

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
 Data File : VX001265.D
 Acq On : 30 Apr 2018 20:55
 Operator : JC/MD
 Sample : VX0430WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 09:22:19 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	34299	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	193340	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	179042	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	75102	30.36	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.20%
60) 4-Bromofluorobenzene	11.14	95	86898	28.97	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.57%
63) Toluene-d8	8.72	98	228979	29.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	47031	20.914	ug/l 99
3) Chloromethane	1.32	50	43669	20.806	ug/l 99
4) Vinyl Chloride	1.40	62	47207	21.443	ug/l 98
5) Bromomethane	1.65	94	34709	20.874	ug/l 100
6) Chloroethane	1.73	64	29320	21.767	ug/l 99
7) Trichlorofluoromethane	1.93	101	79156	21.645	ug/l 98
8) Diethyl Ether	2.19	74	27411	21.589	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43769	21.106	ug/l 93
10) 1,1-Dichloroethene	2.38	96	39965	21.272	ug/l 95
11) Methyl Iodide	2.51	142	39713	17.379	ug/l 95
12) Methyl Acetate	2.78	43	59062	23.913	ug/l 97
13) Acrolein	2.29	56	28904	98.118	ug/l 99
14) Acrylonitrile	3.15	53	115037	117.016	ug/l 99
15) Acetone	2.45	58	32532	106.353	ug/l 94
16) Carbon Disulfide	2.57	76	97768	19.565	ug/l 99
17) Allyl chloride	2.73	41	70766	21.226	ug/l 97
18) Methylene Chloride	2.86	84	43571	21.278	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	42284	20.876	ug/l 94
20) Diisopropyl ether	3.88	45	130987	19.964	ug/l 97
21) 1,1-Dichloroethane	3.70	63	72451	20.548	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	46709	20.650	ug/l 99
23) tert-Butyl Alcohol	3.07	59	51309	127.710	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	138681	21.525	ug/l 94
25) Chloroform	5.23	83	79357	20.672	ug/l 97
26) Cyclohexane	5.59	56	63848	19.916	ug/l # 94
29) 1,1-Dichloropropene	5.81	75	56726	19.804	ug/l 99
30) 2-Butanone	4.71	43	158514	107.990	ug/l # 94
31) 2,2-Dichloropropane	4.59	77	56105	17.942	ug/l 98
32) 1,1,1-Trichloroethane	5.51	97	67658	19.522	ug/l 98
33) Carbon Tetrachloride	5.79	117	59228	18.960	ug/l 96
34) Benzene	6.15	78	169642	19.987	ug/l 94
35) Methacrylonitrile	5.07	41	34741	21.329	ug/l 93
36) 1,2-Dichloroethane	6.21	62	65456	20.093	ug/l 99
37) Trichloroethene	7.22	130	50903	19.778	ug/l 99
38) Methylcyclohexane	7.47	83	66641	19.772	ug/l 96
39) 1,2-Dichloropropane	7.52	63	42290	19.647	ug/l 100
40) Dibromomethane	7.67	93	30447	20.107	ug/l 86

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	53657	18.756	ug/l	97
42) Vinyl Acetate	3.83	43	562822	97.476	ug/l	98
43) Ethyl Acetate	4.87	43	62121	21.976	ug/l	97
44) Isopropyl Acetate	6.48	43	98153	20.407	ug/l	98
45) 1,4-Dioxane	7.76	88	20784	475.397	ug/l	97
46) Methyl methacrylate	7.79	41	50989	20.376	ug/l	89
47) n-amyl Acetate	10.90	43	87295	18.912	ug/l	100
48) t-1,3-Dichloropropene	8.44	75	62339	18.511	ug/l	96
49) cis-1,3-Dichloropropene	9.05	75	56433	17.494	ug/l	94
50) 1,1,2-Trichloroethane	9.22	97	45272	20.130	ug/l	95
51) Ethyl methacrylate	9.19	69	62305	19.443	ug/l	92
52) 1,3-Dichloropropane	9.38	76	73347	20.176	ug/l	99
53) Dibromochloromethane	9.59	129	45107	18.172	ug/l	98
54) 1,2-Dibromoethane	9.68	107	48431	20.120	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	154963	98.719	ug/l	100
56) Bromoform	10.86	173	35514	17.481	ug/l #	95
58) 4-Methyl-2-Pentanone	8.66	43	325770	109.628	ug/l	98
59) 2-Hexanone	9.50	43	247772	107.016	ug/l	97
61) Tetrachloroethene	9.34	164	59601	21.722	ug/l	90
62) Toluene	8.79	91	195875	20.356	ug/l	100
64) Chlorobenzene	10.15	112	129925	20.013	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	45641	19.255	ug/l	96
66) Ethyl Benzene	10.26	91	214979	20.015	ug/l	100
67) m/p-Xylenes	10.37	106	168171	39.418	ug/l	99
68) o-Xylene	10.70	106	80222	19.454	ug/l	98
69) Styrene	10.72	104	132541	19.311	ug/l	99
70) Isopropylbenzene	11.02	105	219242	19.578	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	66694	20.305	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	72778	24.759	ug/l	85
73) Bromobenzene	11.26	156	64228	19.736	ug/l	93
74) n-propylbenzene	11.37	91	251263	19.865	ug/l	100
75) 2-Chlorotoluene	11.43	91	150784	19.752	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	186789	19.576	ug/l	68
77) t-1,4-Dichloro-2-butene	11.08	75	14161	16.192	ug/l	77
78) 4-Chlorotoluene	11.52	91	174218	19.135	ug/l	99
79) tert-butylbenzene	12.07	119	203556	19.937	ug/l	94
80) 1,2,4-Trimethylbenzene	11.81	105	193425	19.918	ug/l	98
81) sec-Butylbenzene	11.95	105	223149	20.141	ug/l	99
82) p-Isopropyltoluene	12.07	119	203556	19.937	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	115606	19.483	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	116265	19.219	ug/l	98
85) n-Butylbenzene	12.39	91	171225	19.394	ug/l	99
86) Hexachloroethane	12.60	117	27996	17.940	ug/l	69
87) 1,2-Dichlorobenzene	12.40	146	114697	19.439	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	13727	19.997	ug/l	93
89) 1,2,4-Trichlorobenzene	13.65	180	87475	19.566	ug/l	98
90) Hexachlorobutadiene	13.79	225	46060	22.193	ug/l	97
91) Naphthalene	13.84	128	245597	21.174	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	90789	20.575	ug/l	97

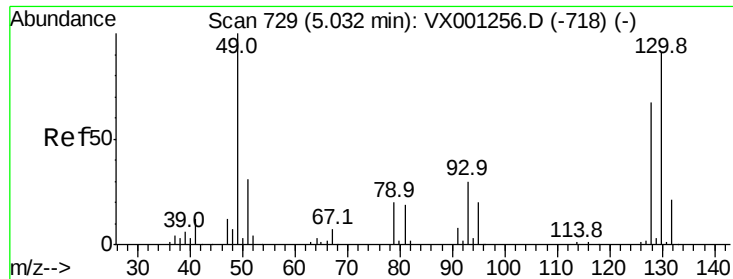
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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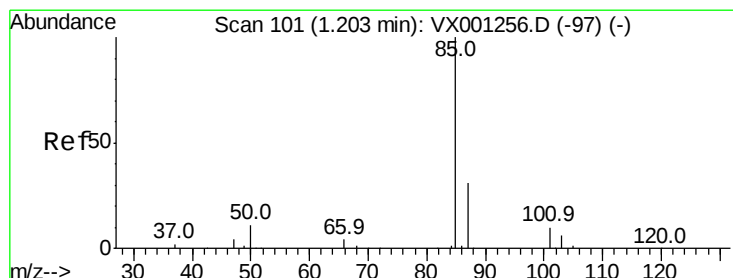
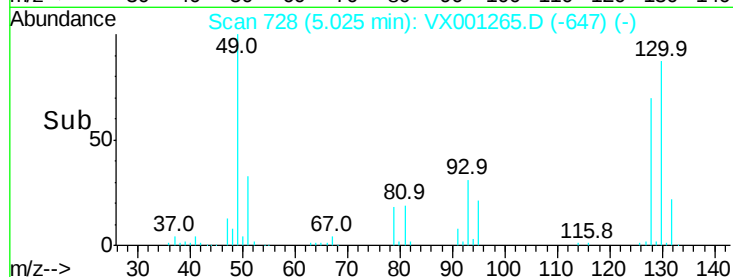
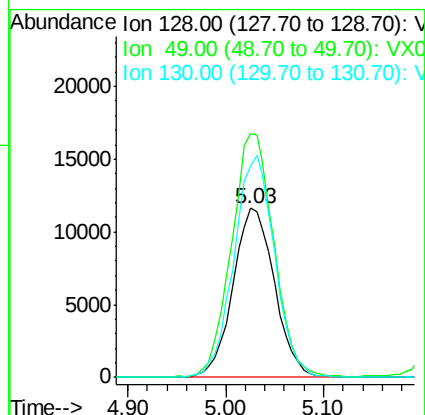
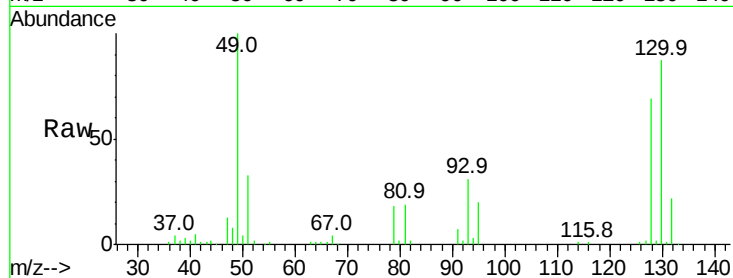
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

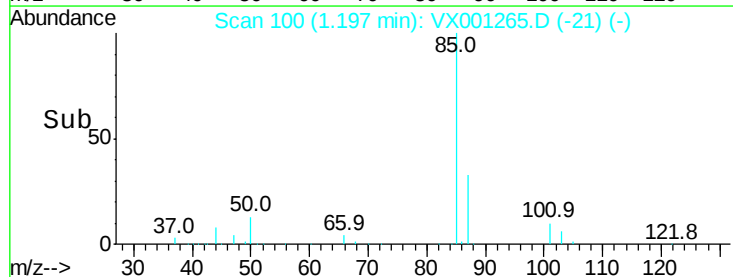
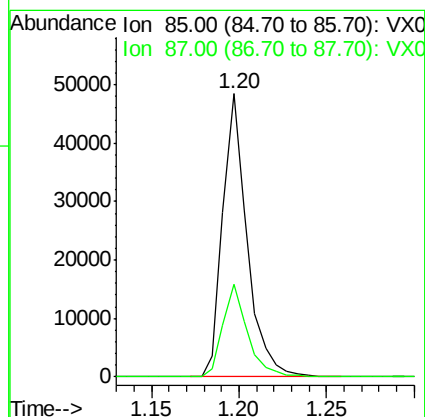
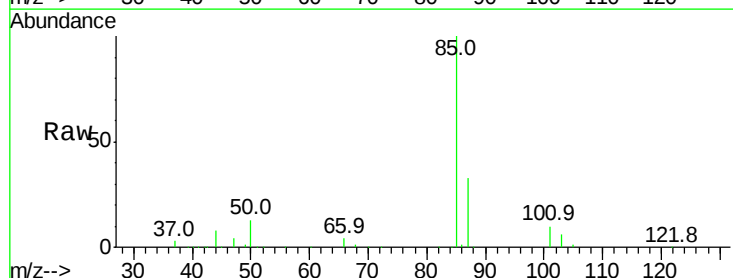
Instrument :
 MSVOA_X
 ClientSampleId :

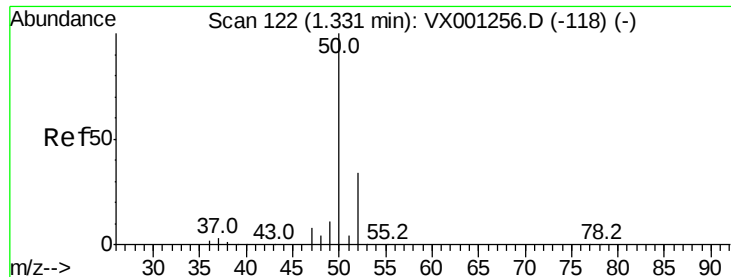
Tot Ion:128 Resp: 34299
 Ion Ratio Lower Upper
 128 100
 49 147.5 0.0 378.3
 130 128.6 0.0 324.3



#2
 Dichlorodifluoromethane
 Concen: 20.914 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Tgt Ion: 85 Resp: 47031
 Ion Ratio Lower Upper
 85 100
 87 32.7 16.6 49.7





#3

Chloromethane

Concen: 20.806 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :

MSVOA_X

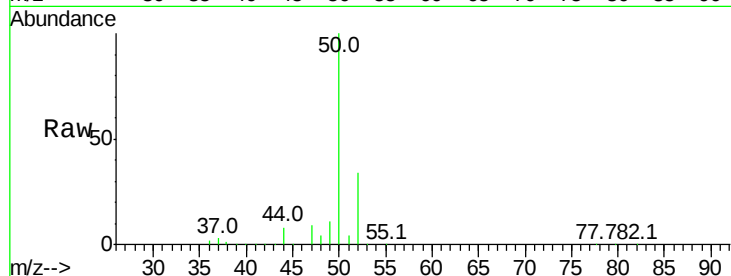
ClientSampled :

Tot Ion: 50 Resp: 43669

Ion Ratio Lower Upper

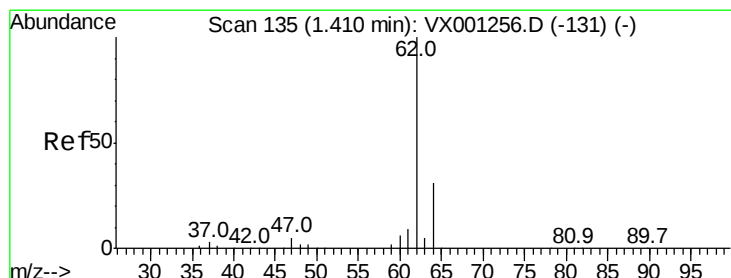
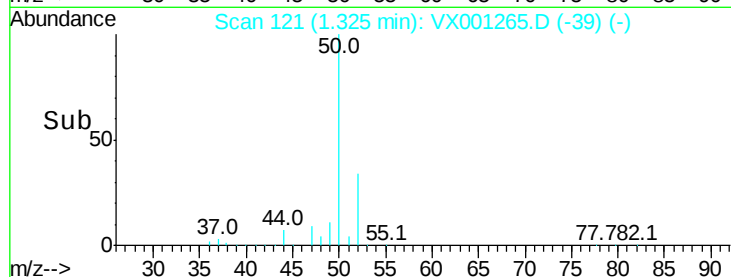
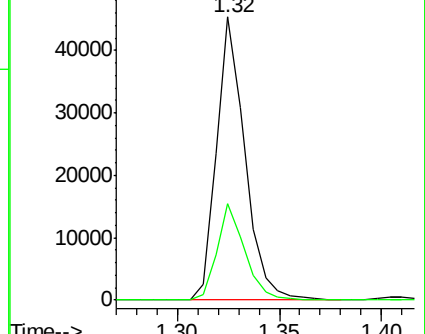
50 100

52 34.1 27.8 41.6



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 21.443 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001265.D

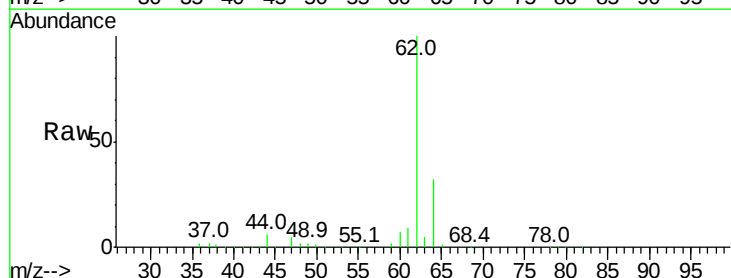
Acq: 30 Apr 2018 20:55

Tgt Ion: 62 Resp: 47207

Ion Ratio Lower Upper

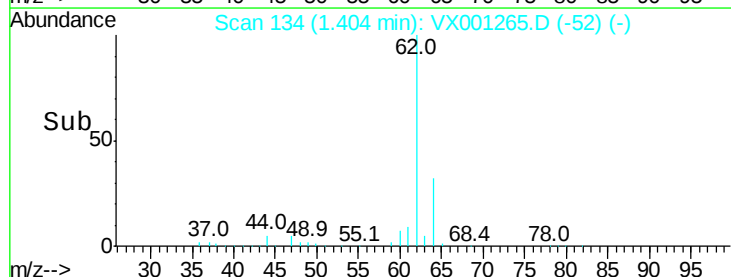
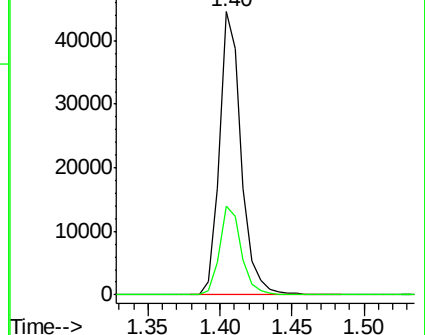
62 100

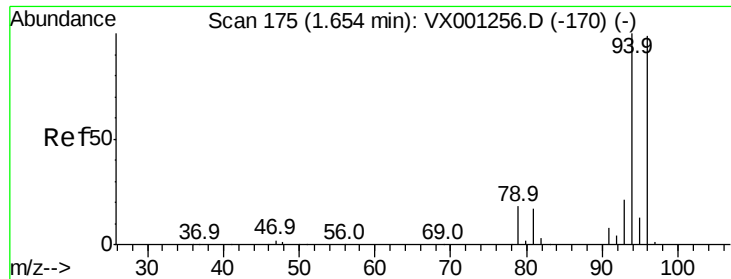
64 31.5 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 20.874 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

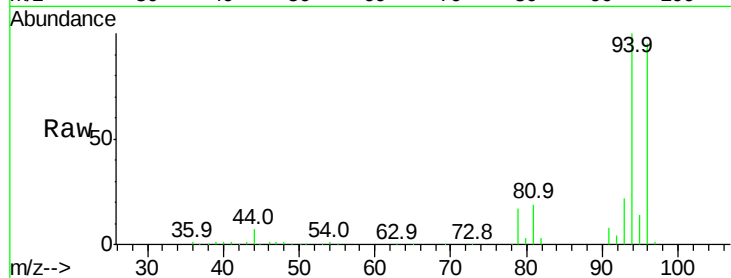
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 34709

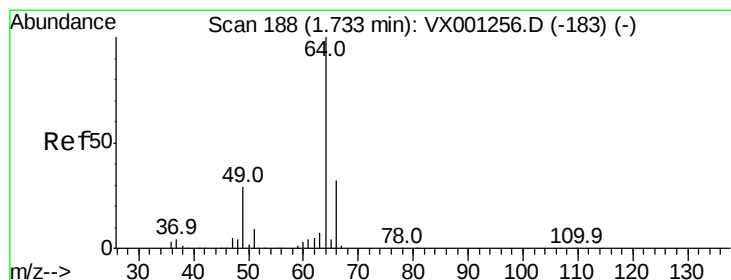
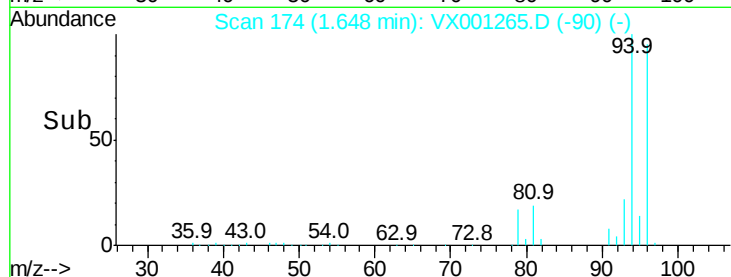
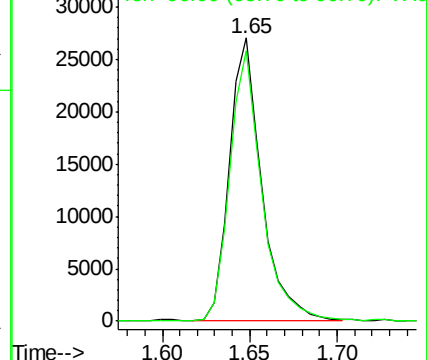
Ion Ratio Lower Upper

94 100

96 95.6 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0
Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 21.767 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001265.D

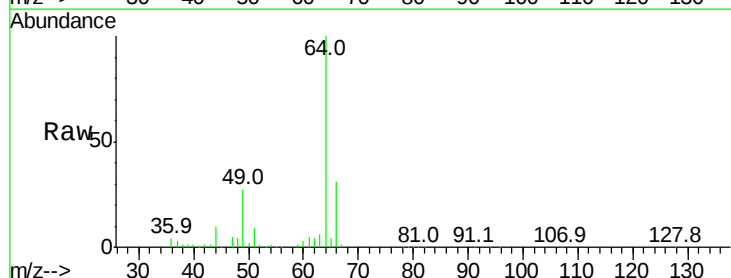
Acq: 30 Apr 2018 20:55

Tgt Ion: 64 Resp: 29320

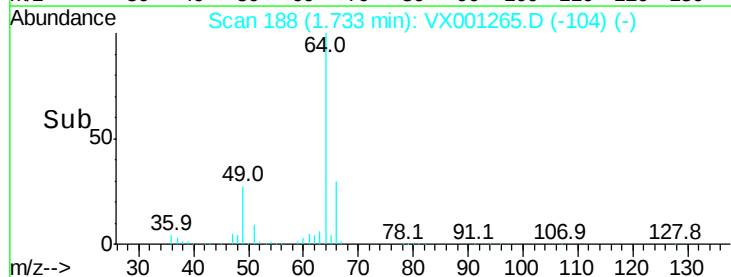
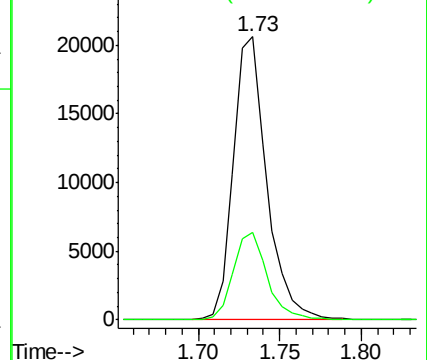
Ion Ratio Lower Upper

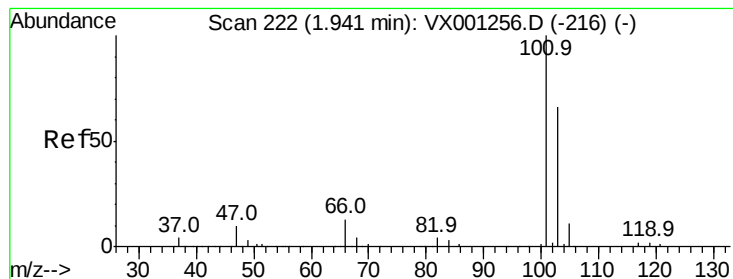
64 100

66 30.8 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0
Ion 66.00 (65.70 to 66.70): VX0



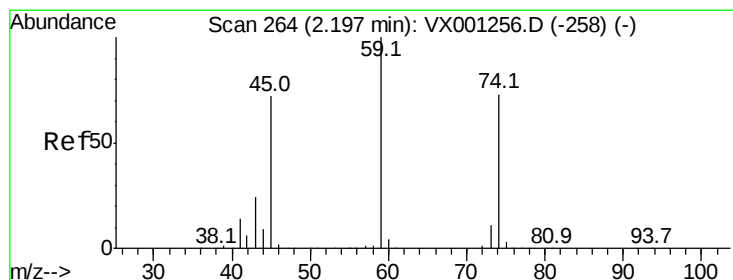
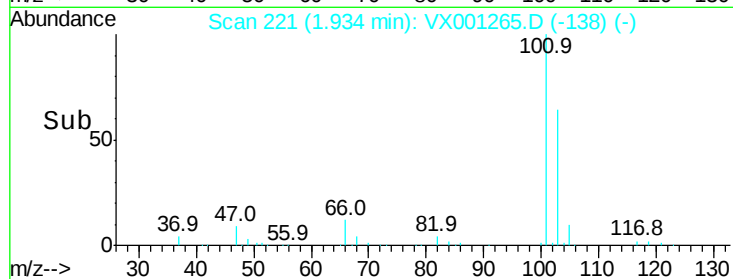
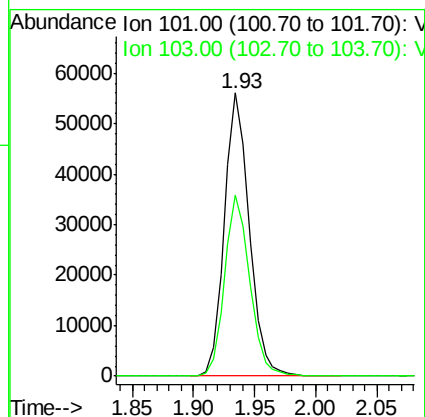
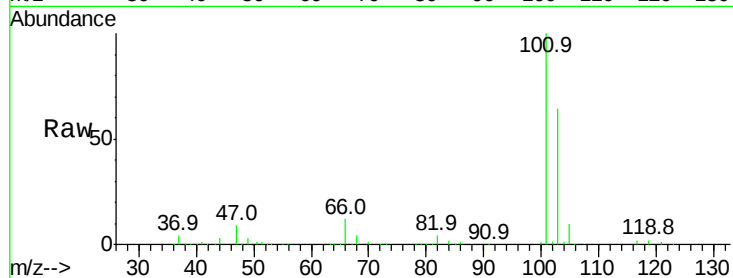


#7

Trichlorofluoromethane
Concen: 21.645 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Instrument :
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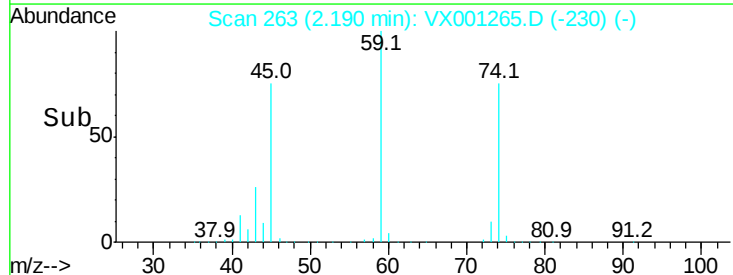
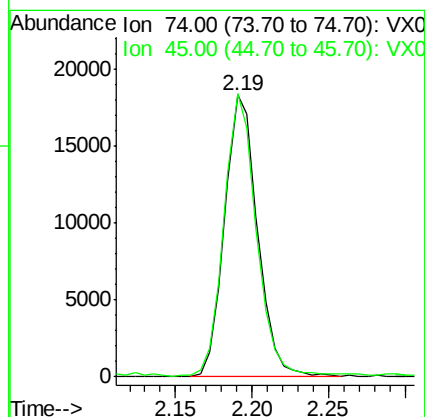
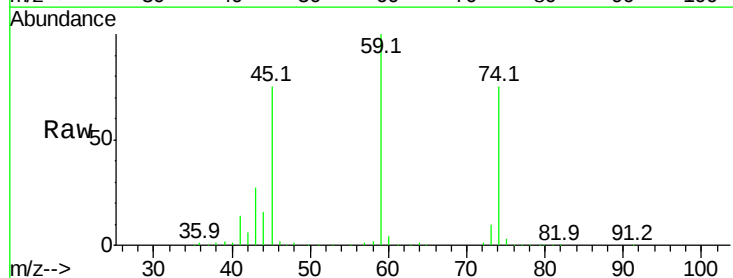
Tot Ion:101 Resp: 79156
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.4

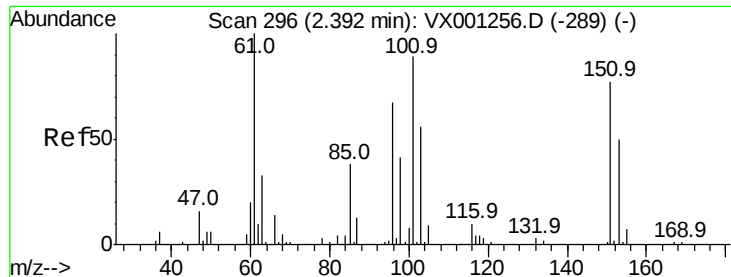


#8

Diethyl Ether
Concen: 21.589 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Tgt Ion: 74 Resp: 27411
Ion Ratio Lower Upper
74 100
45 98.4 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.106 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :
MSVOA_X
ClientSampleId :

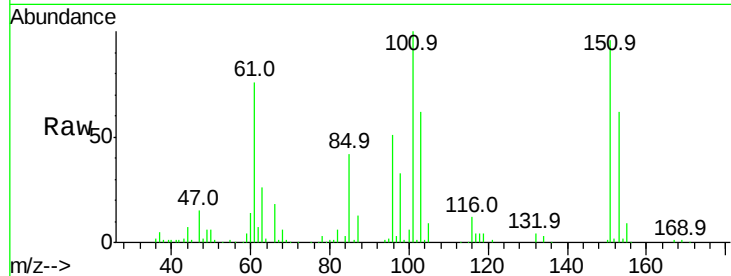
Tot Ion:101 Resp: 43769

Ion Ratio Lower Upper

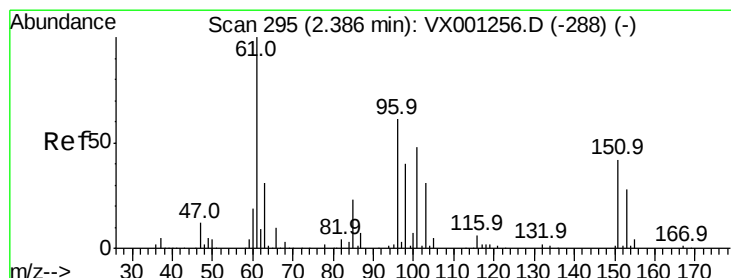
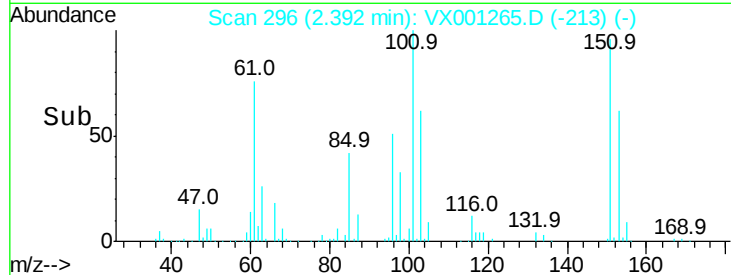
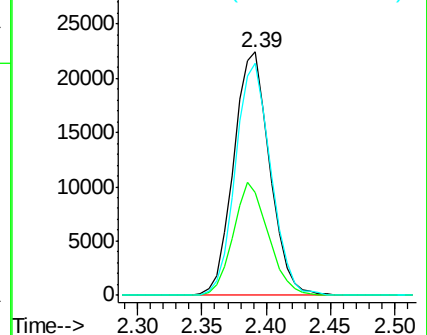
101 100

85 45.1 0.0 90.4

151 93.2 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VX0
Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 21.272 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

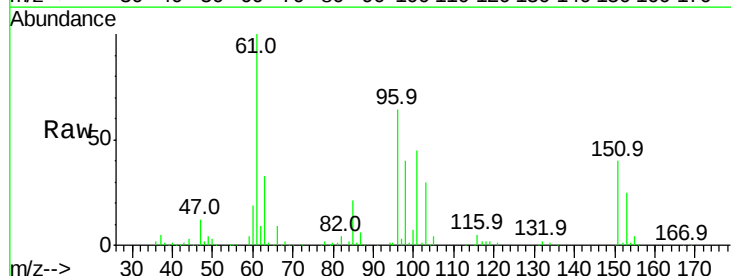
Tgt Ion: 96 Resp: 39965

Ion Ratio Lower Upper

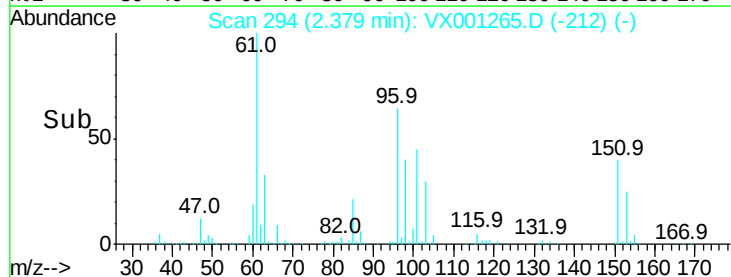
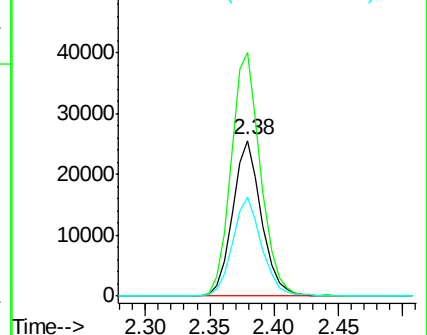
96 100

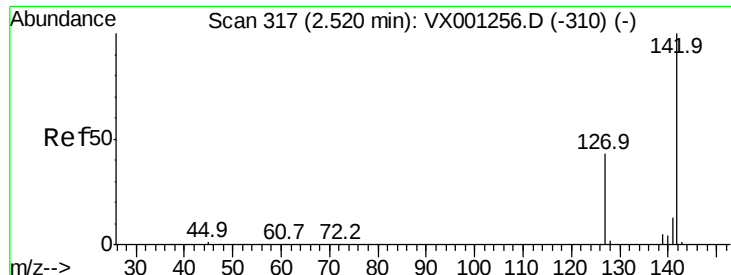
61 156.7 118.6 178.0

98 63.4 51.0 76.6



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

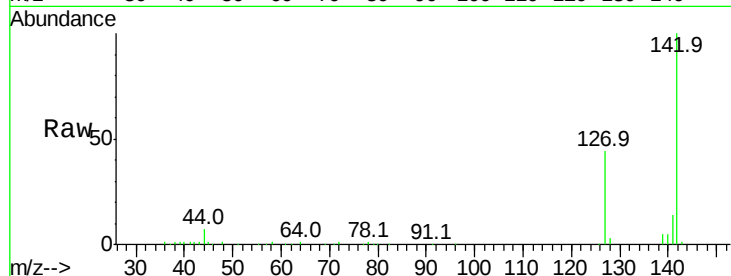




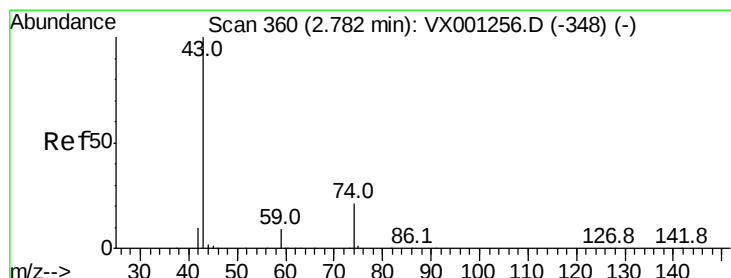
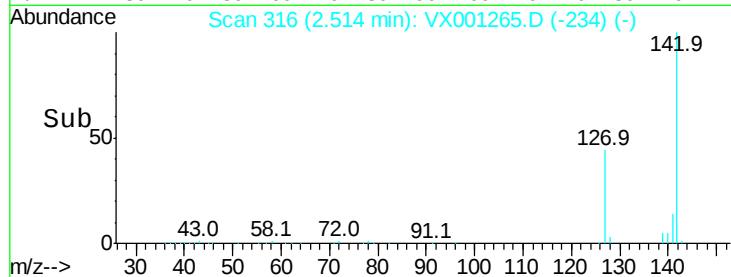
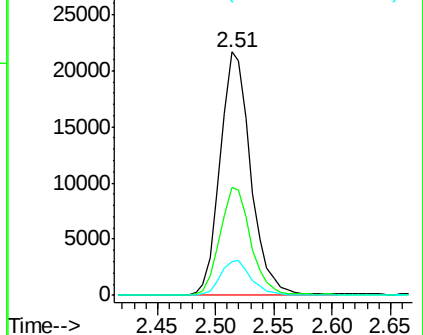
#11
Methyl Iodide
Concen: 17.379 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 39713
Ion Ratio Lower Upper
142 100
127 44.4 23.8 71.5
141 13.6 8.2 24.4

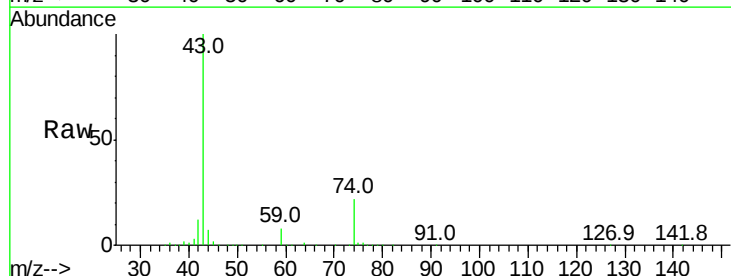


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

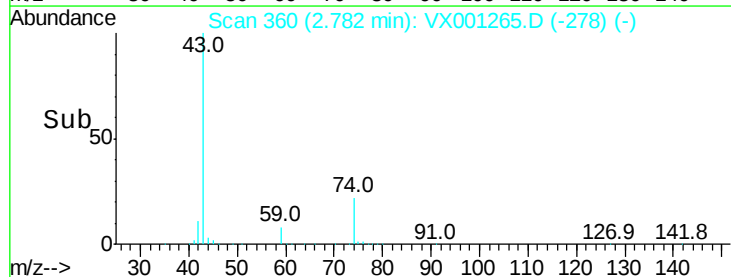
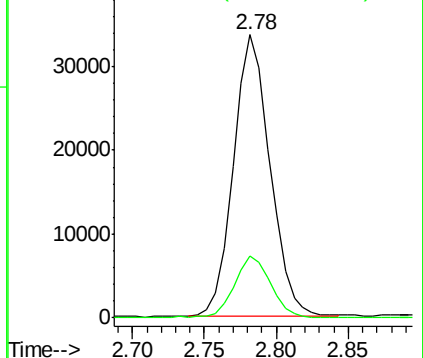


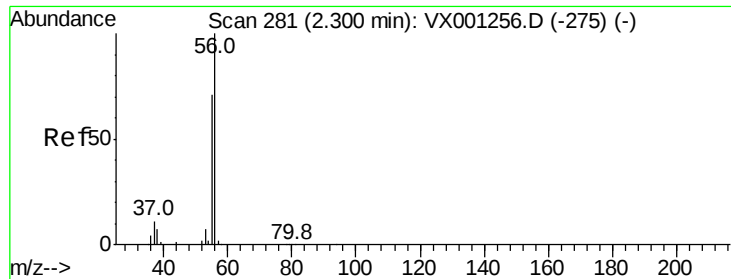
#12
Methyl Acetate
Concen: 23.913 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Tgt Ion: 43 Resp: 59062
Ion Ratio Lower Upper
43 100
74 21.8 18.6 27.8



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

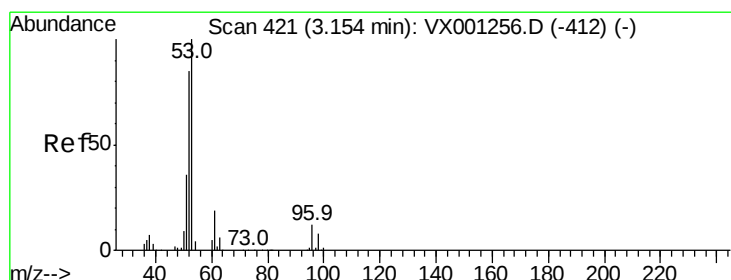
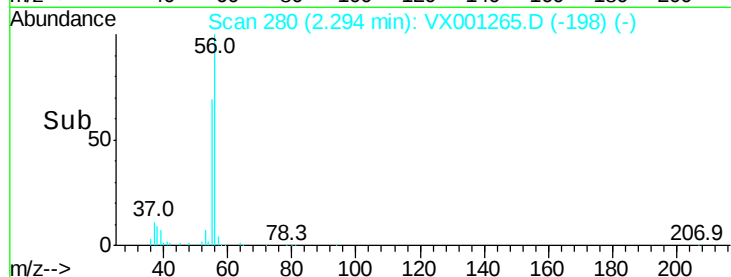
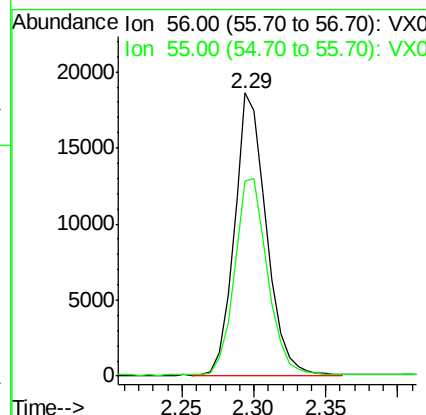
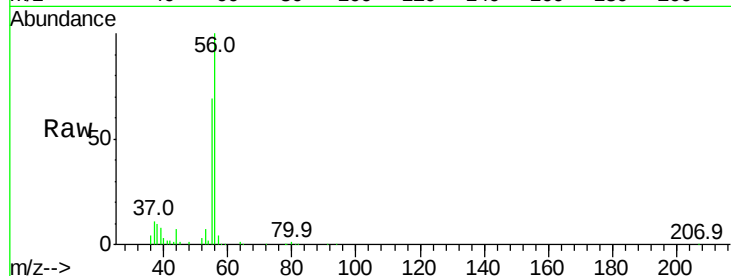




#13
 Acrolein
 Concen: 98.118 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

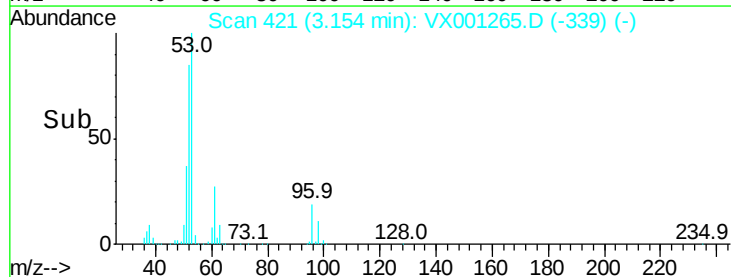
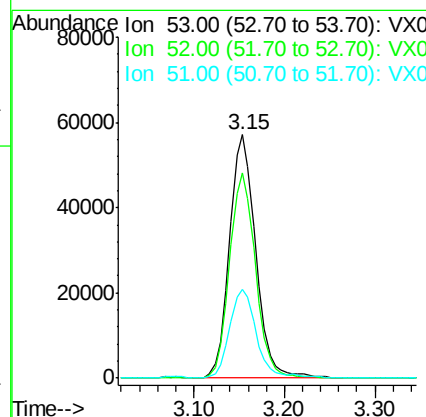
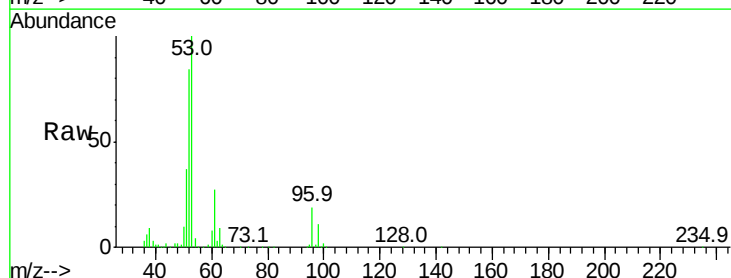
Instrument :
 MSVOA_X
 ClientSampleId :

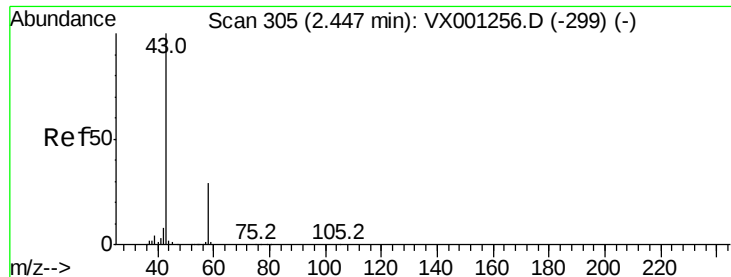
Tot Ion: 56 Resp: 28904
 Ion Ratio Lower Upper
 56 100
 55 70.5 57.3 85.9



#14
 Acrylonitrile
 Concen: 117.016 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Tgt Ion: 53 Resp: 115037
 Ion Ratio Lower Upper
 53 100
 52 83.2 41.9 125.8
 51 37.4 18.8 56.3





#15

Acetone

Concen: 106.353 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

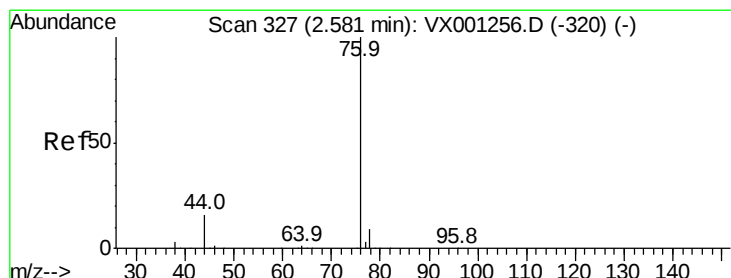
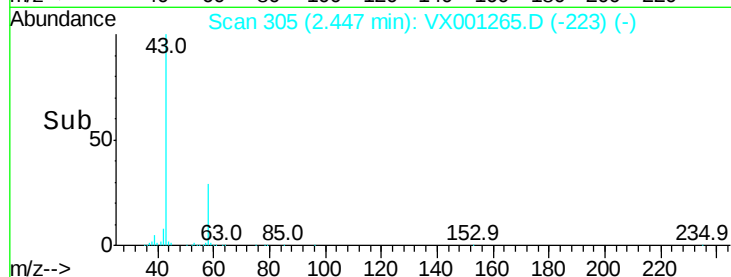
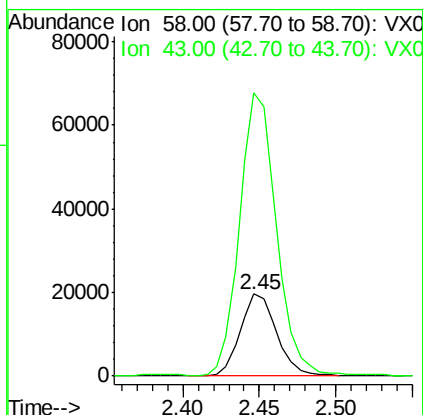
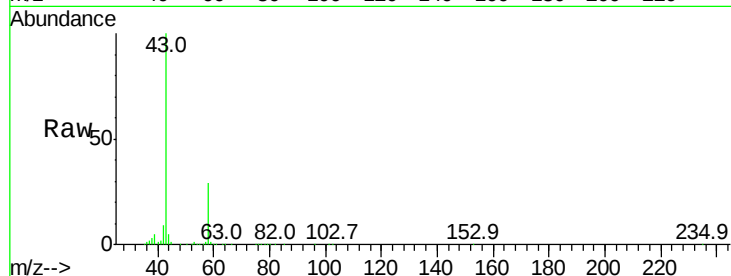
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 32532

Ion Ratio Lower Upper

58 100

43 342.9 264.6 396.8



#16

Carbon Disulfide

Concen: 19.565 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX001265.D

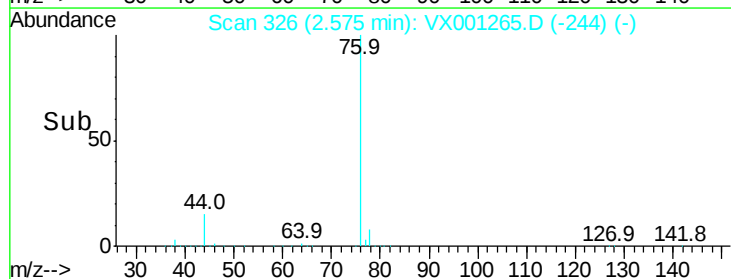
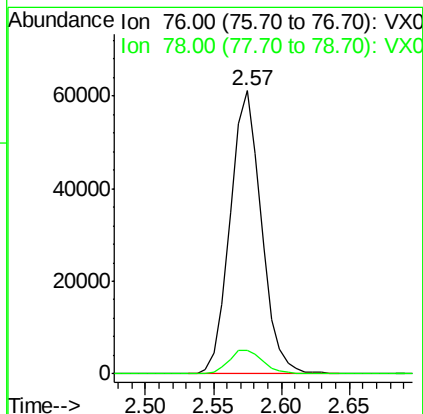
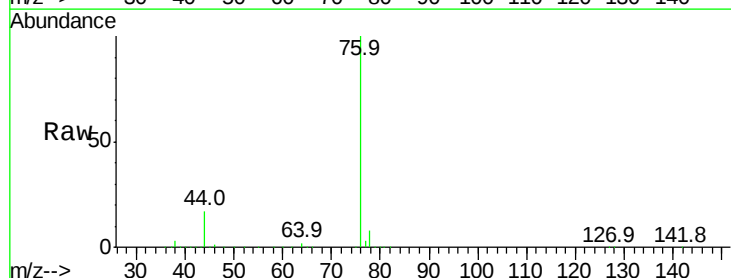
Acq: 30 Apr 2018 20:55

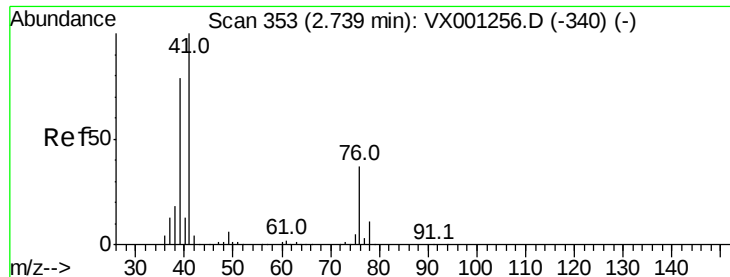
Tgt Ion: 76 Resp: 97768

Ion Ratio Lower Upper

76 100

78 8.2 6.8 10.2

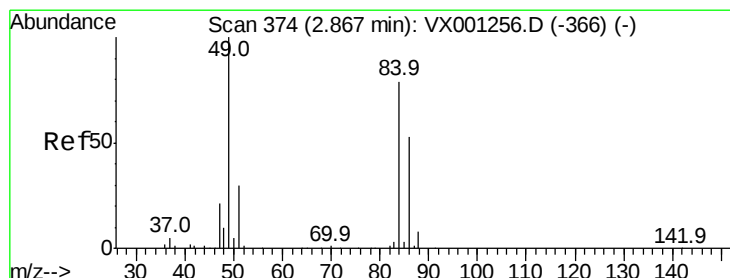
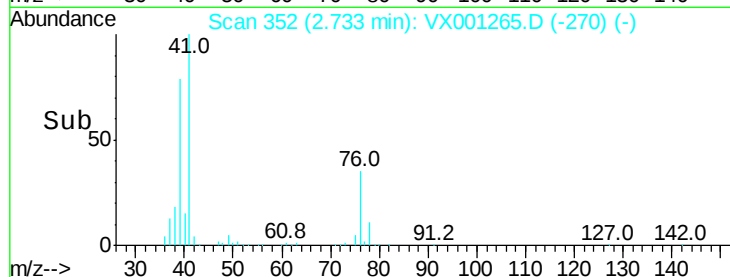
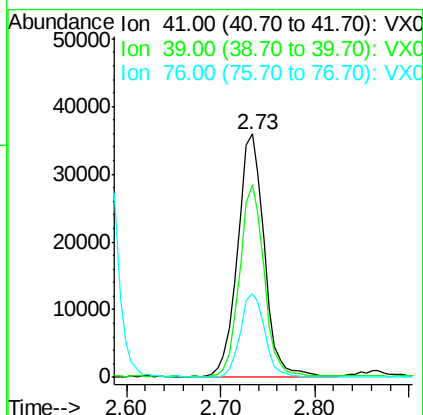
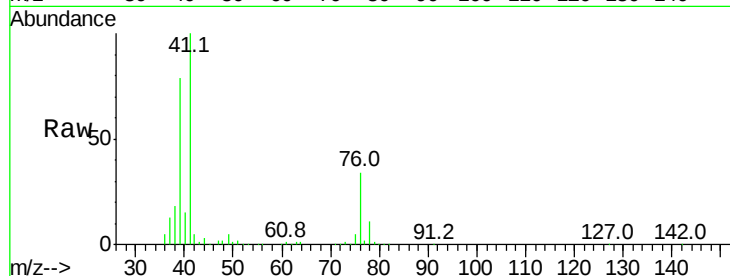




#17
Allvl chloride
Concen: 21.226 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

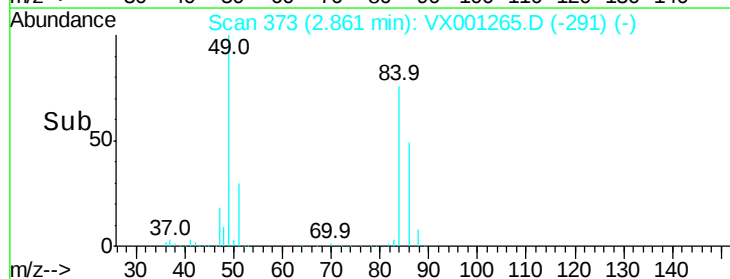
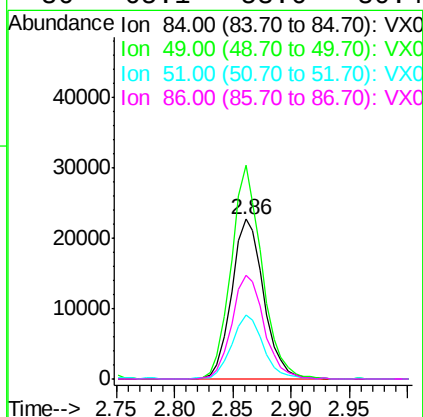
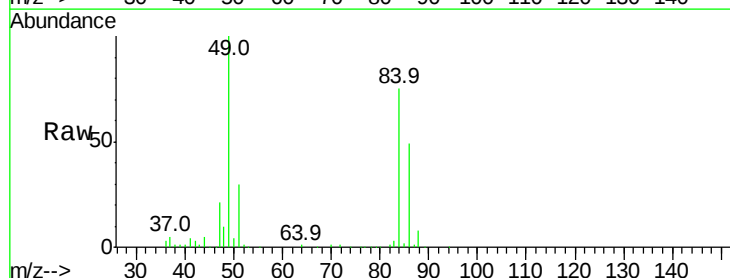
Instrument :
MSVOA_X
ClientSampleId :

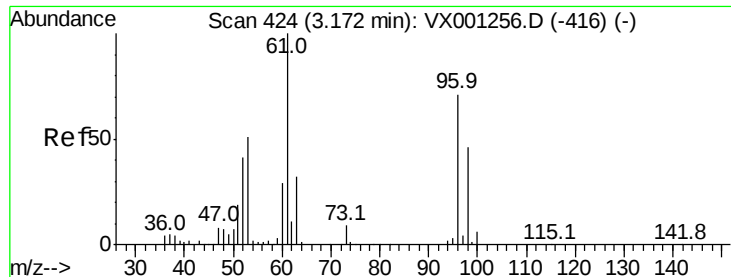
Tot Ion: 41 Resp: 70766
Ion Ratio Lower Upper
41 100
39 79.0 38.5 115.5
76 34.5 18.7 56.1



#18
Methylene Chloride
Concen: 21.278 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Tgt Ion: 84 Resp: 43571
Ion Ratio Lower Upper
84 100
49 133.7 103.3 154.9
51 39.7 31.2 46.8
86 65.1 53.6 80.4





#19

trans-1,2-Dichloroethene

Concen: 20.876 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :
MSVOA_X
ClientSampleId :

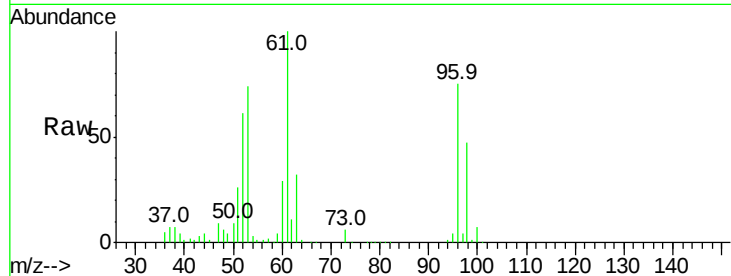
Tot Ion: 96 Resp: 42284

Ion Ratio Lower Upper

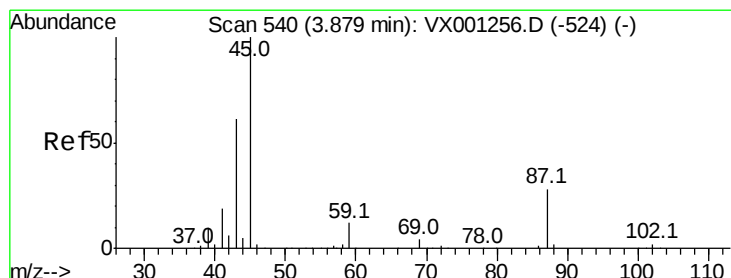
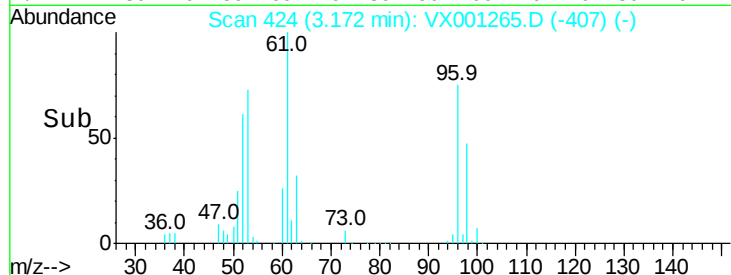
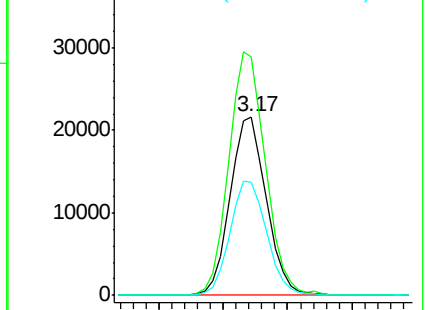
96 100

61 133.5 101.0 151.6

98 63.3 53.3 79.9



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.964 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Tgt Ion: 45 Resp: 130987

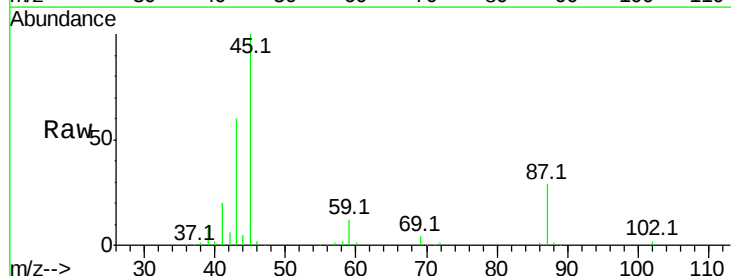
Ion Ratio Lower Upper

45 100

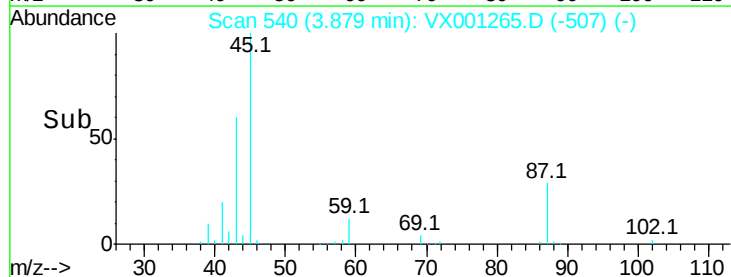
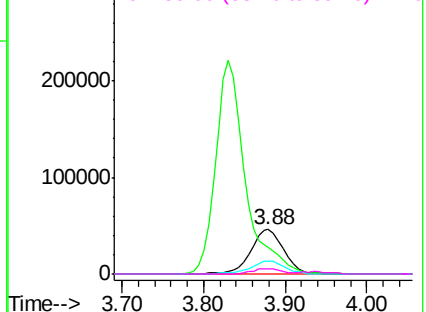
43 58.6 49.6 74.4

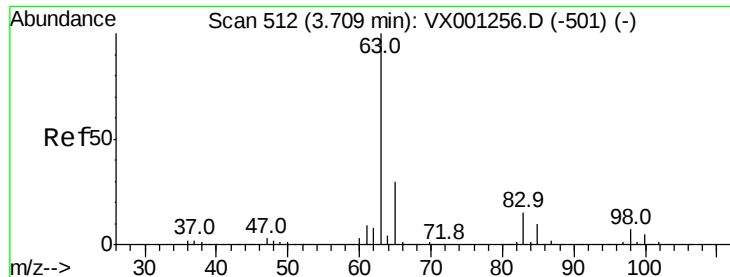
87 29.0 23.1 34.7

59 12.4 10.8 16.2



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

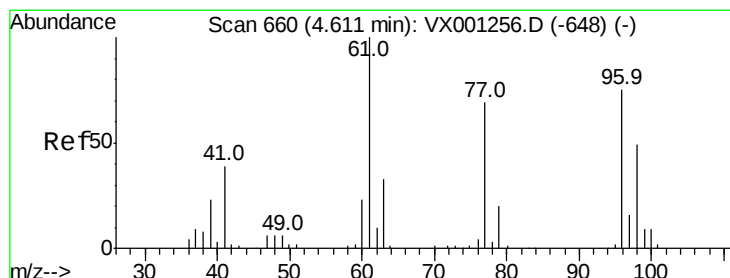
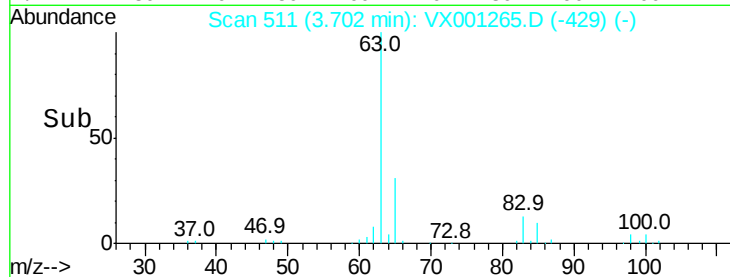
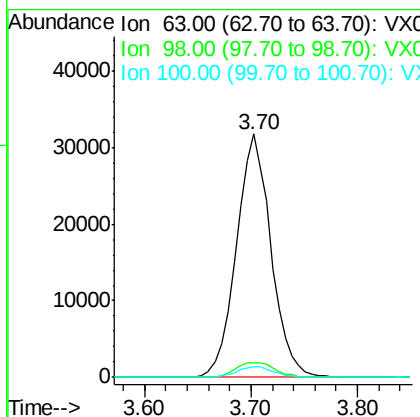
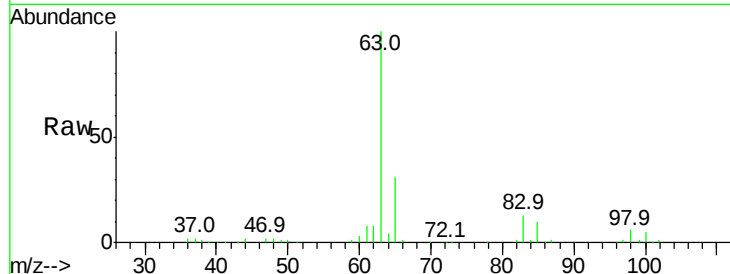




#21
 1,1-Dichloroethane
 Concen: 20.548 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

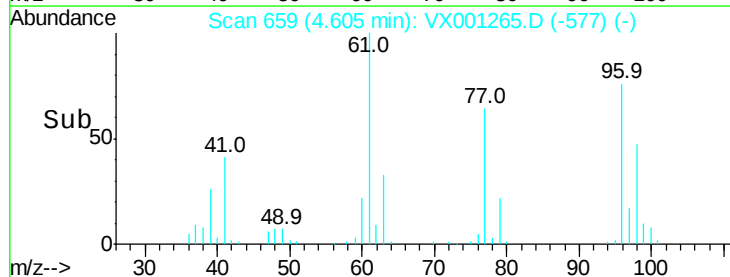
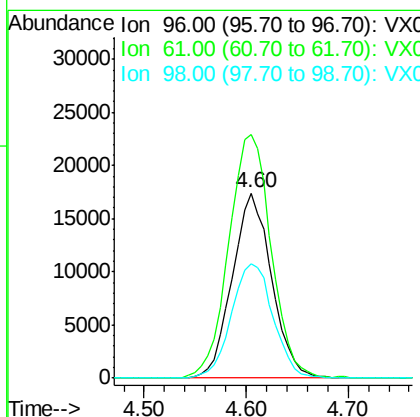
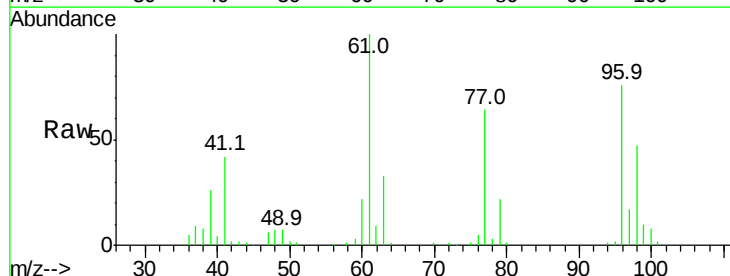
Instrument :
 MSVOA_X
 ClientSampleId :

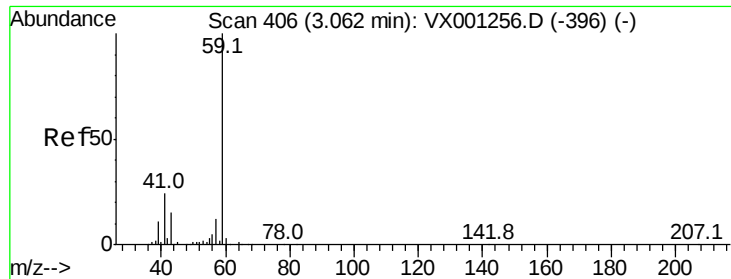
Tot Ion: 63 Resp: 72451
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 4.6 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 20.650 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Tgt Ion: 96 Resp: 46709
 Ion Ratio Lower Upper
 96 100
 61 141.0 113.5 170.3
 98 65.5 51.8 77.8



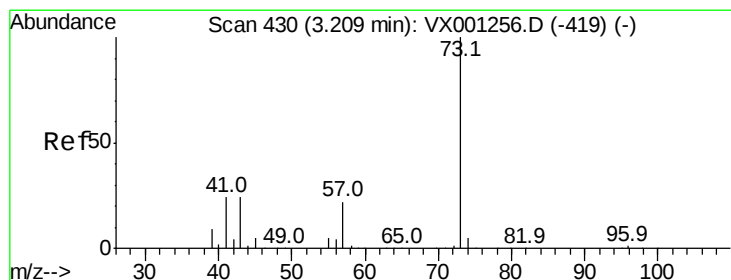
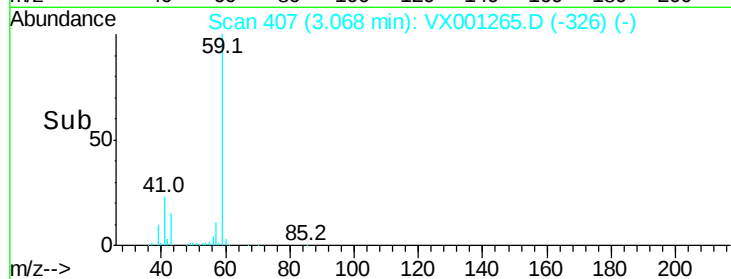
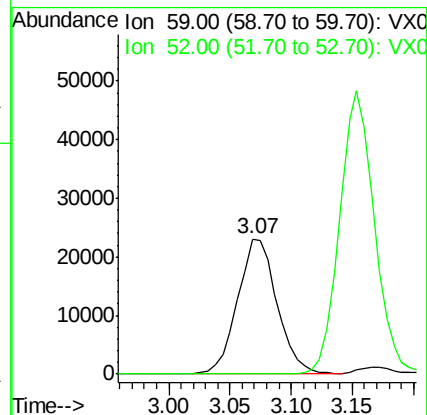
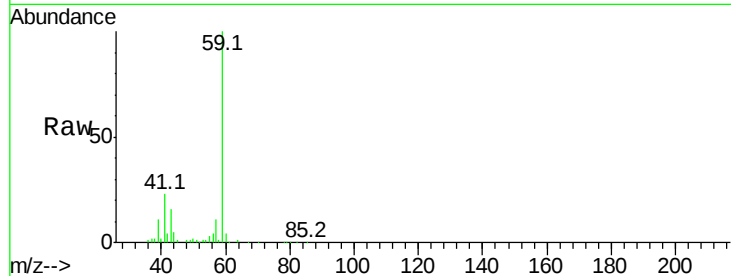


#23

tert-Butyl Alcohol
Concen: 127.710 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Instrument :
MSVOA_X
ClientSampleId :

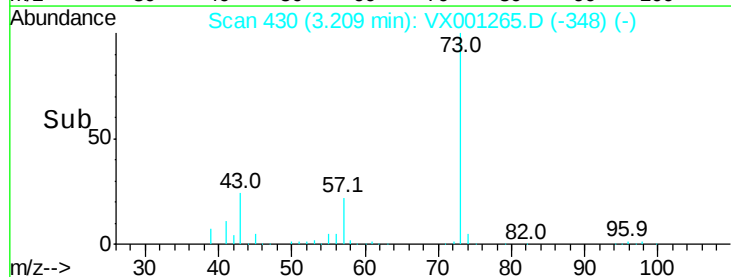
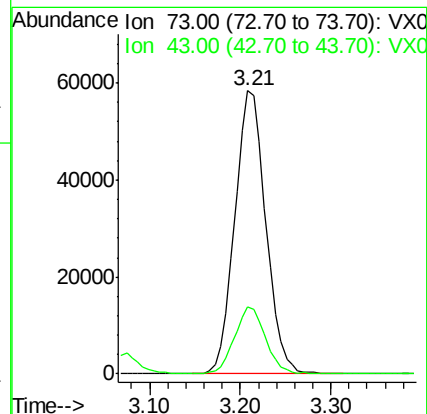
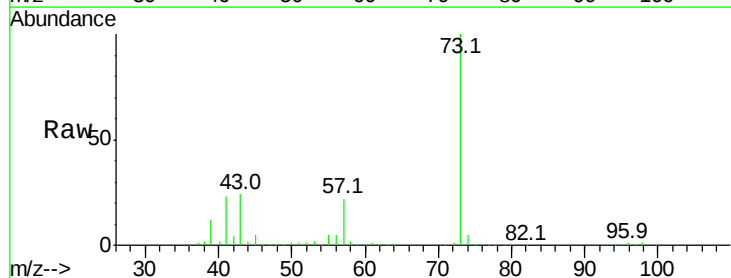
Tot Ion: 59 Resp: 51309
Ion Ratio Lower Upper
59 100
52 0.6 0.1 0.1#

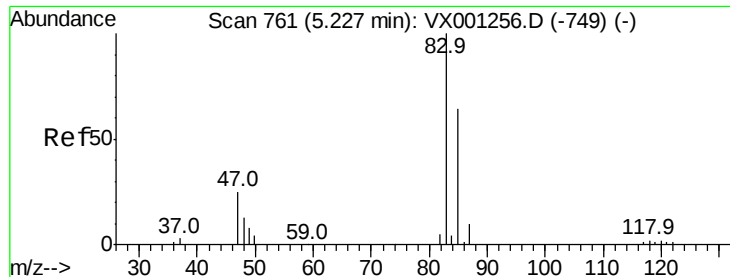


#24

Methyl tert-Butyl Ether
Concen: 21.525 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Tgt Ion: 73 Resp: 138681
Ion Ratio Lower Upper
73 100
43 23.2 16.5 24.7

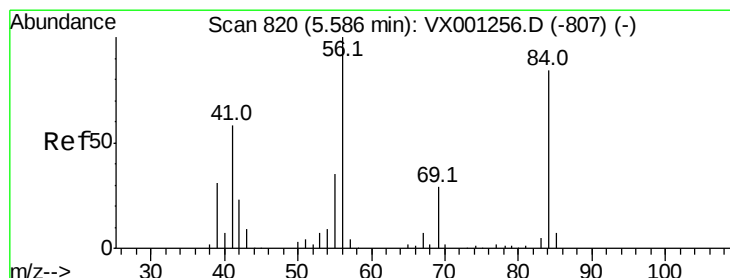
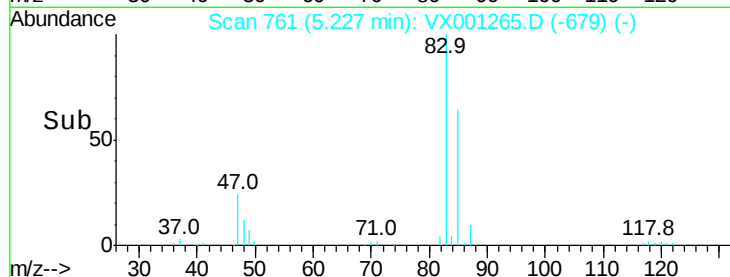
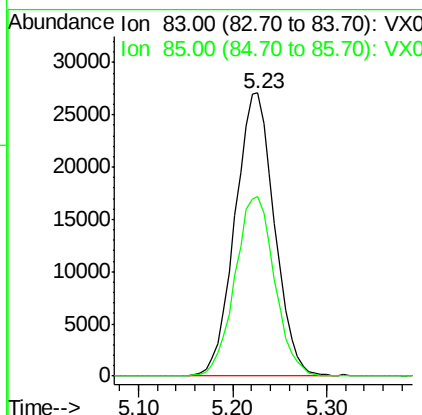
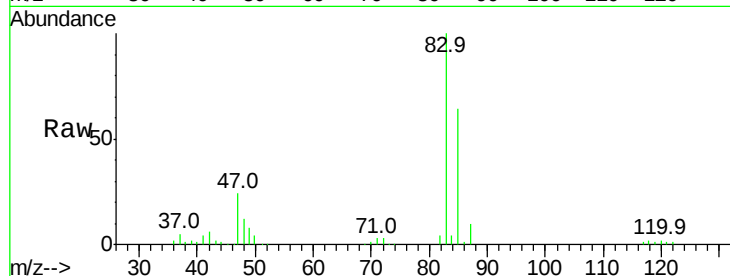




#25
Chloroform
Concen: 20.672 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

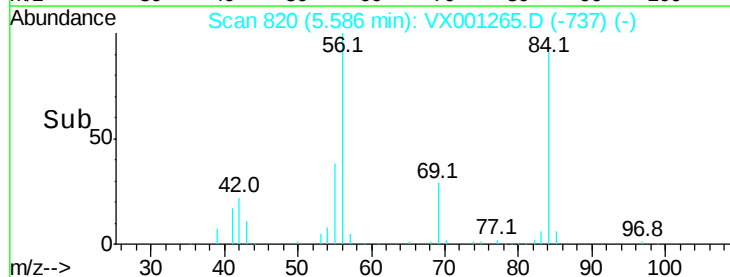
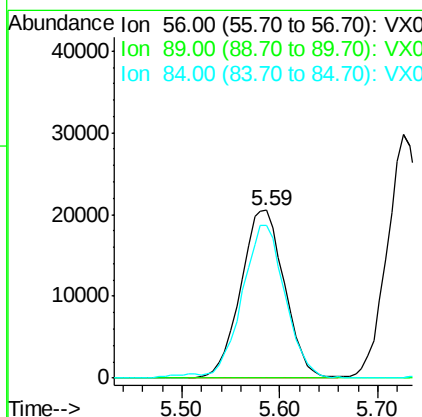
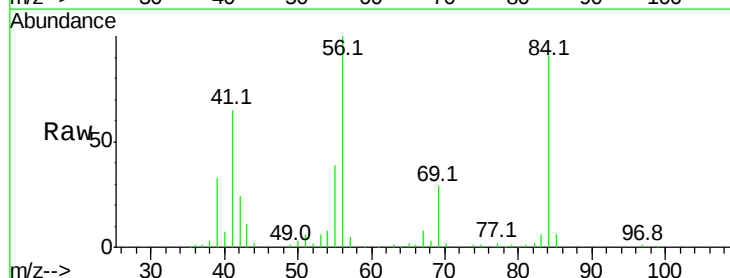
Instrument :
MSVOA_X
ClientSampled :

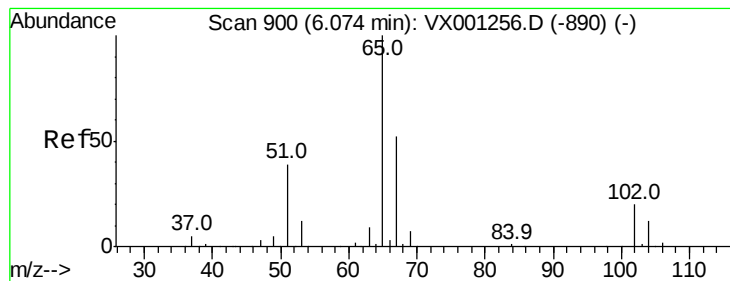
Tot Ion: 83 Resp: 79357
Ion Ratio Lower Upper
83 100
85 63.5 52.5 78.7



#26
Cyclohexane
Concen: 19.916 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Tgt Ion: 56 Resp: 63848
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.8 74.8 112.2





#27

1,2-Dichloroethane-d4

Concen: 30.356 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :

MSVOA_X

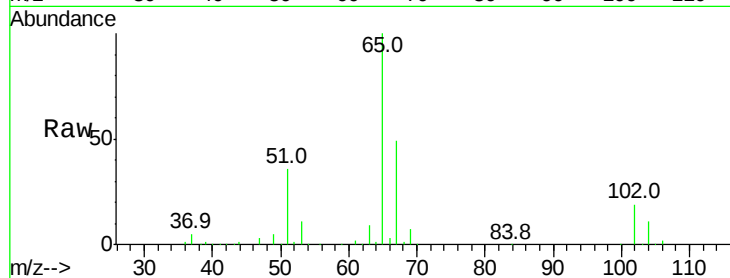
ClientSampleId :

Tot Ion: 65 Resp: 75102

Ion Ratio Lower Upper

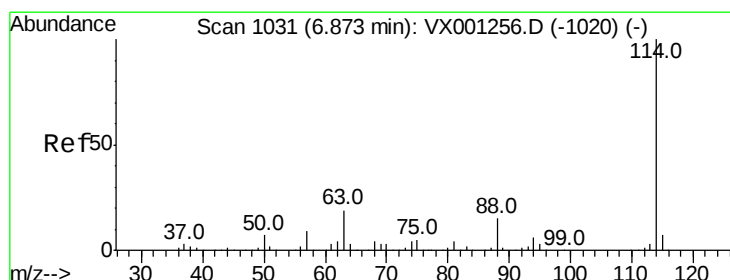
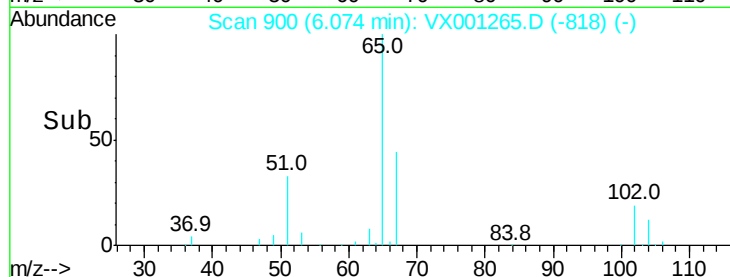
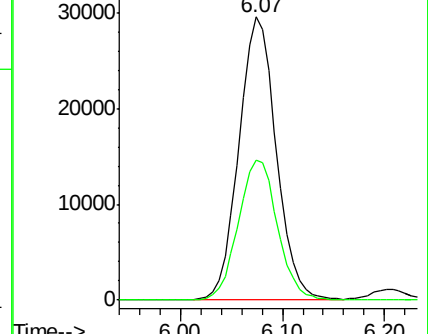
65 100

67 51.7 41.4 62.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

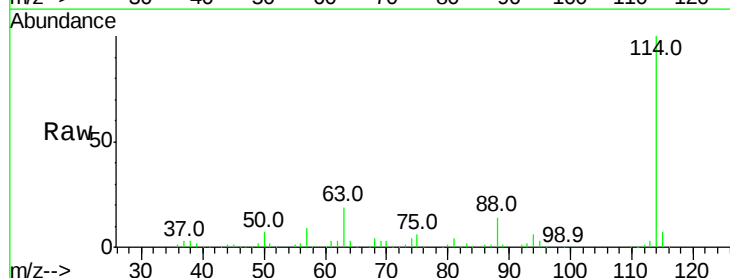
Tgt Ion:114 Resp: 193340

Ion Ratio Lower Upper

114 100

63 19.0 15.0 22.4

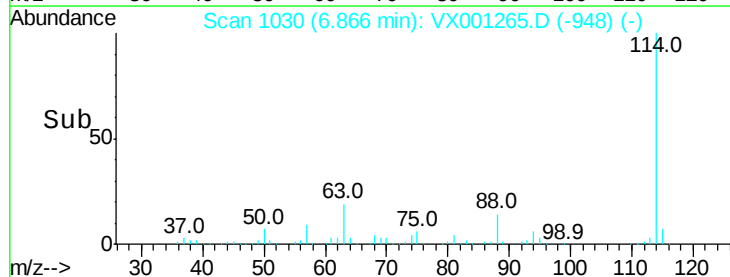
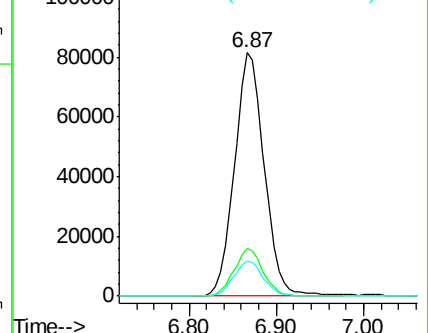
88 14.4 11.8 17.8

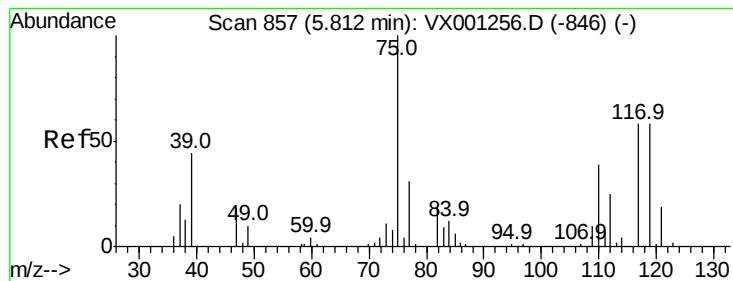


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.804 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :

MSVOA_X

ClientSampled :

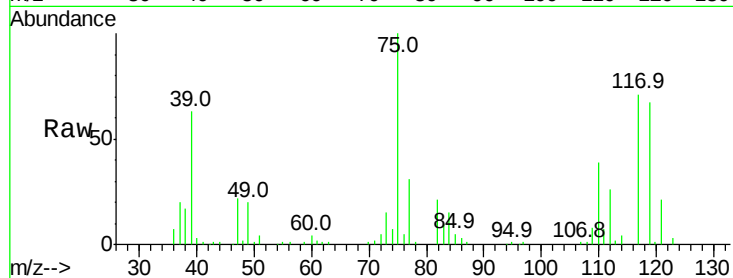
Tot Ion: 75 Resp: 56726

Ion Ratio Lower Upper

75 100

110 38.6 0.0 75.6

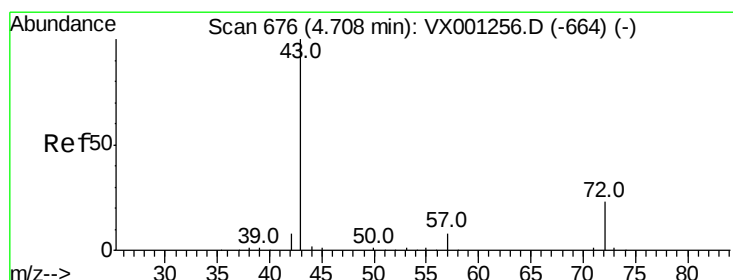
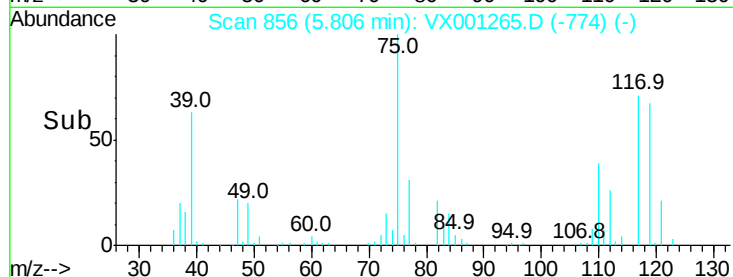
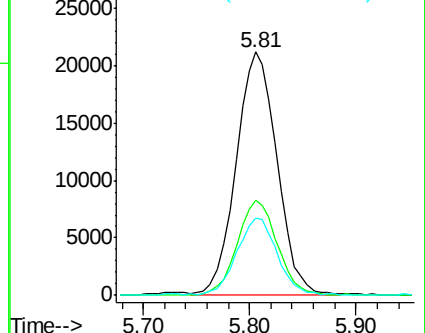
77 31.4 0.0 62.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 107.990 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

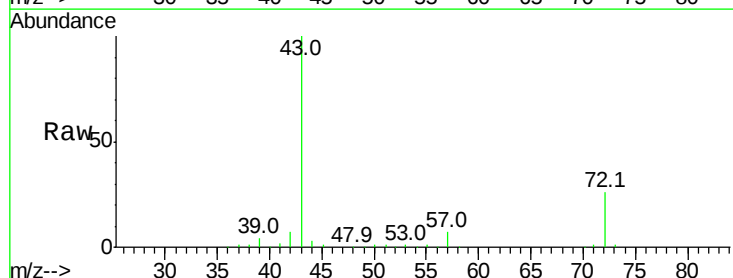
Tgt Ion: 43 Resp: 158514

Ion Ratio Lower Upper

43 100

57 4.5 6.6 10.0#

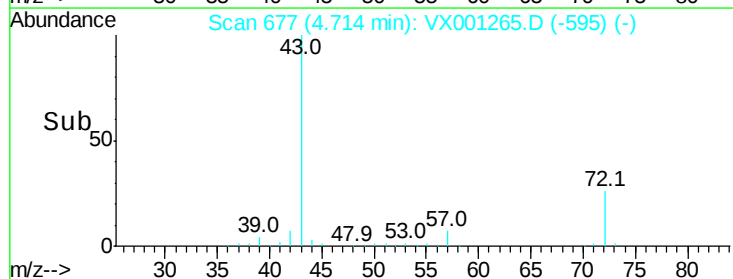
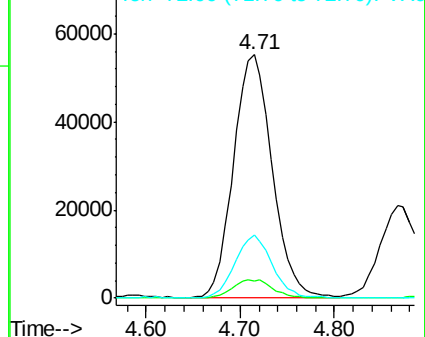
72 24.8 21.8 32.6

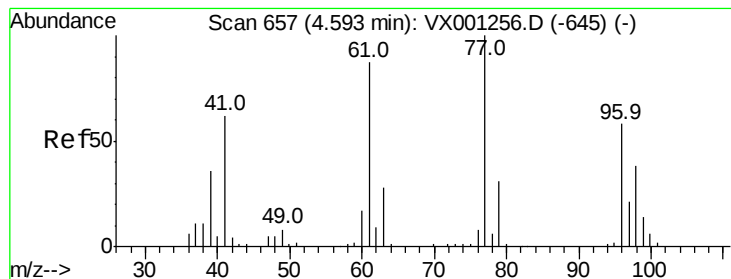


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 17.942 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :

MSVOA_X

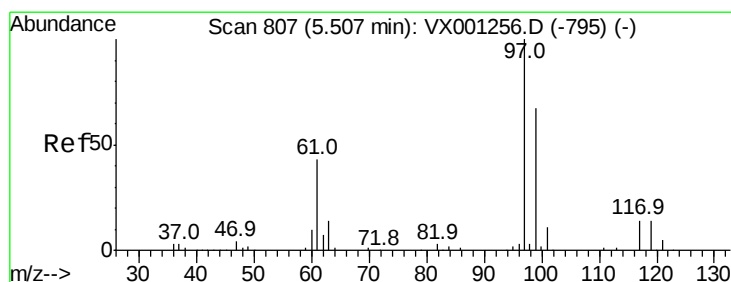
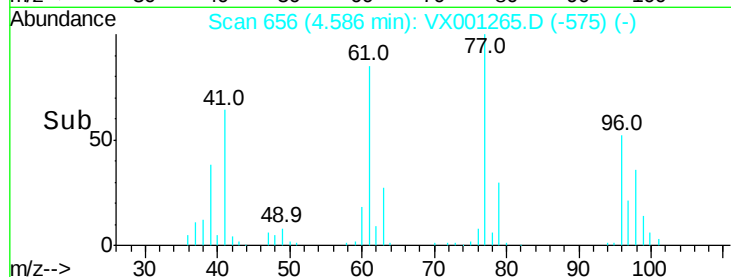
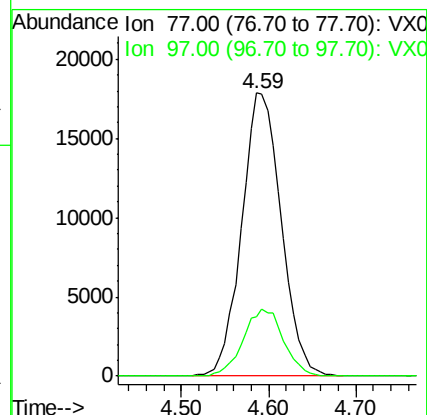
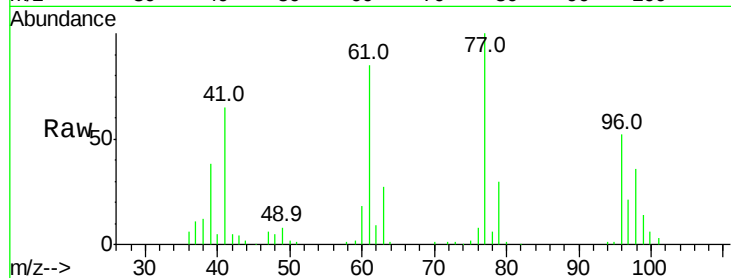
ClientSampled :

Tot Ion: 77 Resp: 56105

Ion Ratio Lower Upper

77 100

97 24.2 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 19.522 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

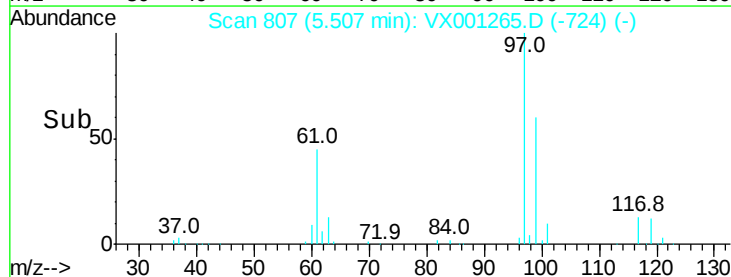
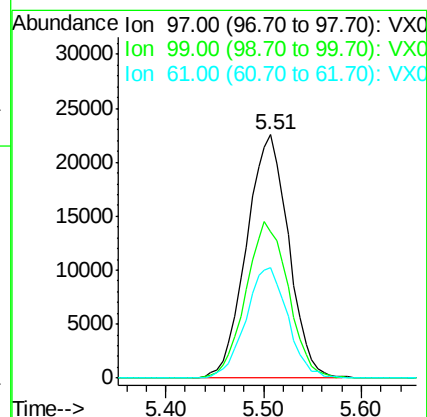
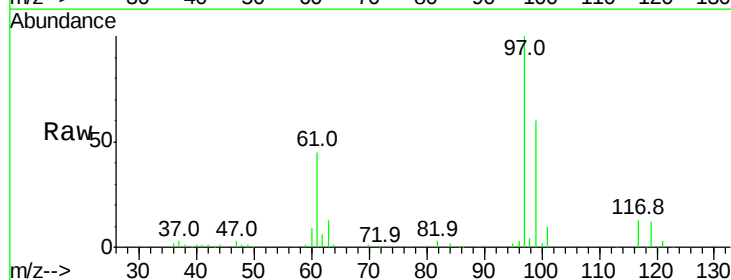
Tgt Ion: 97 Resp: 67658

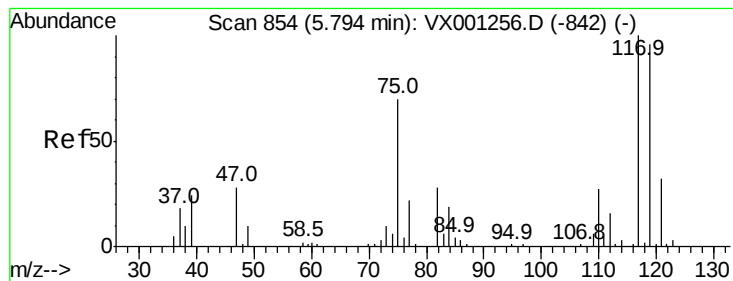
Ion Ratio Lower Upper

97 100

99 64.9 52.3 78.5

61 45.2 34.3 51.5





#33

Carbon Tetrachloride

Concen: 18.960 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.01 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :
MSVOA_X
ClientSampled :

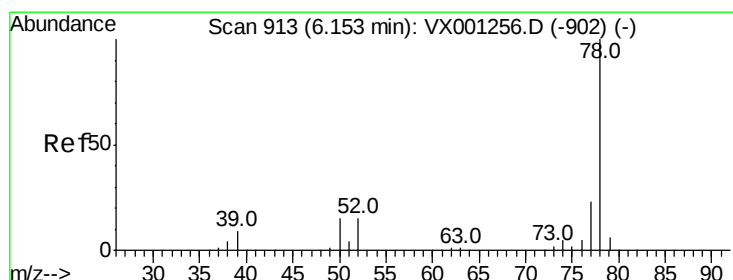
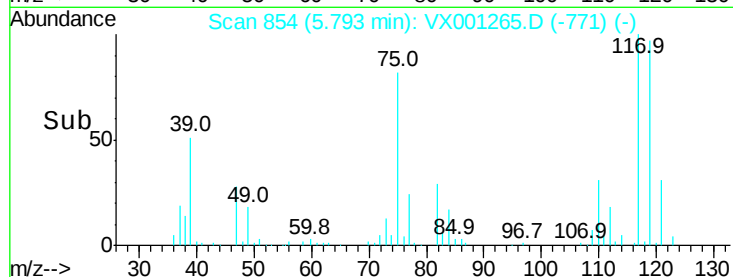
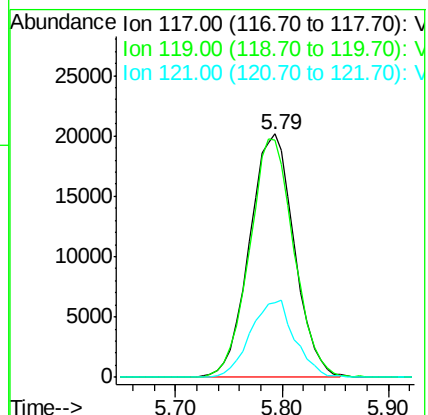
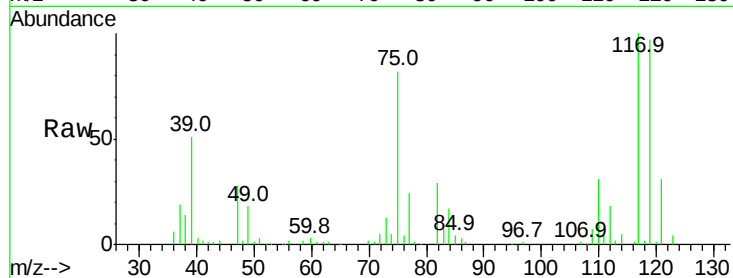
Tot Ion:117 Resp: 59228

Ion Ratio Lower Upper

117 100

119 97.4 73.5 110.3

121 30.9 24.6 37.0



#34

Benzene

Concen: 19.987 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

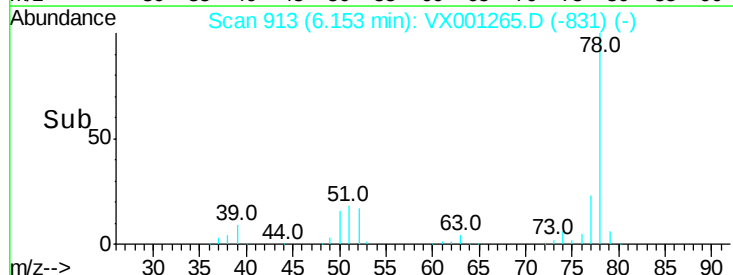
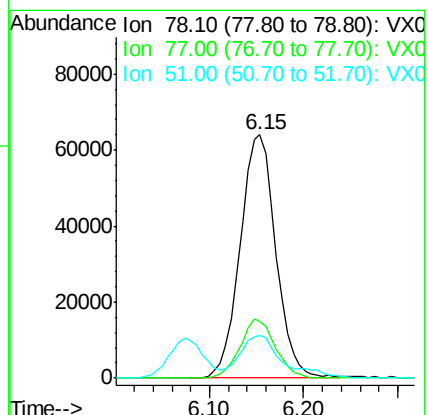
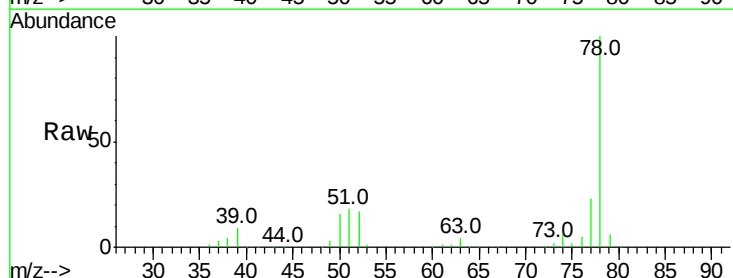
Tgt Ion: 78 Resp: 169642

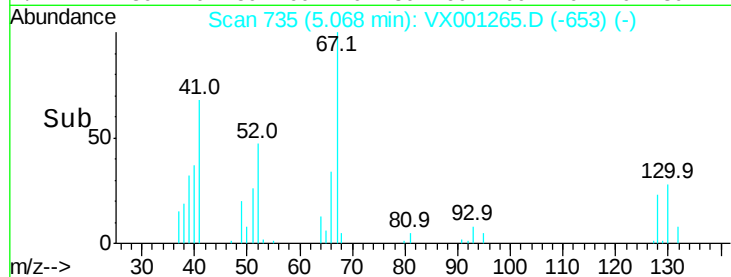
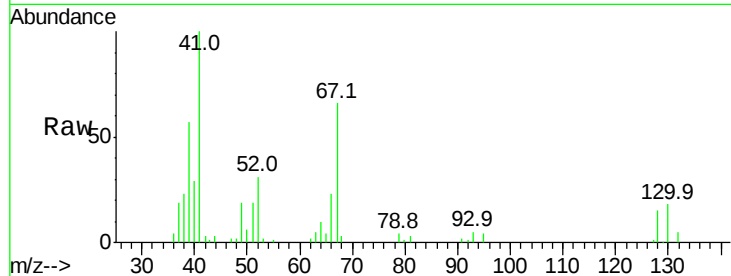
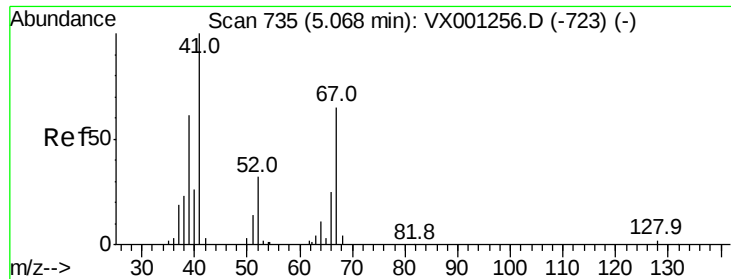
Ion Ratio Lower Upper

78 100

77 23.1 21.7 32.5

51 17.0 14.9 22.3

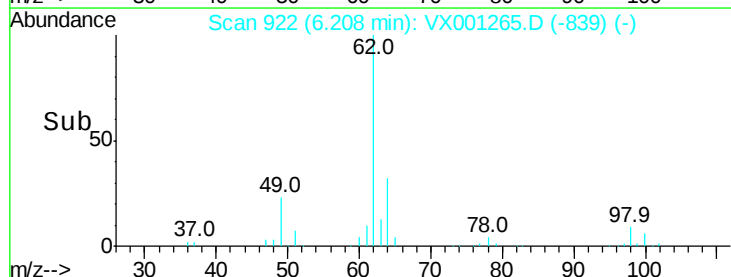
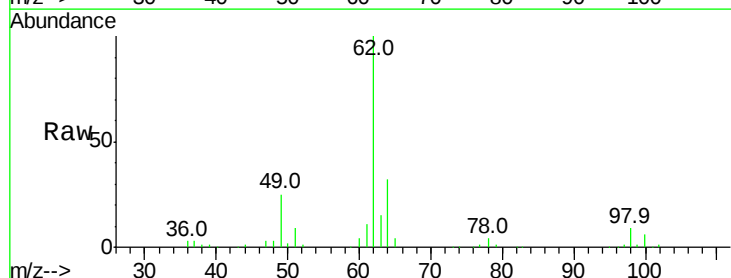
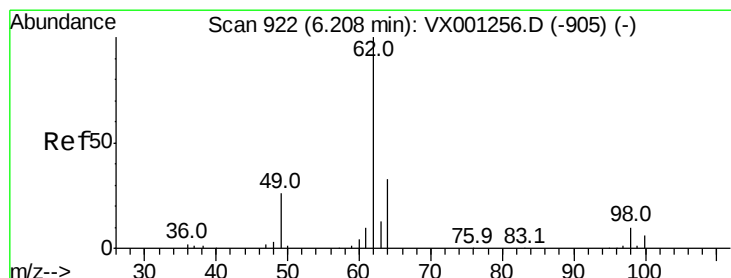
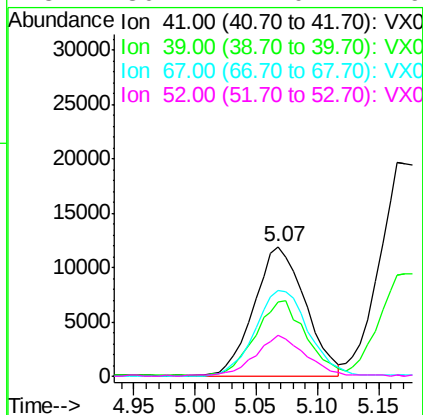




#35
Methacrylonitrile
Concen: 21.329 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

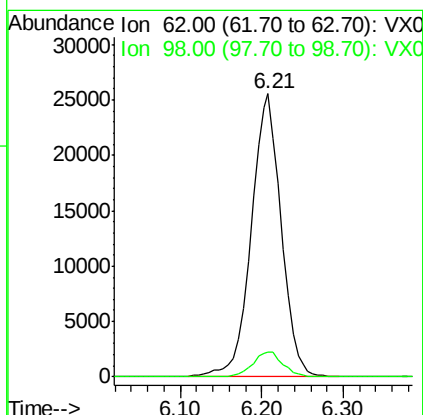
Instrument :
MSVOA_X
ClientSampleId :

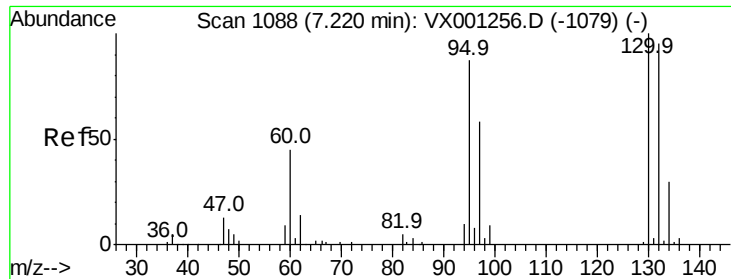
Tot Ion:	41	Resp:	34741
Ion	Ratio	Lower	Upper
41	100		
39	56.9	29.8	89.3
67	66.6	28.7	86.3
52	30.7	14.0	41.9



#36
1,2-Dichloroethane
Concen: 20.093 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Tgt Ion:	62	Resp:	65456
Ion	Ratio	Lower	Upper
62	100		
98	8.8	6.9	10.3

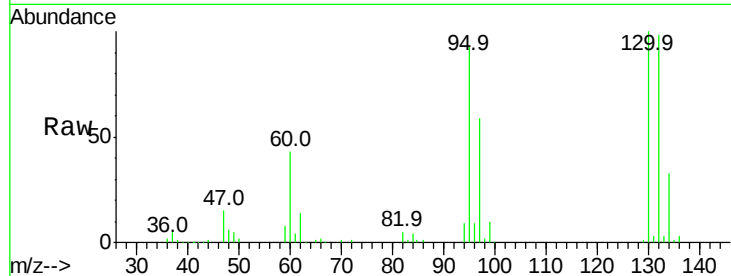




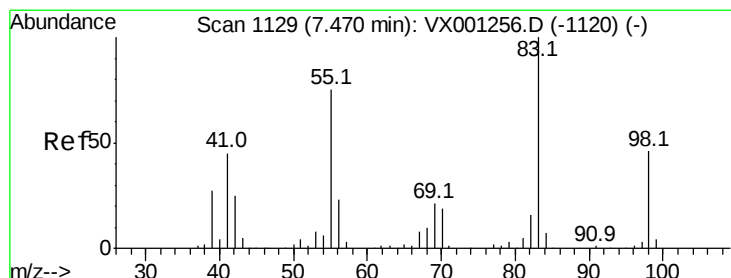
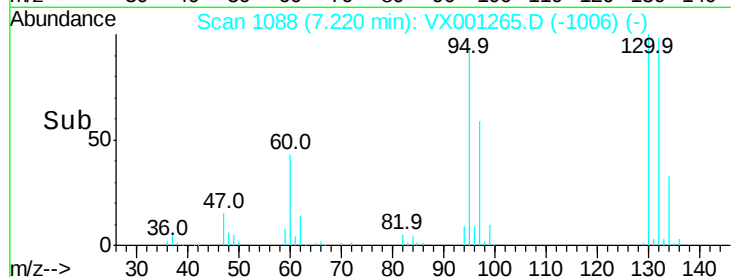
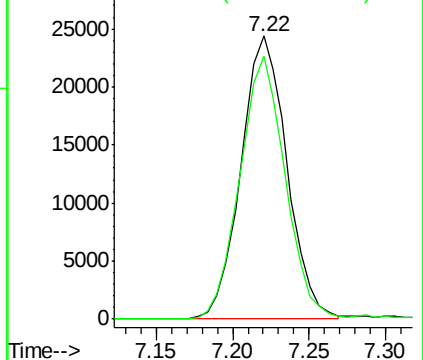
#37
 Trichloroethene
 Concen: 19.778 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 50903
 Ion Ratio Lower Upper
 130 100
 95 92.4 74.6 112.0

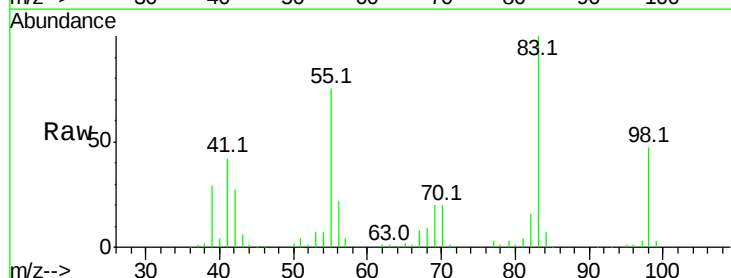


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

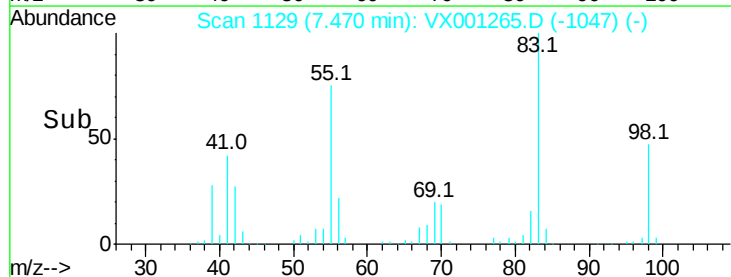
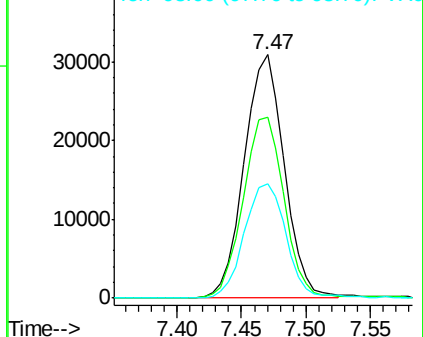


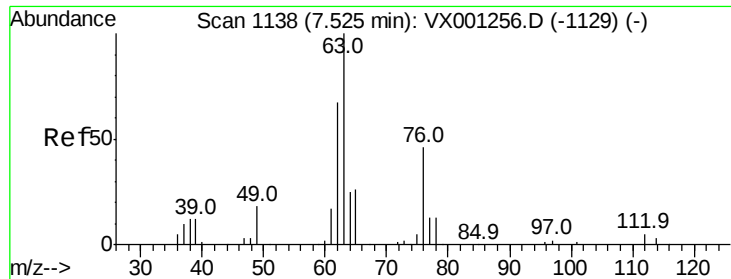
#38
 Methylcyclohexane
 Concen: 19.772 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Tgt Ion: 83 Resp: 66641
 Ion Ratio Lower Upper
 83 100
 55 75.9 35.9 107.7
 98 48.1 24.6 74.0



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

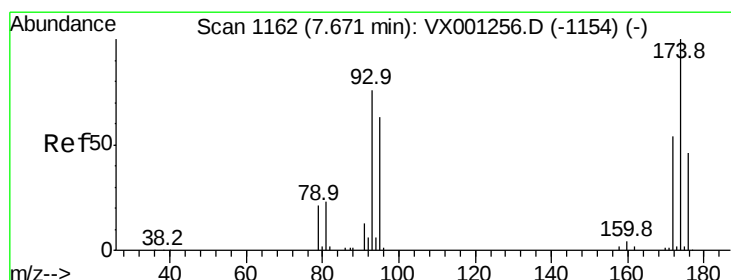
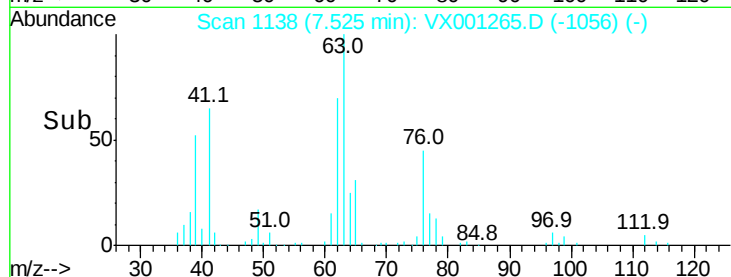
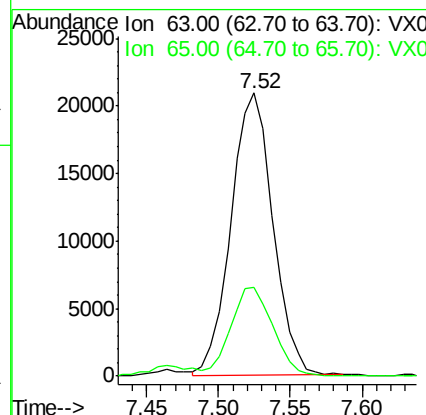
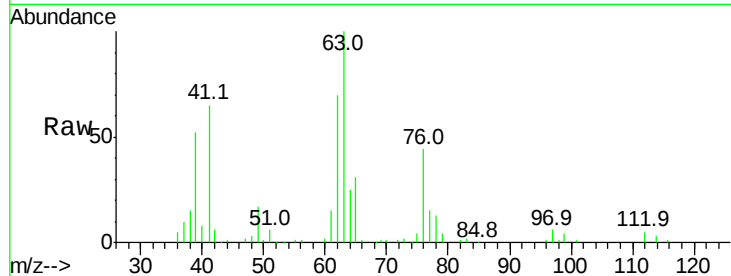




#39
 1,2-Dichloropropane
 Concen: 19.647 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

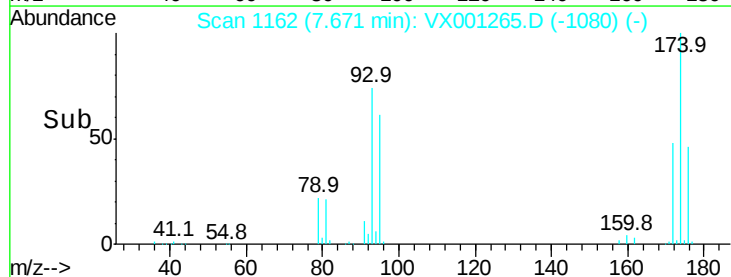
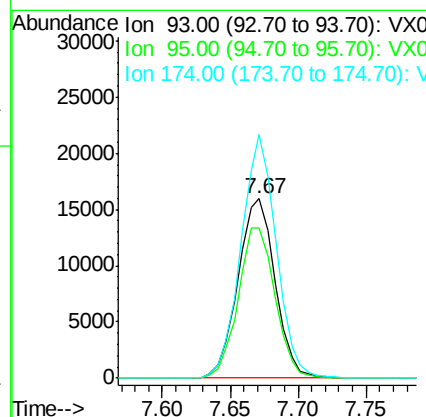
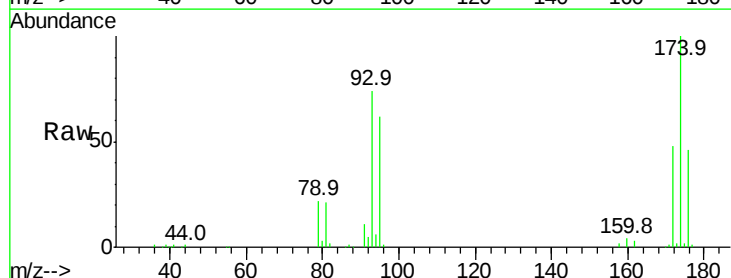
Instrument :
 MSVOA_X
 ClientSampled :

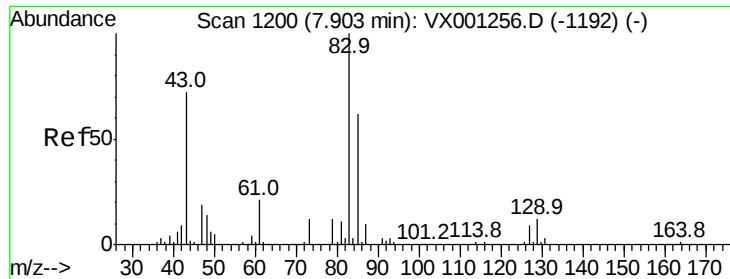
Tot Ion: 63 Resp: 42290
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.6



#40
 Dibromomethane
 Concen: 20.107 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Tgt Ion: 93 Resp: 30447
 Ion Ratio Lower Upper
 93 100
 95 83.6 0.0 170.6
 174 129.1 0.0 210.4





#41

Bromodichloromethane

Concen: 18.756 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

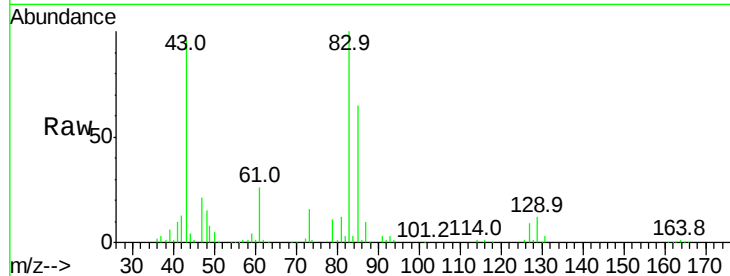
Tot Ion: 83 Resp: 53657

Ion Ratio Lower Upper

83 100

85 65.1 50.0 75.0

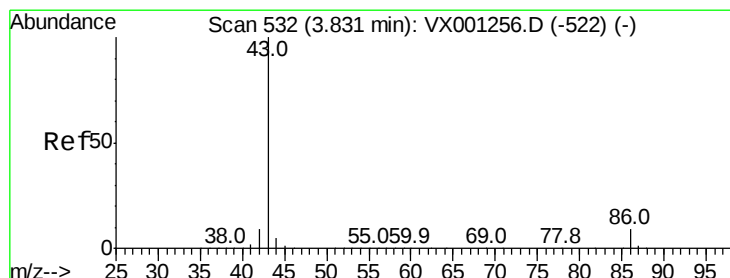
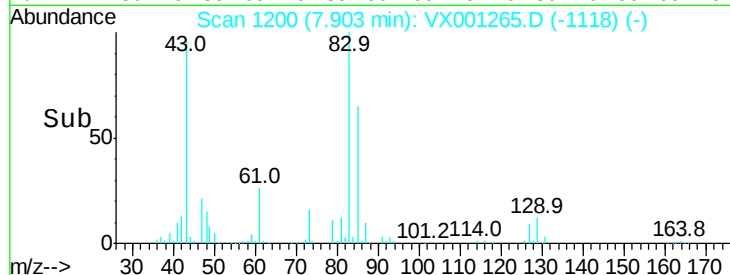
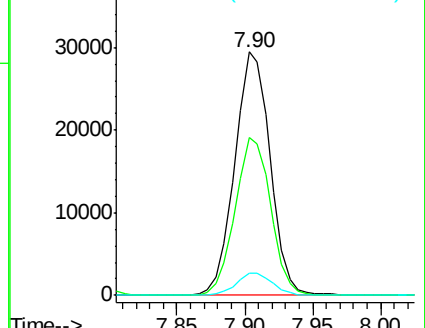
127 9.3 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 97.476 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001265.D

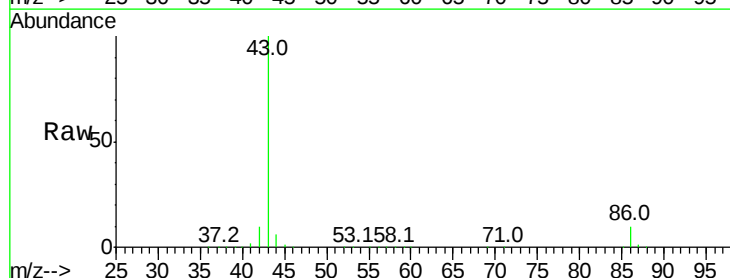
Acq: 30 Apr 2018 20:55

Tgt Ion: 43 Resp: 562822

Ion Ratio Lower Upper

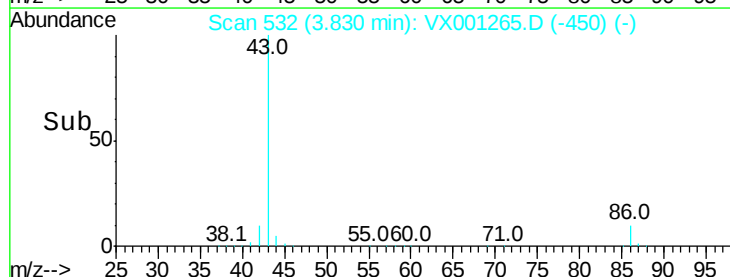
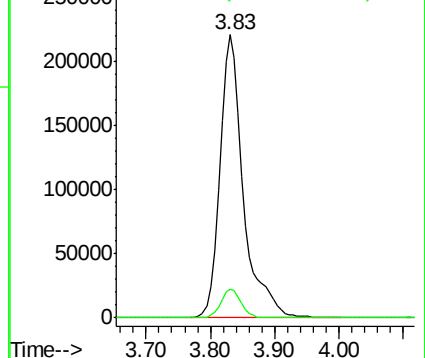
43 100

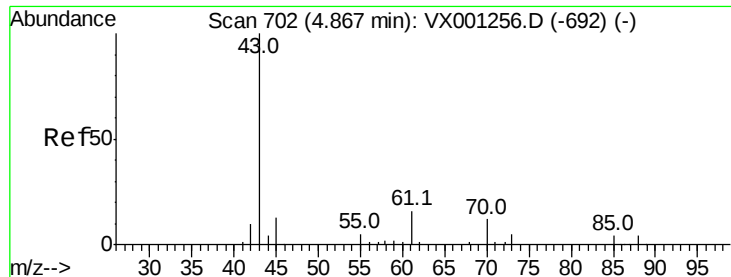
86 8.9 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 21.976 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

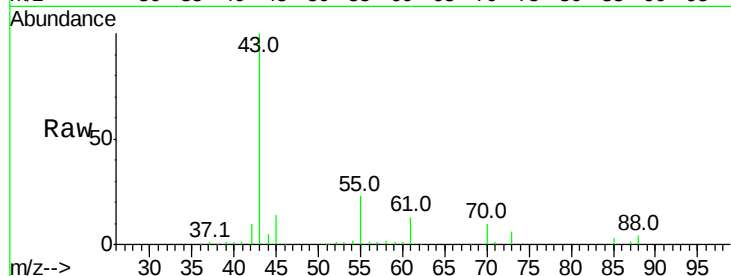
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 62121

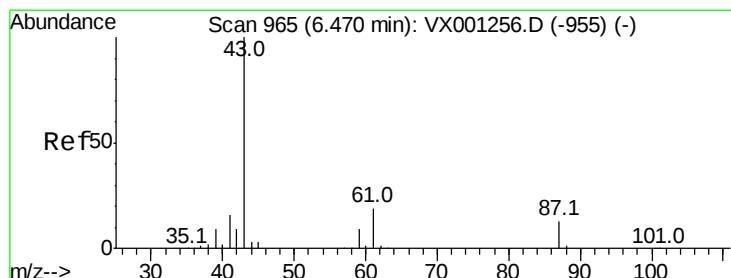
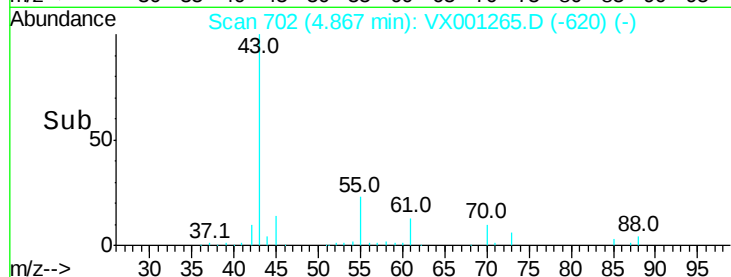
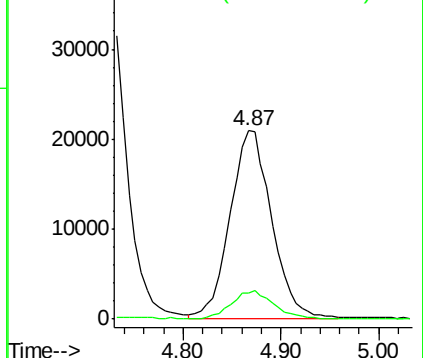
Ion Ratio Lower Upper

43 100

45 15.3 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 20.407 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001265.D

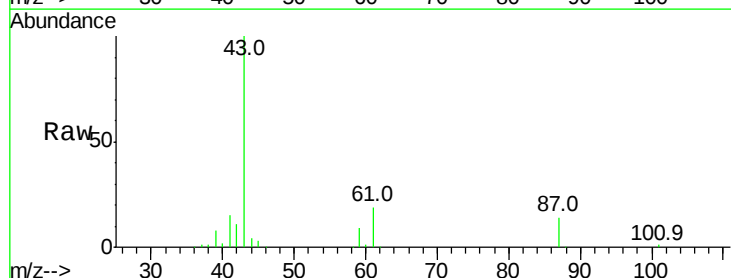
Acq: 30 Apr 2018 20:55

Tgt Ion: 43 Resp: 98153

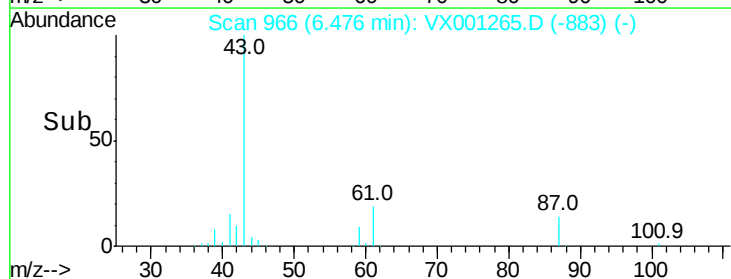
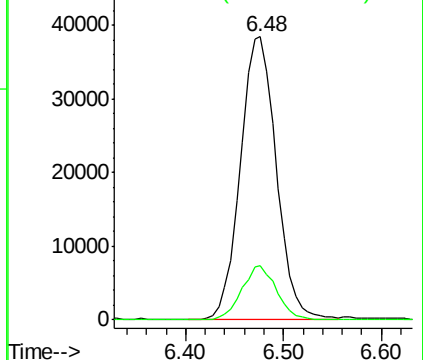
Ion Ratio Lower Upper

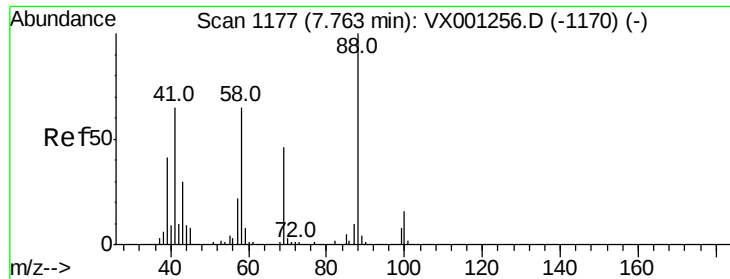
43 100

61 18.5 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0

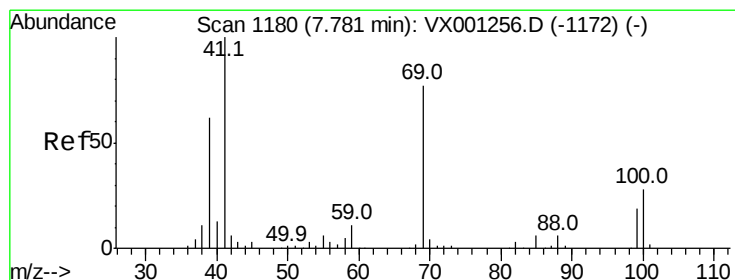
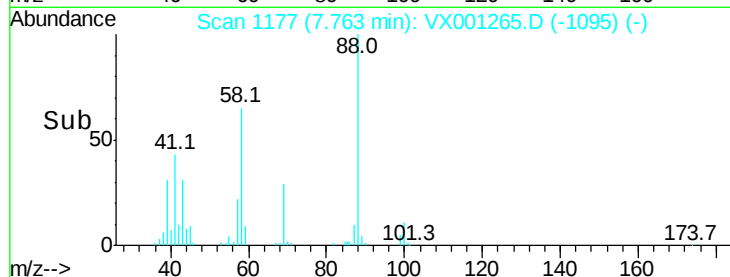
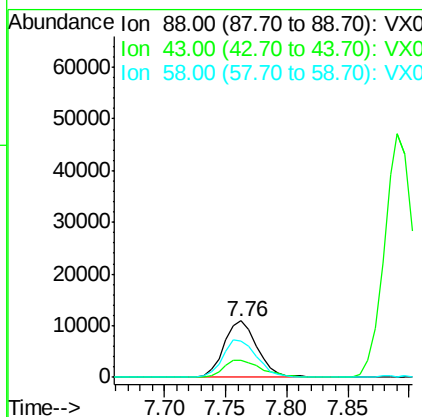
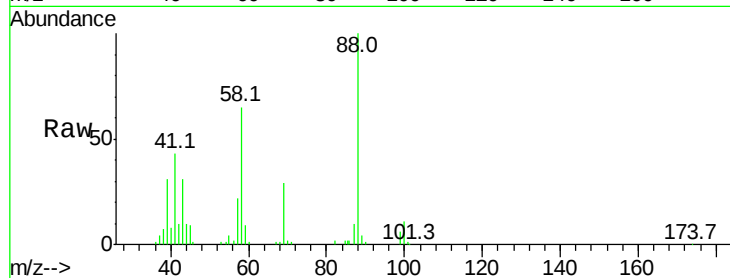




#45
 1,4-Dioxane
 Concen: 475.397 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

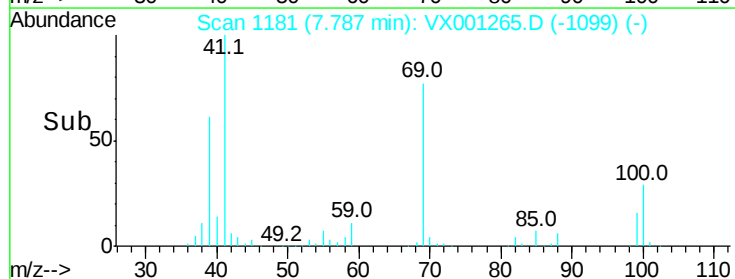
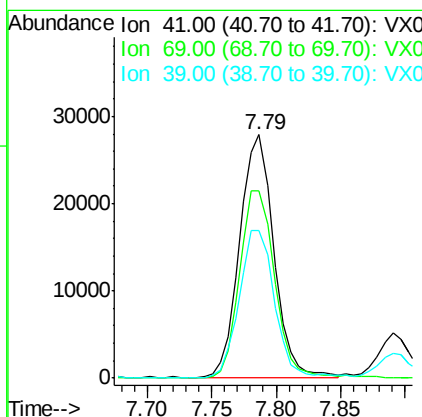
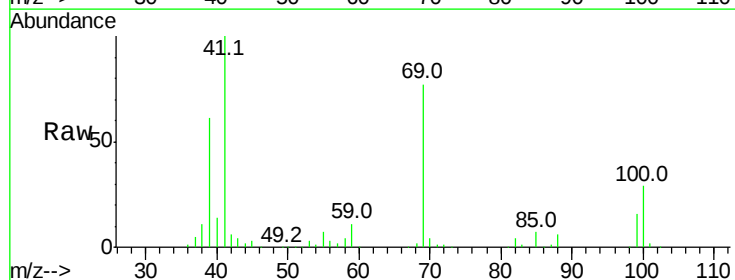
Instrument :
 MSVOA_X
 ClientSampled :

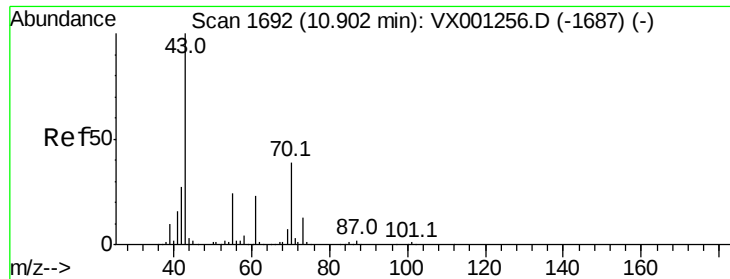
Tot Ion: 88 Resp: 20784
 Ion Ratio Lower Upper
 88 100
 43 36.0 26.8 40.2
 58 67.3 52.1 78.1



#46
 Methyl methacrylate
 Concen: 20.376 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Tgt Ion: 41 Resp: 50989
 Ion Ratio Lower Upper
 41 100
 69 77.4 45.5 136.5
 39 60.4 32.5 97.5

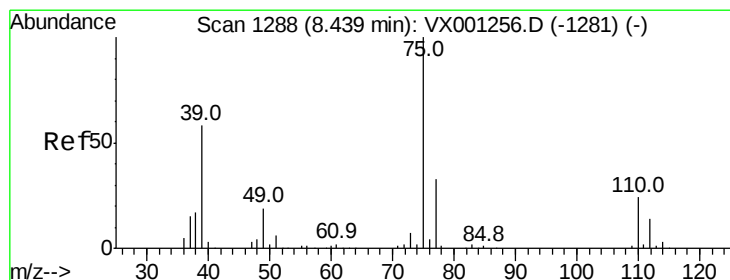
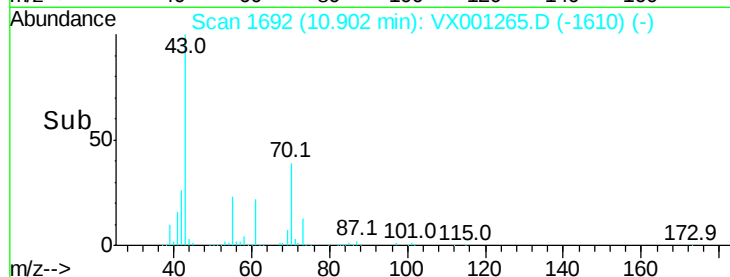
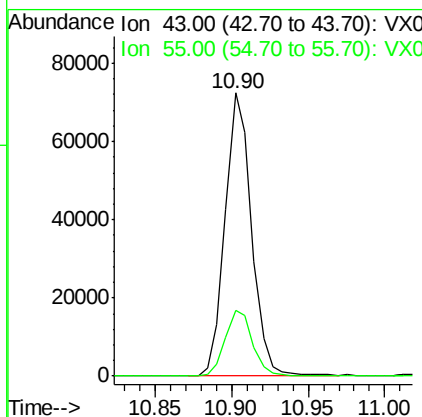
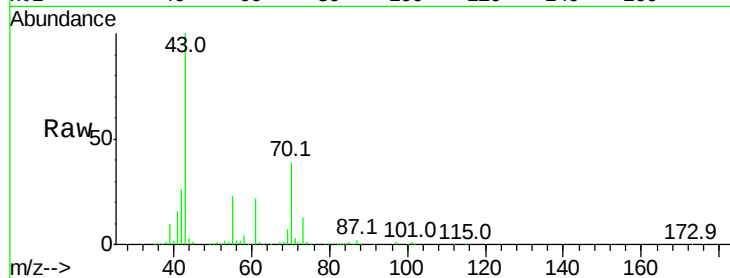




#47
 n-amvl Acetate
 Concen: 18.912 ug/l
 RT: 10.90 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

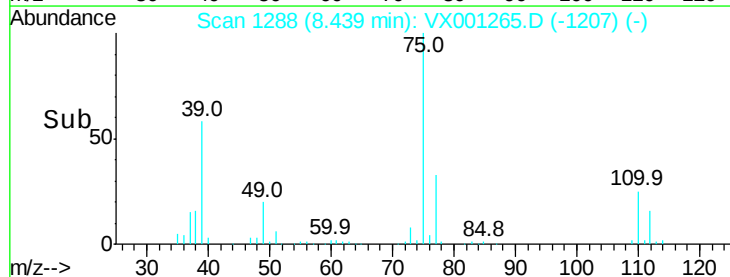
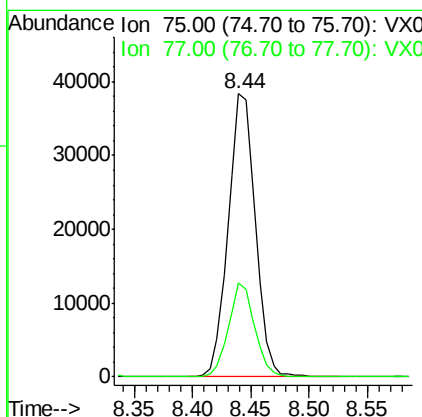
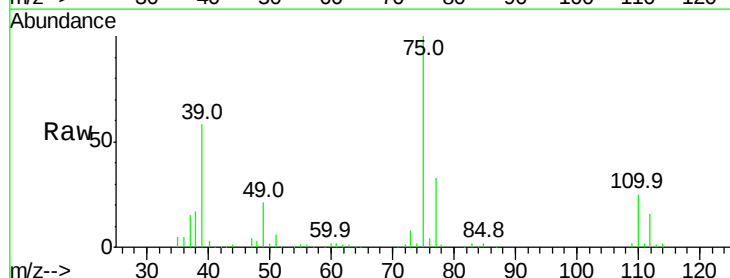
Instrument :
 MSVOA_X
 ClientSampleId :

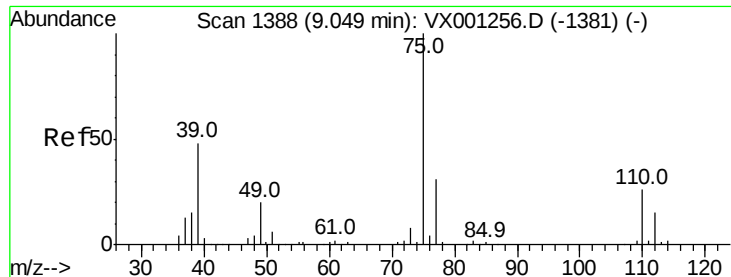
Tot Ion: 43 Resp: 87295
 Ion Ratio Lower Upper
 43 100
 55 24.1 19.4 29.2



#48
 t-1,3-Dichloropropene
 Concen: 18.511 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Tgt Ion: 75 Resp: 62339
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.6 37.0



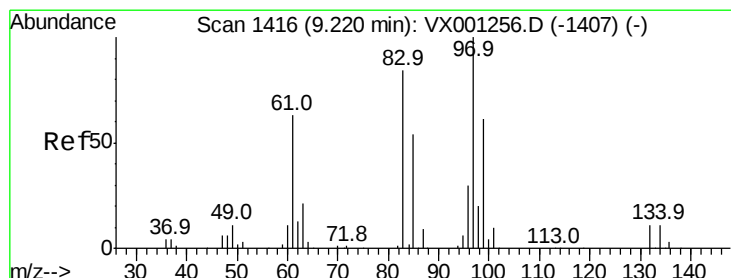
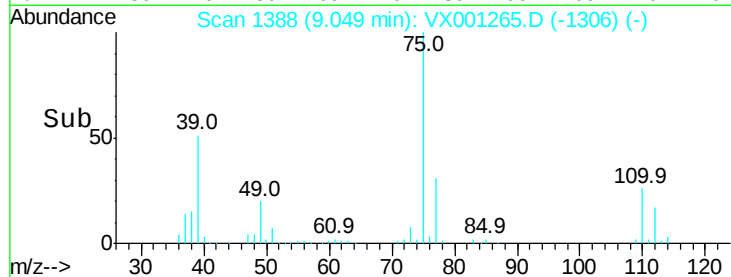
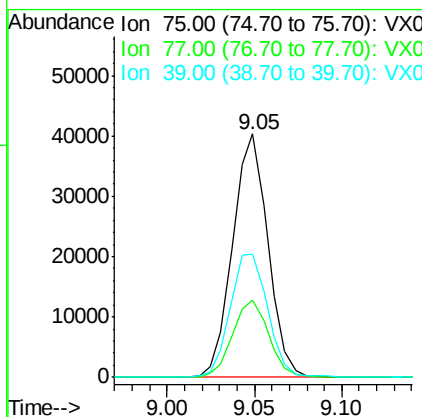
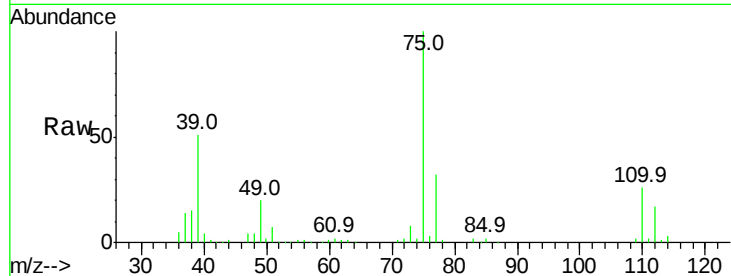


#49

cis-1,3-Dichloropropene
 Concen: 17.494 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Instrument :
 MSVOA_X
 ClientSampleId :

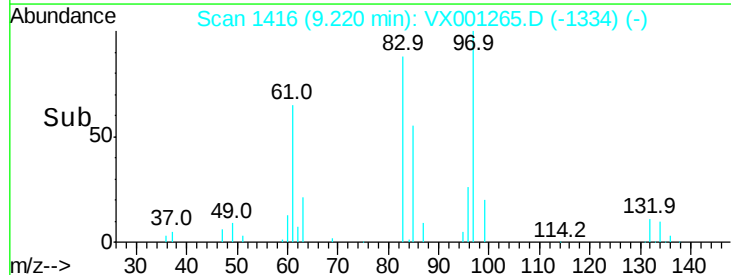
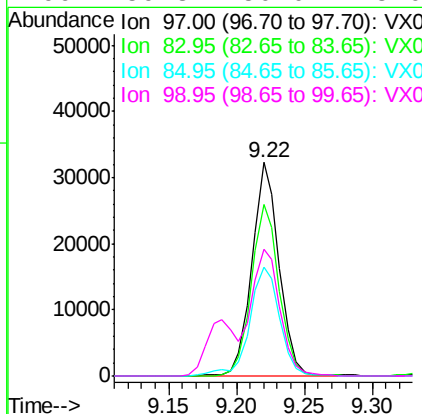
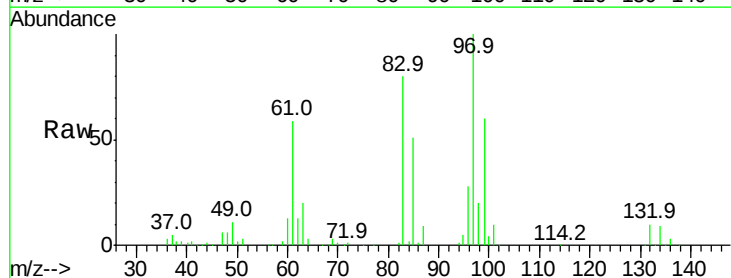
Tot Ion: 75 Resp: 56433
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.5 36.7
 39 50.5 35.6 53.4

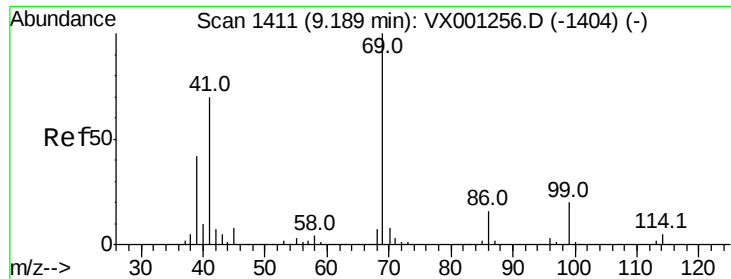


#50

1,1,2-Trichloroethane
 Concen: 20.130 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Tgt Ion: 97 Resp: 45272
 Ion Ratio Lower Upper
 97 100
 83 80.1 66.9 100.3
 85 50.8 44.4 66.6
 99 59.3 50.0 75.0





#51

Ethyl methacrylate

Concen: 19.443 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :
MSVOA_X
ClientSampleId :

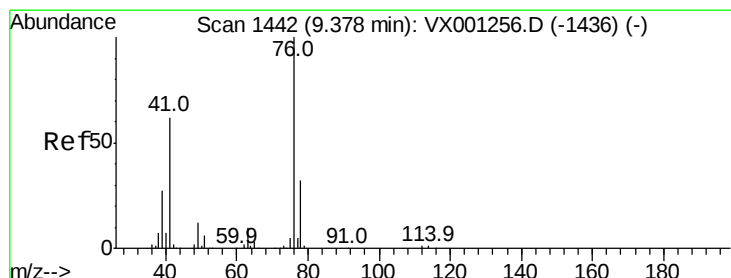
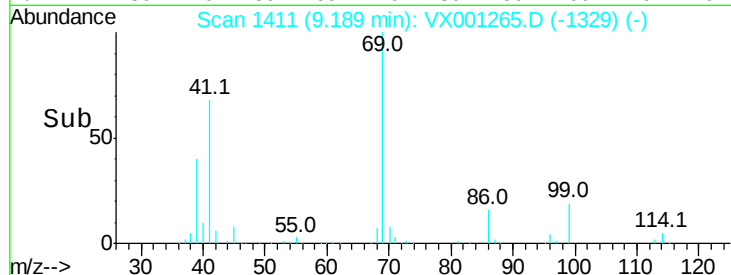
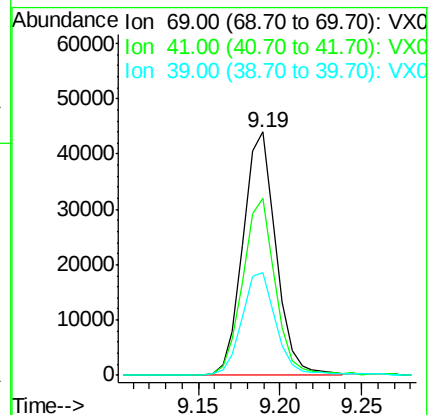
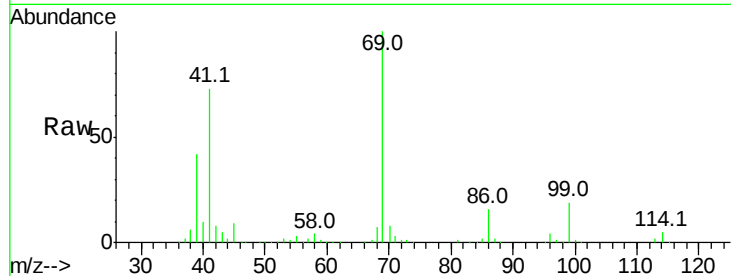
Tot Ion: 69 Resp: 62305

Ion Ratio Lower Upper

69 100

41 72.4 32.1 96.3

39 42.2 19.6 58.7



#52

1,3-Dichloropropane

Concen: 20.176 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001265.D

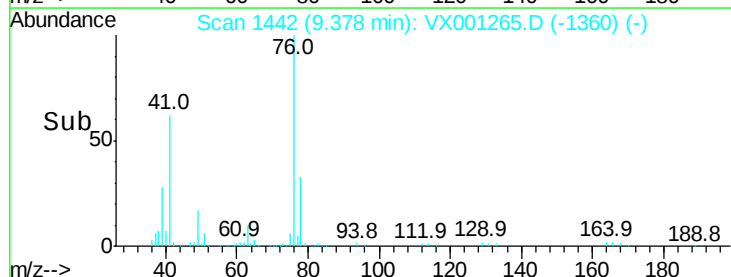
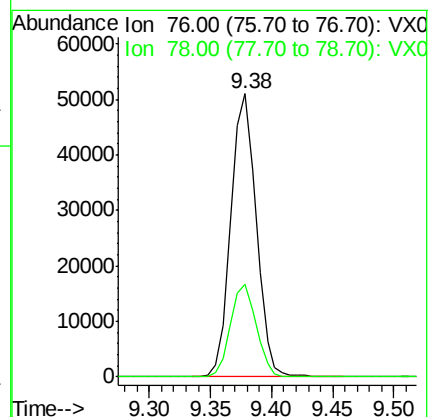
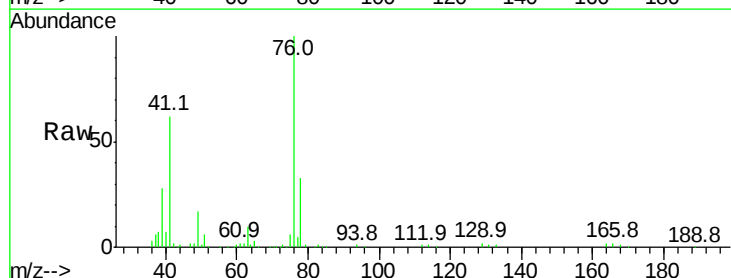
Acq: 30 Apr 2018 20:55

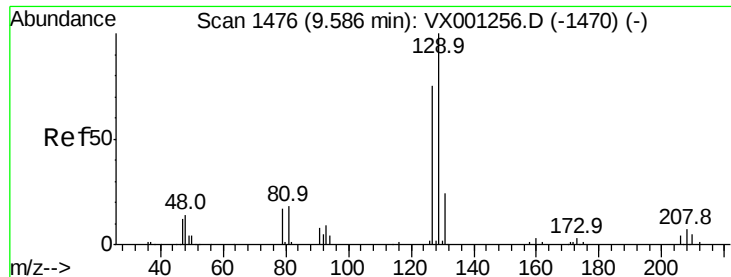
Tgt Ion: 76 Resp: 73347

Ion Ratio Lower Upper

76 100

78 33.1 0.0 65.0





#53

Dibromochloromethane

Concen: 18.172 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

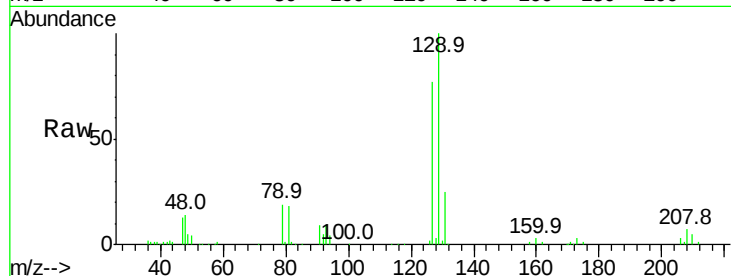
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 45107

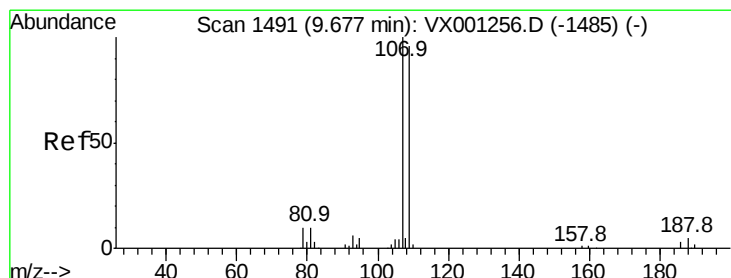
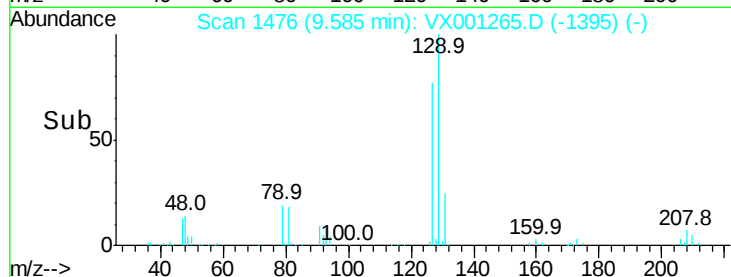
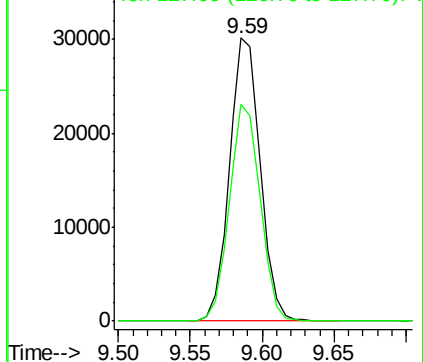
Ion Ratio Lower Upper

129 100

127 77.0 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.120 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001265.D

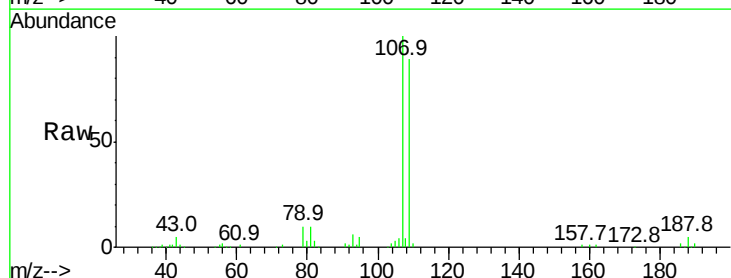
Acq: 30 Apr 2018 20:55

Tgt Ion:107 Resp: 48431

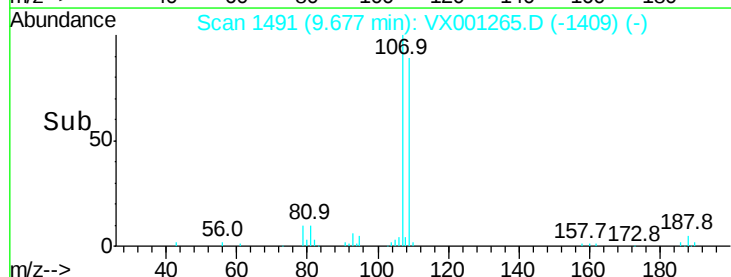
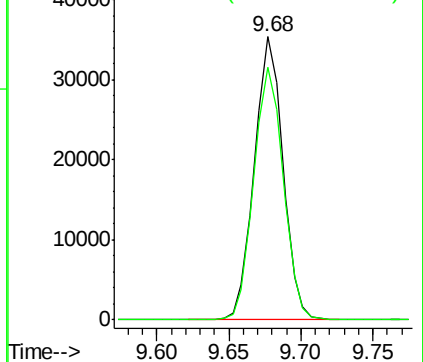
Ion Ratio Lower Upper

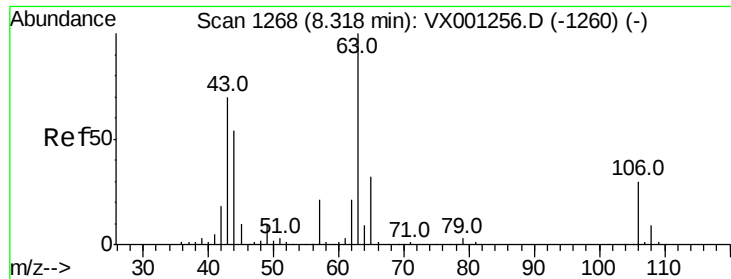
107 100

109 92.3 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

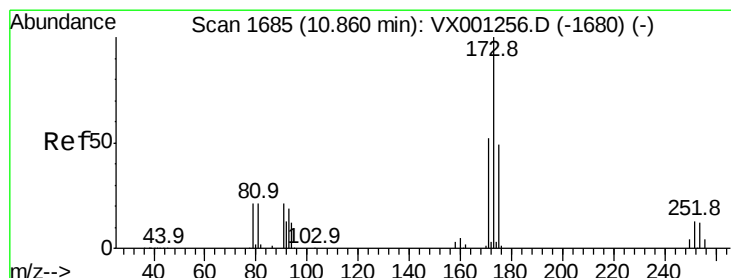
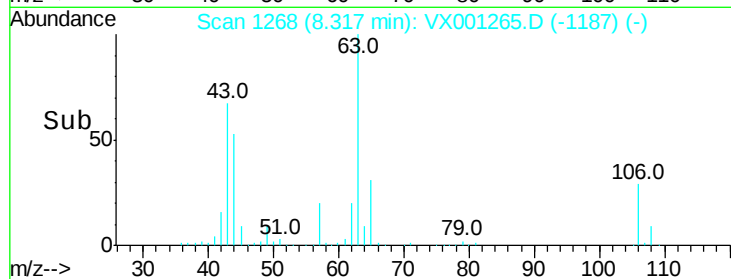
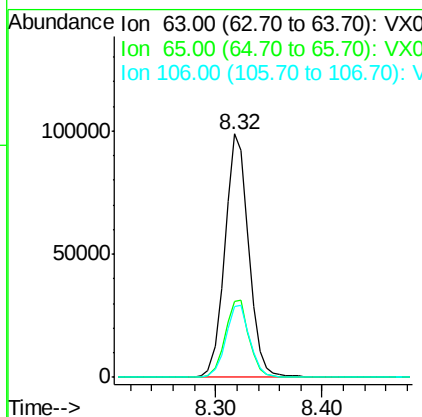
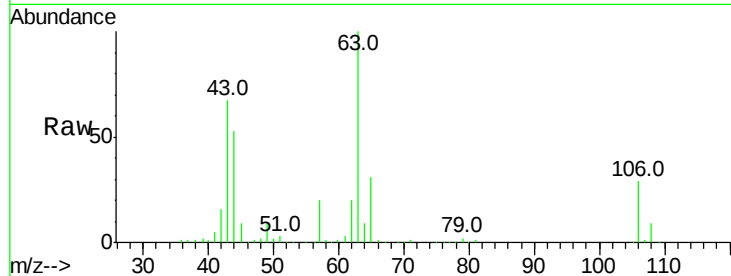




#55
2-Chloroethyl vinyl ether
Concen: 98.719 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

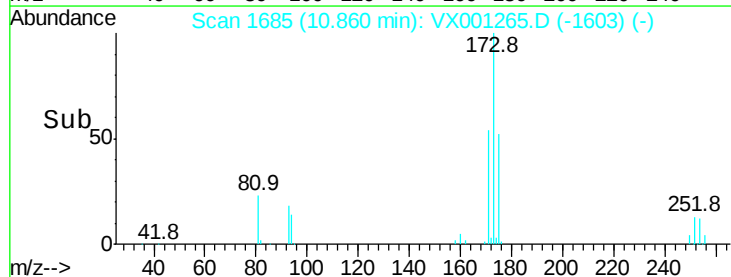
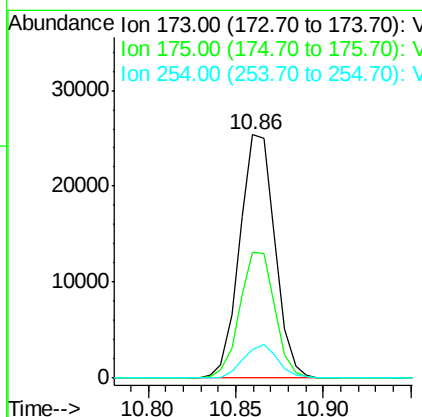
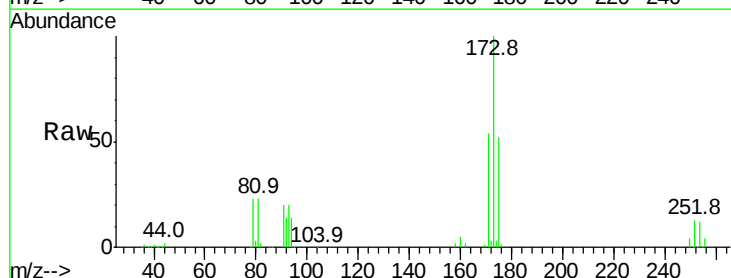
Instrument :
MSVOA_X
ClientSampleId :

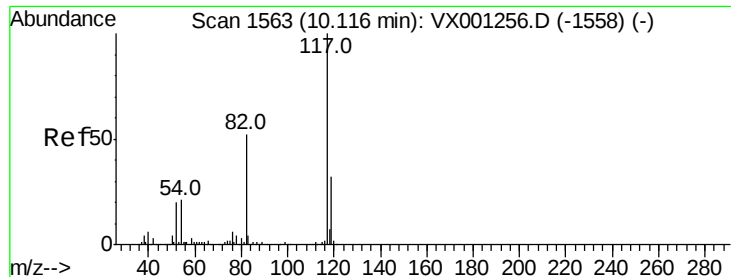
Tot Ion: 63 Resp: 154963
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.8
106 29.9 23.8 35.6



#56
Bromoform
Concen: 17.481 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Tgt Ion:173 Resp: 35514
Ion Ratio Lower Upper
173 100
175 51.1 39.0 58.4
254 13.2 7.0 10.4#

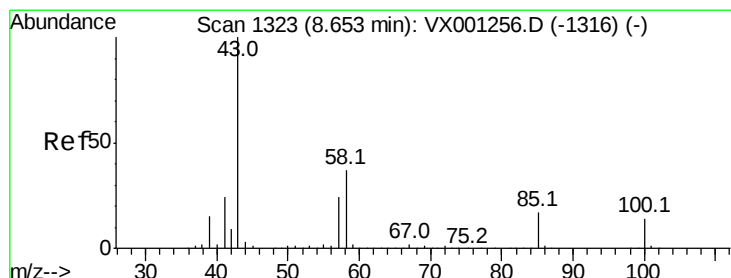
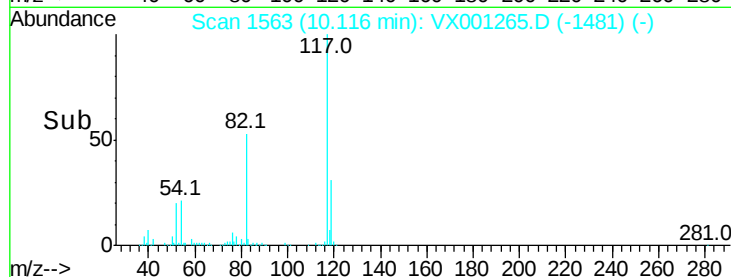
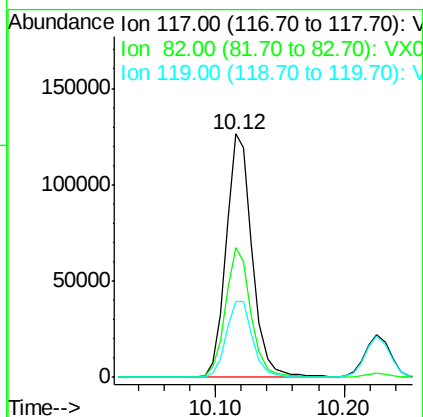
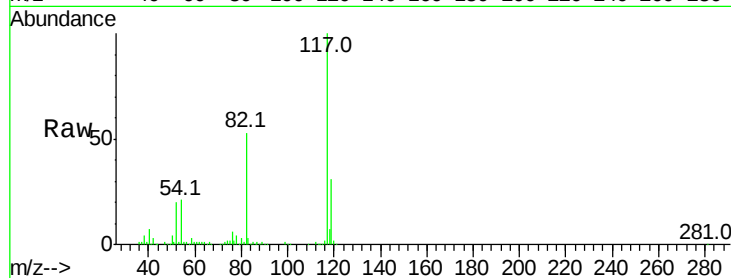




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

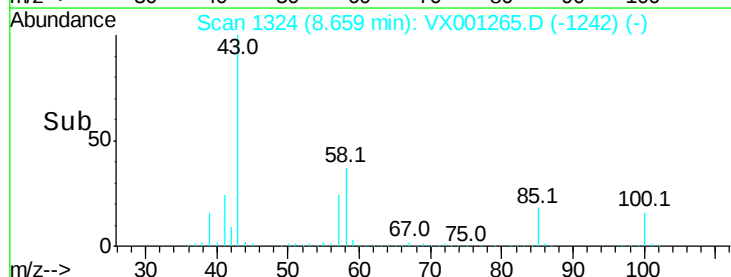
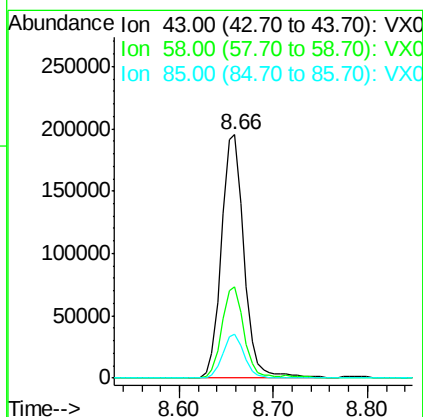
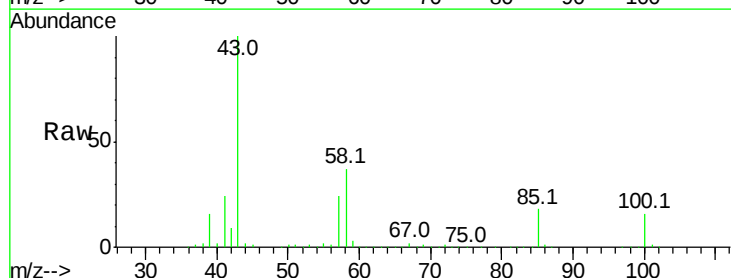
Instrument :
MSVOA_X
ClientSampleId :

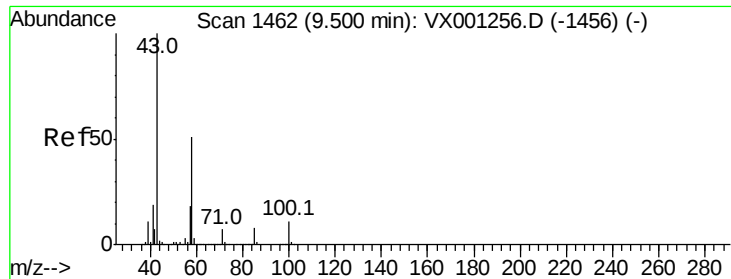
Tot Ion:117 Resp: 179042
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.2 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 109.628 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Tgt Ion: 43 Resp: 325770
Ion Ratio Lower Upper
43 100
58 36.1 29.8 44.8
85 17.5 14.9 22.3

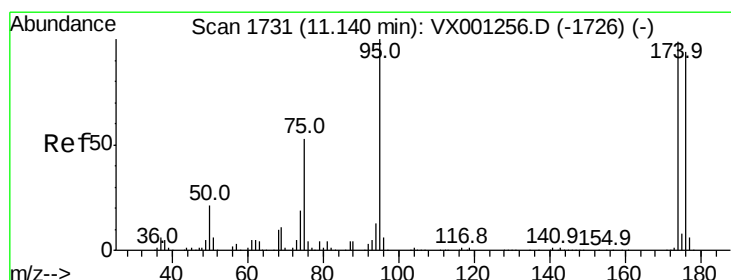
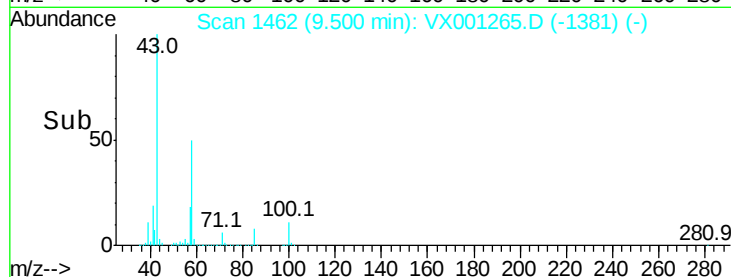
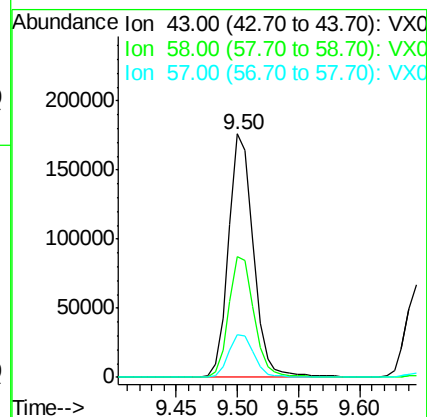
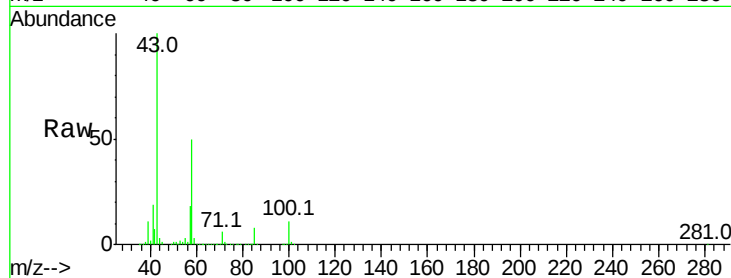




#59
2-Hexanone
Concen: 107.016 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

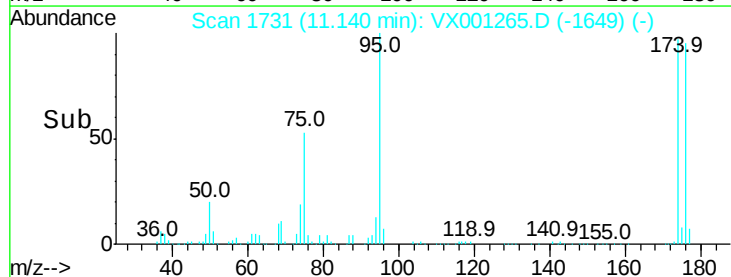
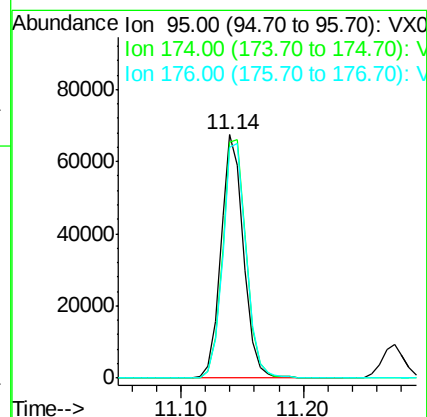
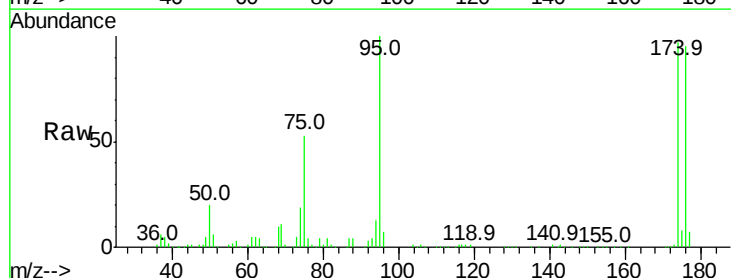
Instrument :
MSVOA_X
ClientSampleId :

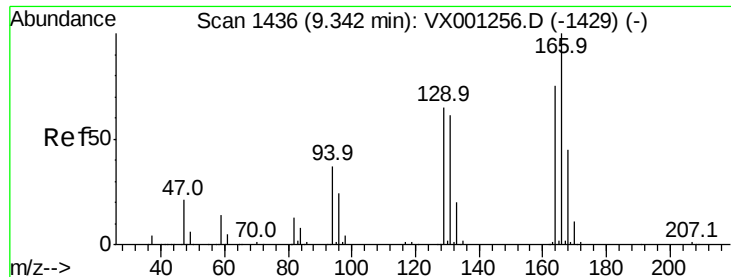
Tot Ion: 43 Resp: 247772
Ion Ratio Lower Upper
43 100
58 50.9 43.0 64.6
57 17.8 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.970 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Tgt Ion: 95 Resp: 86898
Ion Ratio Lower Upper
95 100
174 101.5 71.1 106.7
176 100.1 69.3 103.9





#61

Tetrachloroethene

Concen: 21.722 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 59601

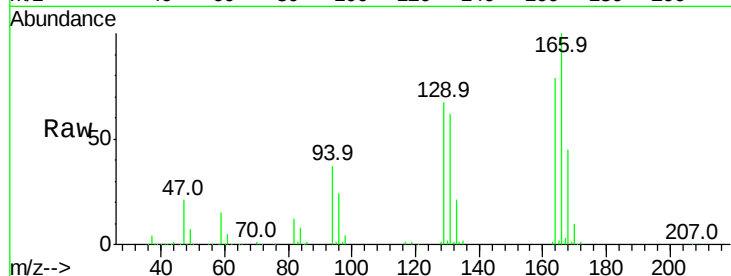
Ion Ratio Lower Upper

164 100

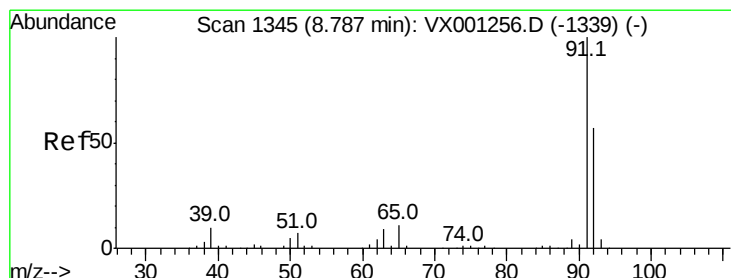
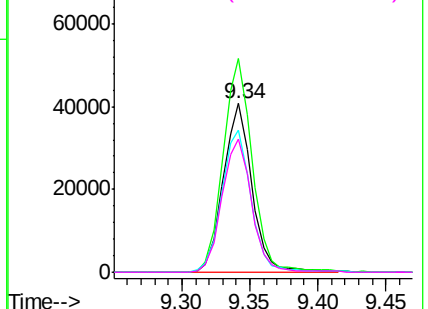
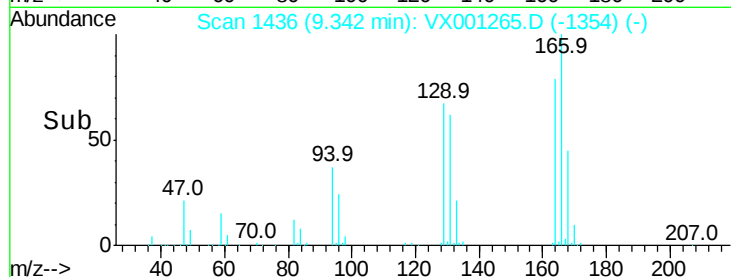
166 126.7 99.0 148.4

129 84.4 77.0 115.6

131 79.1 75.8 113.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.356 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001265.D

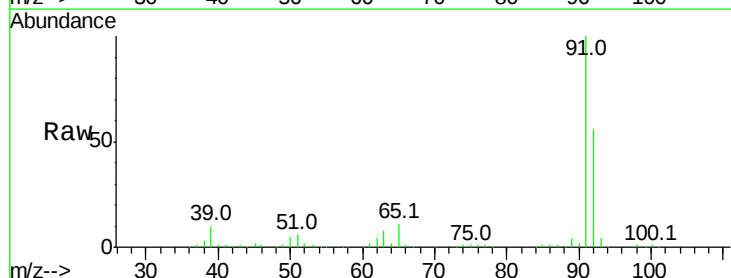
Acq: 30 Apr 2018 20:55

Tgt Ion: 91 Resp: 195875

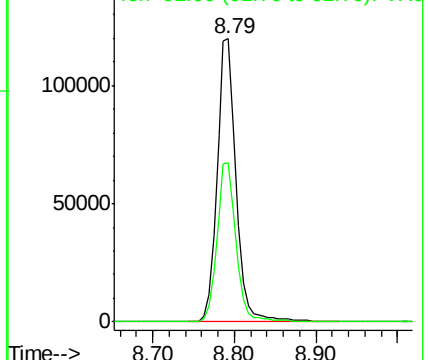
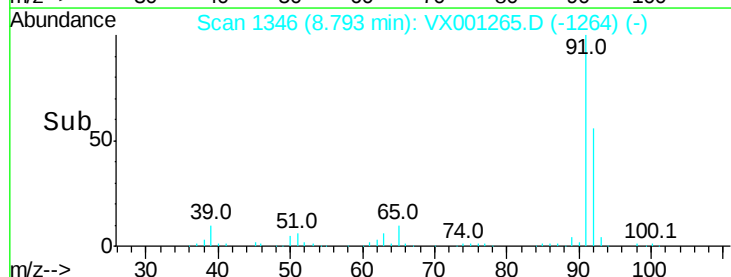
Ion Ratio Lower Upper

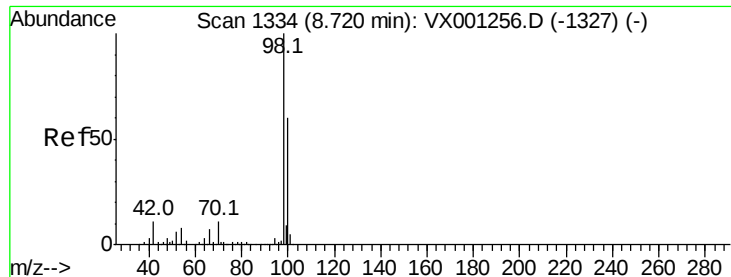
91 100

92 56.7 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.823 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

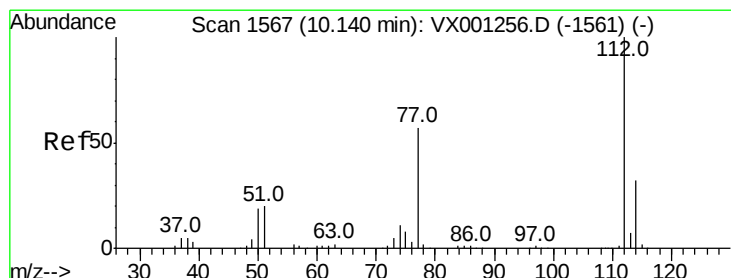
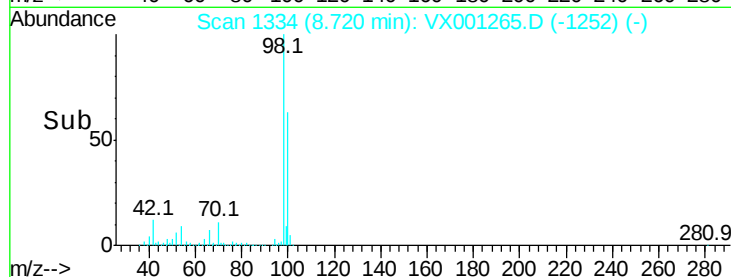
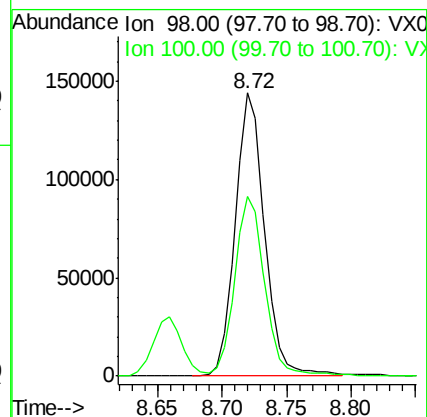
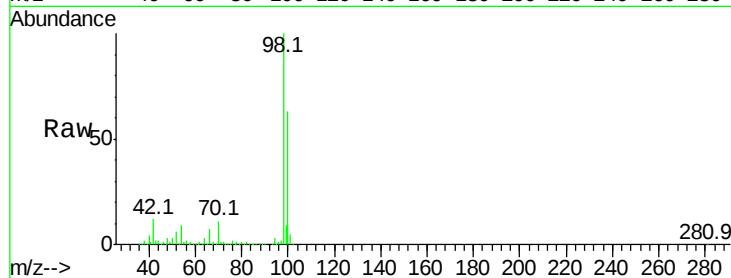
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 228979

Ion Ratio Lower Upper

98 100

100 65.1 50.0 75.0



#64

Chlorobenzene

Concen: 20.013 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001265.D

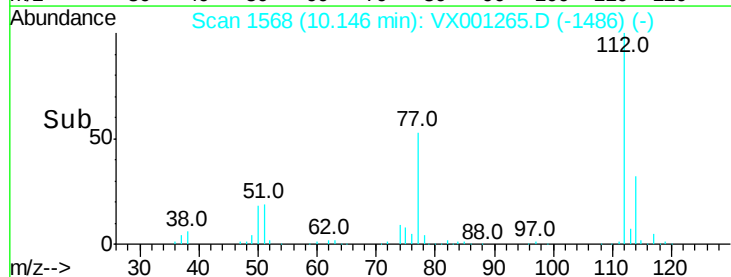
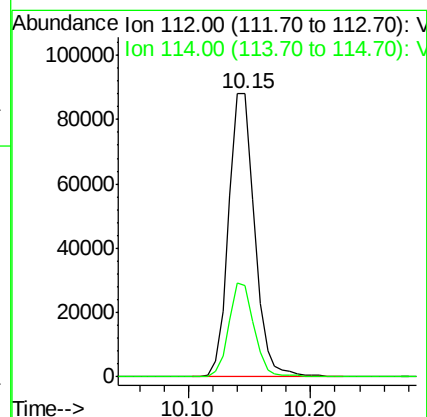
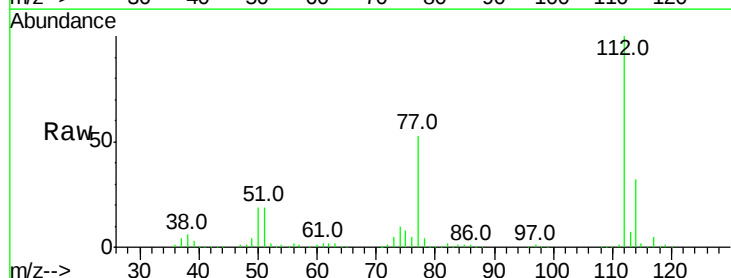
Acq: 30 Apr 2018 20:55

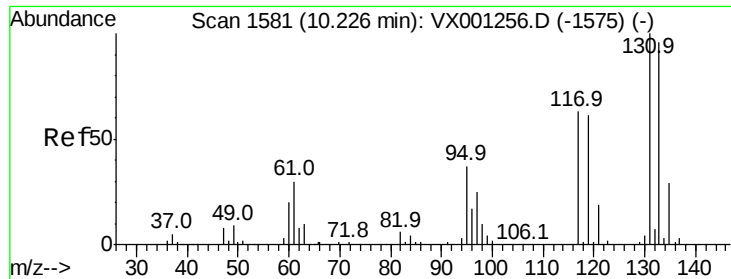
Tgt Ion: 112 Resp: 129925

Ion Ratio Lower Upper

112 100

114 32.4 26.4 39.6

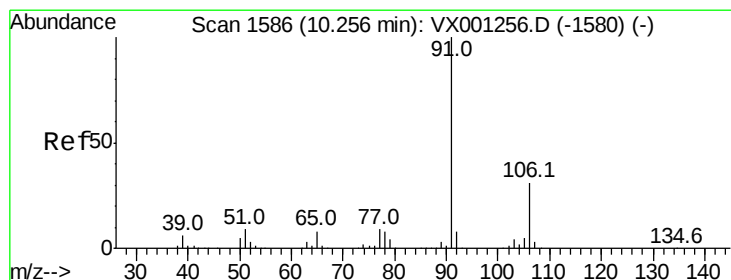
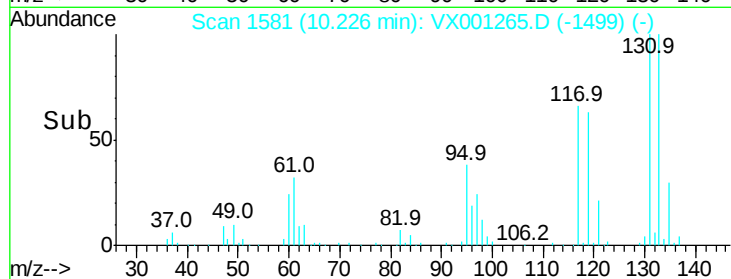
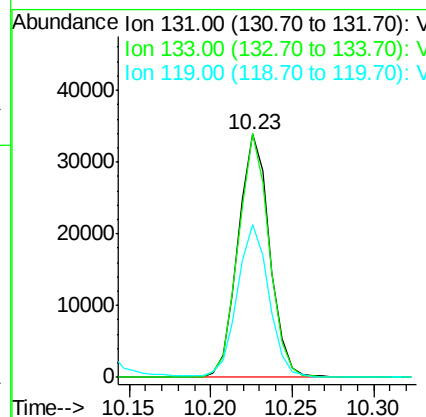
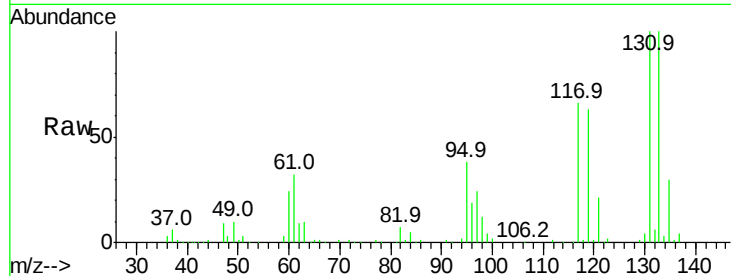




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.255 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

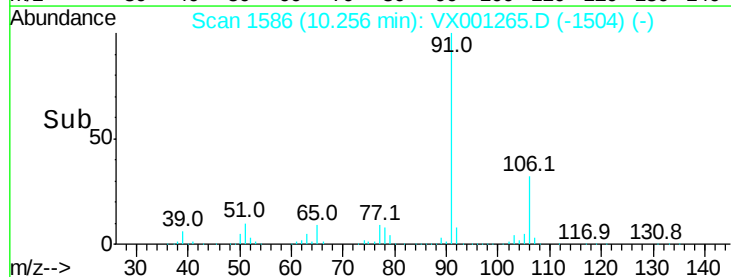
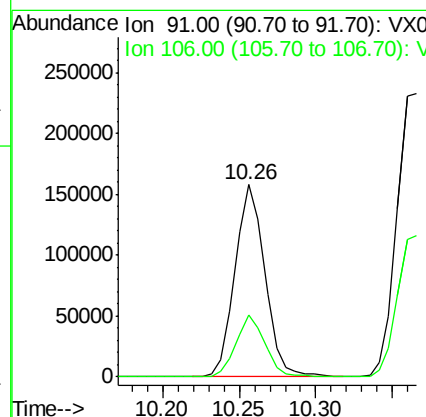
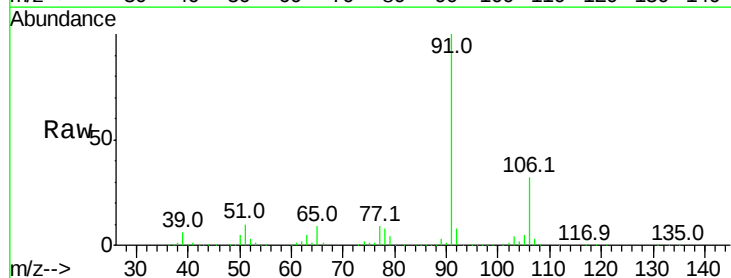
Instrument :
 MSVOA_X
 ClientSampleId :

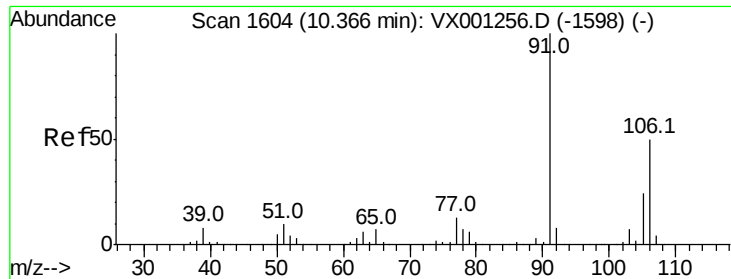
Tot Ion:131 Resp: 45641
 Ion Ratio Lower Upper
 131 100
 133 97.4 0.0 187.6
 119 63.5 0.0 134.0



#66
 Ethyl Benzene
 Concen: 20.015 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Tgt Ion: 91 Resp: 214979
 Ion Ratio Lower Upper
 91 100
 106 32.2 25.9 38.9

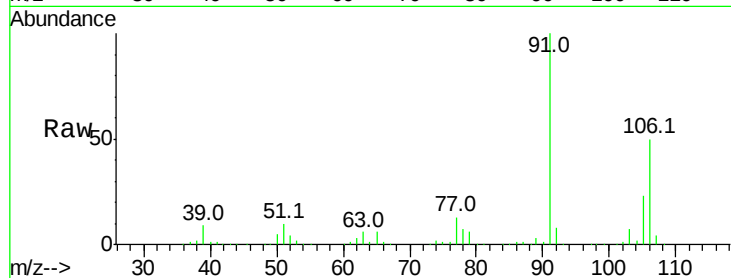




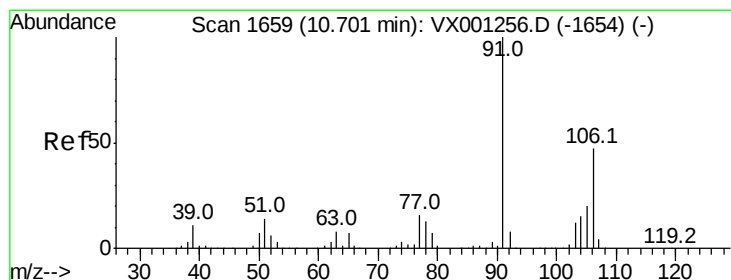
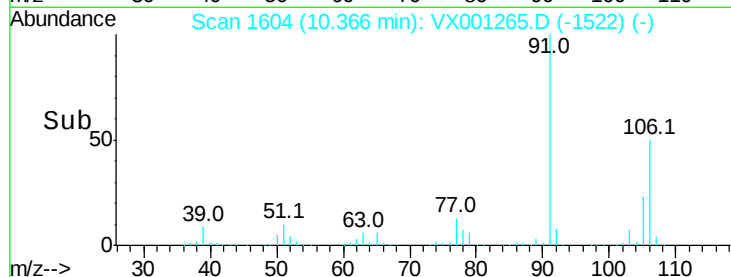
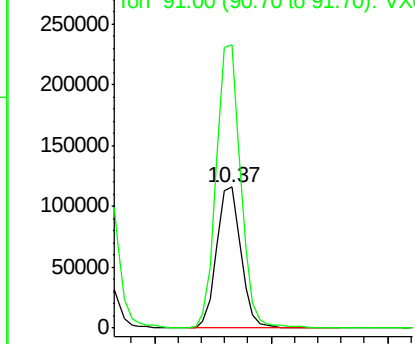
#67
m/p-Xvlenes
Concen: 39.418 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 168171
Ion Ratio Lower Upper
106 100
91 200.5 161.6 242.4

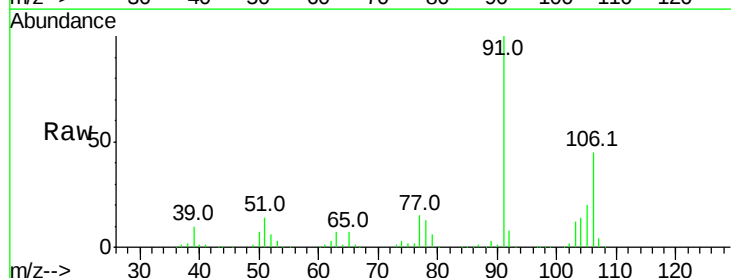


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

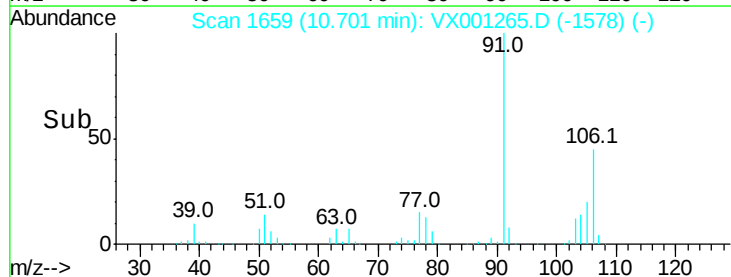
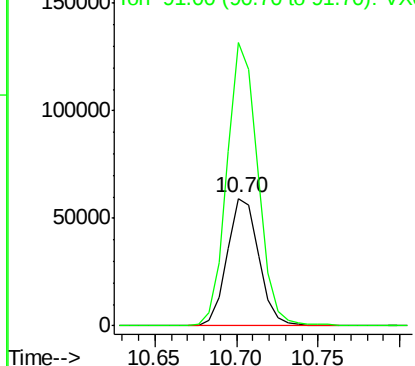


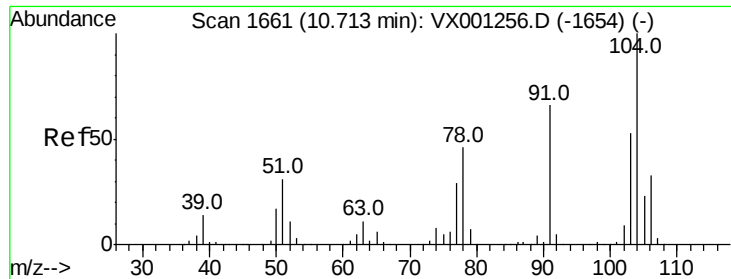
#68
o-Xylene
Concen: 19.454 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Tgt Ion:106 Resp: 80222
Ion Ratio Lower Upper
106 100
91 215.1 105.6 316.8



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

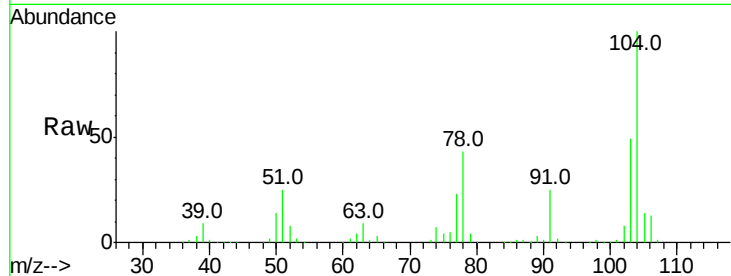




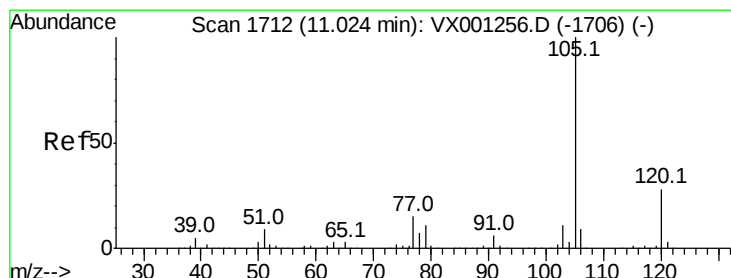
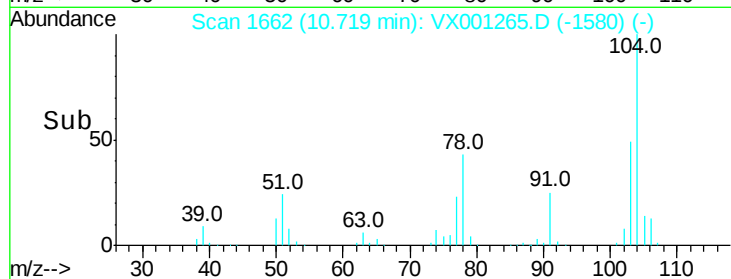
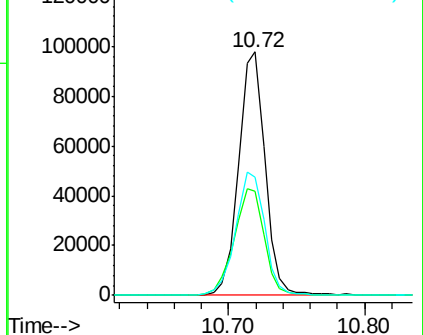
#69
Stvrene
Concen: 19.311 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:104 Resp: 132541
Ion Ratio Lower Upper
104 100
78 49.9 39.0 58.4
103 56.0 44.7 67.1

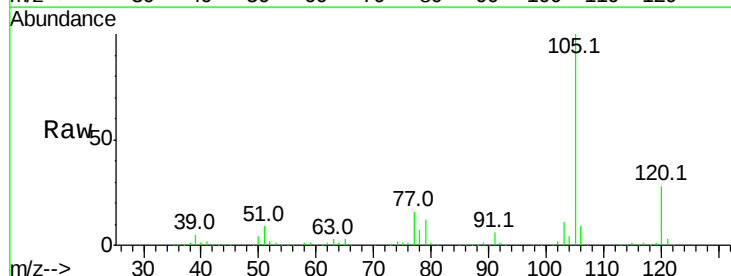


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX
Ion 103.00 (102.70 to 103.70): V

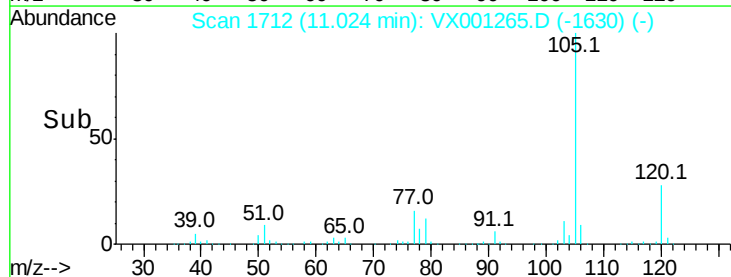
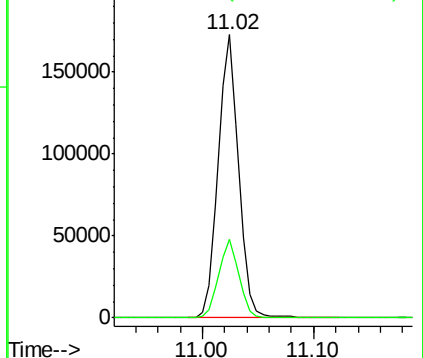


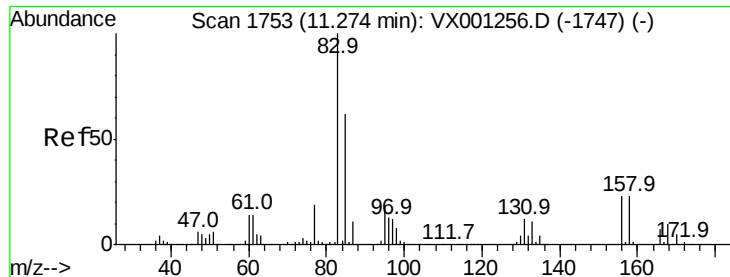
#70
Isopropylbenzene
Concen: 19.578 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Tgt Ion:105 Resp: 219242
Ion Ratio Lower Upper
105 100
120 27.6 18.8 35.0



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

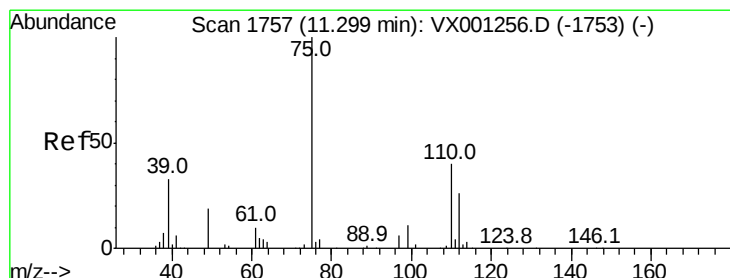
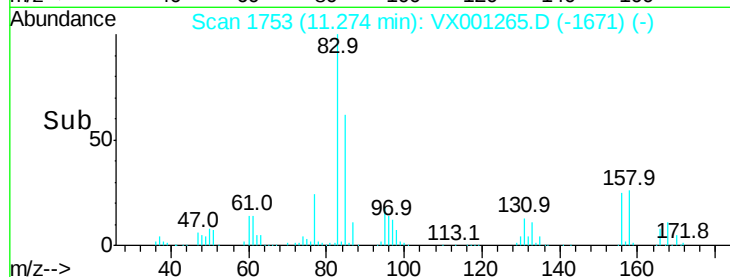
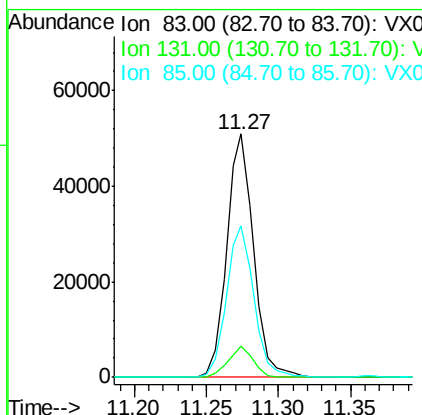
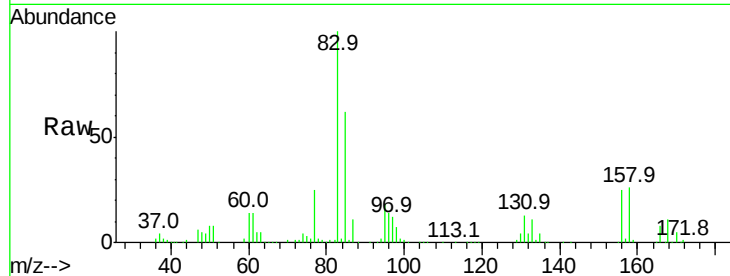




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.305 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

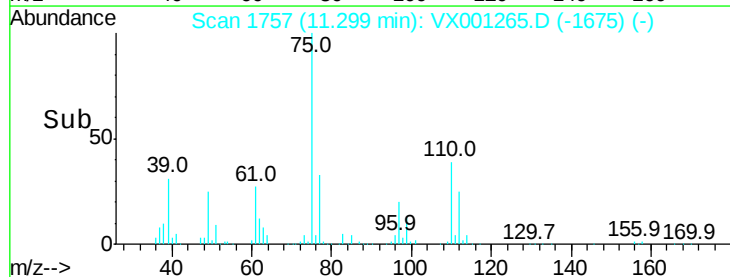
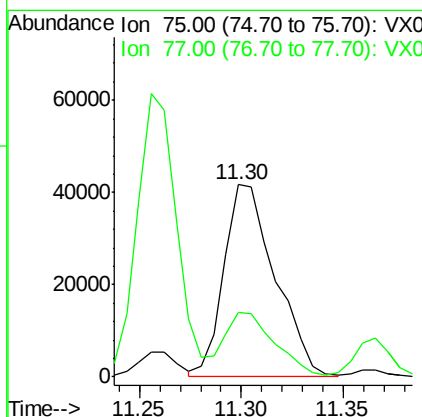
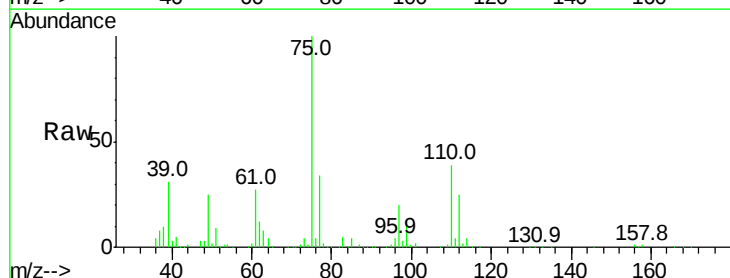
Instrument :
 MSVOA_X
 ClientSampleId :

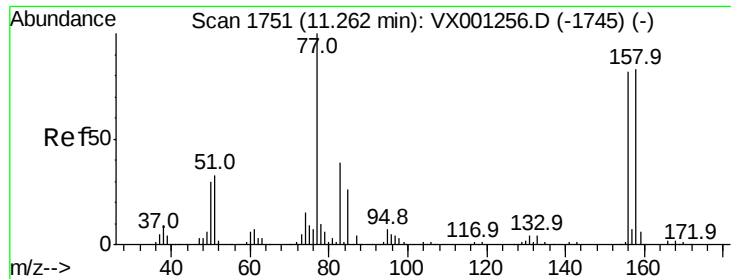
Tot Ion: 83 Resp: 66694
 Ion Ratio Lower Upper
 83 100
 131 11.9 5.3 16.1
 85 64.1 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 24.759 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Tgt Ion: 75 Resp: 72778
 Ion Ratio Lower Upper
 75 100
 77 33.6 0.0 85.8





#73

Bromobenzene

Concen: 19.736 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

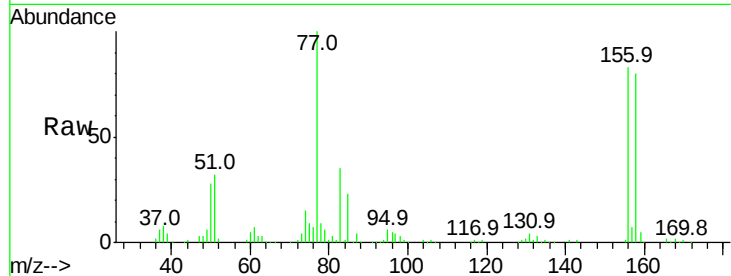
Tot Ion:156 Resp: 64228

Ion Ratio Lower Upper

156 100

77 127.4 0.0 280.2

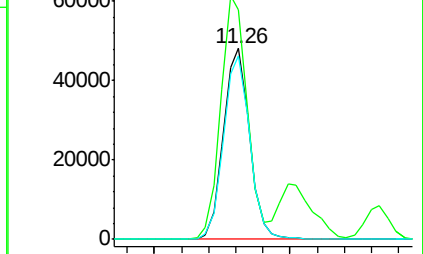
158 96.7 0.0 197.2



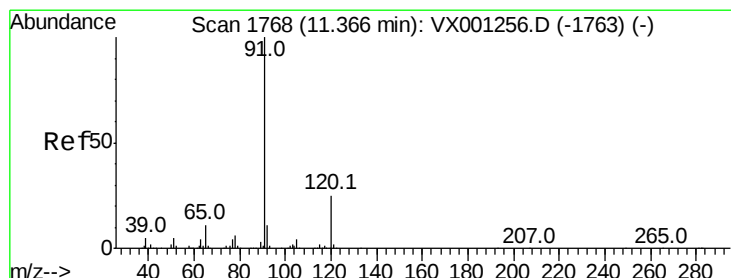
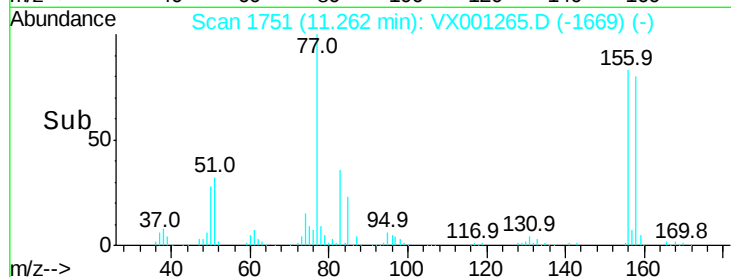
Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



Time-->



#74

n-propylbenzene

Concen: 19.865 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001265.D

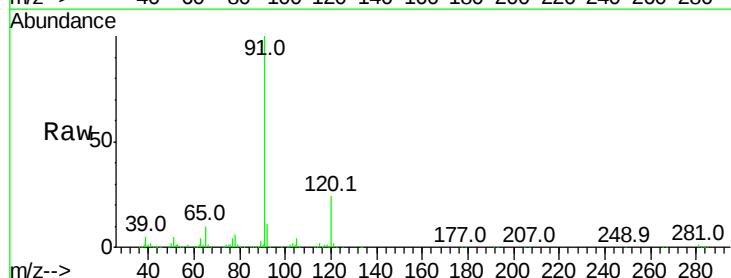
Acq: 30 Apr 2018 20:55

Tgt Ion: 91 Resp: 251263

Ion Ratio Lower Upper

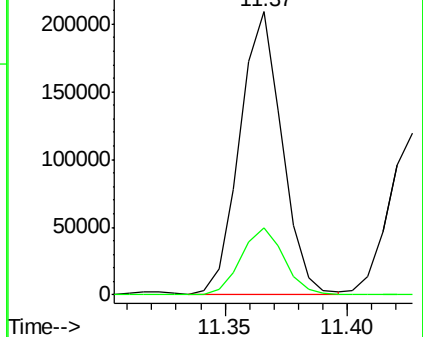
91 100

120 23.9 0.0 47.4

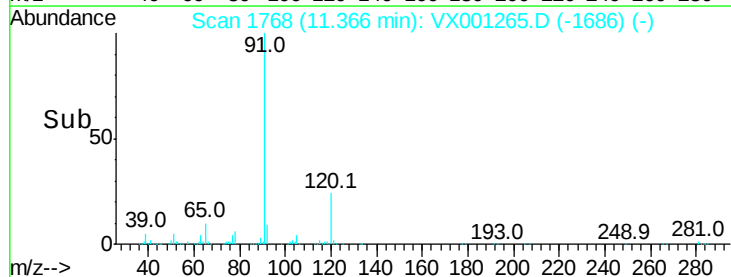


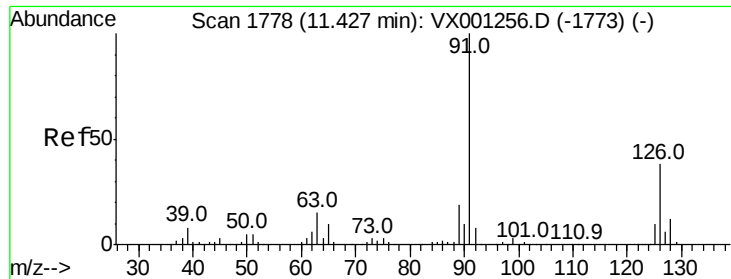
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->





#75

2-Chlorotoluene

Concen: 19.752 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :

MSVOA_X

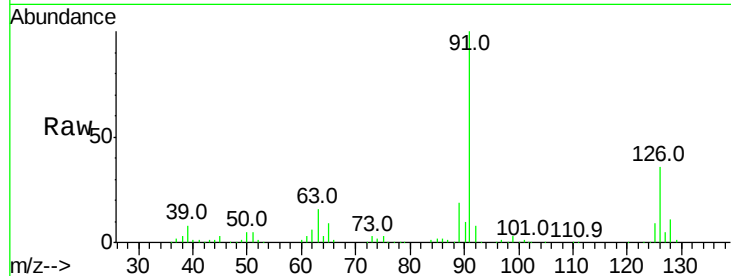
ClientSampled :

Tot Ion: 91 Resp: 150784

Ion Ratio Lower Upper

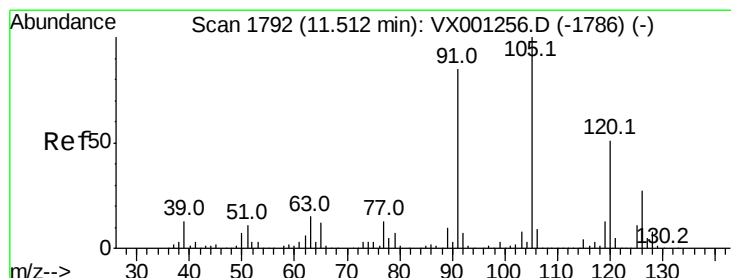
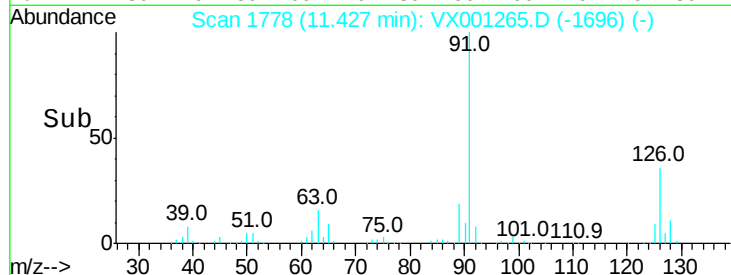
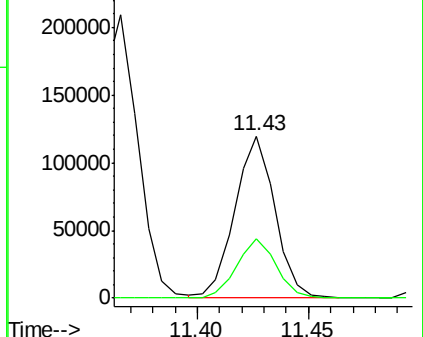
91 100

126 35.7 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX001256.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001256.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.576 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001265.D

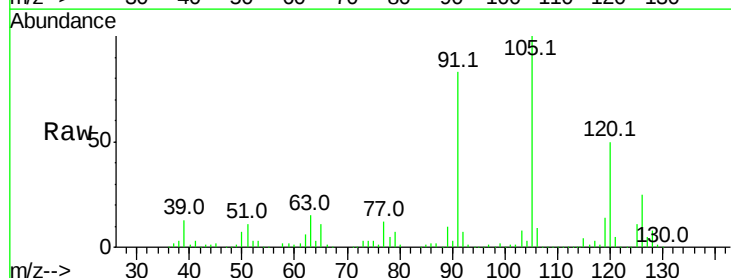
Acq: 30 Apr 2018 20:55

Tgt Ion: 105 Resp: 186789

Ion Ratio Lower Upper

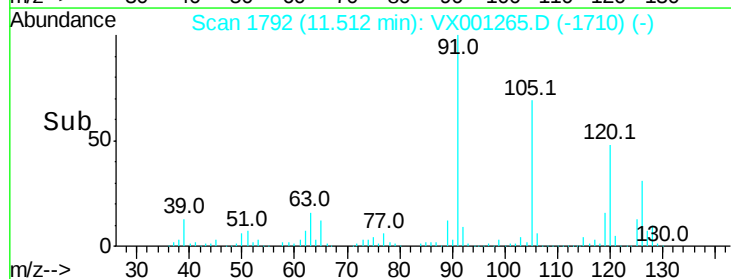
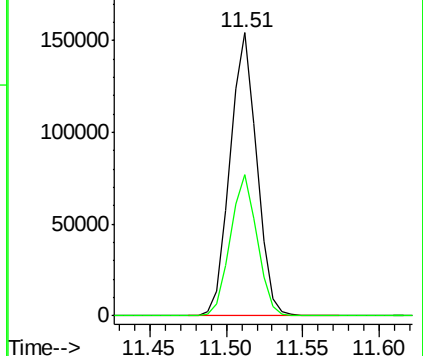
105 100

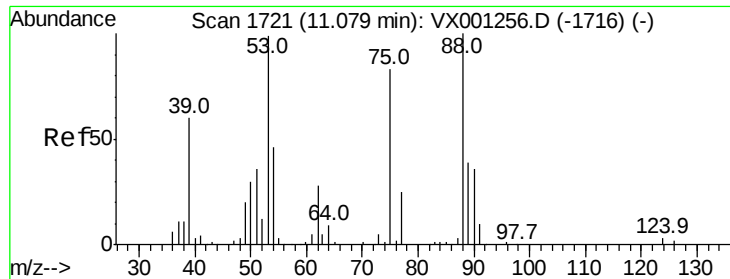
120 49.7 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX001256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001256.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 16.192 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

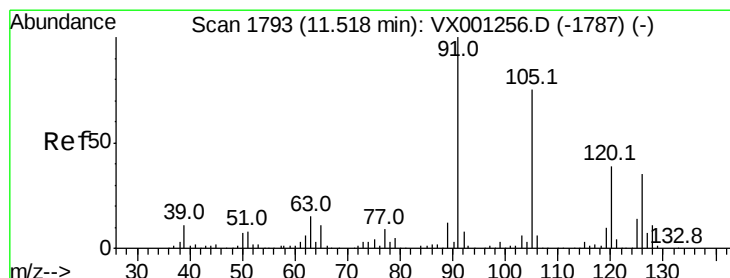
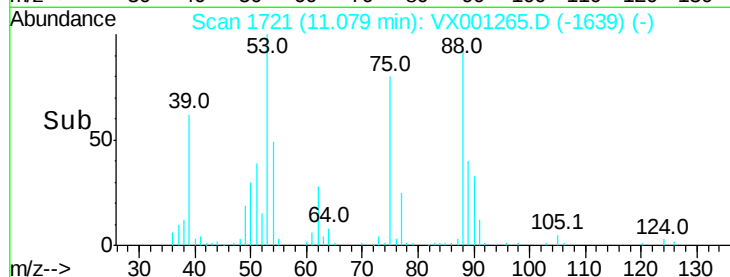
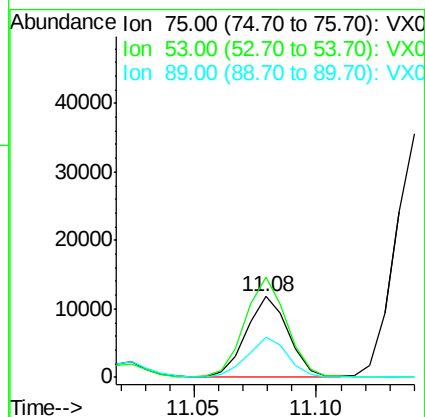
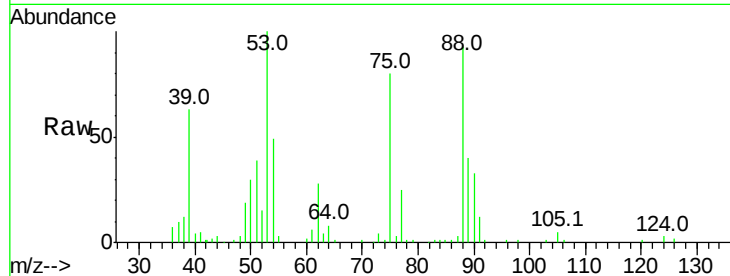
Tot Ion: 75 Resp: 14161

Ion Ratio Lower Upper

75 100

53 124.8 47.8 143.3

89 49.4 22.3 66.8



#78

4-Chlorotoluene

Concen: 19.135 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001265.D

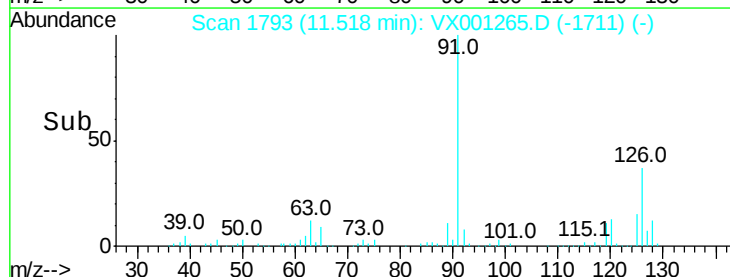
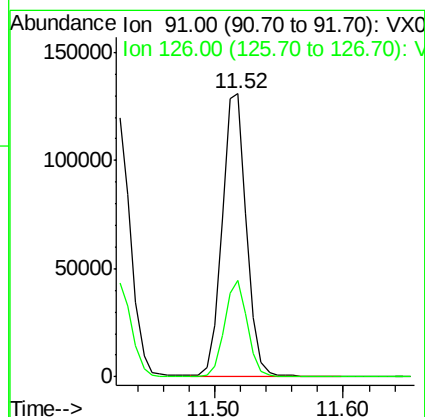
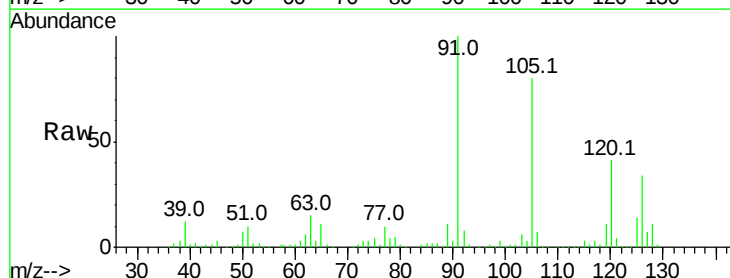
Acq: 30 Apr 2018 20:55

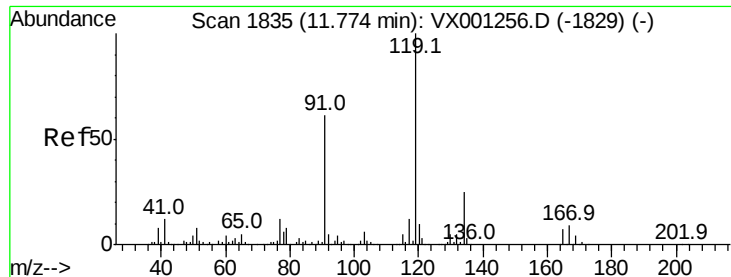
Tgt Ion: 91 Resp: 174218

Ion Ratio Lower Upper

91 100

126 32.2 0.0 63.4





#79

tert-butylbenzene

Concen: 19.937 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

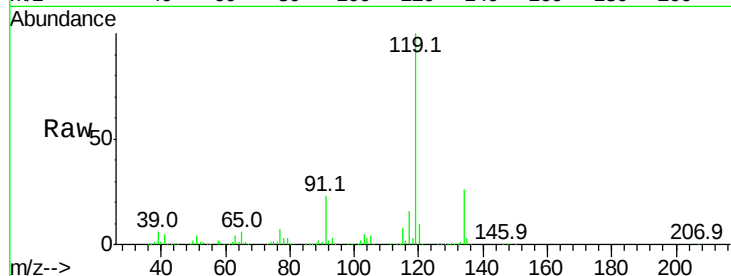
Tot Ion:119 Resp: 203556

Ion Ratio Lower Upper

119 100

91 23.0 0.0 51.6

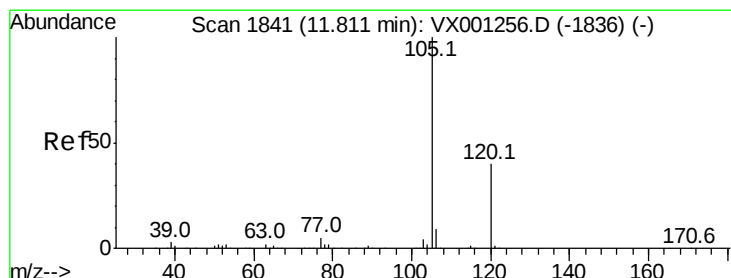
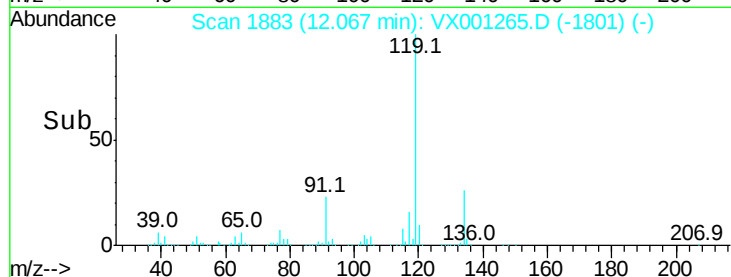
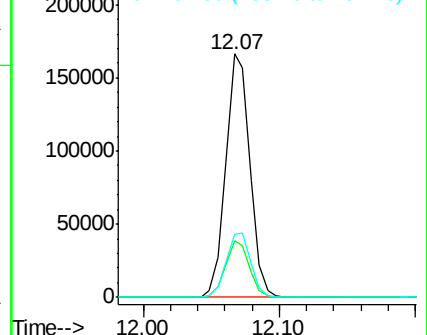
134 27.1 0.0 60.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.918 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX001265.D

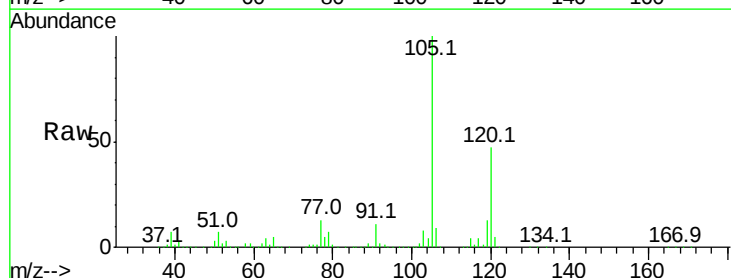
Acq: 30 Apr 2018 20:55

Tgt Ion:105 Resp: 193425

Ion Ratio Lower Upper

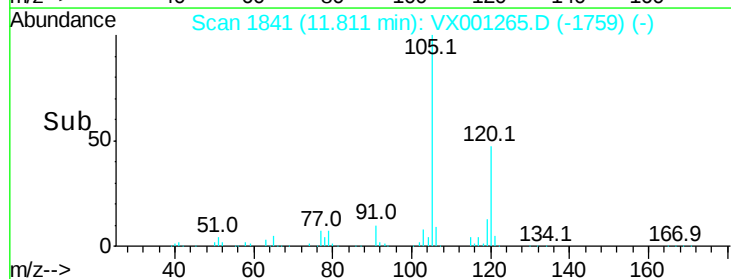
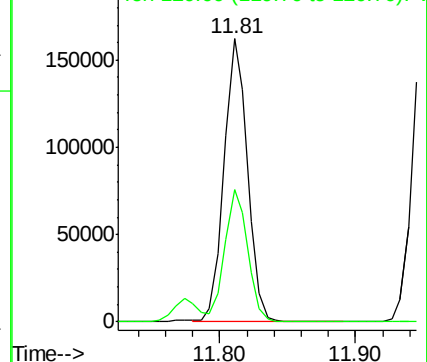
105 100

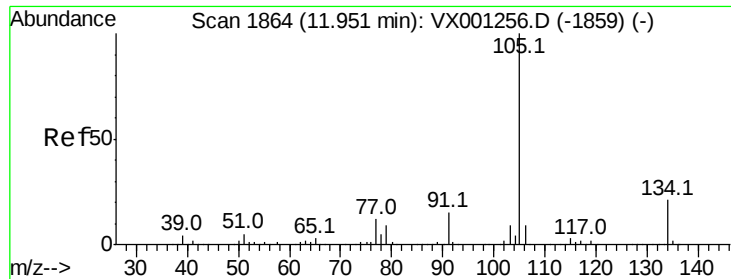
120 45.5 0.0 93.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

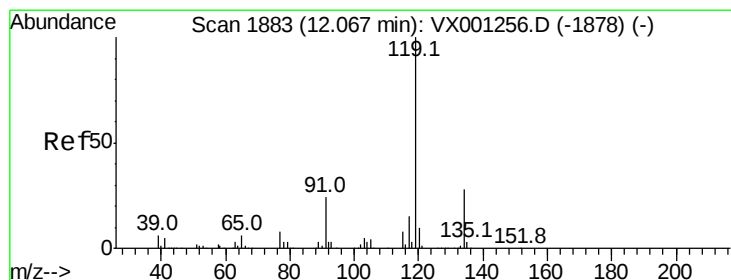
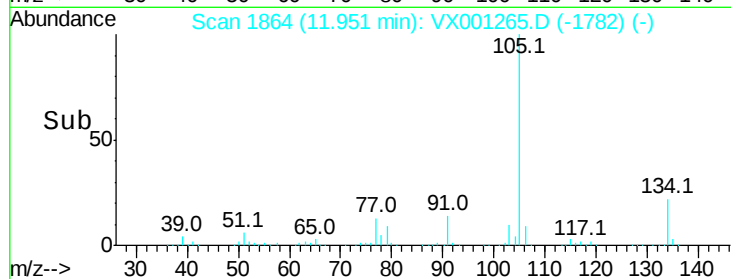
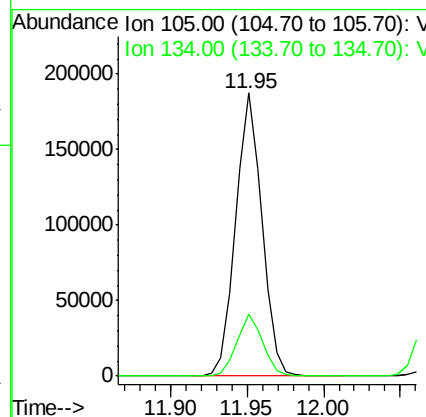
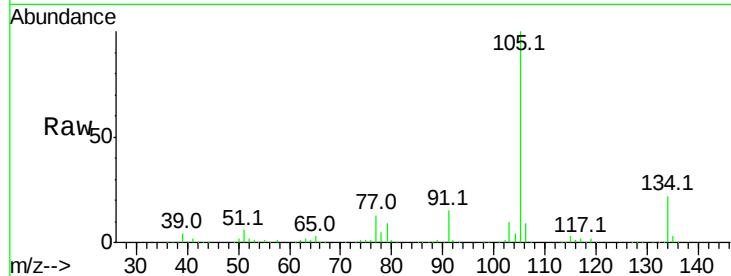




#81
 sec-Butylbenzene
 Concen: 20.141 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

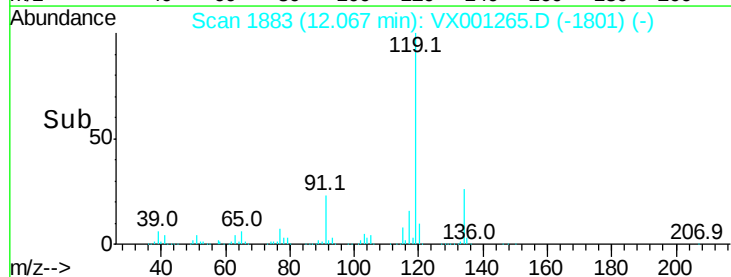
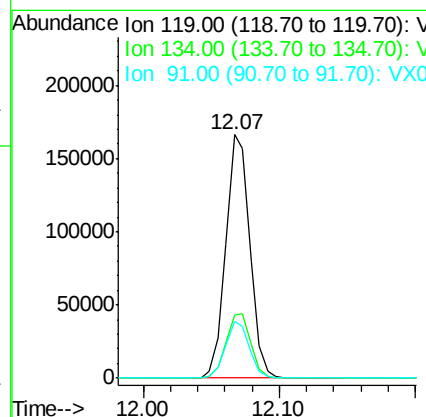
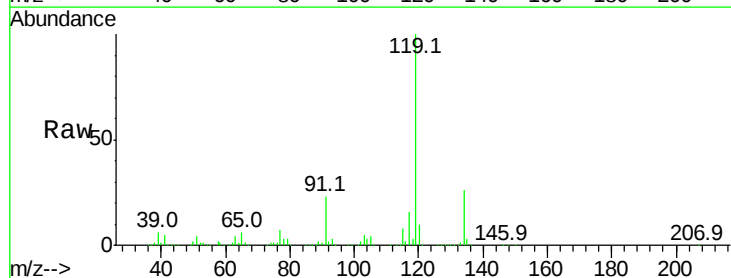
Instrument :
 MSVOA_X
 ClientSampleId :

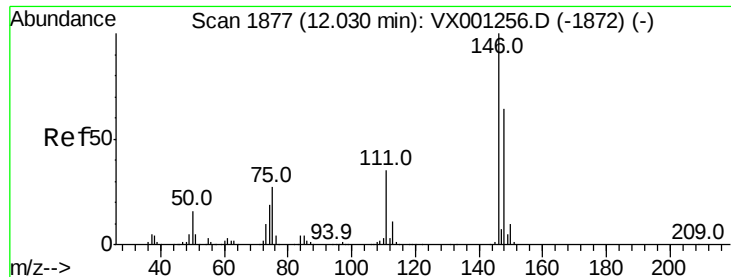
Tot Ion:105 Resp: 223149
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.937 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Tgt Ion:119 Resp: 203556
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 54.4
 91 23.0 0.0 46.6





#83

1,3-Dichlorobenzene

Concen: 19.483 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

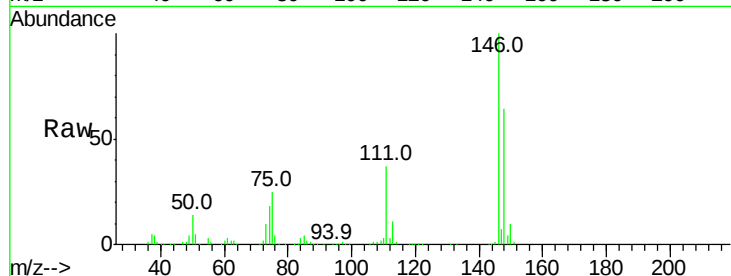
Tot Ion:146 Resp: 115606

Ion Ratio Lower Upper

146 100

111 36.3 19.4 58.2

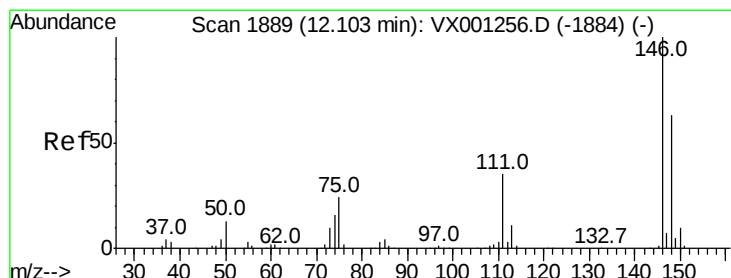
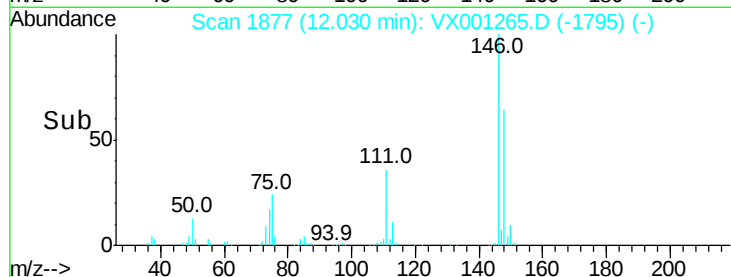
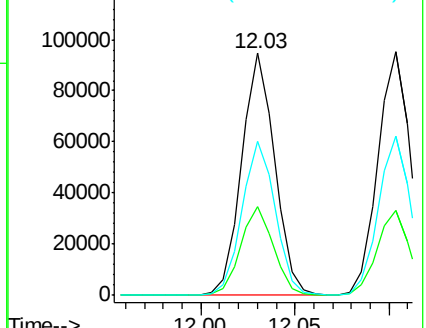
148 64.0 32.6 97.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.219 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001265.D

Acq: 30 Apr 2018 20:55

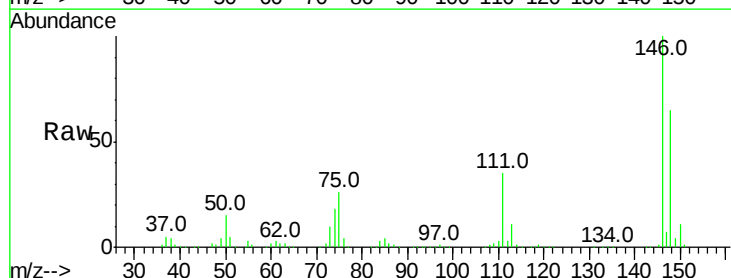
Tgt Ion:146 Resp: 116265

Ion Ratio Lower Upper

146 100

111 34.5 18.4 55.0

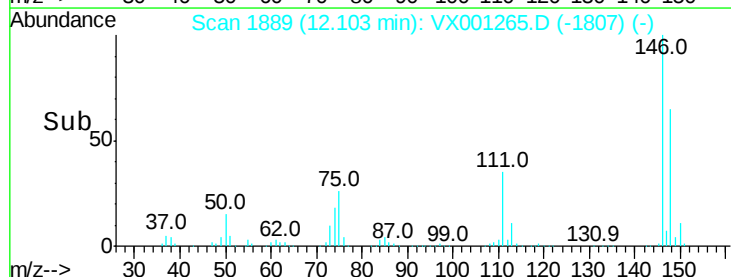
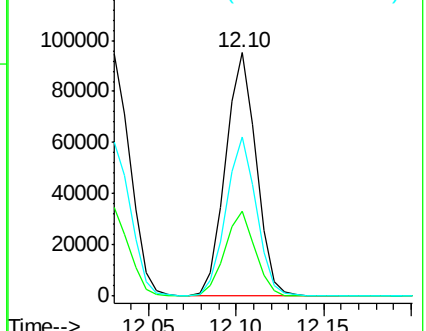
148 64.8 31.9 95.7

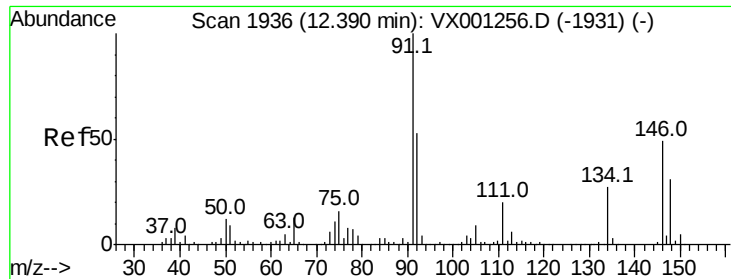


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

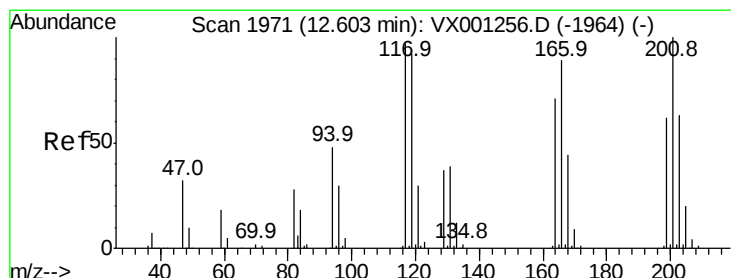
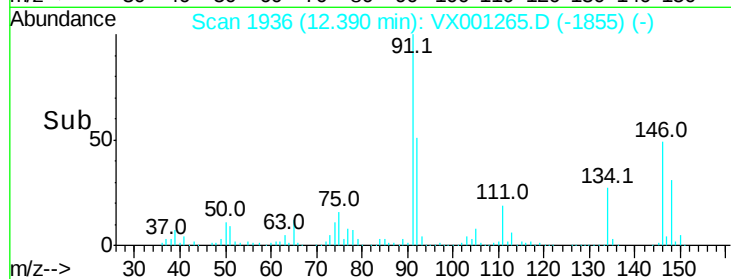
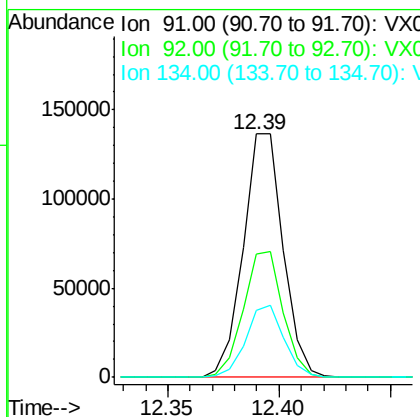
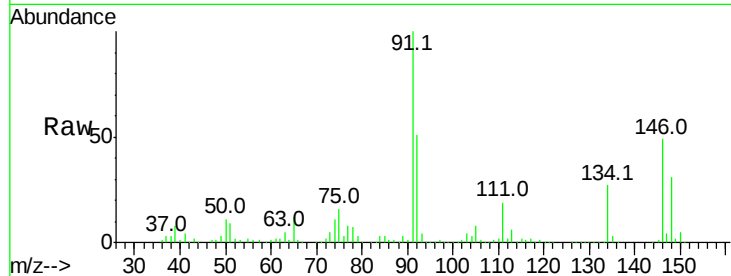




#85
n-Butylbenzene
Concen: 19.394 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

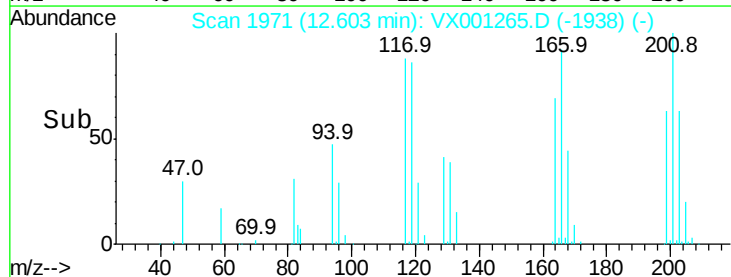
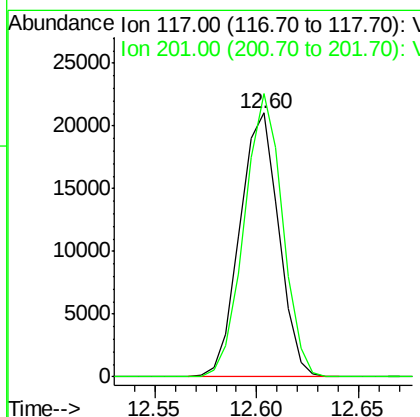
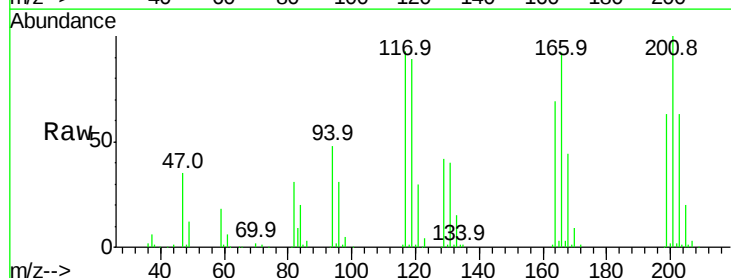
Instrument :
MSVOA_X
ClientSampleId :

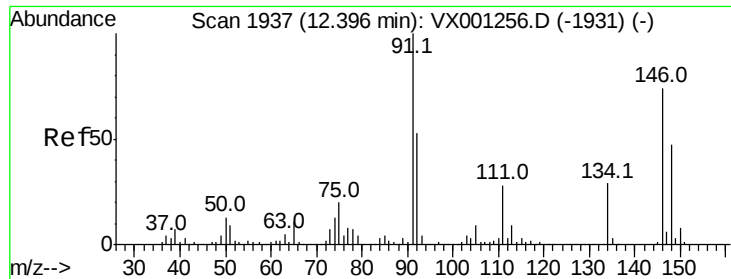
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	0.0	102.0
134	28.3	0.0	54.2



#86
Hexachloroethane
Concen: 17.940 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.8	38.9	116.6

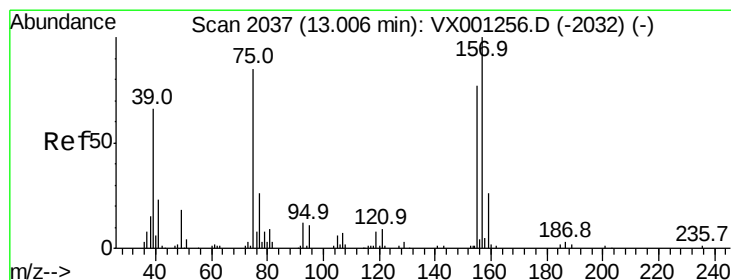
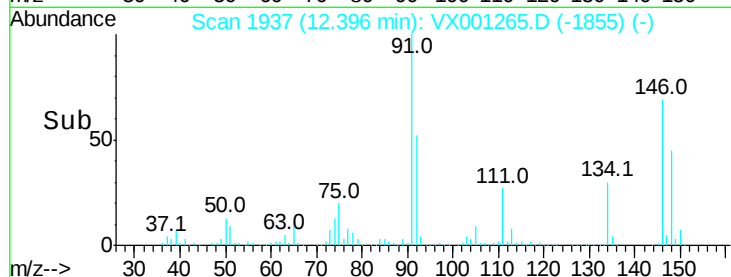
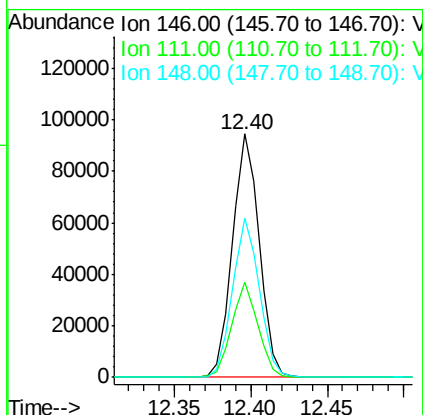
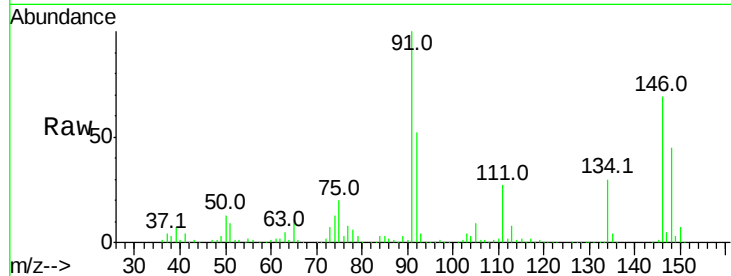




#87
 1,2-Dichlorobenzene
 Concen: 19.439 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

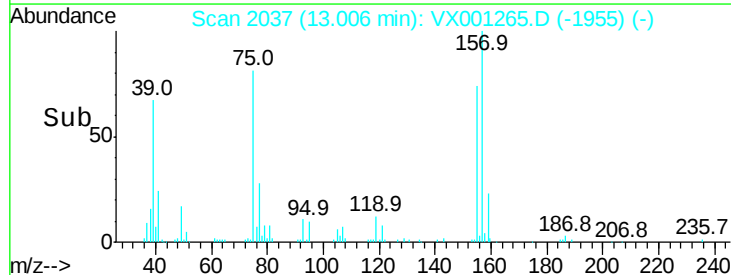
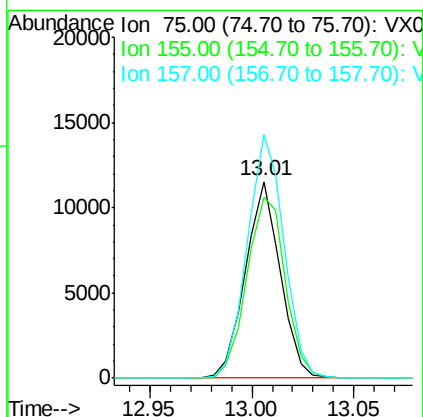
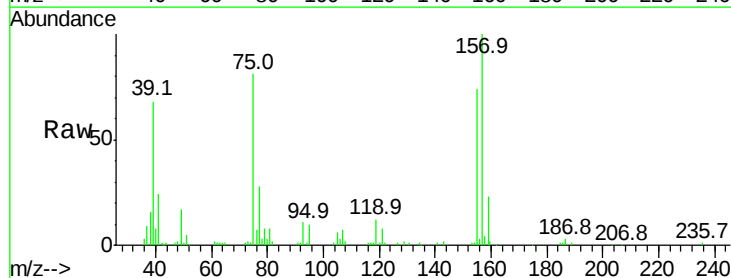
Instrument :
 MSVOA_X
 ClientSampleId :

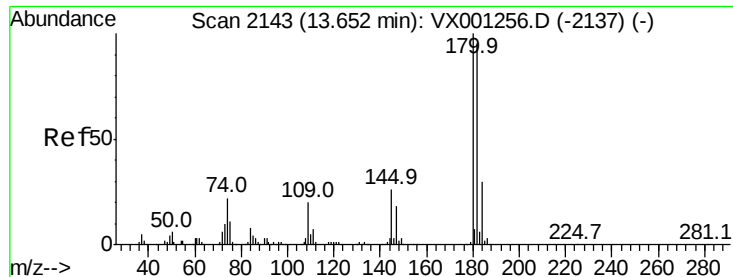
Tot Ion:146 Resp: 114697
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.0 60.0
 148 65.4 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.997 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Tgt Ion: 75 Resp: 13727
 Ion Ratio Lower Upper
 75 100
 155 101.4 75.1 112.7
 157 130.0 99.0 148.4

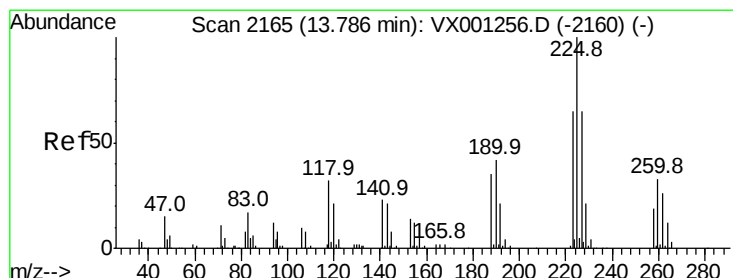
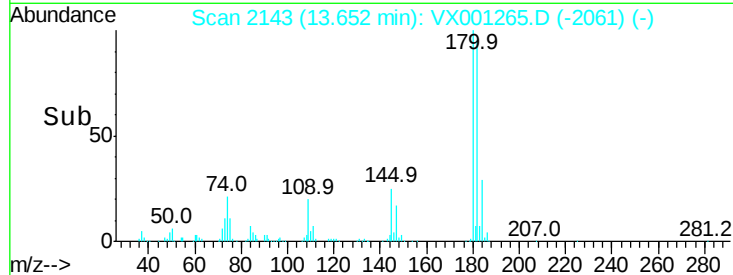
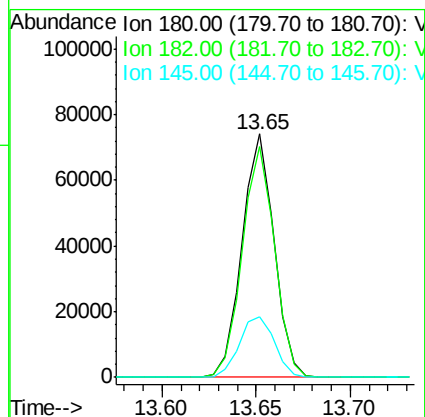
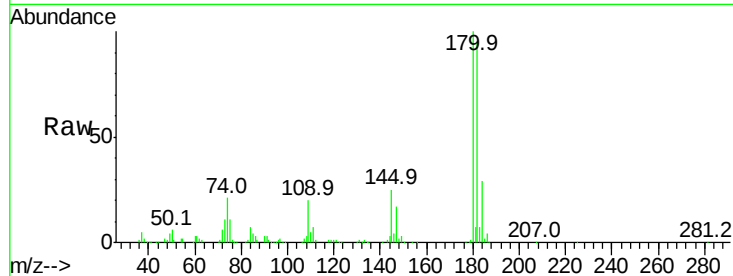




#89
 1,2,4-Trichlorobenzene
 Concen: 19.566 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

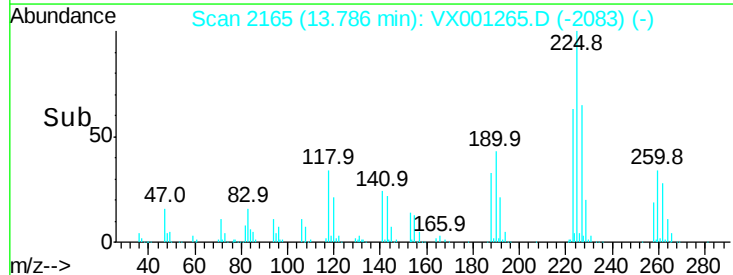
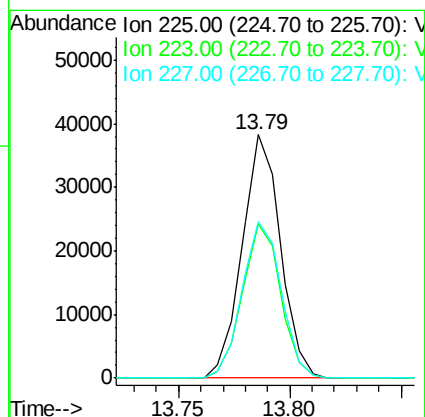
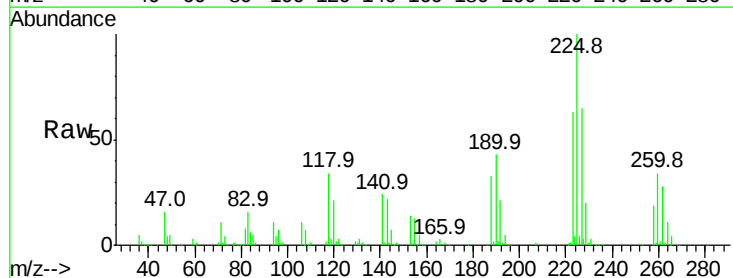
Instrument :
 MSVOA_X
 ClientSampleId :

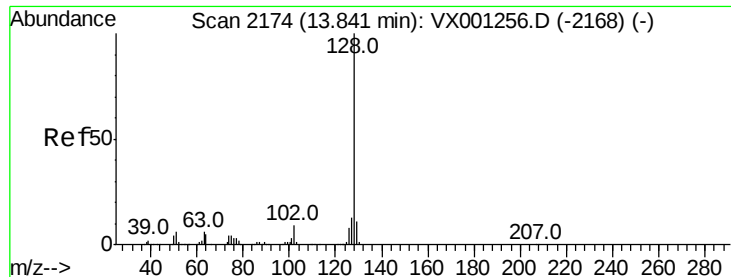
Tot Ion:180 Resp: 87475
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.3 114.5
 145 27.4 24.6 37.0



#90
 Hexachlorobutadiene
 Concen: 22.193 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001265.D
 Acq: 30 Apr 2018 20:55

Tgt Ion:225 Resp: 46060
 Ion Ratio Lower Upper
 225 100
 223 63.2 0.0 131.2
 227 65.8 0.0 127.6

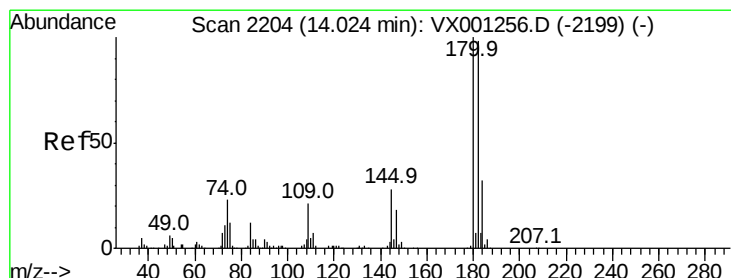
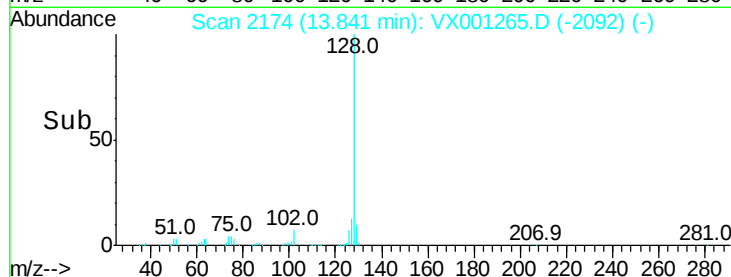
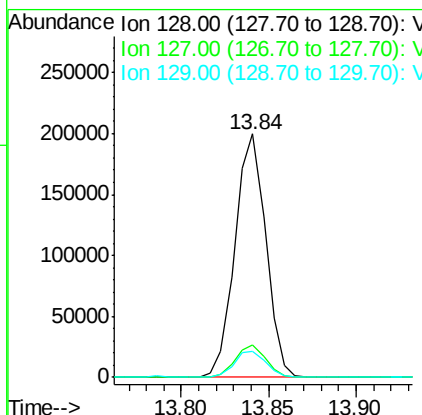
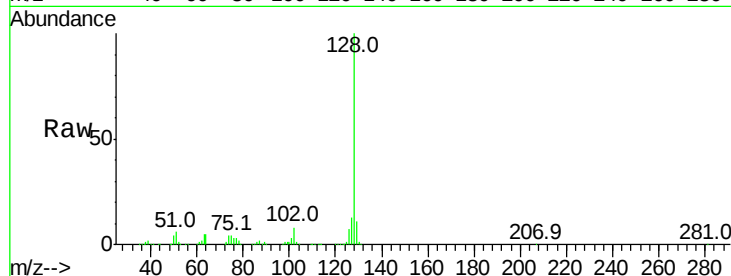




#91
Naphthalene
Concen: 21.174 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 245597
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 20.575 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001265.D
Acq: 30 Apr 2018 20:55

Tgt Ion:180 Resp: 90789
Ion Ratio Lower Upper
180 100
182 95.7 0.0 188.6
145 28.2 0.0 65.8

