

Data File : VX003713.D
Acq On : 27 Jul 2018 13:31
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Aug 11 05:49:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	18158	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	94144	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	113317	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	42288	31.72	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.73%
60) 4-Bromofluorobenzene	11.14	95	53096	29.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.00%
63) Toluene-d8	8.72	98	153388	30.05	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.17%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	6501	6.778 ug/l	97
3) Chloromethane	1.32	50	8045	6.233 ug/l	99
4) Vinyl Chloride	1.40	62	8416	6.199 ug/l	97
5) Bromomethane	1.64	94	5155	6.353 ug/l	100
6) Chloroethane	1.72	64	5654	6.363 ug/l	98
7) Trichlorofluoromethane	1.93	101	11337	6.209 ug/l	96
8) Diethyl Ether	2.18	74	4896	6.255 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	7038	6.357 ug/l	93
10) 1,1-Dichloroethene	2.37	96	6379	6.128 ug/l	97
11) Methyl Iodide	2.51	142	7276	5.042 ug/l	93
12) Methyl Acetate	2.78	43	10659	5.534 ug/l	96
13) Acrolein	2.29	56	2311	15.383 ug/l	92
14) Acrylonitrile	3.15	53	22623	29.806 ug/l	98
15) Acetone	2.45	58	6523	31.671 ug/l #	65
16) Carbon Disulfide	2.57	76	17123	5.923 ug/l	99
17) Allyl chloride	2.73	41	12832	5.956 ug/l	90
18) Methylene Chloride	2.86	84	7768	6.299 ug/l	96
19) trans-1,2-Dichloroethene	3.16	96	6927	6.156 ug/l	98
20) Diisopropyl ether	3.87	45	21711	5.487 ug/l	97
21) 1,1-Dichloroethane	3.70	63	13702	6.117 ug/l	96
22) cis-1,2-Dichloroethene	4.60	96	6073	5.344 ug/l	89
23) tert-Butyl Alcohol	3.08	59	9383	29.431 ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	22706	6.082 ug/l	94
25) Chloroform	5.21	83	10614	5.472 ug/l	97
26) Cyclohexane	5.57	56	8364	4.971 ug/l #	99
29) 1,1-Dichloropropene	5.80	75	7338	5.278 ug/l	99
30) 2-Butanone	4.71	43	23686	26.679 ug/l	96
31) 2,2-Dichloropropane	4.59	77	7571	5.622 ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	8519	5.356 ug/l	98
33) Carbon Tetrachloride	5.49	117	1148	0.831 ug/l	92
34) Benzene	6.14	78	22988	5.382 ug/l #	96
35) Methacrylonitrile	5.07	41	4876	5.285 ug/l	86
36) 1,2-Dichloroethane	6.20	62	8735	5.690 ug/l	97
37) Trichloroethene	7.21	130	5842	5.248 ug/l	92
38) Methylcyclohexane	7.46	83	7810	4.944 ug/l	98
39) 1,2-Dichloropropane	7.52	63	6047	5.357 ug/l	96
40) Dibromomethane	7.67	93	4006	5.484 ug/l	94

Data File : VX003713.D
Acq On : 27 Jul 2018 13:31
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Aug 11 05:49:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	7223	5.176	ug/l	96
42) Vinyl Acetate	3.82	43	104208	30.547	ug/l	99
43) Ethyl Acetate	4.86	43	8923	5.381	ug/l #	93
44) Isopropyl Acetate	6.47	43	13017	5.118	ug/l	100
45) 1,4-Dioxane	7.76	88	2738	96.927	ug/l #	89
46) Methyl methacrylate	7.78	41	6257	4.768	ug/l	92
47) n-amyl Acetate	10.90	43	12612	5.252	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	9050	5.344	ug/l	98
49) cis-1,3-Dichloropropene	9.04	75	8663	5.452	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	7256	6.257	ug/l	99
51) Ethyl methacrylate	9.18	69	9550	5.470	ug/l	82
52) 1,3-Dichloropropane	9.37	76	11882	6.157	ug/l	99
53) Dibromochloromethane	9.59	129	6496	5.703	ug/l	98
54) 1,2-Dibromoethane	9.68	107	7362	6.071	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	24075	26.733	ug/l	99
56) Bromoform	10.86	173	4885	5.527	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	46518	21.741	ug/l	98
59) 2-Hexanone	9.50	43	38685	22.707	ug/l	95
61) Tetrachloroethene	9.34	164	7425	5.630	ug/l	94
62) Toluene	8.79	91	30812	5.239	ug/l	99
64) Chlorobenzene	10.14	112	20065	5.279	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	6736	5.009	ug/l	98
66) Ethyl Benzene	10.26	91	31380	4.848	ug/l	100
67) m/p-Xylenes	10.36	106	24265	9.734	ug/l	96
68) o-Xylene	10.70	106	11601	4.864	ug/l	98
69) Styrene	10.71	104	18479	4.576	ug/l	98
70) Isopropylbenzene	11.02	105	30922	4.709	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	11619	4.957	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	12373	6.345	ug/l	94
73) Bromobenzene	11.26	156	9089	5.136	ug/l	98
74) n-propylbenzene	11.36	91	36436	4.711	ug/l	99
75) 2-Chlorotoluene	11.42	91	23286	5.108	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	26321	4.724	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	2704	4.070	ug/l	86
78) 4-Chlorotoluene	11.51	91	26217	4.915	ug/l	98
79) tert-butylbenzene	12.07	119	26312	4.590	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	26227	4.600	ug/l	98
81) sec-Butylbenzene	11.95	105	30498	4.700	ug/l	99
82) p-Isopropyltoluene	12.07	119	26312	4.590	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	16719	5.174	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	16678	5.126	ug/l	99
85) n-Butylbenzene	12.39	91	22260	4.375	ug/l	98
86) Hexachloroethane	12.60	117	4139	4.480	ug/l	95
87) 1,2-Dichlorobenzene	12.40	146	16344	5.038	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	2168	4.382	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	10998	4.828	ug/l	100
90) Hexachlorobutadiene	13.79	225	5416	5.245	ug/l	96
91) Naphthalene	13.83	128	29827	4.284	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	11461	4.941	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072718\
Quantitation Report (Not Reviewed)

Data File : VX003713.D
Acq On : 27 Jul 2018 13:31
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 11 05:49:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration

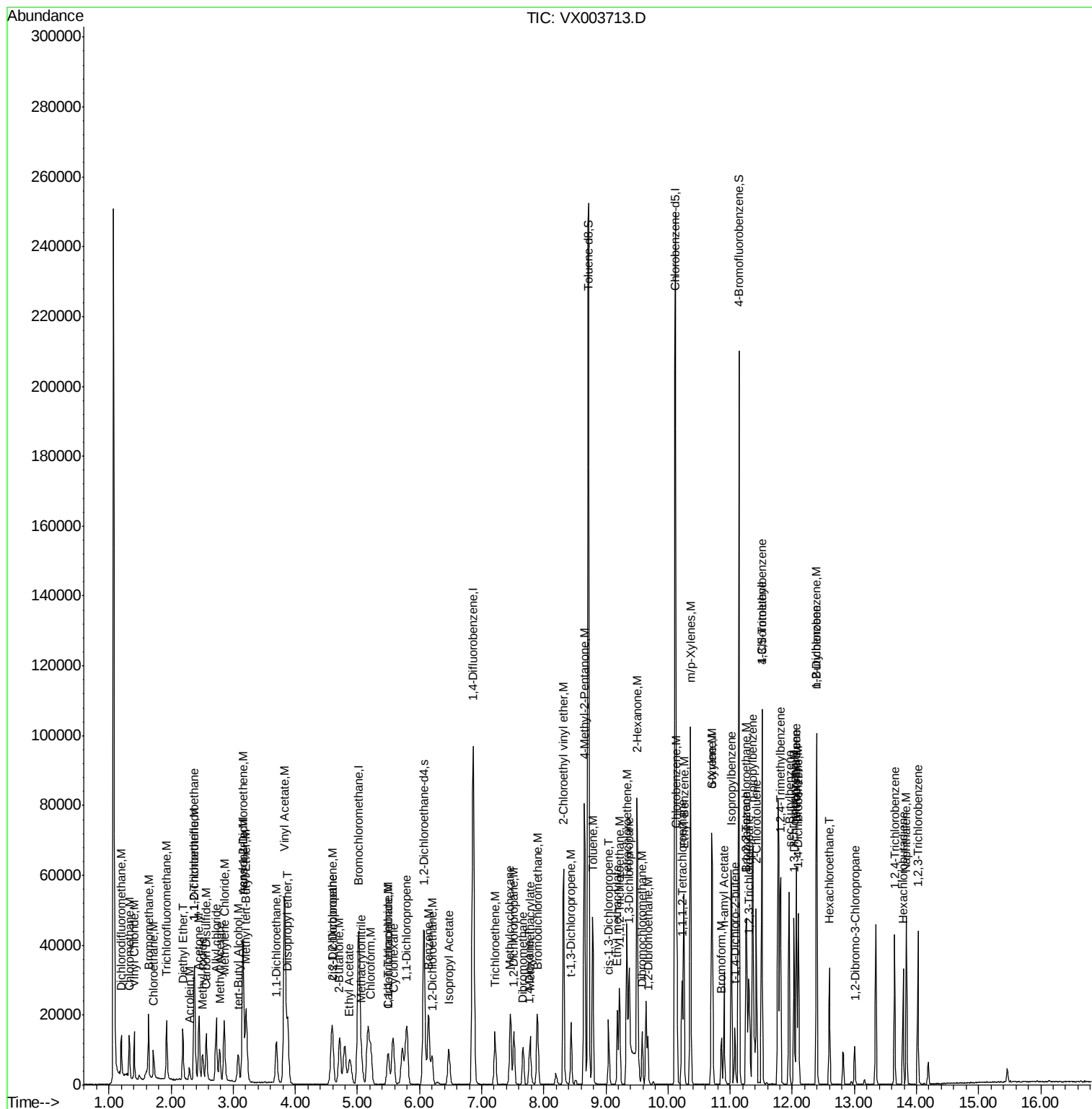
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

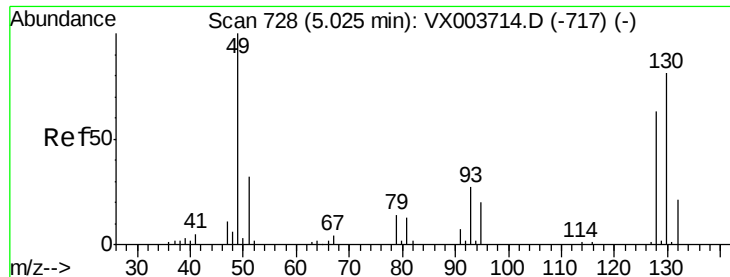
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX003713.D
Acq On : 27 Jul 2018 13:31
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Aug 11 05:49:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

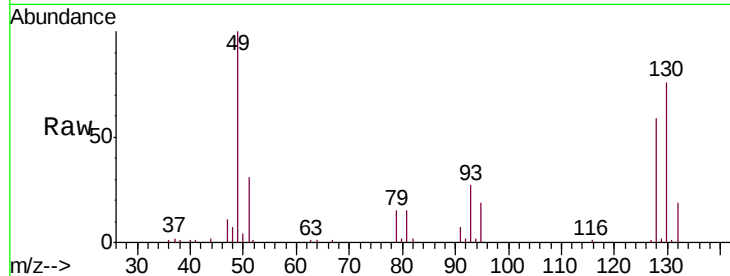
Tgt Ion:128 Resp: 18158

Ion Ratio Lower Upper

128 100

49 170.7 0.0 423.0

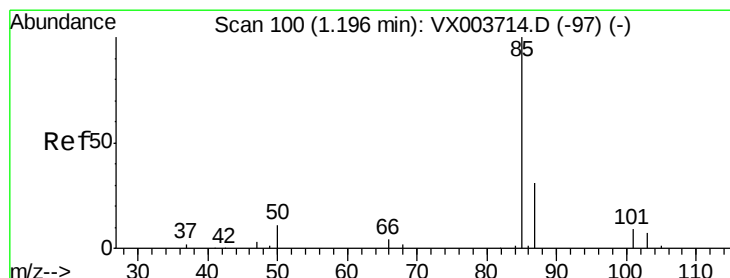
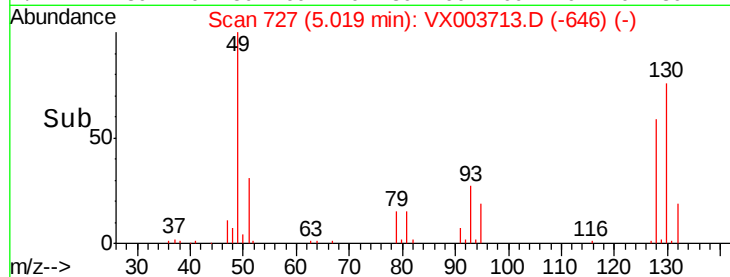
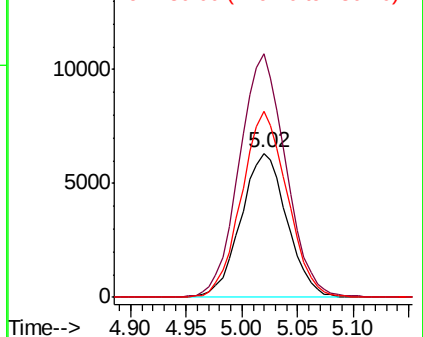
130 128.7 0.0 324.3



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: 6.778 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003713.D

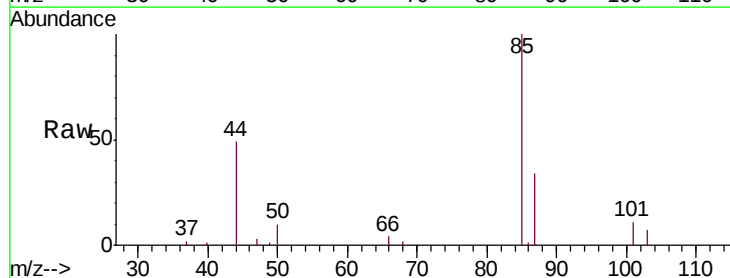
Acq: 27 Jul 2018 13:31

Tgt Ion: 85 Resp: 6501

Ion Ratio Lower Upper

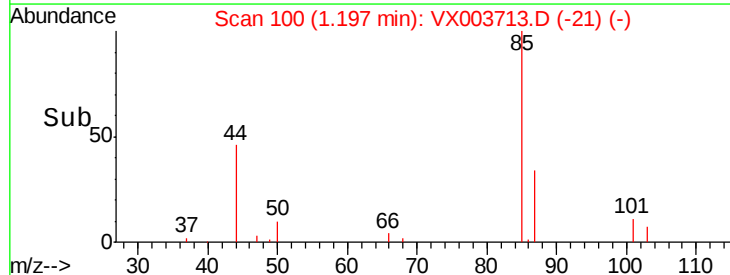
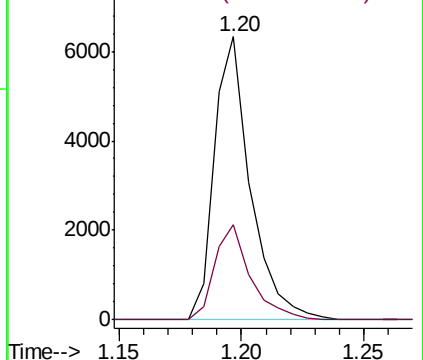
85 100

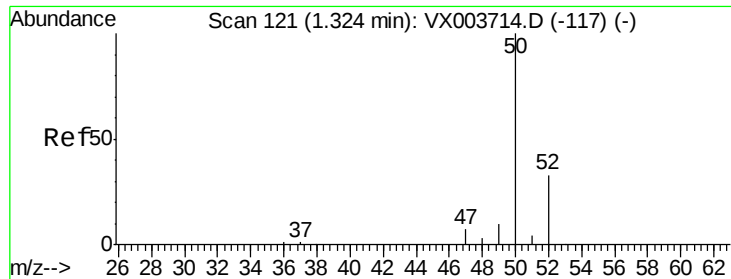
87 33.7 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 6.233 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

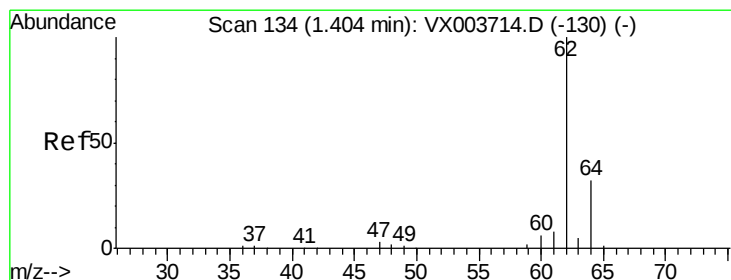
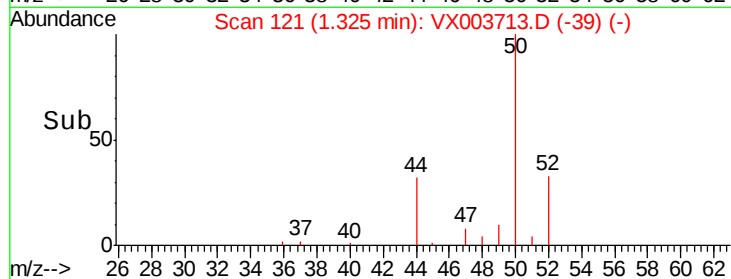
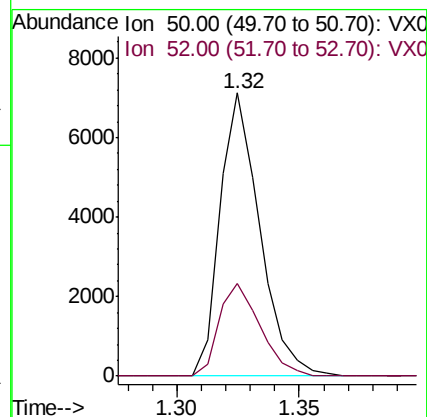
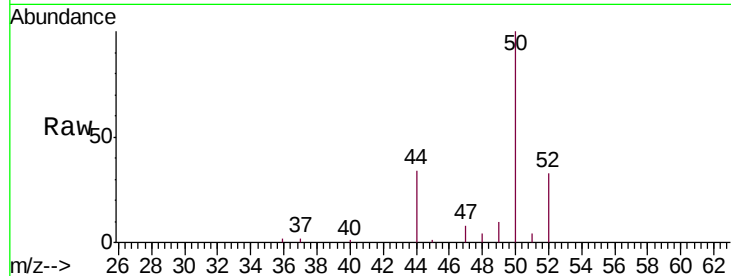
VSTDIC005

Tgt Ion: 50 Resp: 8045

Ion Ratio Lower Upper

50 100

52 32.7 25.6 38.4



#4

Vinyl Chloride

Concen: 6.199 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003713.D

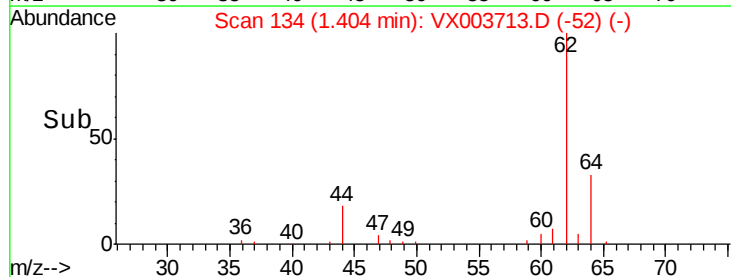
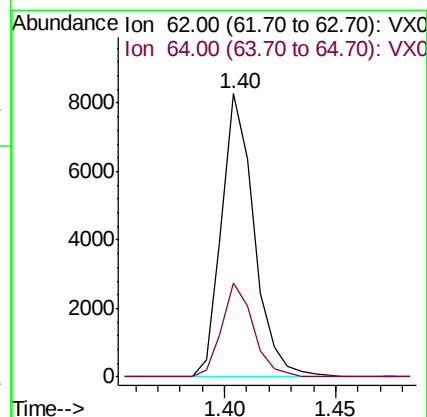
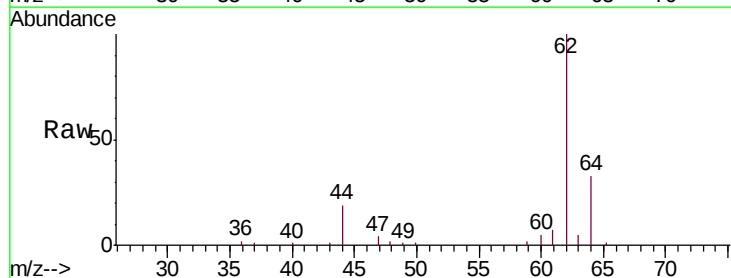
Acq: 27 Jul 2018 13:31

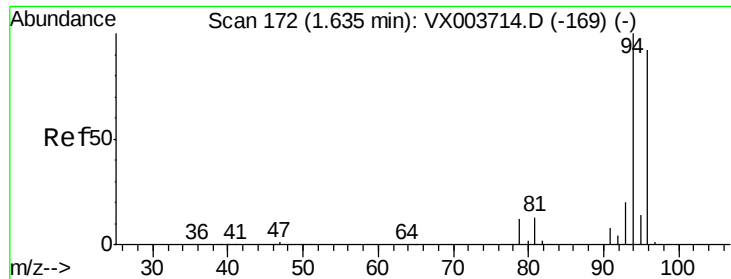
Tgt Ion: 62 Resp: 8416

Ion Ratio Lower Upper

62 100

64 33.3 25.3 37.9

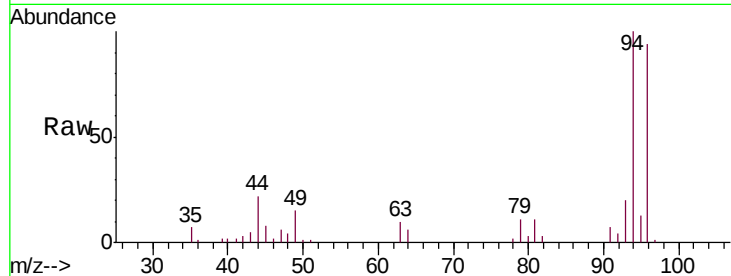




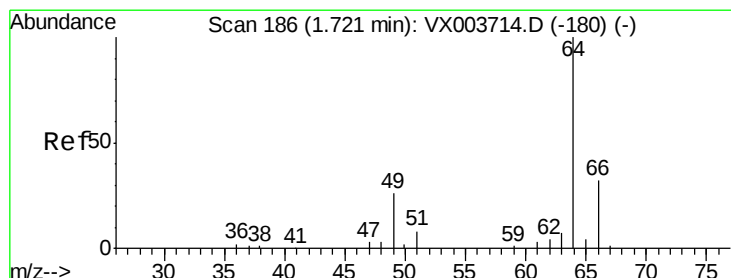
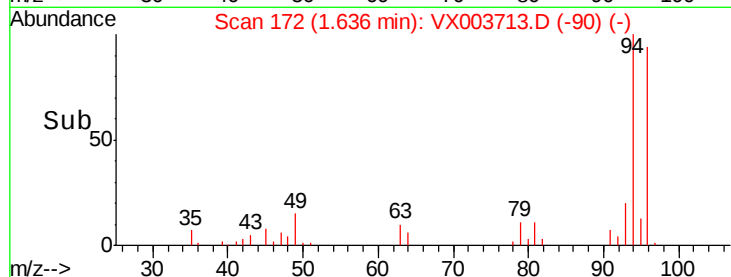
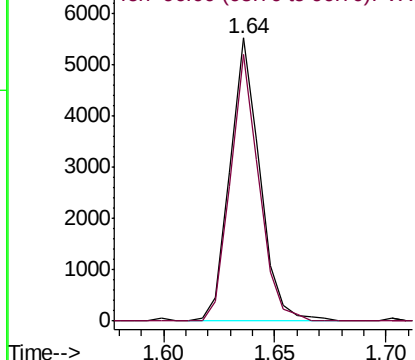
#5
 Bromomethane
 Concen: 6.353 ug/l
 RT: 1.64 min Scan# 172
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 94 Resp: 5155
 Ion Ratio Lower Upper
 94 100
 96 94.1 75.7 113.5

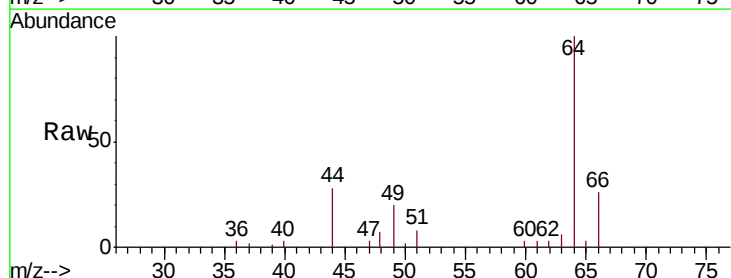


Abundance Ion 94.00 (93.70 to 94.70): VX0
 Ion 96.00 (95.70 to 96.70): VX0

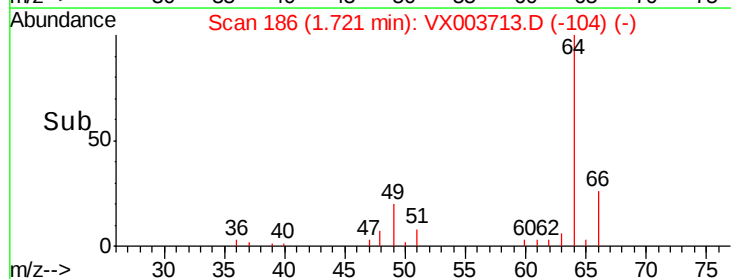
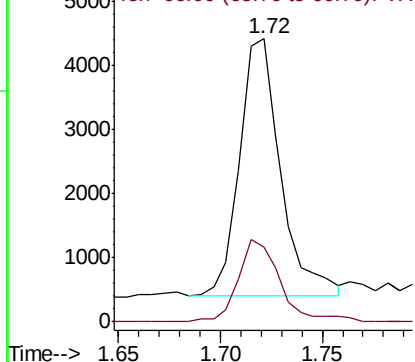


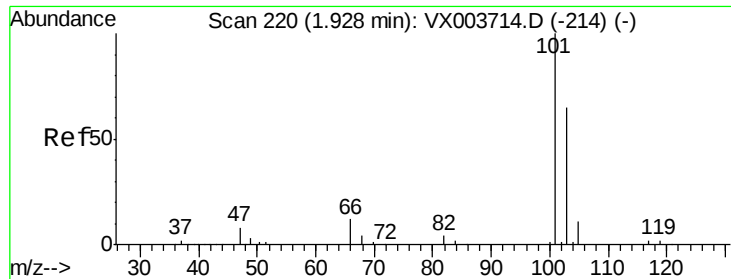
#6
 Chloroethane
 Concen: 6.363 ug/l
 RT: 1.72 min Scan# 186
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion: 64 Resp: 5654
 Ion Ratio Lower Upper
 64 100
 66 29.1 24.3 36.5



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



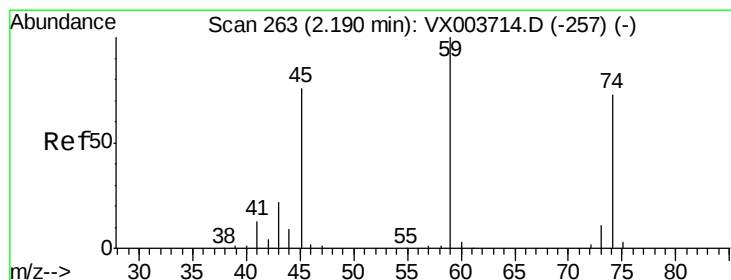
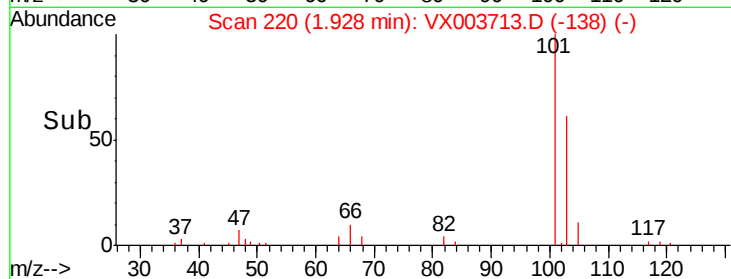
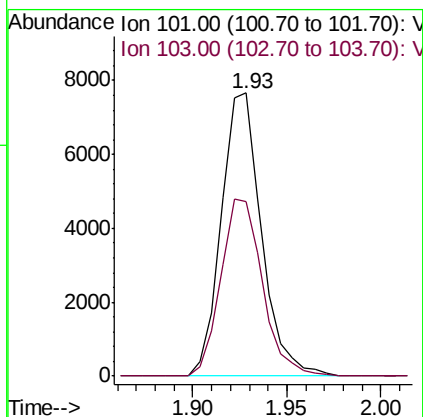
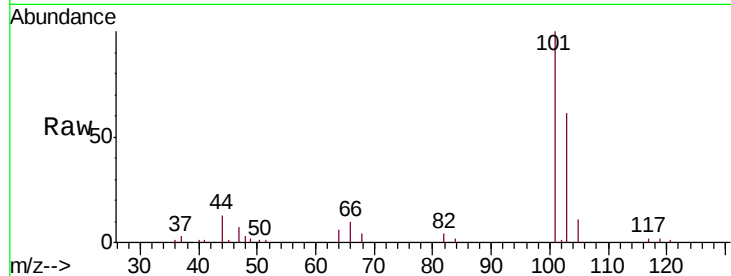


#7

Trichlorofluoromethane
Concen: 6.209 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

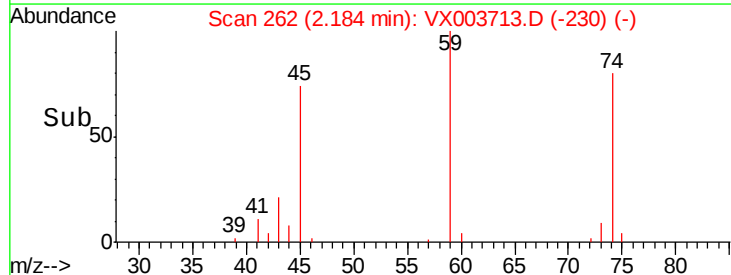
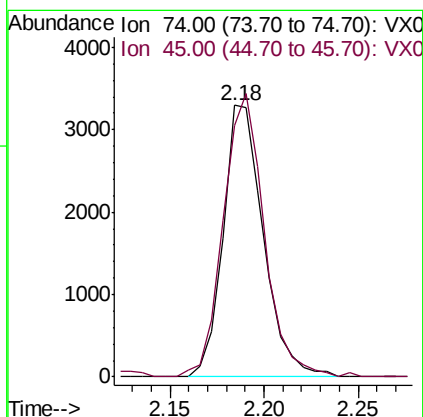
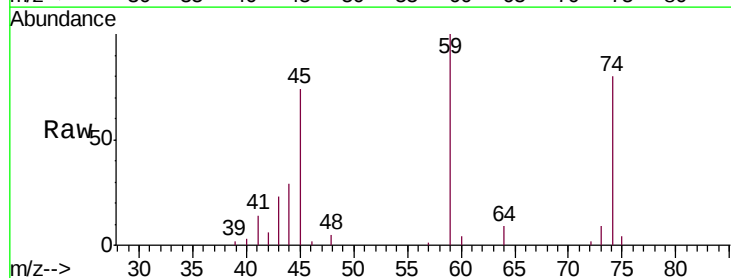
Tgt Ion: 101 Resp: 11337
Ion Ratio Lower Upper
101 100
103 61.5 51.5 77.3

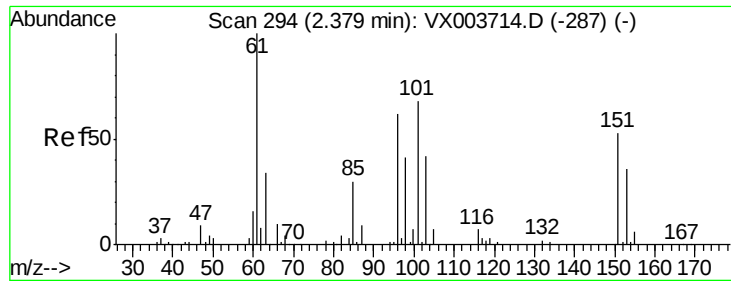


#8

Diethyl Ether
Concen: 6.255 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion: 74 Resp: 4896
Ion Ratio Lower Upper
74 100
45 105.3 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.357 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

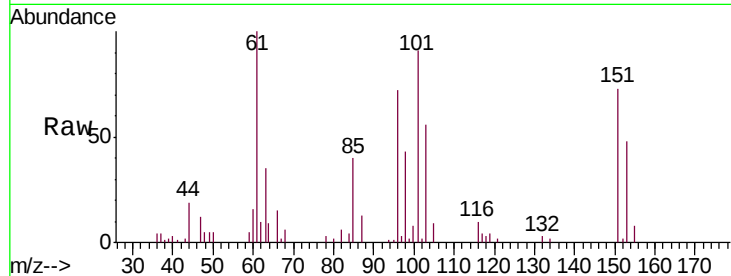
Tgt Ion: 101 Resp: 7038

Ion Ratio Lower Upper

101 100

85 43.1 0.0 87.0

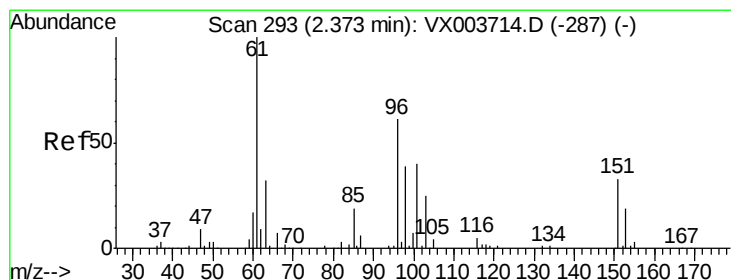
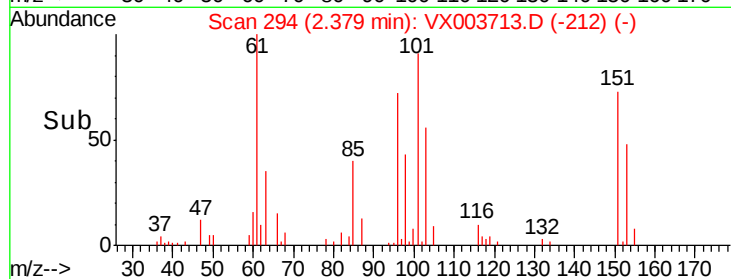
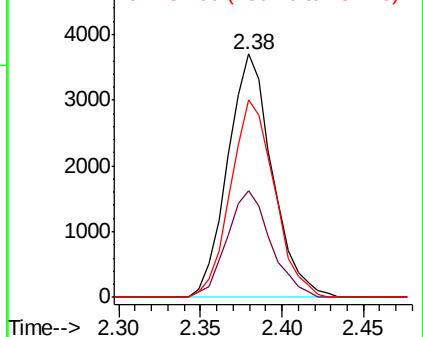
151 80.0 0.0 177.6



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: 6.128 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

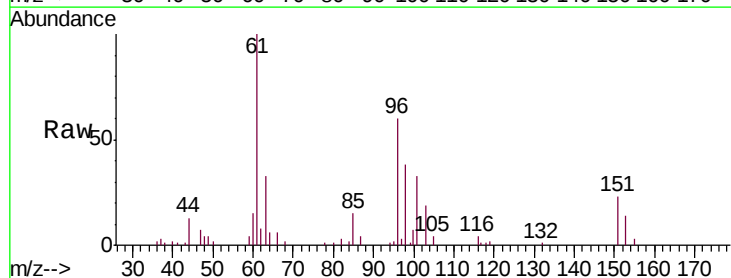
Tgt Ion: 96 Resp: 6379

Ion Ratio Lower Upper

96 100

61 166.8 137.5 206.3

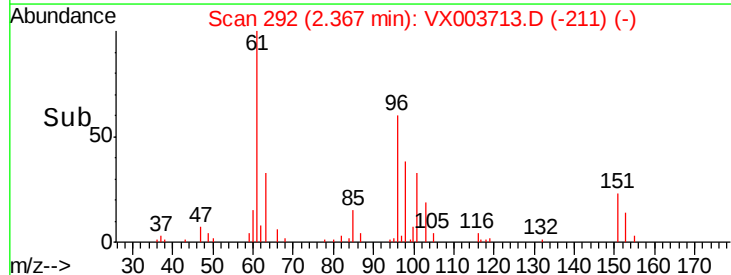
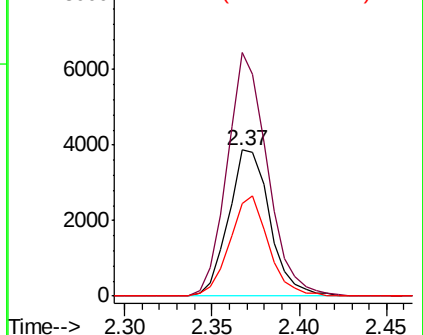
98 63.1 51.4 77.2

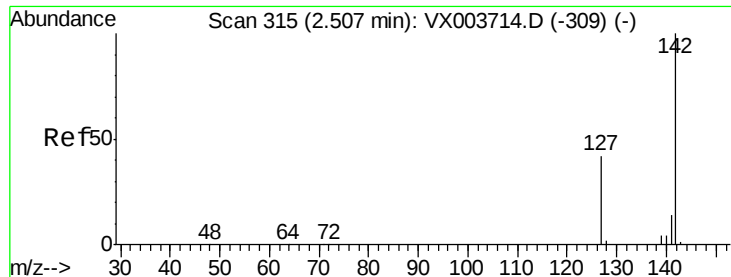


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

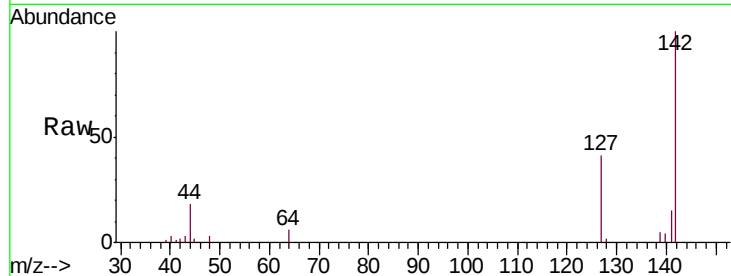




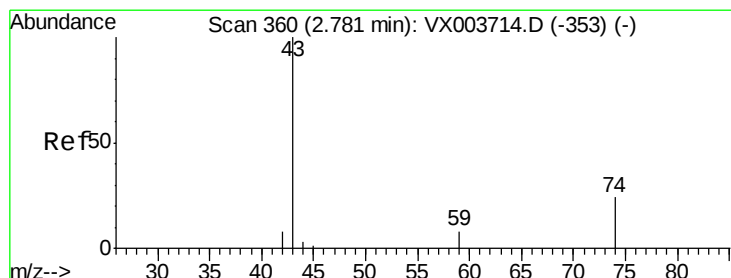
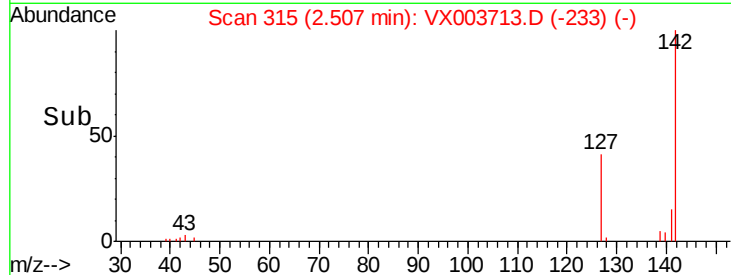
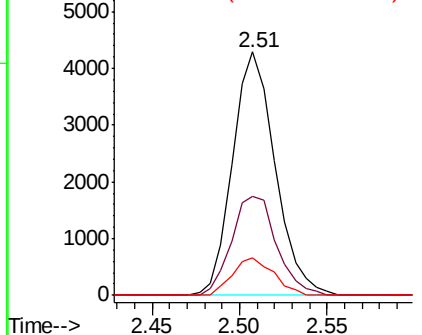
#11
Methyl Iodide
Concen: 5.042 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 142 Resp: 7276
Ion Ratio Lower Upper
142 100
127 40.6 23.2 69.6
141 15.2 7.4 22.2

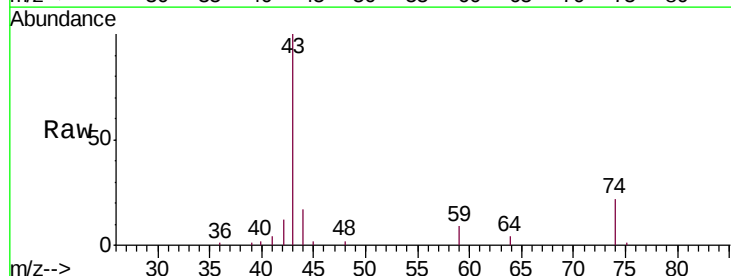


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

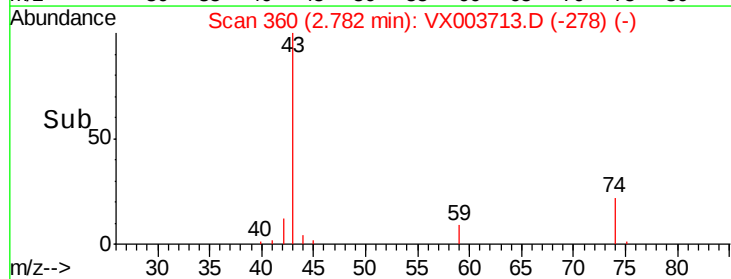
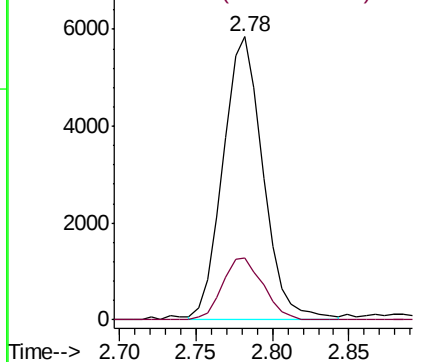


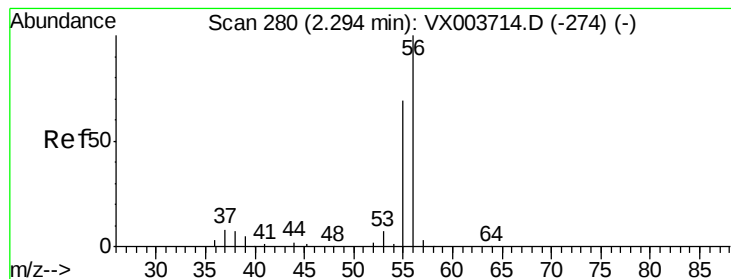
#12
Methyl Acetate
Concen: 5.534 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion: 43 Resp: 10659
Ion Ratio Lower Upper
43 100
74 22.2 16.4 24.6



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





#13

Acrolein

Concen: 15.383 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

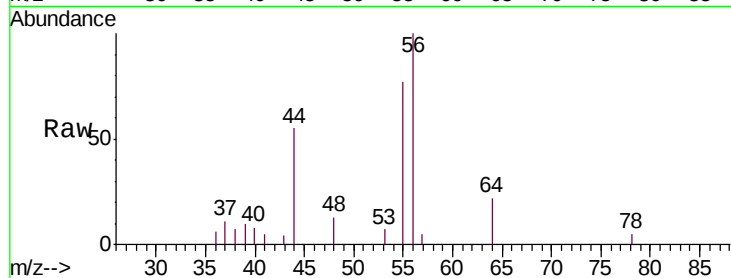
VSTDIC005

Tgt Ion: 56 Resp: 2311

Ion Ratio Lower Upper

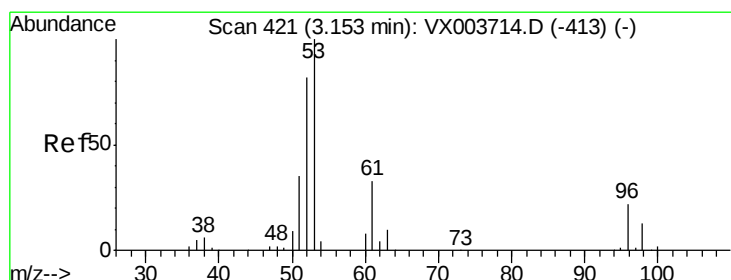
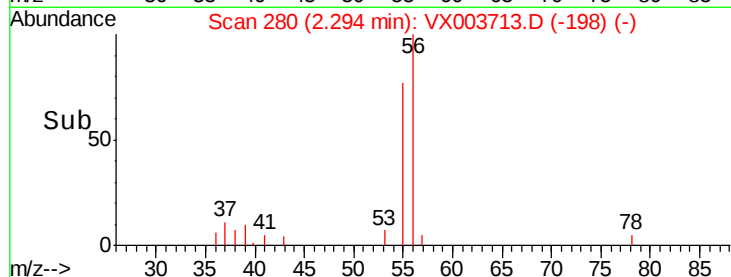
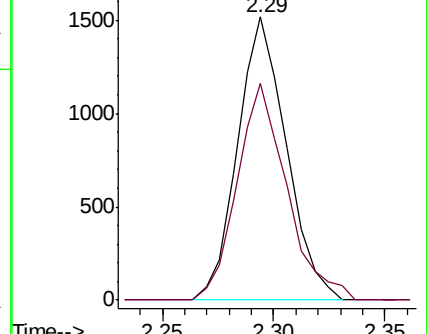
56 100

55 78.1 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 29.806 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

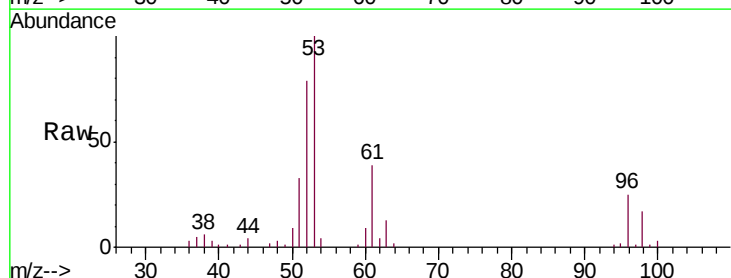
Tgt Ion: 53 Resp: 22623

Ion Ratio Lower Upper

53 100

52 81.9 41.5 124.6

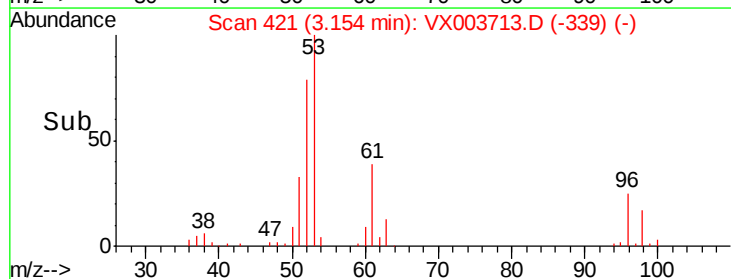
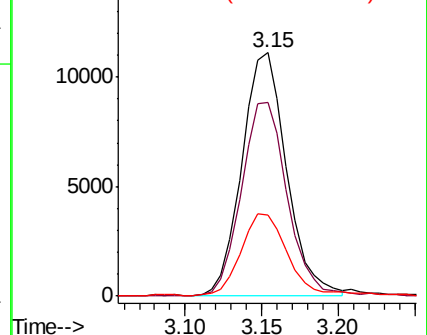
51 34.3 17.9 53.8

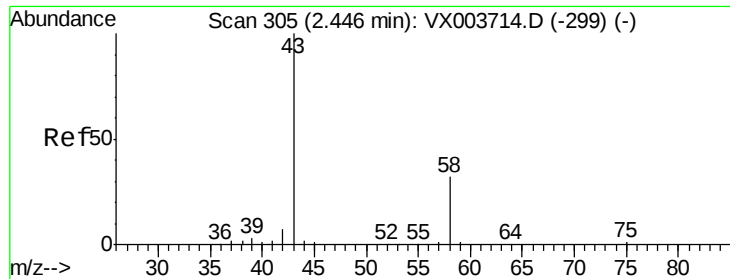


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 31.671 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

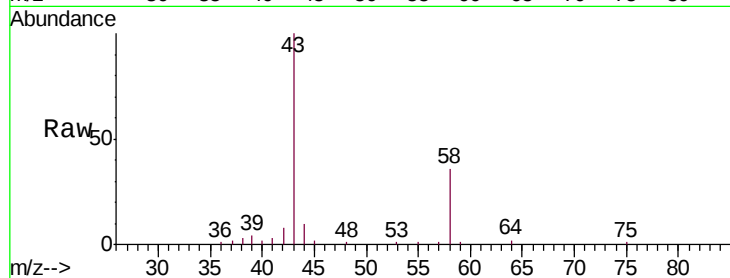
VSTDIC005

Tgt Ion: 58 Resp: 6523

Ion Ratio Lower Upper

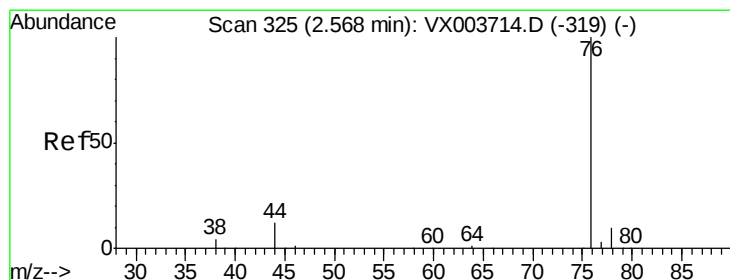
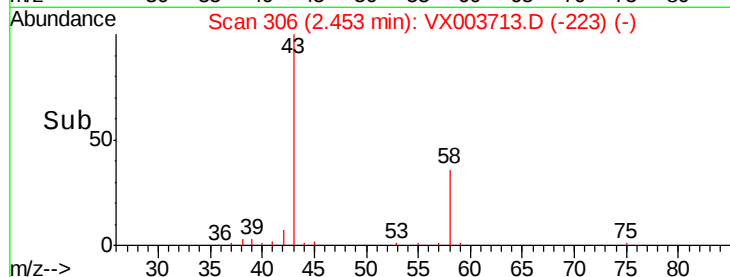
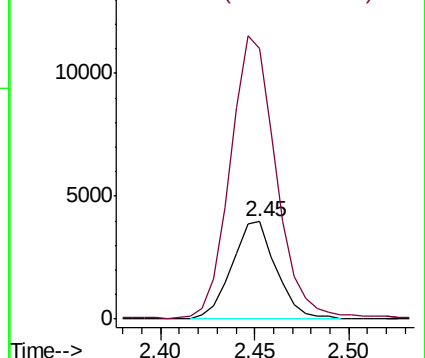
58 100

43 273.8 278.8 418.2#



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 5.923 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003713.D

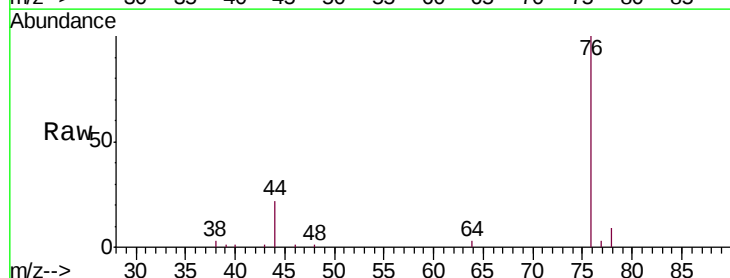
Acq: 27 Jul 2018 13:31

Tgt Ion: 76 Resp: 17123

Ion Ratio Lower Upper

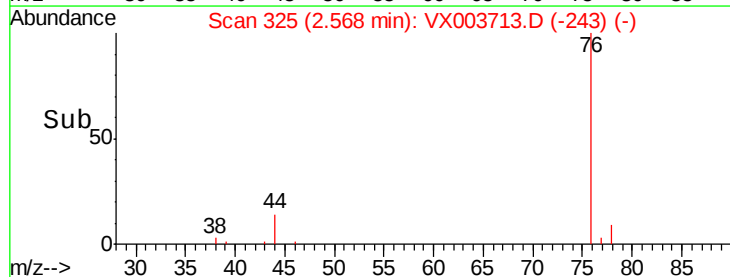
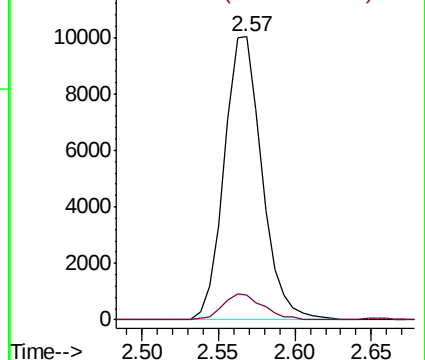
76 100

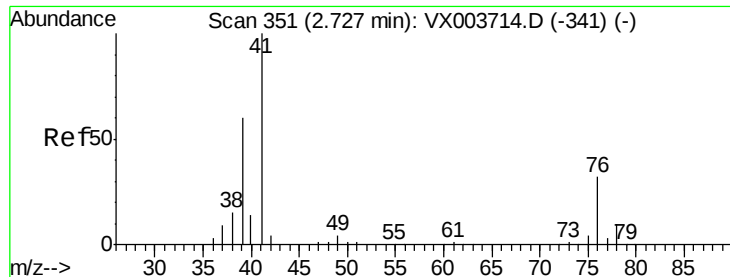
78 8.8 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

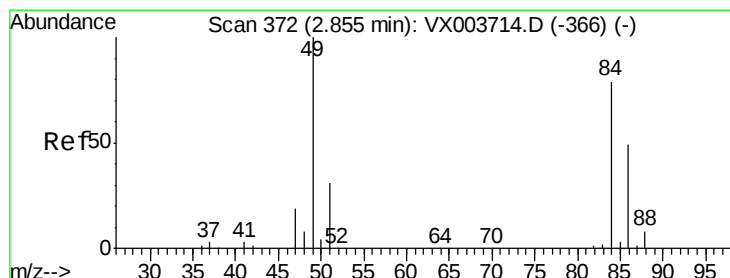
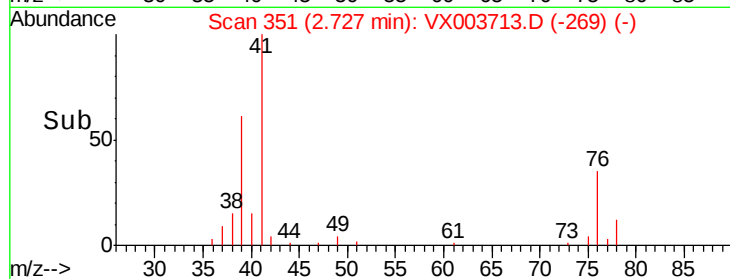
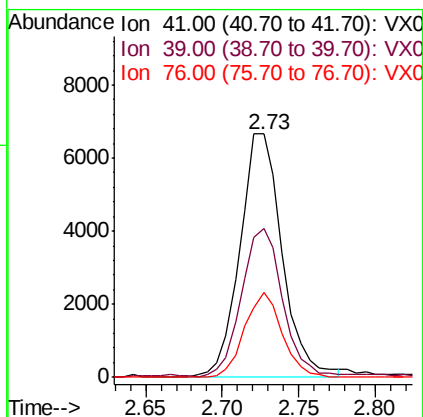
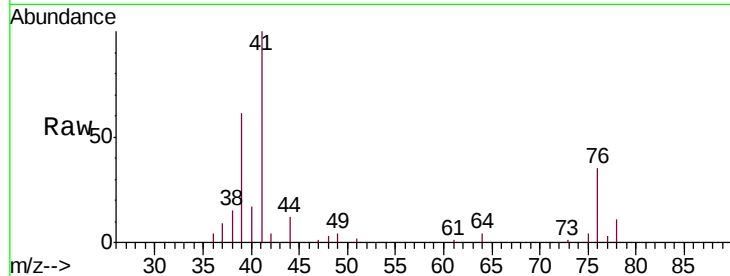




#17
 Allyl chloride
 Concen: 5.956 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

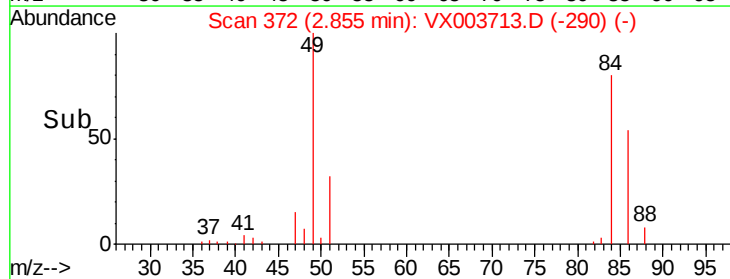
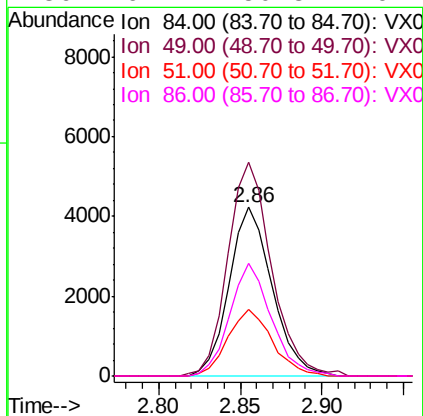
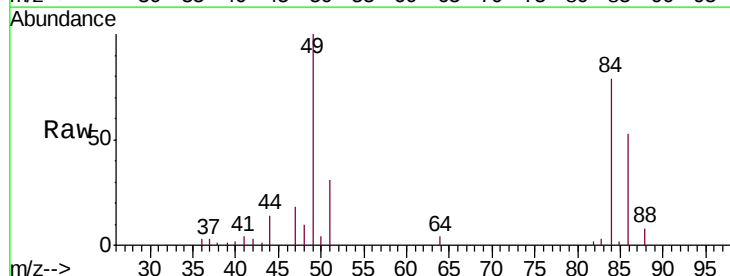
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

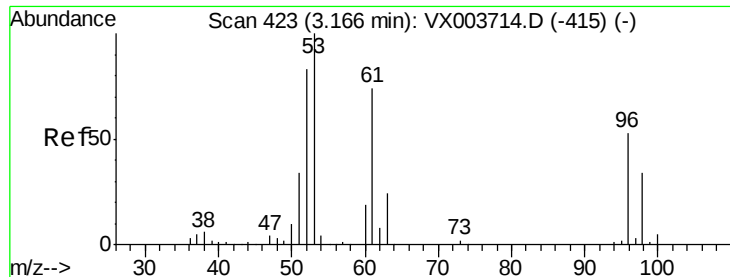
Tgt Ion: 41 Resp: 12832
 Ion Ratio Lower Upper
 41 100
 39 60.1 34.6 103.8
 76 34.9 15.0 45.1



#18
 Methylene Chloride
 Concen: 6.299 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion: 84 Resp: 7768
 Ion Ratio Lower Upper
 84 100
 49 125.3 104.7 157.1
 51 39.6 31.0 46.4
 86 67.1 50.8 76.2

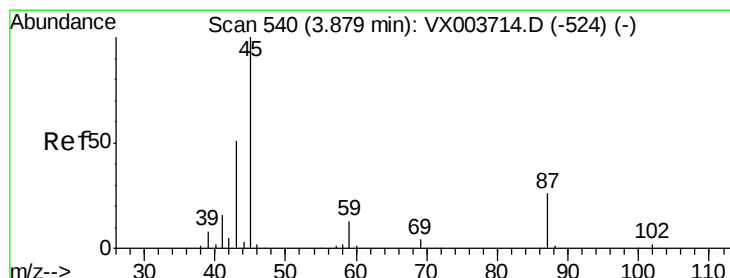
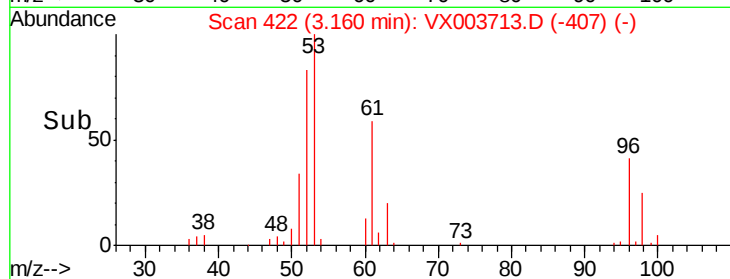
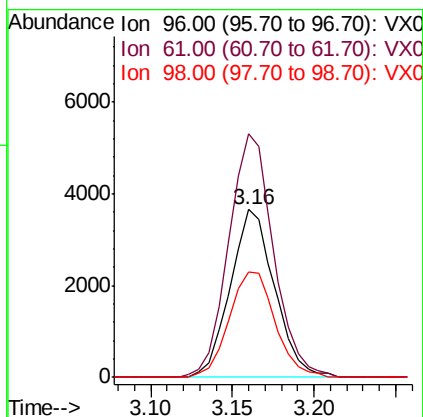
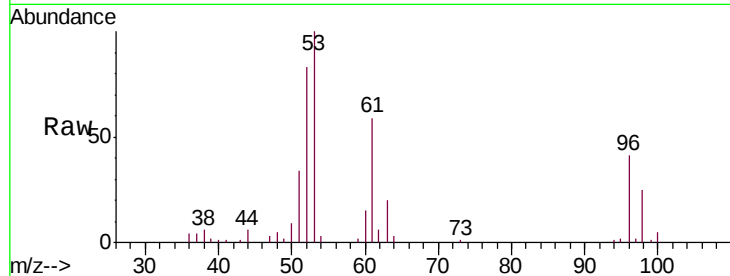




#19
trans-1,2-Dichloroethene
Concen: 6.156 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

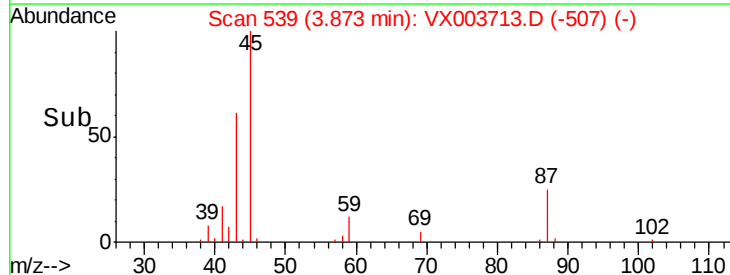
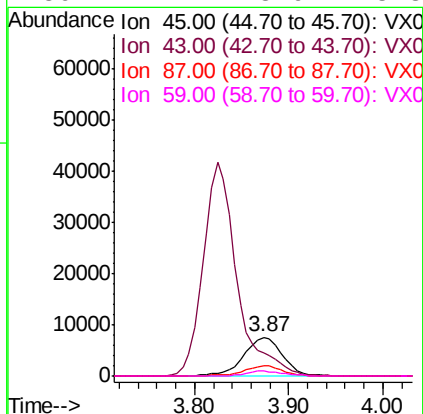
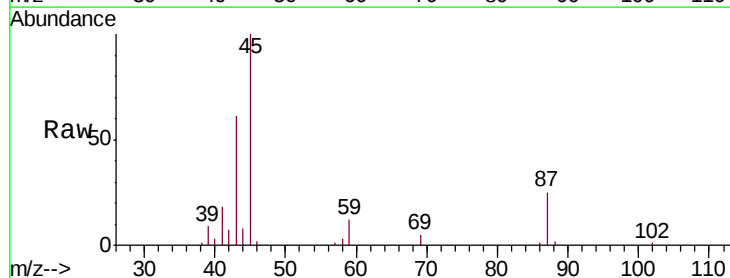
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

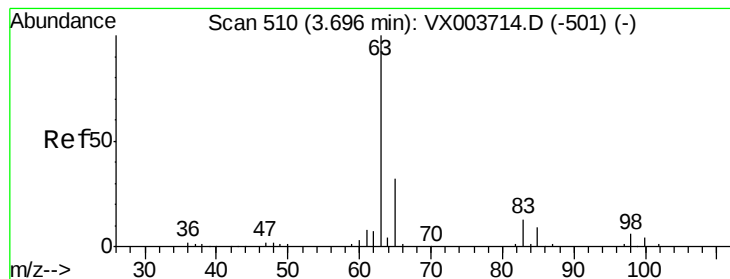
Tgt Ion: 96 Resp: 6927
Ion Ratio Lower Upper
96 100
61 144.9 114.6 172.0
98 62.4 51.3 76.9



#20
Diisopropyl ether
Concen: 5.487 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion: 45 Resp: 21711
Ion Ratio Lower Upper
45 100
43 60.2 45.6 68.4
87 25.4 20.7 31.1
59 12.4 8.9 13.3





#21

1,1-Dichloroethane

Concen: 6.117 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

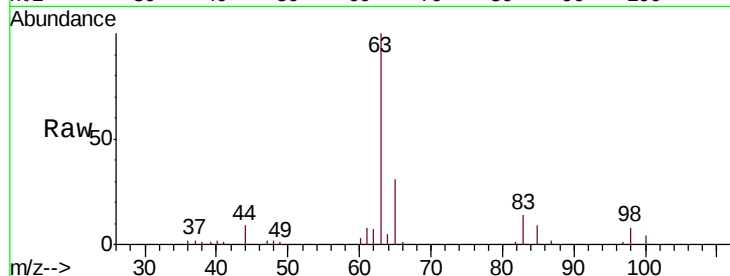
Tgt Ion: 63 Resp: 13702

Ion Ratio Lower Upper

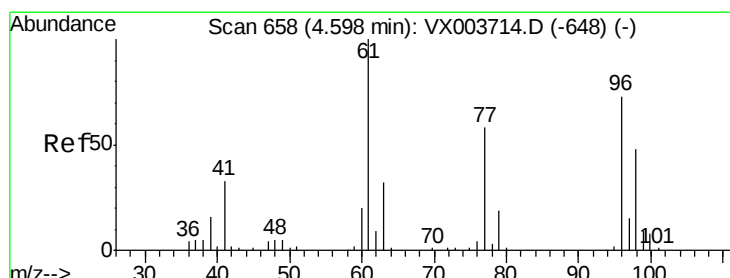
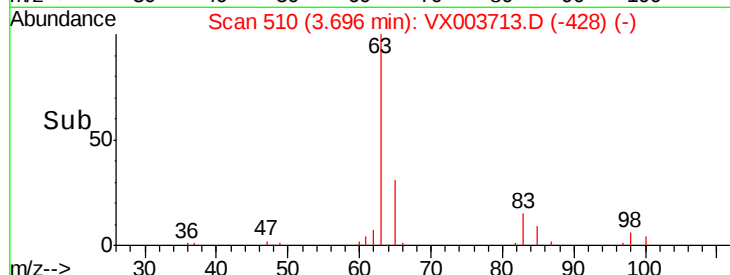
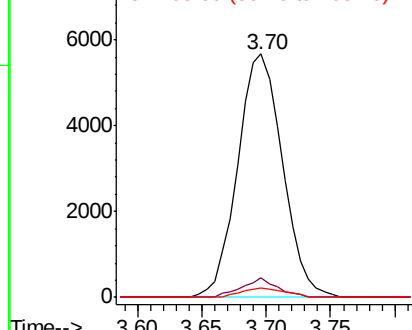
63 100

98 8.1 3.1 9.3

100 3.8 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 5.344 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

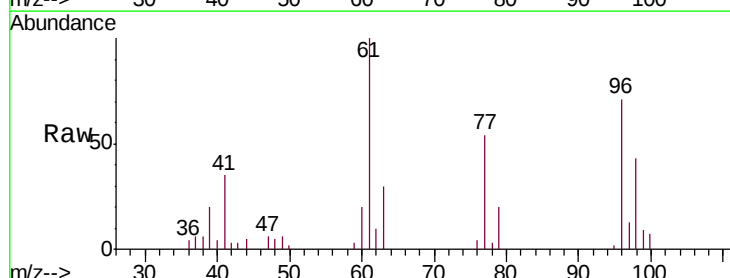
Tgt Ion: 96 Resp: 6073

Ion Ratio Lower Upper

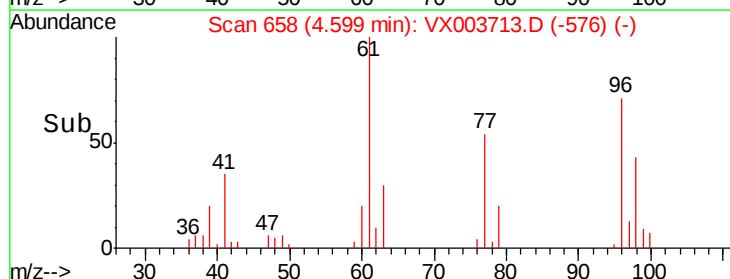
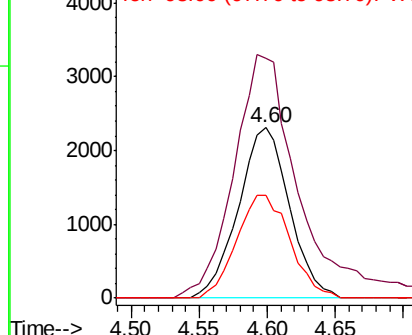
96 100

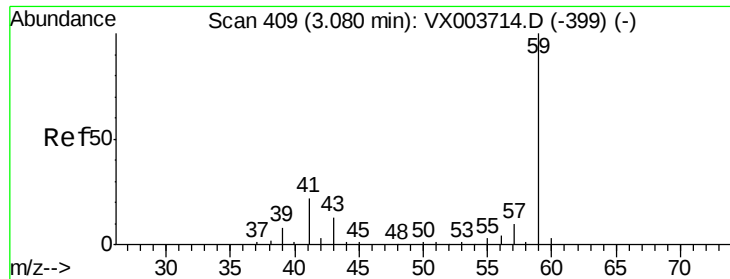
61 181.2 160.2 240.2

98 63.3 54.1 81.1



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

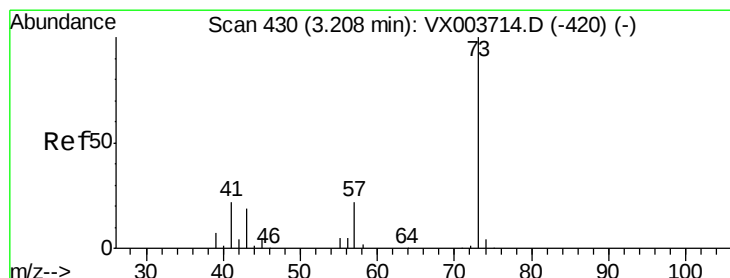
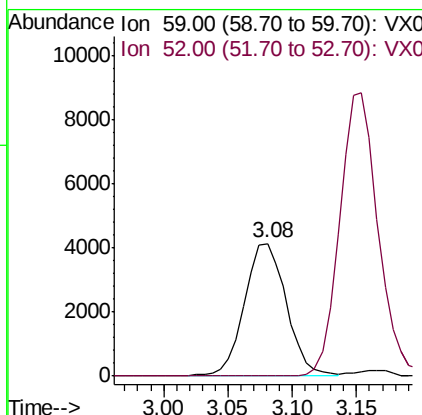
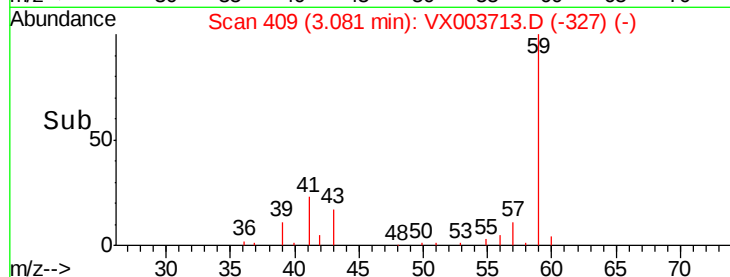
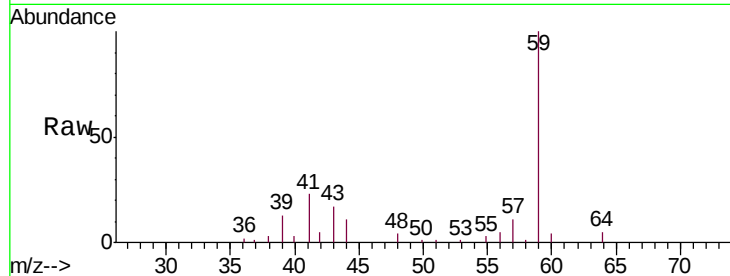




#23
 tert-Butyl Alcohol
 Concen: 29.431 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

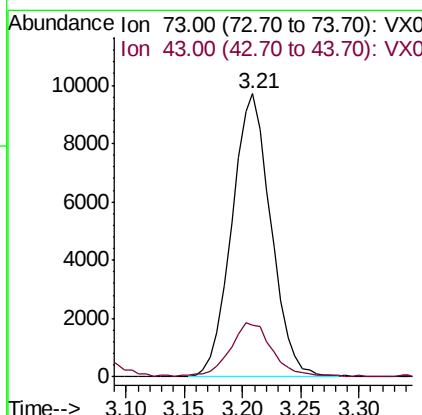
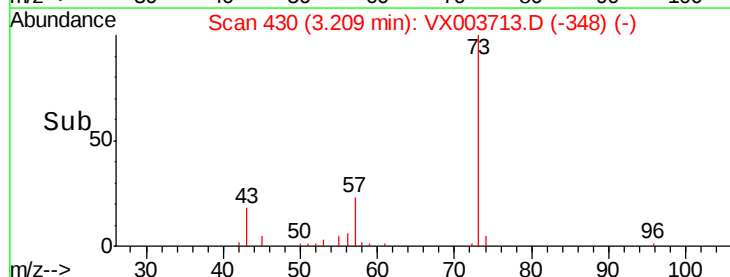
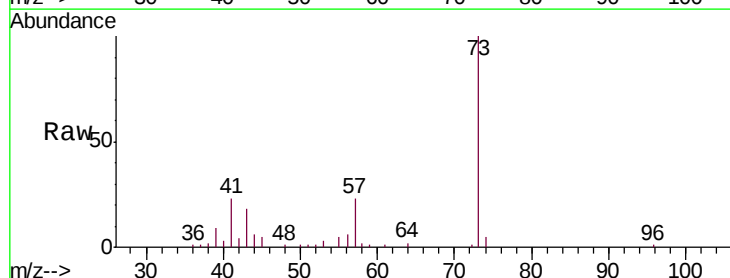
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

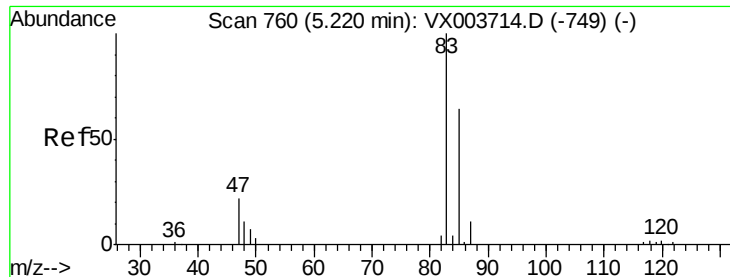
Tgt Ion: 59 Resp: 9383
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.2 0.2#



#24
 Methyl tert-Butyl Ether
 Concen: 6.082 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion: 73 Resp: 22706
 Ion Ratio Lower Upper
 73 100
 43 20.7 19.0 28.4

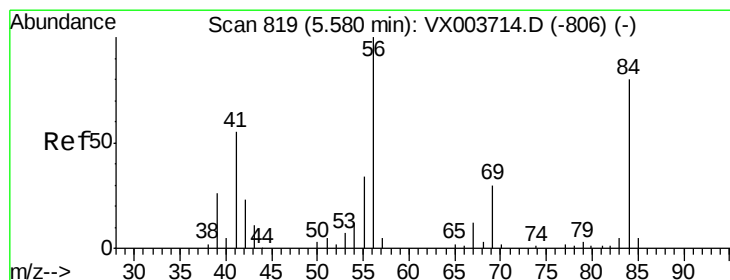
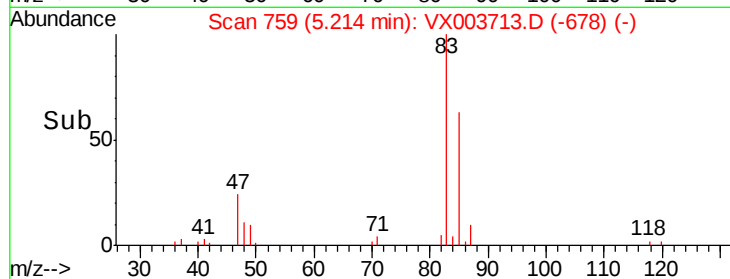
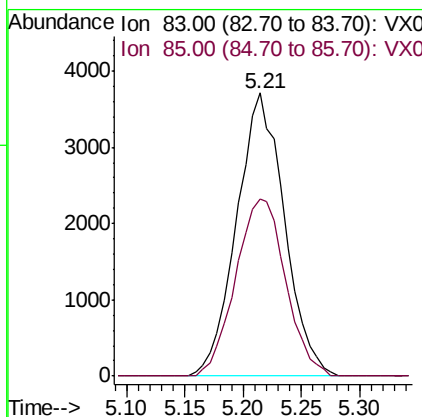
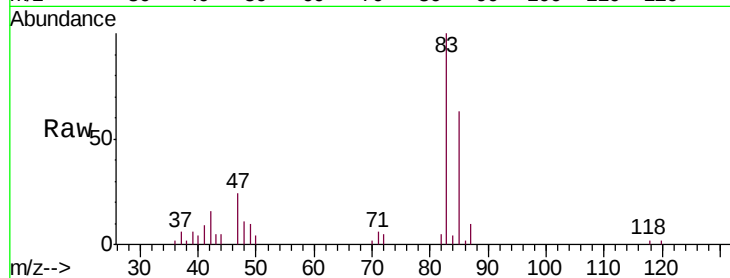




#25
Chloroform
Concen: 5.472 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

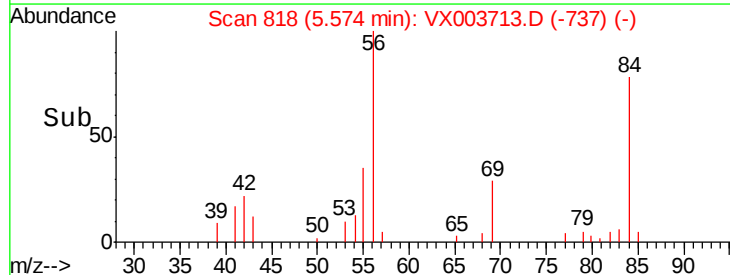
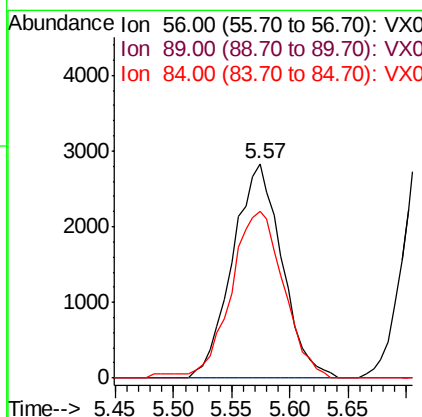
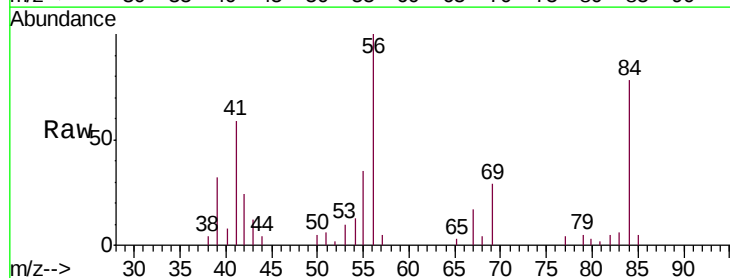
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

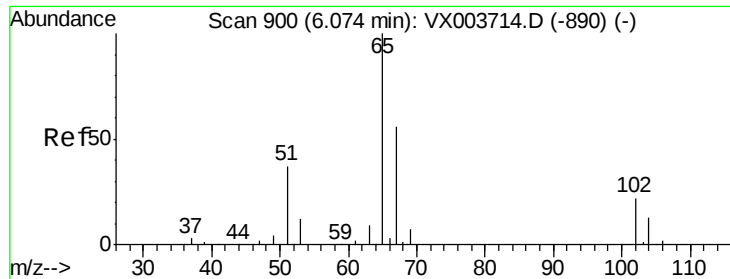
Tgt Ion: 83 Resp: 10614
Ion Ratio Lower Upper
83 100
85 62.7 51.9 77.9



#26
Cyclohexane
Concen: 4.971 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion: 56 Resp: 8364
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 82.1 64.9 97.3

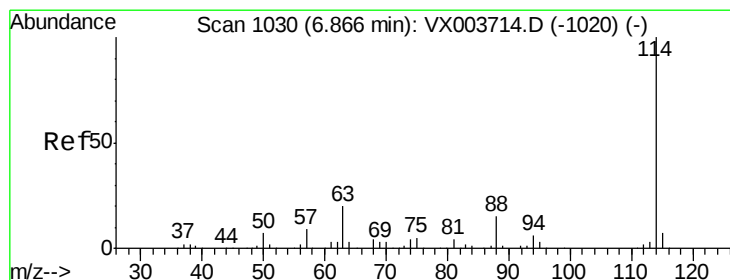
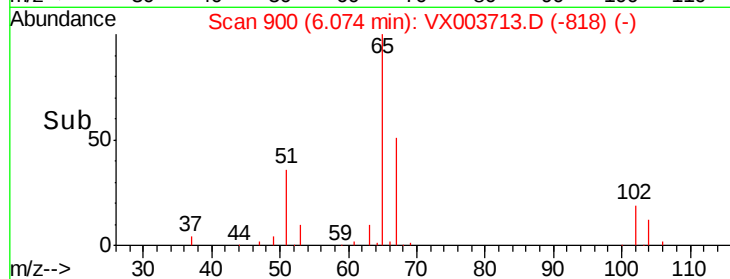
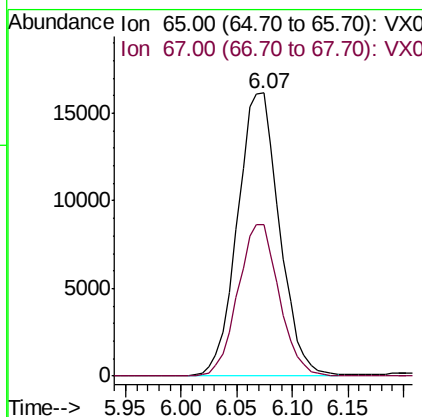
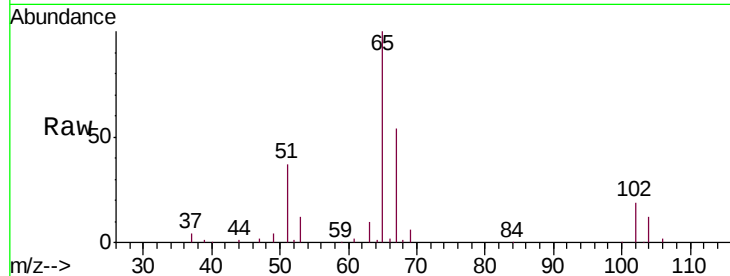




#27
 1,2-Dichloroethane-d4
 Concen: 31.723 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

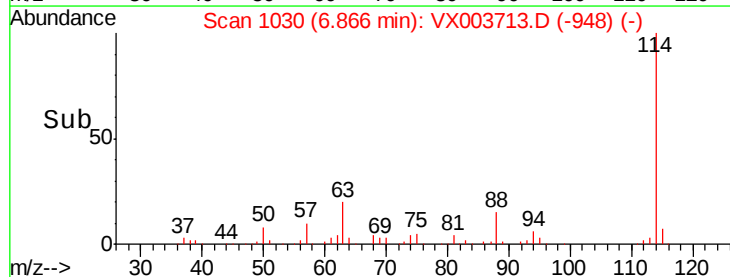
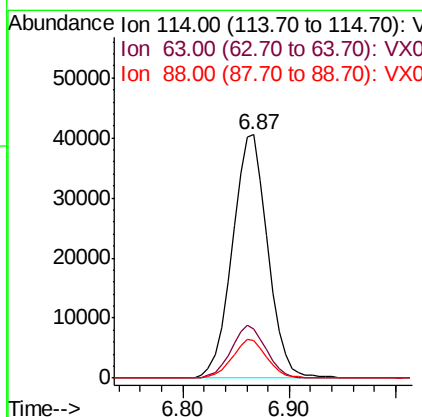
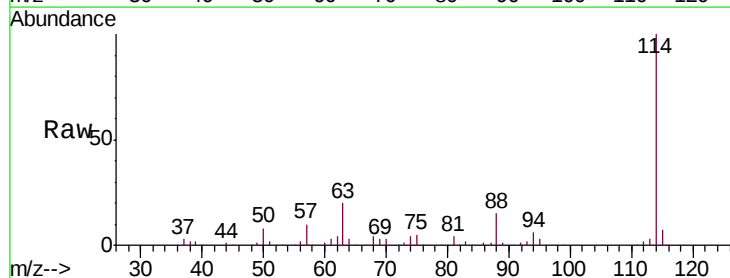
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

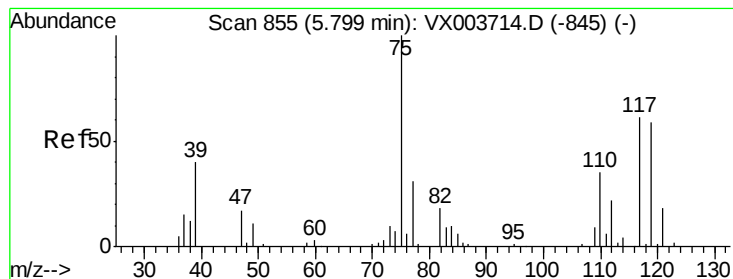
Tgt Ion: 65 Resp: 42288
 Ion Ratio Lower Upper
 65 100
 67 52.7 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion: 114 Resp: 94144
 Ion Ratio Lower Upper
 114 100
 63 21.4 17.1 25.7
 88 15.7 12.6 19.0





#29

1,1-Dichloropropene

Concen: 5.278 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

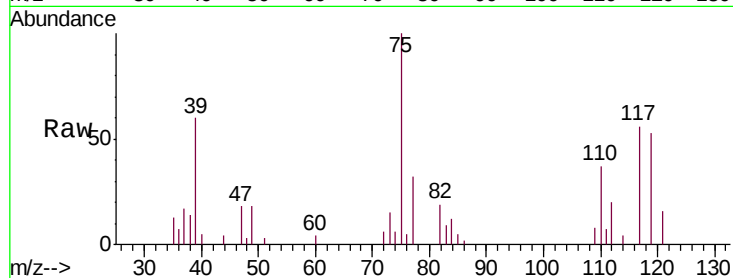
Tgt Ion: 75 Resp: 7338

Ion Ratio Lower Upper

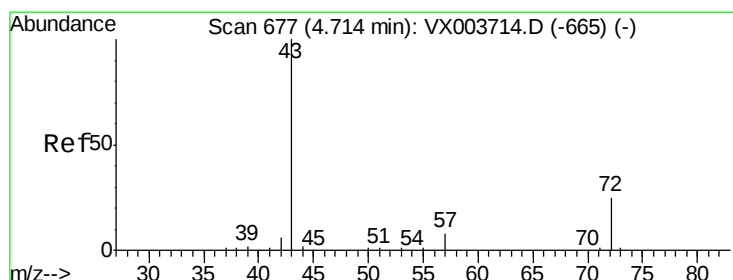
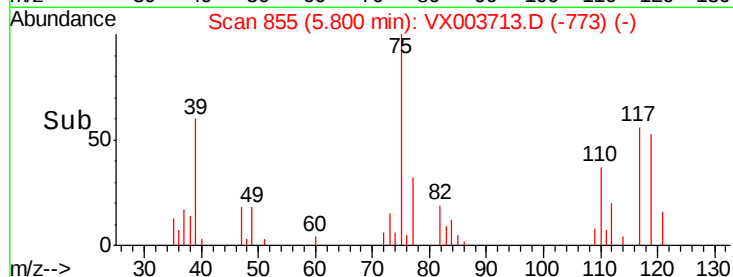
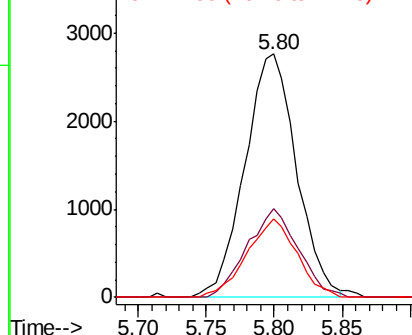
75 100

110 35.9 0.0 71.4

77 31.2 0.0 60.6



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 26.679 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

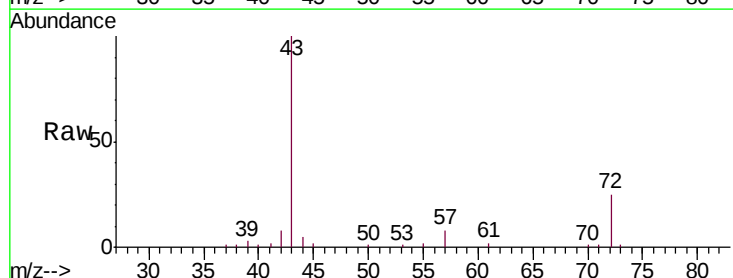
Tgt Ion: 43 Resp: 23686

Ion Ratio Lower Upper

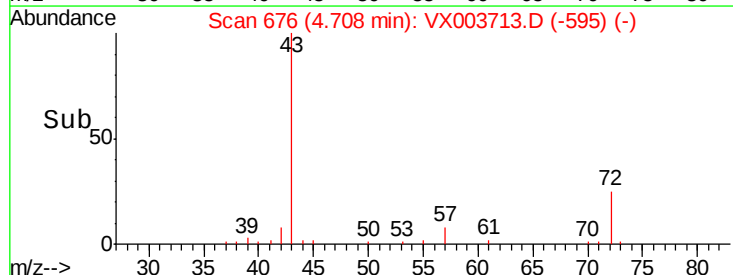
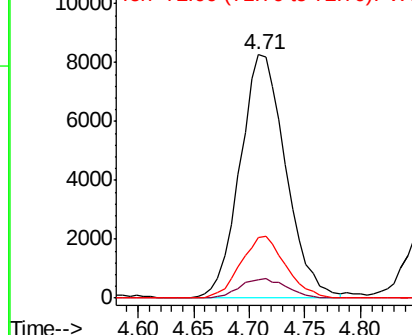
43 100

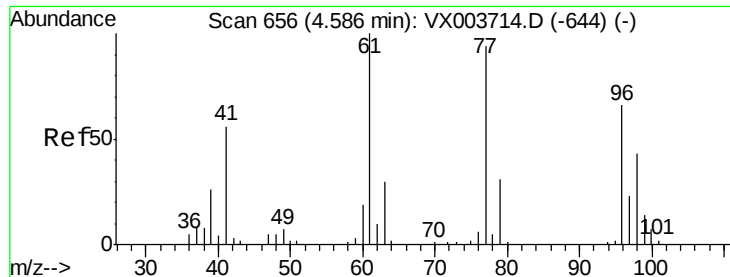
57 8.1 6.1 9.1

72 24.8 18.1 27.1



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

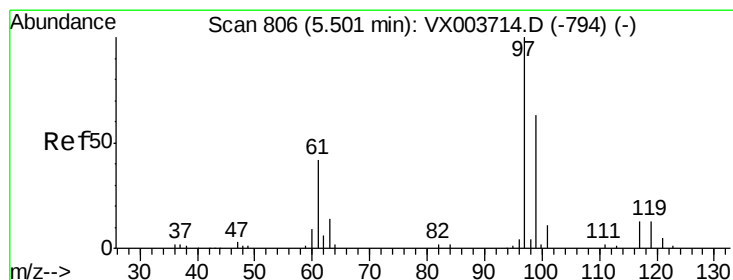
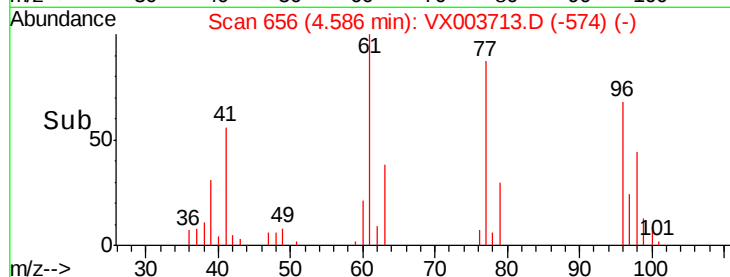
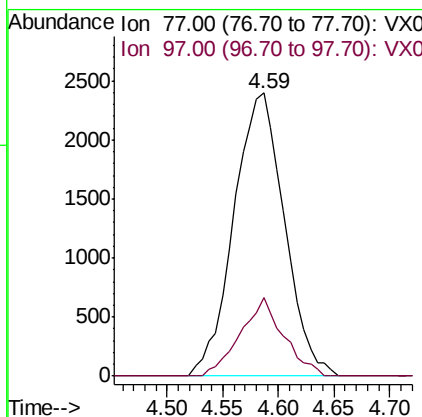
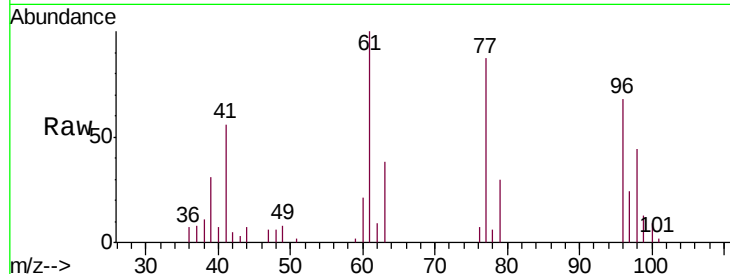




#31
 2,2-Dichloropropane
 Concen: 5.622 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

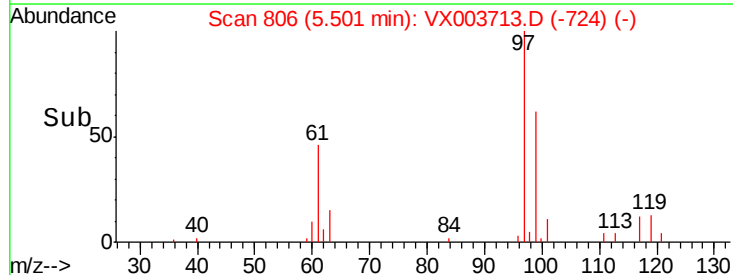
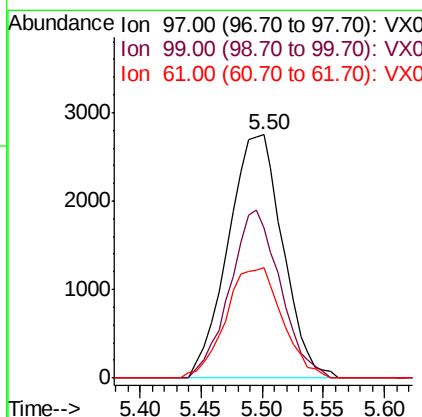
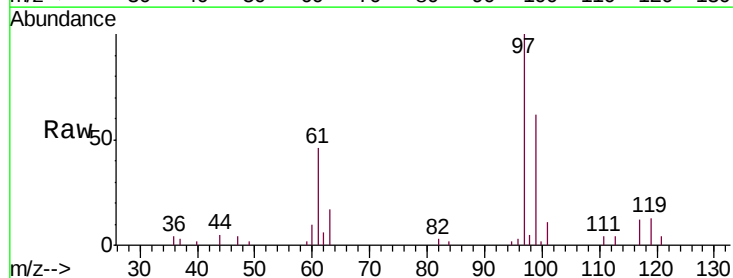
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

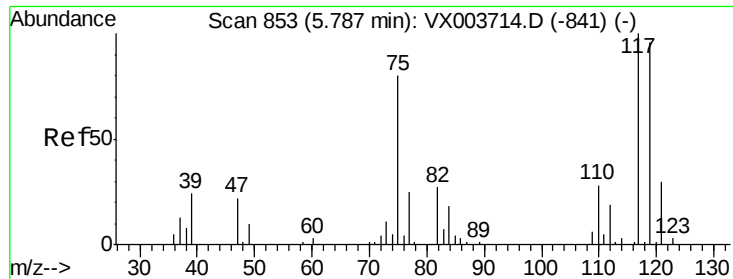
Tgt Ion: 77 Resp: 7571
 Ion Ratio Lower Upper
 77 100
 97 23.6 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 5.356 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion: 97 Resp: 8519
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.7 77.5
 61 46.9 36.4 54.6

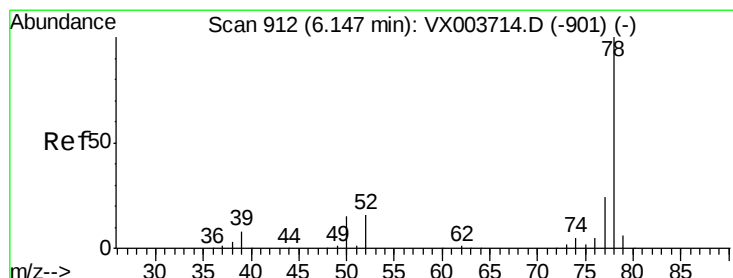
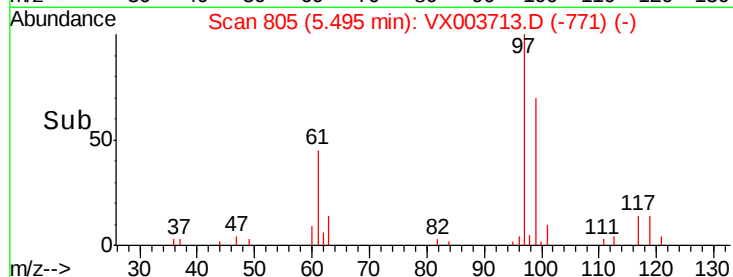
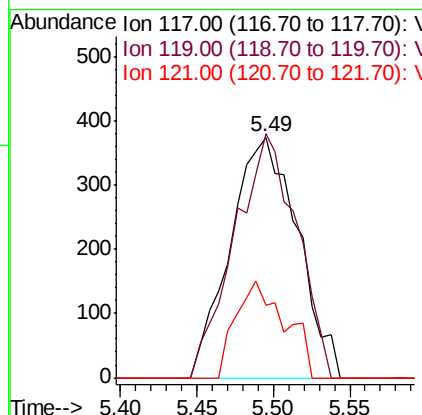
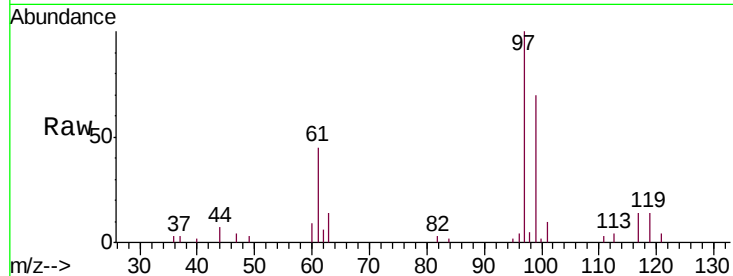




#33
 Carbon Tetrachloride
 Concen: 0.831 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.29 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

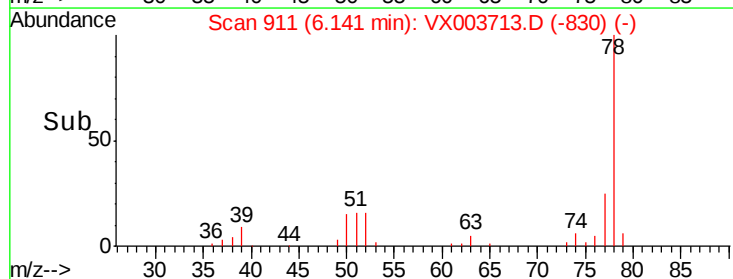
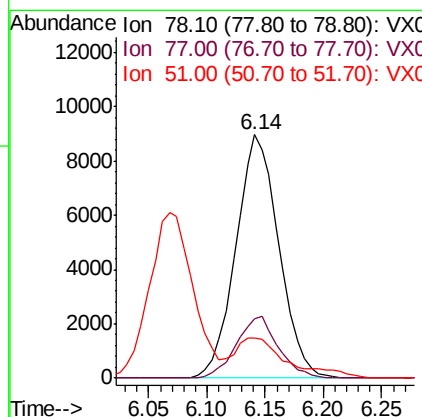
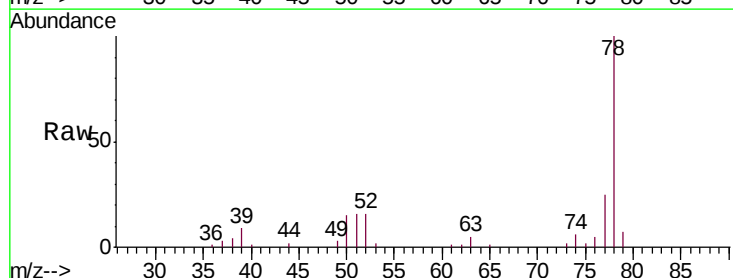
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

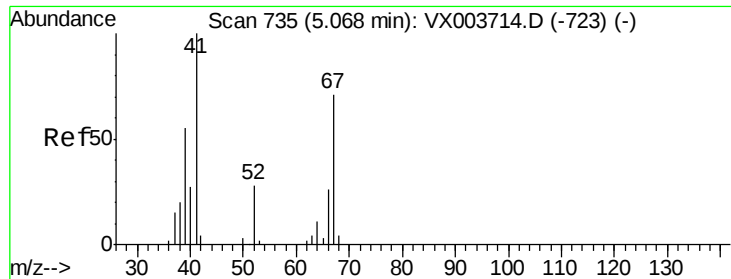
Tgt Ion: 117 Resp: 1148
 Ion Ratio Lower Upper
 117 100
 119 101.3 73.3 109.9
 121 30.1 23.6 35.4



#34
 Benzene
 Concen: 5.382 ug/l
 RT: 6.14 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion: 78 Resp: 22988
 Ion Ratio Lower Upper
 78 100
 77 24.5 19.4 29.0
 51 13.6 13.8 20.6#

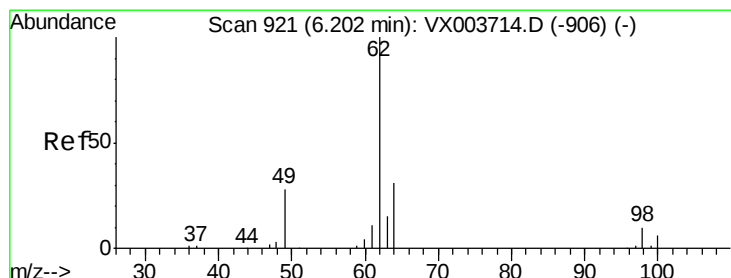
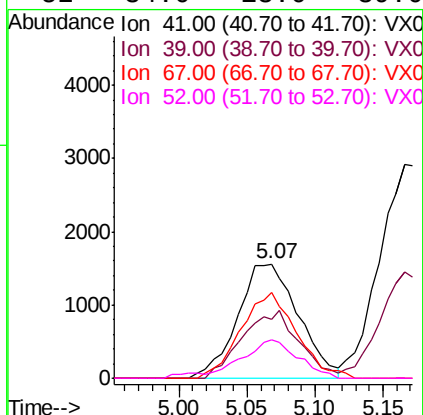
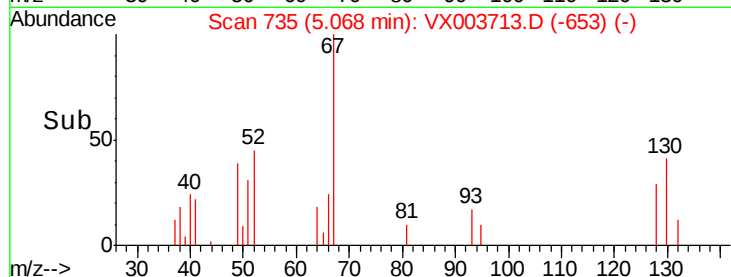
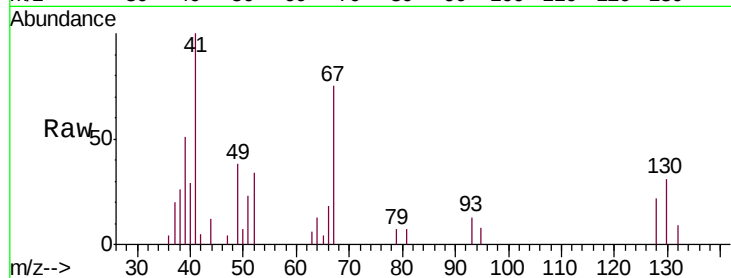




#35
Methacrylonitrile
Concen: 5.285 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

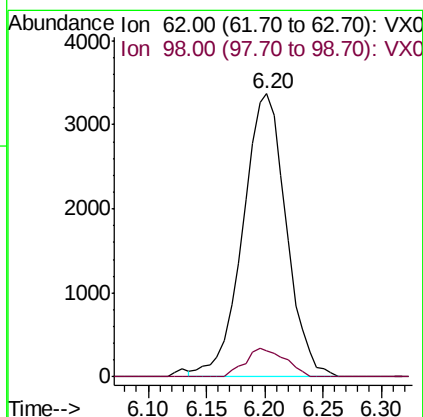
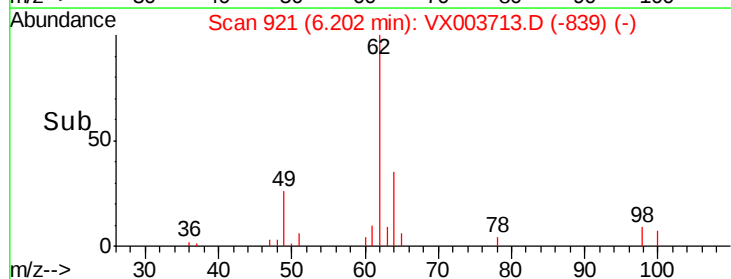
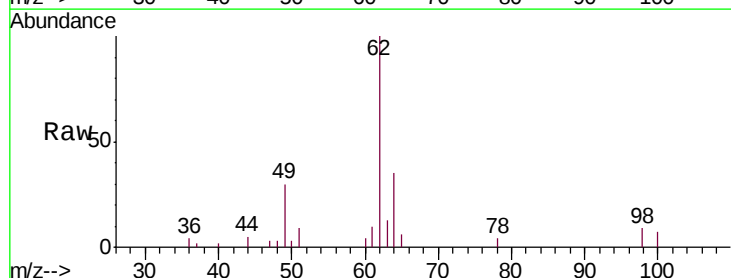
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

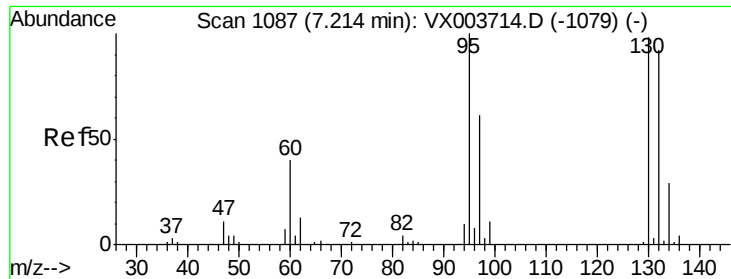
Tgt Ion: 41 Resp: 4876
Ion Ratio Lower Upper
41 100
39 51.4 28.8 86.5
67 75.1 30.4 91.2
52 34.0 13.0 39.0



#36
1,2-Dichloroethane
Concen: 5.690 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion: 62 Resp: 8735
Ion Ratio Lower Upper
62 100
98 9.3 6.5 9.7

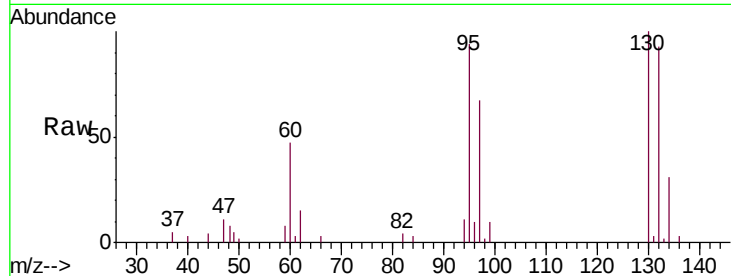




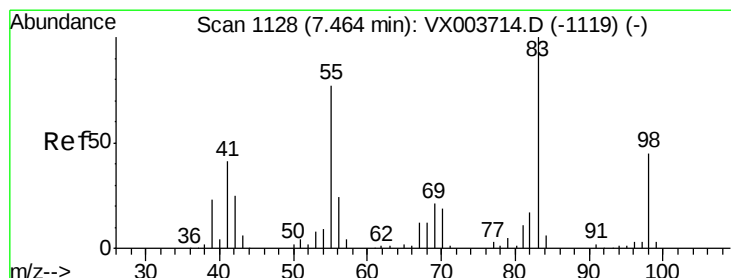
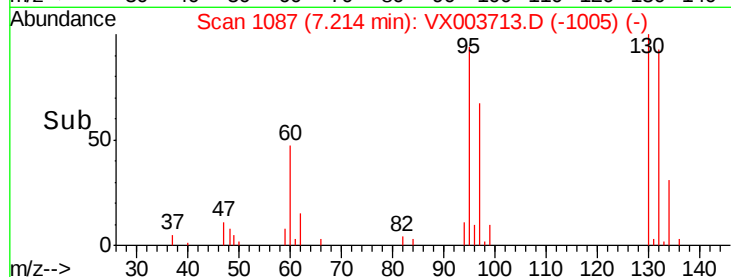
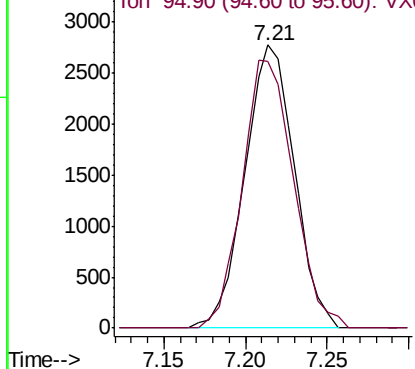
#37
 Trichloroethene
 Concen: 5.248 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 130 Resp: 5842
 Ion Ratio Lower Upper
 130 100
 95 94.2 81.5 122.3

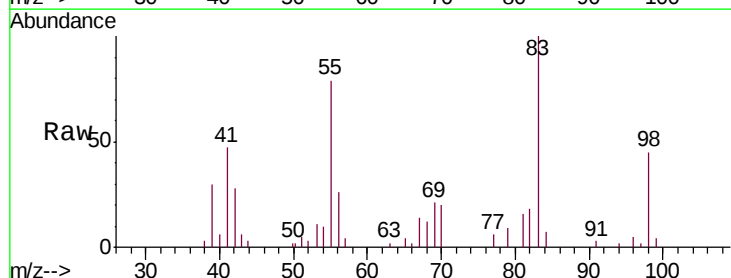


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

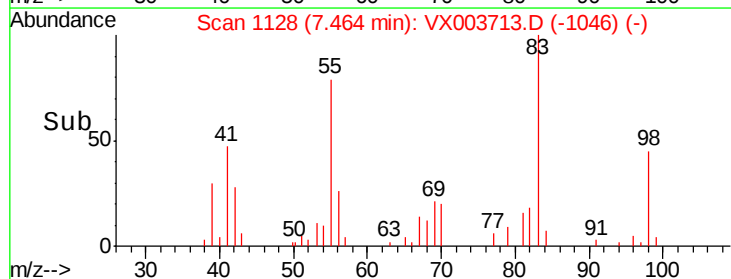
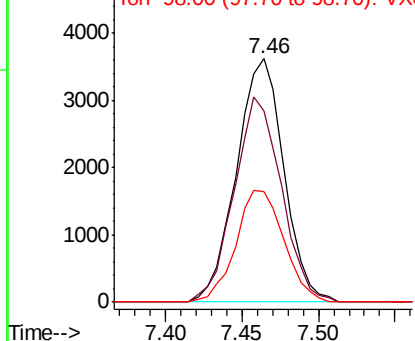


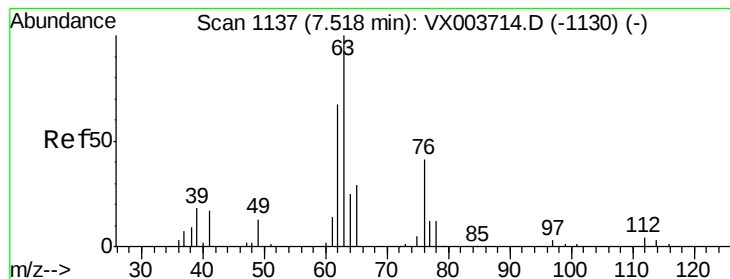
#38
 Methylcyclohexane
 Concen: 4.944 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion: 83 Resp: 7810
 Ion Ratio Lower Upper
 83 100
 55 83.7 40.6 121.8
 98 46.4 23.5 70.5



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





#39

1,2-Dichloropropane

Concen: 5.357 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

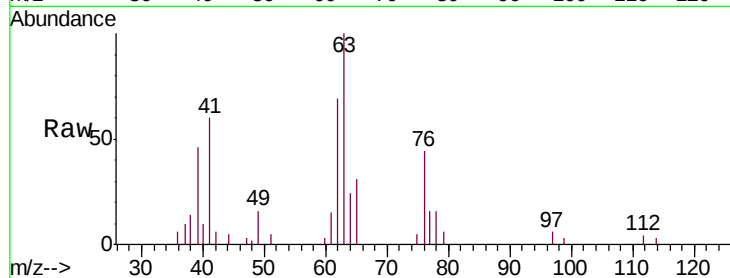
VSTDIC005

Tgt Ion: 63 Resp: 6047

Ion Ratio Lower Upper

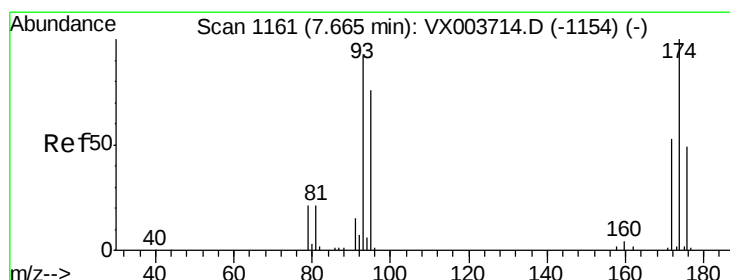
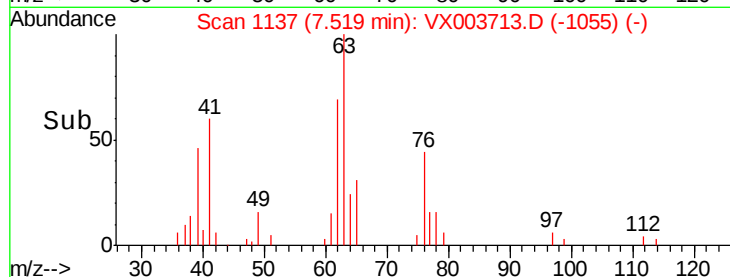
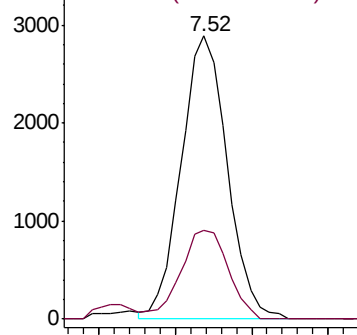
63 100

65 31.4 23.3 34.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 5.484 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

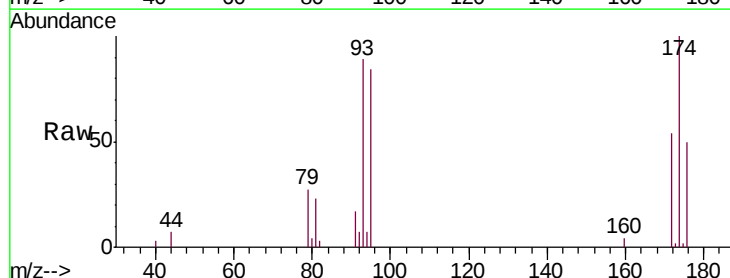
Tgt Ion: 93 Resp: 4006

Ion Ratio Lower Upper

93 100

95 84.7 0.0 162.6

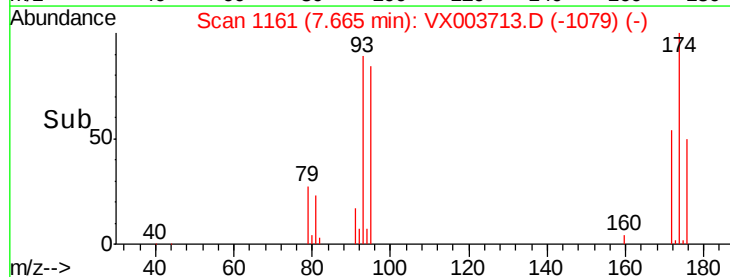
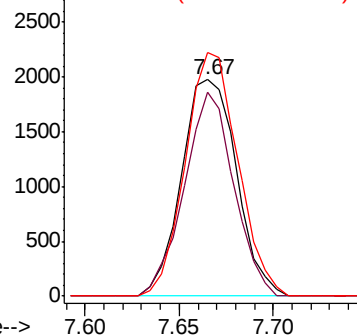
174 107.4 0.0 229.4

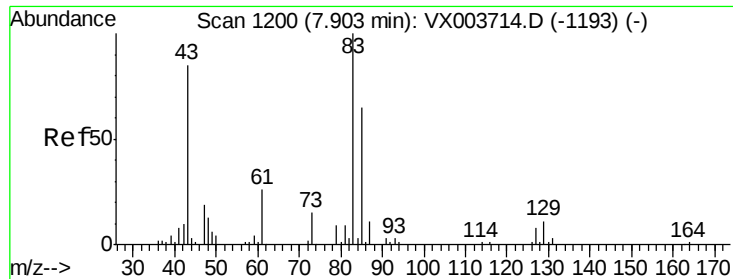


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 5.176 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

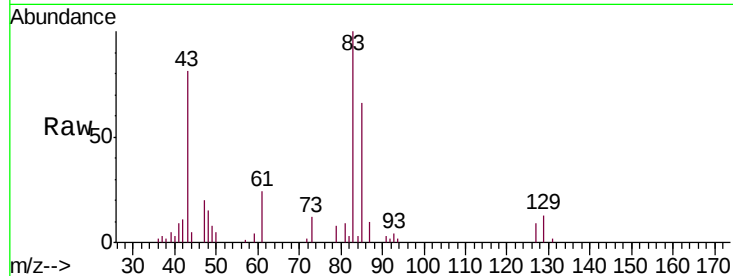
Tgt Ion: 83 Resp: 7223

Ion Ratio Lower Upper

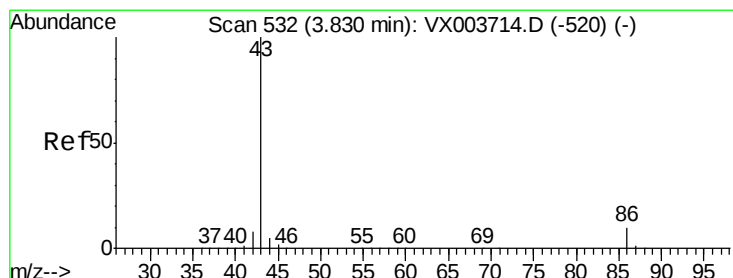
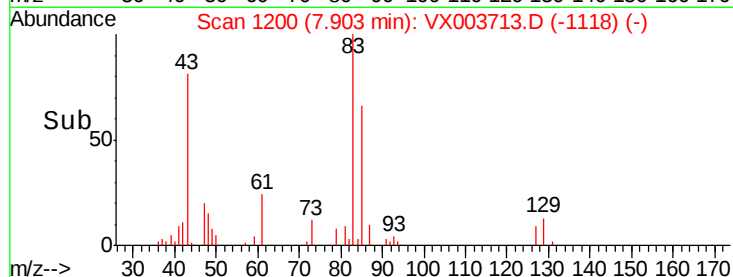
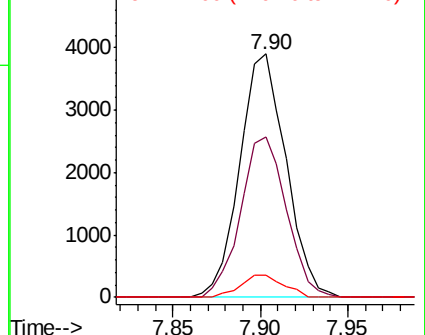
83 100

85 65.9 49.8 74.8

127 9.0 7.3 10.9



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: 30.547 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003713.D

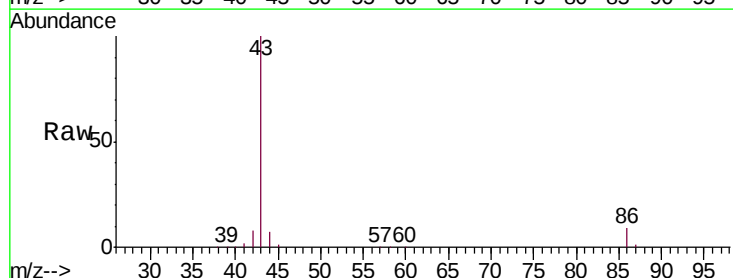
Acq: 27 Jul 2018 13:31

Tgt Ion: 43 Resp: 104208

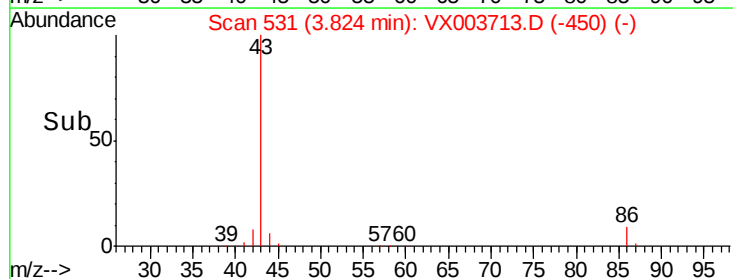
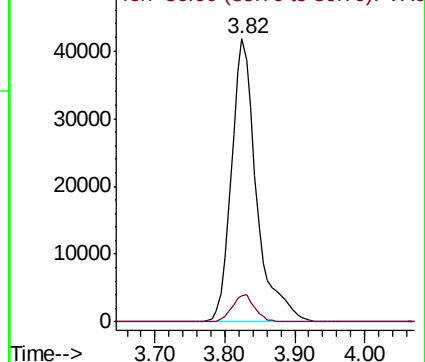
Ion Ratio Lower Upper

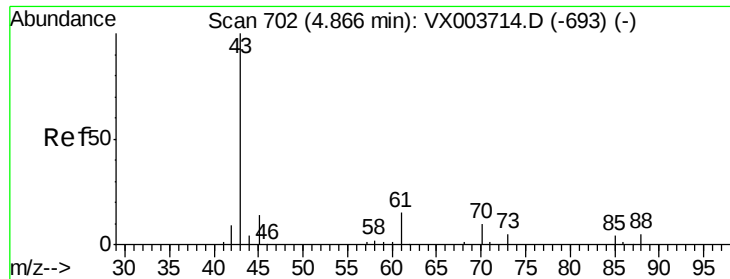
43 100

86 8.6 6.7 10.1



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





#43

Ethyl Acetate

Concen: 5.381 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

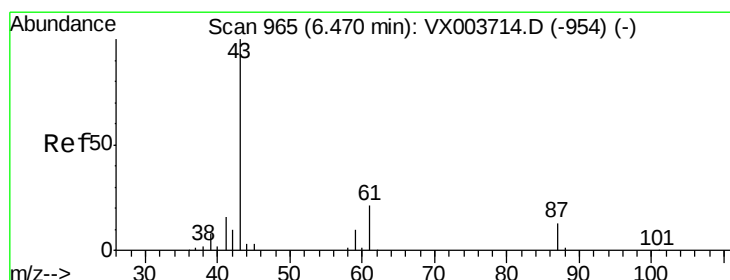
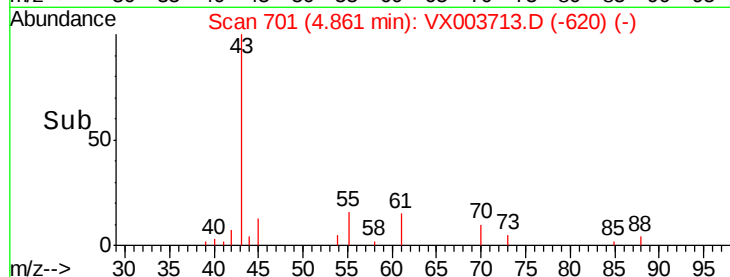
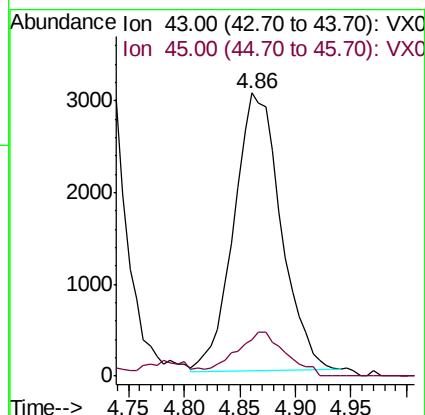
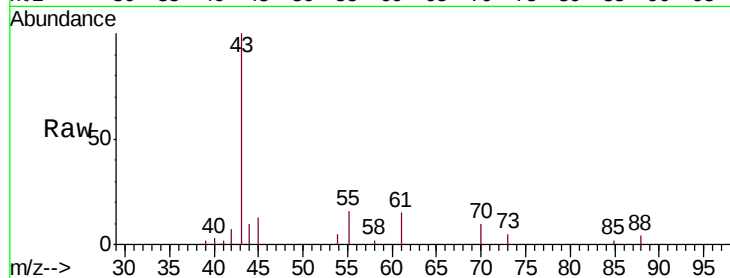
VSTDIC005

Tgt Ion: 43 Resp: 8923

Ion Ratio Lower Upper

43 100

45 16.7 11.0 16.4#



#44

Isopropyl Acetate

Concen: 5.118 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003713.D

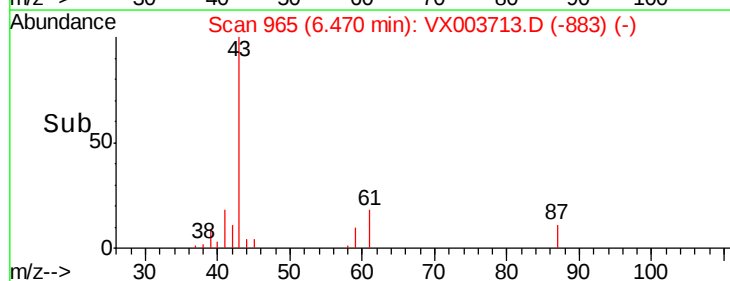
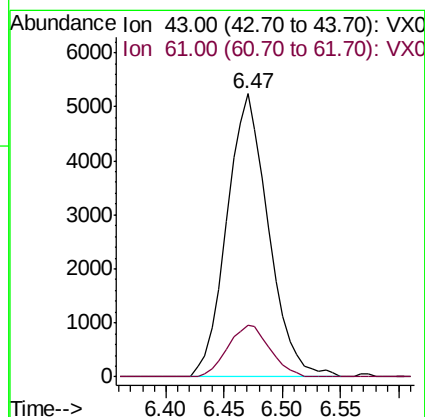
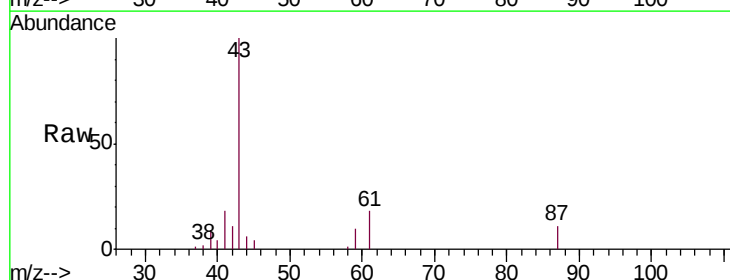
Acq: 27 Jul 2018 13:31

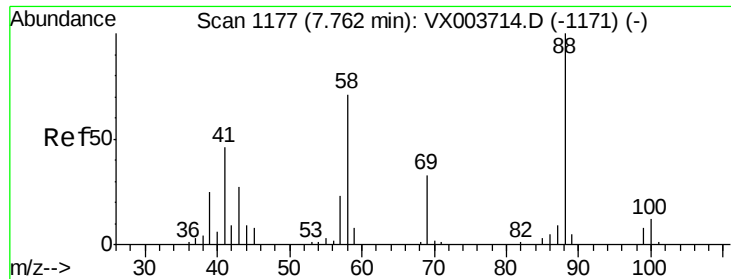
Tgt Ion: 43 Resp: 13017

Ion Ratio Lower Upper

43 100

61 18.3 14.5 21.7

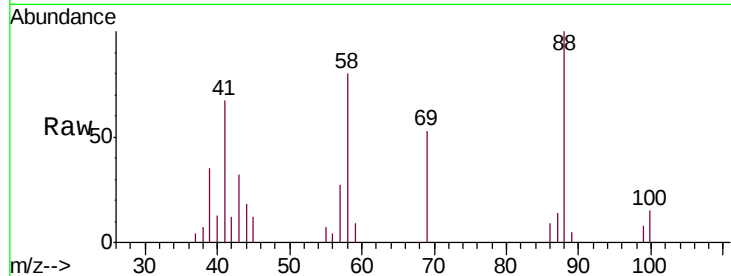




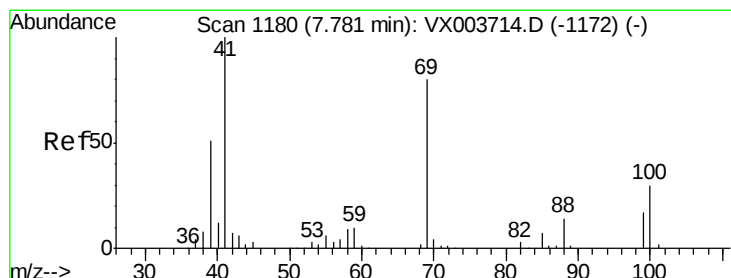
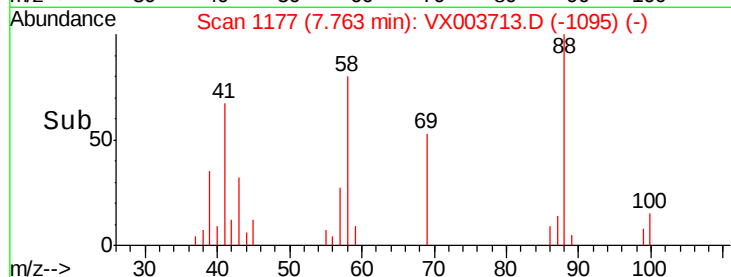
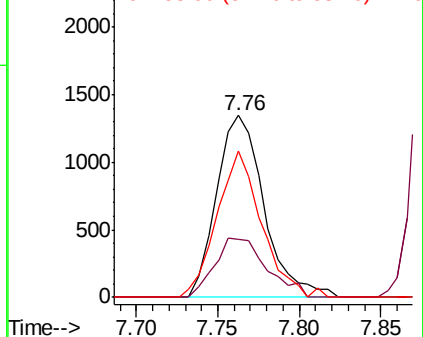
#45
 1,4-Dioxane
 Concen: 96.927 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 88 Resp: 2738
 Ion Ratio Lower Upper
 88 100
 43 35.5 43.2 64.8#
 58 74.7 60.2 90.2

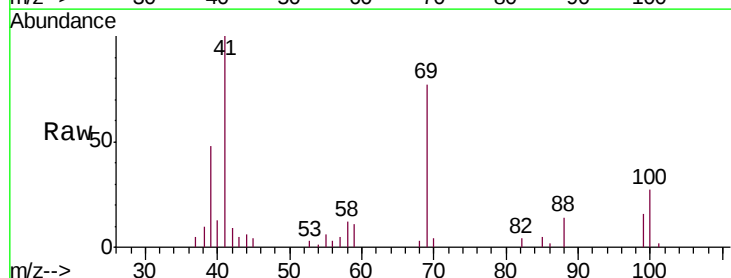


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

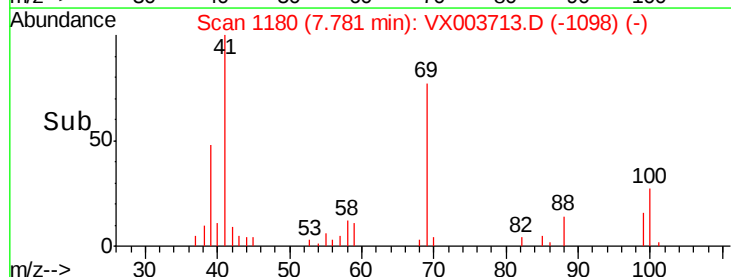
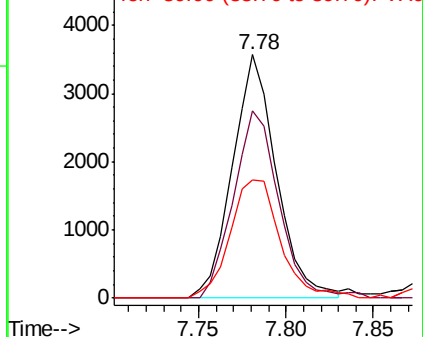


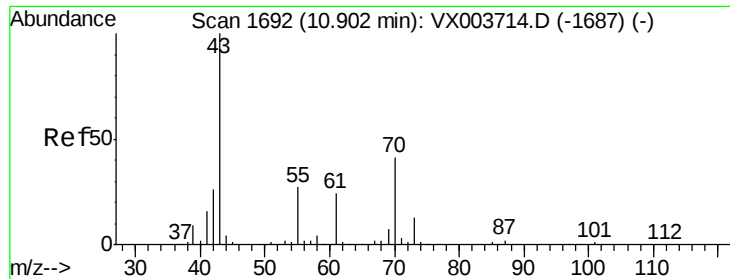
#46
 Methyl methacrylate
 Concen: 4.768 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion: 41 Resp: 6257
 Ion Ratio Lower Upper
 41 100
 69 76.9 37.0 110.9
 39 48.4 29.6 88.9



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

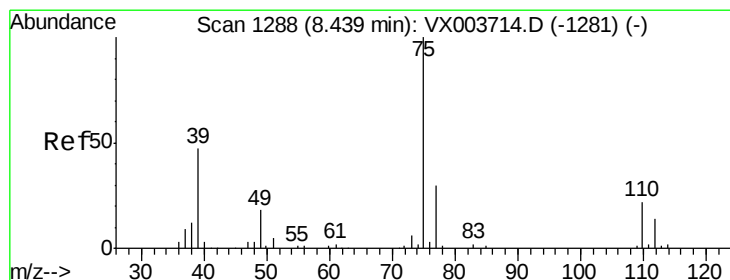
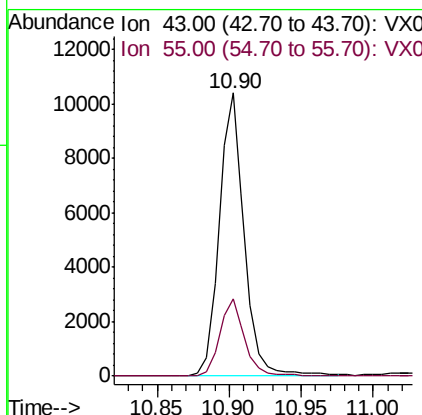
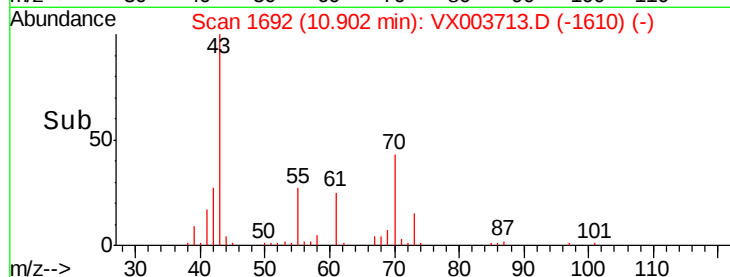
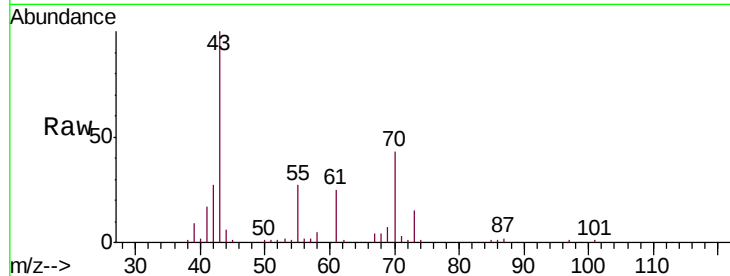




#47
n-amy1 Acetate
Concen: 5.252 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

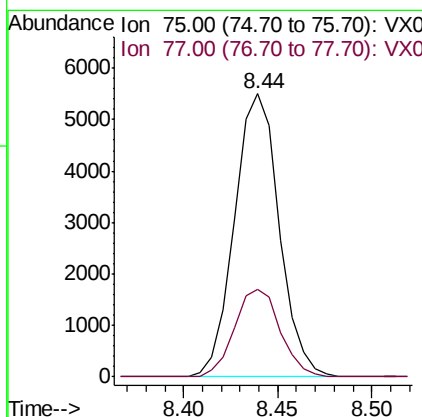
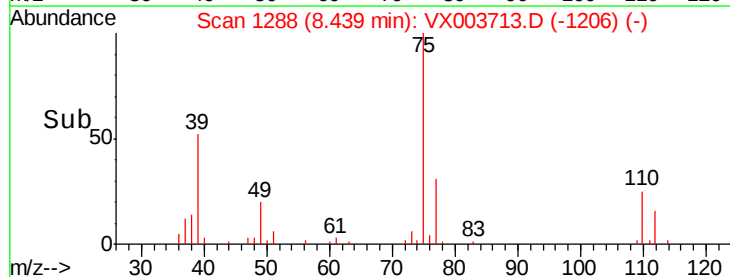
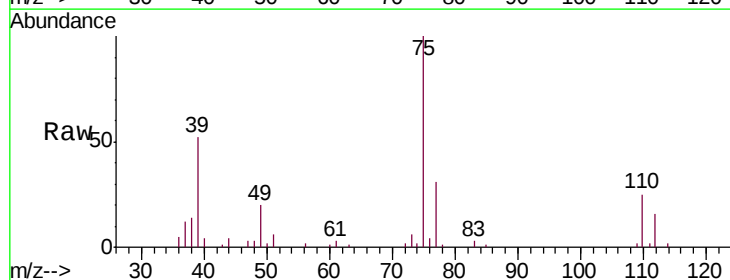
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

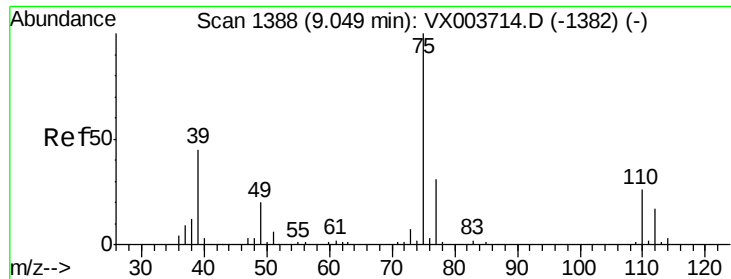
Tgt Ion: 43 Resp: 12612
Ion Ratio Lower Upper
43 100
55 26.7 0.1 0.1#



#48
t-1,3-Dichloropropene
Concen: 5.344 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion: 75 Resp: 9050
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

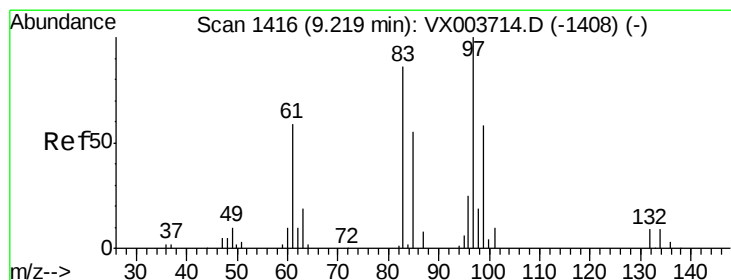
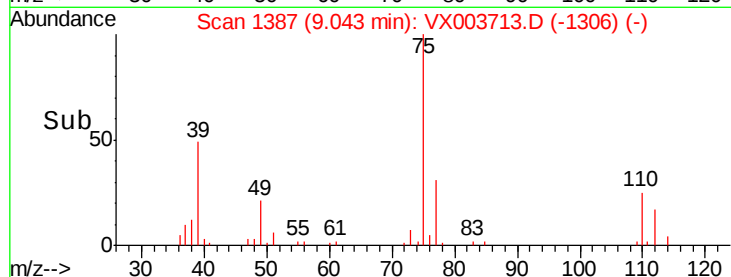
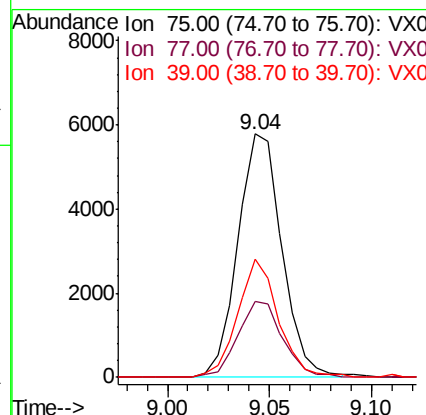
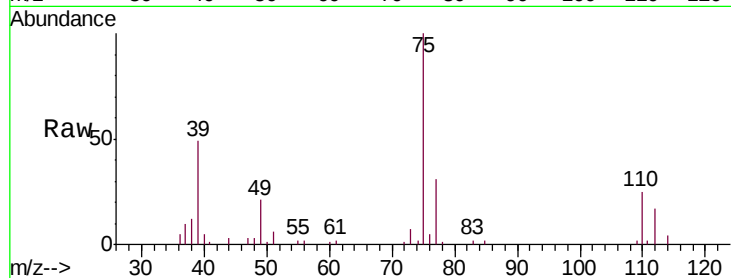




#49
 cis-1,3-Dichloropropene
 Concen: 5.452 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

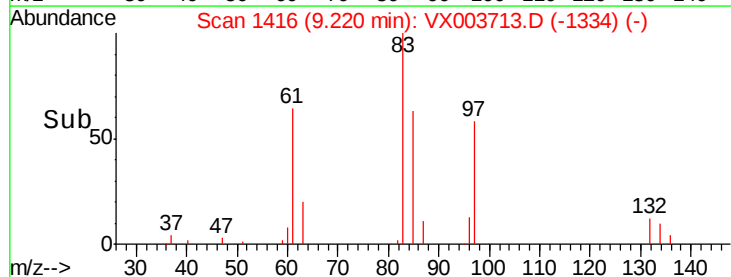
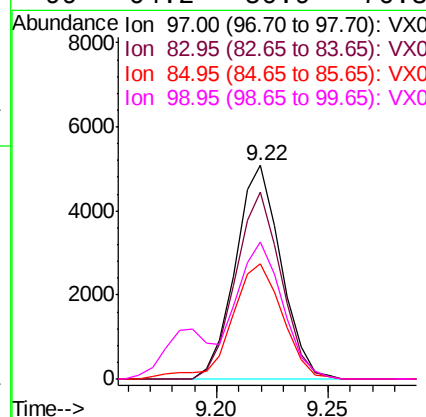
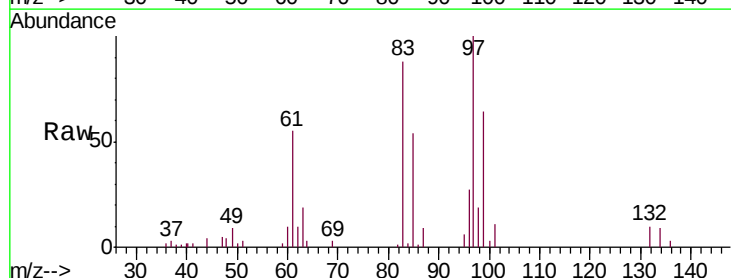
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

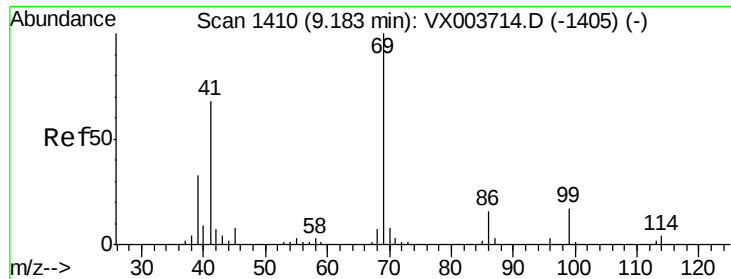
Tgt Ion: 75 Resp: 8663
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2
 39 48.6 42.3 63.5



#50
 1,1,2-Trichloroethane
 Concen: 6.257 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion: 97 Resp: 7256
 Ion Ratio Lower Upper
 97 100
 83 87.8 70.8 106.2
 85 53.8 43.5 65.3
 99 64.2 50.9 76.3

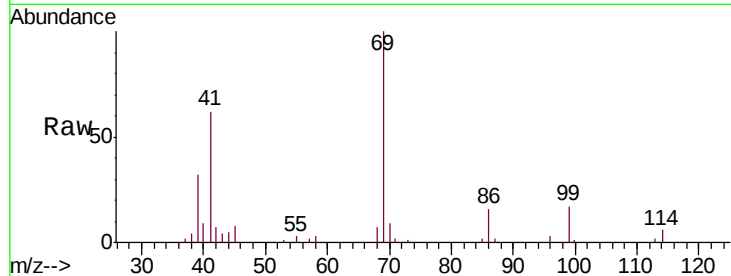




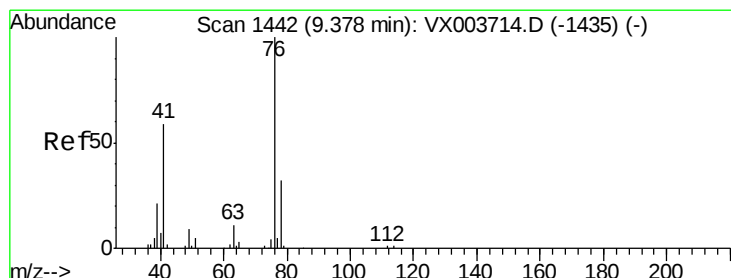
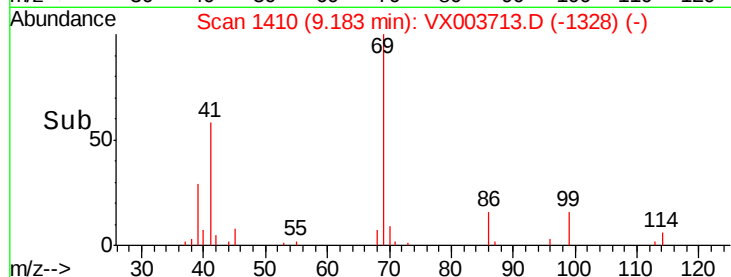
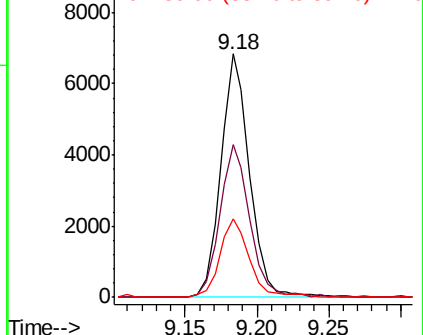
#51
Ethyl methacrylate
Concen: 5.470 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 9550
Ion Ratio Lower Upper
69 100
41 62.5 39.1 117.3
39 32.2 21.7 65.1

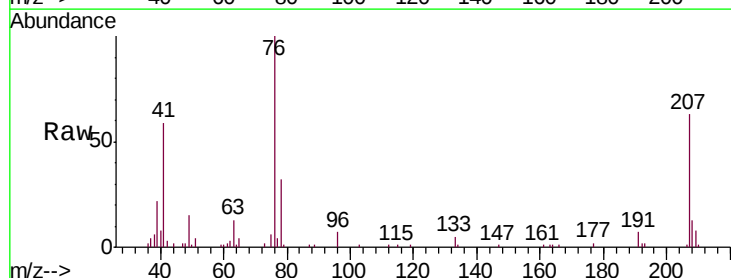


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

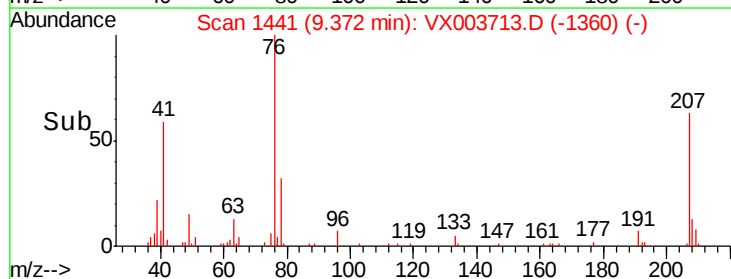
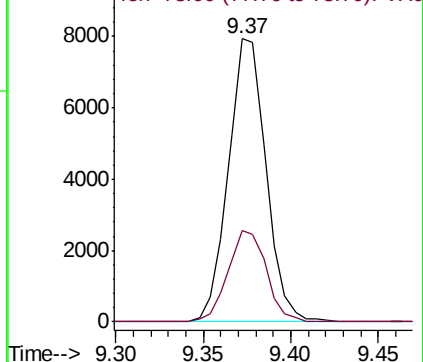


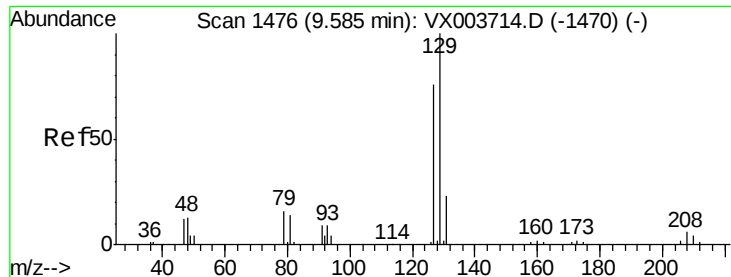
#52
1,3-Dichloropropane
Concen: 6.157 ug/l
RT: 9.37 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion: 76 Resp: 11882
Ion Ratio Lower Upper
76 100
78 32.5 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

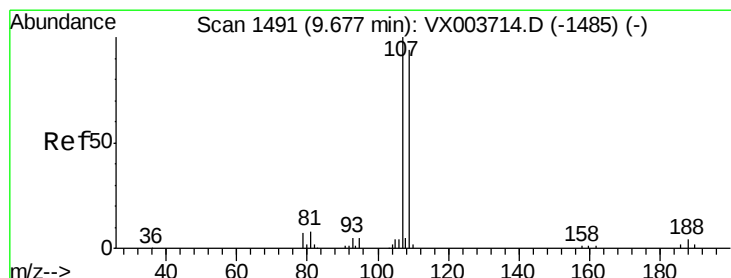
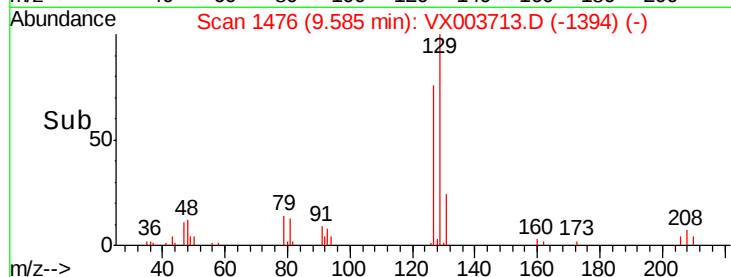
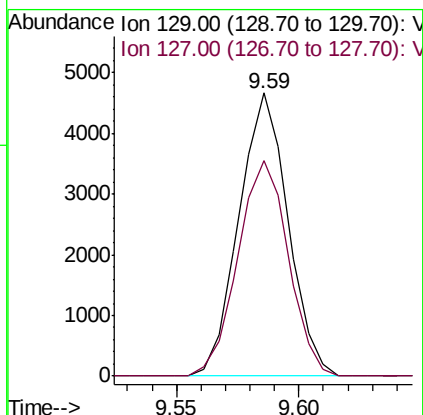
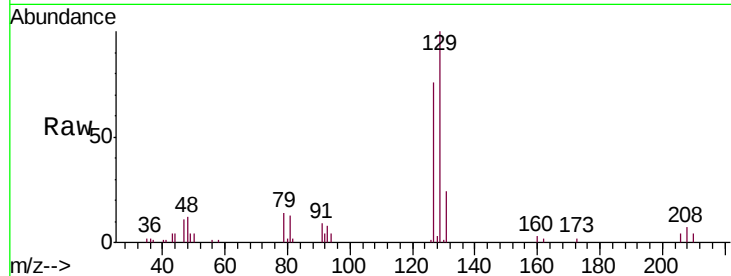




#53
Dibromochloromethane
Concen: 5.703 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

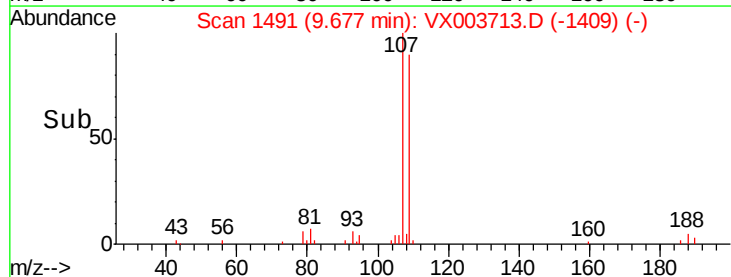
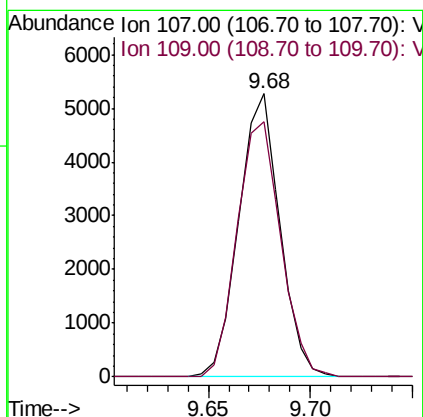
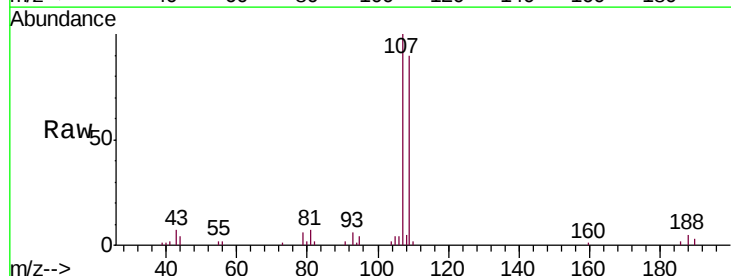
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

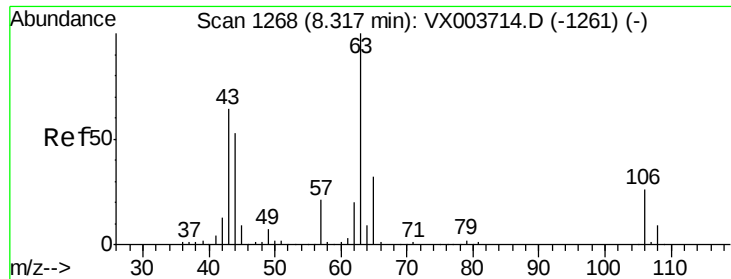
Tgt Ion:129 Resp: 6496
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.3



#54
1,2-Dibromoethane
Concen: 6.071 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion:107 Resp: 7362
Ion Ratio Lower Upper
107 100
109 96.1 75.5 113.3

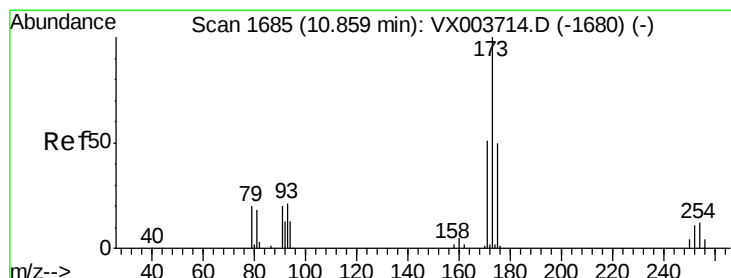
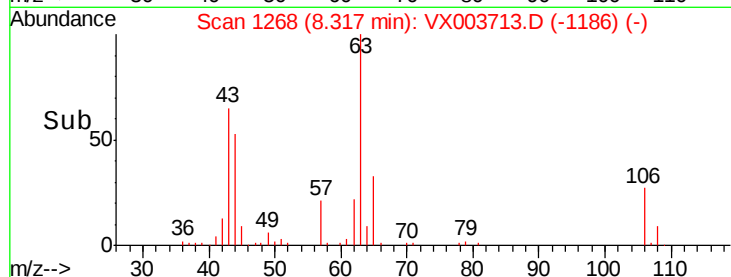
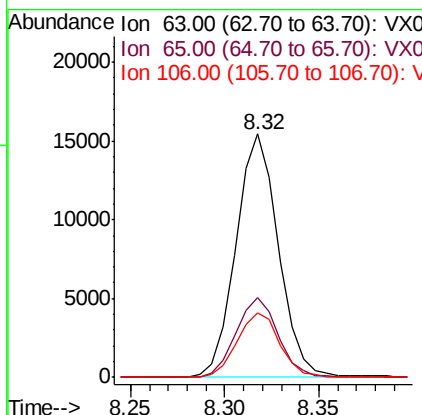
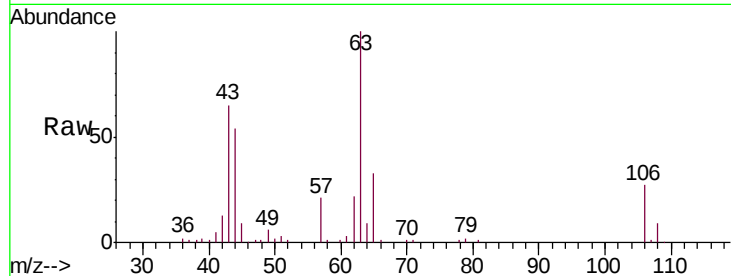




#55
2-Chloroethyl vinyl ether
Concen: 26.733 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

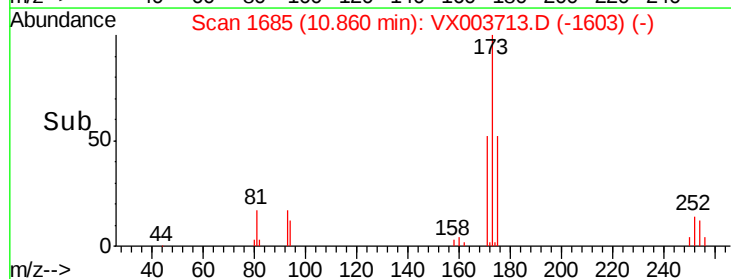
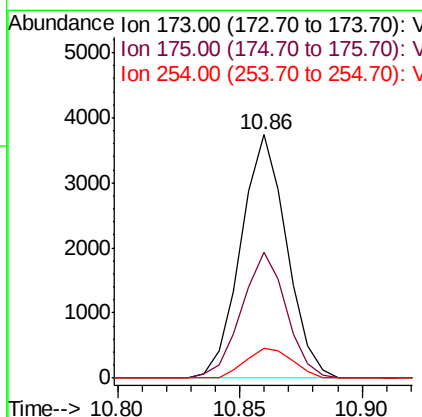
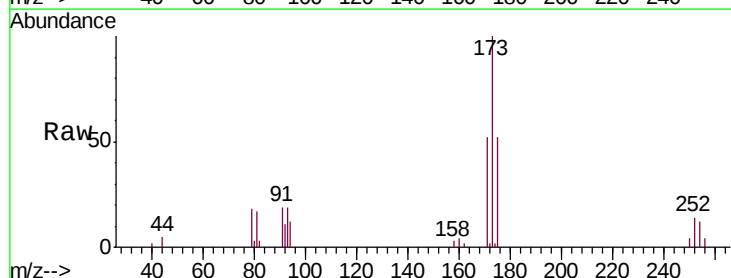
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

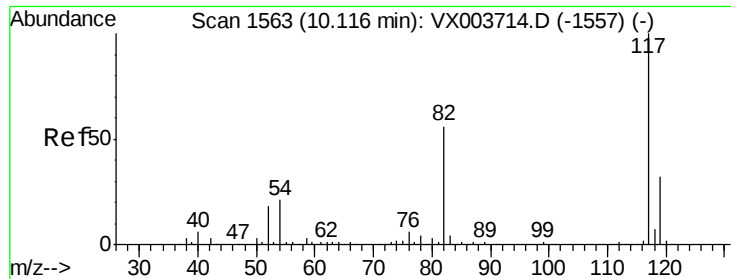
Tgt Ion: 63 Resp: 24075
Ion Ratio Lower Upper
63 100
65 32.7 25.6 38.4
106 26.5 21.6 32.4



#56
Bromoform
Concen: 5.527 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion: 173 Resp: 4885
Ion Ratio Lower Upper
173 100
175 50.4 39.0 58.4
254 12.5 9.6 14.4

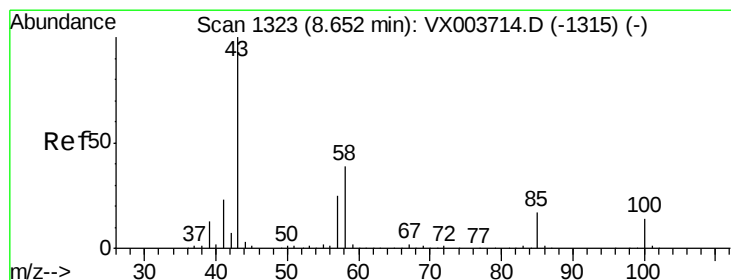
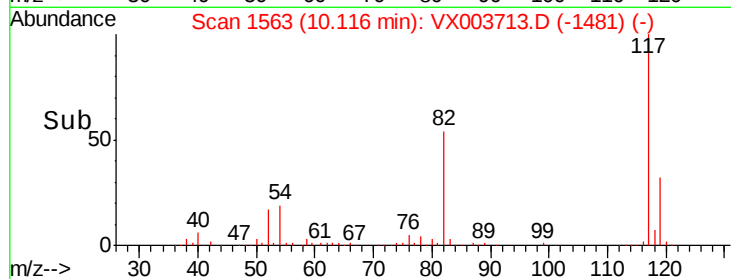
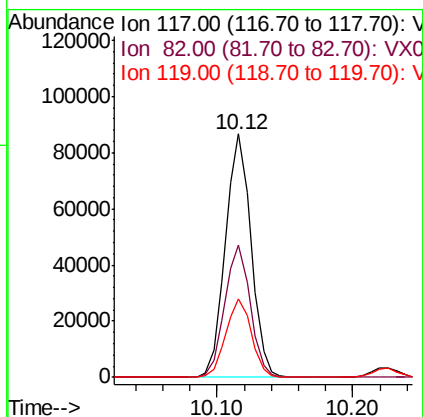
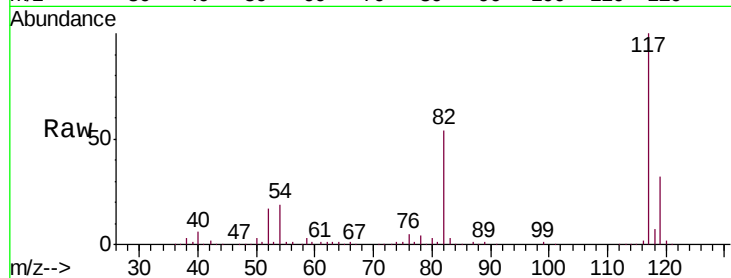




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

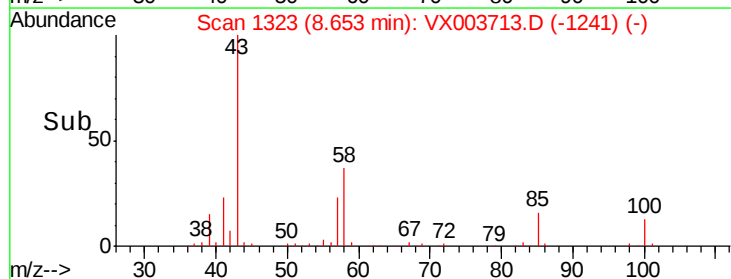
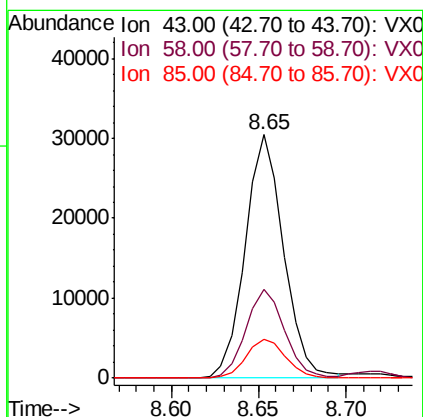
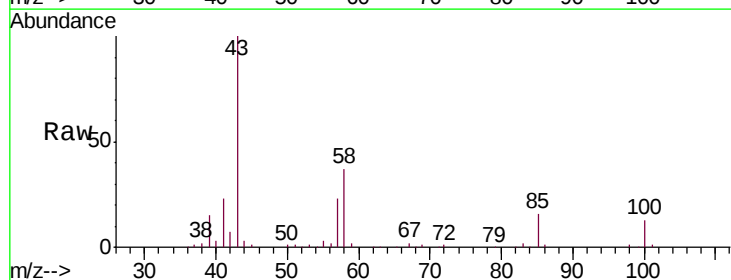
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

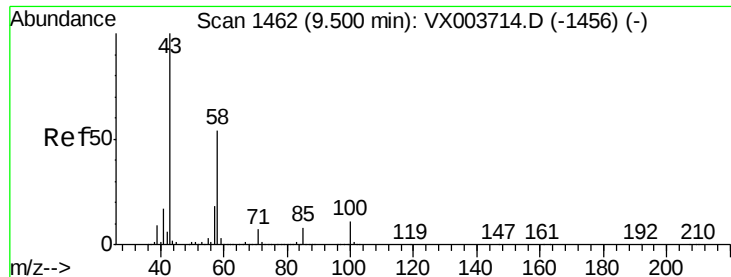
Tgt Ion: 117 Resp: 113317
Ion Ratio Lower Upper
117 100
82 53.9 44.3 66.5
119 32.1 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 21.741 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion: 43 Resp: 46518
Ion Ratio Lower Upper
43 100
58 36.6 28.2 42.4
85 16.6 12.4 18.6

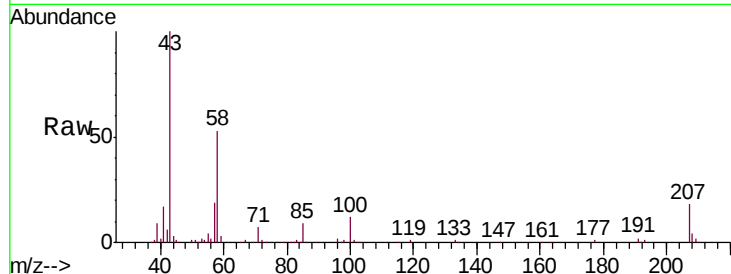




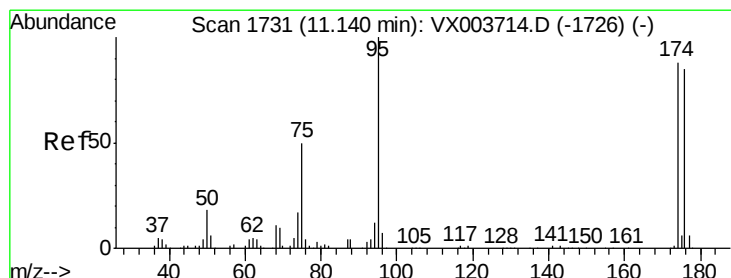
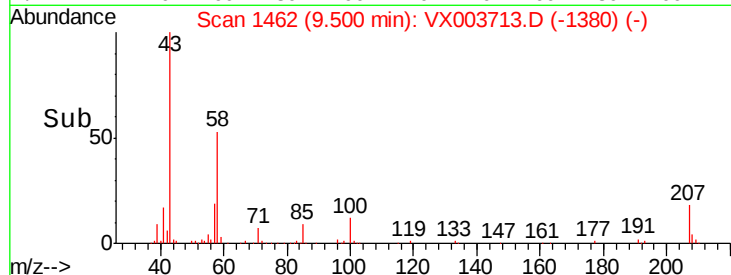
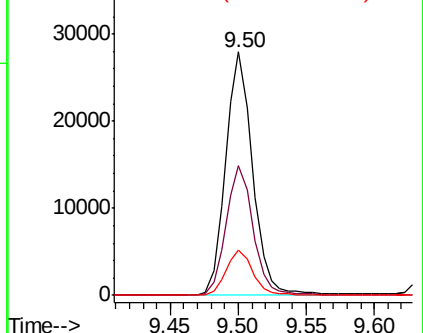
#59
2-Hexanone
Concen: 22.707 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 38685
Ion Ratio Lower Upper
43 100
58 53.4 39.6 59.4
57 18.5 14.1 21.1

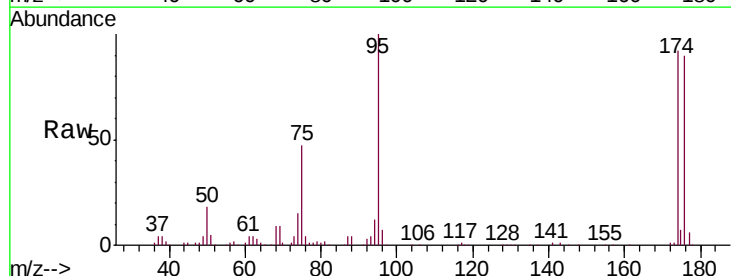


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

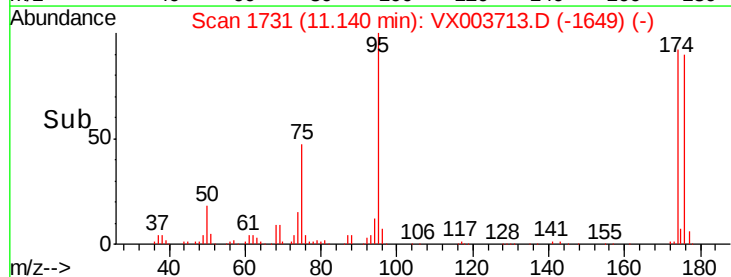
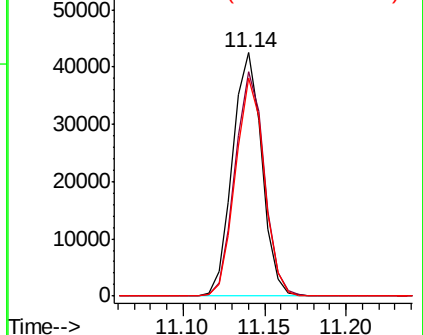


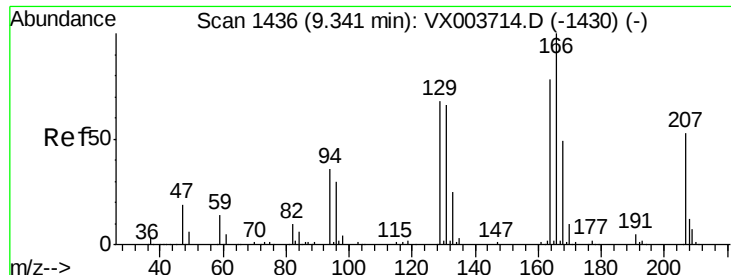
#60
4-Bromofluorobenzene
Concen: 29.100 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion: 95 Resp: 53096
Ion Ratio Lower Upper
95 100
174 92.1 71.8 107.6
176 88.6 70.1 105.1



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 5.630 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 164 Resp: 7425

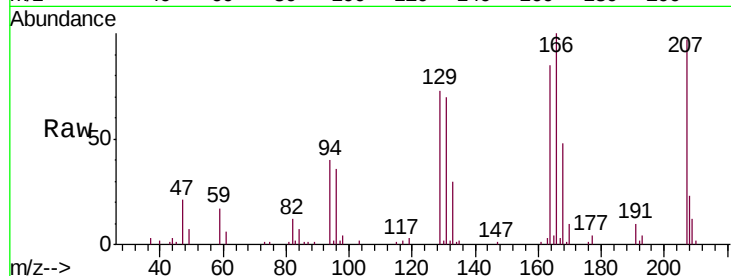
Ion Ratio Lower Upper

164 100

166 117.0 102.4 153.6

129 85.4 70.1 105.1

131 81.6 69.1 103.7

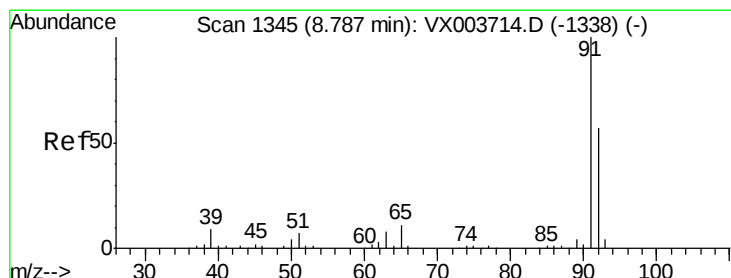
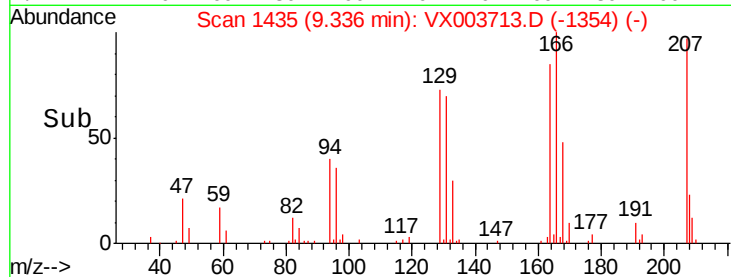
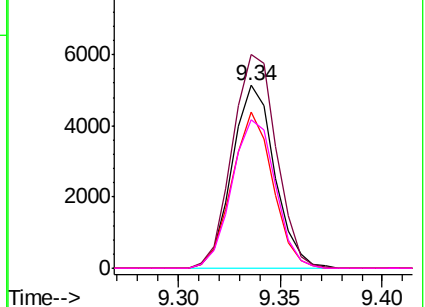


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 5.239 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003713.D

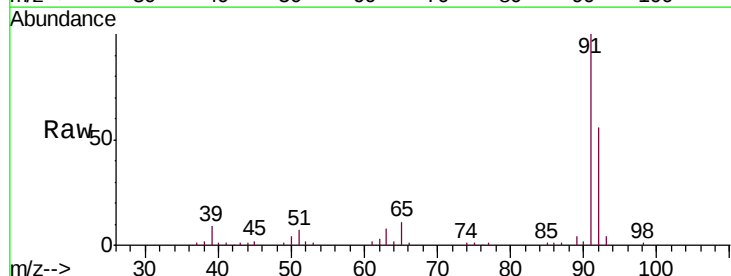
Acq: 27 Jul 2018 13:31

Tgt Ion: 91 Resp: 30812

Ion Ratio Lower Upper

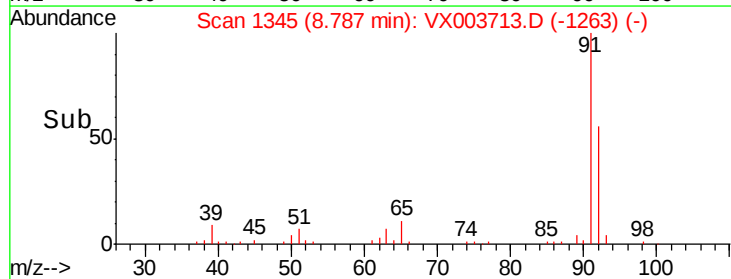
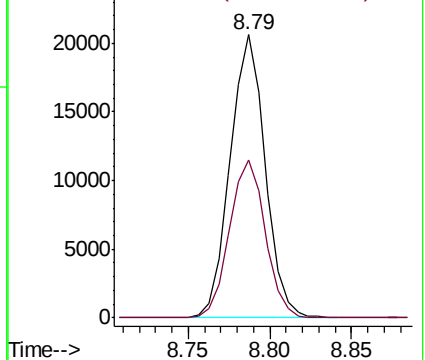
91 100

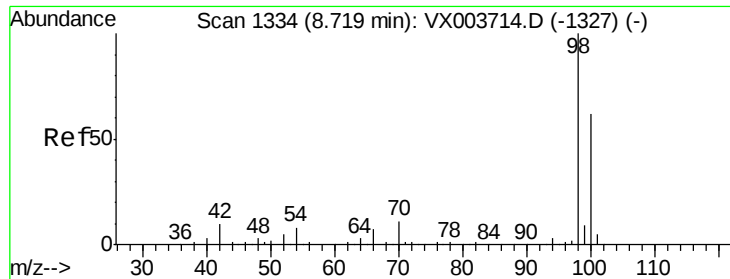
92 57.0 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.047 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampled :

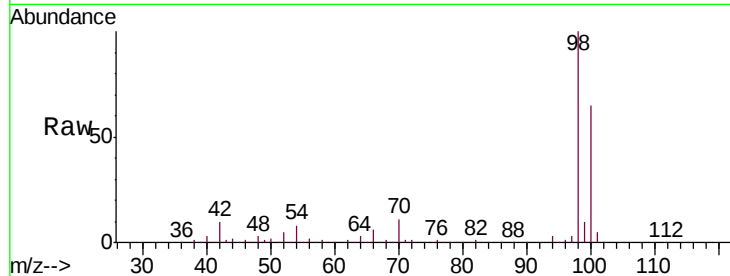
VSTDIC005

Tgt Ion: 98 Resp: 153388

Ion Ratio Lower Upper

98 100

100 64.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX003713.D (-1252) (-)

Ion 100.00 (99.70 to 100.70): VX003713.D (-1252) (-)

8.72

100000

80000

60000

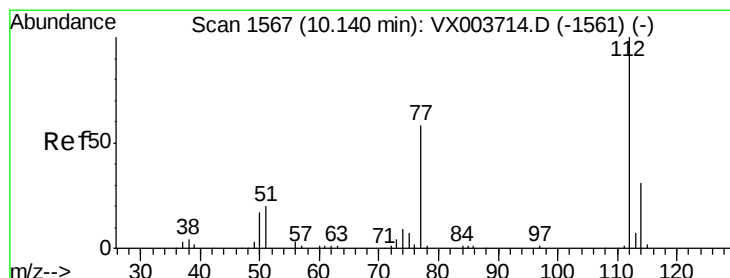
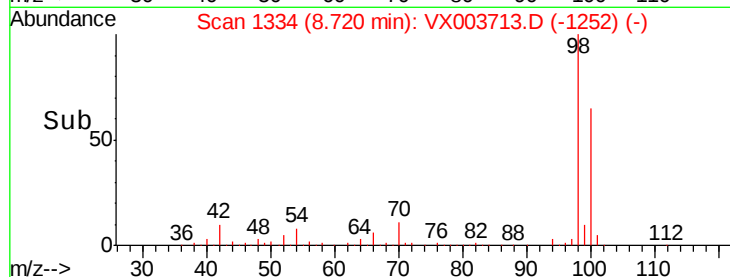
40000

20000

0

8.65 8.70 8.75 8.80 8.85

Time-->



#64

Chlorobenzene

Concen: 5.279 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003713.D

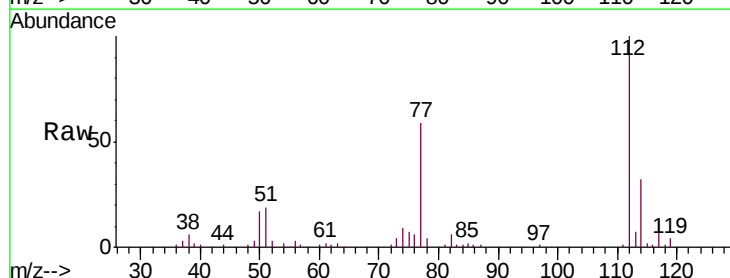
Acq: 27 Jul 2018 13:31

Tgt Ion: 112 Resp: 20065

Ion Ratio Lower Upper

112 100

114 31.8 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): VX003713.D (-1485) (-)

Ion 114.00 (113.70 to 114.70): VX003713.D (-1485) (-)

10.14

15000

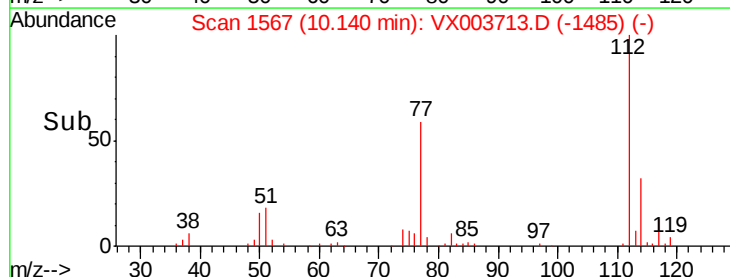
10000

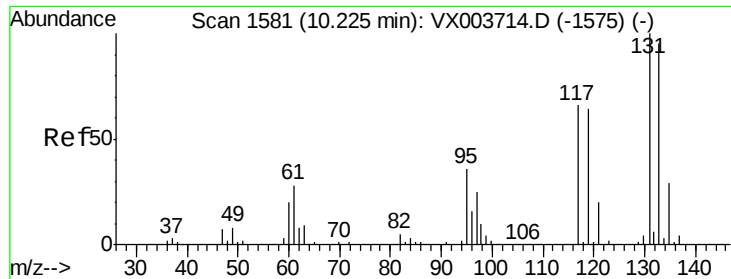
5000

0

10.10 10.15 10.20

Time-->

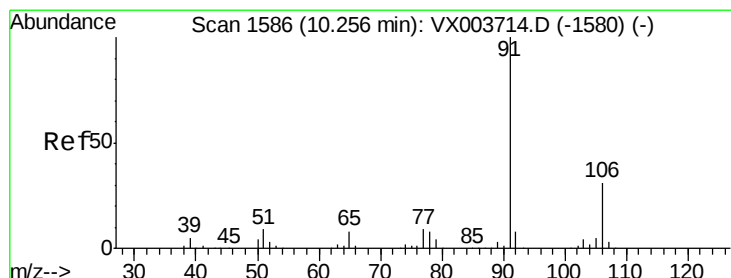
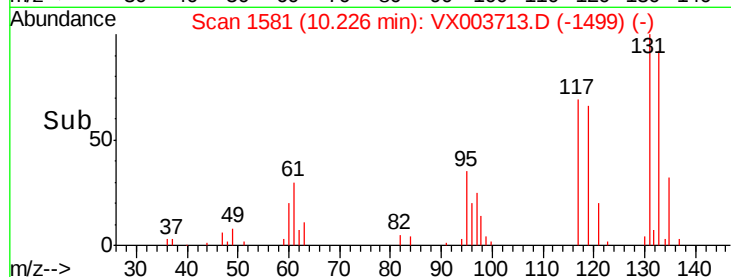
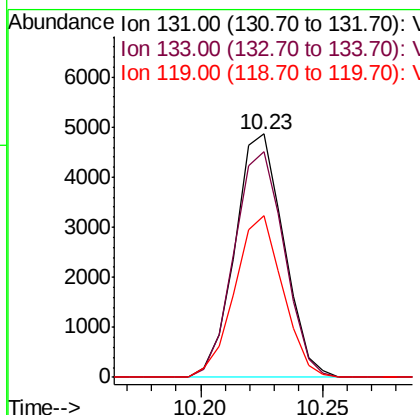
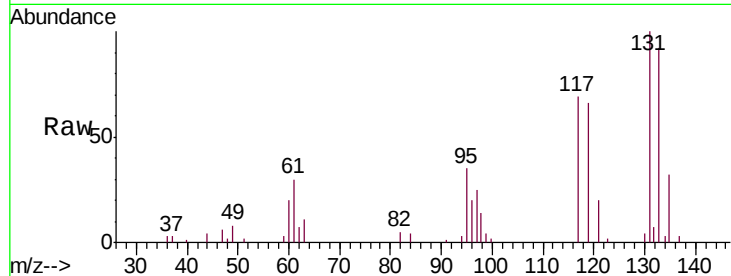




#65
 1,1,1,2-Tetrachloroethane
 Concen: 5.009 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

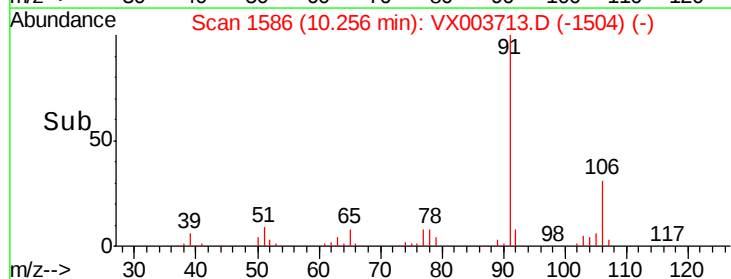
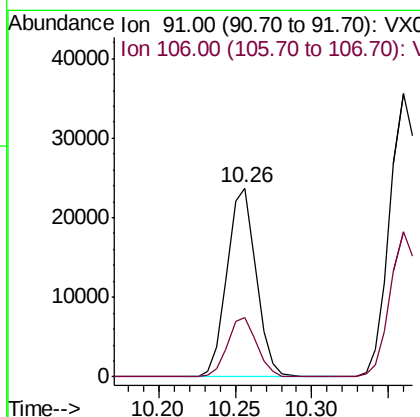
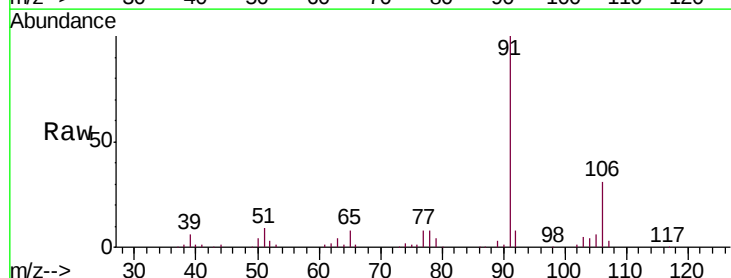
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

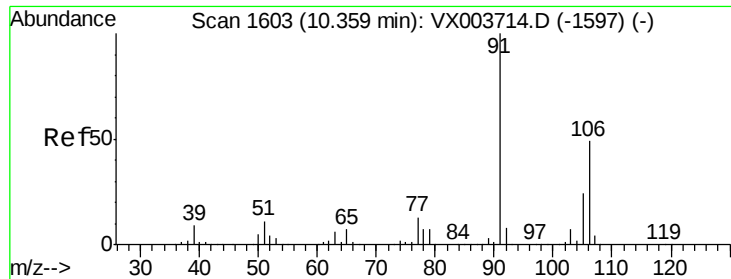
Tgt Ion: 131 Resp: 6736
 Ion Ratio Lower Upper
 131 100
 133 94.8 0.0 191.2
 119 65.4 0.0 125.4



#66
 Ethyl Benzene
 Concen: 4.848 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion: 91 Resp: 31380
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.2 37.8

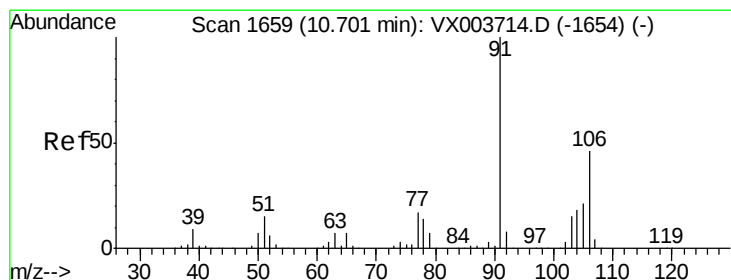
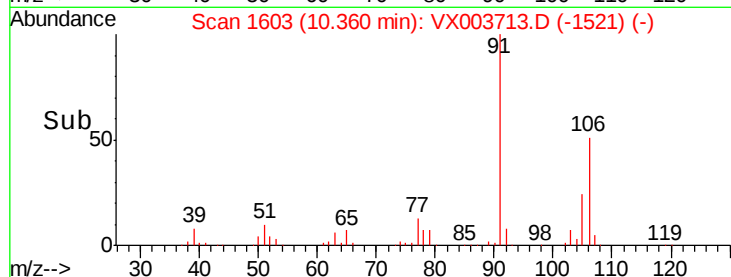
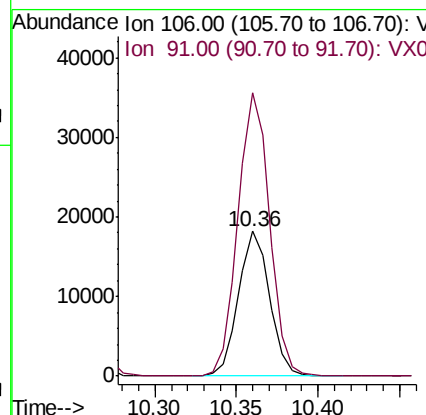
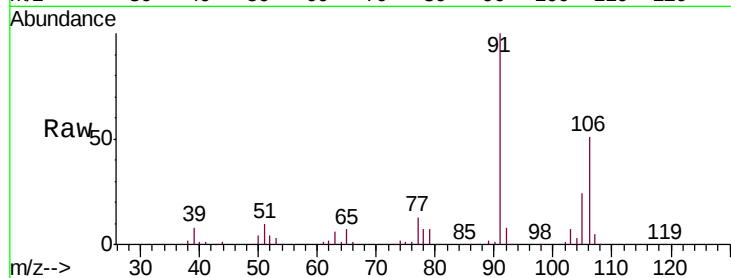




#67
m/p-Xylenes
Concen: 9.734 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

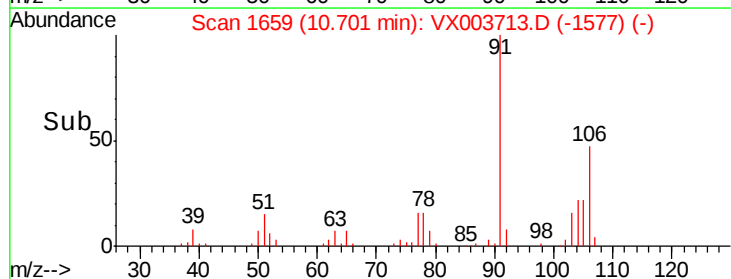
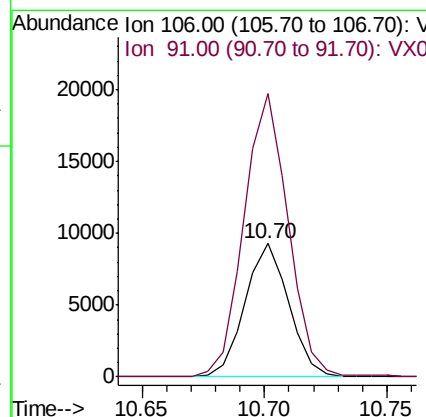
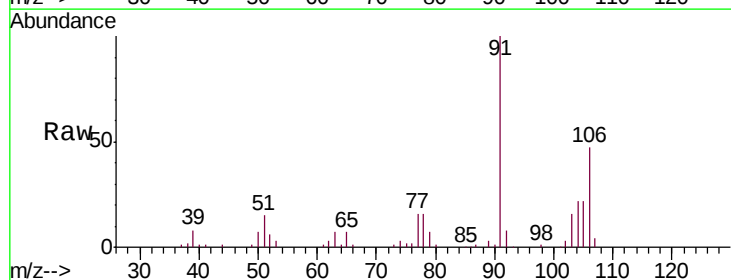
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

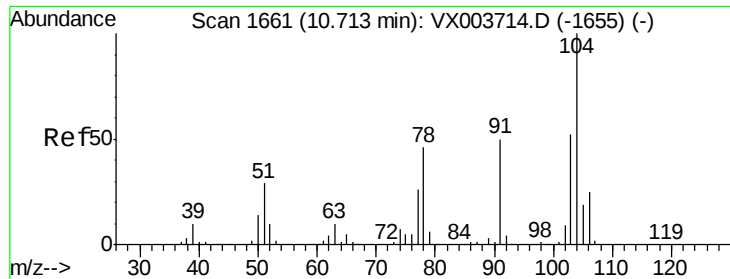
Tgt Ion:106 Resp: 24265
Ion Ratio Lower Upper
106 100
91 198.8 164.1 246.1



#68
o-Xylene
Concen: 4.864 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion:106 Resp: 11601
Ion Ratio Lower Upper
106 100
91 214.5 109.1 327.3

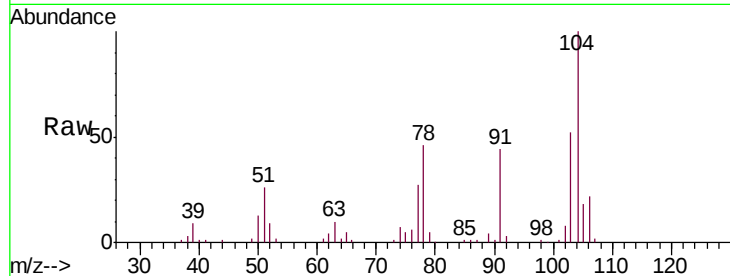




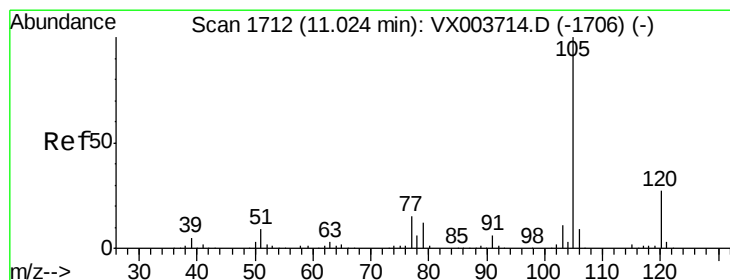
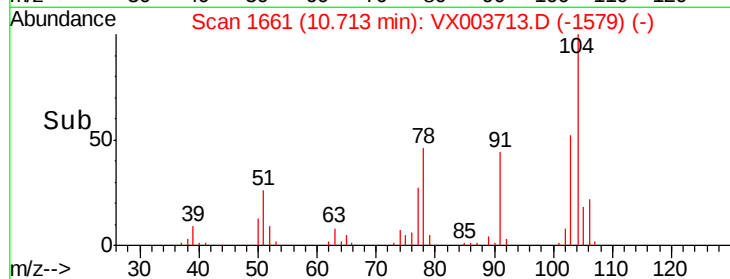
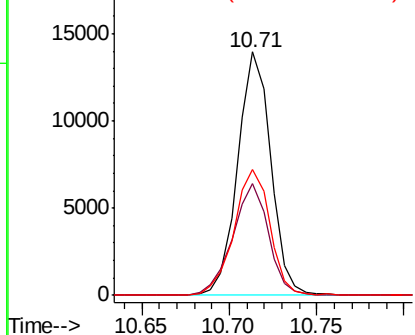
#69
Styrene
Concen: 4.576 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 18479
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 56.2 44.9 67.3

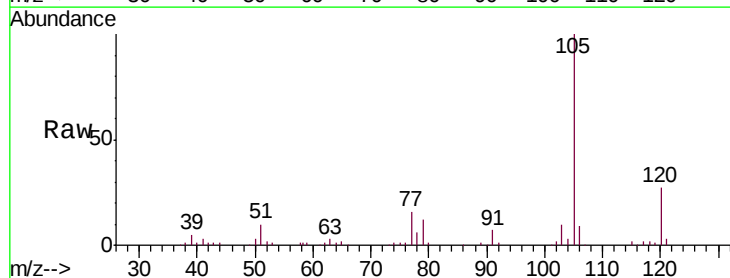


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

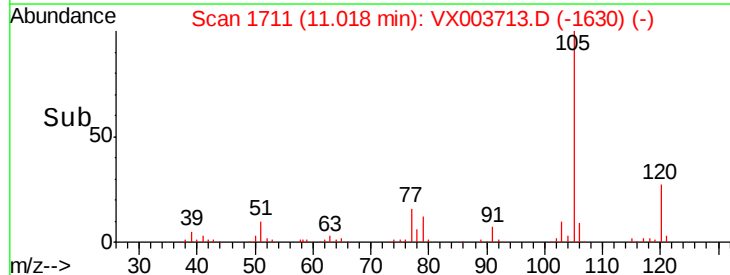
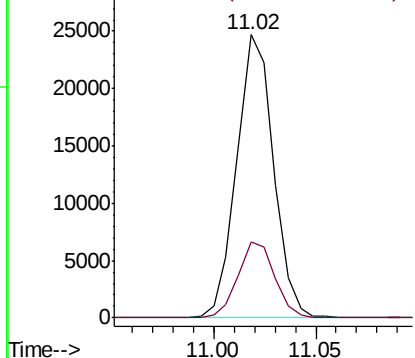


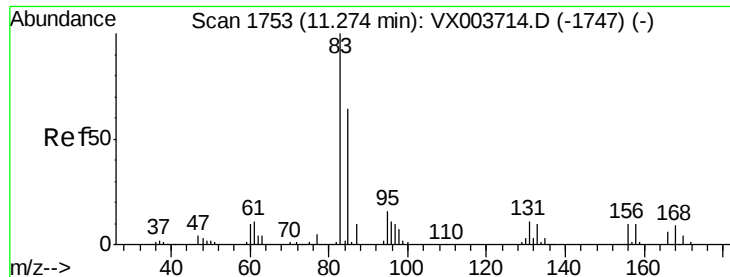
#70
Isopropylbenzene
Concen: 4.709 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion:105 Resp: 30922
Ion Ratio Lower Upper
105 100
120 26.8 19.0 35.2



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

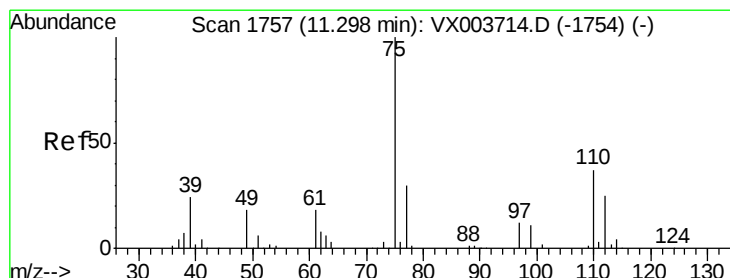
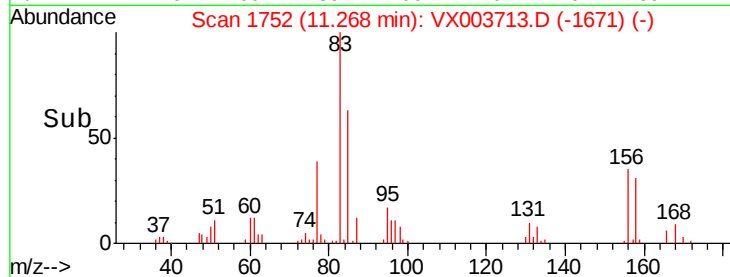
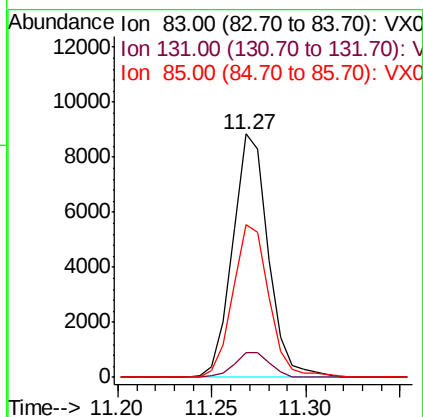
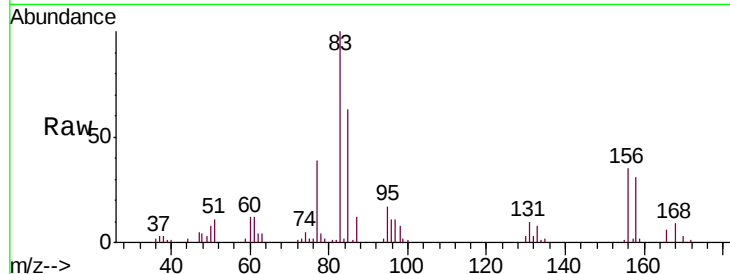




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.957 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

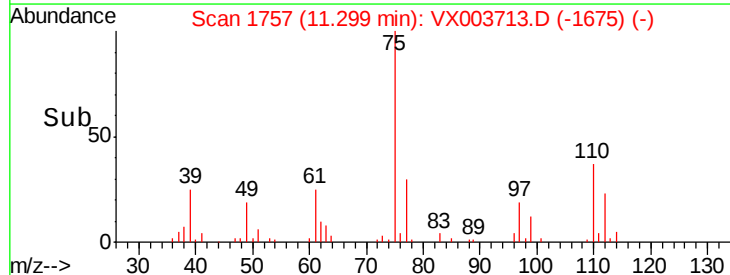
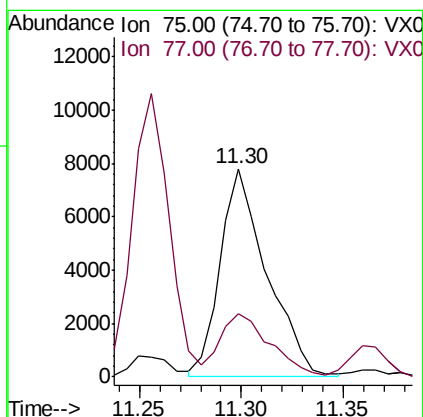
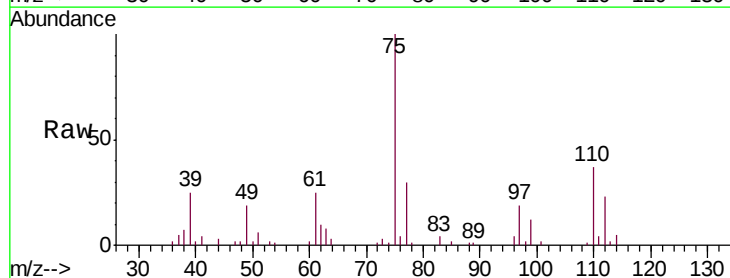
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

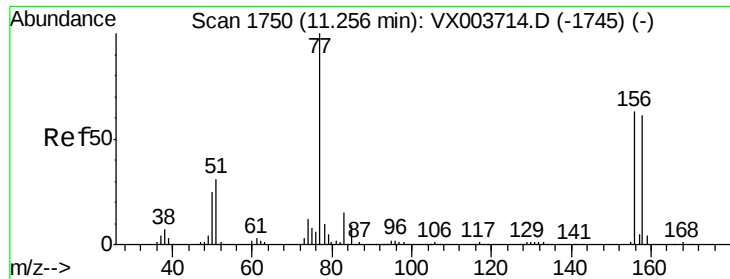
Tgt Ion: 83 Resp: 11619
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.4 16.2
 85 63.8 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 6.345 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion: 75 Resp: 12373
 Ion Ratio Lower Upper
 75 100
 77 32.6 0.0 71.8





#73

Bromobenzene

Concen: 5.136 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

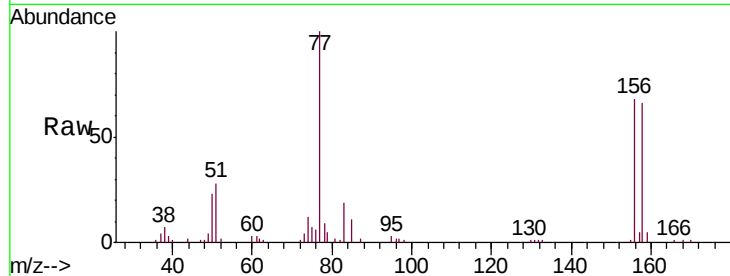
Tgt Ion:156 Resp: 9089

Ion Ratio Lower Upper

156 100

77 147.5 0.0 301.0

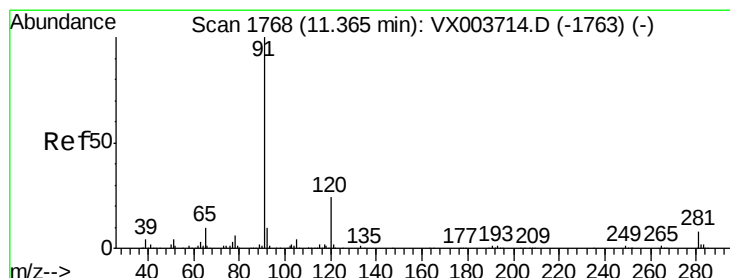
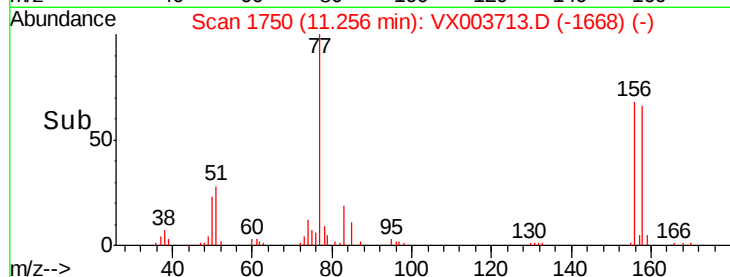
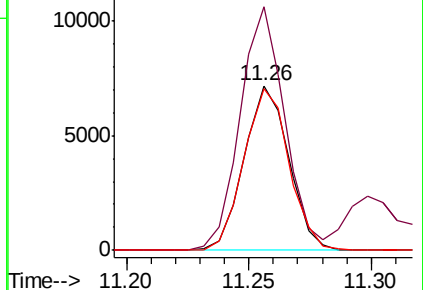
158 99.0 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 4.711 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003713.D

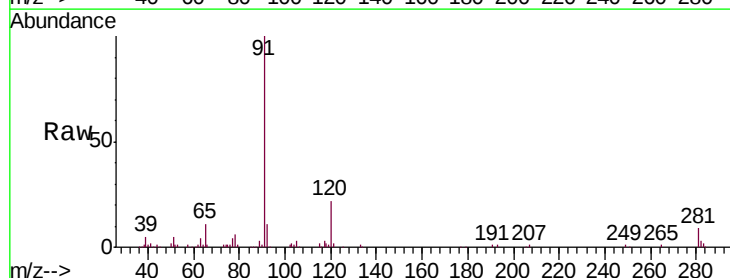
Acq: 27 Jul 2018 13:31

Tgt Ion: 91 Resp: 36436

Ion Ratio Lower Upper

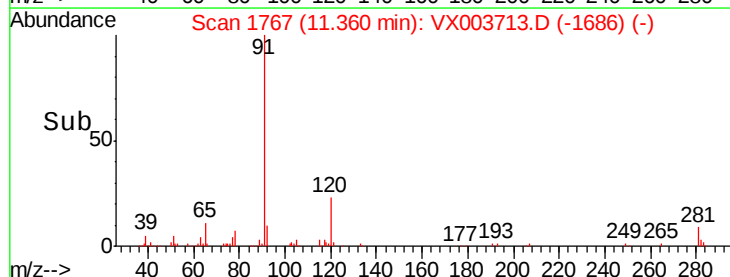
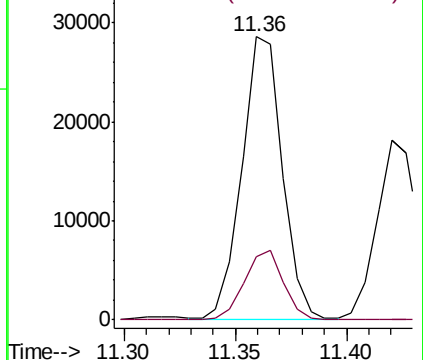
91 100

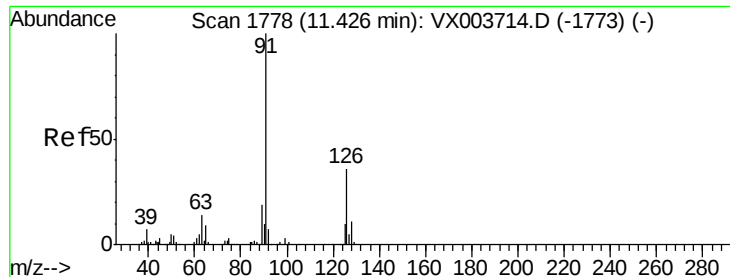
120 23.7 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 5.108 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

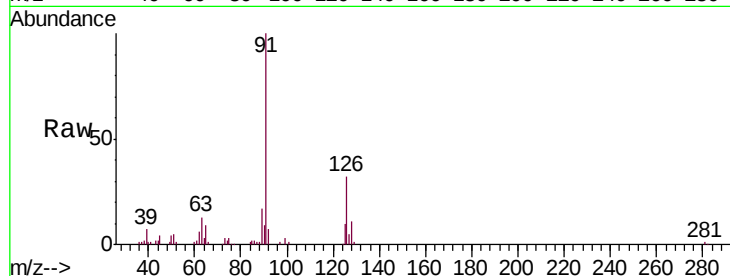
VSTDIC005

Tgt Ion: 91 Resp: 23286

Ion Ratio Lower Upper

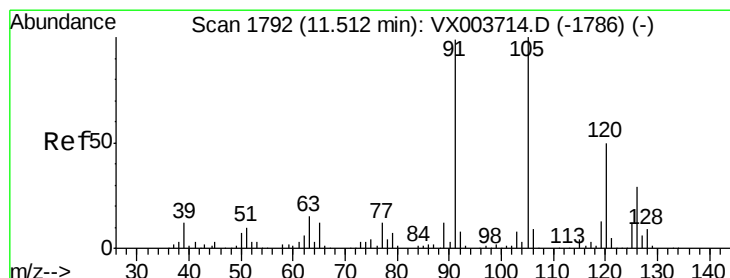
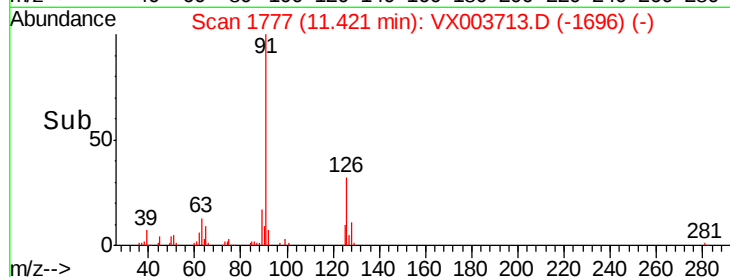
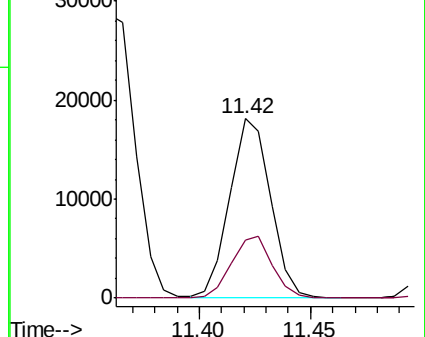
91 100

126 34.0 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX003714.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX003714.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 4.724 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003713.D

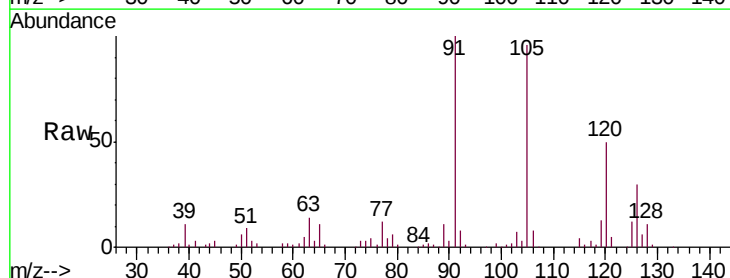
Acq: 27 Jul 2018 13:31

Tgt Ion: 105 Resp: 26321

Ion Ratio Lower Upper

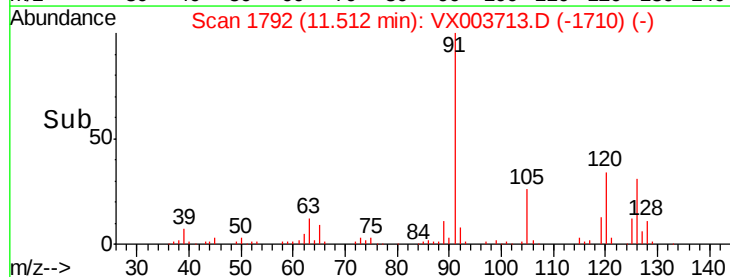
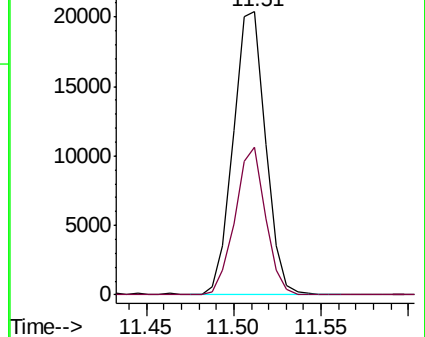
105 100

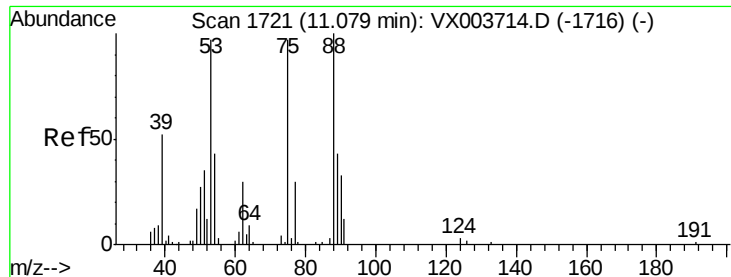
120 48.9 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX003714.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003714.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 4.070 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003713.D

Acq: 27 Jul 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

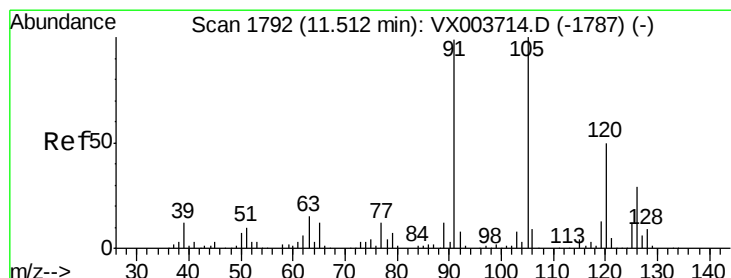
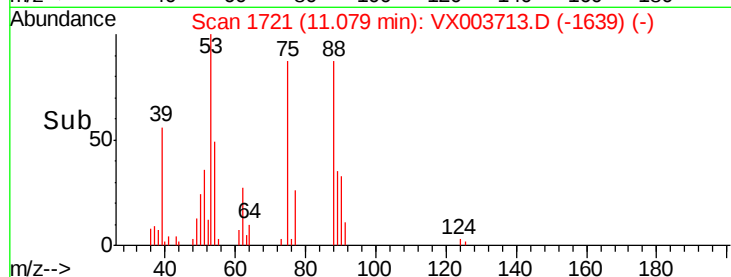
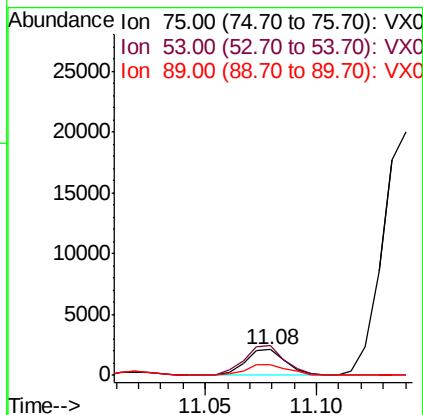
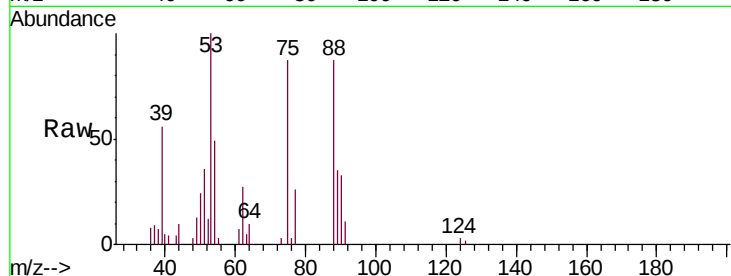
Tgt Ion: 75 Resp: 2704

Ion Ratio Lower Upper

75 100

53 114.4 48.3 144.9

89 39.6 21.8 65.4



#78

4-Chlorotoluene

Concen: 4.915 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003713.D

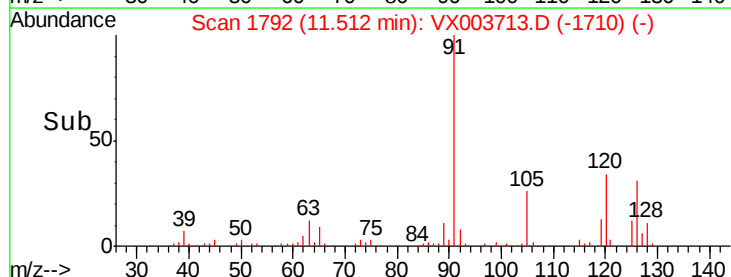
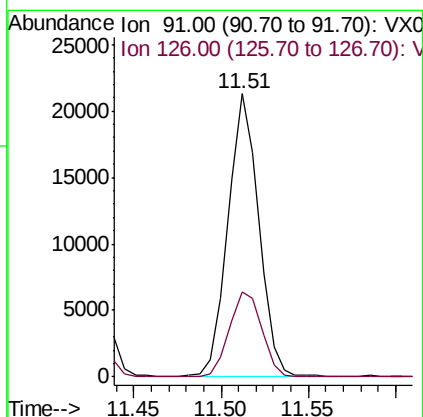
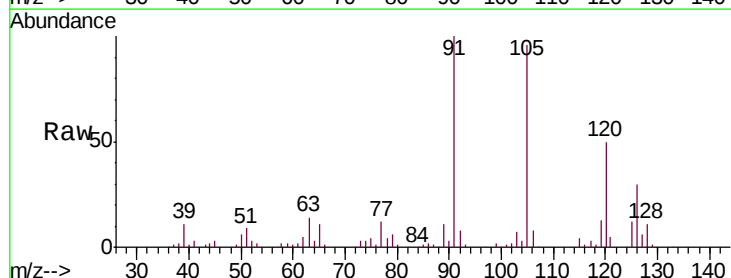
Acq: 27 Jul 2018 13:31

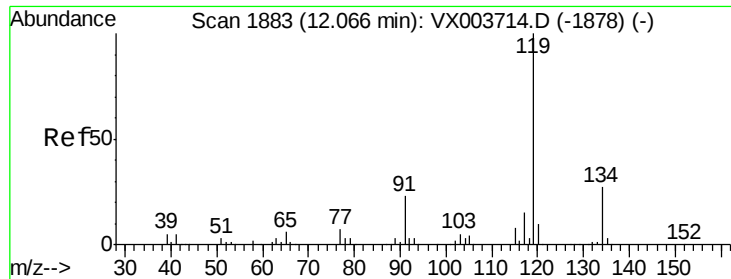
Tgt Ion: 91 Resp: 26217

Ion Ratio Lower Upper

91 100

126 31.4 0.0 61.0

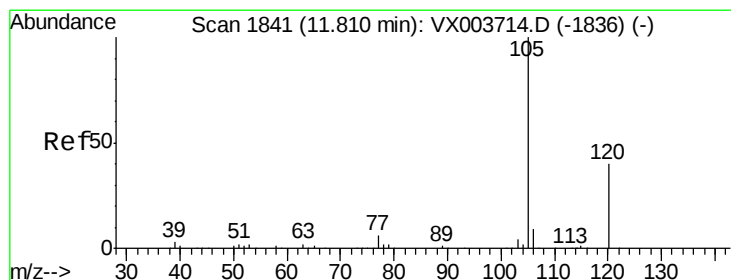
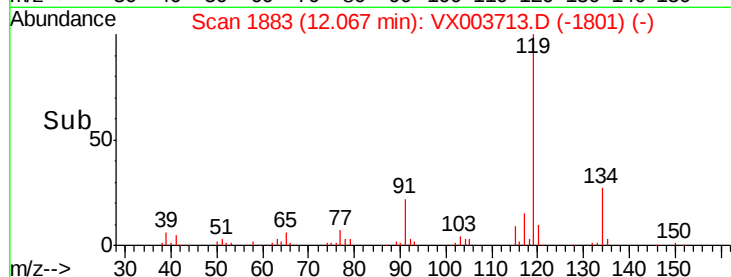
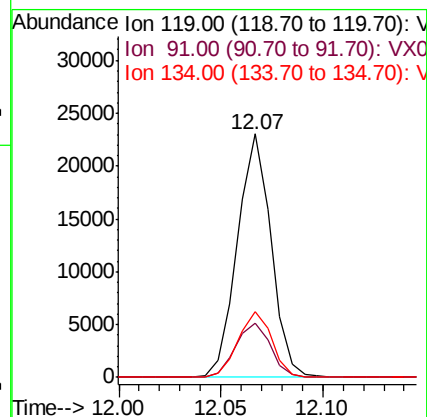
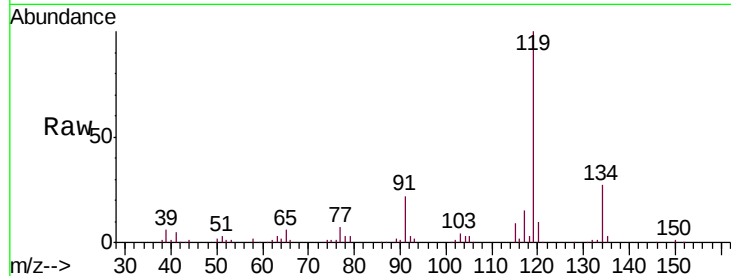




#79
tert-butylbenzene
Concen: 4.590 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

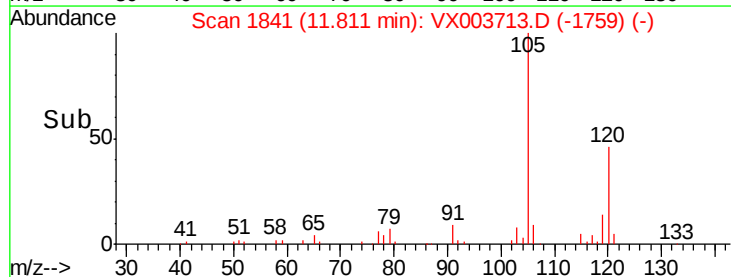
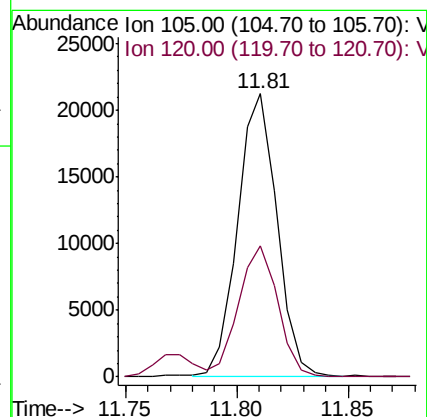
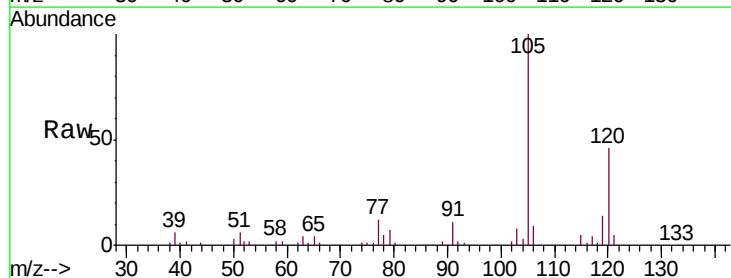
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

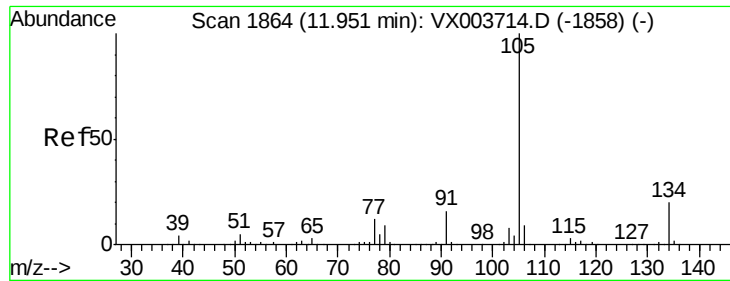
Tgt Ion:119 Resp: 26312
Ion Ratio Lower Upper
119 100
91 23.0 0.0 48.0
134 26.9 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 4.600 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion:105 Resp: 26227
Ion Ratio Lower Upper
105 100
120 46.2 0.0 89.2

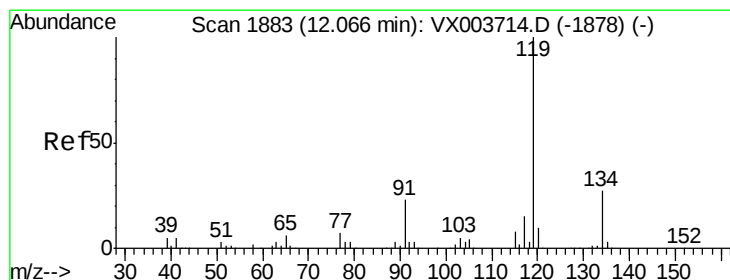
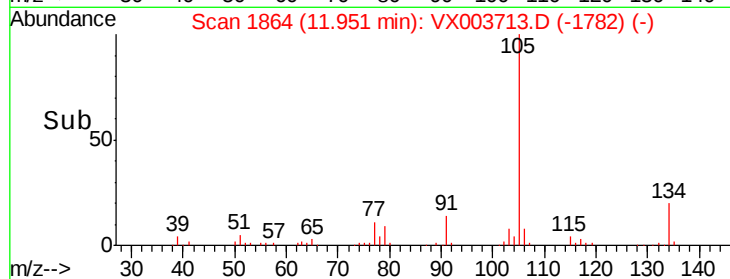
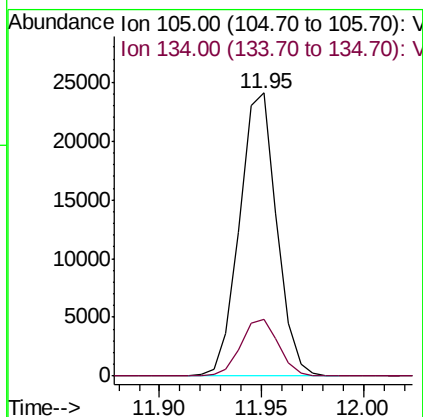
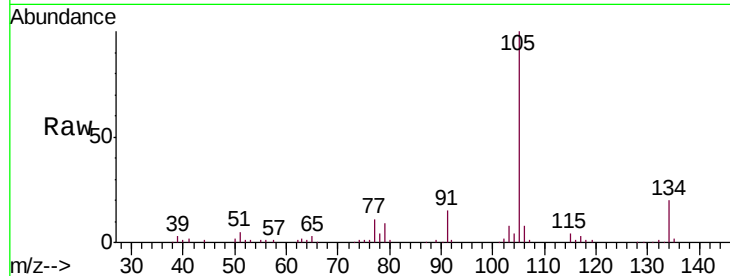




#81
 sec-Butylbenzene
 Concen: 4.700 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

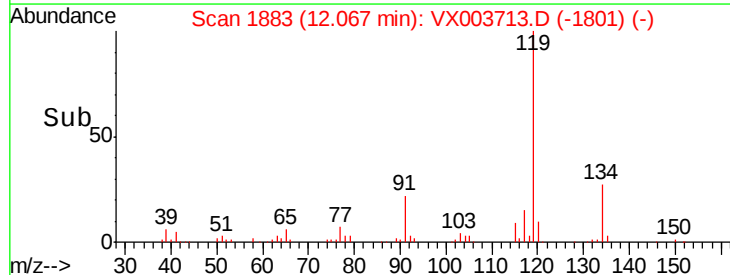
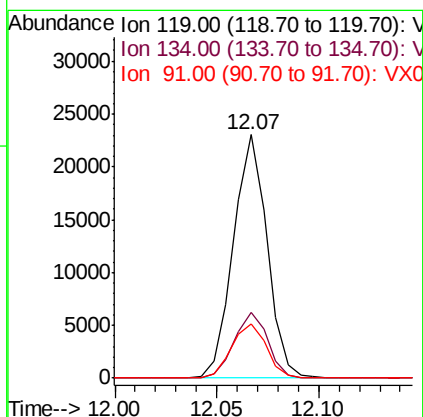
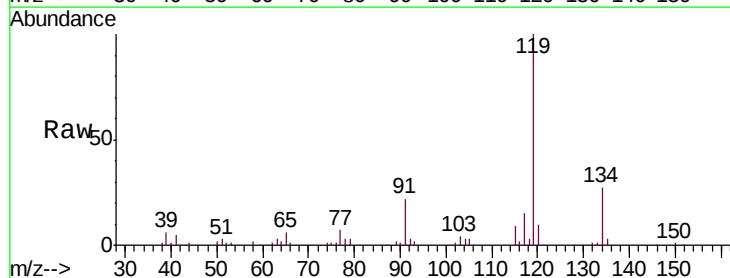
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

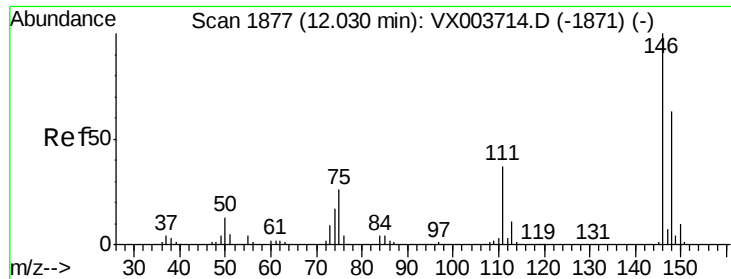
Tgt Ion:105 Resp: 30498
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 4.590 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion:119 Resp: 26312
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 52.6
 91 23.0 0.0 48.0

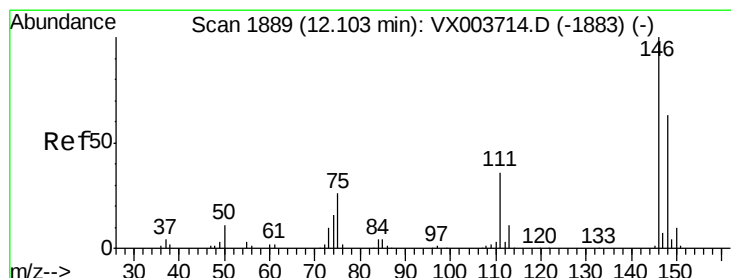
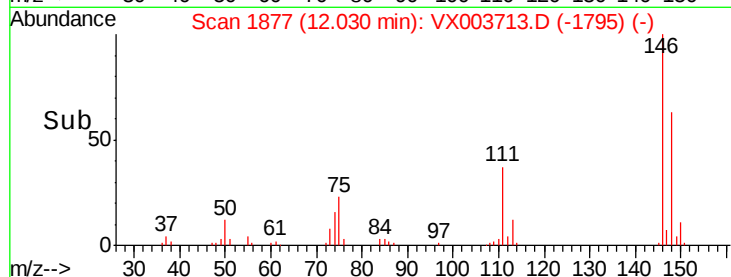
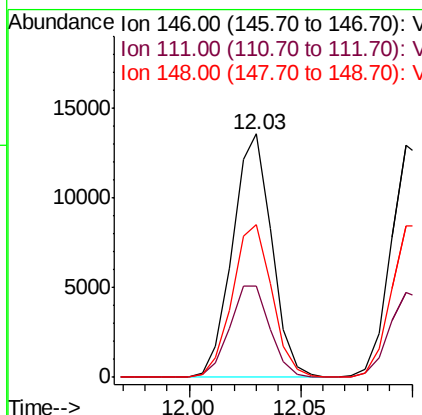
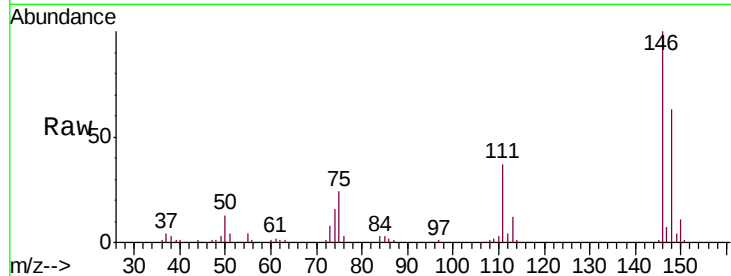




#83
 1,3-Dichlorobenzene
 Concen: 5.174 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

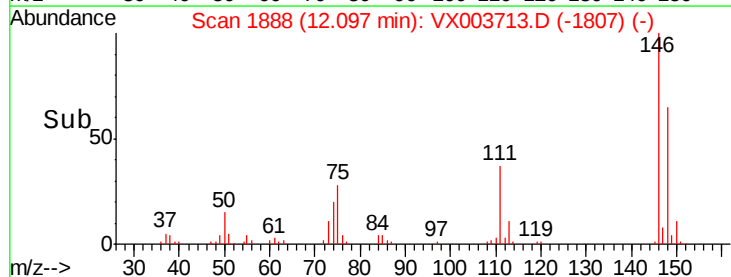
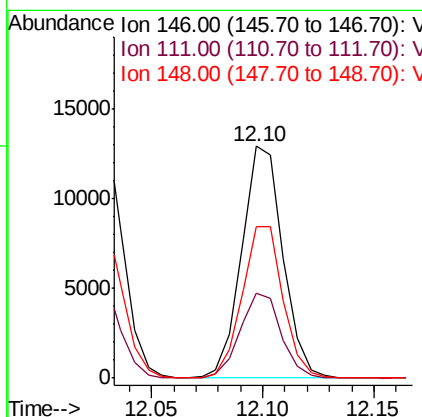
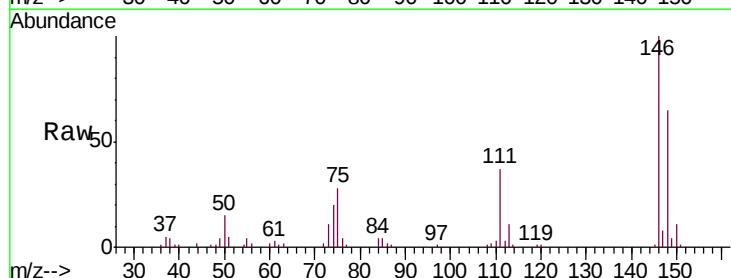
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

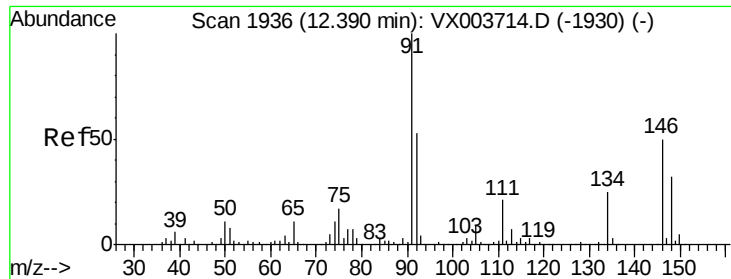
Tgt Ion:146 Resp: 16719
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.5
 148 63.4 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 5.126 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion:146 Resp: 16678
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.5 55.5
 148 65.0 32.0 96.0

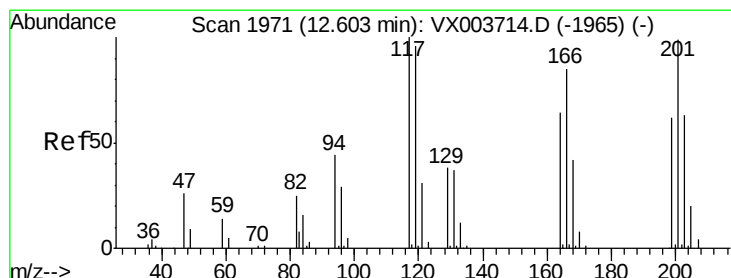
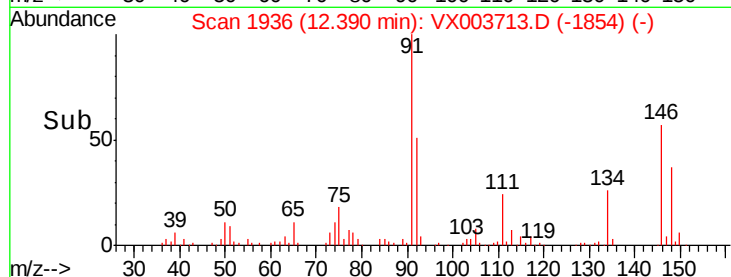
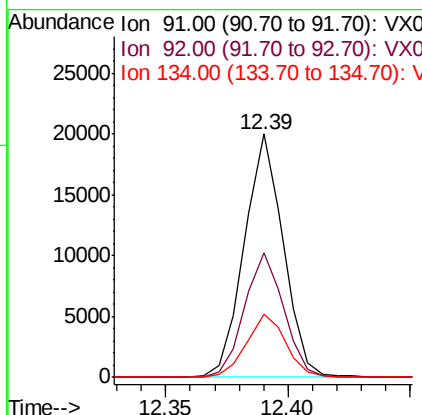
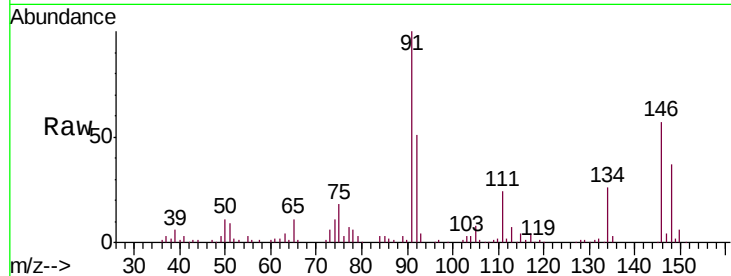




#85
n-Butylbenzene
Concen: 4.375 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

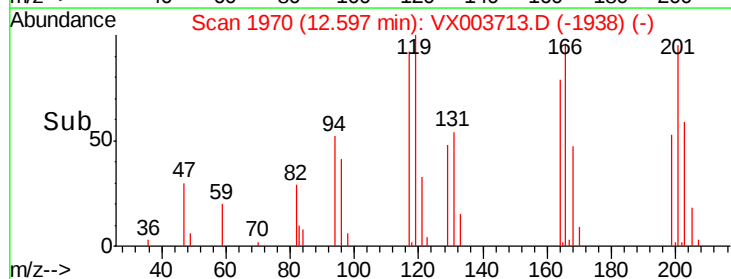
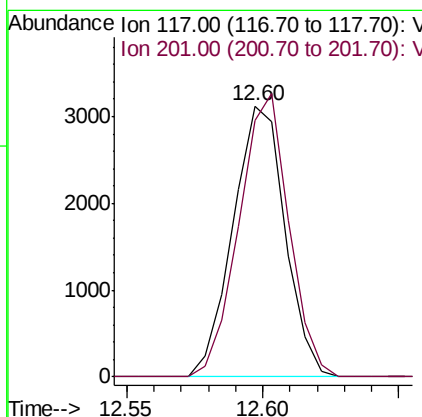
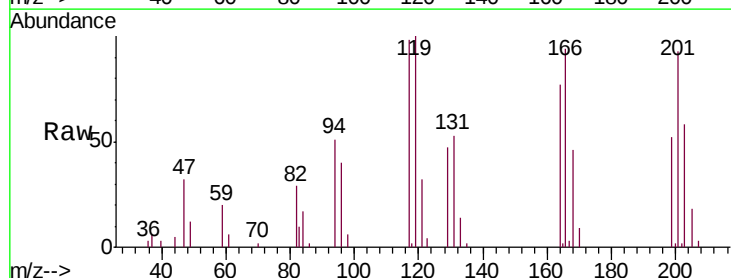
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

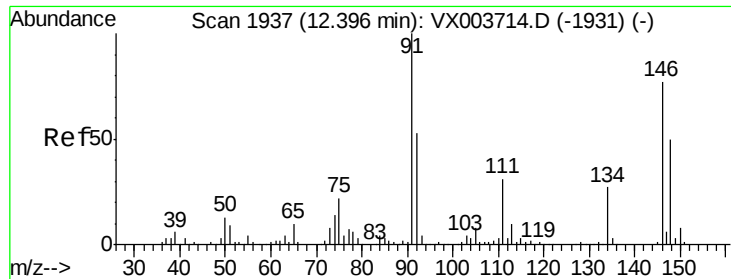
Tgt Ion: 91 Resp: 22260
Ion Ratio Lower Upper
91 100
92 51.4 0.0 105.2
134 26.0 0.0 53.2



#86
Hexachloroethane
Concen: 4.480 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion: 117 Resp: 4139
Ion Ratio Lower Upper
117 100
201 99.8 47.6 142.8

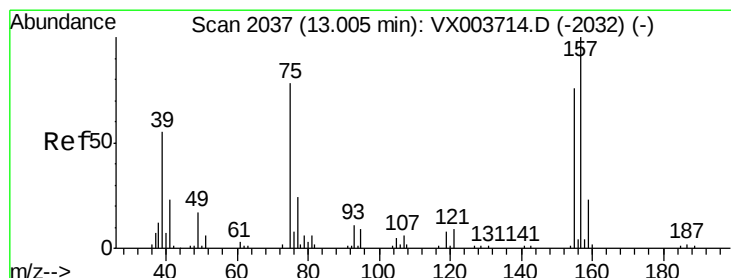
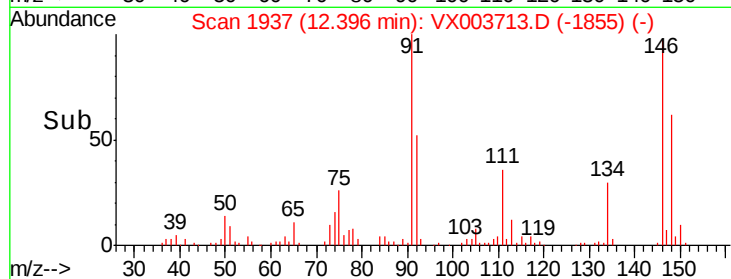
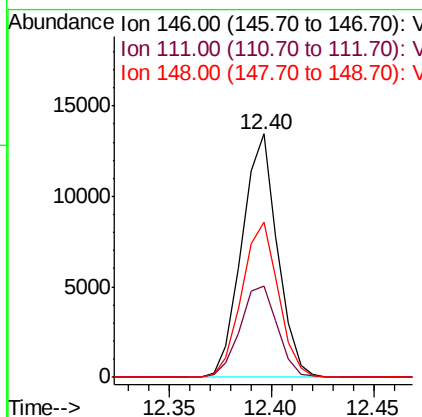
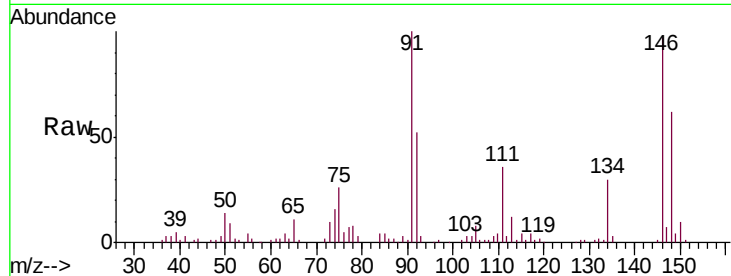




#87
 1,2-Dichlorobenzene
 Concen: 5.038 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

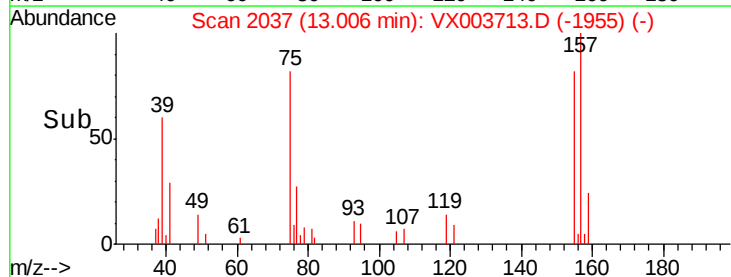
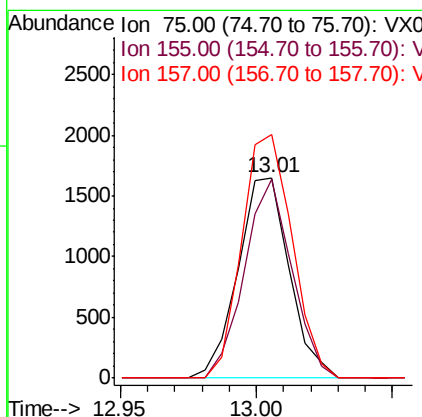
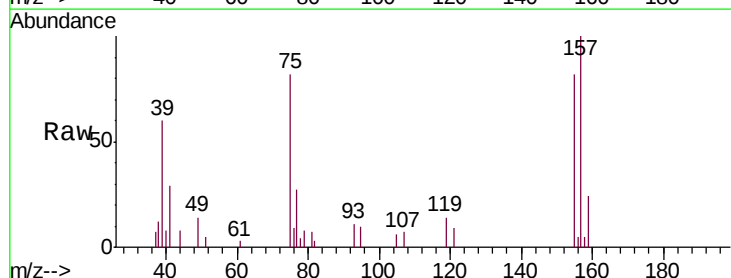
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

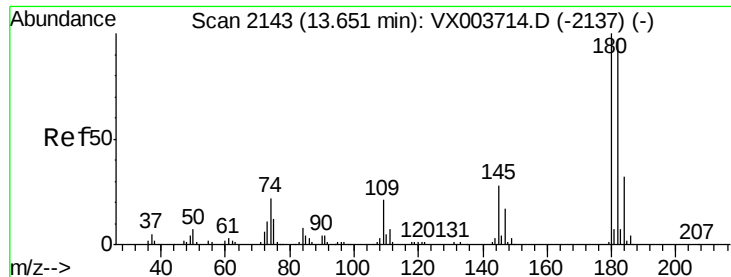
Tgt Ion: 146 Resp: 16344
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 59.9
 148 65.1 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.382 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion: 75 Resp: 2168
 Ion Ratio Lower Upper
 75 100
 155 91.1 73.1 109.7
 157 118.5 93.1 139.7

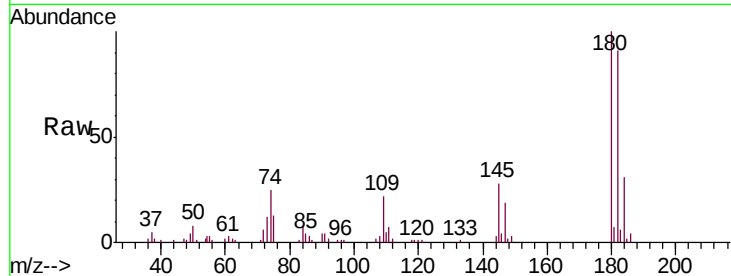




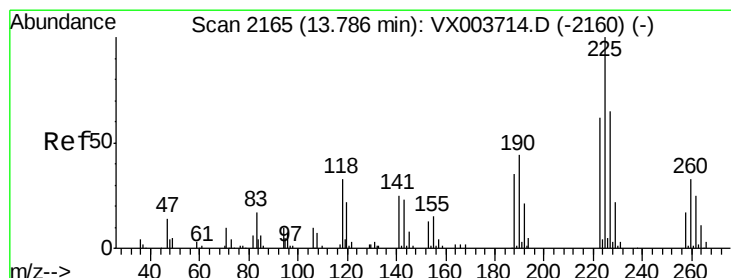
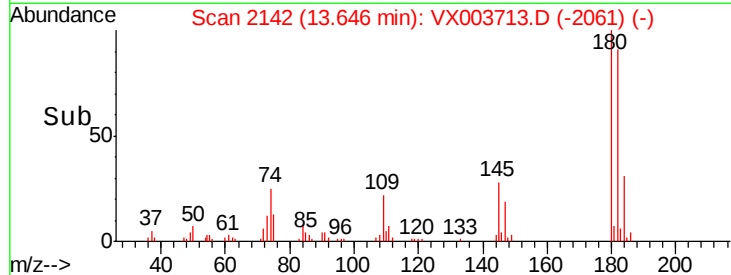
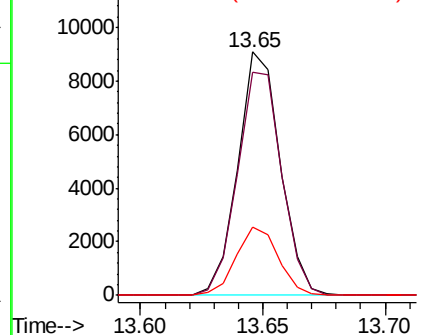
#89
 1,2,4-Trichlorobenzene
 Concen: 4.828 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 10998
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.4 114.6
 145 27.8 22.9 34.3

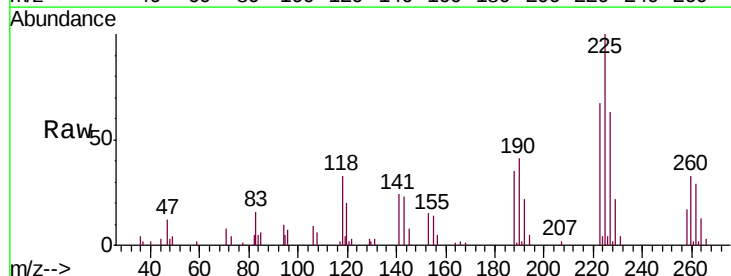


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

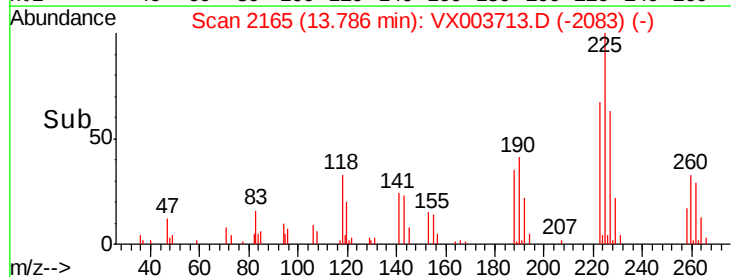
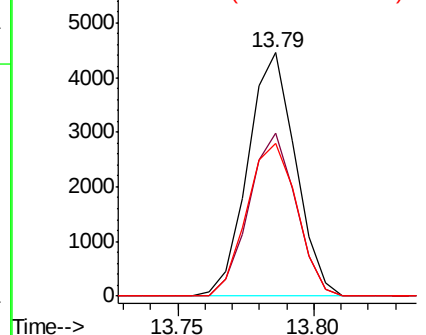


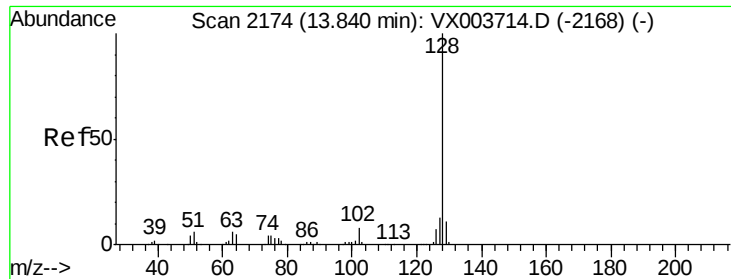
#90
 Hexachlorobutadiene
 Concen: 5.245 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003713.D
 Acq: 27 Jul 2018 13:31

Tgt Ion:225 Resp: 5416
 Ion Ratio Lower Upper
 225 100
 223 66.0 0.0 122.4
 227 65.6 0.0 128.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

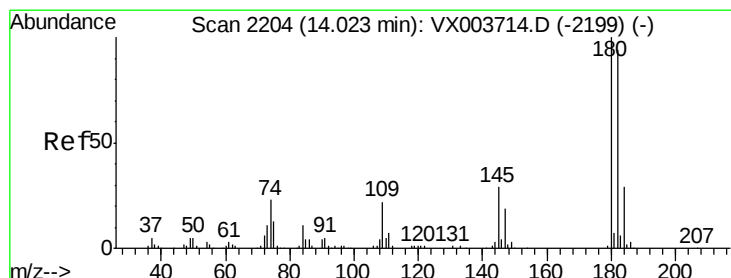
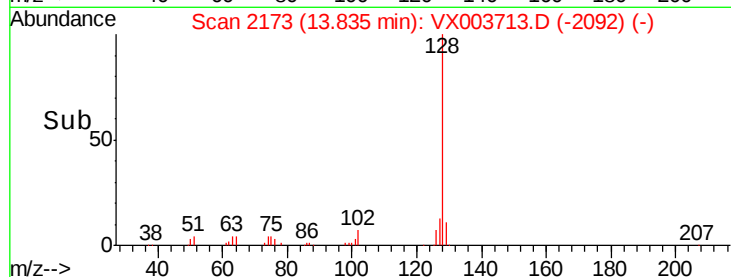
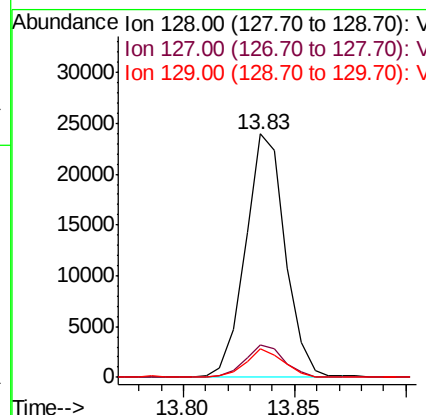
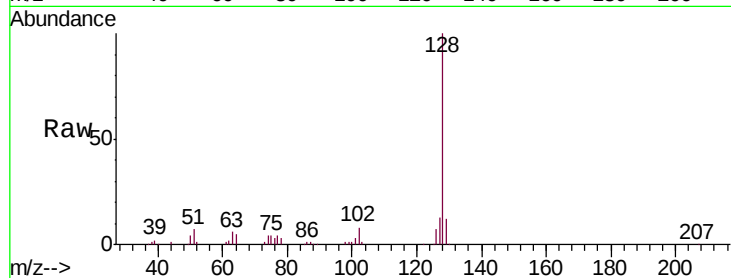




#91
Naphthalene
Concen: 4.284 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 29827
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 4.941 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003713.D
Acq: 27 Jul 2018 13:31

Tgt Ion:180 Resp: 11461
Ion Ratio Lower Upper
180 100
182 96.7 0.0 191.0
145 30.4 0.0 60.6

