

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
 Data File : VX001259.D
 Acq On : 30 Apr 2018 12:18
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Quant Time: Apr 30 13:29:52 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Apr 30 13:23:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	39917	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	217576	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	210252	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	85150	14.09	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	46.97%#
60) 4-Bromofluorobenzene	11.14	95	109676	15.61	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	52.03%#
63) Toluene-d8	8.72	98	268232	14.08	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	46.93%#

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	404235	155.616	ug/l	99
3) Chloromethane	1.32	50	369119	151.398	ug/l	97
4) Vinyl Chloride	1.41	62	375227	145.594	ug/l	100
5) Bromomethane	1.64	94	269641	136.907	ug/l	100
6) Chloroethane	1.71	64	231843	147.379	ug/l	100
7) Trichlorofluoromethane	1.92	101	627944	146.940	ug/l	100
8) Diethyl Ether	2.19	74	217793	146.753	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	347169	142.385	ug/l	94
10) 1,1-Dichloroethene	2.37	96	324065	147.771	ug/l	92
11) Methyl Iodide	2.51	142	468387	184.146	ug/l	95
12) Methyl Acetate	2.78	43	433019	150.806	ug/l	97
13) Acrolein	2.30	56	265203	155.936	ug/l	100
14) Acrylonitrile	3.16	53	876895	154.133	ug/l	100
15) Acetone	2.45	58	254383	141.249	ug/l	89
16) Carbon Disulfide	2.57	76	907969	157.740	ug/l	98
17) Allyl chloride	2.73	41	589789	152.515	ug/l	97
18) Methylene Chloride	2.86	84	340965	141.442	ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	349390	147.777	ug/l	92
20) Diisopropyl ether	3.88	45	1178052	155.385	ug/l	97
21) 1,1-Dichloroethane	3.70	63	574199	137.623	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	382325	144.094	ug/l	97
23) tert-Butyl Alcohol	3.09	59	372440	161.820	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	1123968	149.872	ug/l	96
25) Chloroform	5.23	83	657964	146.605	ug/l	100
26) Cyclohexane	5.58	56	553373	147.904	ug/l #	94
29) 1,1-Dichloropropene	5.81	75	494373	154.235	ug/l	99
30) 2-Butanone	4.71	43	1270011	154.740	ug/l	97
31) 2,2-Dichloropropane	4.59	77	537629	153.485	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	607482	157.262	ug/l	99
33) Carbon Tetrachloride	5.79	117	555923	160.311	ug/l	96
34) Benzene	6.15	78	1428898	149.496	ug/l	95
35) Methacrylonitrile	5.07	41	293873	163.129	ug/l	93
36) 1,2-Dichloroethane	6.21	62	549522	149.869	ug/l	100
37) Trichloroethene	7.22	130	426538	146.600	ug/l	97
38) Methylcyclohexane	7.46	83	579068	153.352	ug/l	96
39) 1,2-Dichloropropane	7.52	63	362694	149.664	ug/l	99
40) Dibromomethane	7.67	93	256868	150.921	ug/l	88

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	516588	163.308	ug/l	99
42) Vinyl Acetate	3.83	43	5105717	159.050	ug/l	98
43) Ethyl Acetate	4.87	43	504473	160.887	ug/l	99
44) Isopropyl Acetate	6.47	43	872535	164.264	ug/l	98
45) 1,4-Dioxane	7.76	88	162080	168.858	ug/l	96
46) Methyl methacrylate	7.79	41	463074	168.497	ug/l	90
47) n-amyl Acetate	10.91	43	907745	182.276	ug/l	96
48) t-1,3-Dichloropropene	8.45	75	622115	168.119	ug/l	98
49) cis-1,3-Dichloropropene	9.05	75	608046	172.529	ug/l	92
50) 1,1,2-Trichloroethane	9.22	97	392085	156.204	ug/l	99
51) Ethyl methacrylate	9.19	69	606710	173.521	ug/l	93
52) 1,3-Dichloropropane	9.38	76	625866	153.752	ug/l	99
53) Dibromochloromethane	9.59	129	468200	172.678	ug/l	98
54) 1,2-Dibromoethane	9.68	107	424627	158.543	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	1379405	157.795	ug/l	100
56) Bromoform	10.87	173	420548	194.972	ug/l #	98
58) 4-Methyl-2-Pentanone	8.66	43	2809613	164.043	ug/l	99
59) 2-Hexanone	9.51	43	2184629	163.619	ug/l	97
61) Tetrachloroethene	9.34	164	438057	132.847	ug/l	91
62) Toluene	8.79	91	1688642	149.301	ug/l	99
64) Chlorobenzene	10.15	112	1142253	149.788	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	434176	157.546	ug/l	96
66) Ethyl Benzene	10.26	91	1916532	152.439	ug/l	99
67) m/p-Xylenes	10.37	106	1545095	155.287	ug/l	98
68) o-Xylene	10.71	106	749797	156.096	ug/l	100
69) Styrene	10.72	104	1289919	162.763	ug/l	99
70) Isopropylbenzene	11.02	105	2028396	155.349	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	626080	165.716	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	732901	218.715	ug/l	82
73) Bromobenzene	11.26	156	591617	156.057	ug/l	96
74) n-propylbenzene	11.37	91	2314383	157.345	ug/l	99
75) 2-Chlorotoluene	11.43	91	1382113	155.255	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	1757983	158.720	ug/l	68
77) t-1,4-Dichloro-2-butene	11.08	75	196359	205.286	ug/l	93
78) 4-Chlorotoluene	11.52	91	1677902	158.764	ug/l	99
79) tert-butylbenzene	12.07	119	1904557	161.227	ug/l	94
80) 1,2,4-Trimethylbenzene	11.81	105	1771202	156.709	ug/l	100
81) sec-Butylbenzene	11.95	105	2025143	157.137	ug/l	99
82) p-Isopropyltoluene	12.07	119	1904557	161.227	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	1077271	155.795	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	1108531	157.631	ug/l	99
85) n-Butylbenzene	12.40	91	1693676	167.081	ug/l	97
86) Hexachloroethane	12.60	117	322574	184.000	ug/l	70
87) 1,2-Dichlorobenzene	12.40	146	1085386	158.405	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	136444	174.879	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	836886	161.947	ug/l	98
90) Hexachlorobutadiene	13.79	225	390625	163.072	ug/l	97
91) Naphthalene	13.84	128	2210573	165.691	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	820431	160.563	ug/l	97

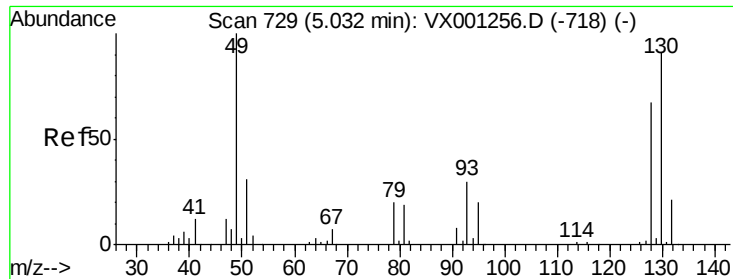
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

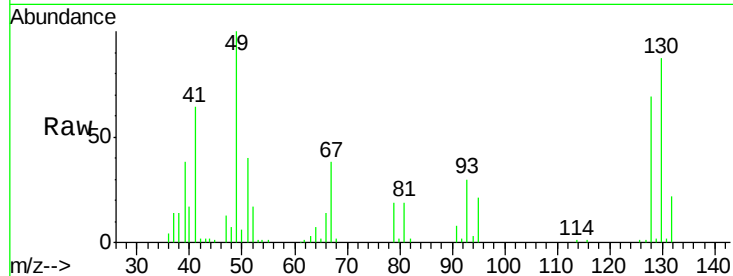
Tot Ion:128 Resp: 39917

Ion Ratio Lower Upper

128 100

49 155.7 0.0 378.3

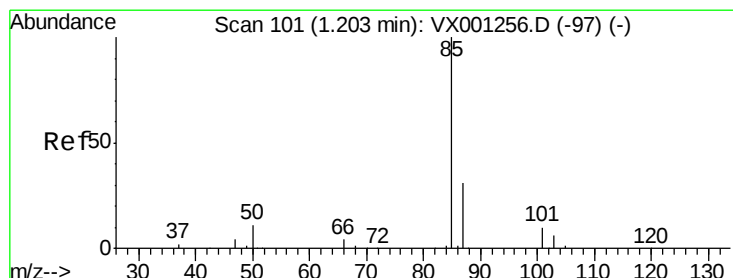
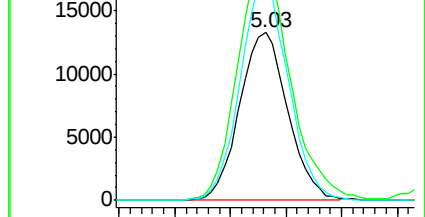
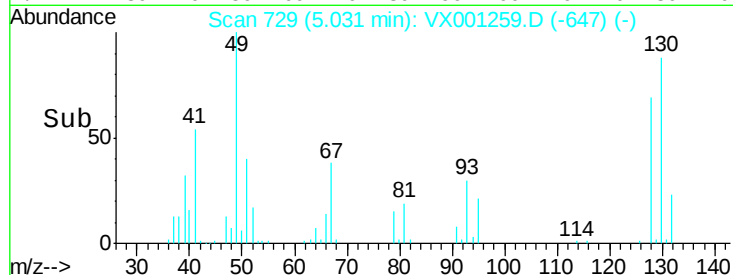
130 129.6 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 155.616 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001259.D

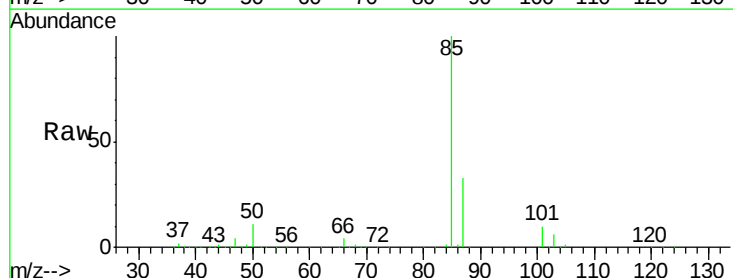
Acq: 30 Apr 2018 12:18

Tgt Ion: 85 Resp: 404235

Ion Ratio Lower Upper

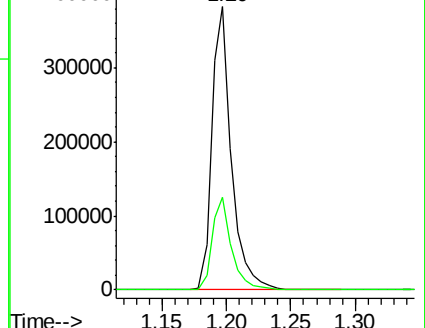
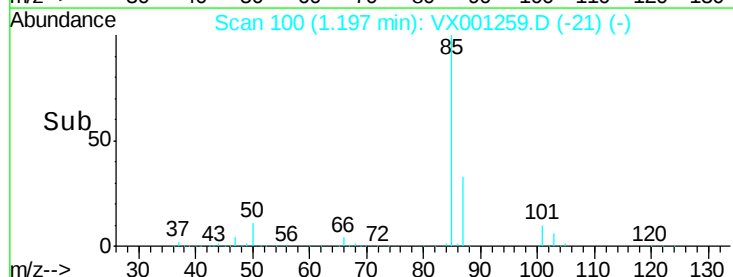
85 100

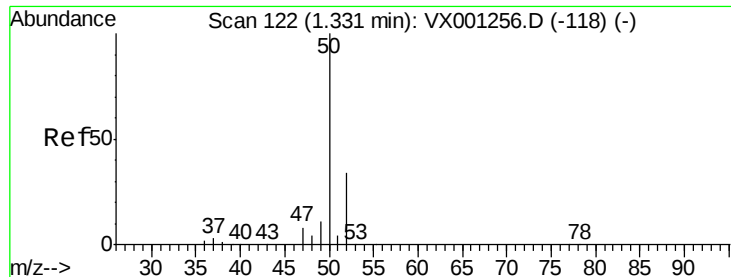
87 32.6 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

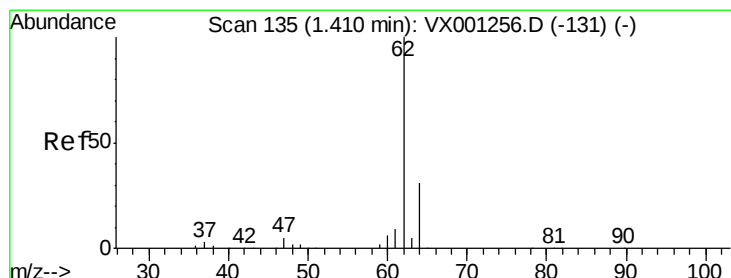
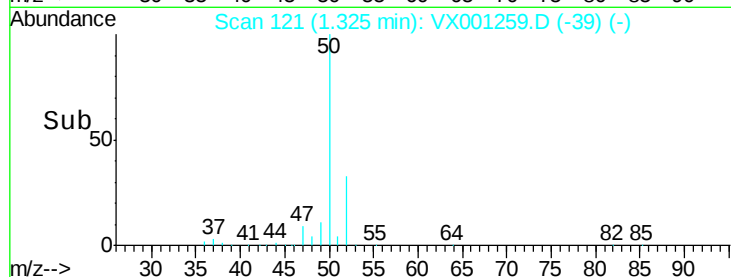
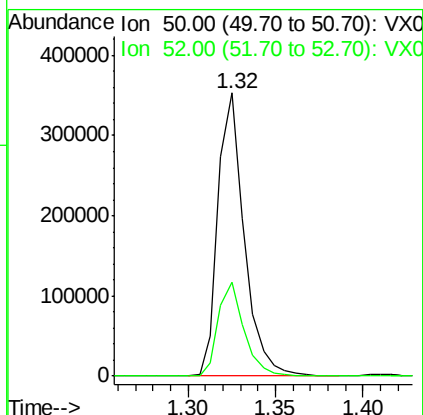
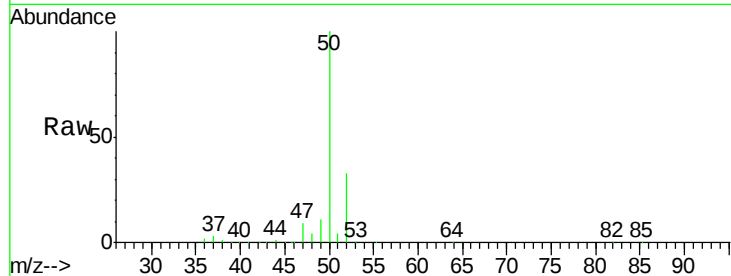




#3
Chloromethane
Concen: 151.398 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

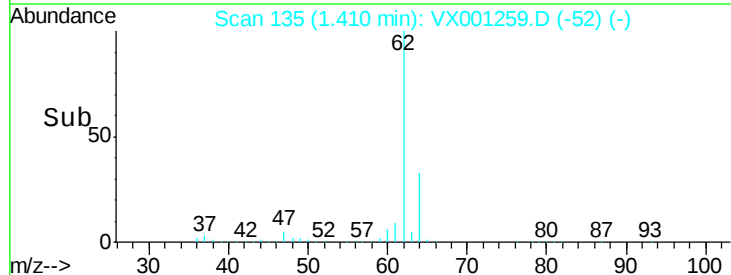
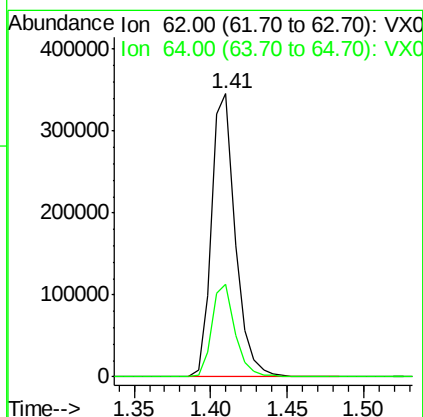
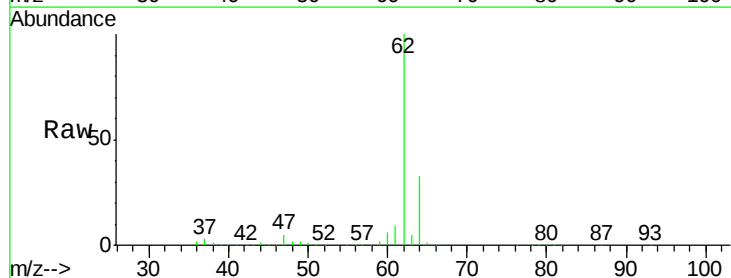
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

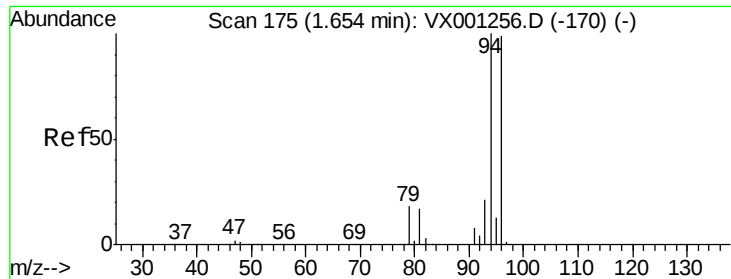
Tot Ion: 50 Resp: 369119
Ion Ratio Lower Upper
50 100
52 33.2 27.8 41.6



#4
Vinyl Chloride
Concen: 145.594 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 62 Resp: 375227
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0





#5

Bromomethane

Concen: 136.907 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

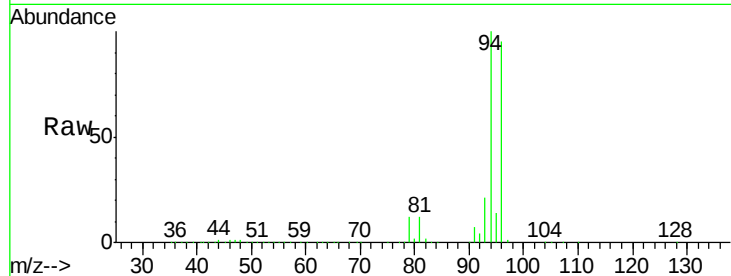
VSTDIC150

Tot Ion: 94 Resp: 269641

Ion Ratio Lower Upper

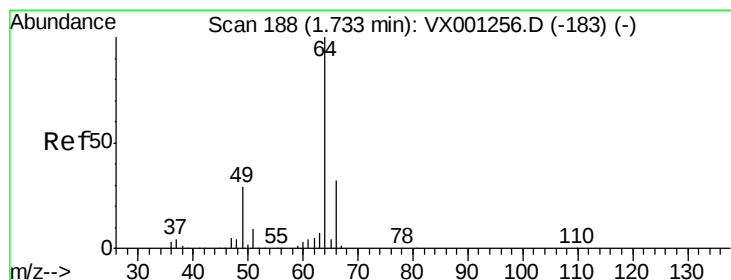
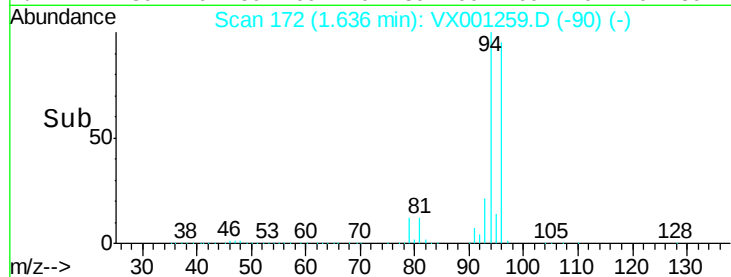
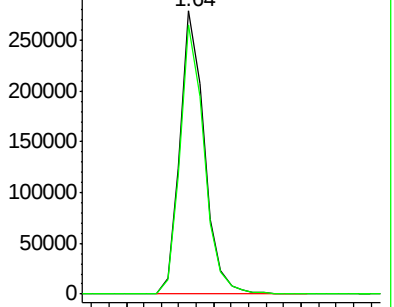
94 100

96 95.2 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: 147.379 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001259.D

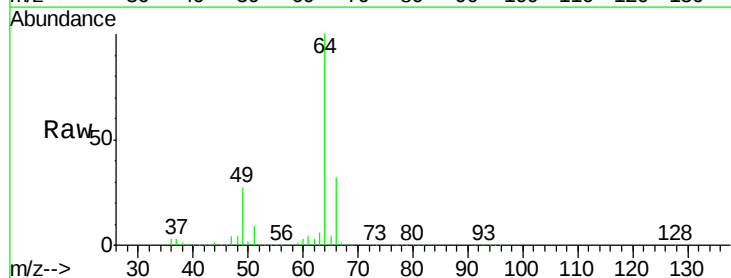
Acq: 30 Apr 2018 12:18

Tgt Ion: 64 Resp: 231843

Ion Ratio Lower Upper

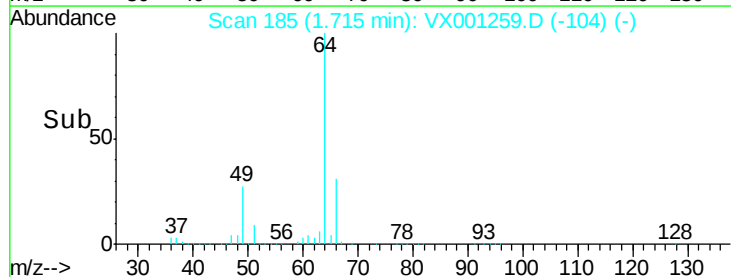
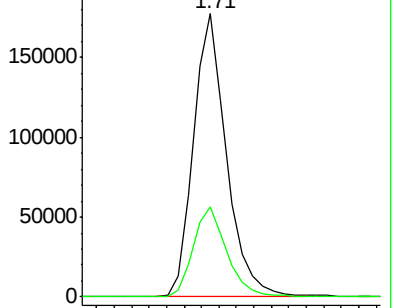
64 100

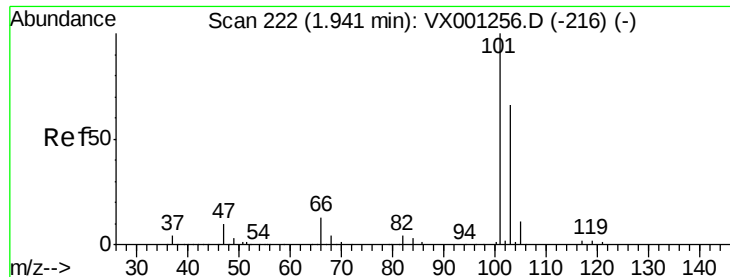
66 31.7 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



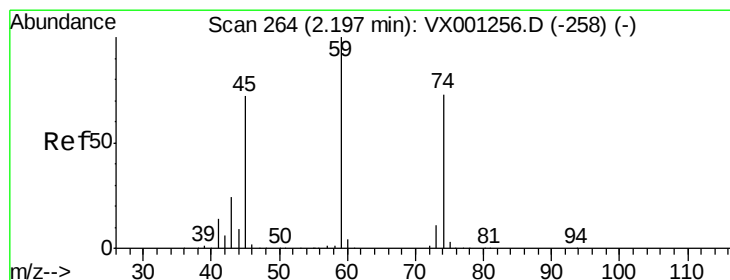
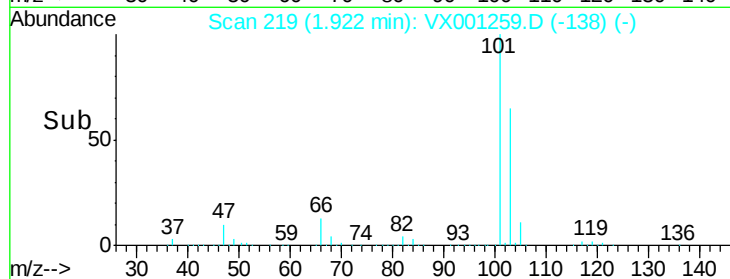
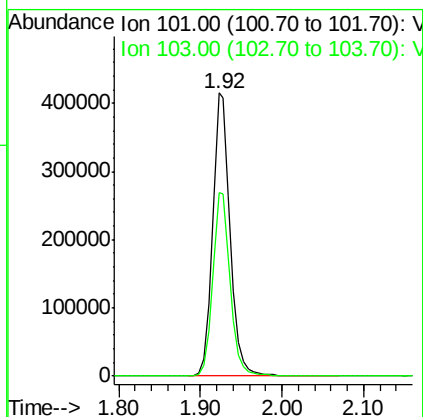
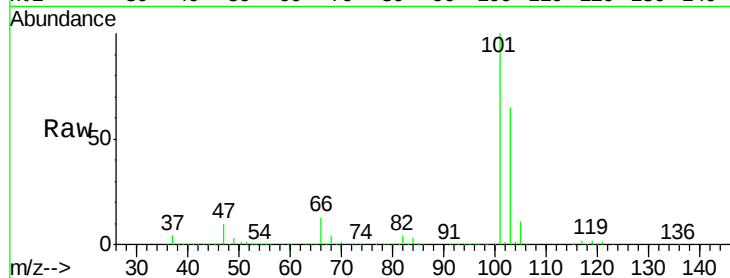


#7

Trichlorofluoromethane
 Concen: 146.940 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Instrument :
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 ClientSampleId :
 VSTDIC150

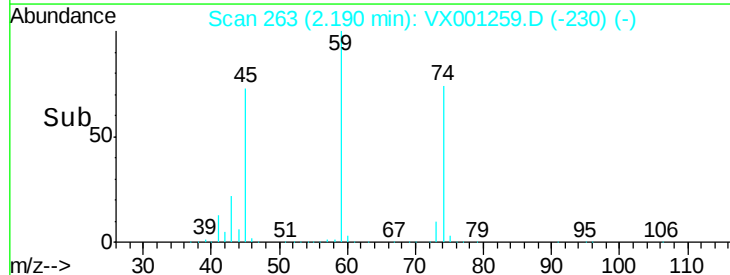
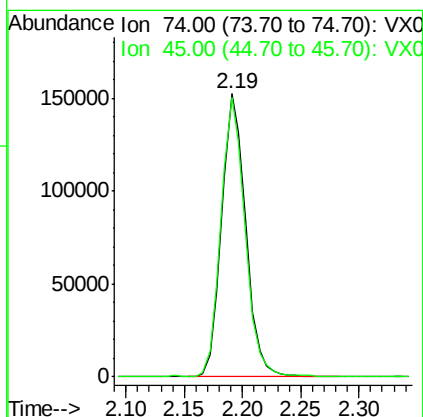
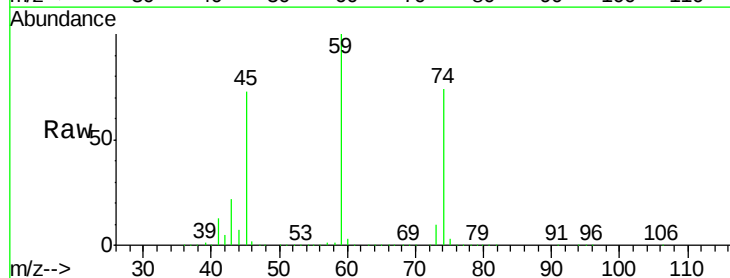
Tot Ion:101 Resp: 627944
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.4

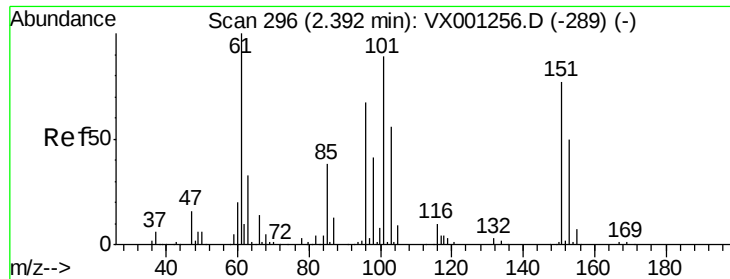


#8

Diethyl Ether
 Concen: 146.753 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion: 74 Resp: 217793
 Ion Ratio Lower Upper
 74 100
 45 97.9 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.385 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

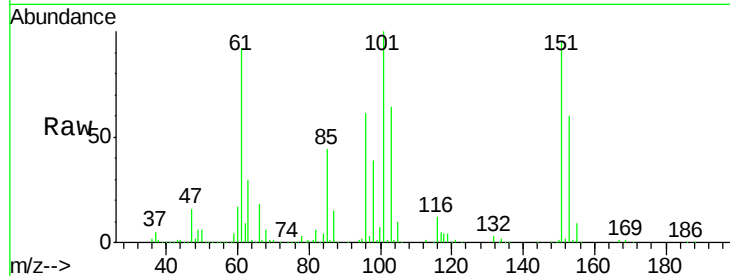
Tot Ion:101 Resp: 347169

Ion Ratio Lower Upper

101 100

85 44.2 0.0 90.4

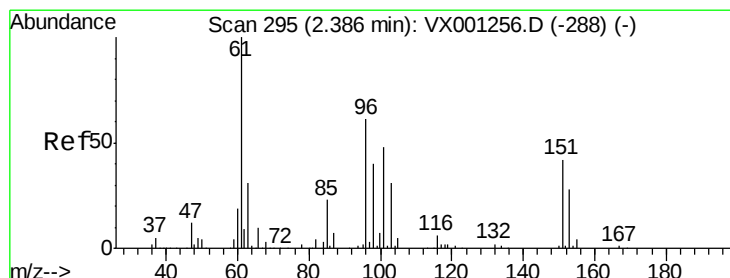
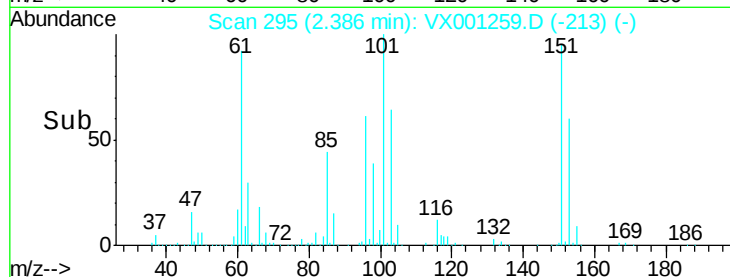
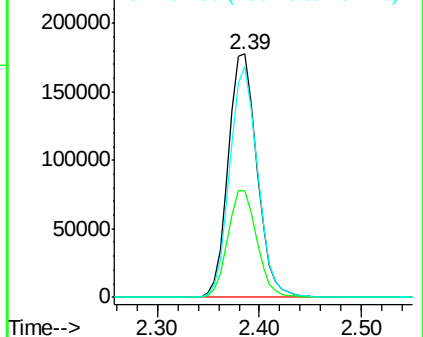
151 92.1 0.0 167.6



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: 147.771 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

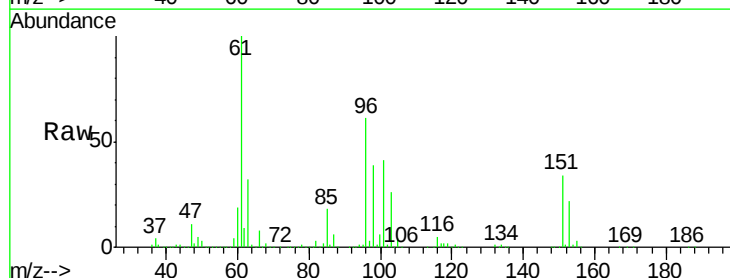
Tgt Ion: 96 Resp: 324065

Ion Ratio Lower Upper

96 100

61 162.8 118.6 178.0

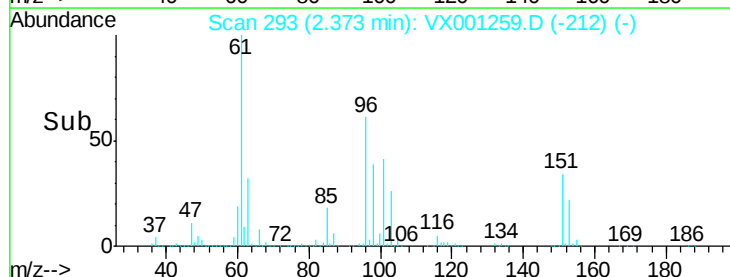
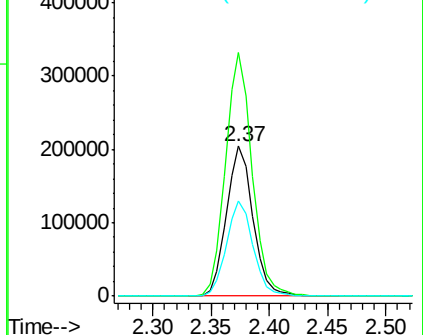
98 63.6 51.0 76.6

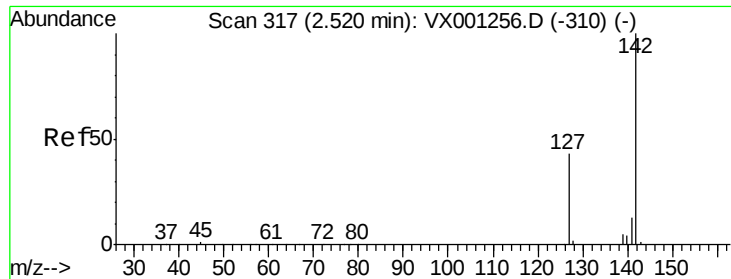


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

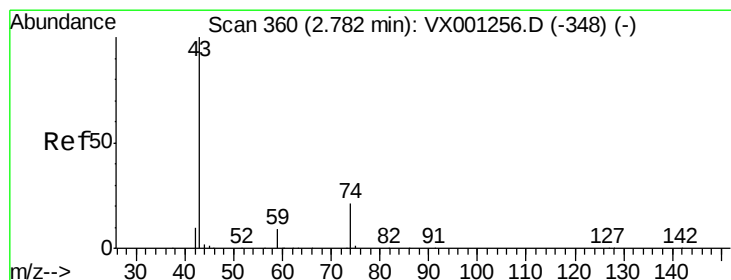
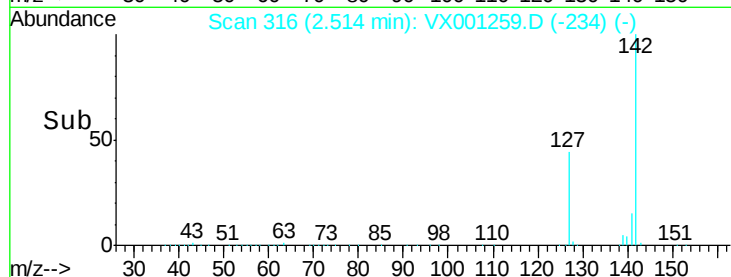
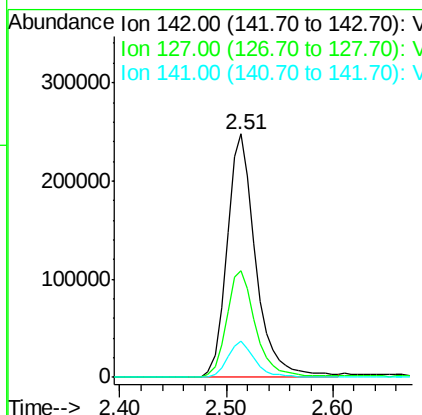
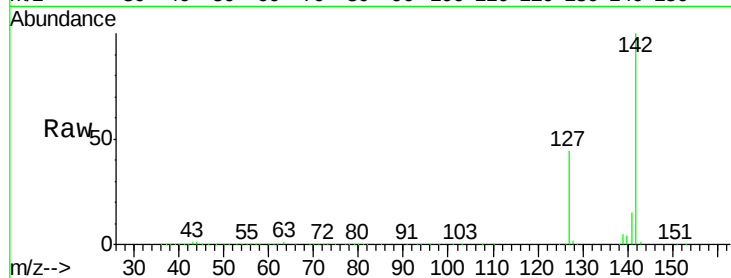




#11
Methvl Iodide
Concen: 184.146 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

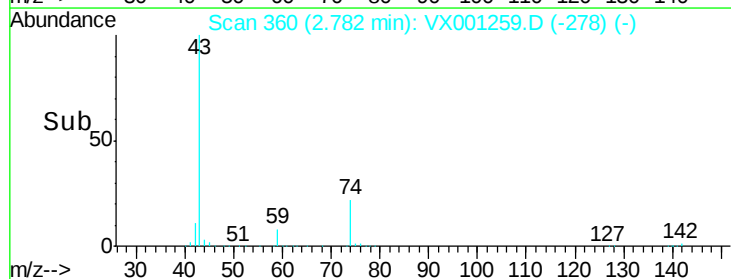
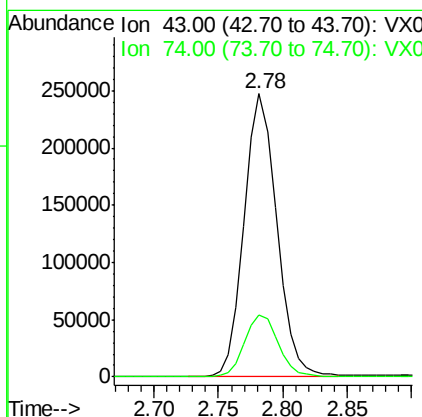
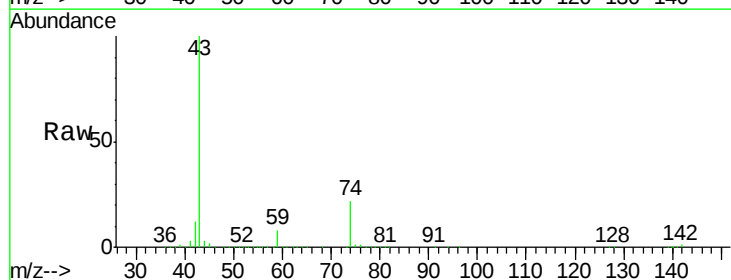
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

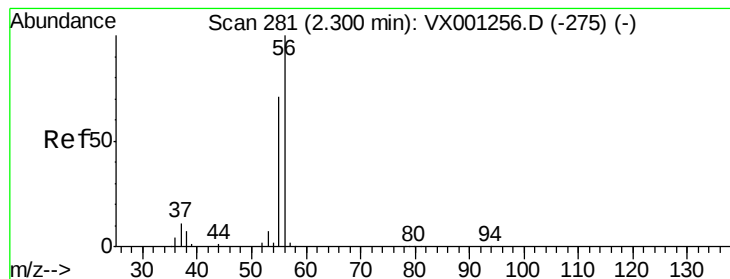
Tot Ion:142 Resp: 468387
Ion Ratio Lower Upper
142 100
127 43.8 23.8 71.5
141 14.7 8.2 24.4



#12
Methyl Acetate
Concen: 150.806 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 43 Resp: 433019
Ion Ratio Lower Upper
43 100
74 21.9 18.6 27.8





#13

Acrolein

Concen: 155.936 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

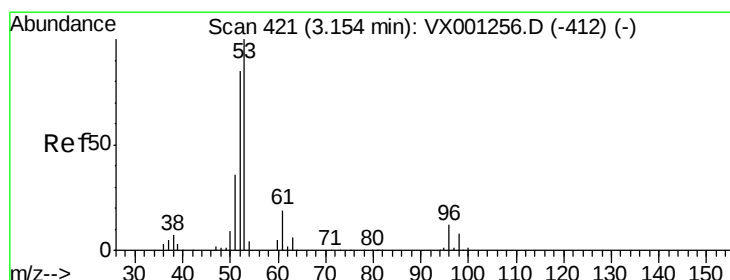
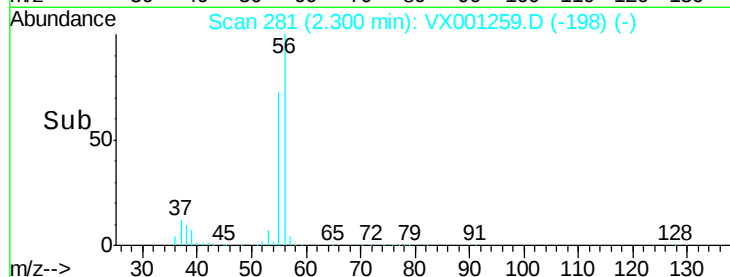
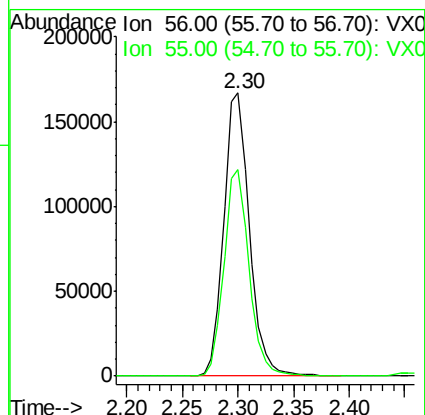
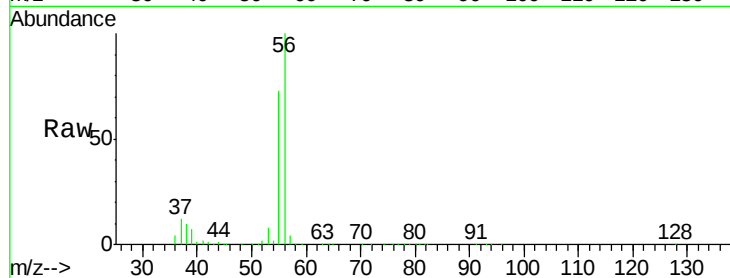
VSTDIC150

Tot Ion: 56 Resp: 265203

Ion Ratio Lower Upper

56 100

55 71.9 57.3 85.9



#14

Acrylonitrile

Concen: 154.133 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

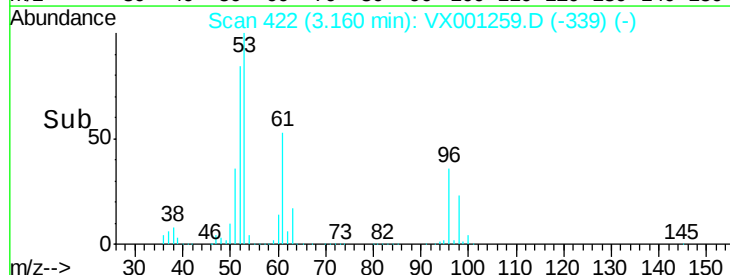
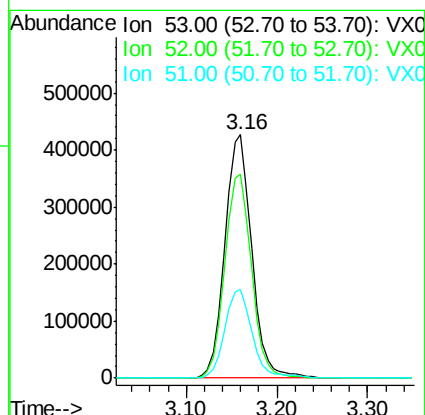
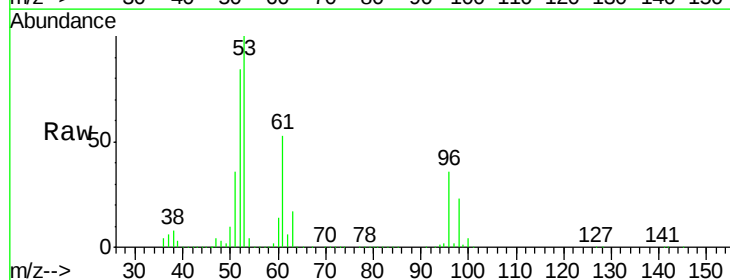
Tgt Ion: 53 Resp: 876895

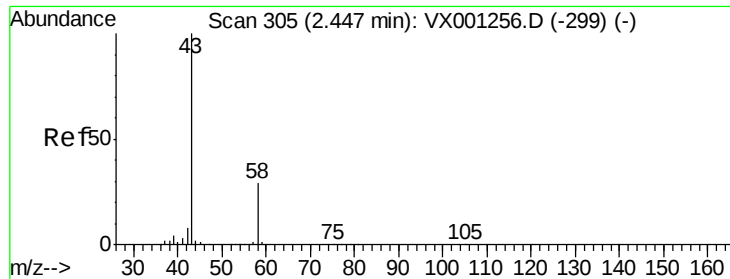
Ion Ratio Lower Upper

53 100

52 83.7 41.9 125.8

51 37.2 18.8 56.3





#15

Acetone

Concen: 141.249 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

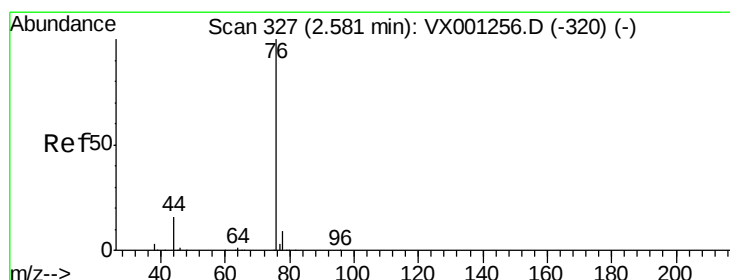
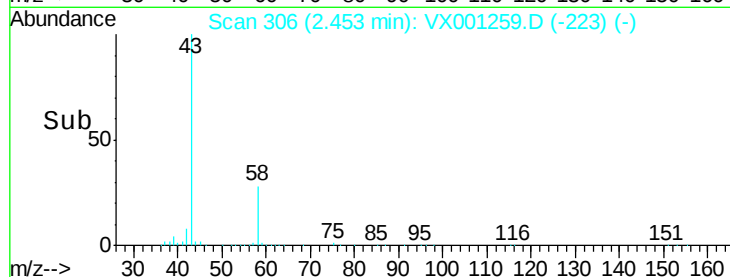
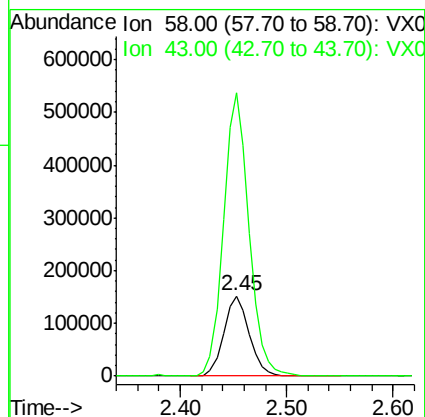
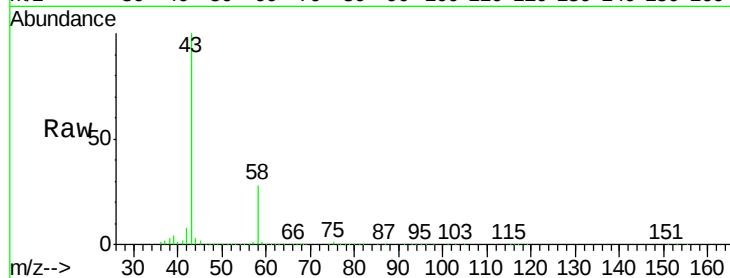
VSTDIC150

Tot Ion: 58 Resp: 254383

Ion Ratio Lower Upper

58 100

43 352.9 264.6 396.8



#16

Carbon Disulfide

Concen: 157.740 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001259.D

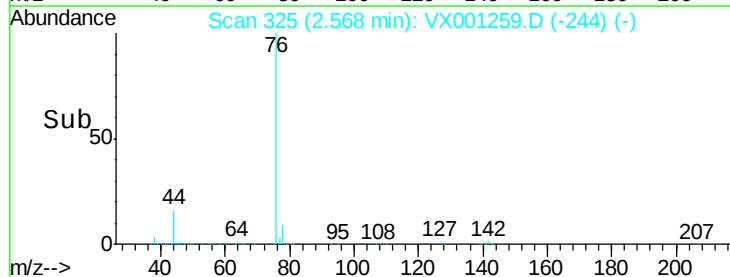
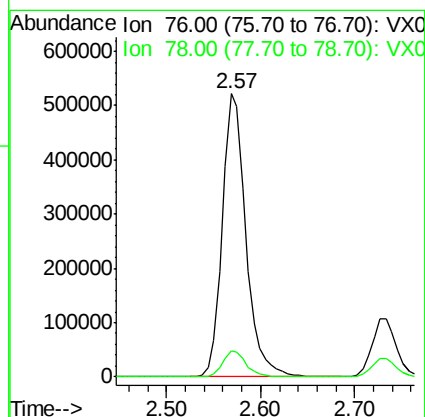
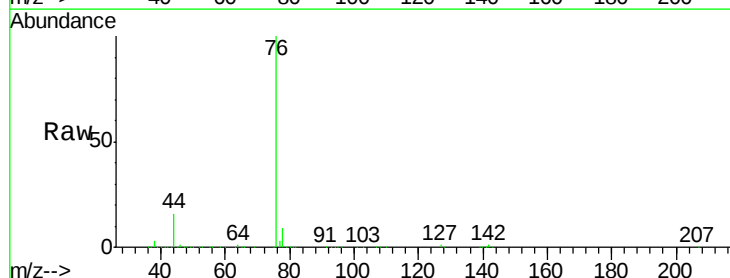
Acq: 30 Apr 2018 12:18

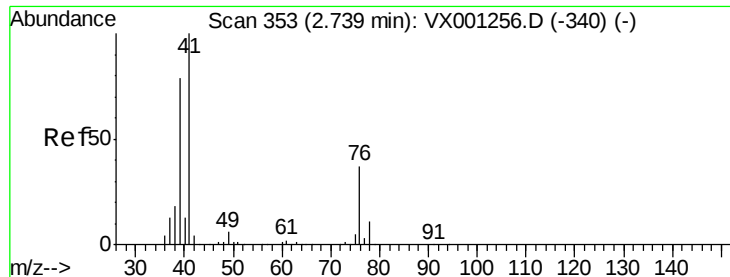
Tgt Ion: 76 Resp: 907969

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2

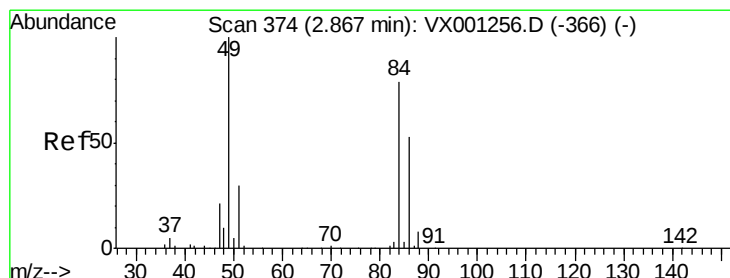
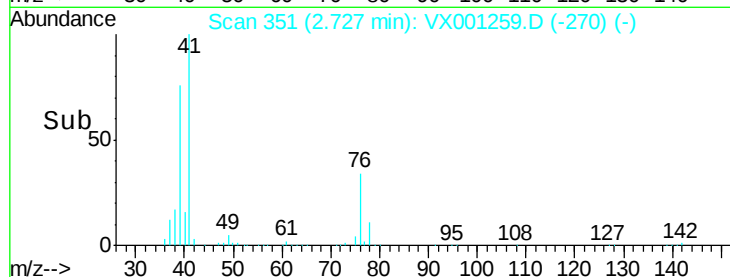
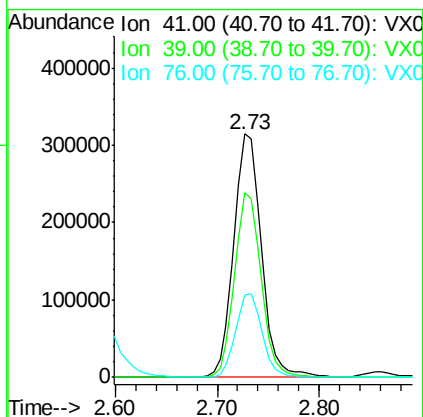
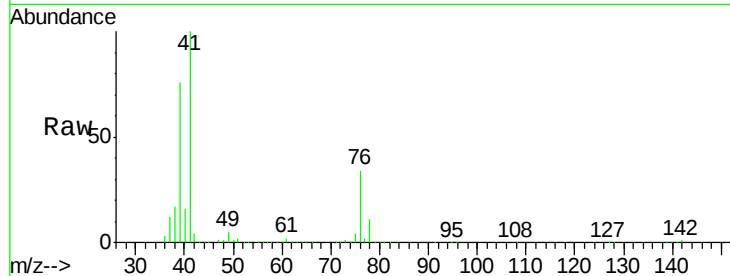




#17
Allvl chloride
Concen: 152.515 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

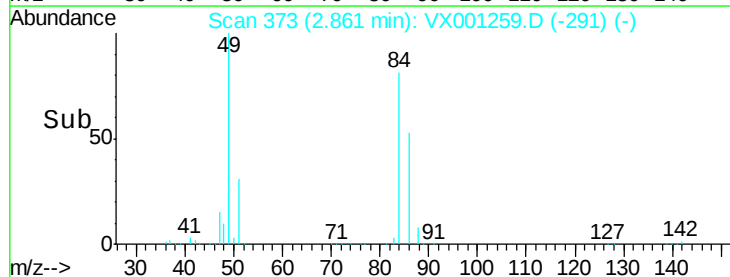
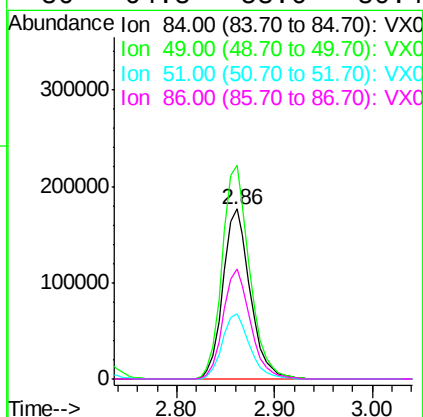
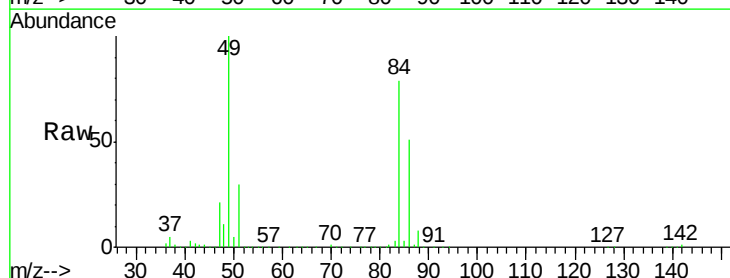
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

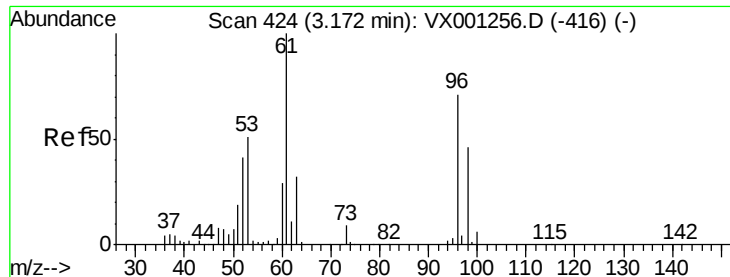
Tot Ion: 41 Resp: 589789
Ion Ratio Lower Upper
41 100
39 76.0 38.5 115.5
76 33.7 18.7 56.1



#18
Methylene Chloride
Concen: 141.442 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 84 Resp: 340965
Ion Ratio Lower Upper
84 100
49 125.8 103.3 154.9
51 38.0 31.2 46.8
86 64.8 53.6 80.4

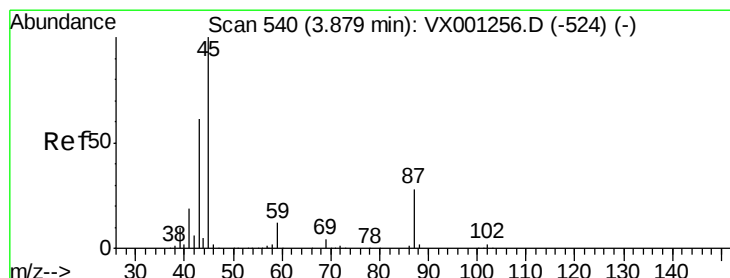
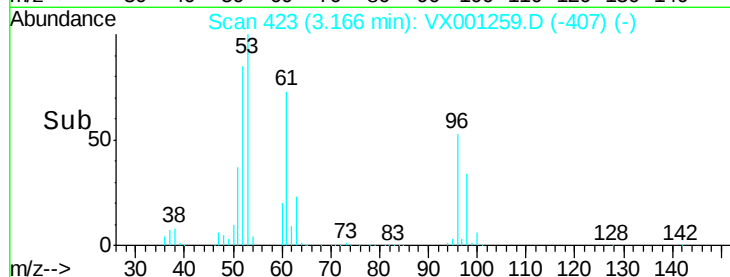
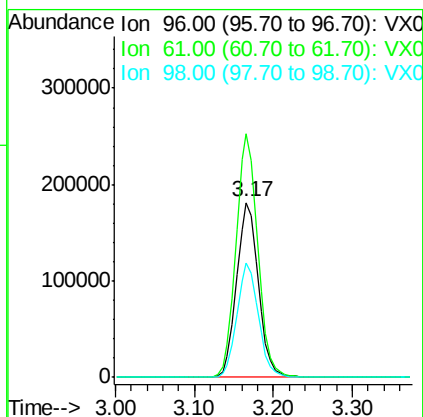
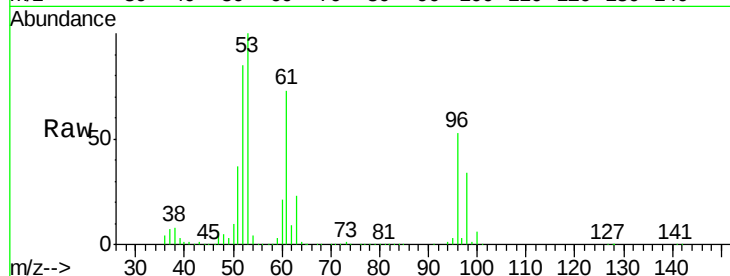




#19
trans-1,2-Dichloroethene
Concen: 147.777 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

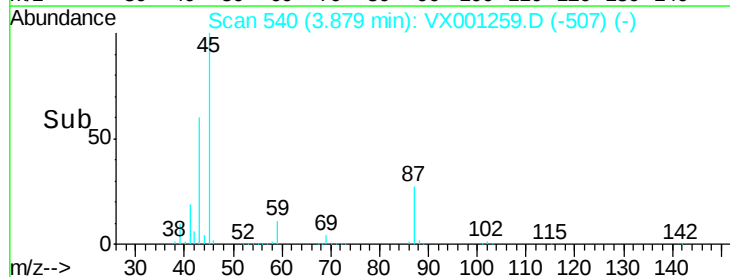
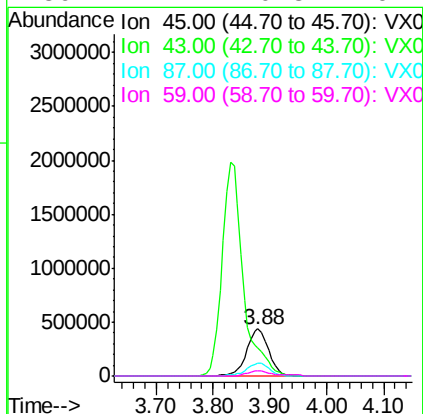
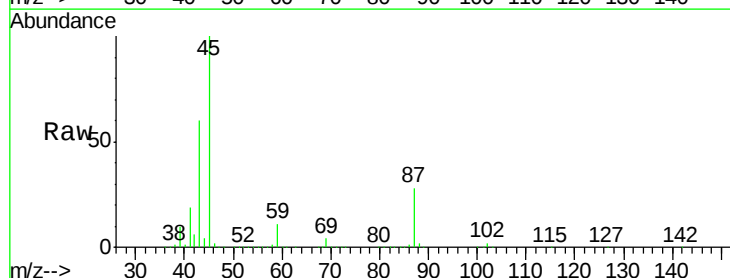
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

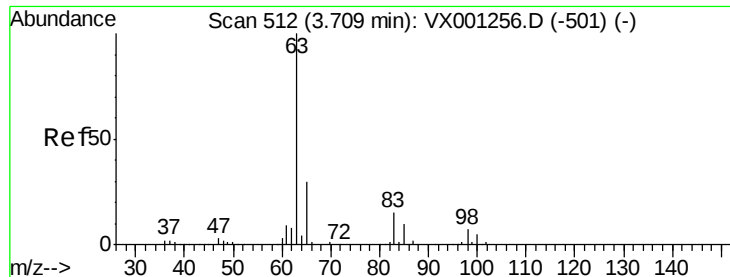
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	101.0	151.6
98	65.0	53.3	79.9



#20
Diisopropyl ether
Concen: 155.385 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.8	49.6	74.4
87	27.7	23.1	34.7
59	11.2	10.8	16.2

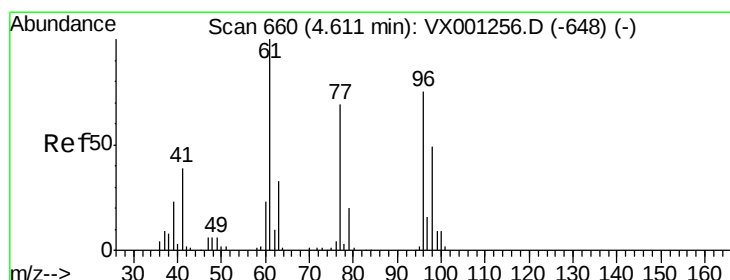
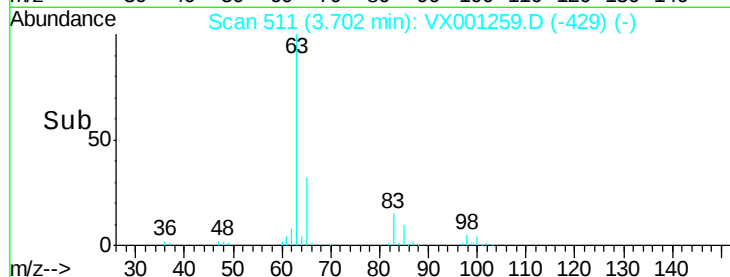
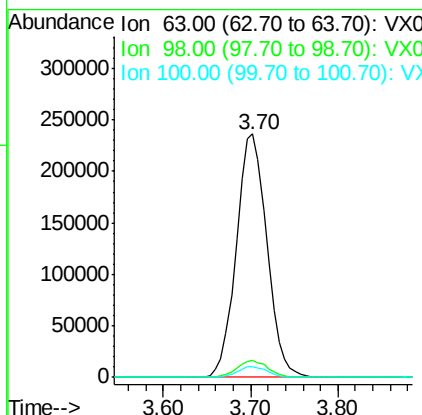
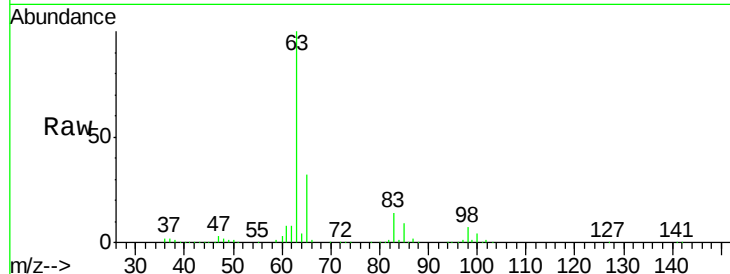




#21
 1,1-Dichloroethane
 Concen: 137.623 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

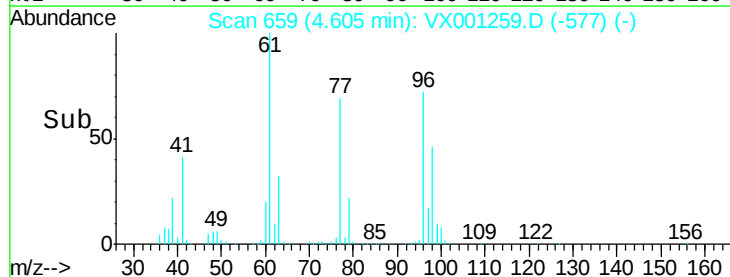
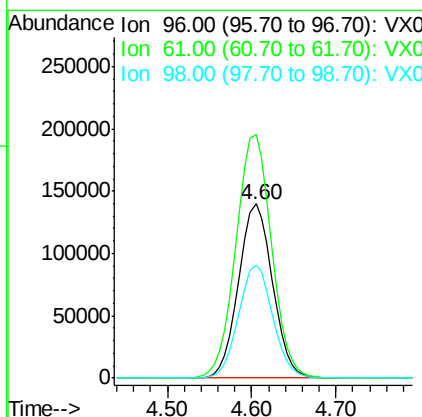
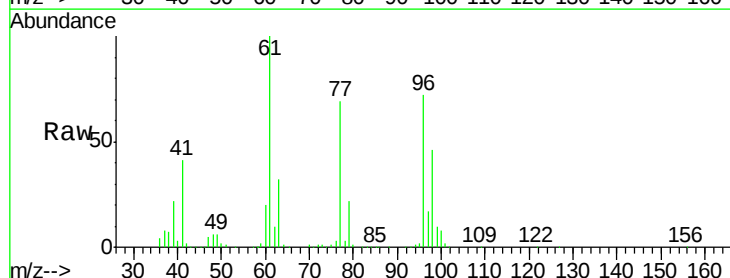
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

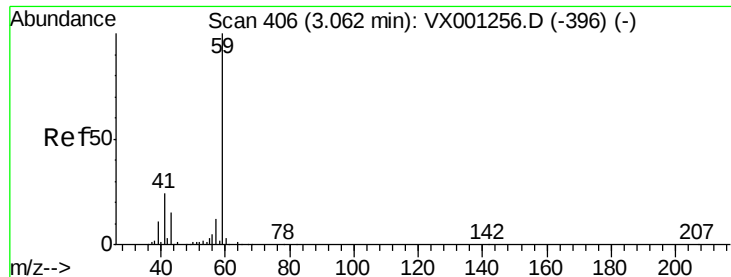
Tot Ion: 63 Resp: 574199
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.5 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 144.094 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion: 96 Resp: 382325
 Ion Ratio Lower Upper
 96 100
 61 146.5 113.5 170.3
 98 65.4 51.8 77.8





#23

tert-Butyl Alcohol

Concen: 161.820 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

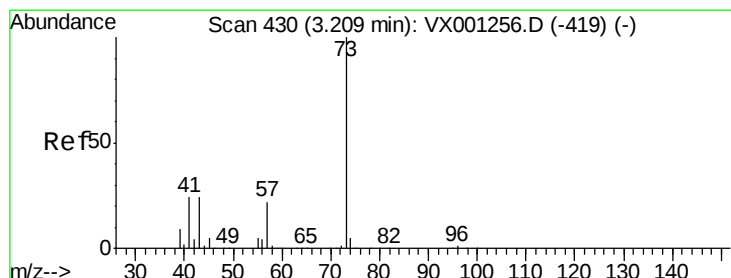
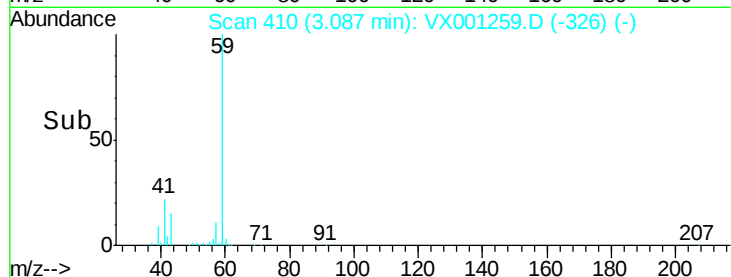
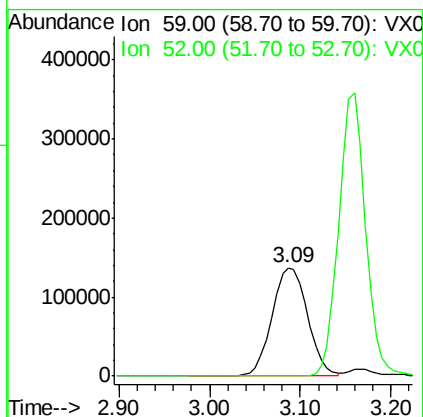
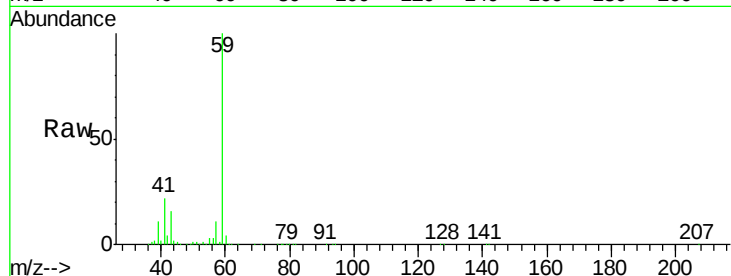
VSTDIC150

Tot Ion: 59 Resp: 372440

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 149.872 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX001259.D

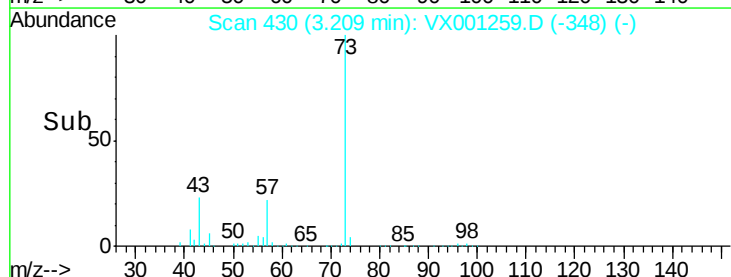
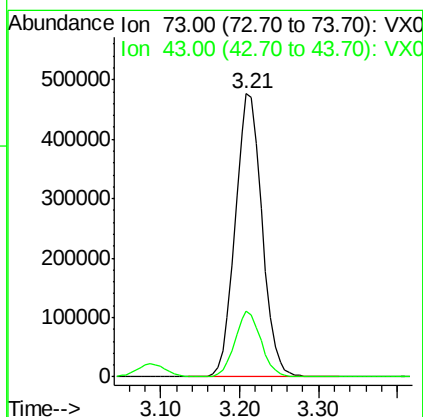
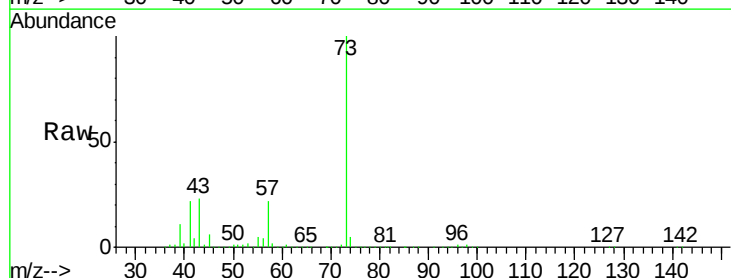
Acq: 30 Apr 2018 12:18

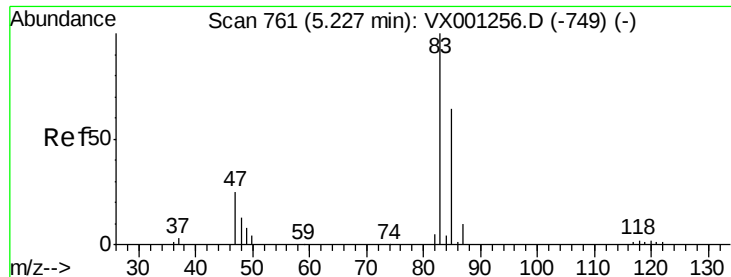
Tgt Ion: 73 Resp: 1123968

Ion Ratio Lower Upper

73 100

43 22.6 16.5 24.7





#25

Chloroform

Concen: 146.605 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampled :

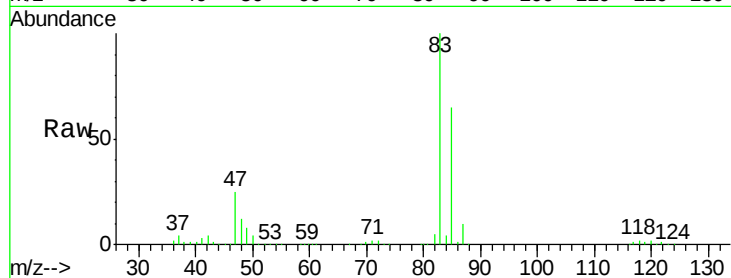
VSTDIC150

Tot Ion: 83 Resp: 657964

Ion Ratio Lower Upper

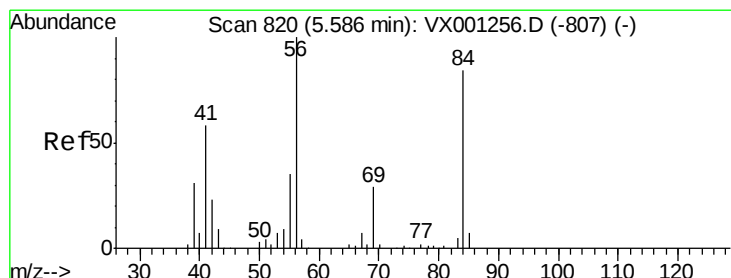
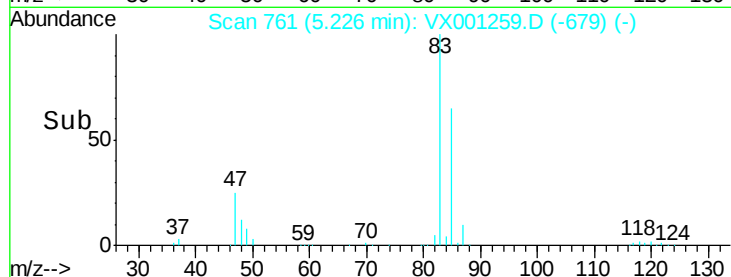
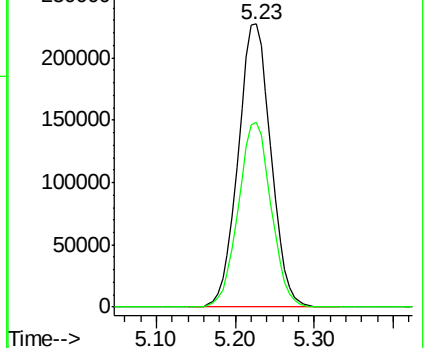
83 100

85 65.5 52.5 78.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 147.904 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

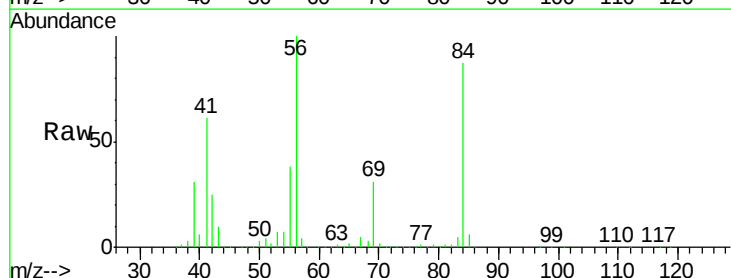
Tgt Ion: 56 Resp: 553373

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

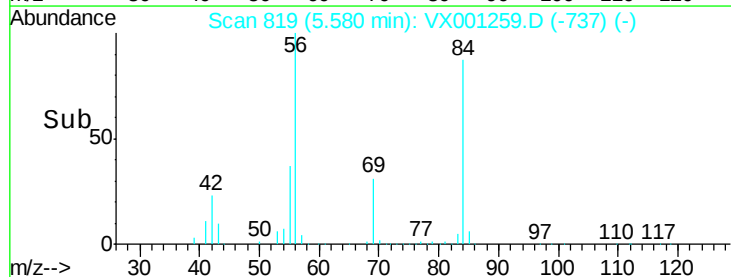
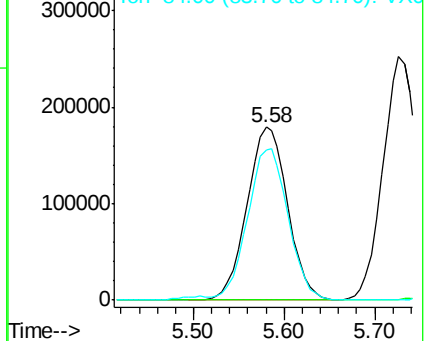
84 87.7 74.8 112.2

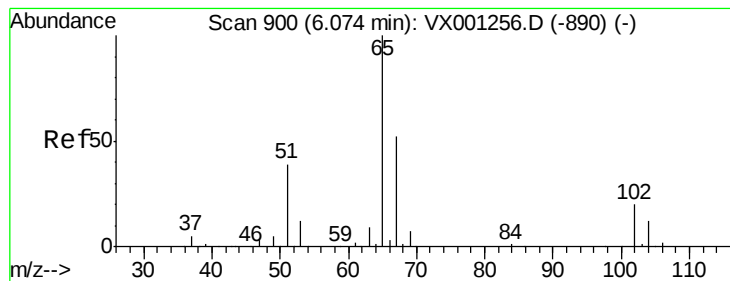


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 14.086 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

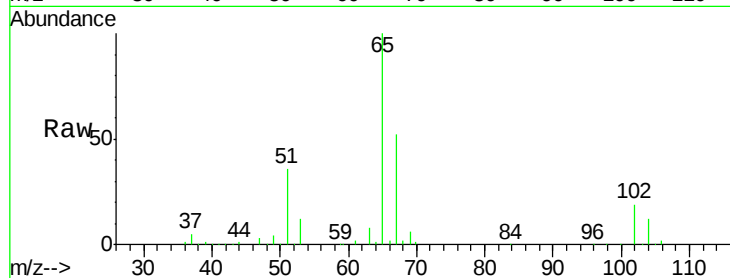
VSTDIC150

Tot Ion: 65 Resp: 85150

Ion Ratio Lower Upper

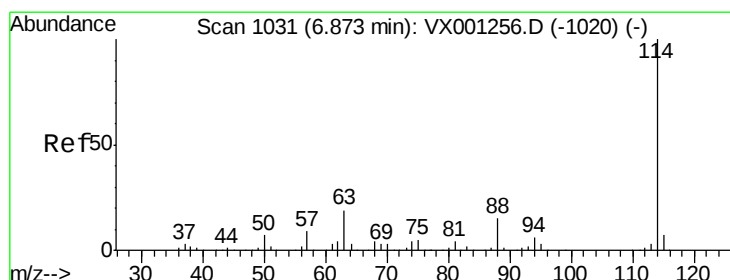
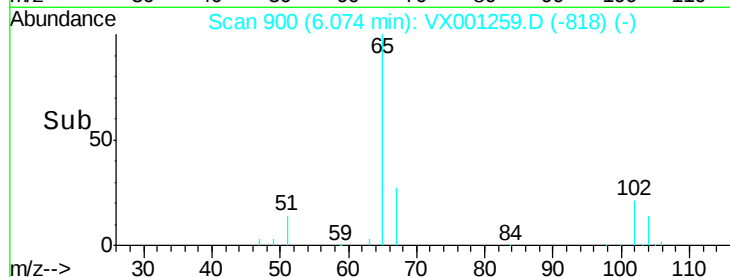
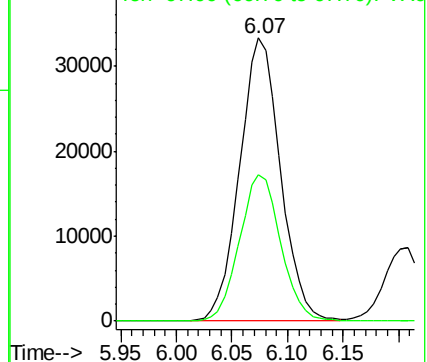
65 100

67 52.1 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: VX001259.D

Acq: 30 Apr 2018 12:18

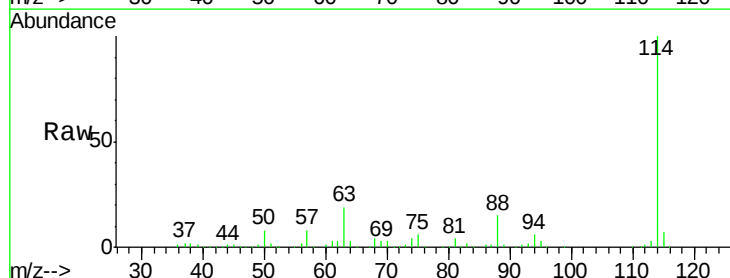
Tgt Ion: 114 Resp: 217576

Ion Ratio Lower Upper

114 100

63 19.8 15.0 22.4

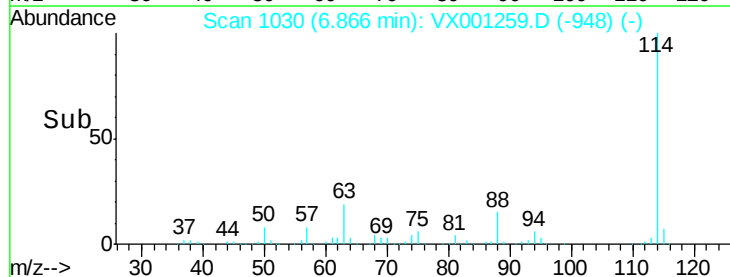
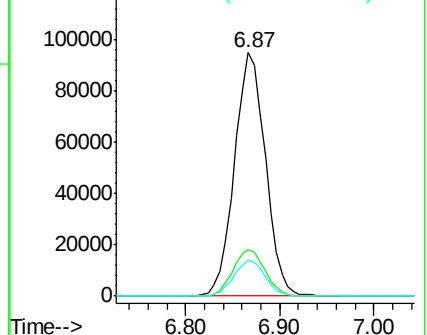
88 15.0 11.8 17.8

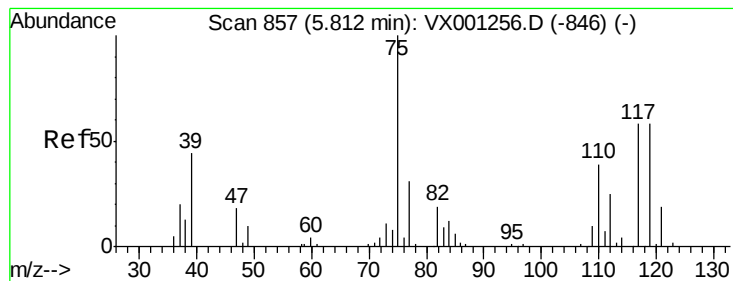


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 154.235 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

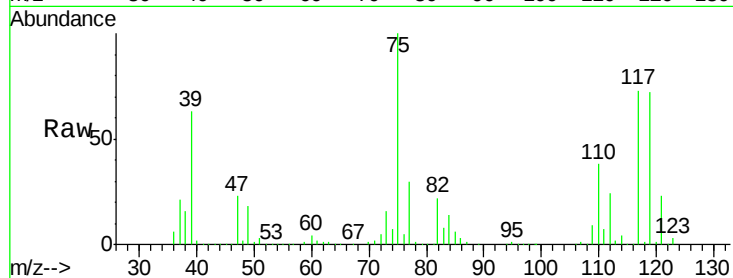
Tot Ion: 75 Resp: 494373

Ion Ratio Lower Upper

75 100

110 37.6 0.0 75.6

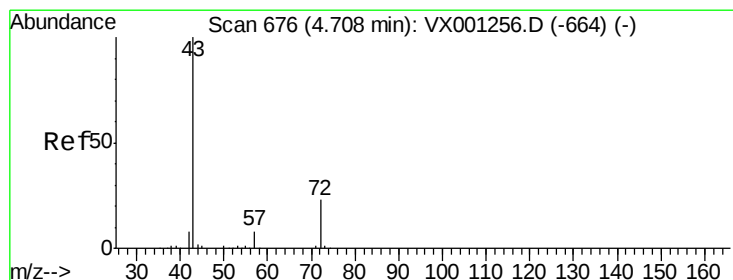
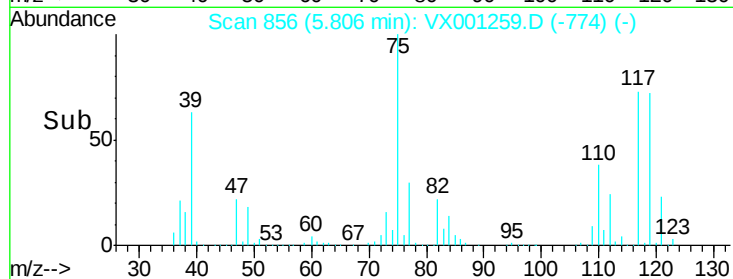
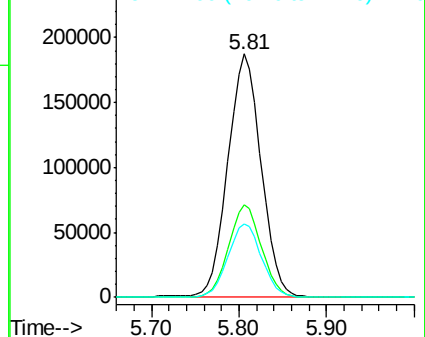
77 30.6 0.0 62.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 154.740 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

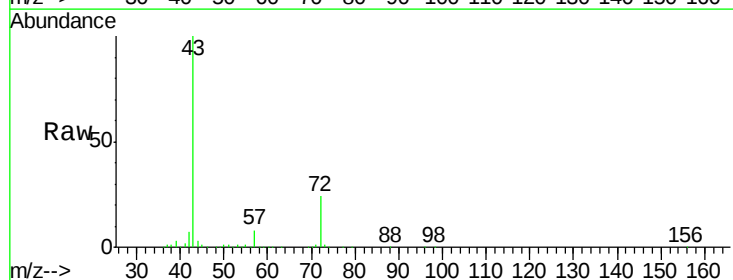
Tgt Ion: 43 Resp: 1270011

Ion Ratio Lower Upper

43 100

57 8.0 6.6 10.0

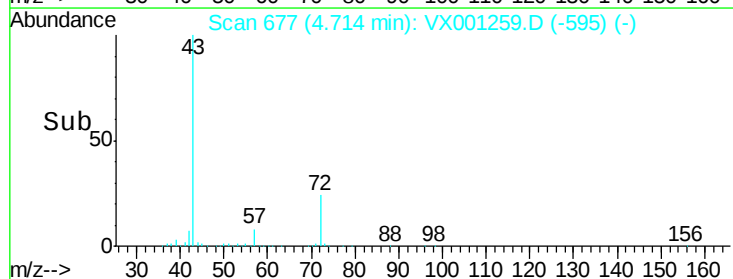
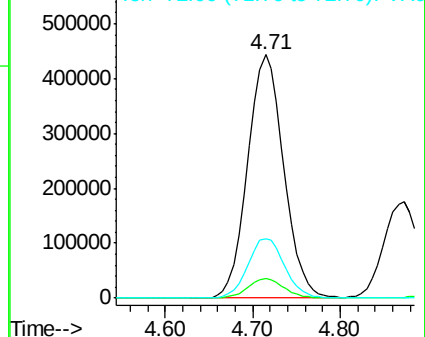
72 25.0 21.8 32.6

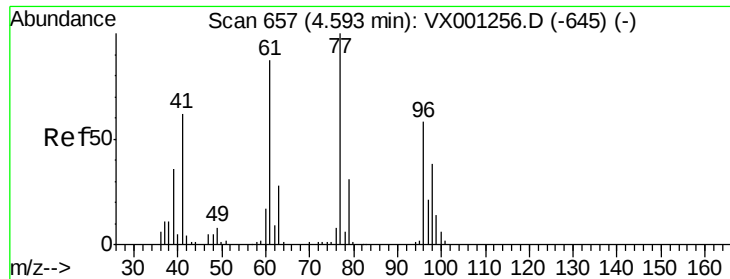


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 153.485 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

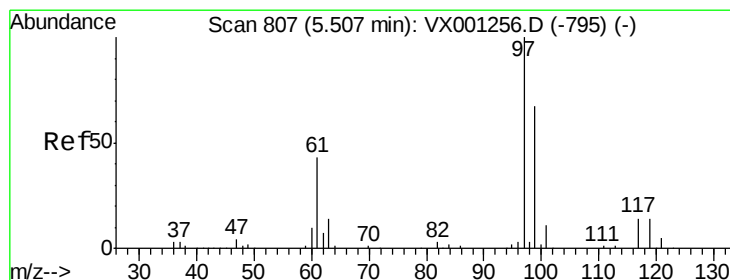
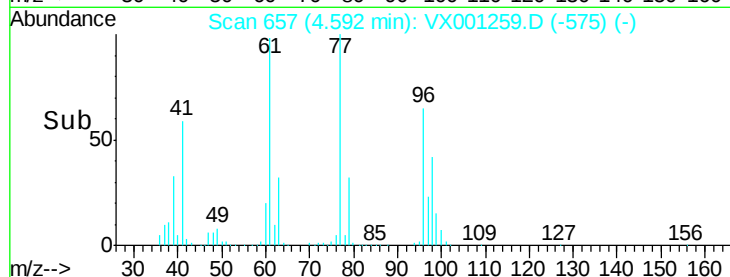
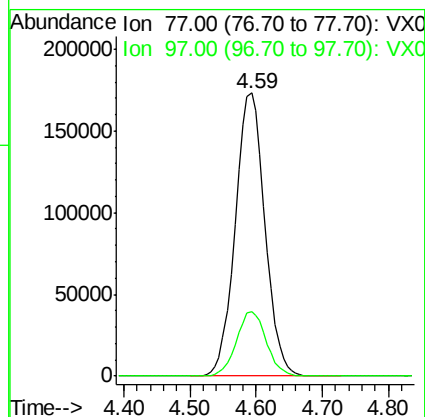
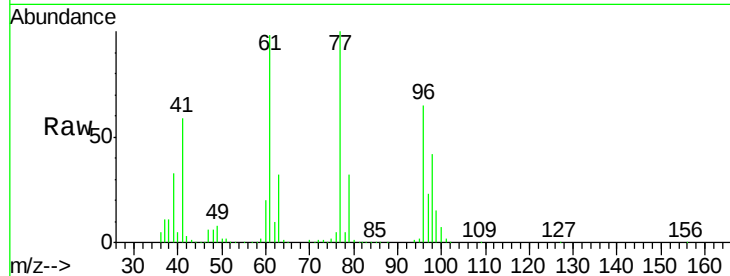
VSTDIC150

Tot Ion: 77 Resp: 537629

Ion Ratio Lower Upper

77 100

97 23.1 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 157.262 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

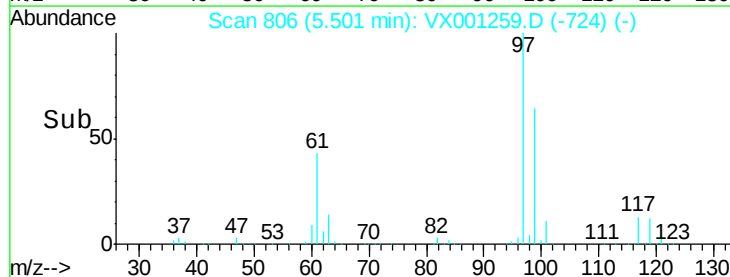
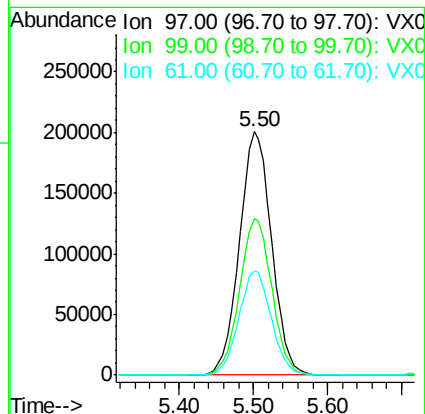
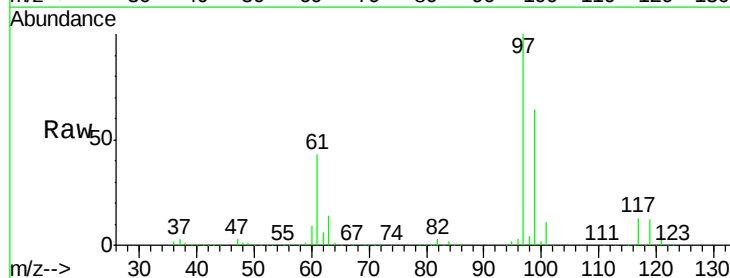
Tgt Ion: 97 Resp: 607482

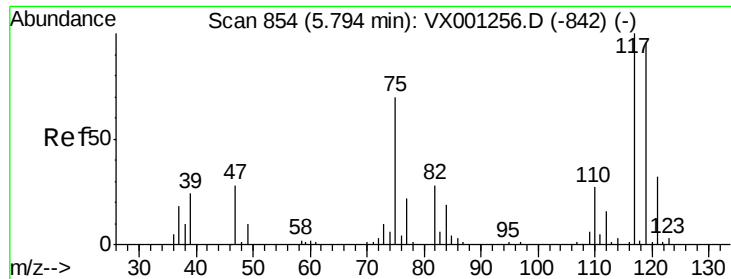
Ion Ratio Lower Upper

97 100

99 64.5 52.3 78.5

61 43.3 34.3 51.5

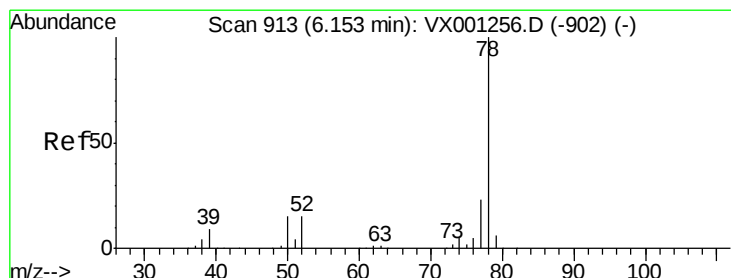
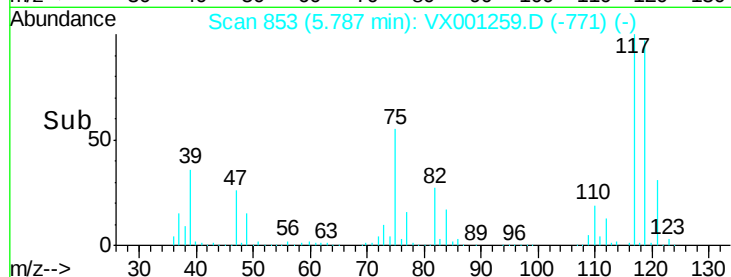
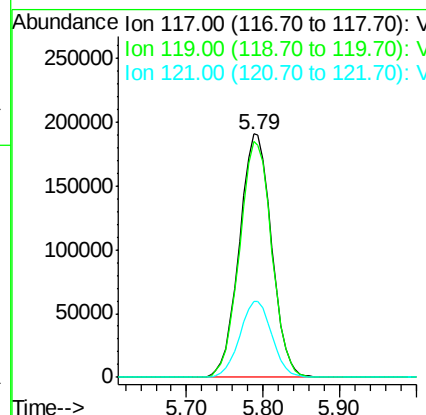
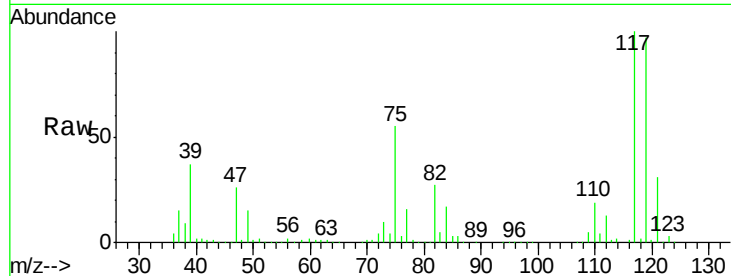




#33
Carbon Tetrachloride
Concen: 160.311 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

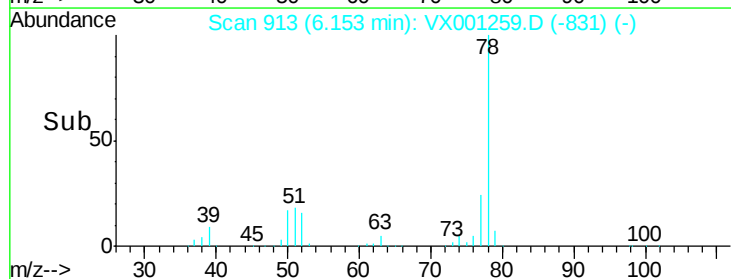
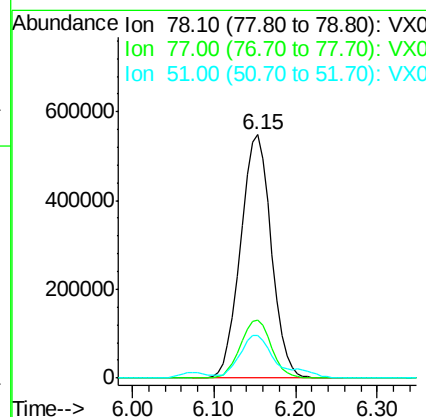
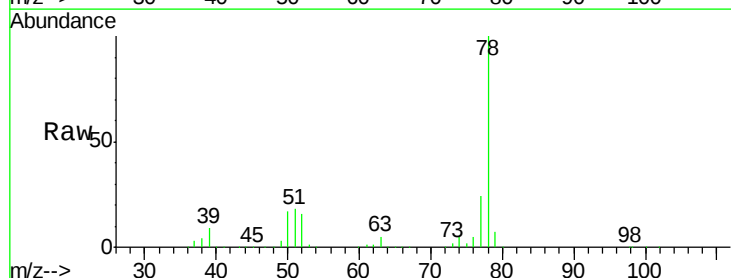
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

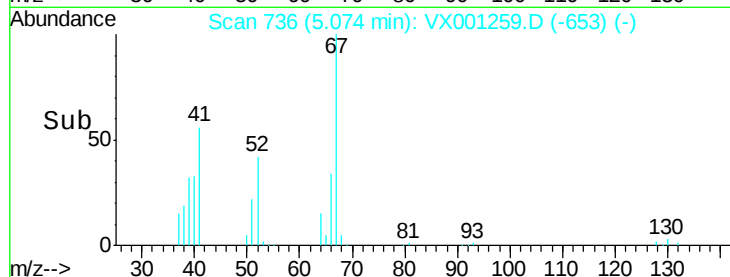
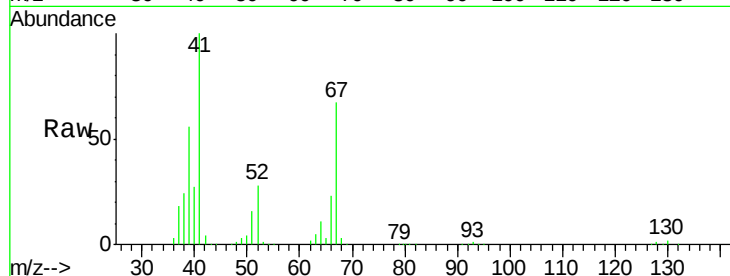
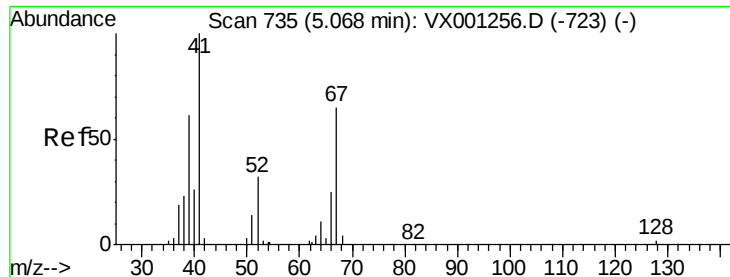
Tot Ion:117 Resp: 555923
Ion Ratio Lower Upper
117 100
119 96.9 73.5 110.3
121 31.2 24.6 37.0



#34
Benzene
Concen: 149.496 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 78 Resp: 1428898
Ion Ratio Lower Upper
78 100
77 23.9 21.7 32.5
51 17.5 14.9 22.3

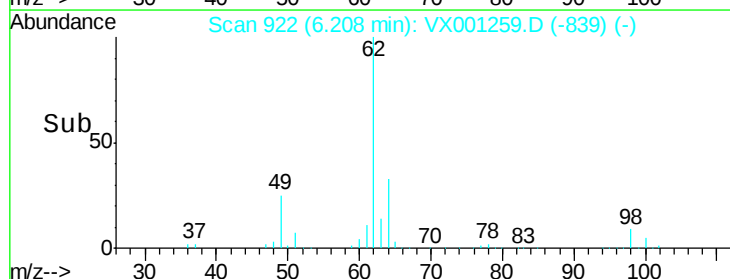
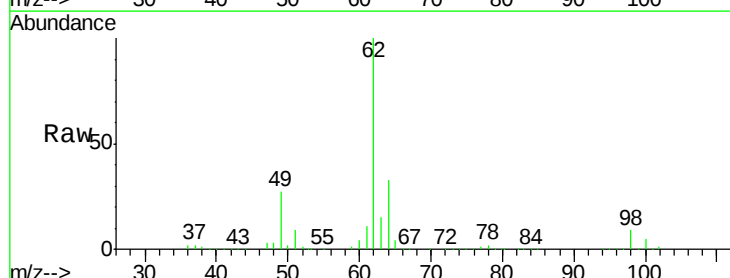
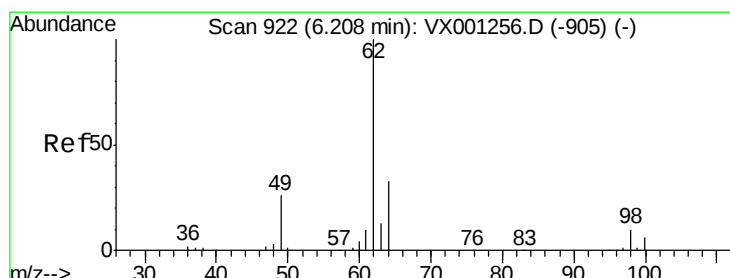
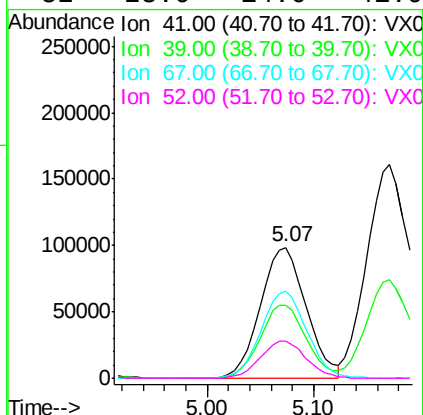




#35
Methacrylonitrile
Concen: 163.129 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

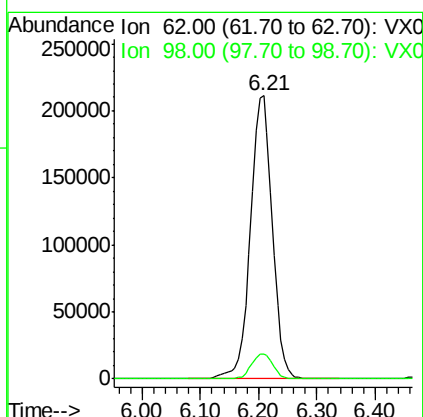
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

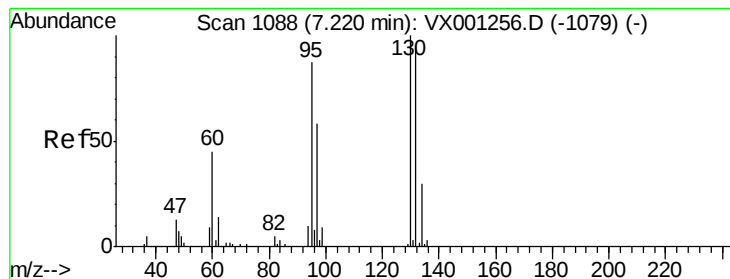
Tot Ion:	41	Resp:	293873
Ion	Ratio	Lower	Upper
41	100		
39	56.2	29.8	89.3
67	67.1	28.7	86.3
52	28.0	14.0	41.9



#36
1,2-Dichloroethane
Concen: 149.869 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion:	62	Resp:	549522
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.9	10.3





#37

Trichloroethene

Concen: 146.600 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

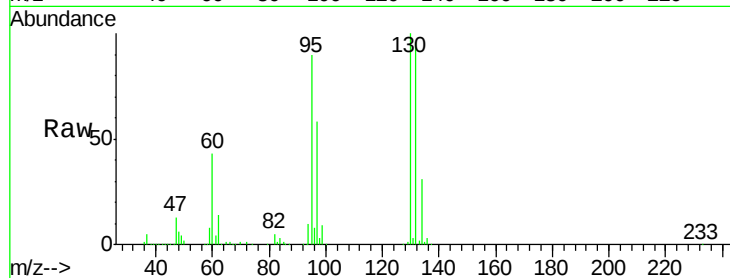
VSTDIC150

Tot Ion:130 Resp: 426538

Ion Ratio Lower Upper

130 100

95 90.5 74.6 112.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

200000

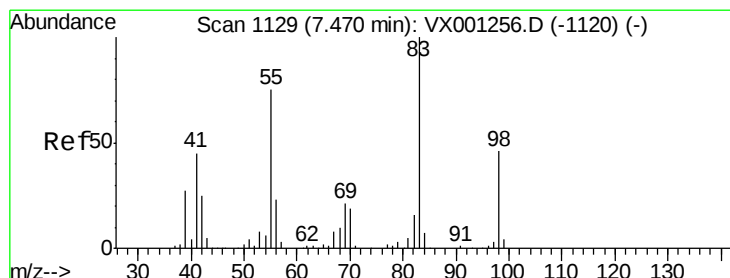
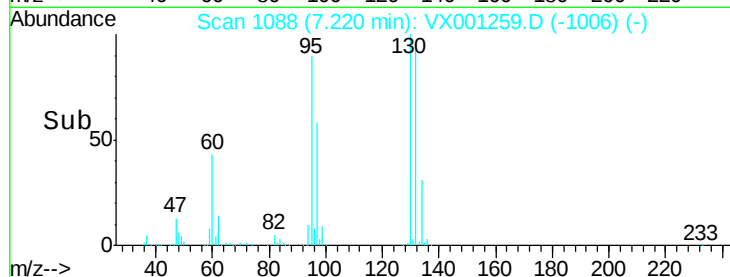
150000

100000

50000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 153.352 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

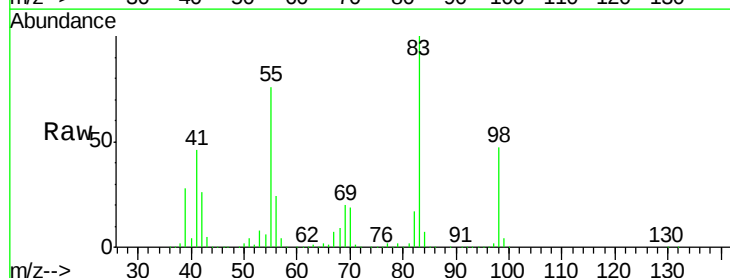
Tgt Ion: 83 Resp: 579068

Ion Ratio Lower Upper

83 100

55 76.5 35.9 107.7

98 47.8 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

7.46

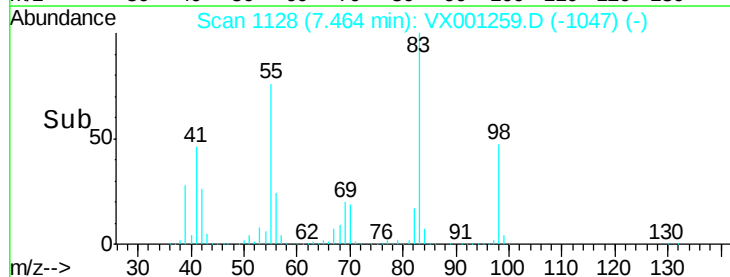
300000

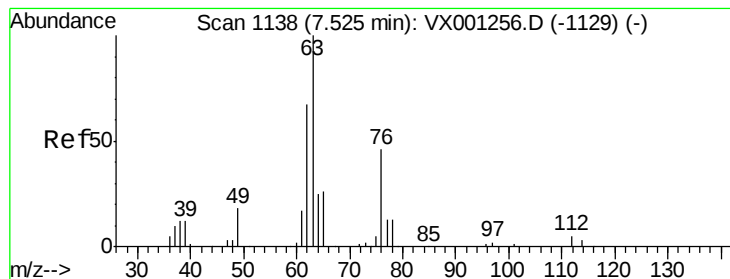
200000

100000

0

Time--> 7.40 7.50 7.60





#39

1,2-Dichloropropane

Concen: 149.664 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

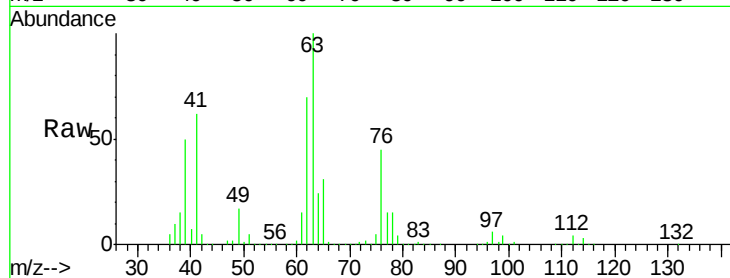
VSTDIC150

Tot Ion: 63 Resp: 362694

Ion Ratio Lower Upper

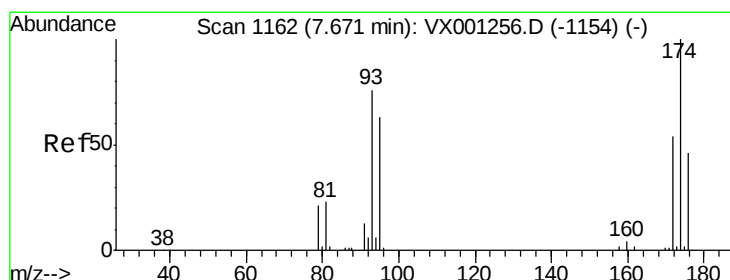
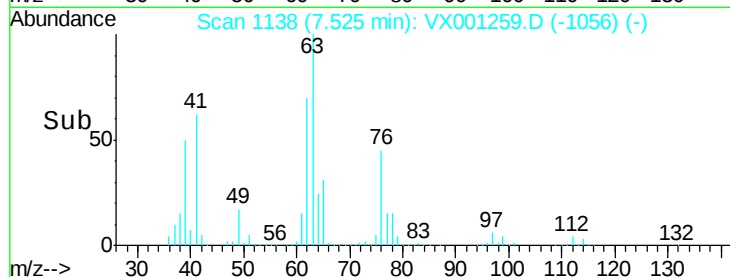
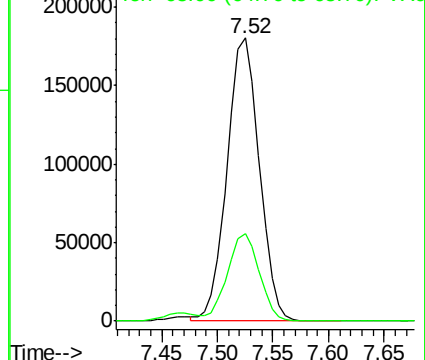
63 100

65 30.8 25.0 37.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 150.921 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

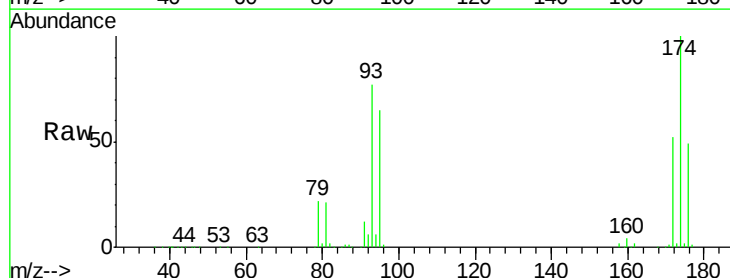
Tgt Ion: 93 Resp: 256868

Ion Ratio Lower Upper

93 100

95 83.9 0.0 170.6

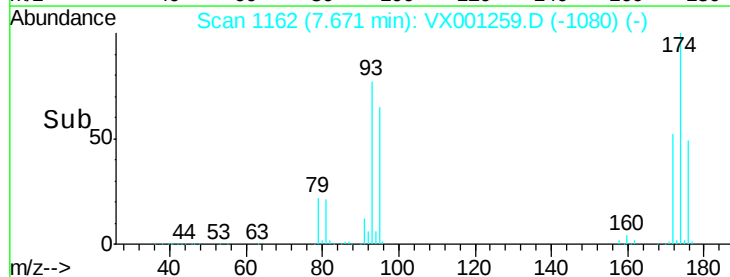
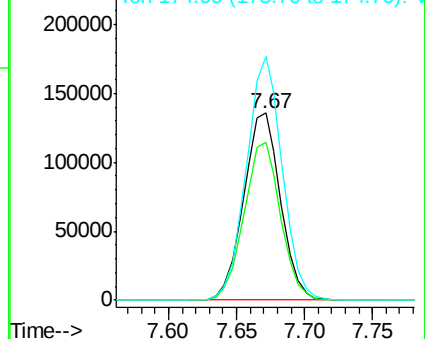
174 126.9 0.0 210.4

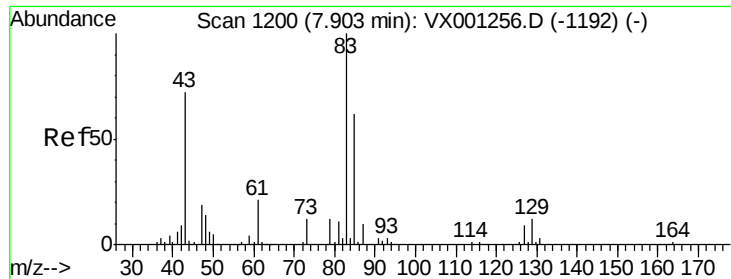


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 163.308 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

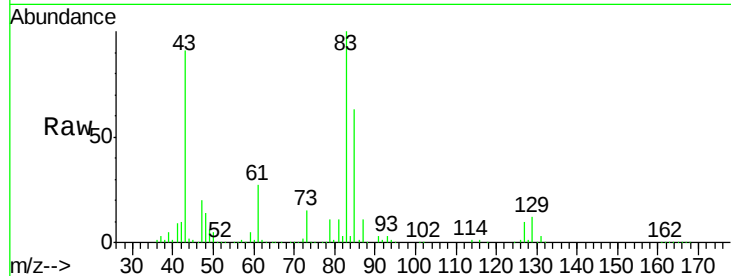
Tot Ion: 83 Resp: 516588

Ion Ratio Lower Upper

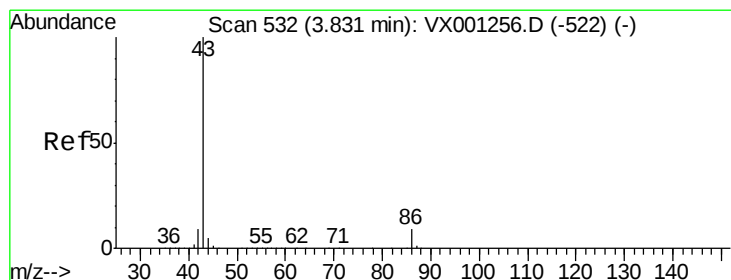
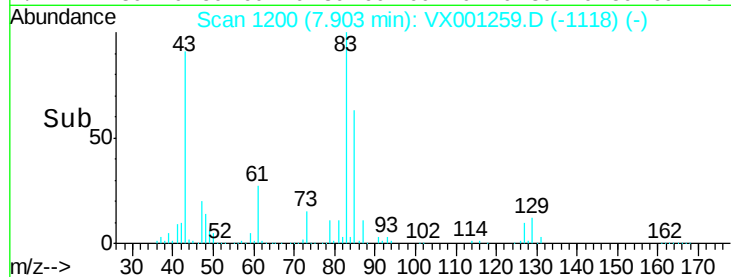
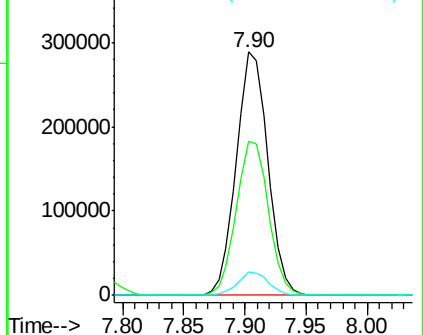
83 100

85 63.1 50.0 75.0

127 9.6 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: 159.050 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001259.D

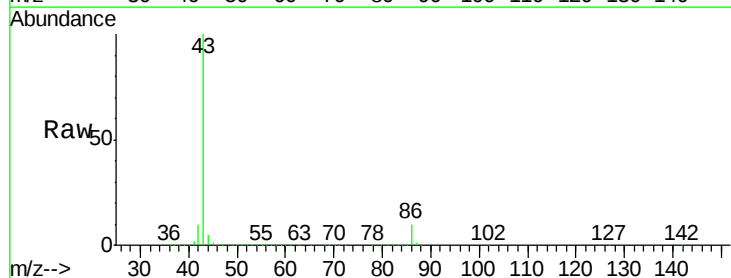
Acq: 30 Apr 2018 12:18

Tgt Ion: 43 Resp: 5105717

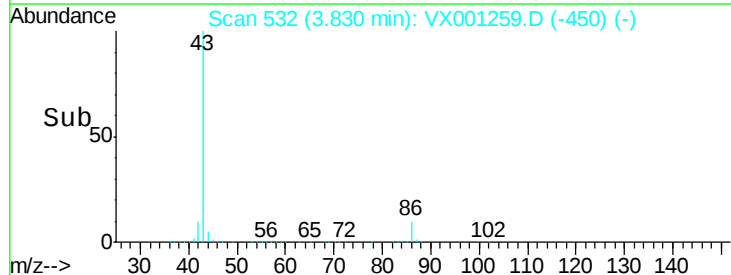
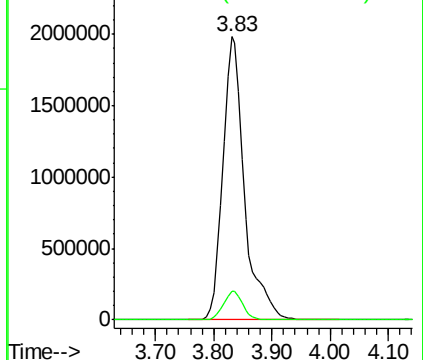
Ion Ratio Lower Upper

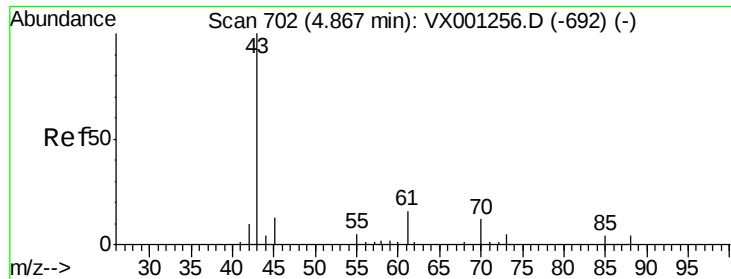
43 100

86 9.0 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

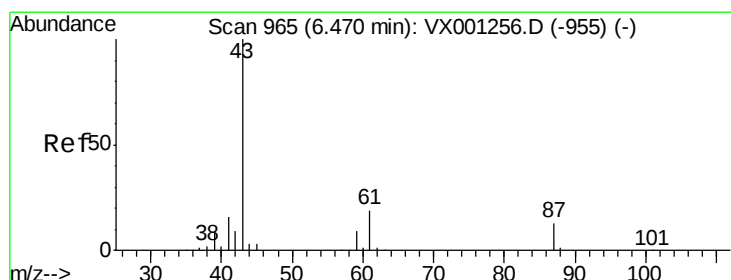
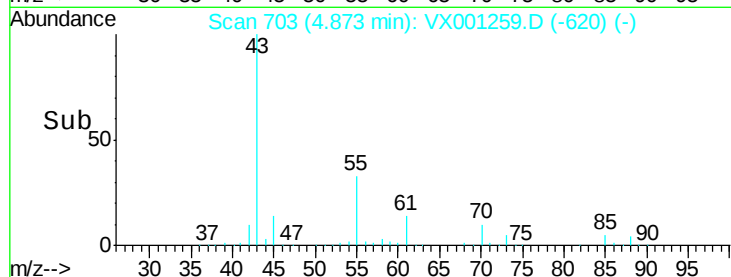
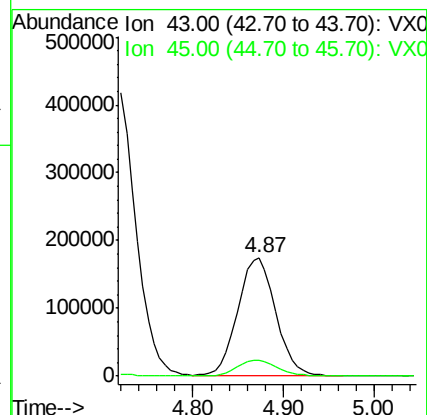
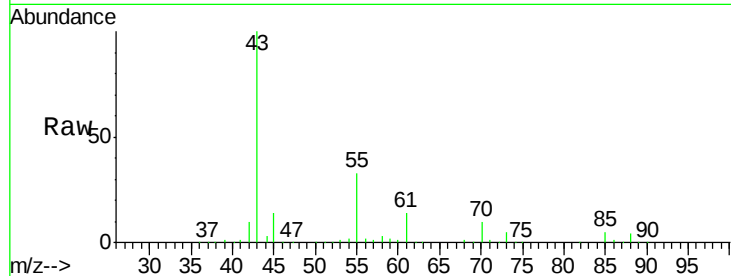




#43
Ethyl Acetate
Concen: 160.887 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

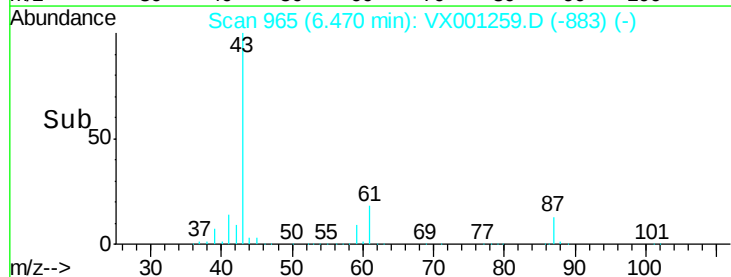
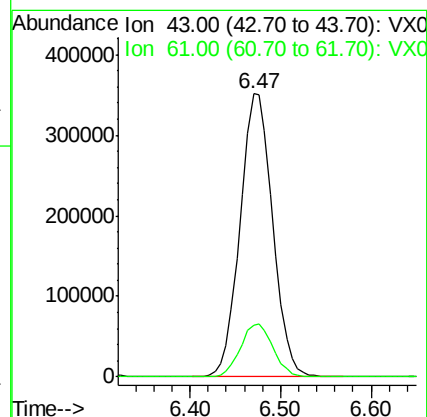
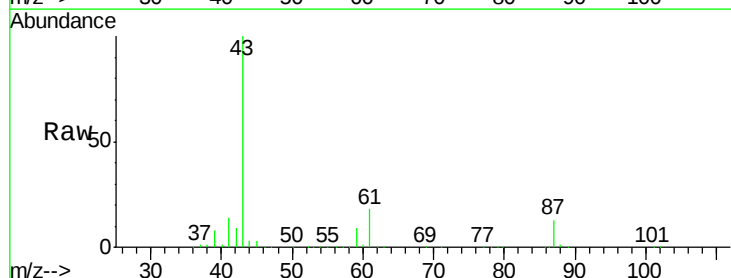
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

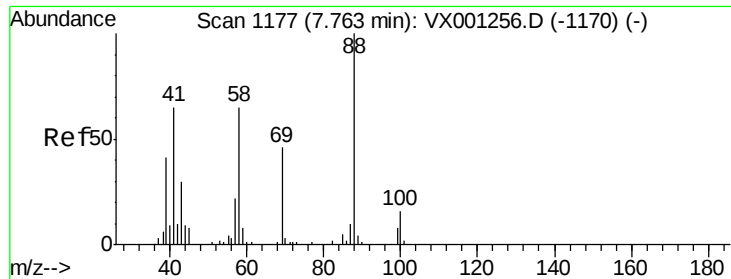
Tot Ion: 43 Resp: 504473
Ion Ratio Lower Upper
43 100
45 14.6 11.4 17.0



#44
Isopropyl Acetate
Concen: 164.264 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 43 Resp: 872535
Ion Ratio Lower Upper
43 100
61 18.6 15.7 23.5

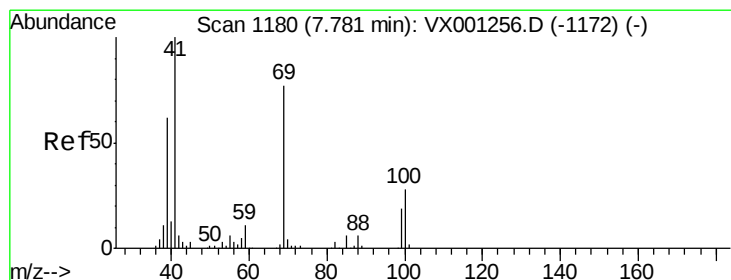
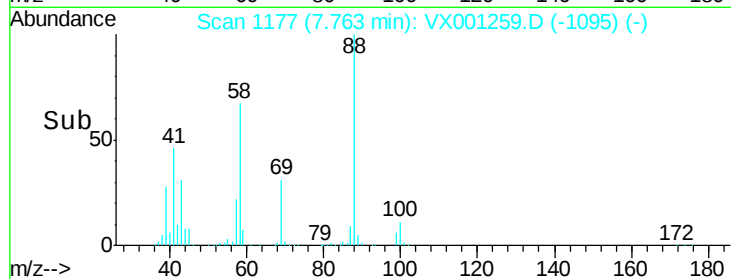
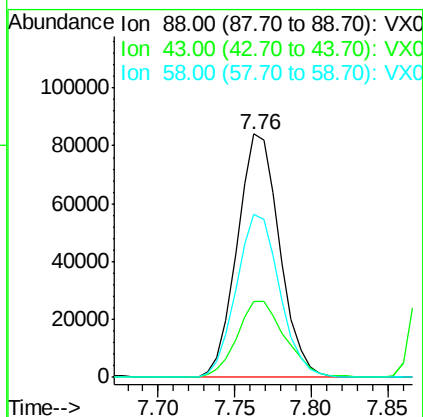
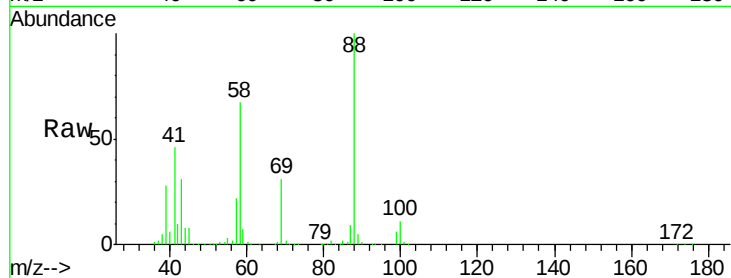




#45
 1,4-Dioxane
 Concen: 168.858 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

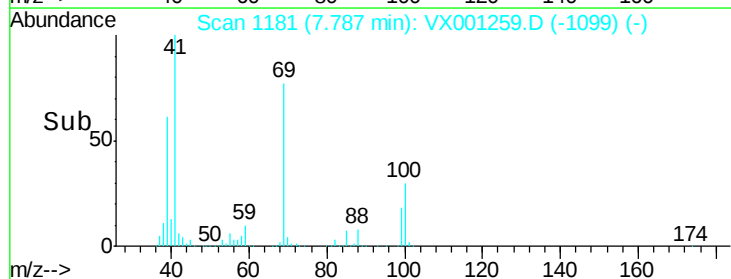
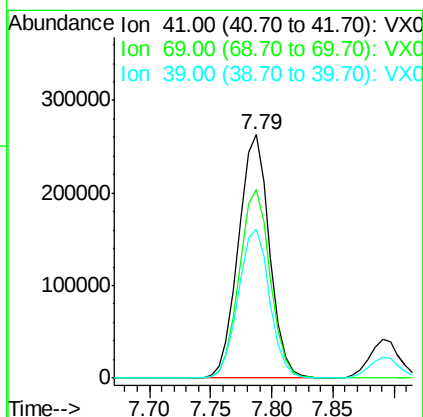
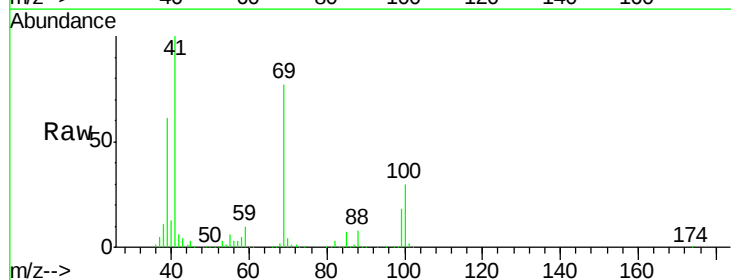
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

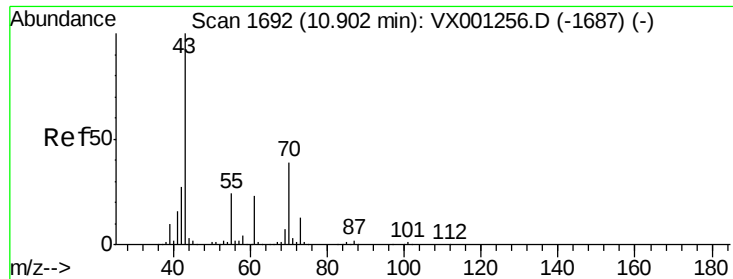
Tot Ion: 88 Resp: 162080
 Ion Ratio Lower Upper
 88 100
 43 35.2 26.8 40.2
 58 68.6 52.1 78.1



#46
 Methyl methacrylate
 Concen: 168.497 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion: 41 Resp: 463074
 Ion Ratio Lower Upper
 41 100
 69 77.4 45.5 136.5
 39 61.1 32.5 97.5





#47

n-amvl Acetate

Concen: 182.276 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

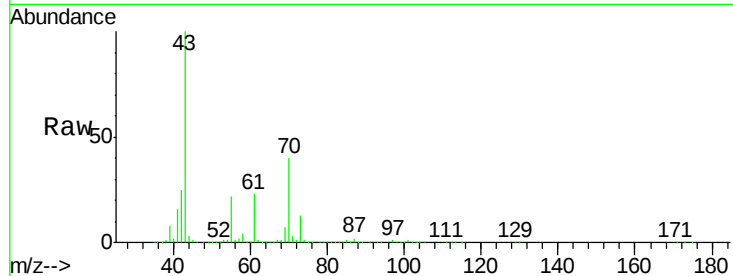
VSTDIC150

Tot Ion: 43 Resp: 907745

Ion Ratio Lower Upper

43 100

55 22.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.91

800000

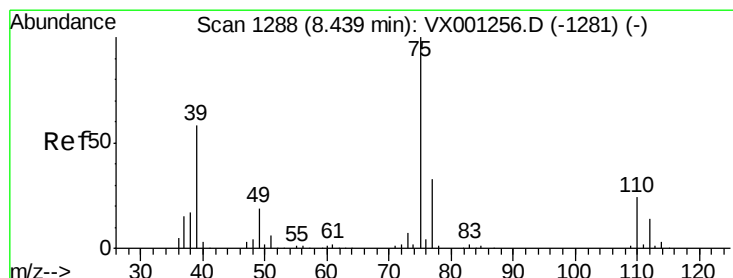
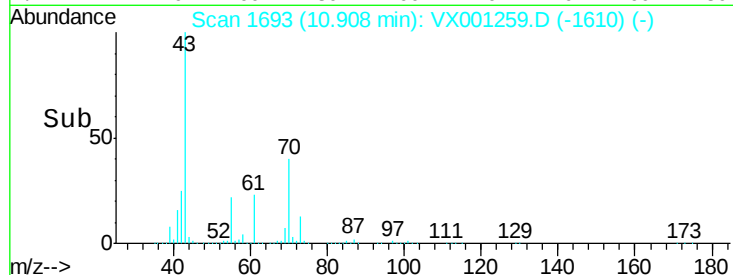
600000

400000

200000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 168.119 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001259.D

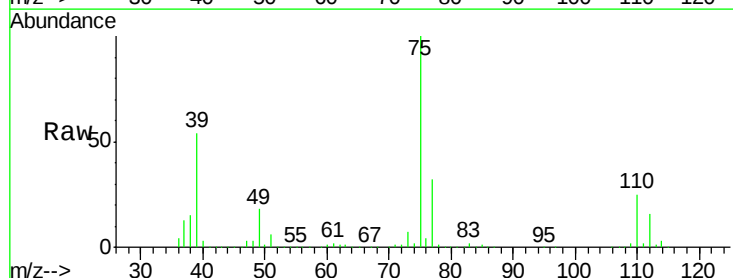
Acq: 30 Apr 2018 12:18

Tgt Ion: 75 Resp: 622115

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.45

400000

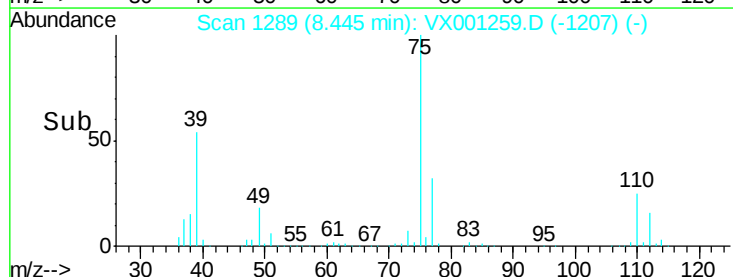
300000

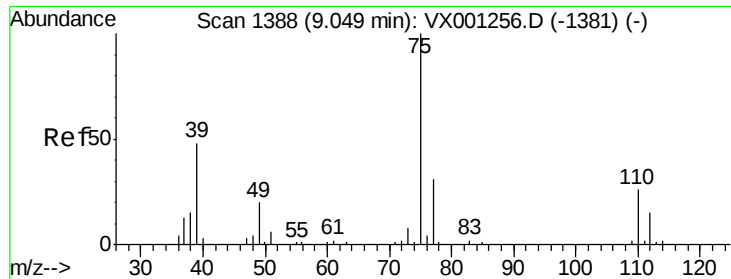
200000

100000

0

Time-->

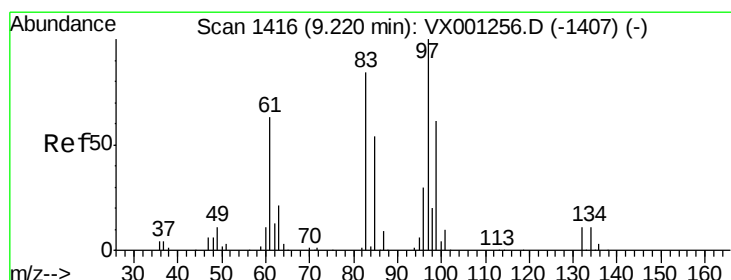
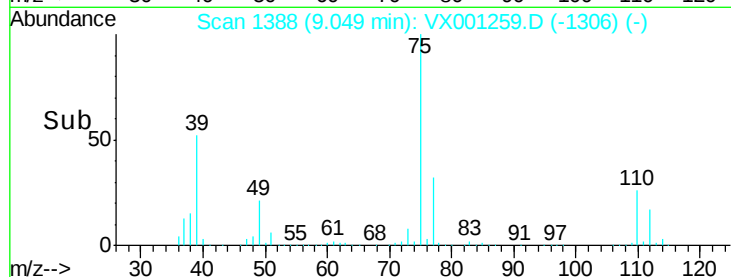
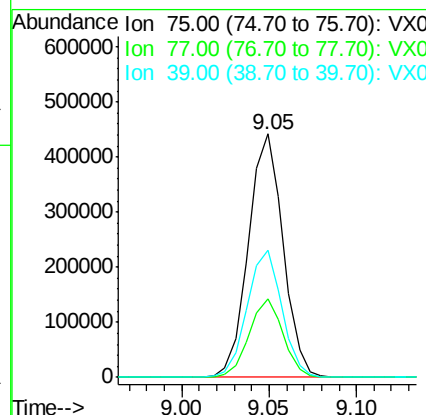
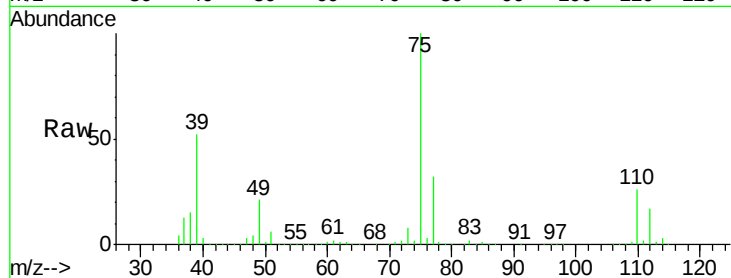




#49
 cis-1,3-Dichloropropene
 Concen: 172.529 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

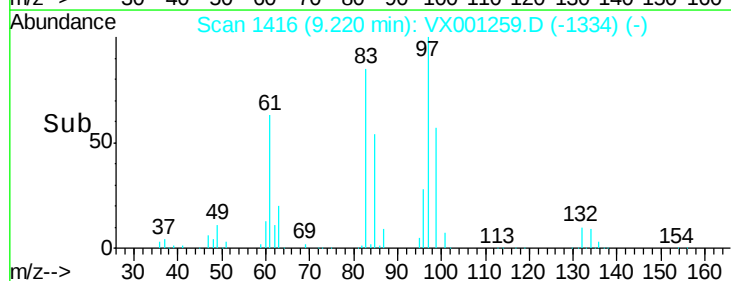
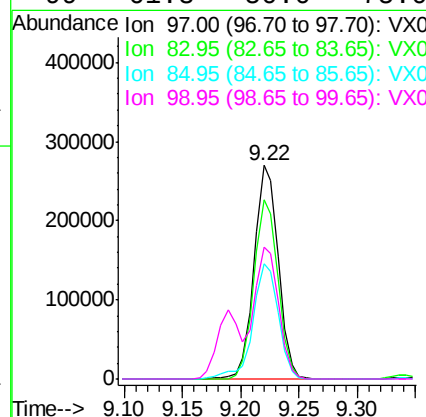
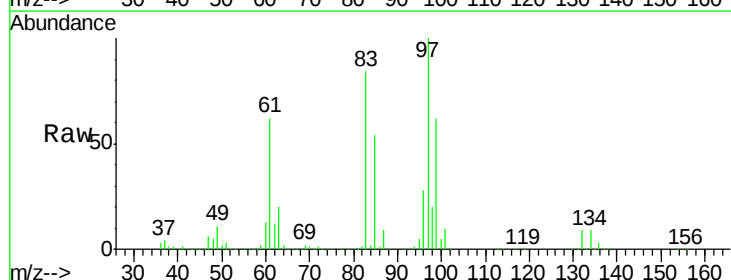
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

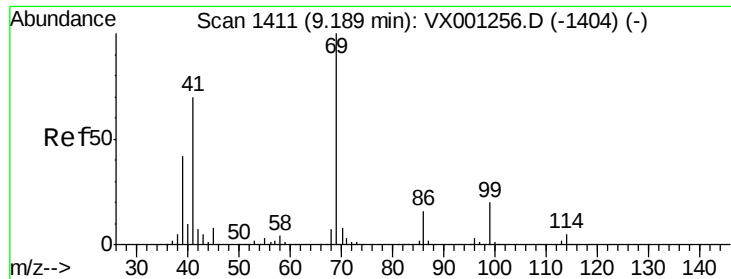
Tot Ion: 75 Resp: 608046
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.5 36.7
 39 52.2 35.6 53.4



#50
 1,1,2-Trichloroethane
 Concen: 156.204 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion: 97 Resp: 392085
 Ion Ratio Lower Upper
 97 100
 83 84.0 66.9 100.3
 85 54.0 44.4 66.6
 99 61.8 50.0 75.0





#51

Ethyl methacrylate

Concen: 173.521 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

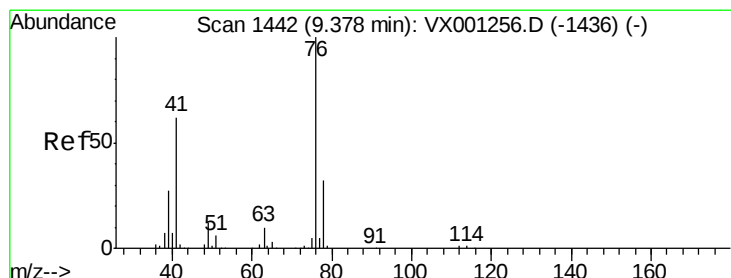
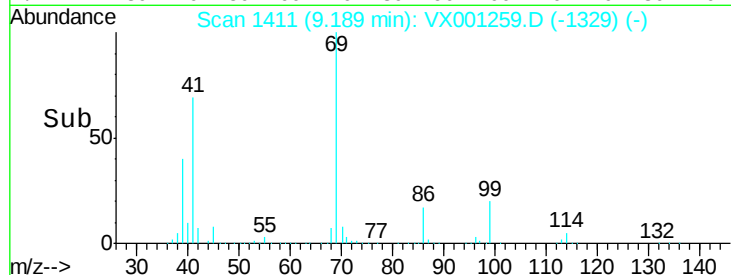
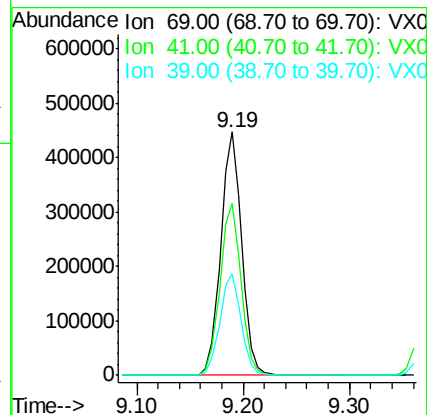
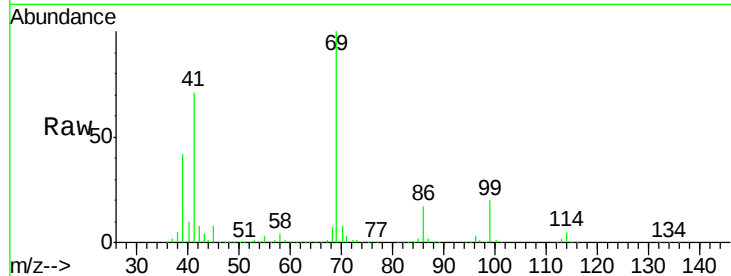
Tot Ion: 69 Resp: 606710

Ion Ratio Lower Upper

69 100

41 70.8 32.1 96.3

39 41.5 19.6 58.7



#52

1,3-Dichloropropane

Concen: 153.752 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001259.D

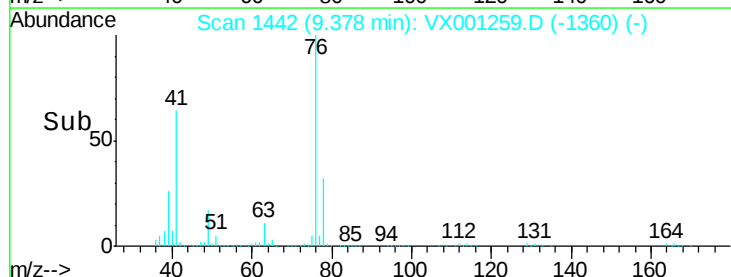
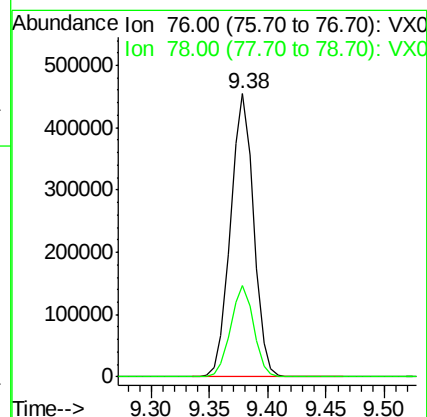
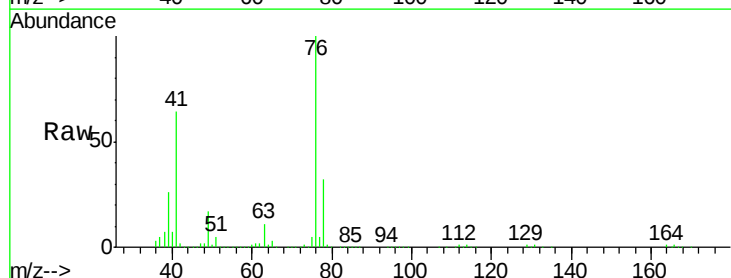
Acq: 30 Apr 2018 12:18

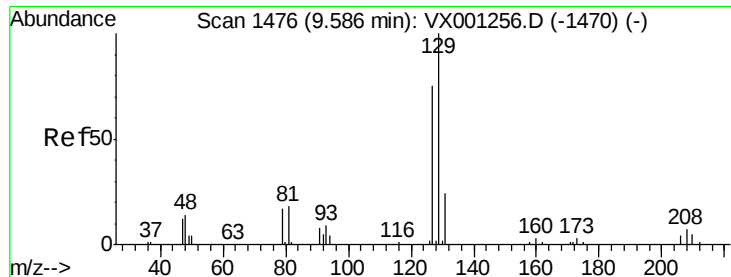
Tgt Ion: 76 Resp: 625866

Ion Ratio Lower Upper

76 100

78 32.1 0.0 65.0





#53

Dibromochloromethane

Concen: 172.678 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

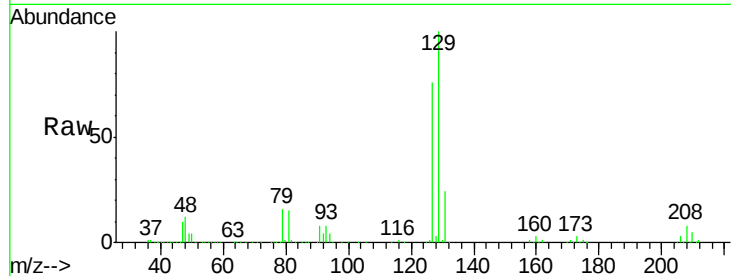
VSTDIC150

Tot Ion:129 Resp: 468200

Ion Ratio Lower Upper

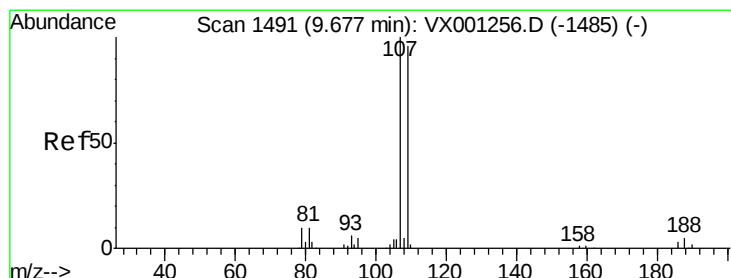
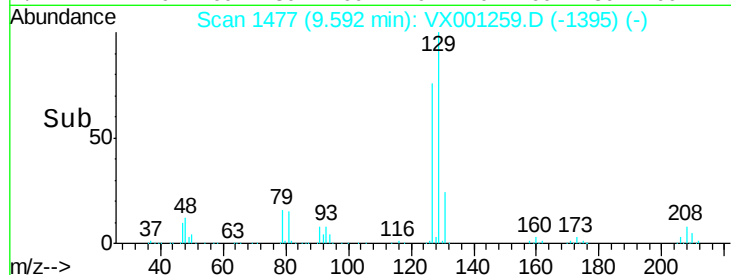
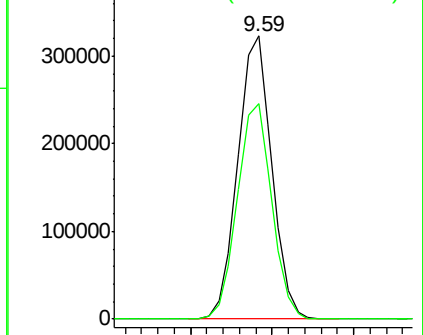
129 100

127 77.1 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: 158.543 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001259.D

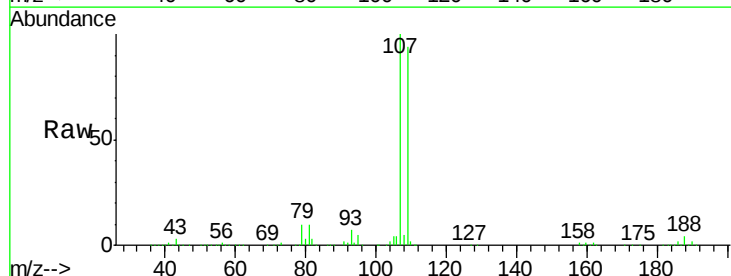
Acq: 30 Apr 2018 12:18

Tgt Ion:107 Resp: 424627

Ion Ratio Lower Upper

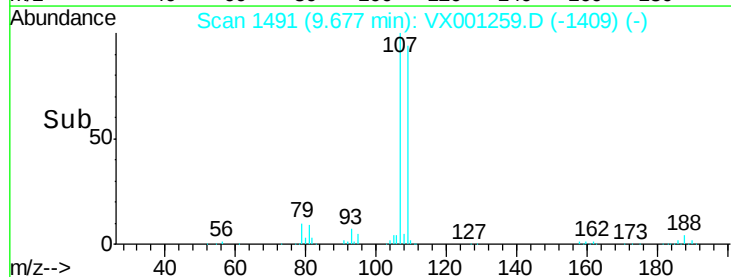
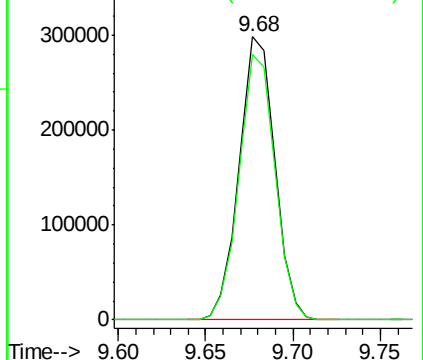
107 100

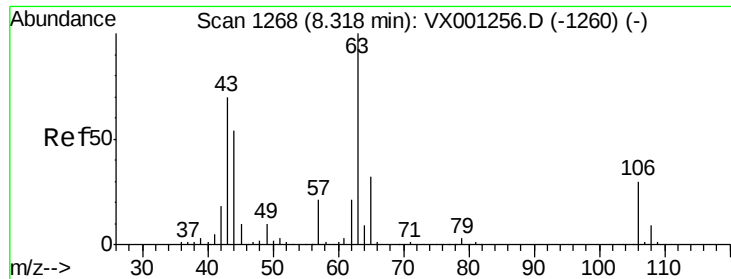
109 94.5 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

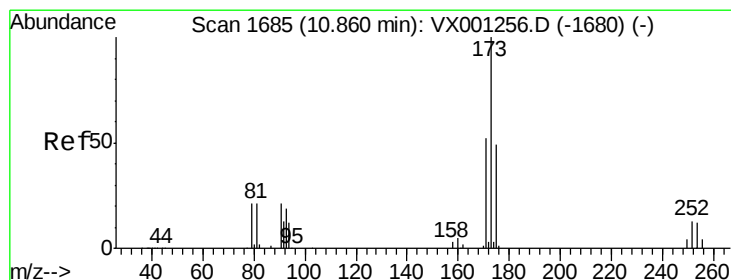
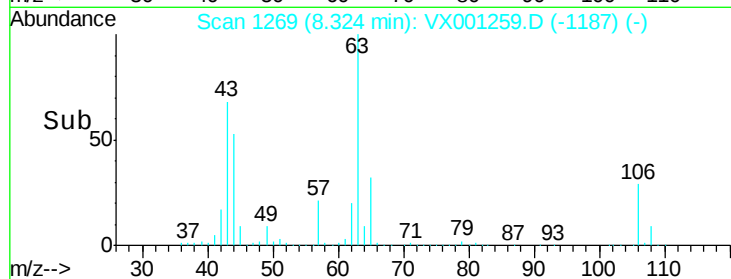
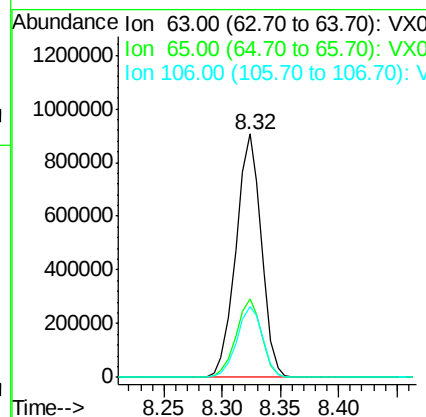
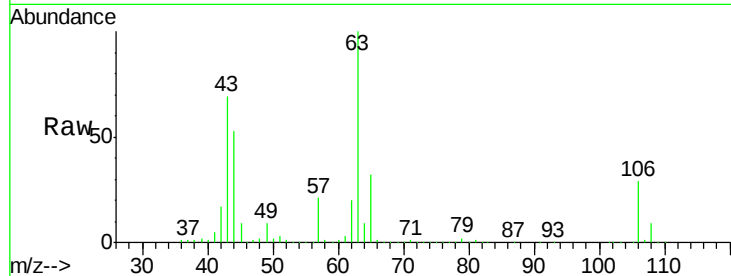




#55
 2-Chloroethyl vinyl ether
 Concen: 157.795 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

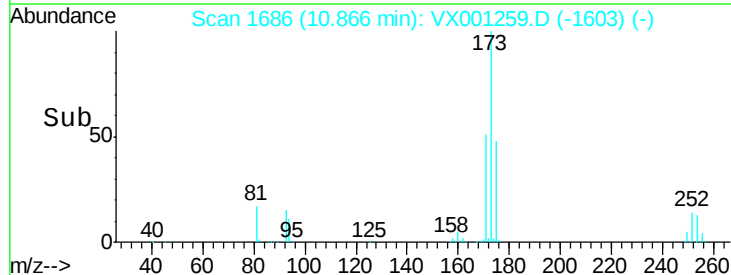
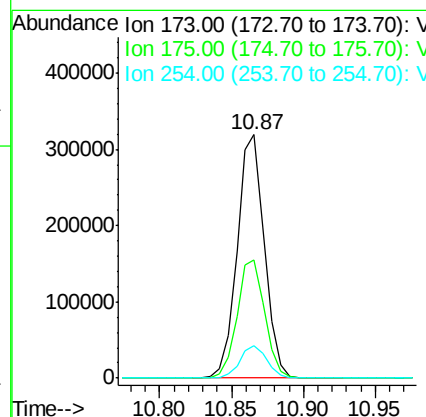
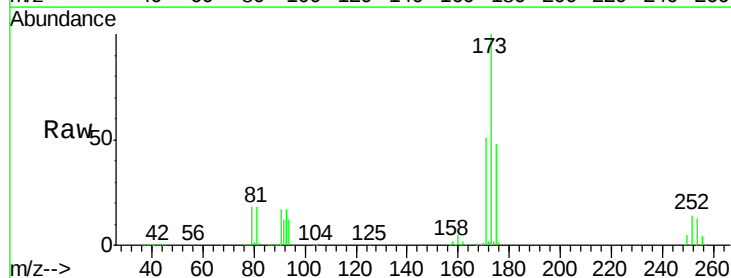
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

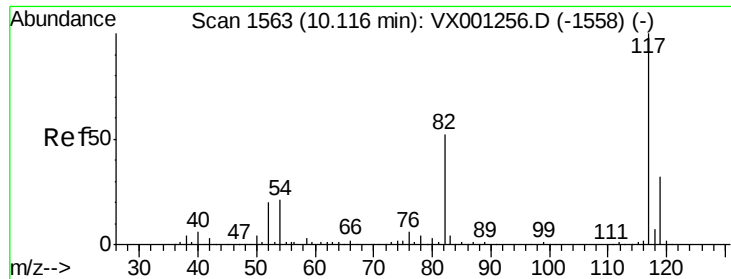
Tot Ion: 63 Resp: 1379405
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.8 38.8
 106 29.4 23.8 35.6



#56
 Bromoform
 Concen: 194.972 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion:173 Resp: 420548
 Ion Ratio Lower Upper
 173 100
 175 49.0 39.0 58.4
 254 13.0 7.0 10.4#

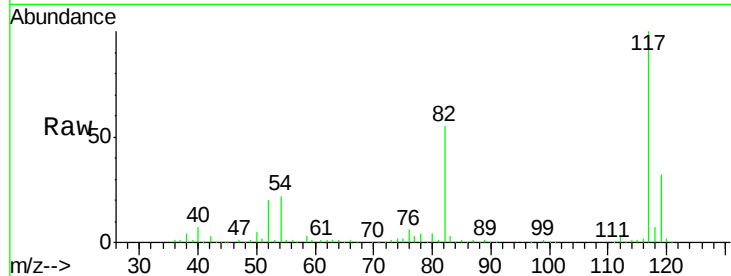




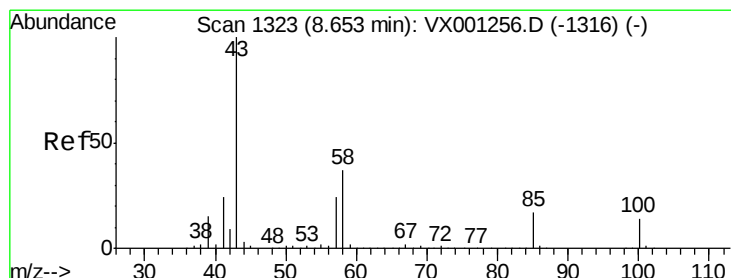
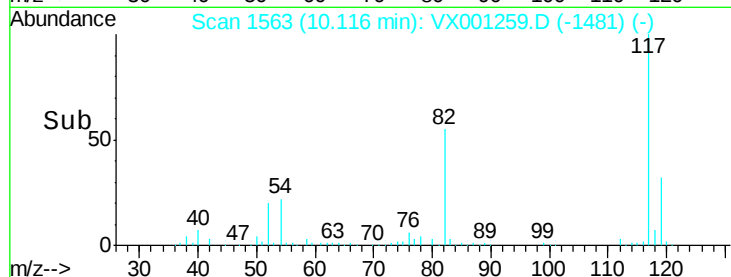
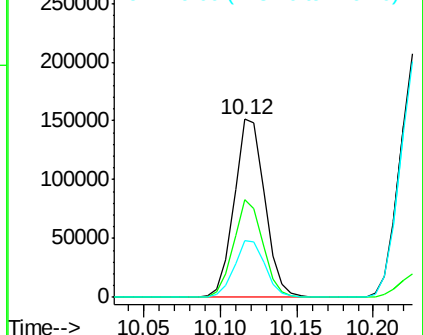
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion:117 Resp: 210252
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.9 25.8 38.8

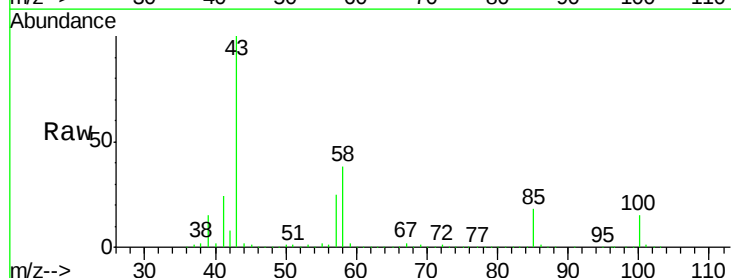


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

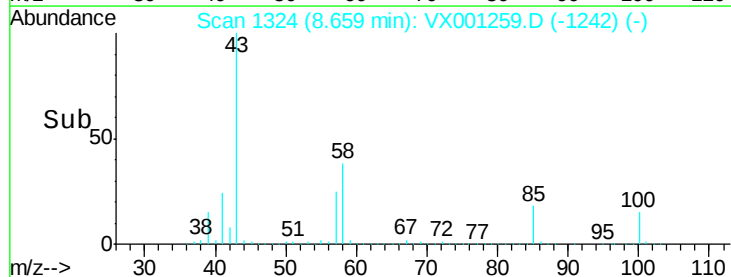
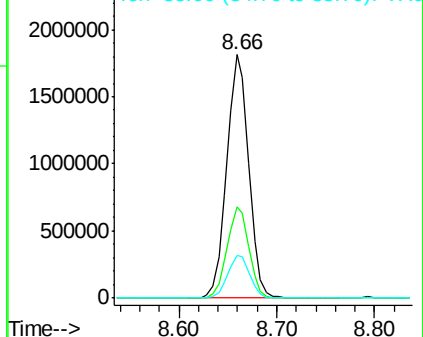


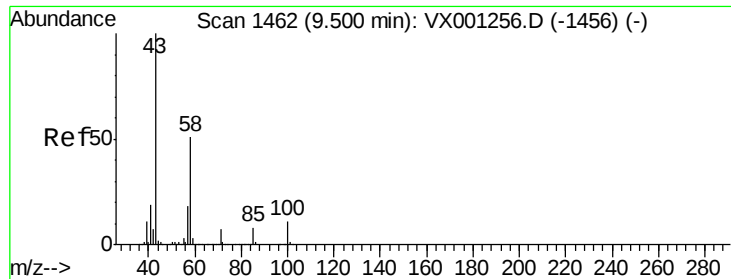
#58
4-Methyl-2-Pentanone
Concen: 164.043 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 43 Resp: 2809613
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.8
85 17.7 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

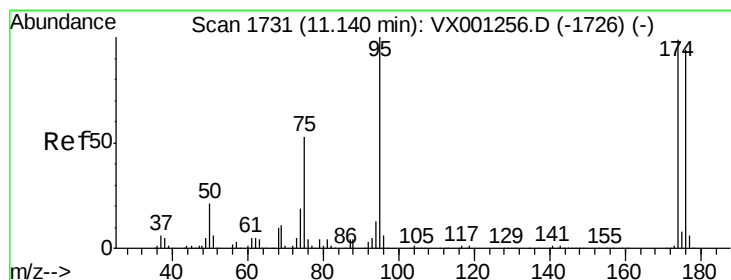
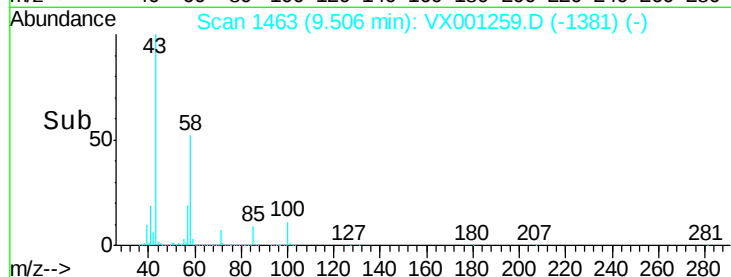
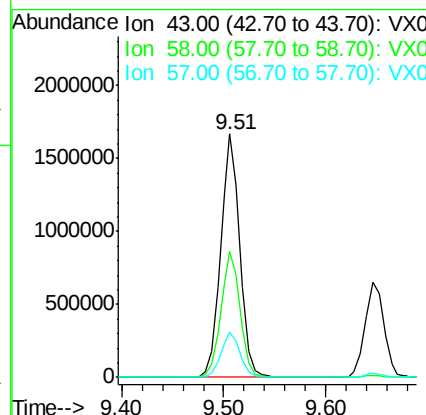
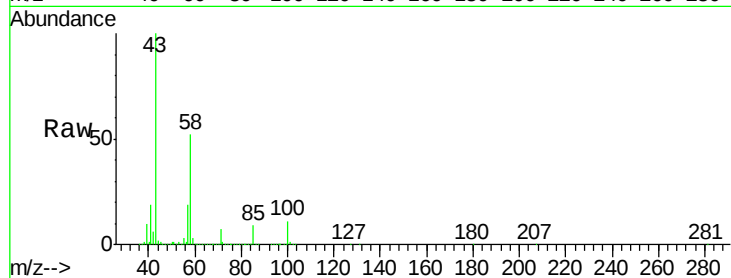




#59
2-Hexanone
Concen: 163.619 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

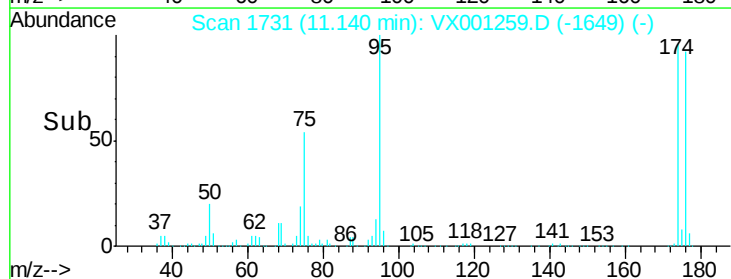
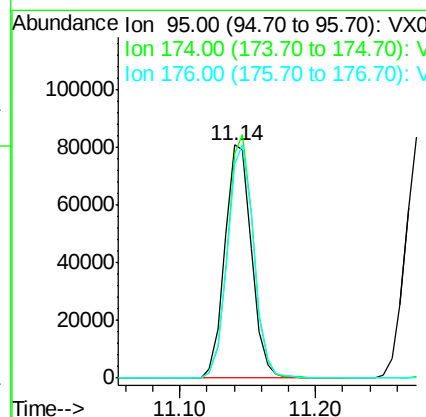
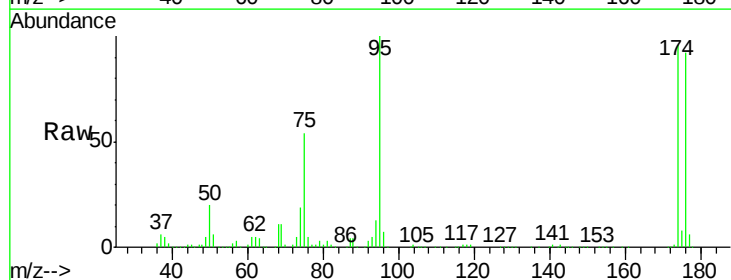
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

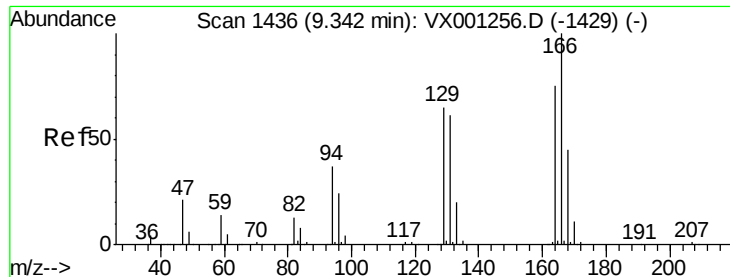
Tot Ion: 43 Resp: 2184629
Ion Ratio Lower Upper
43 100
58 51.8 43.0 64.6
57 18.7 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 15.610 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 95 Resp: 109676
Ion Ratio Lower Upper
95 100
174 101.2 71.1 106.7
176 98.0 69.3 103.9

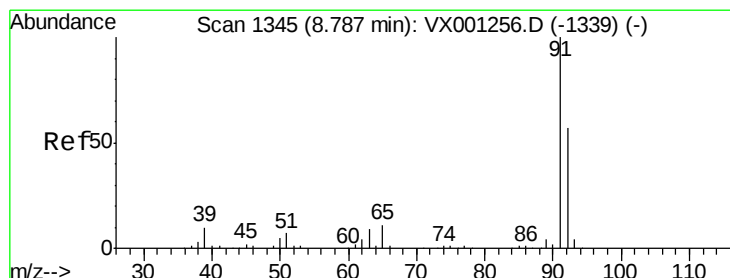
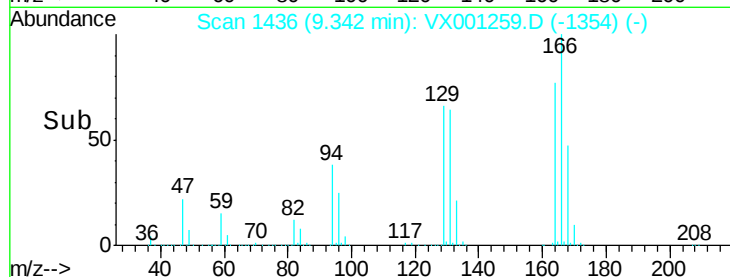
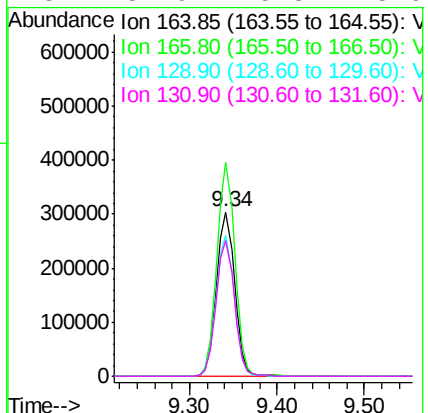
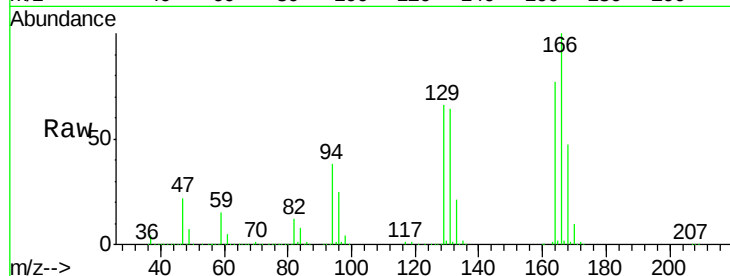




#61
Tetrachloroethene
Concen: 132.847 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

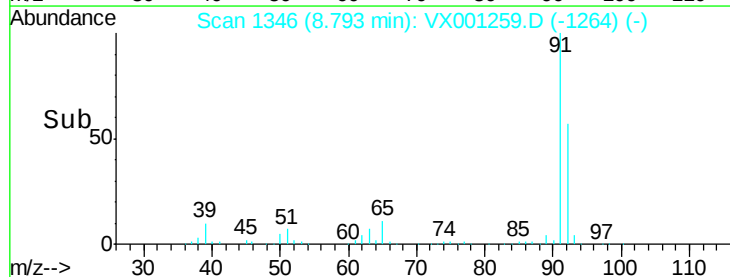
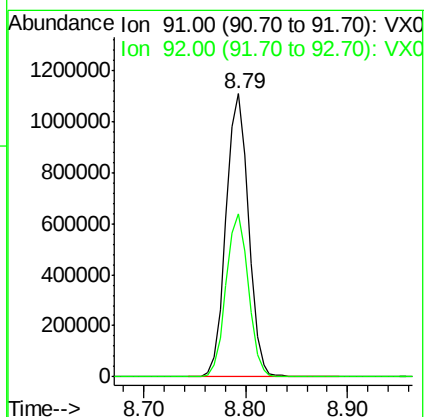
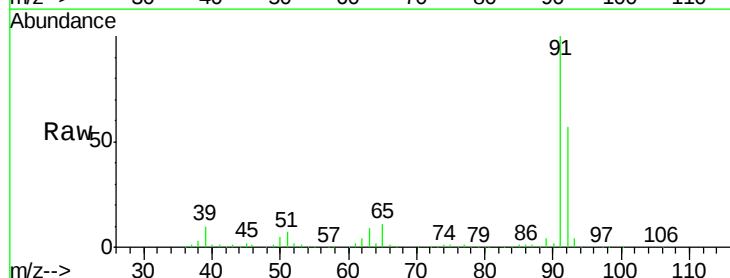
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

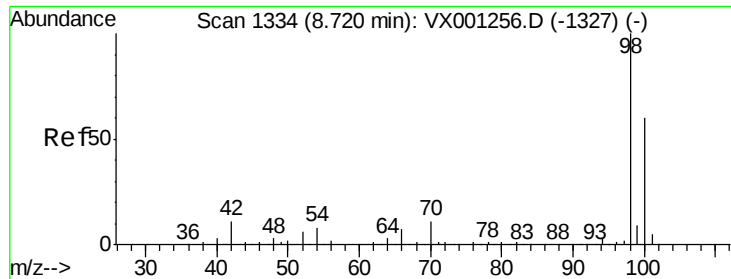
Tot Ion	Ratio	Lower	Upper
164	100		
166	130.1	99.0	148.4
129	85.9	77.0	115.6
131	82.9	75.8	113.6



#62
Toluene
Concen: 149.301 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.5	45.4	68.0

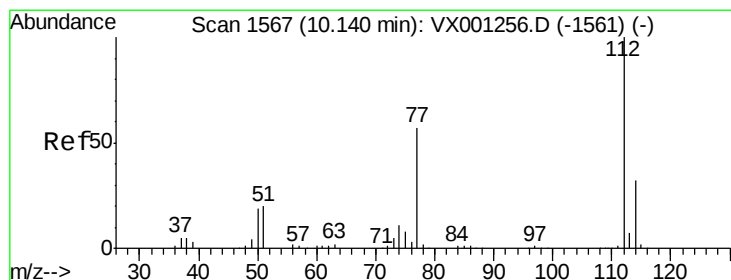
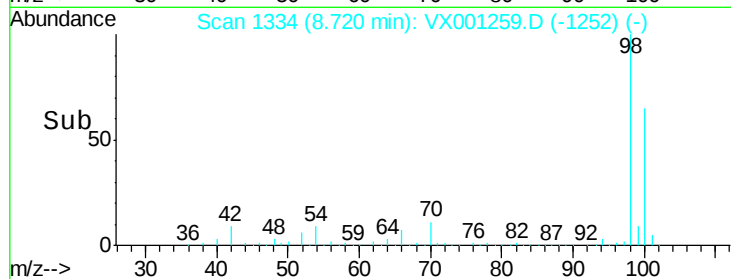
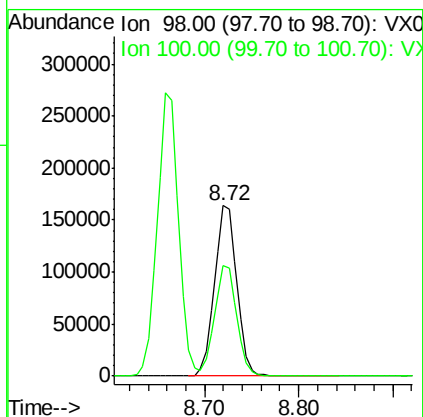
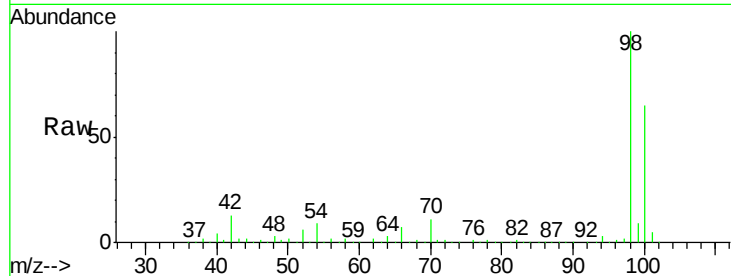




#63
Toluene-d8
Concen: 14.082 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

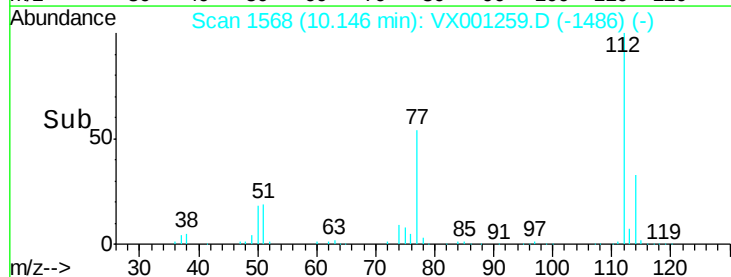
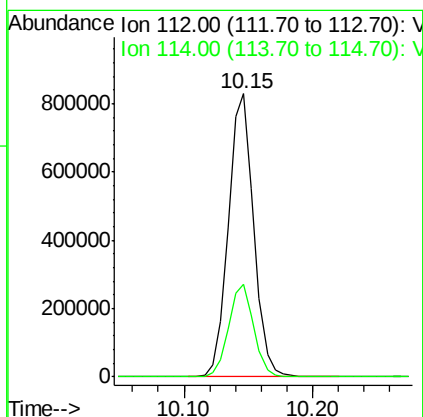
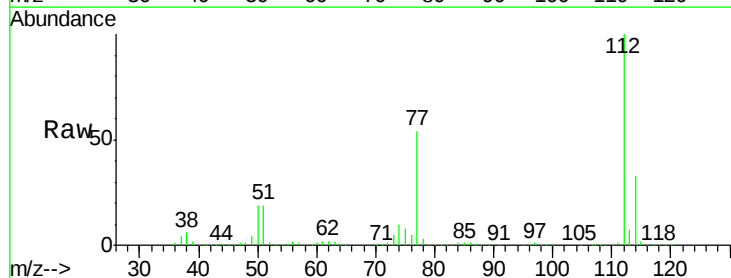
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

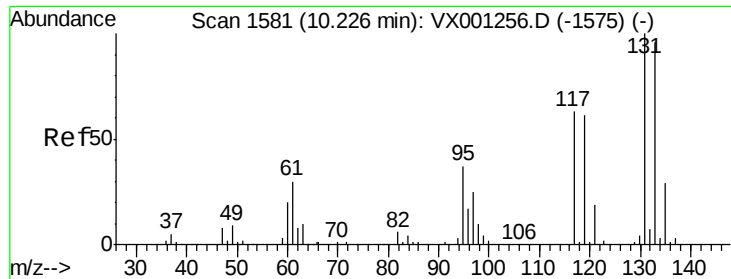
Tot Ion: 98 Resp: 268232
Ion Ratio Lower Upper
98 100
100 64.4 50.0 75.0



#64
Chlorobenzene
Concen: 149.788 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 112 Resp: 1142253
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 157.546 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

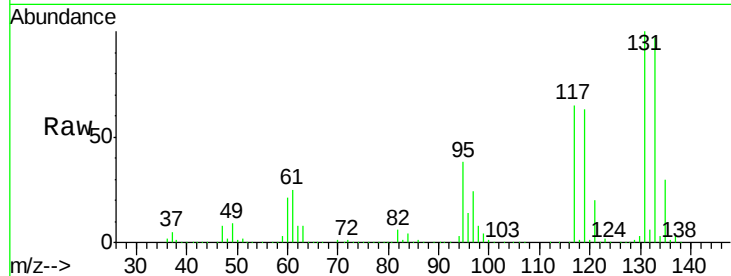
Tot Ion:131 Resp: 434176

Ion Ratio Lower Upper

131 100

133 95.9 0.0 187.6

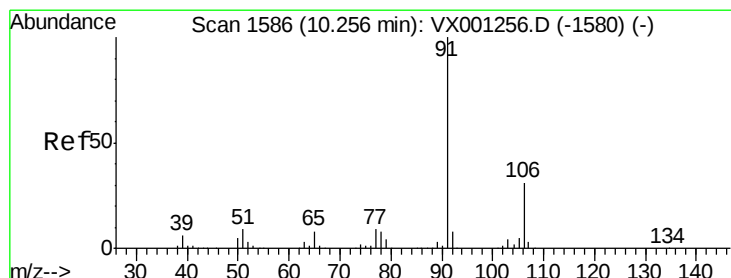
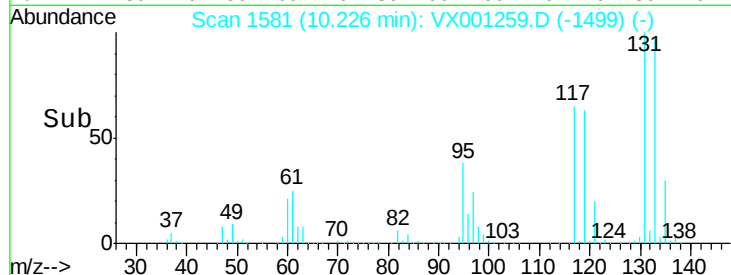
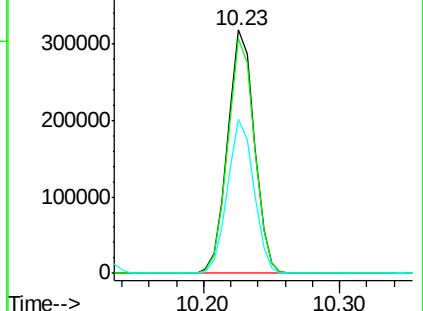
119 62.5 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 152.439 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001259.D

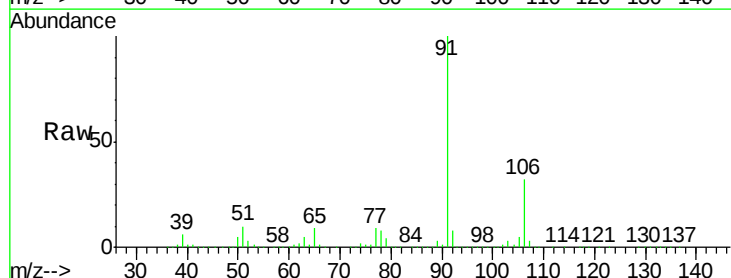
Acq: 30 Apr 2018 12:18

Tgt Ion: 91 Resp: 1916532

Ion Ratio Lower Upper

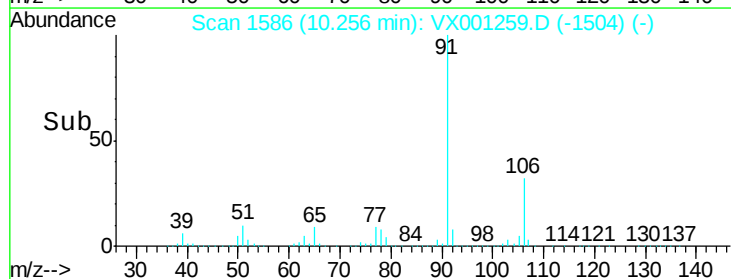
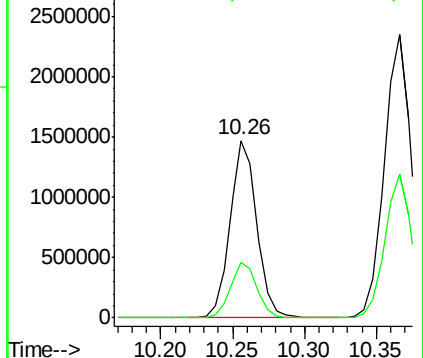
91 100

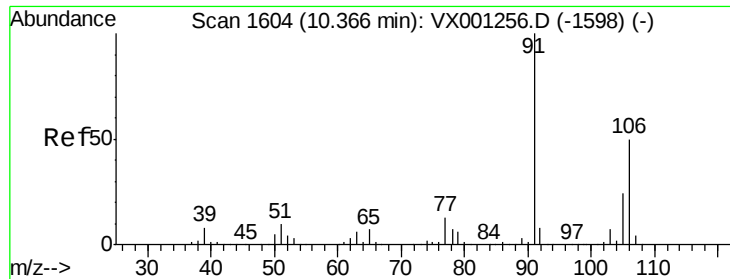
106 31.6 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

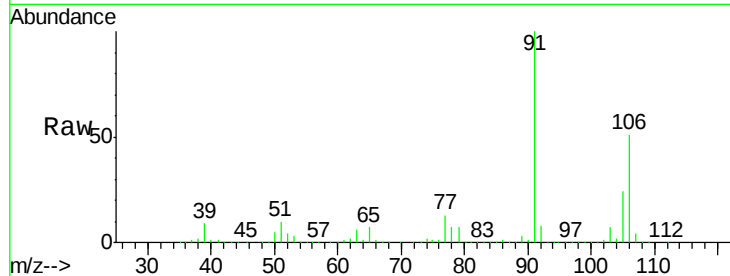




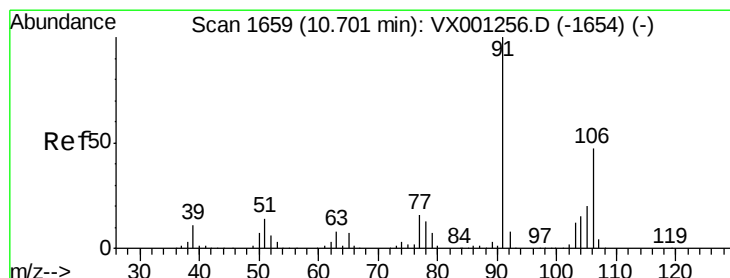
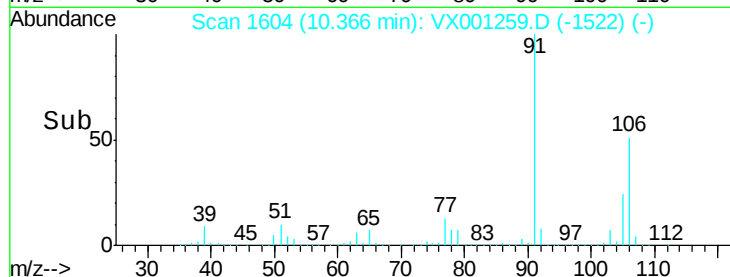
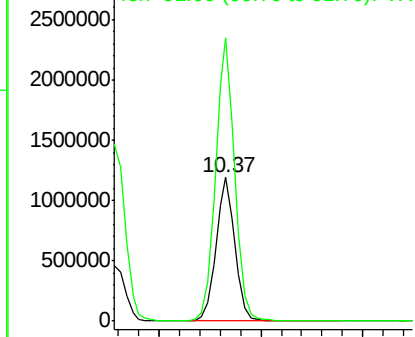
#67
m/p-Xvlenes
Concen: 155.287 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion:106 Resp: 1545095
Ion Ratio Lower Upper
106 100
91 199.7 161.6 242.4

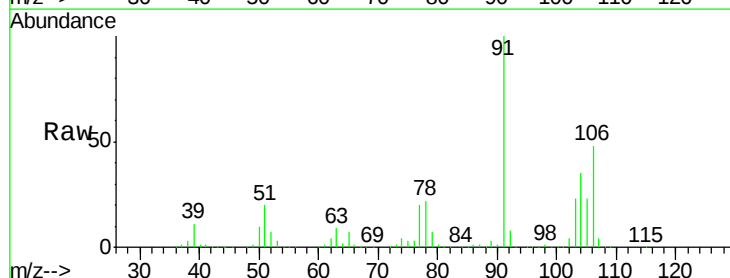


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

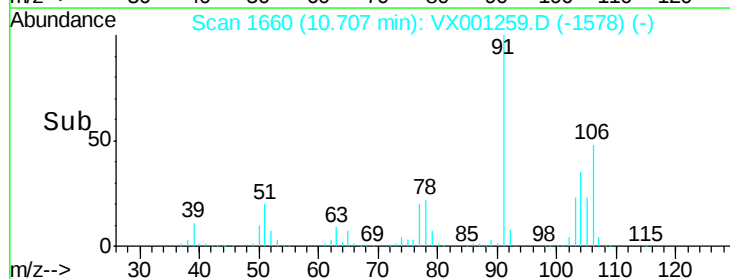
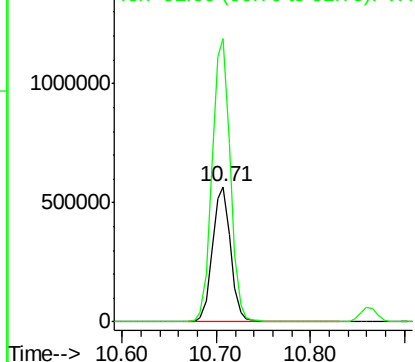


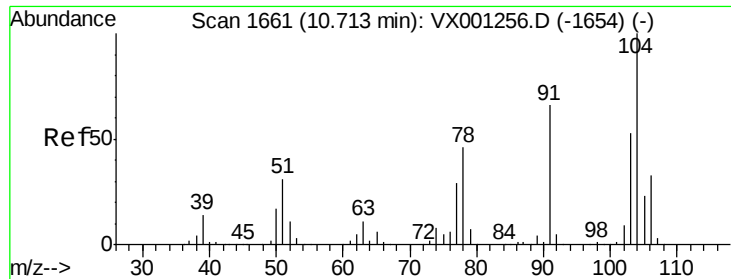
#68
o-Xylene
Concen: 156.096 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion:106 Resp: 749797
Ion Ratio Lower Upper
106 100
91 211.2 105.6 316.8



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

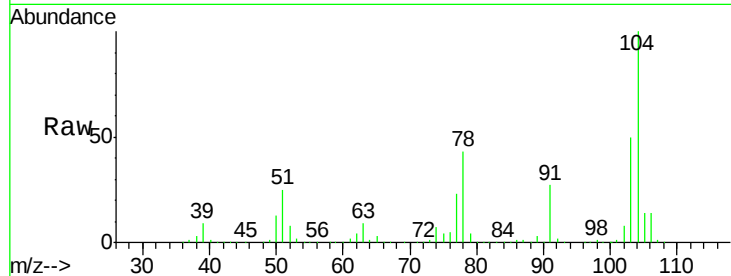




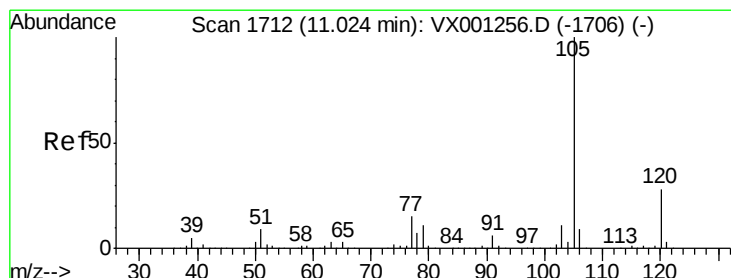
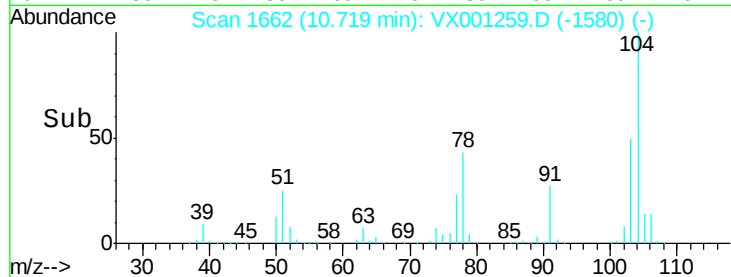
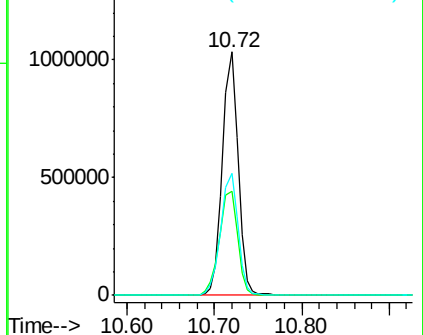
#69
Stvrene
Concen: 162.763 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:104 Resp: 1289919
Ion Ratio Lower Upper
104 100
78 49.8 39.0 58.4
103 55.5 44.7 67.1

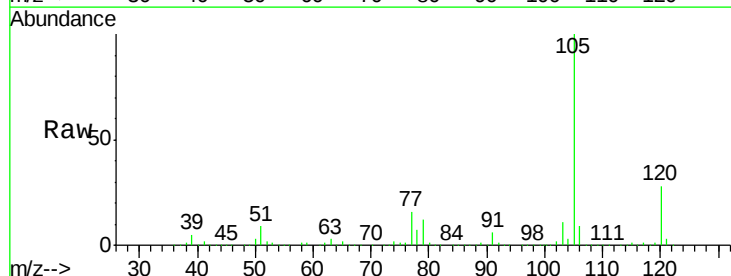


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

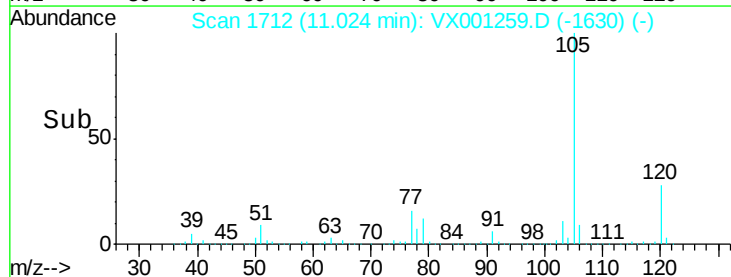
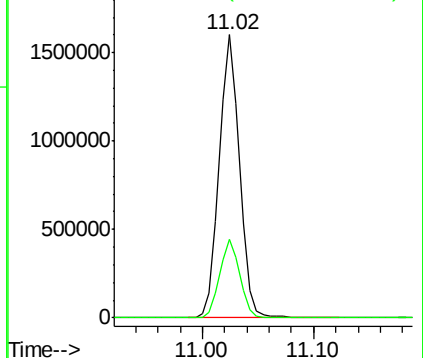


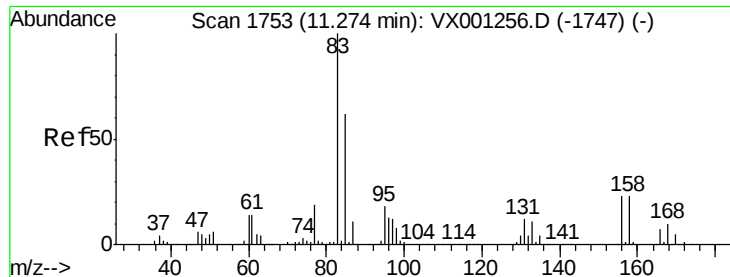
#70
Isopropylbenzene
Concen: 155.349 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion:105 Resp: 2028396
Ion Ratio Lower Upper
105 100
120 27.5 18.8 35.0



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

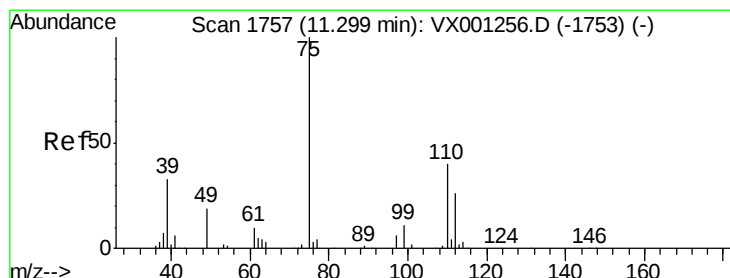
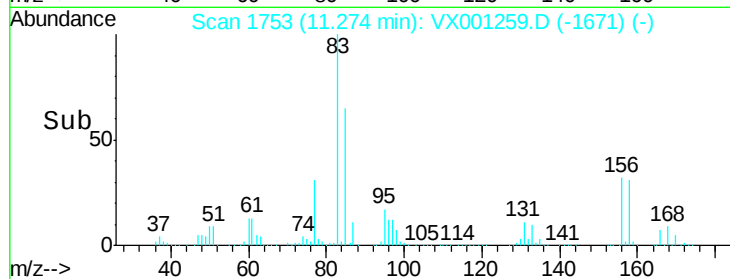
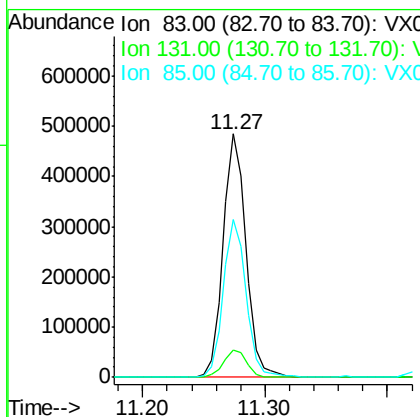
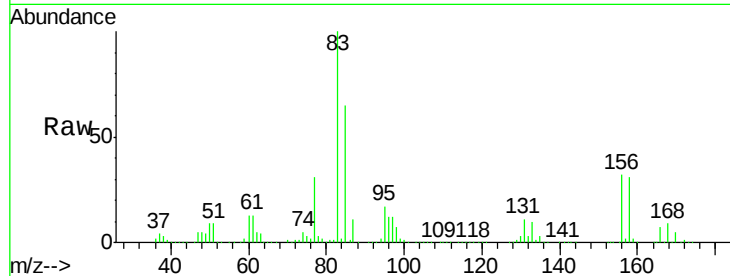




#71
 1,1,2,2-Tetrachloroethane
 Concen: 165.716 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

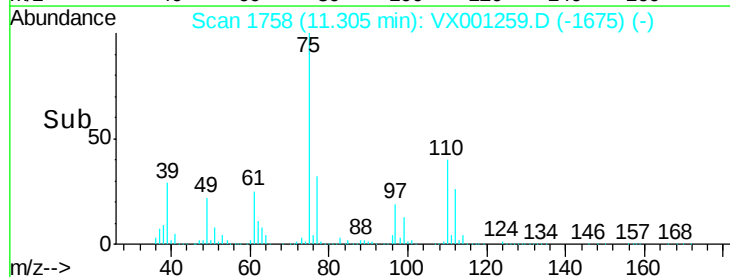
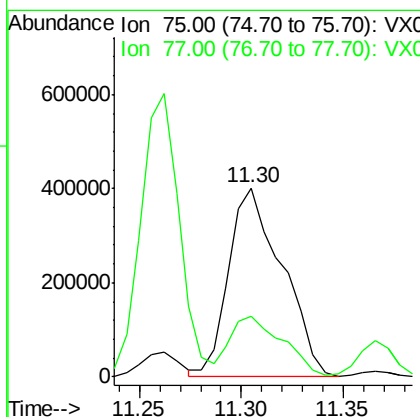
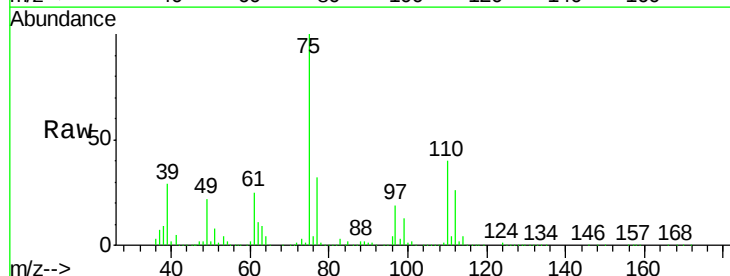
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

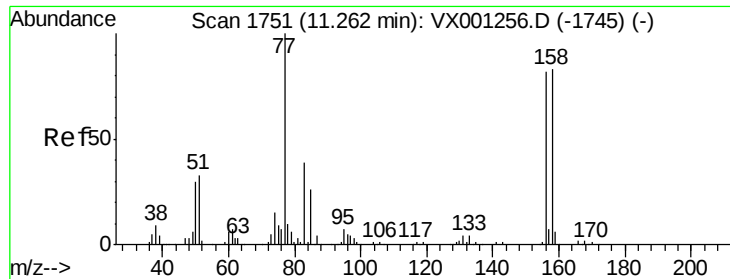
Tot Ion: 83 Resp: 626080
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.3 16.1
 85 64.6 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 218.715 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion: 75 Resp: 732901
 Ion Ratio Lower Upper
 75 100
 77 31.5 0.0 85.8

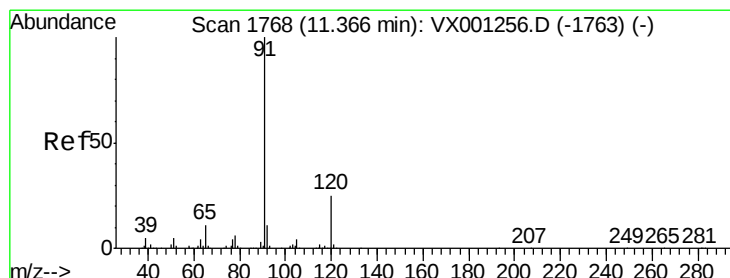
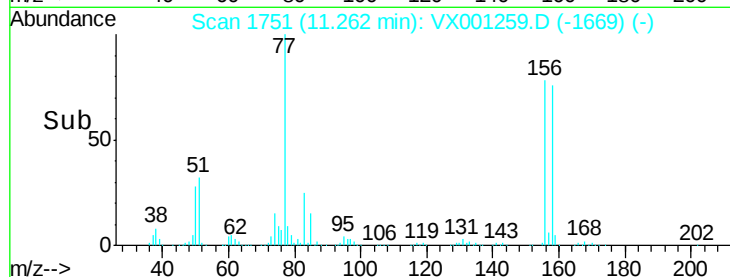
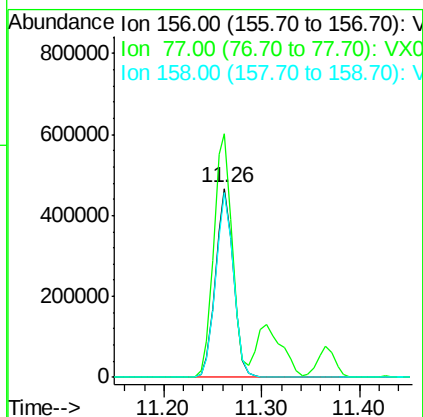
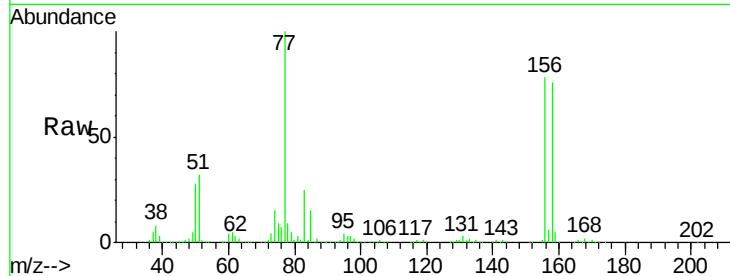




#73
Bromobenzene
Concen: 156.057 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

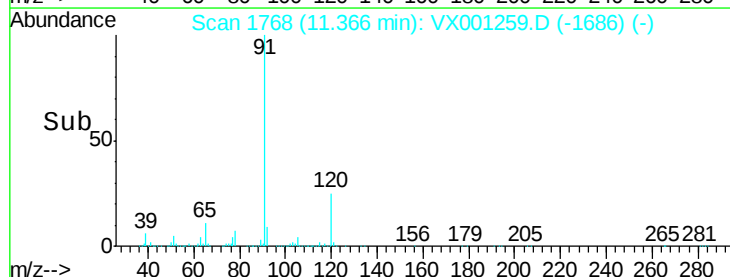
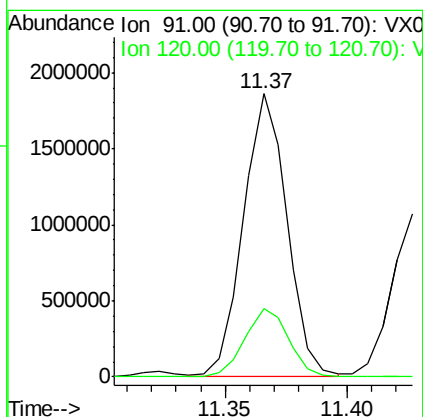
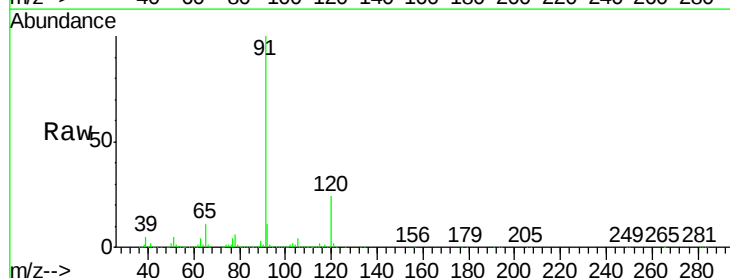
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

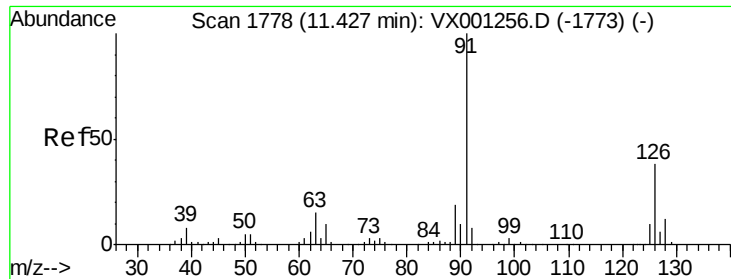
Tot Ion:156 Resp: 591617
Ion Ratio Lower Upper
156 100
77 133.6 0.0 280.2
158 97.5 0.0 197.2



#74
n-propylbenzene
Concen: 157.345 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 91 Resp: 2314383
Ion Ratio Lower Upper
91 100
120 24.4 0.0 47.4





#75

2-Chlorotoluene

Concen: 155.255 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

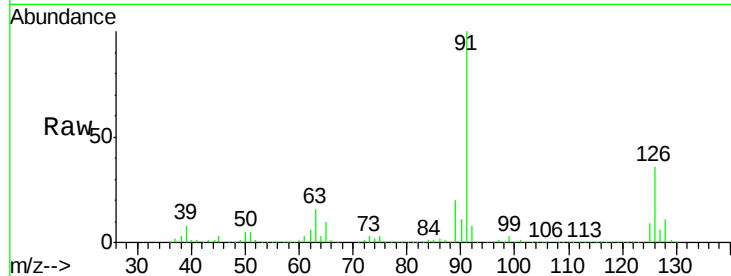
VSTDIC150

Tot Ion: 91 Resp: 1382113

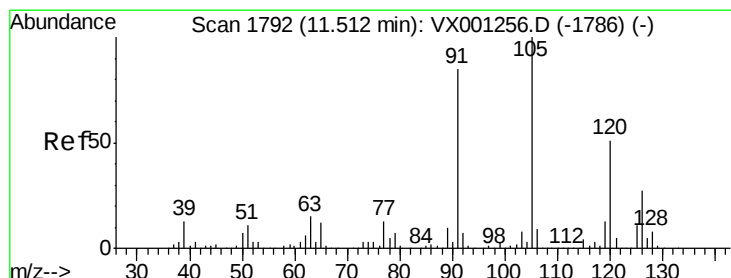
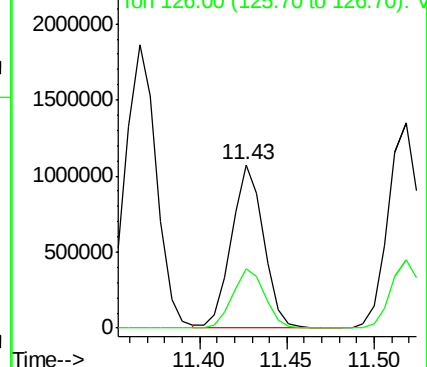
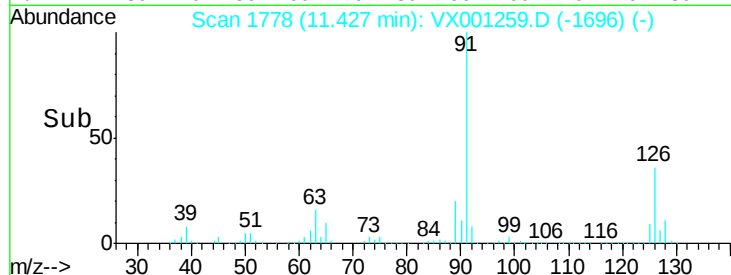
Ion Ratio Lower Upper

91 100

126 36.1 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX001259.D (-1696) (-)



#76

1,3,5-Trimethylbenzene

Concen: 158.720 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001259.D

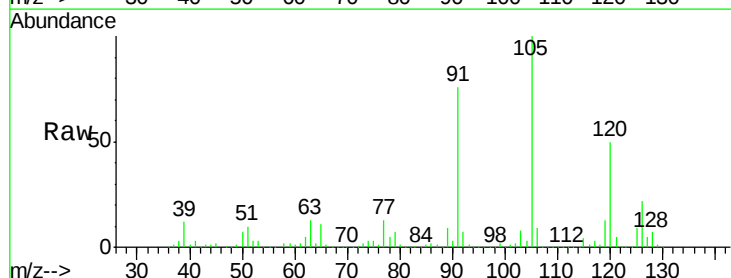
Acq: 30 Apr 2018 12:18

Tgt Ion:105 Resp: 1757983

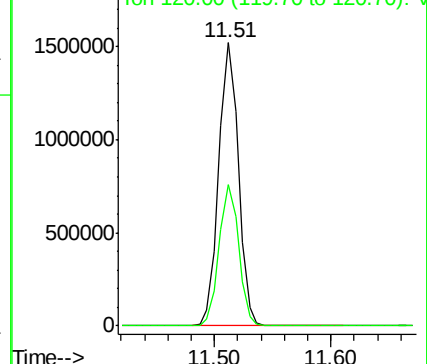
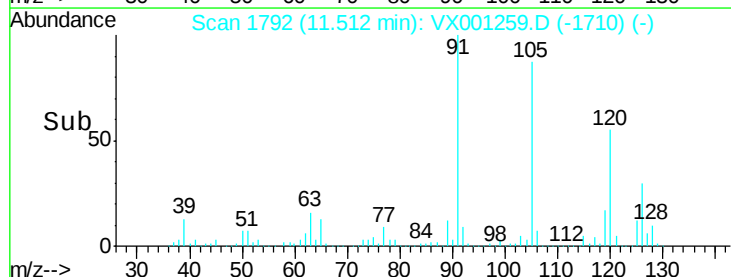
Ion Ratio Lower Upper

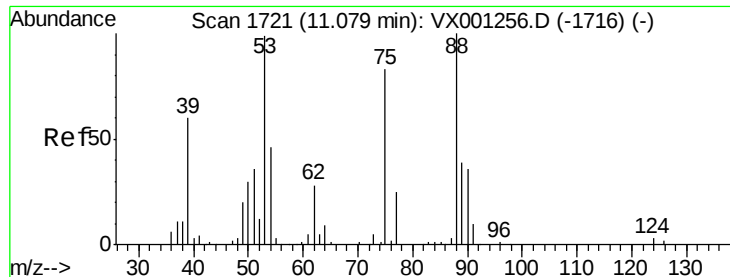
105 100

120 49.8 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX001259.D (-1710) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 205.286 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

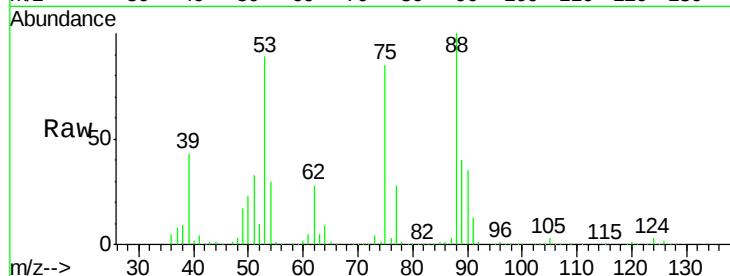
Tot Ion: 75 Resp: 196359

Ion Ratio Lower Upper

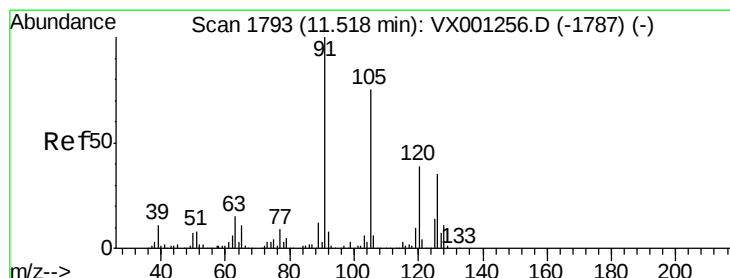
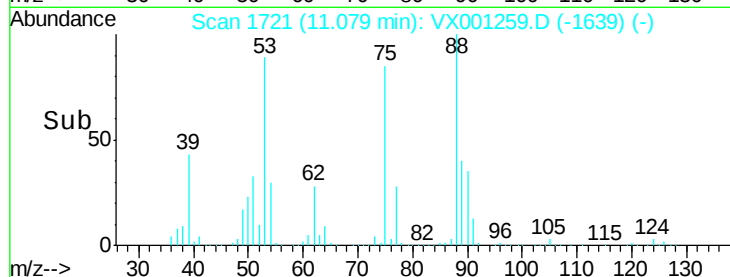
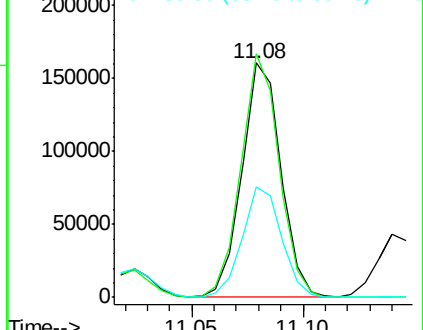
75 100

53 104.1 47.8 143.3

89 47.3 22.3 66.8



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 158.764 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001259.D

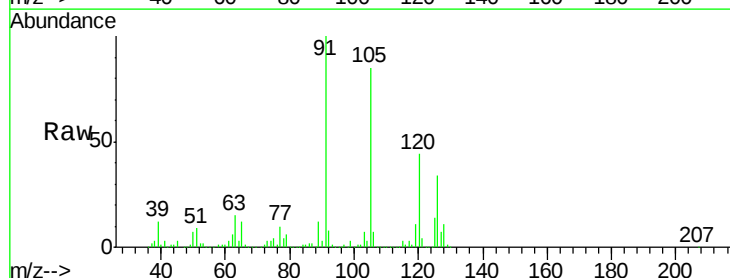
Acq: 30 Apr 2018 12:18

Tgt Ion: 91 Resp: 1677902

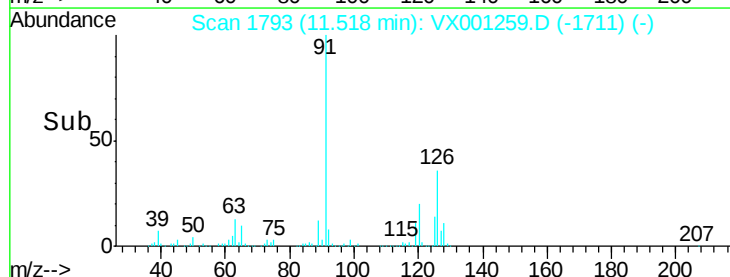
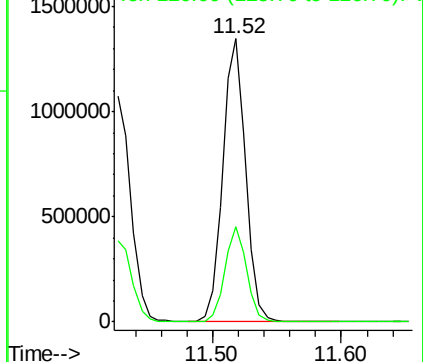
Ion Ratio Lower Upper

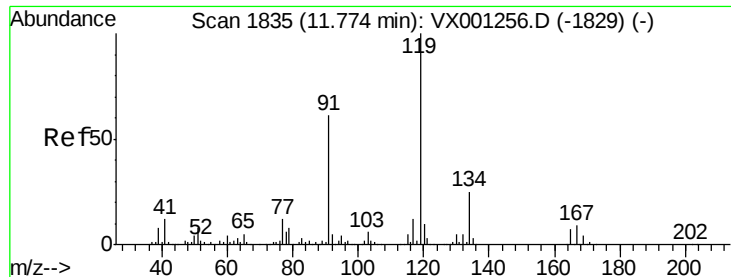
91 100

126 32.0 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

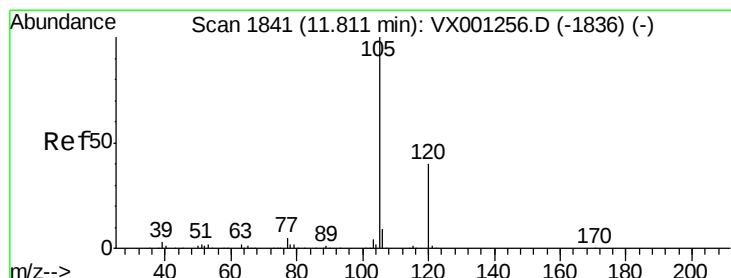
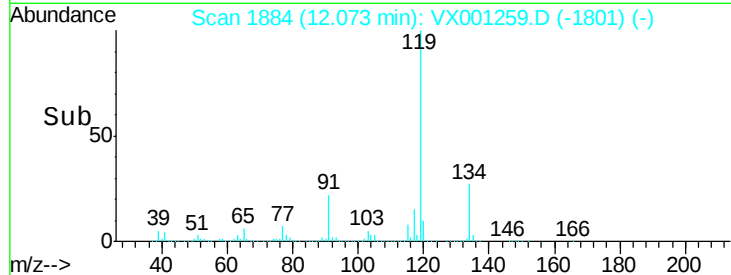
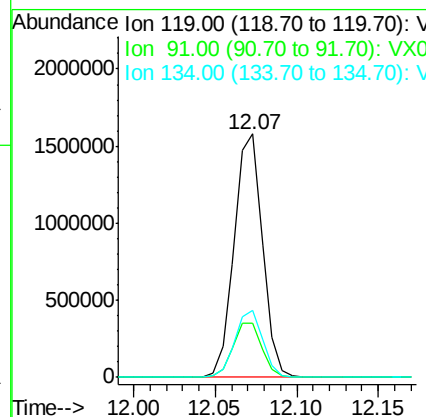
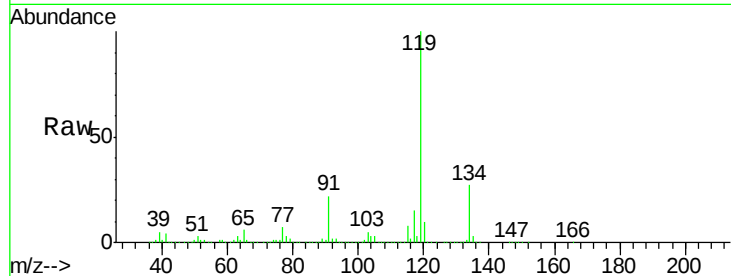




#79
 tert-butylbenzene
 Concen: 161.227 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

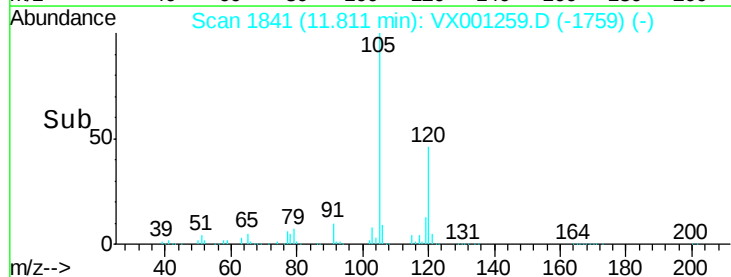
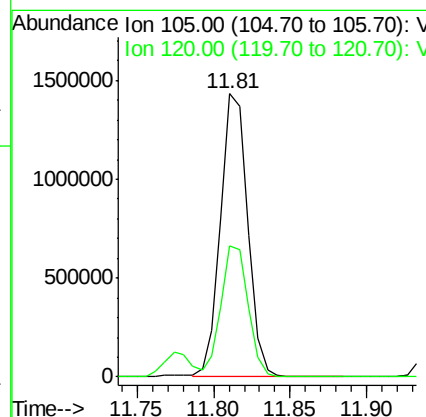
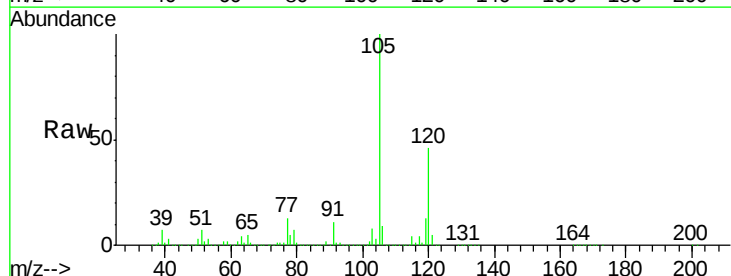
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

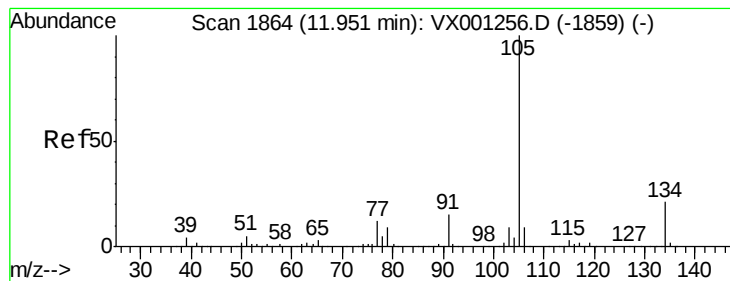
Tot Ion:119 Resp: 1904557
 Ion Ratio Lower Upper
 119 100
 91 23.0 0.0 51.6
 134 27.0 0.0 60.2



#80
 1,2,4-Trimethylbenzene
 Concen: 156.709 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion:105 Resp: 1771202
 Ion Ratio Lower Upper
 105 100
 120 46.2 0.0 93.0





#81

sec-Butylbenzene

Concen: 157.137 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

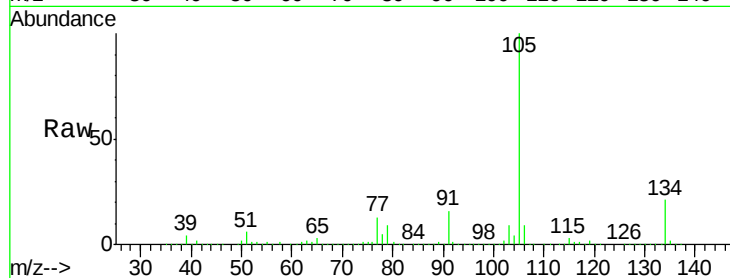
VSTDIC150

Tot Ion:105 Resp: 2025143

Ion Ratio Lower Upper

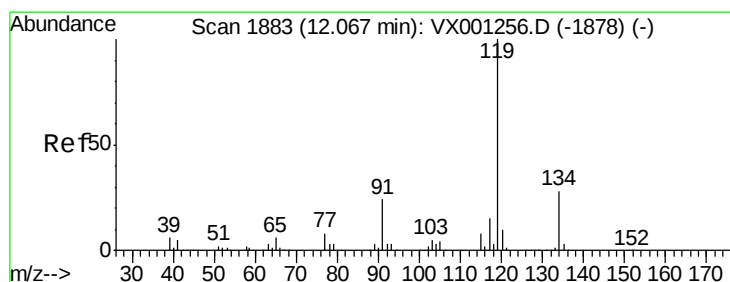
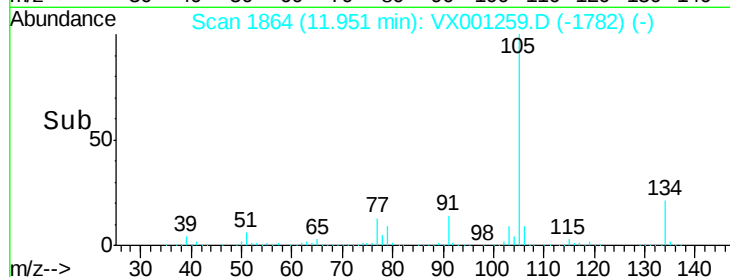
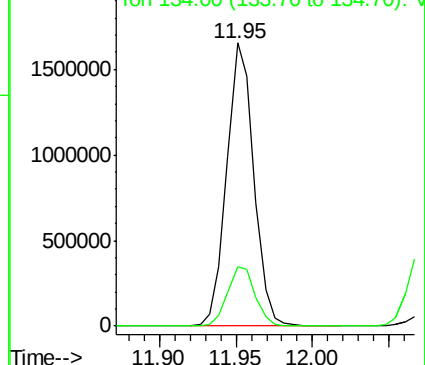
105 100

134 21.6 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 161.227 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

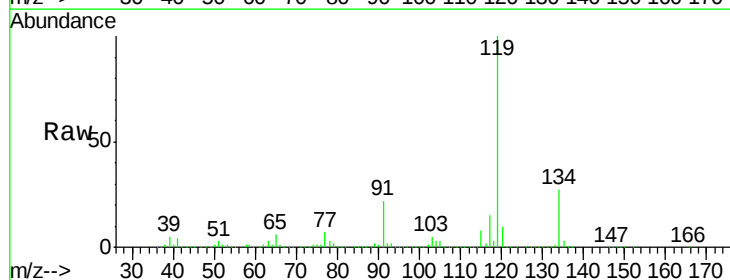
Tgt Ion:119 Resp: 1904557

Ion Ratio Lower Upper

119 100

134 27.0 0.0 54.4

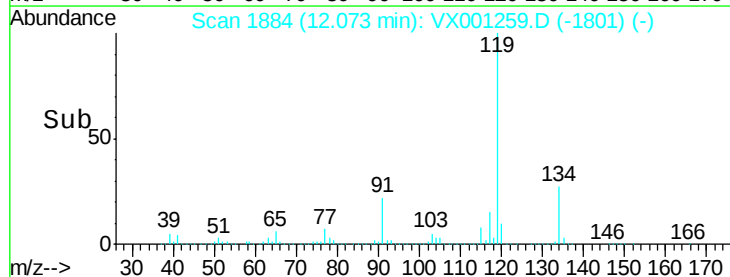
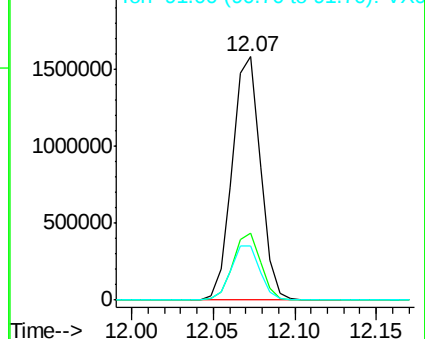
91 23.0 0.0 46.6

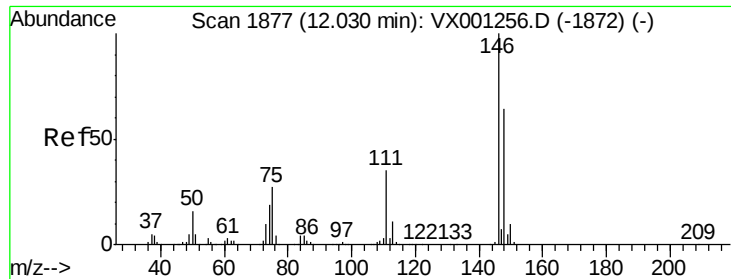


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

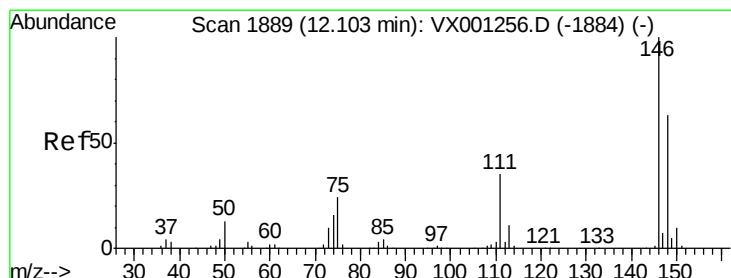
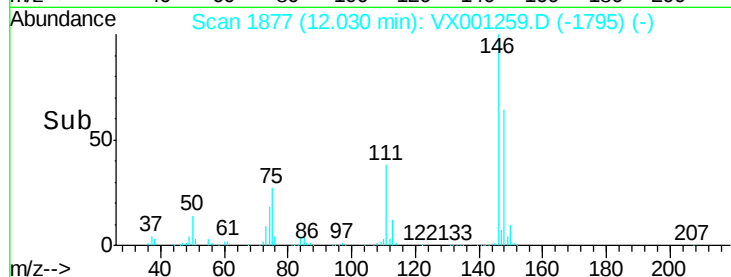
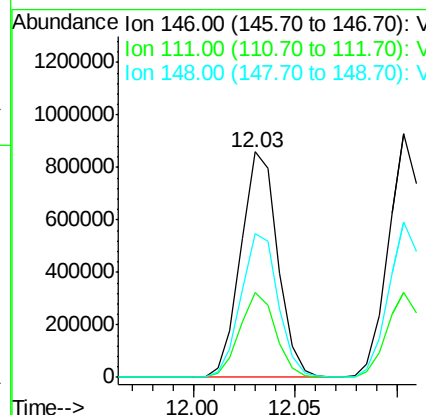
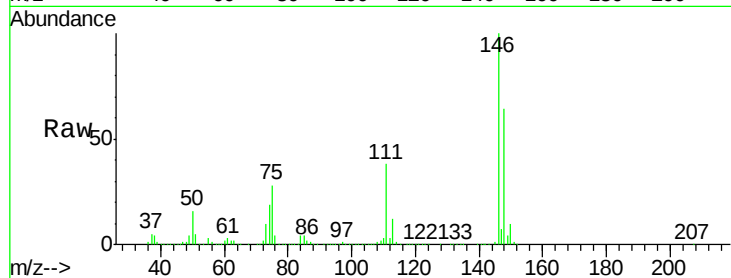




#83
 1,3-Dichlorobenzene
 Concen: 155.795 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

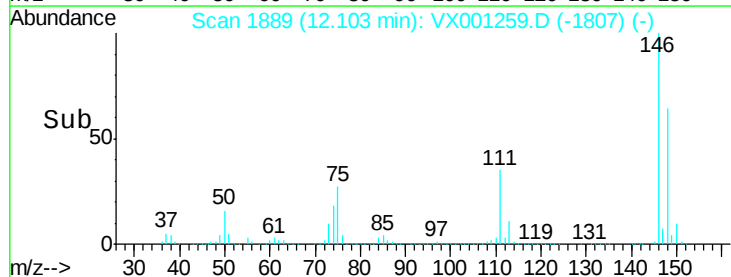
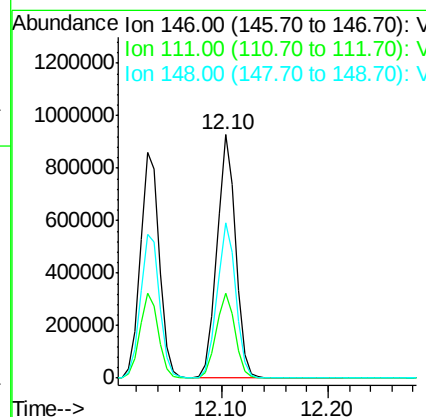
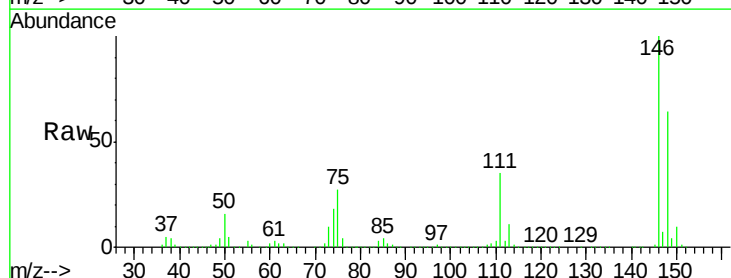
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

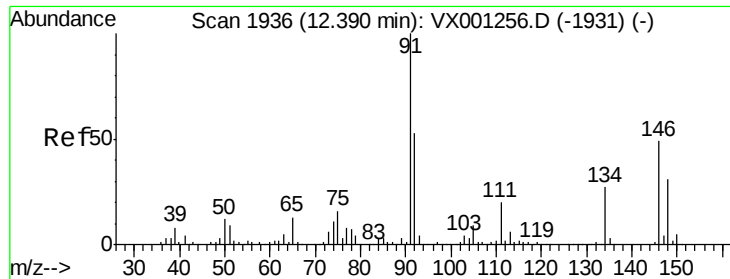
Tot Ion:146 Resp: 1077271
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.4 58.2
 148 64.3 32.6 97.7



#84
 1,4-Dichlorobenzene
 Concen: 157.631 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion:146 Resp: 1108531
 Ion Ratio Lower Upper
 146 100
 111 35.2 18.4 55.0
 148 64.0 31.9 95.7

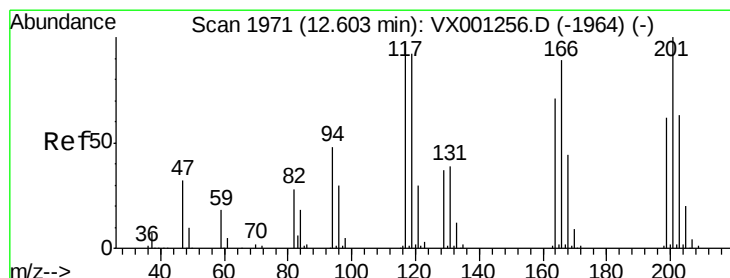
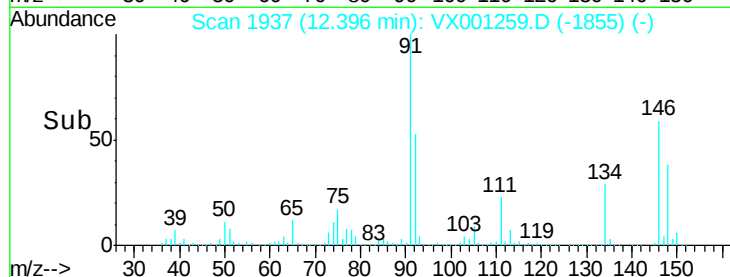
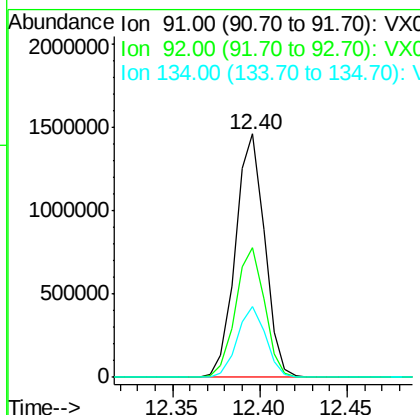
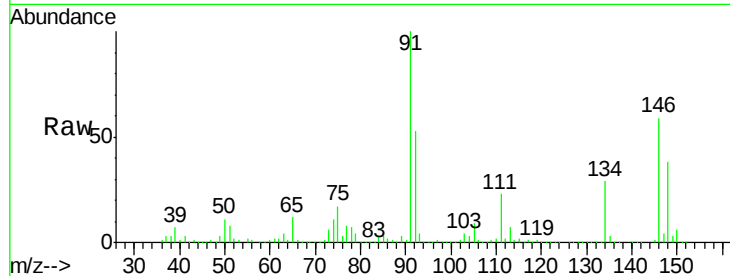




#85
n-Butylbenzene
Concen: 167.081 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

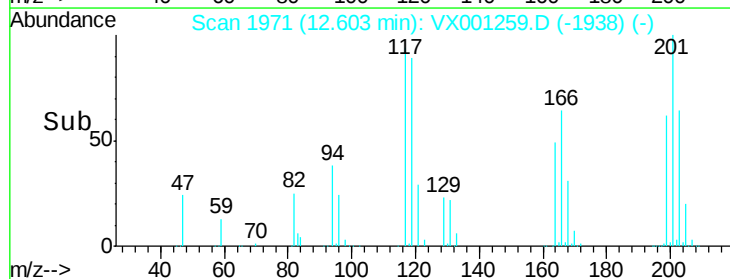
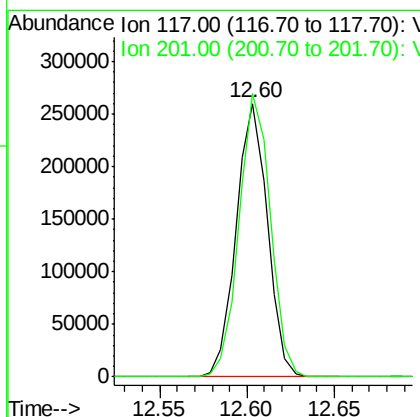
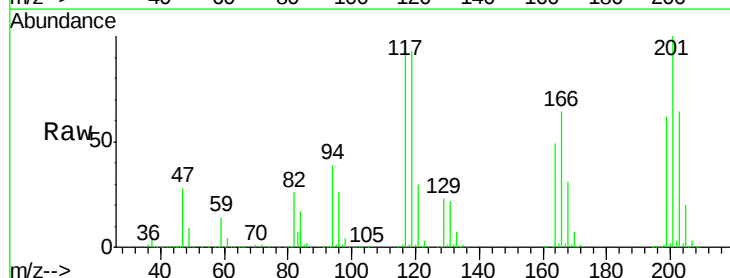
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

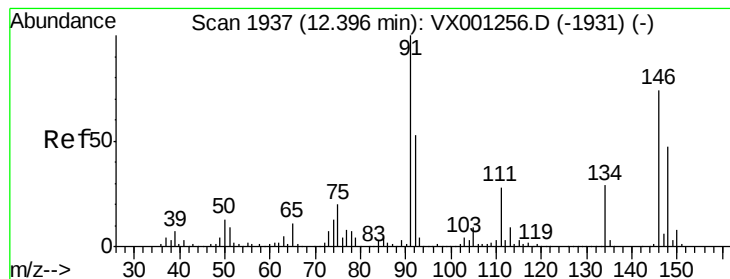
Tot Ion: 91 Resp: 1693676
Ion Ratio Lower Upper
91 100
92 53.0 0.0 102.0
134 28.5 0.0 54.2



#86
Hexachloroethane
Concen: 184.000 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001259.D
Acq: 30 Apr 2018 12:18

Tgt Ion: 117 Resp: 322574
Ion Ratio Lower Upper
117 100
201 104.0 38.9 116.6





#87

1,2-Dichlorobenzene

Concen: 158.405 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

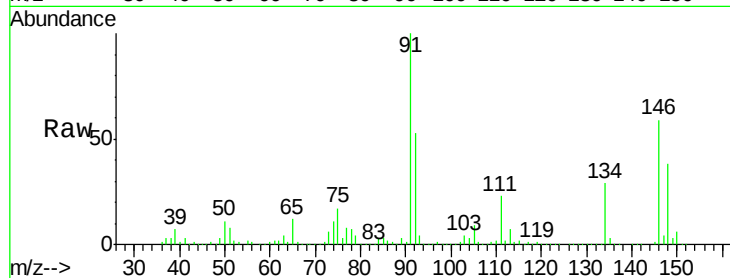
Tot Ion:146 Resp: 1085386

Ion Ratio Lower Upper

146 100

111 38.1 20.0 60.0

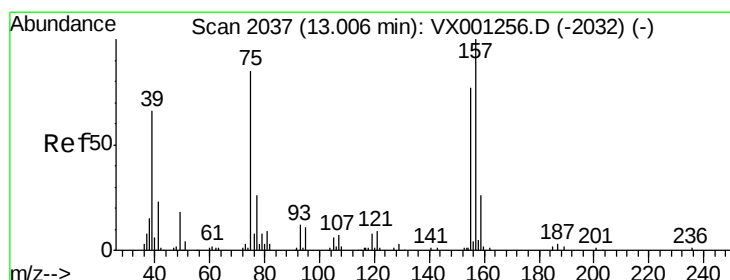
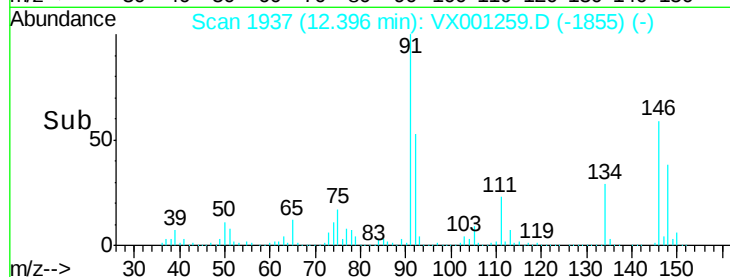
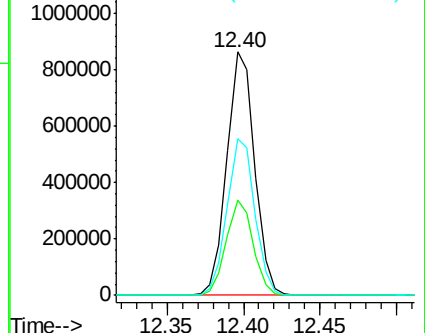
148 64.5 31.6 95.0



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



#88

1,2-Dibromo-3-Chloropropane

Concen: 174.879 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

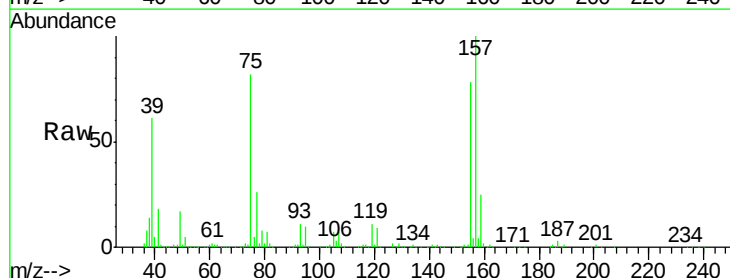
Tgt Ion: 75 Resp: 136444

Ion Ratio Lower Upper

75 100

155 101.0 75.1 112.7

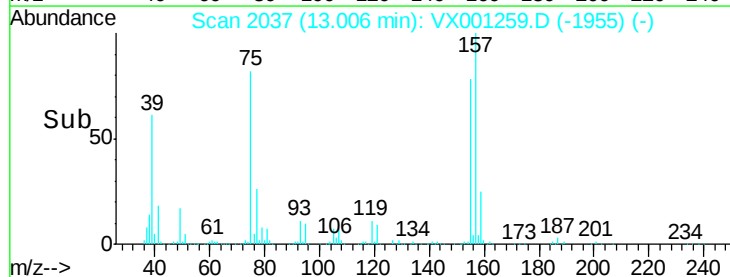
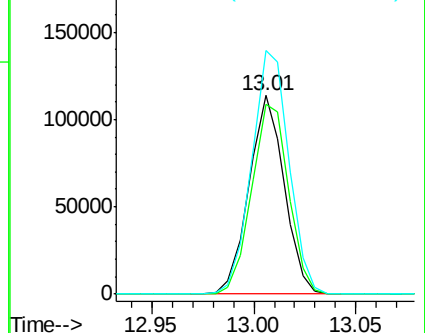
157 129.5 99.0 148.4

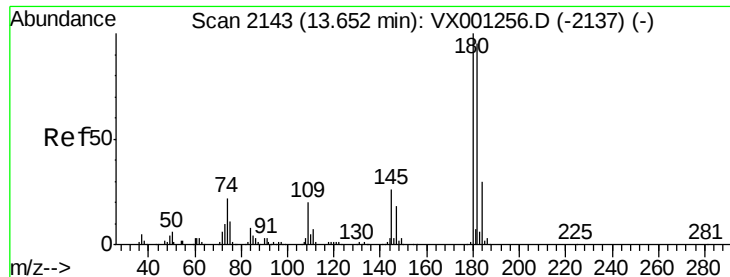


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

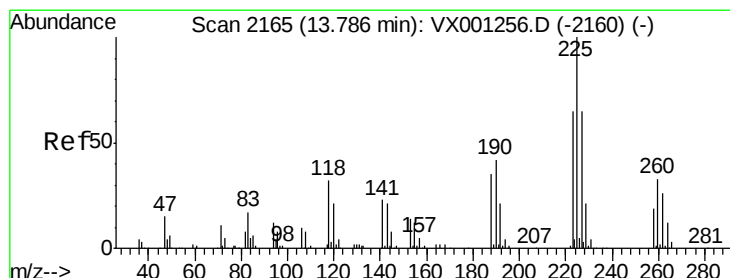
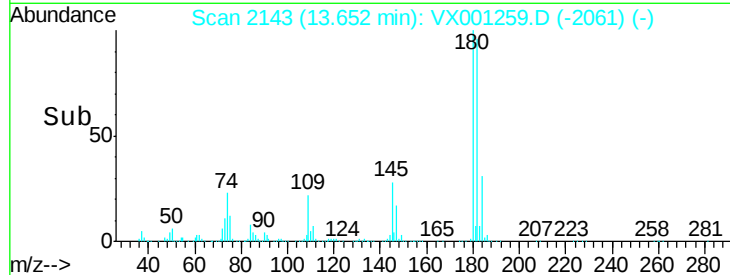
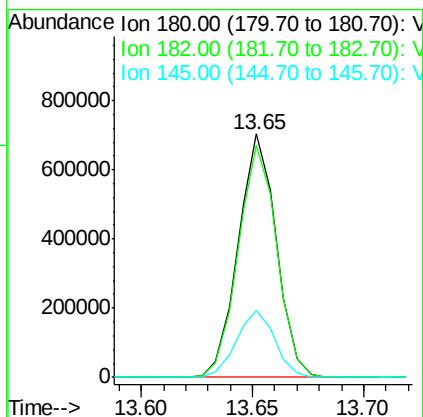
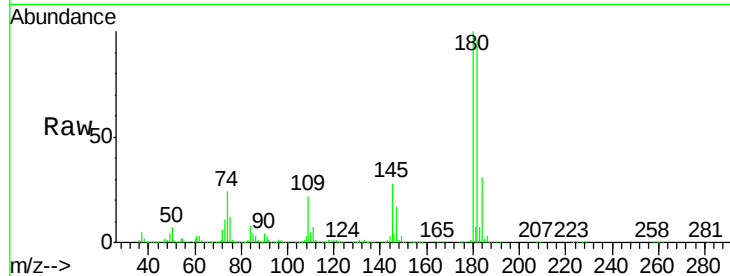




#89
 1,2,4-Trichlorobenzene
 Concen: 161.947 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

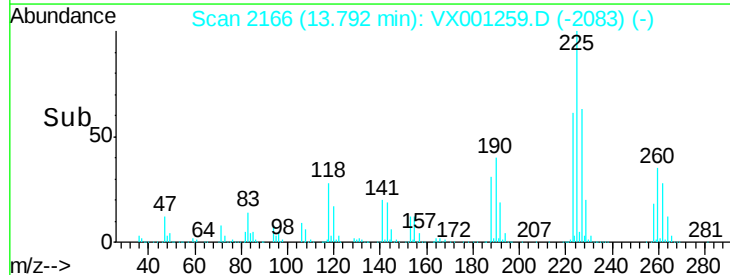
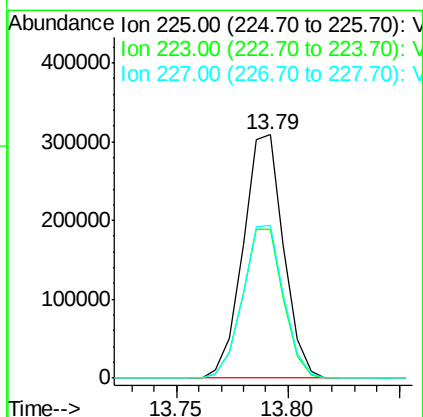
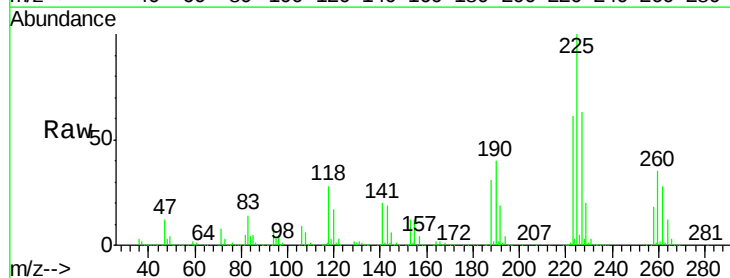
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

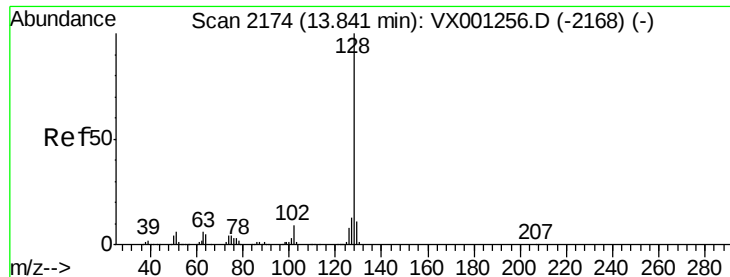
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.3	114.5
145	27.7	24.6	37.0



#90
 Hexachlorobutadiene
 Concen: 163.072 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001259.D
 Acq: 30 Apr 2018 12:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	0.0	131.2
227	63.3	0.0	127.6





#91

Naphthalene

Concen: 165.691 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

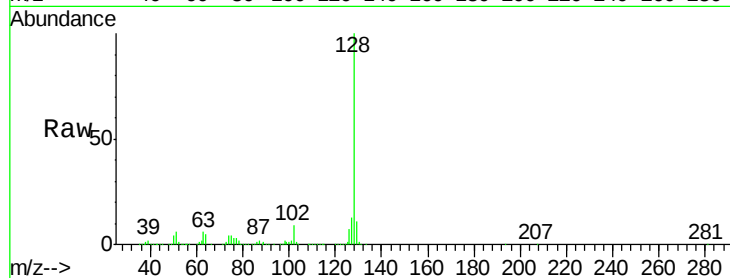
Tot Ion:128 Resp: 2210573

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

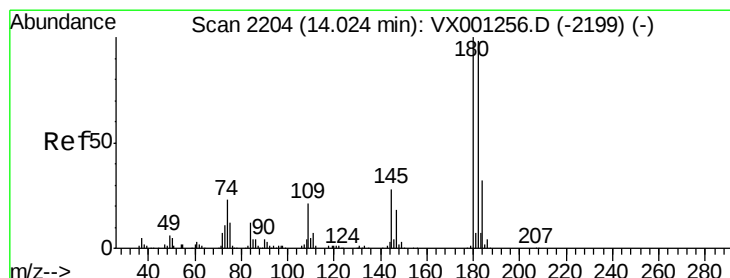
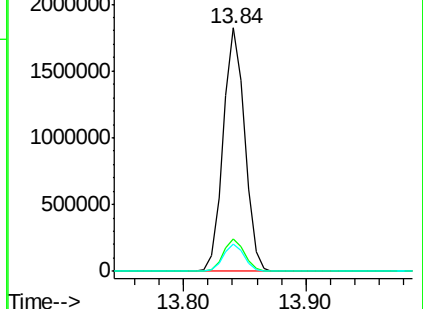
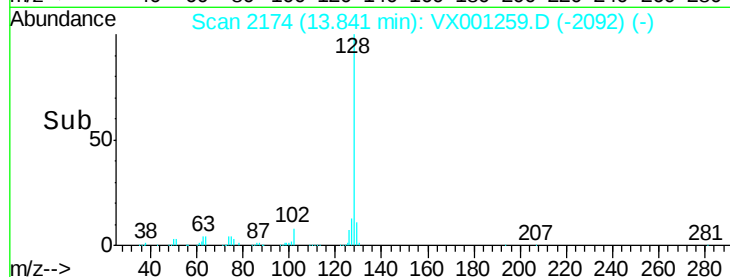
129 10.9 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 160.563 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX001259.D

Acq: 30 Apr 2018 12:18

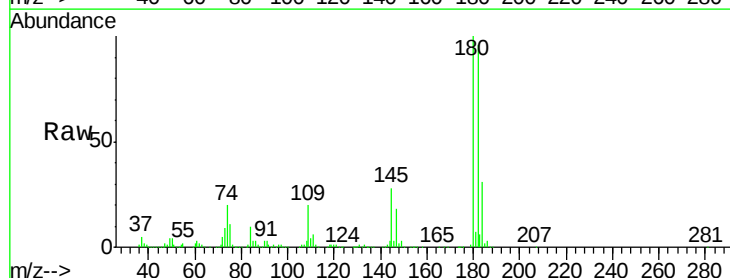
Tgt Ion:180 Resp: 820431

Ion Ratio Lower Upper

180 100

182 96.1 0.0 188.6

145 28.9 0.0 65.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

