVOA_X
 ClientSampleId :

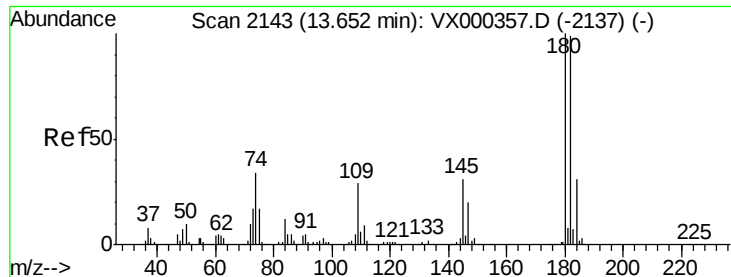
Tot Ion:146 Resp: 105784
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.1 60.2
 148 64.8 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.747 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion: 75 Resp: 6393
 Ion Ratio Lower Upper
 75 100
 155 101.1 45.0 134.8
 157 123.3 58.1 174.2

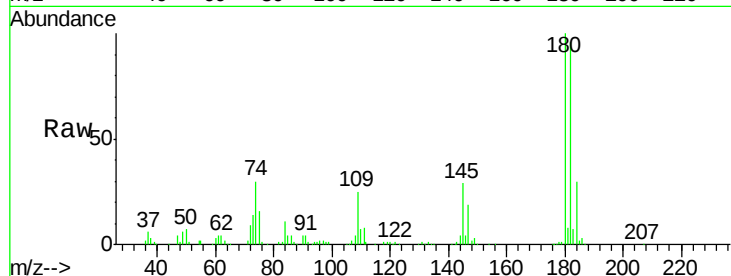




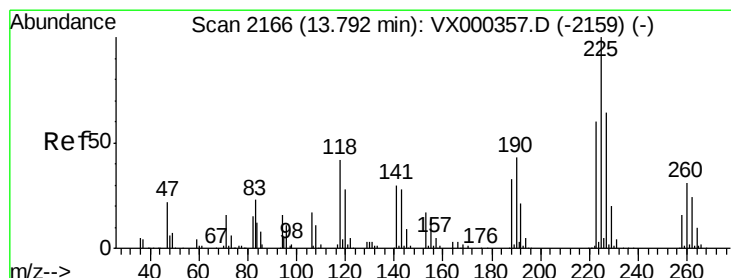
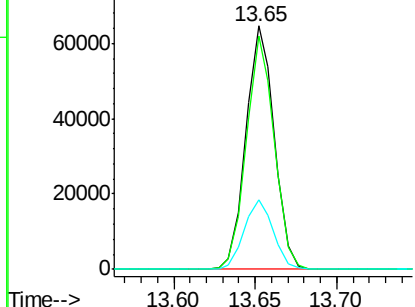
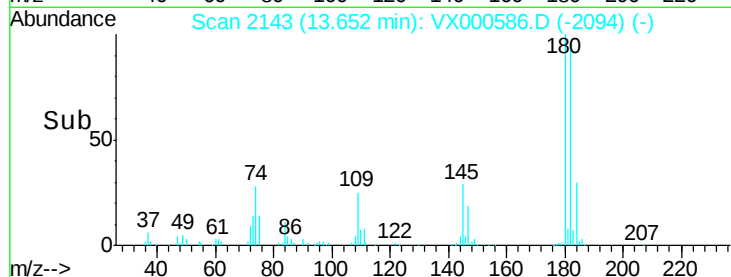
#93
 1,2,4-Trichlorobenzene
 Concen: 19.548 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.6	142.9
145	29.4	15.1	45.3

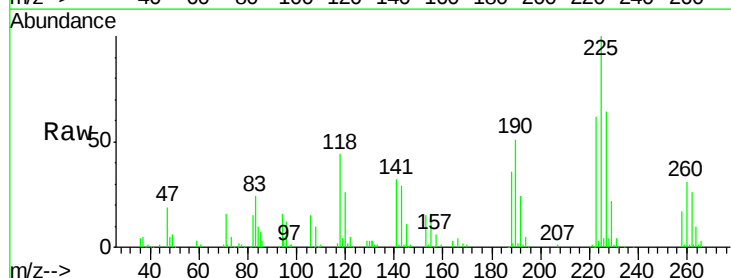


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

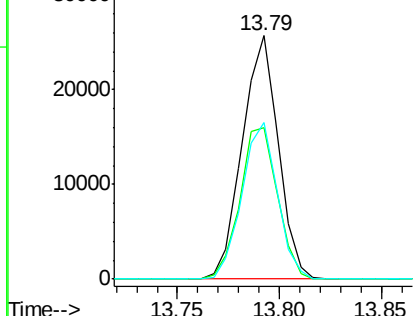
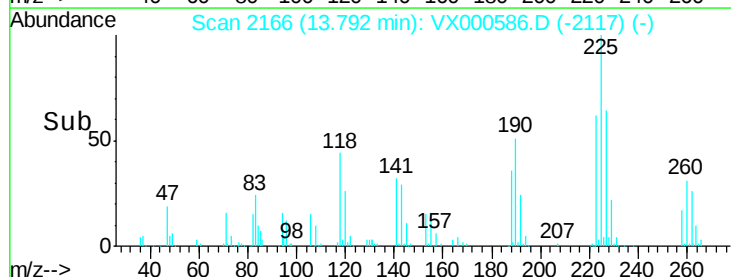


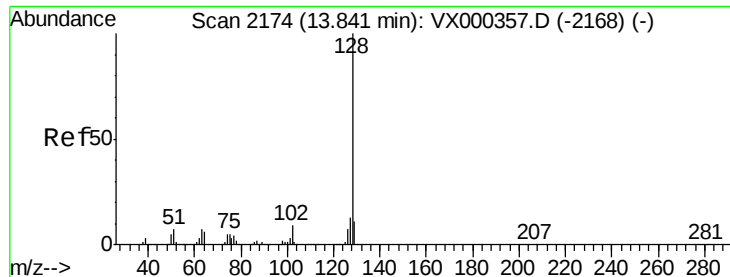
#94
 Hexachlorobutadiene
 Concen: 19.050 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000586.D
 Acq: 31 Mar 2018 12:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	32.0	96.0
227	63.2	32.6	98.0



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





#95

Naphthalene

Concen: 10.310 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

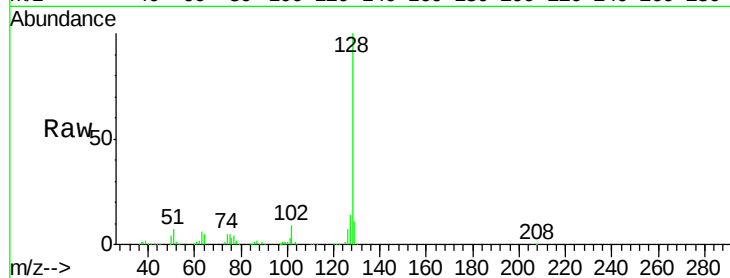
Tot Ion:128 Resp: 143368

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

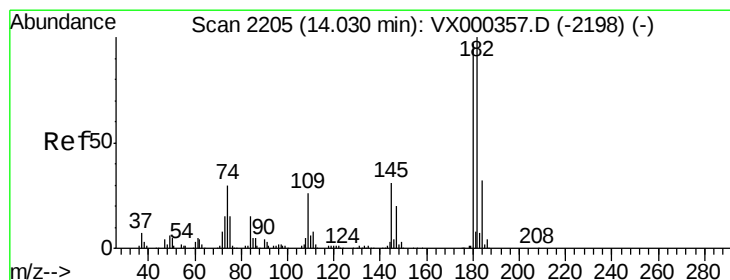
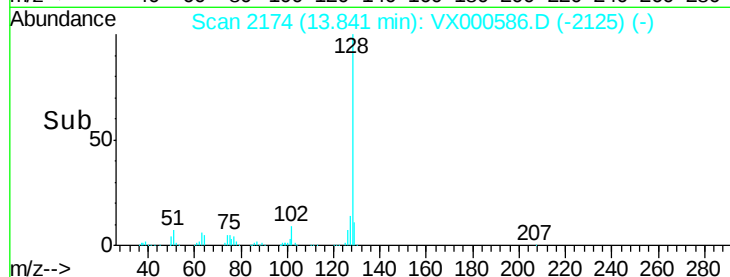
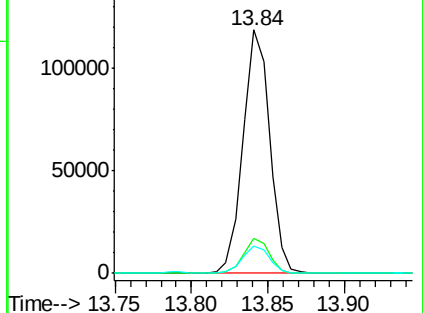
129 11.2 8.9 13.3



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: 17.981 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000586.D

Acq: 31 Mar 2018 12:23

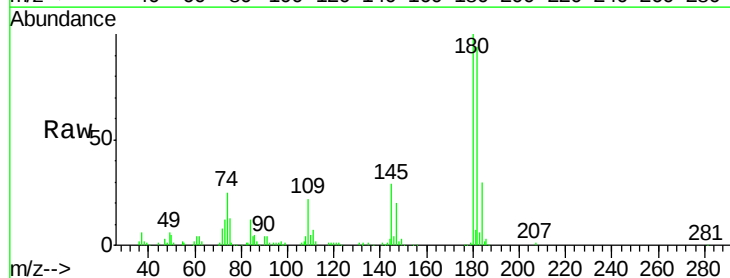
Tgt Ion:180 Resp: 70930

Ion Ratio Lower Upper

180 100

182 91.6 47.4 142.3

145 29.8 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

