

Data File : VX003715.D
Acq On : 27 Jul 2018 14:24
Operator : JC/SP
Sample : VSTDIC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Quant Time: Aug 11 05:50:01 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	22570	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	118315	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	110305	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	48101	29.03	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.77%
60) 4-Bromofluorobenzene	11.14	95	53706	30.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.80%
63) Toluene-d8	8.72	98	152478	30.68	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.27%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	51673	43.345	ug/l 99
3) Chloromethane	1.32	50	73267	45.665	ug/l 99
4) Vinyl Chloride	1.40	62	75454	44.716	ug/l 100
5) Bromomethane	1.64	94	44985	44.602	ug/l 99
6) Chloroethane	1.71	64	48099	43.547	ug/l 97
7) Trichlorofluoromethane	1.92	101	102191	45.026	ug/l 97
8) Diethyl Ether	2.19	74	43254	44.461	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	61415	44.628	ug/l 95
10) 1,1-Dichloroethene	2.37	96	57995	44.819	ug/l 96
11) Methyl Iodide	2.51	142	83389	46.491	ug/l 96
12) Methyl Acetate	2.78	43	113108	47.241	ug/l 98
13) Acrolein	2.29	56	48316	258.736	ug/l 99
14) Acrylonitrile	3.15	53	215306	228.220	ug/l 99
15) Acetone	2.45	58	57188	223.386	ug/l 82
16) Carbon Disulfide	2.57	76	161784	45.021	ug/l 100
17) Allyl chloride	2.73	41	123051	45.949	ug/l 93
18) Methylene Chloride	2.85	84	68531	44.709	ug/l 100
19) trans-1,2-Dichloroethene	3.16	96	63119	45.126	ug/l 96
20) Diisopropyl ether	3.88	45	231240	47.020	ug/l 98
21) 1,1-Dichloroethane	3.70	63	126749	45.527	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	67800	48.001	ug/l # 76
23) tert-Butyl Alcohol	3.08	59	90696	228.866	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	211061	45.480	ug/l 92
25) Chloroform	5.22	83	115572	47.934	ug/l 100
26) Cyclohexane	5.57	56	102288	48.906	ug/l # 98
29) 1,1-Dichloropropene	5.80	75	85923	49.178	ug/l 100
30) 2-Butanone	4.71	43	275186	246.638	ug/l 96
31) 2,2-Dichloropropane	4.59	77	83551	49.369	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	98152	49.100	ug/l 99
33) Carbon Tetrachloride	5.78	117	84892	48.870	ug/l 94
34) Benzene	6.15	78	267621	49.857	ug/l 96
35) Methacrylonitrile	5.07	41	56848	49.029	ug/l 92
36) 1,2-Dichloroethane	6.20	62	93265	48.339	ug/l 97
37) Trichloroethene	7.22	130	67388	48.165	ug/l 89
38) Methylcyclohexane	7.46	83	98318	49.522	ug/l 98
39) 1,2-Dichloropropane	7.52	63	69793	49.199	ug/l 98
40) Dibromomethane	7.67	93	44312	48.270	ug/l 97

Data File : VX003715.D
Acq On : 27 Jul 2018 14:24
Operator : JC/SP
Sample : VSTDIC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Quant Time: Aug 11 05:50:01 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	85146	48.547	ug/l	98
42) Vinyl Acetate	3.83	43	1005698	234.579	ug/l	100
43) Ethyl Acetate	4.87	43	101869	48.879	ug/l	96
44) Isopropyl Acetate	6.47	43	157179	49.171	ug/l	96
45) 1,4-Dioxane	7.76	88	34737	978.494	ug/l #	87
46) Methyl methacrylate	7.78	41	83243	50.476	ug/l	92
47) n-amyl Acetate	10.90	43	144631	47.923	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	104558	49.130	ug/l	98
49) cis-1,3-Dichloropropene	9.04	75	96174	48.164	ug/l	94
50) 1,1,2-Trichloroethane	9.22	97	68351	46.903	ug/l	98
51) Ethyl methacrylate	9.18	69	104877	47.795	ug/l	89
52) 1,3-Dichloropropane	9.38	76	113235	46.691	ug/l	99
53) Dibromochloromethane	9.59	129	67454	47.124	ug/l	99
54) 1,2-Dibromoethane	9.68	107	70506	46.265	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	277977	245.613	ug/l	99
56) Bromoform	10.86	173	52672	47.416	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	540306	259.415	ug/l	95
59) 2-Hexanone	9.50	43	419424	252.910	ug/l	95
61) Tetrachloroethene	9.34	164	61456	47.874	ug/l	97
62) Toluene	8.79	91	287662	50.245	ug/l	99
64) Chlorobenzene	10.14	112	181780	49.132	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	65217	49.817	ug/l	99
66) Ethyl Benzene	10.26	91	314022	49.843	ug/l	100
67) m/p-Xylenes	10.36	106	245981	101.367	ug/l	99
68) o-Xylene	10.70	106	117163	50.469	ug/l	98
69) Styrene	10.71	104	201796	51.336	ug/l	97
70) Isopropylbenzene	11.02	105	318325	49.803	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	110273	48.330	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	127569	67.210	ug/l	93
73) Bromobenzene	11.26	156	82220	47.732	ug/l	99
74) n-propylbenzene	11.36	91	376988	50.075	ug/l	100
75) 2-Chlorotoluene	11.42	91	218908	49.334	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	271450	50.051	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	32498	50.245	ug/l	98
78) 4-Chlorotoluene	11.51	91	256155	49.338	ug/l	99
79) tert-butylbenzene	12.07	119	284185	50.927	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	279351	50.329	ug/l	99
81) sec-Butylbenzene	11.95	105	316425	50.099	ug/l	99
82) p-Isopropyltoluene	12.07	119	284185	50.927	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	154034	48.966	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	155302	49.035	ug/l	100
85) n-Butylbenzene	12.39	91	251551	50.785	ug/l	100
86) Hexachloroethane	12.60	117	45029	50.075	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	155037	49.095	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	24785	51.465	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	111165	50.135	ug/l	100
90) Hexachlorobutadiene	13.79	225	49495	49.244	ug/l	98
91) Naphthalene	13.83	128	355437	52.451	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	114343	50.641	ug/l	100

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

Data File : VX003715.D
Acq On : 27 Jul 2018 14:24
Operator : JC/SP
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Quant Time: Aug 11 05:50:01 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)
--------------------	------	------	----------	------	-------	----------

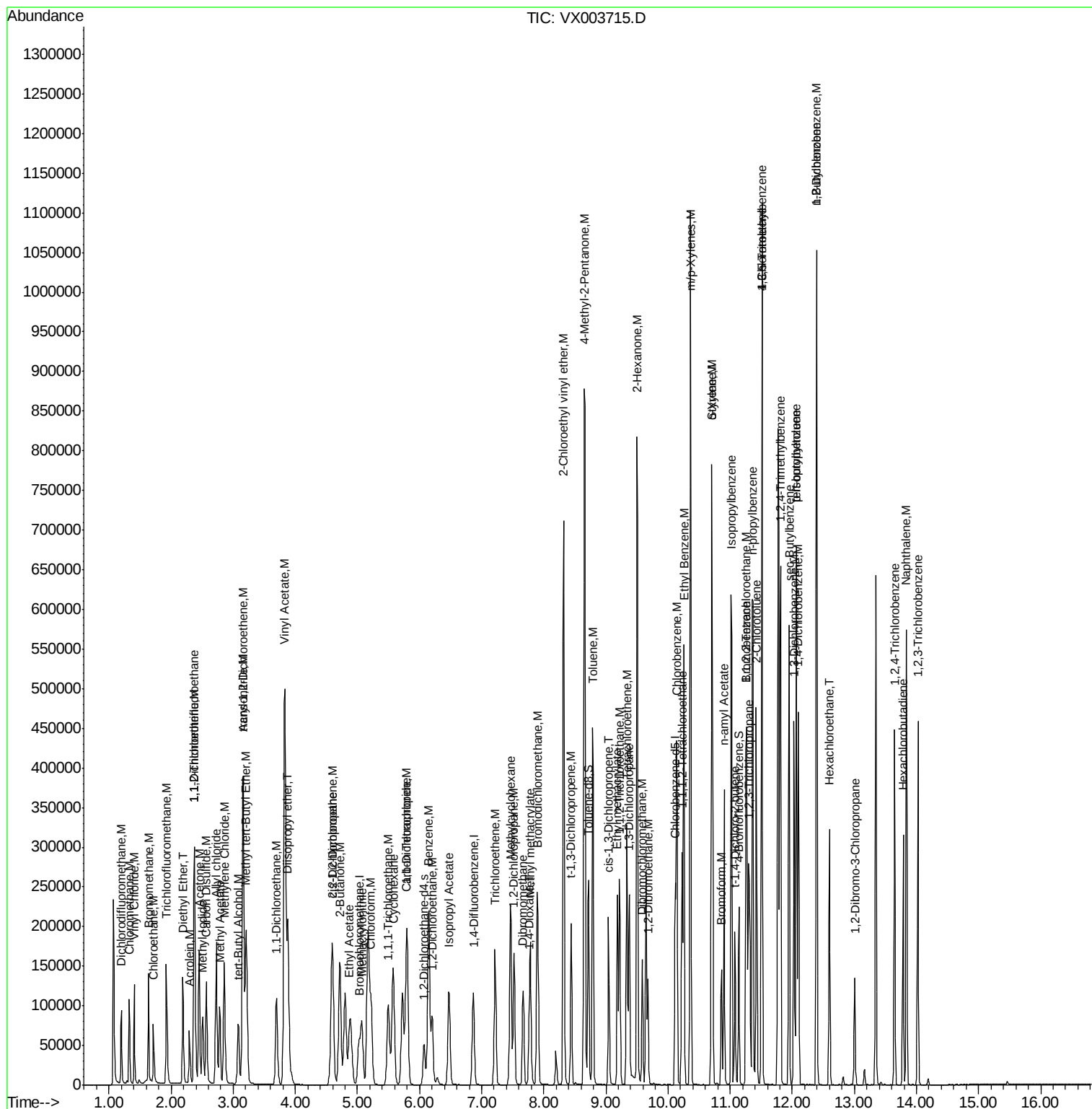
(#) = qualifier out of range (m) = manual integration (+) = signals summed

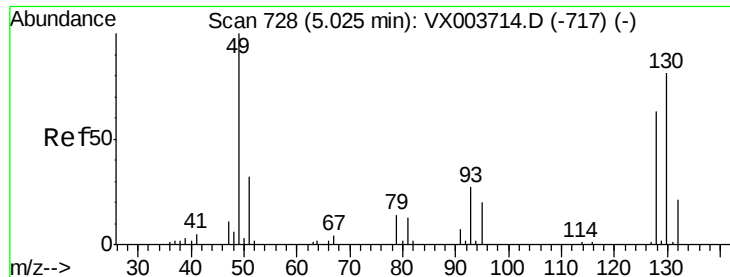
Data File : VX003715.D

```
Acq On      : 27 Jul 2018   14:24
Operator    : JC/SP
Sample      : VSTDICC050
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial    : 4      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Quant Time: Aug 11 05:50:01 2018
Quant Method : Z:\V0ASRV\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: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

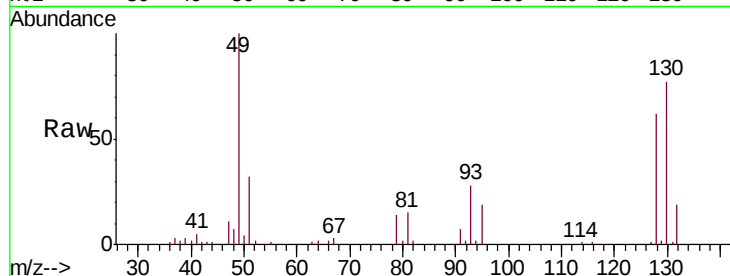
Tgt Ion:128 Resp: 22570

Ion Ratio Lower Upper

128 100

49 167.9 0.0 423.0

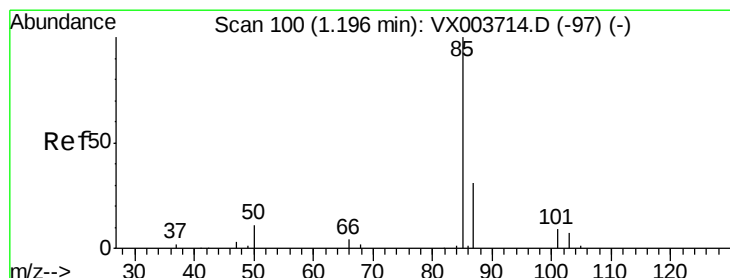
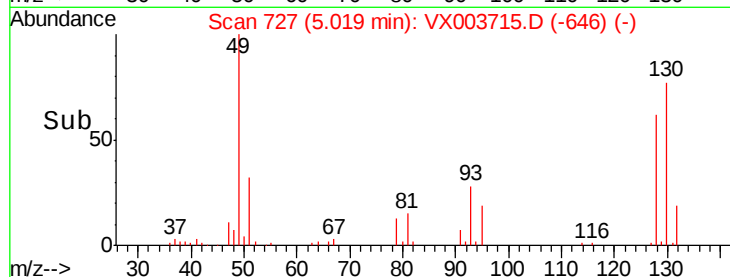
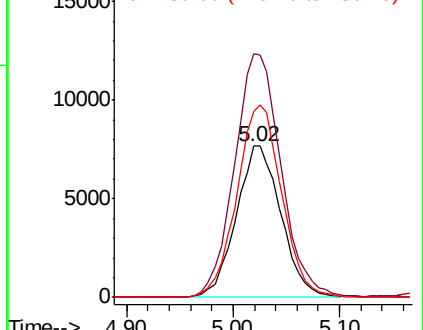
130 127.8 0.0 324.3



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: 43.345 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003715.D

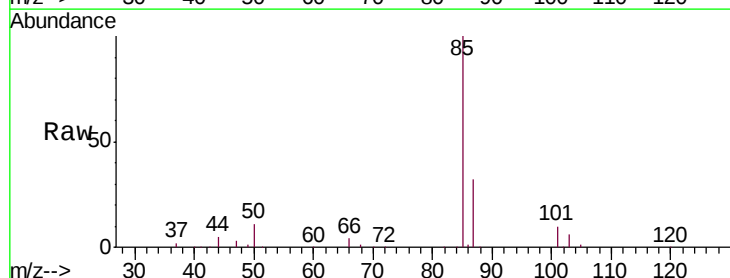
Acq: 27 Jul 2018 14:24

Tgt Ion: 85 Resp: 51673

Ion Ratio Lower Upper

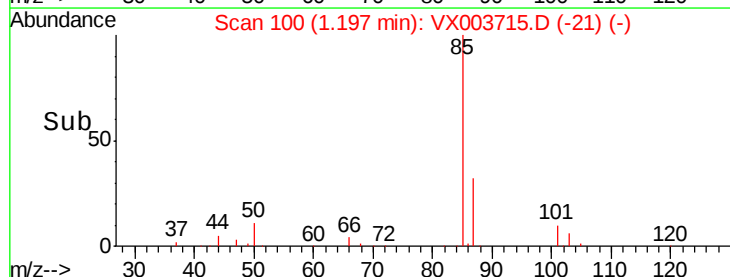
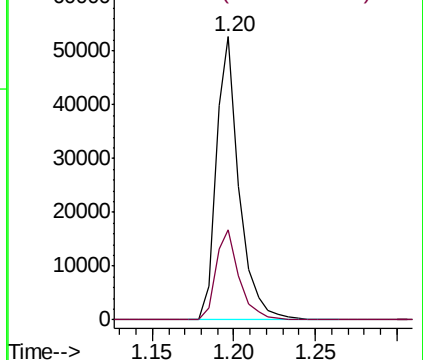
85 100

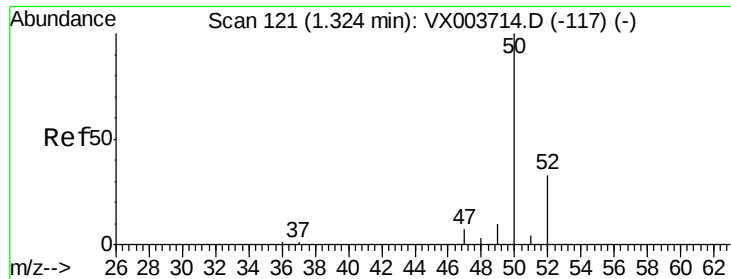
87 31.8 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 45.665 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

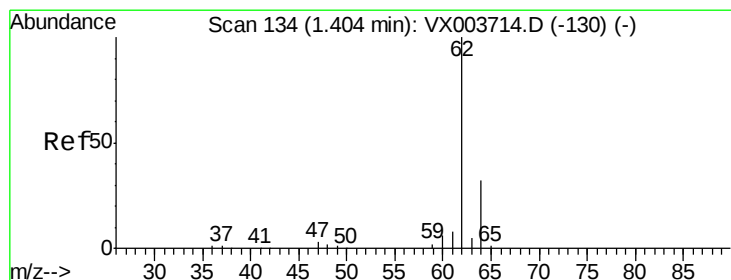
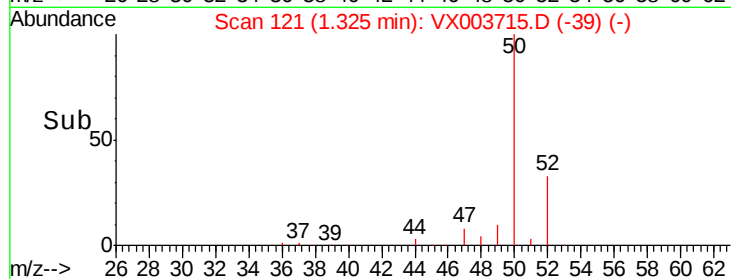
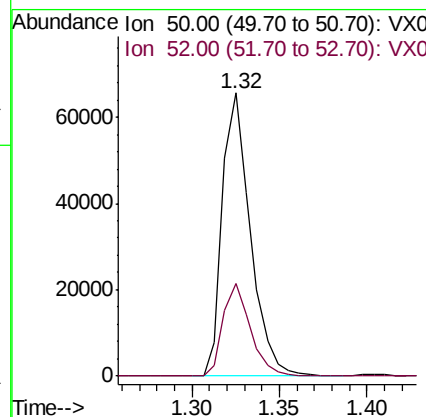
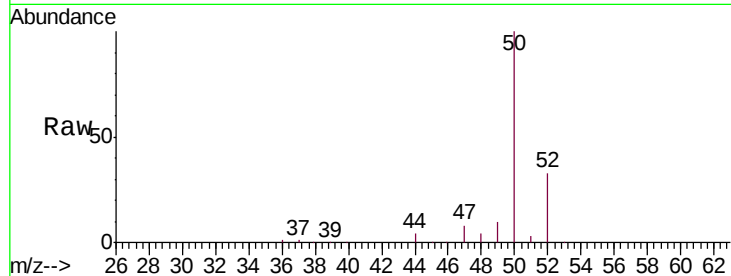
VSTDIC050

Tgt Ion: 50 Resp: 73267

Ion Ratio Lower Upper

50 100

52 32.8 25.6 38.4



#4

Vinyl Chloride

Concen: 44.716 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003715.D

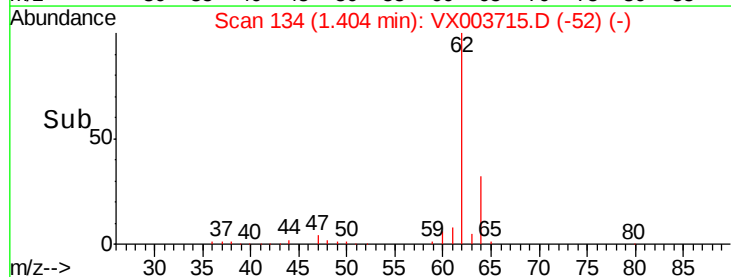
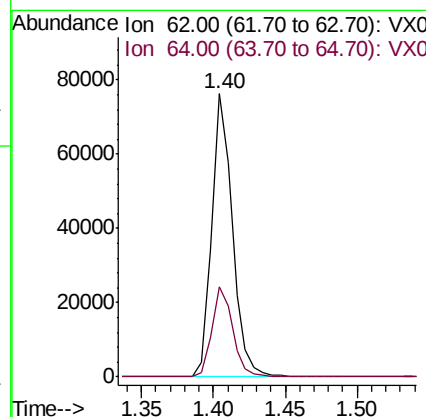
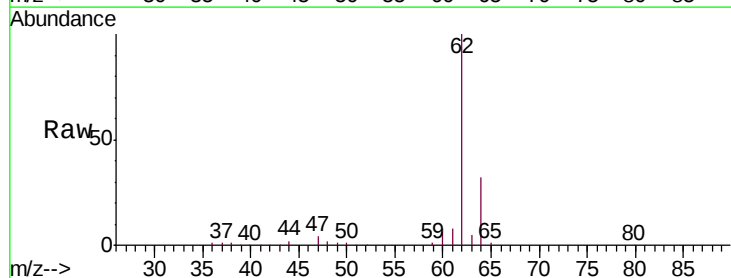
Acq: 27 Jul 2018 14:24

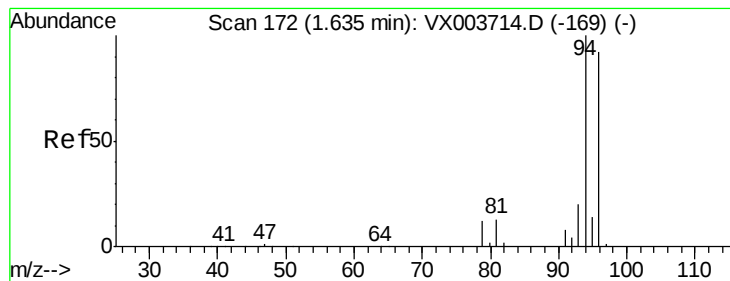
Tgt Ion: 62 Resp: 75454

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 44.602 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampled :

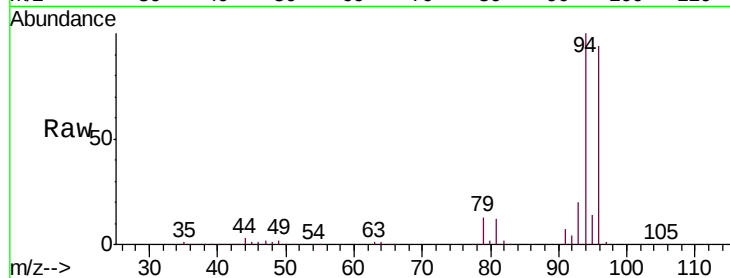
VSTDIC050

Tgt Ion: 94 Resp: 44985

Ion Ratio Lower Upper

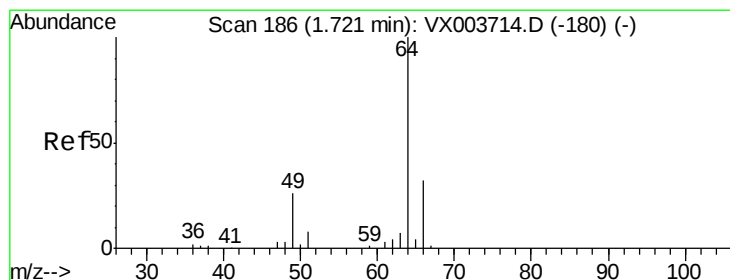
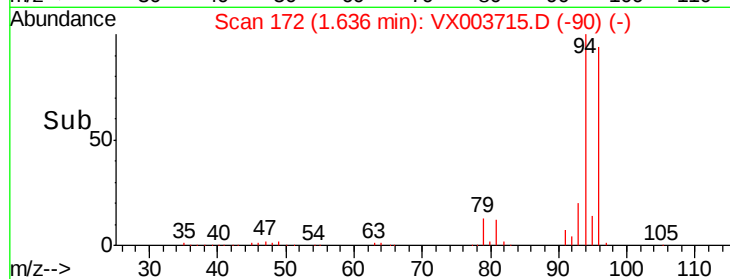
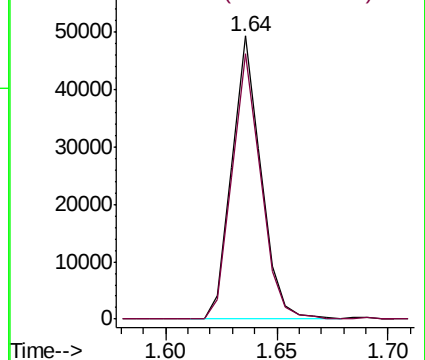
94 100

96 93.8 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: 43.547 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003715.D

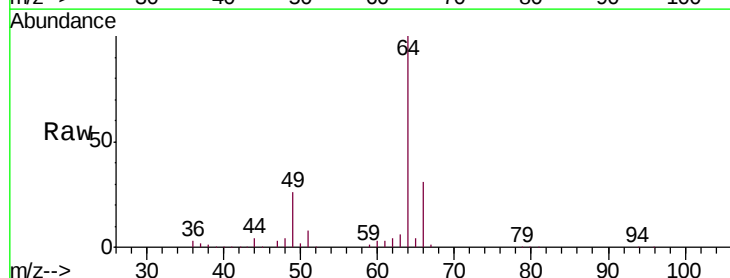
Acq: 27 Jul 2018 14:24

Tgt Ion: 64 Resp: 48099

Ion Ratio Lower Upper

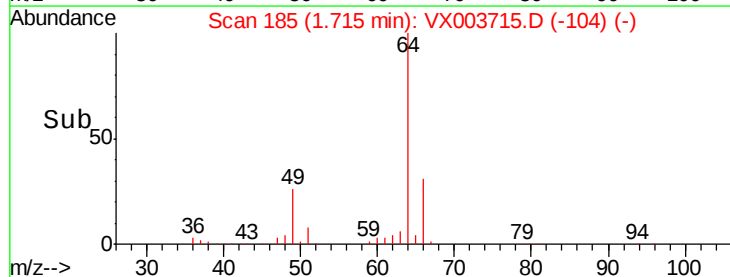
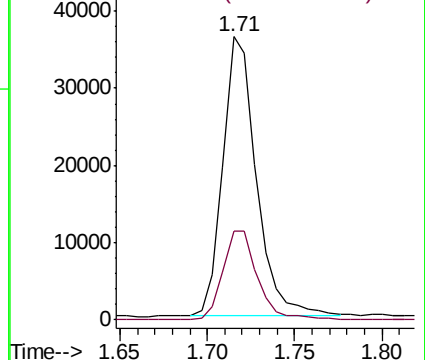
64 100

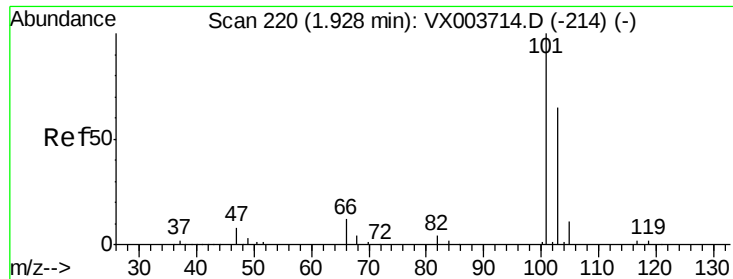
66 31.8 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



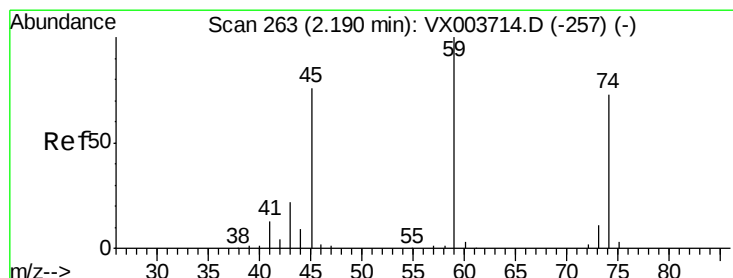
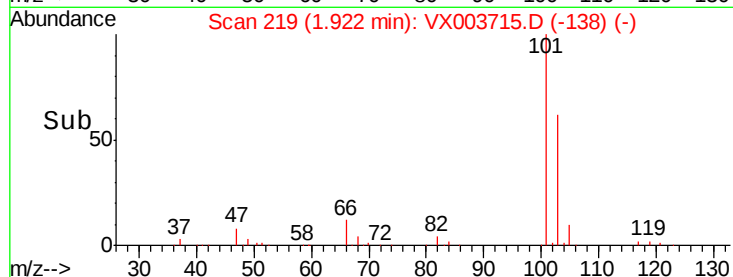
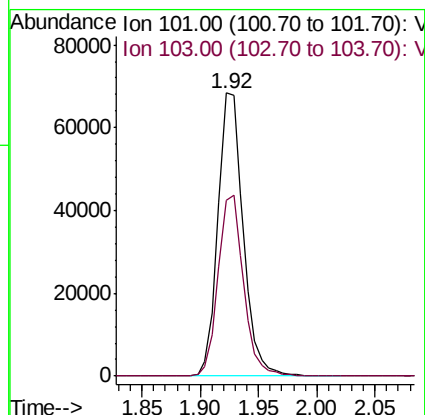
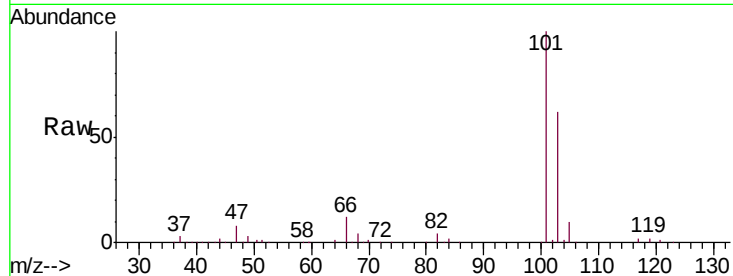


#7

Trichlorofluoromethane
 Concen: 45.026 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

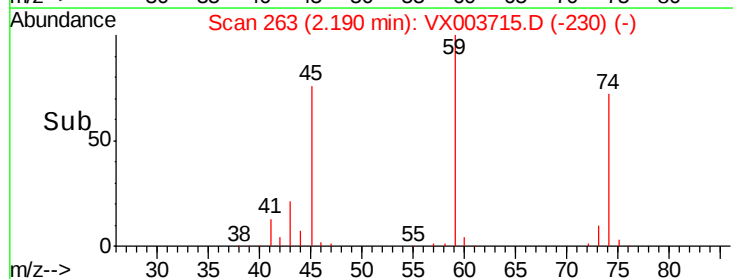
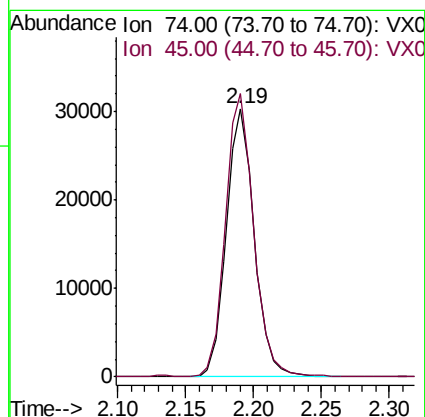
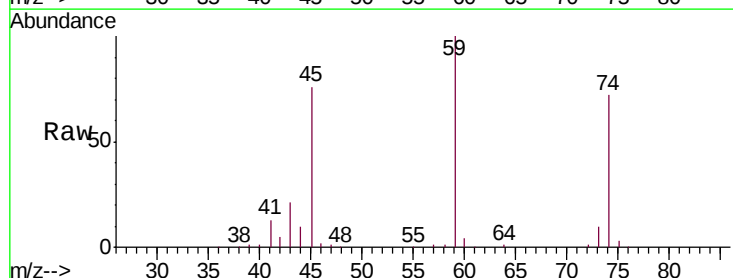
Tgt Ion: 101 Resp: 102191
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.5 77.3

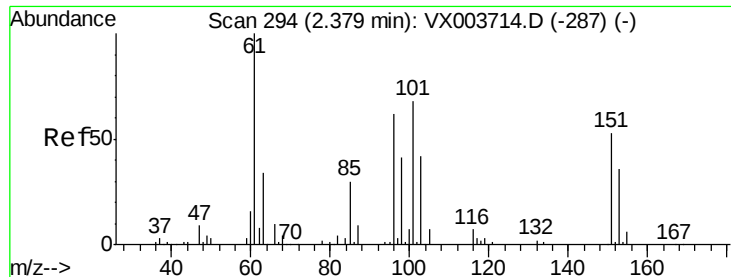


#8

Diethyl Ether
 Concen: 44.461 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Tgt Ion: 74 Resp: 43254
 Ion Ratio Lower Upper
 74 100
 45 106.0 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.628 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

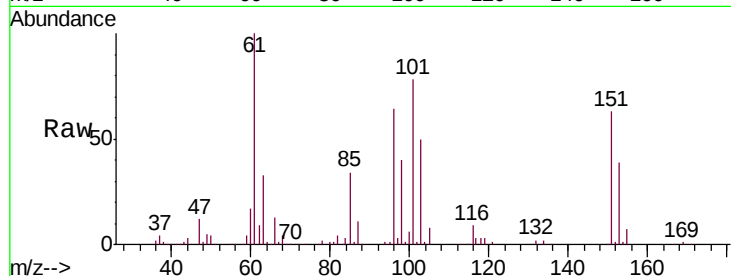
Tgt Ion: 101 Resp: 61415

Ion Ratio Lower Upper

101 100

85 44.3 0.0 87.0

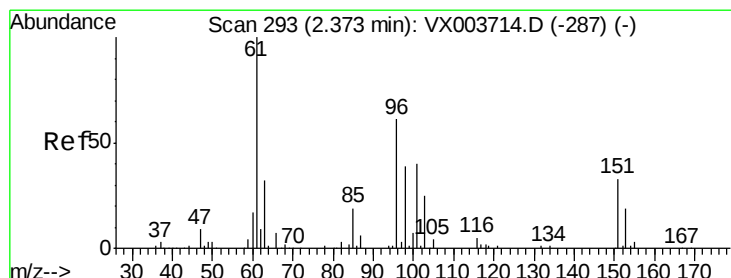
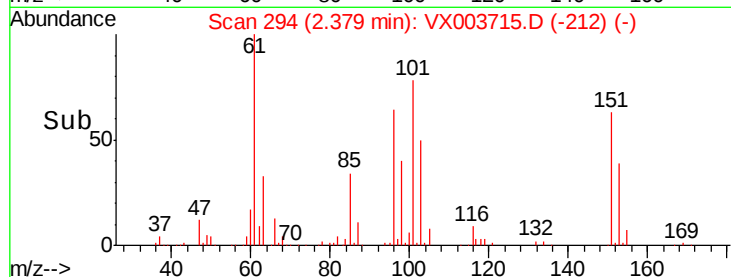
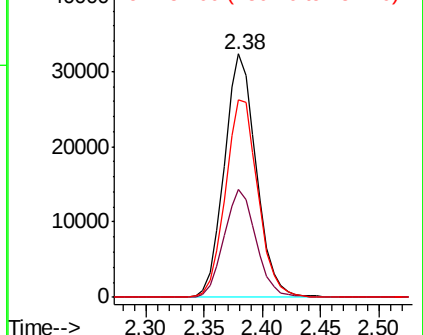
151 82.8 0.0 177.6



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: 44.819 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

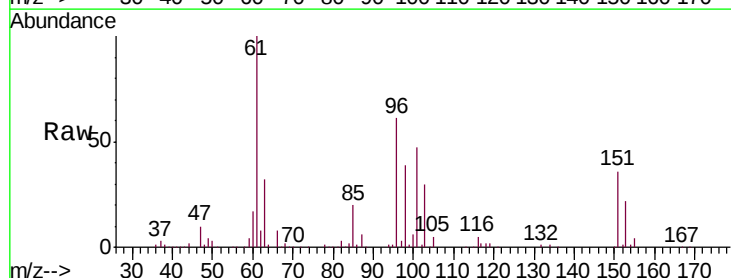
Tgt Ion: 96 Resp: 57995

Ion Ratio Lower Upper

96 100

61 164.5 137.5 206.3

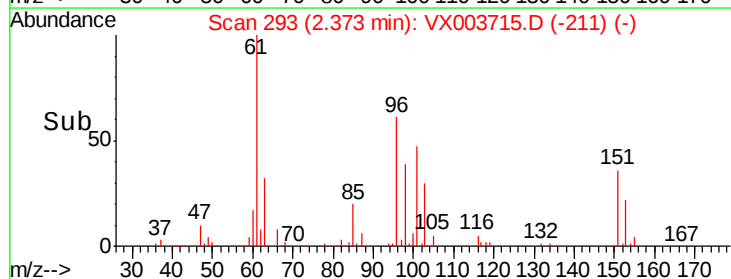
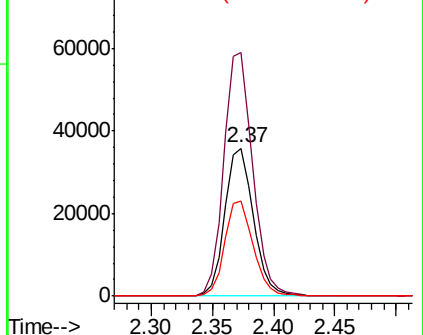
98 64.4 51.4 77.2

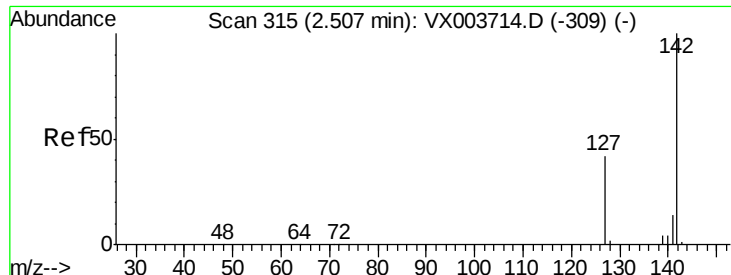


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

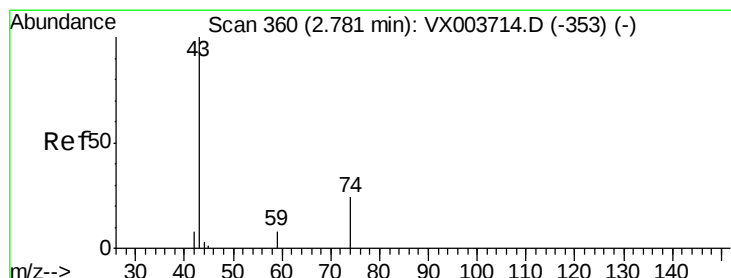
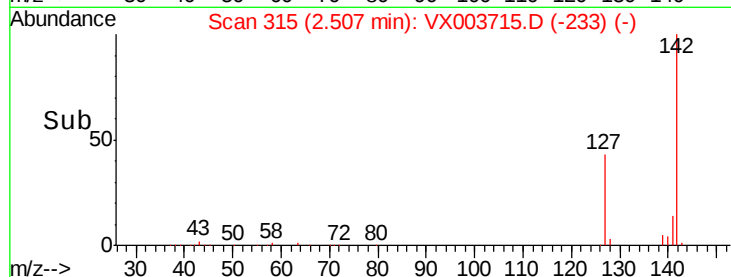
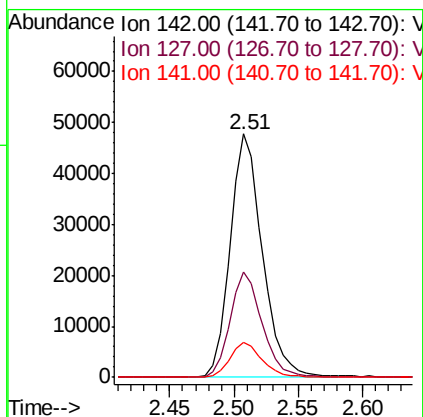
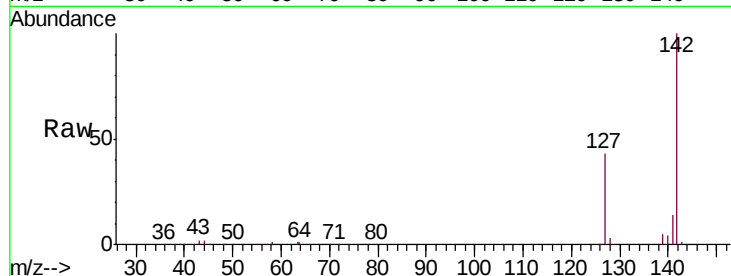




#11
Methyl Iodide
Concen: 46.491 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

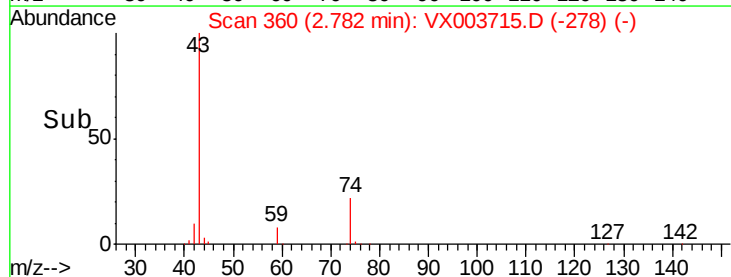
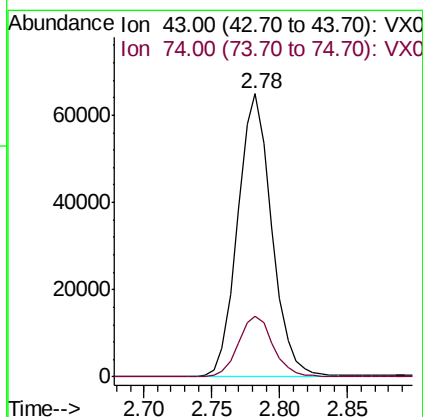
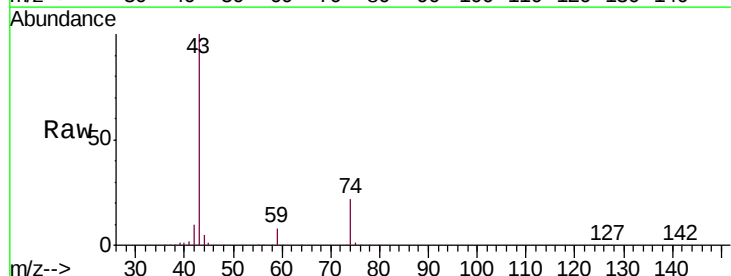
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

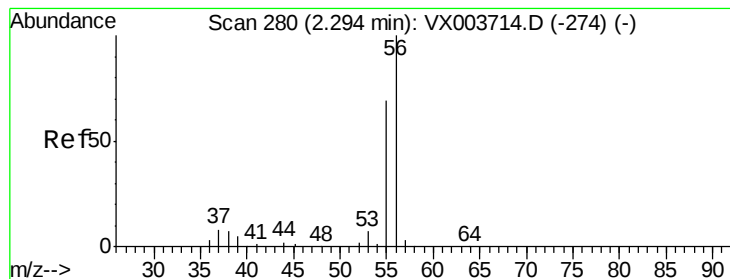
Tgt Ion: 142 Resp: 83389
Ion Ratio Lower Upper
142 100
127 43.4 23.2 69.6
141 14.2 7.4 22.2



#12
Methyl Acetate
Concen: 47.241 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Tgt Ion: 43 Resp: 113108
Ion Ratio Lower Upper
43 100
74 21.5 16.4 24.6





#13

Acrolein

Concen: 258.736 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

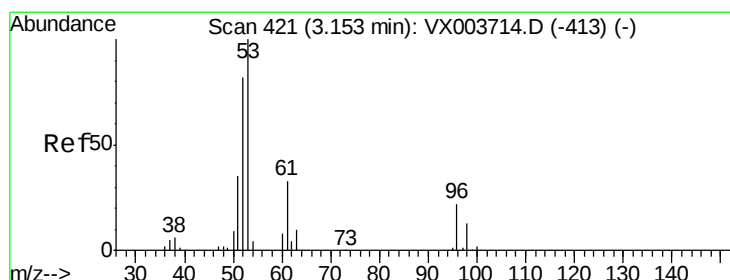
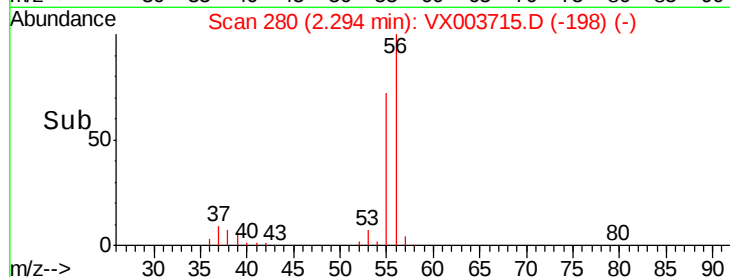
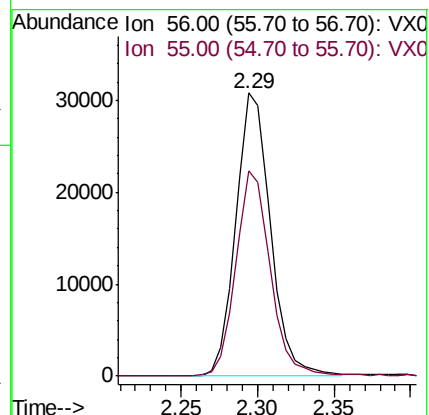
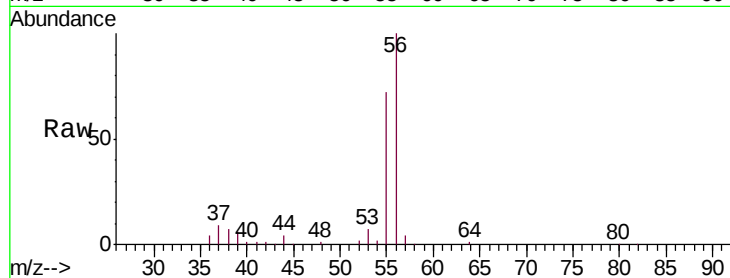
VSTDIC050

Tgt Ion: 56 Resp: 48316

Ion Ratio Lower Upper

56 100

55 72.2 57.3 85.9



#14

Acrylonitrile

Concen: 228.220 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

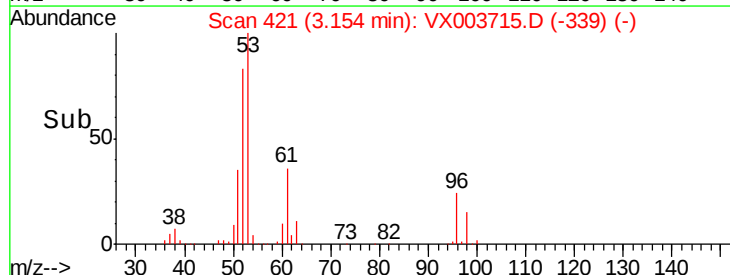
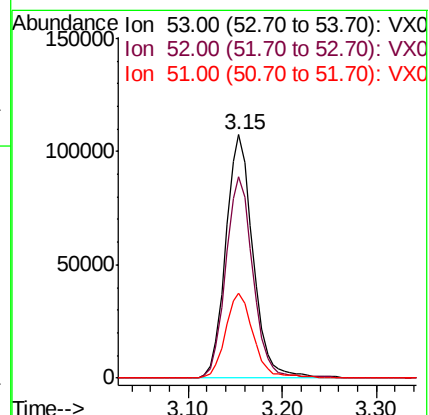
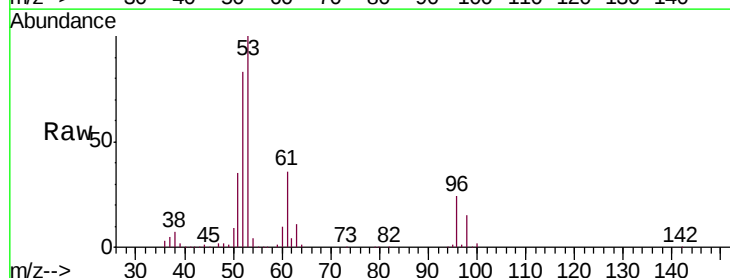
Tgt Ion: 53 Resp: 215306

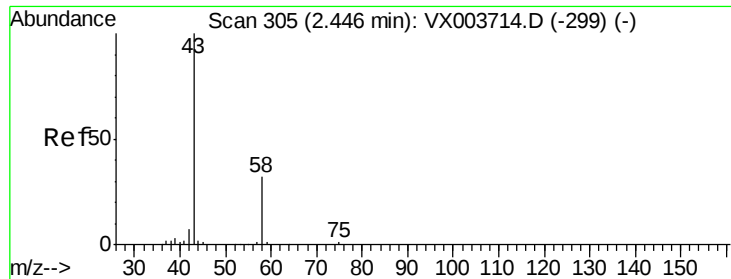
Ion Ratio Lower Upper

53 100

52 82.7 41.5 124.6

51 35.4 17.9 53.8





#15

Acetone

Concen: 223.386 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

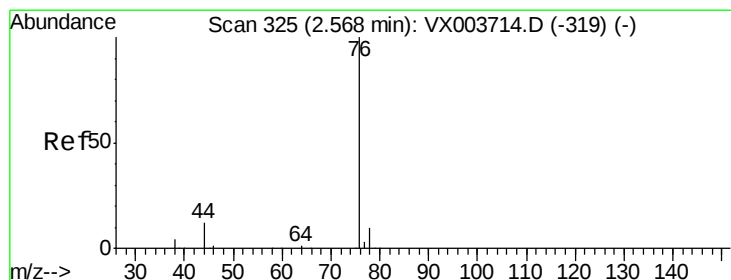
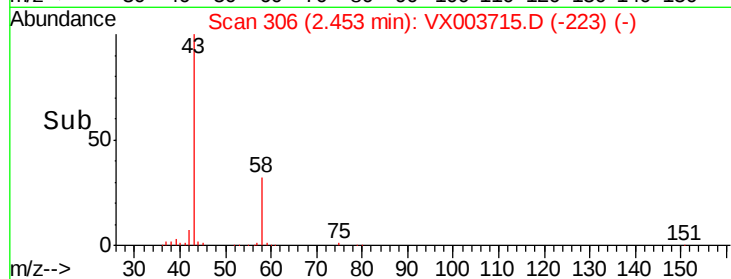
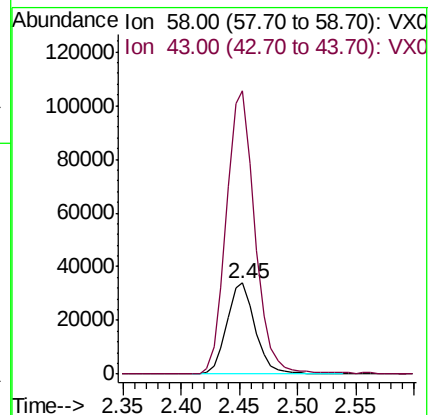
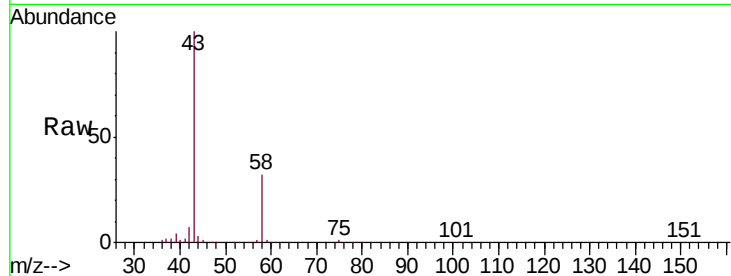
VSTDIC050

Tgt Ion: 58 Resp: 57188

Ion Ratio Lower Upper

58 100

43 310.1 278.8 418.2



#16

Carbon Disulfide

Concen: 45.021 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003715.D

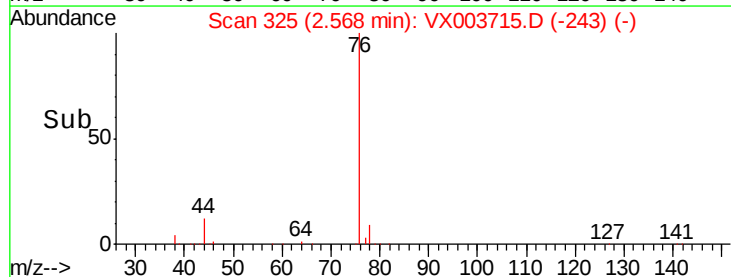
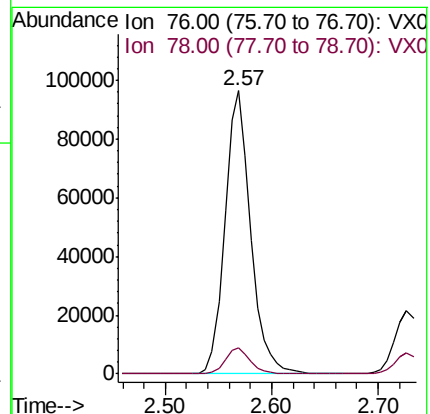
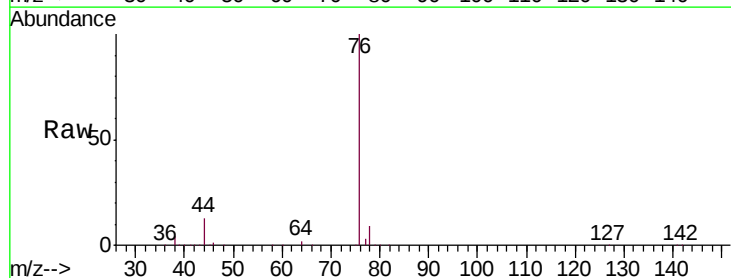
Acq: 27 Jul 2018 14:24

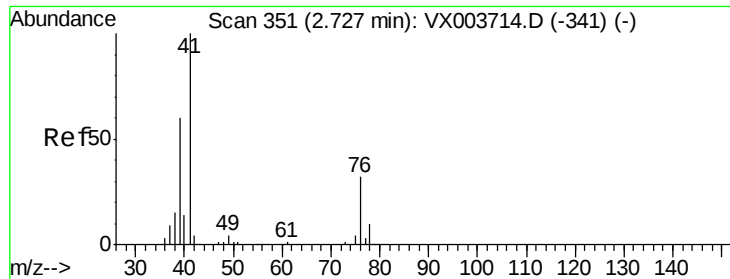
Tgt Ion: 76 Resp: 161784

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#17

Allyl chloride

Concen: 45.949 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

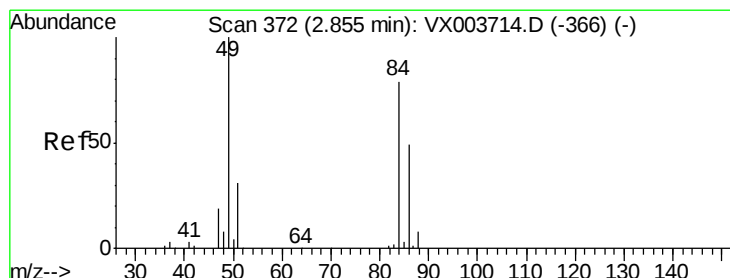
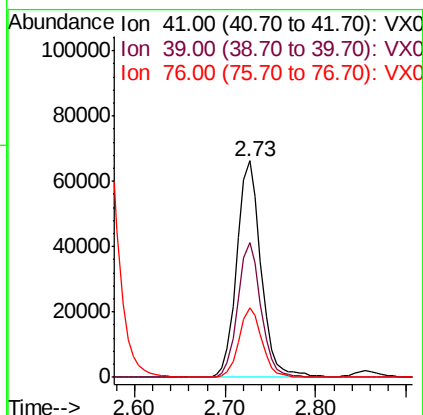
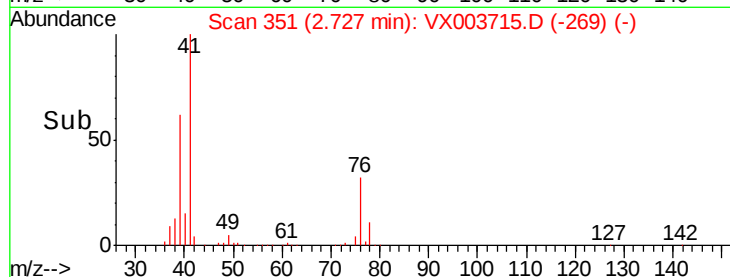
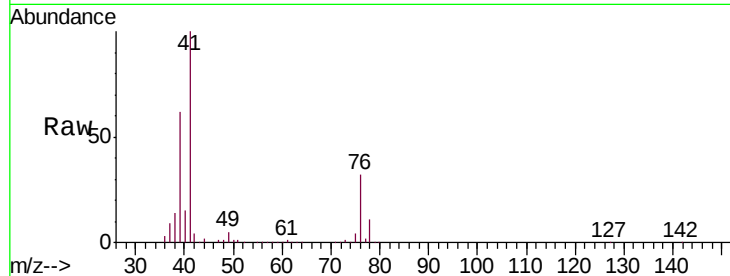
Tgt Ion: 41 Resp: 123051

Ion Ratio Lower Upper

41 100

39 62.0 34.6 103.8

76 32.3 15.0 45.1



#18

Methylene Chloride

Concen: 44.709 ug/l

RT: 2.85 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Tgt Ion: 84 Resp: 68531

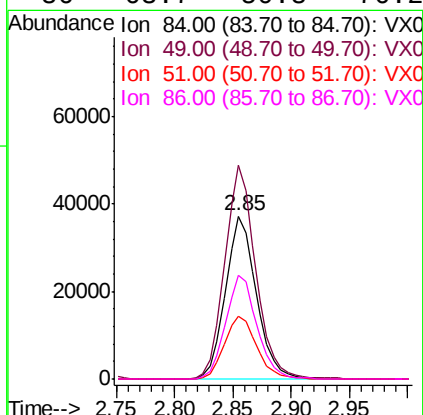
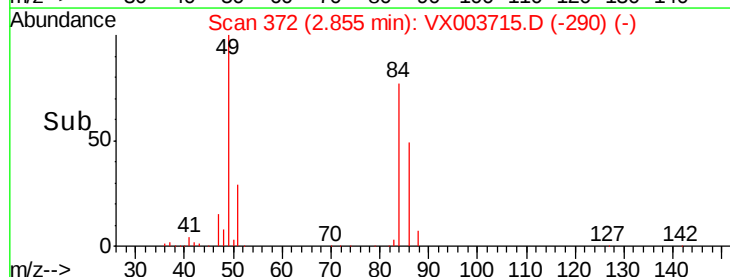
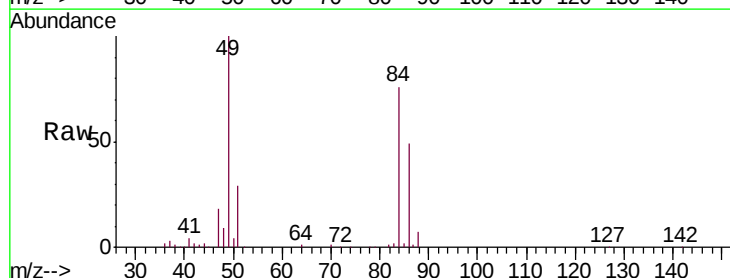
Ion Ratio Lower Upper

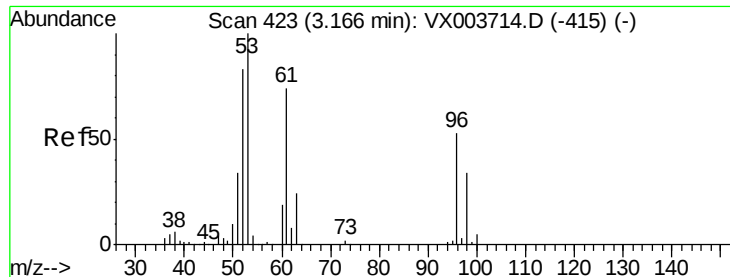
84 100

49 131.1 104.7 157.1

51 38.3 31.0 46.4

86 63.7 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 45.126 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

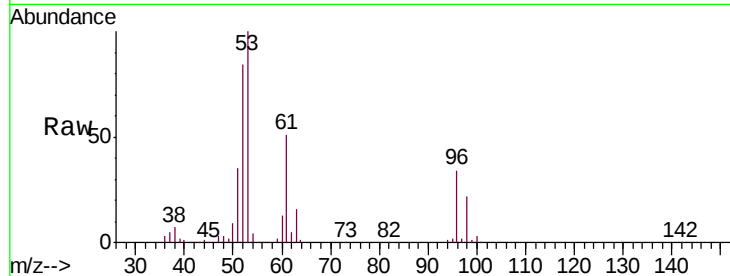
Tgt Ion: 96 Resp: 63119

Ion Ratio Lower Upper

96 100

61 150.3 114.6 172.0

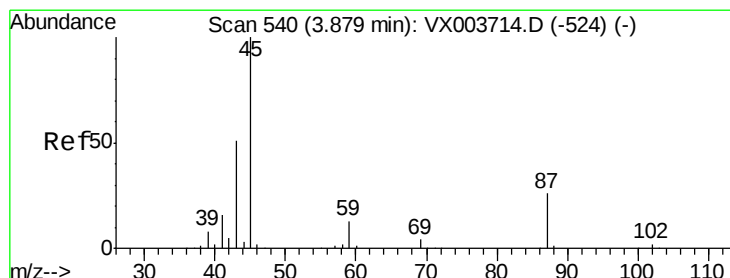
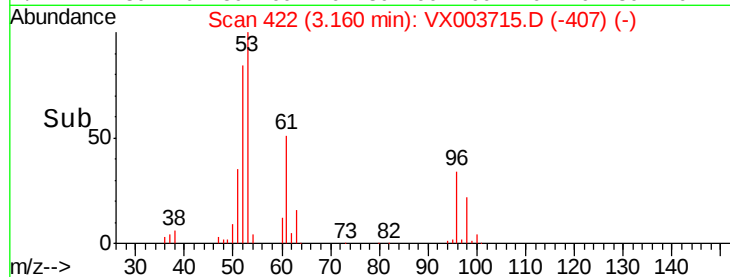
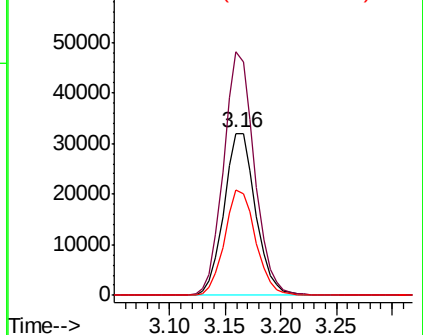
98 64.7 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 47.020 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Tgt Ion: 45 Resp: 231240

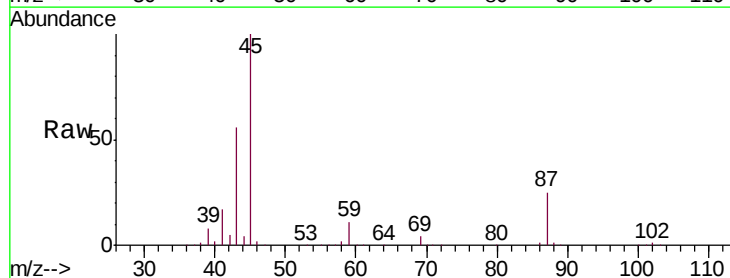
Ion Ratio Lower Upper

45 100

43 55.6 45.6 68.4

87 25.0 20.7 31.1

59 11.1 8.9 13.3

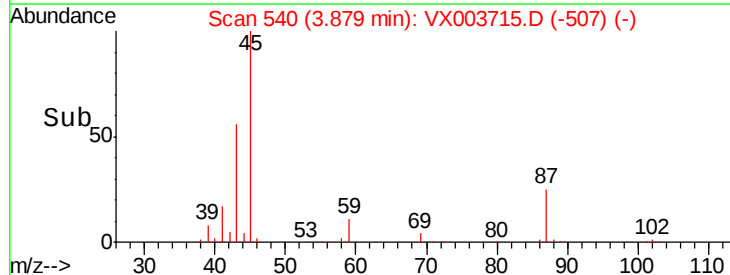
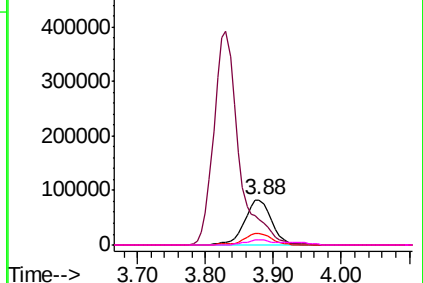


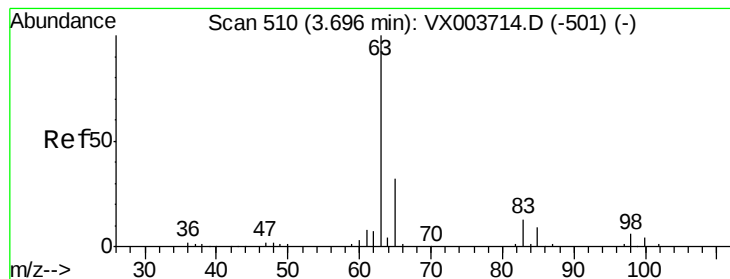
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 45.527 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

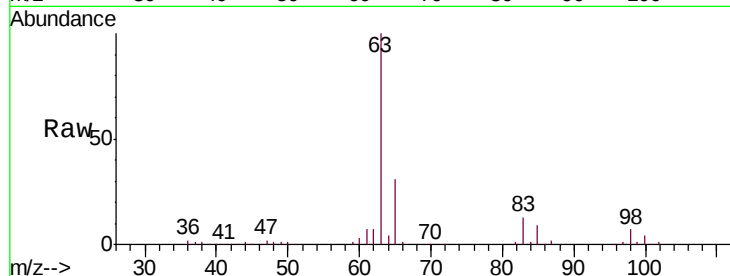
Tgt Ion: 63 Resp: 126749

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.3

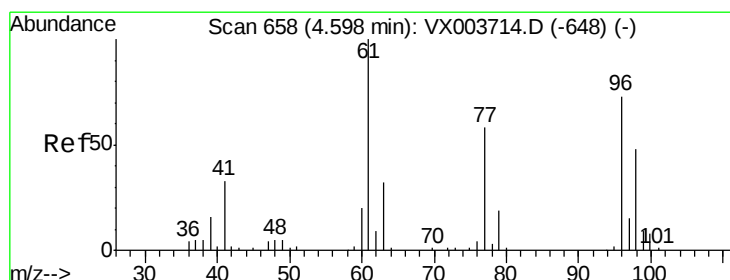
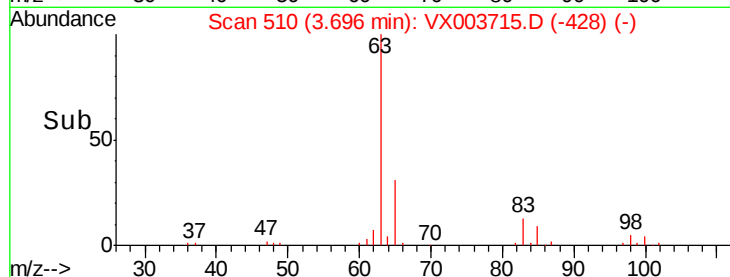
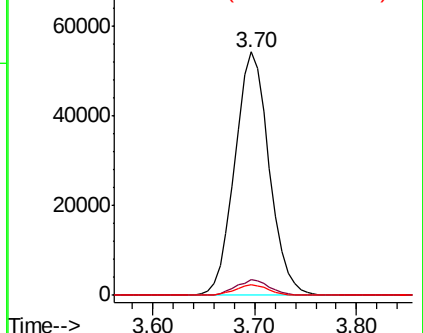
100 4.2 2.2 6.6



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: 48.001 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

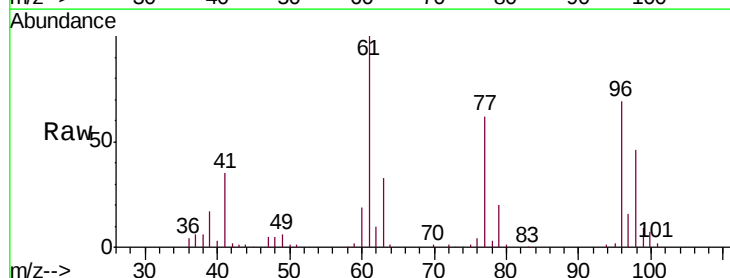
Tgt Ion: 96 Resp: 67800

Ion Ratio Lower Upper

96 100

61 154.0 160.2 240.2#

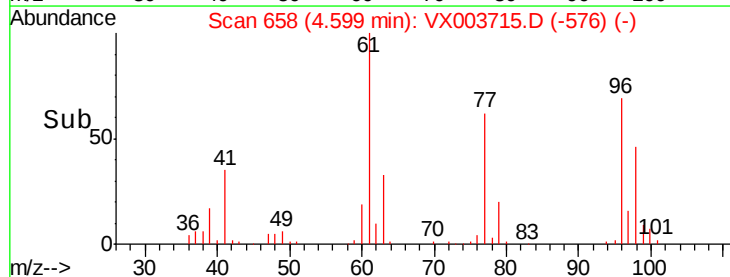
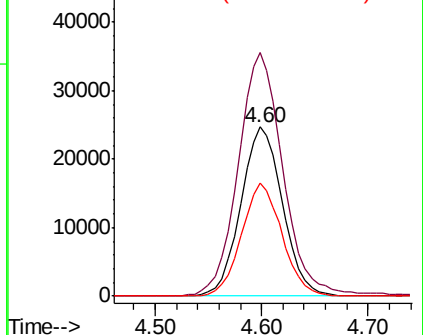
98 65.0 54.1 81.1

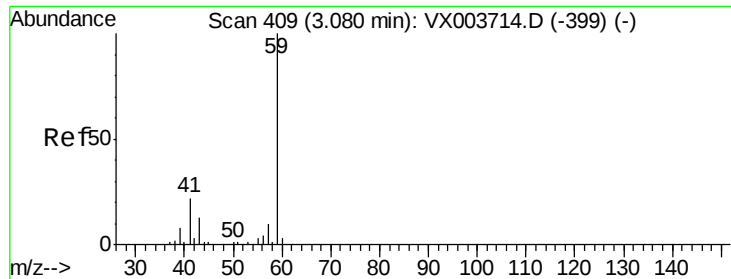


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

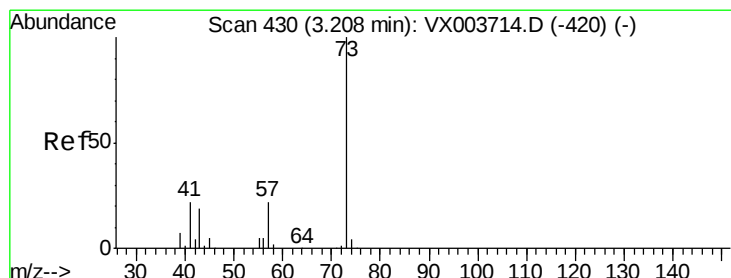
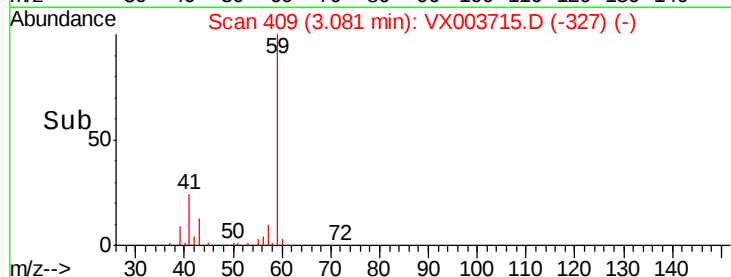
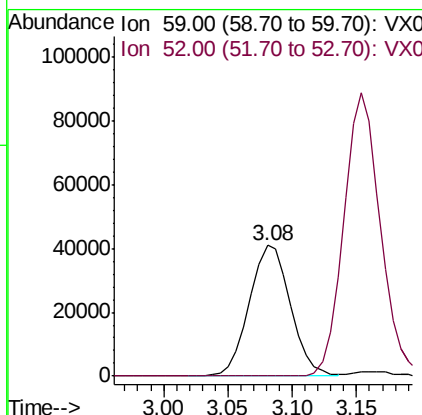
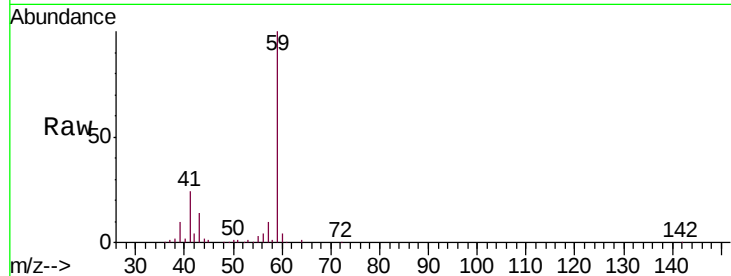




#23
 tert-Butyl Alcohol
 Concen: 228.866 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

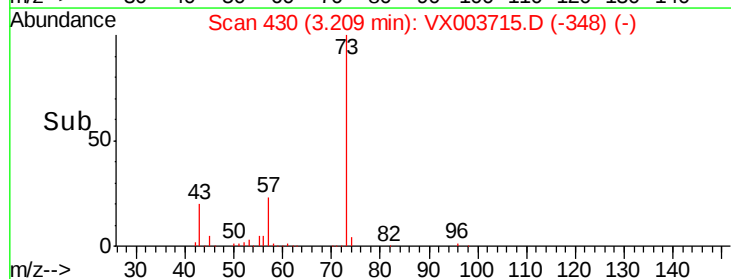
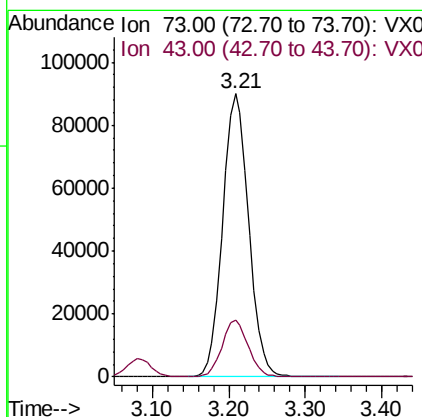
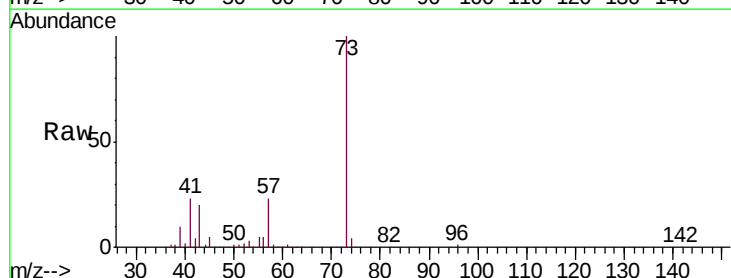
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

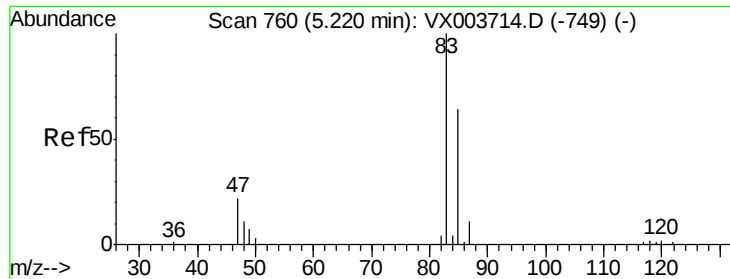
Tgt Ion: 59 Resp: 90696
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#



#24
 Methyl tert-Butyl Ether
 Concen: 45.480 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Tgt Ion: 73 Resp: 211061
 Ion Ratio Lower Upper
 73 100
 43 19.9 19.0 28.4

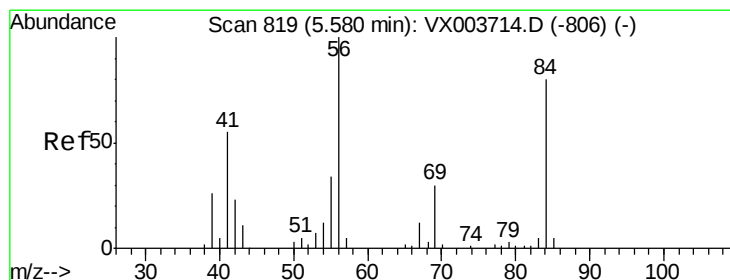
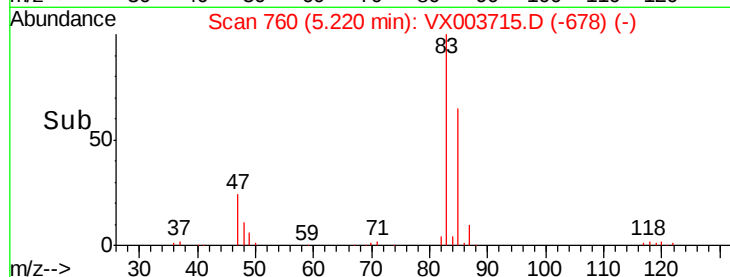
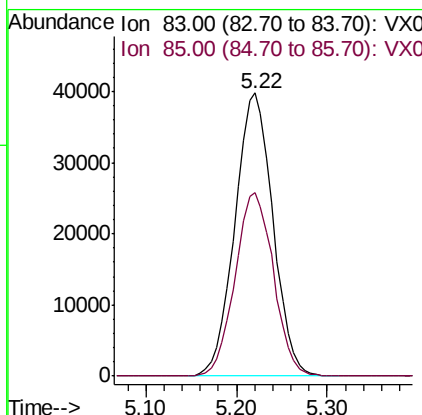
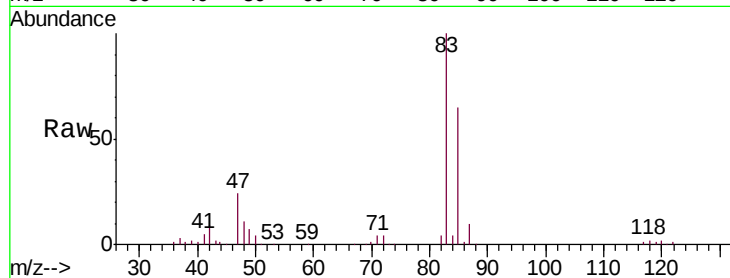




#25
Chloroform
Concen: 47.934 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

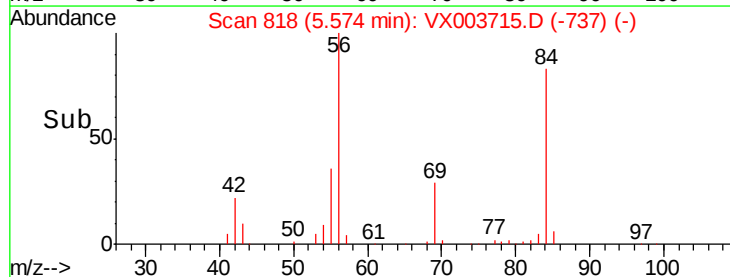
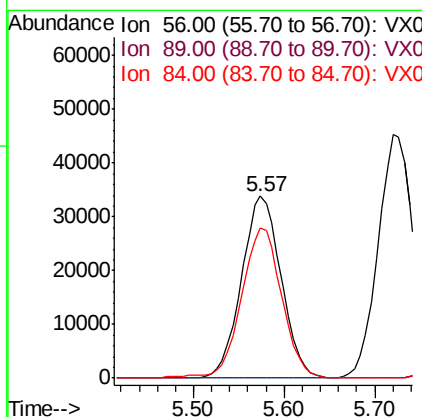
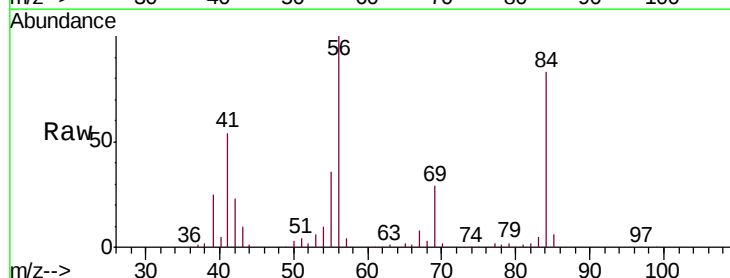
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

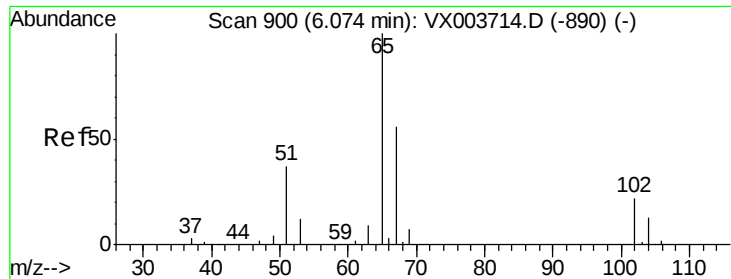
Tgt Ion: 83 Resp: 115572
Ion Ratio Lower Upper
83 100
85 64.8 51.9 77.9



#26
Cyclohexane
Concen: 48.906 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Tgt Ion: 56 Resp: 102288
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 82.8 64.9 97.3

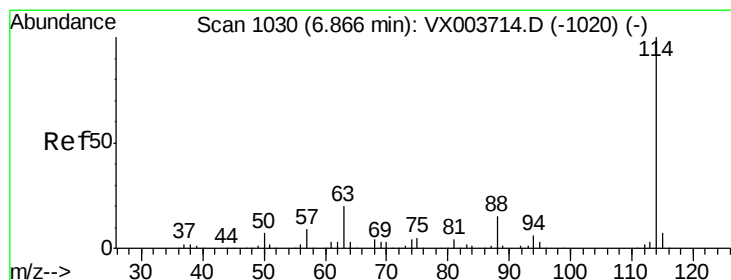
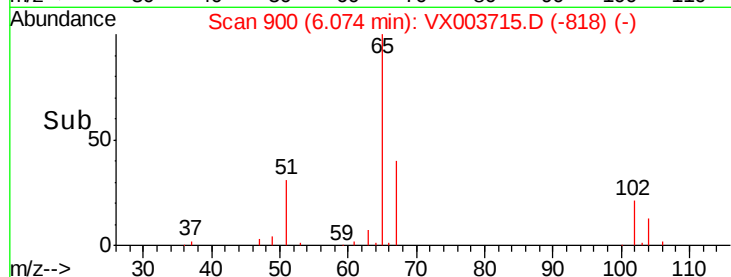
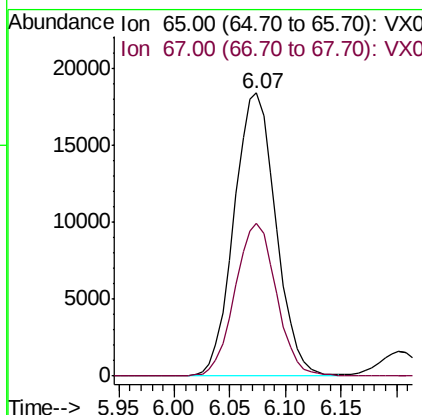
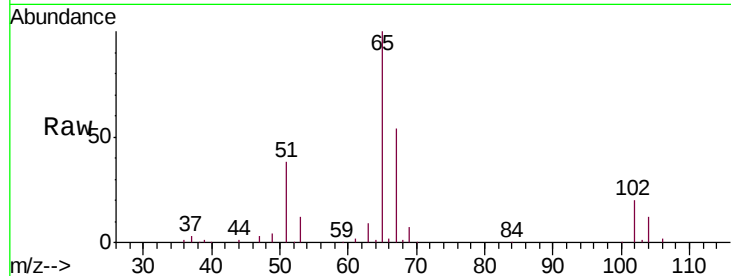




#27
 1,2-Dichloroethane-d4
 Concen: 29.030 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

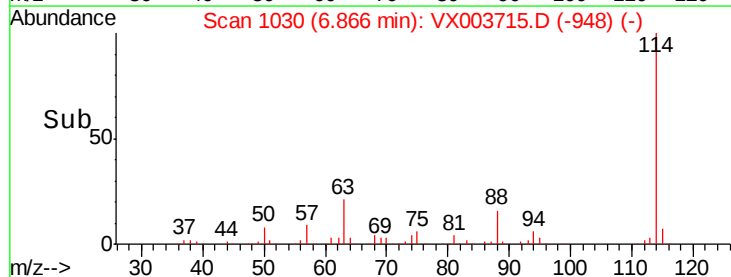
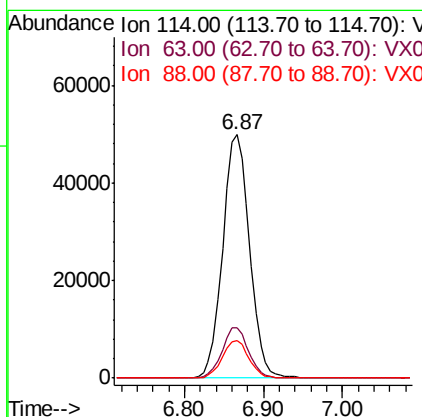
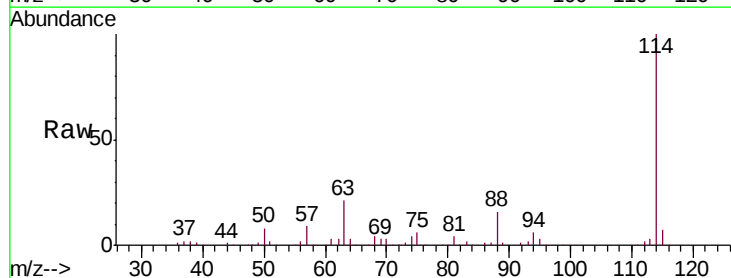
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

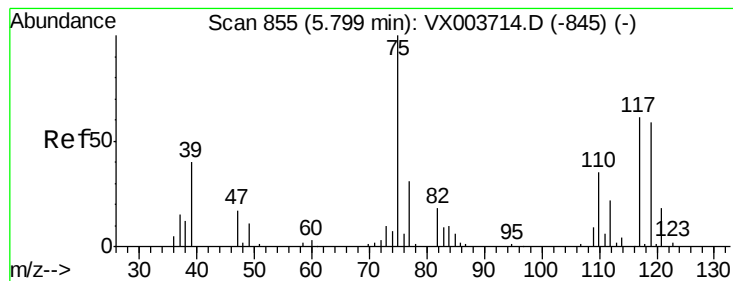
Tgt Ion: 65 Resp: 48101
 Ion Ratio Lower Upper
 65 100
 67 53.3 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Tgt Ion: 114 Resp: 118315
 Ion Ratio Lower Upper
 114 100
 63 20.5 17.1 25.7
 88 15.4 12.6 19.0





#29

1,1-Dichloropropene

Concen: 49.178 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

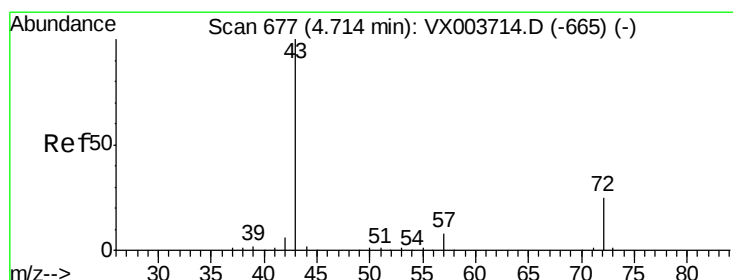
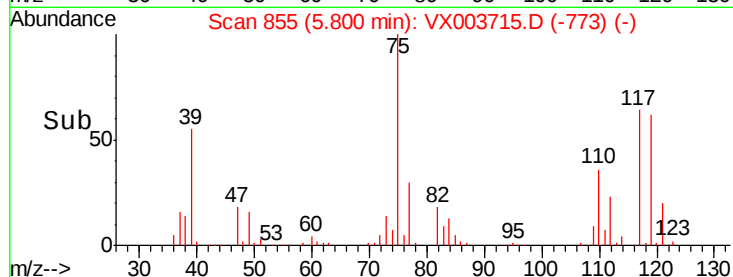
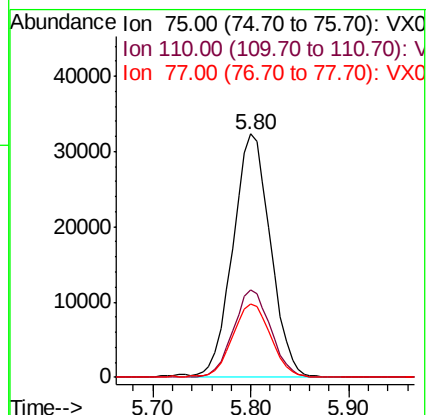
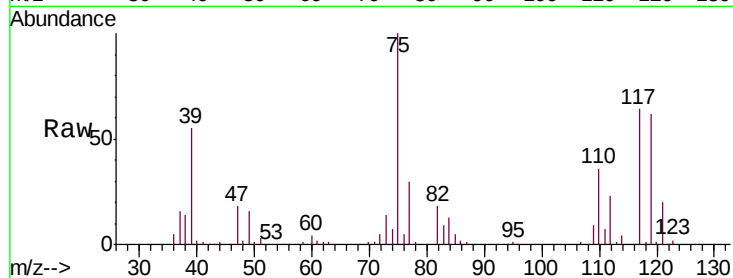
Tgt Ion: 75 Resp: 85923

Ion Ratio Lower Upper

75 100

110 35.8 0.0 71.4

77 30.8 0.0 60.6



#30

2-Butanone

Concen: 246.638 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

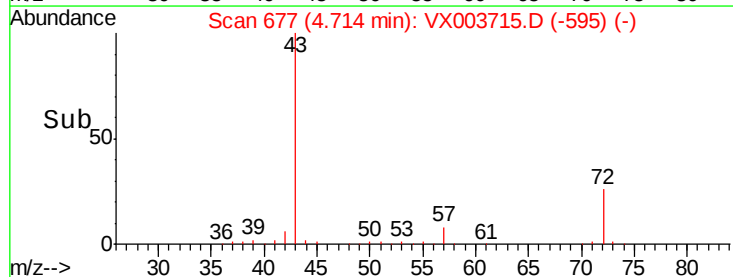
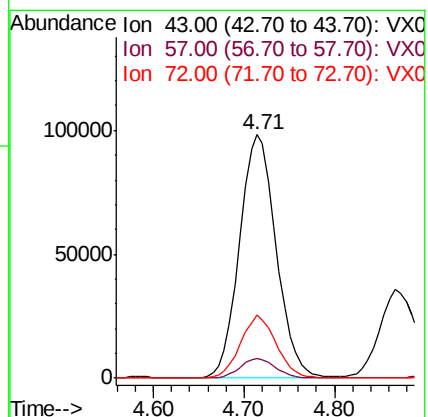
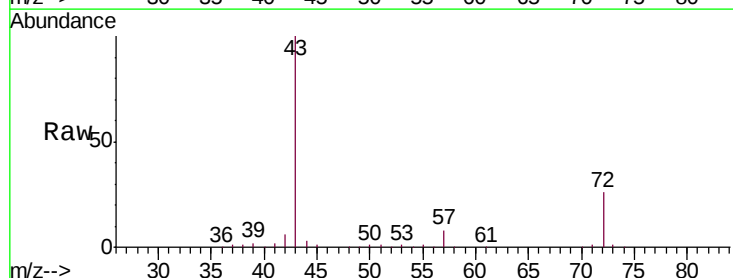
Tgt Ion: 43 Resp: 275186

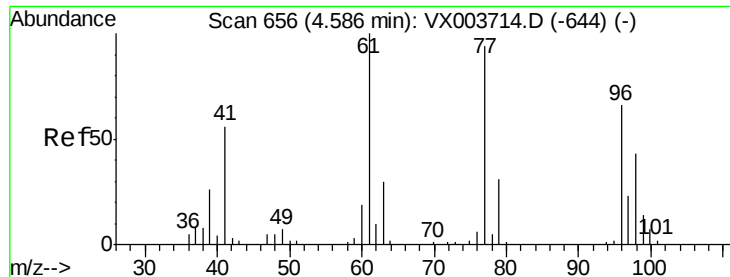
Ion Ratio Lower Upper

43 100

57 7.9 6.1 9.1

72 25.1 18.1 27.1

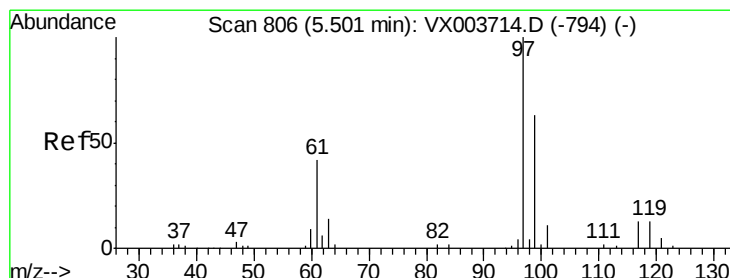
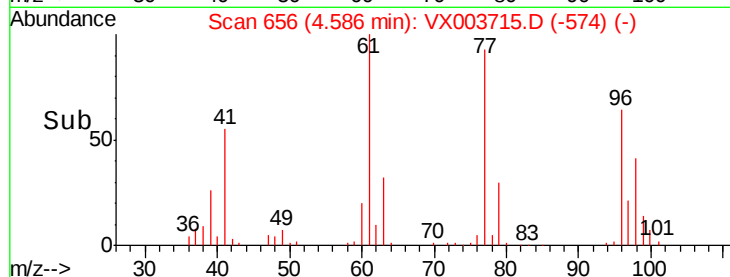
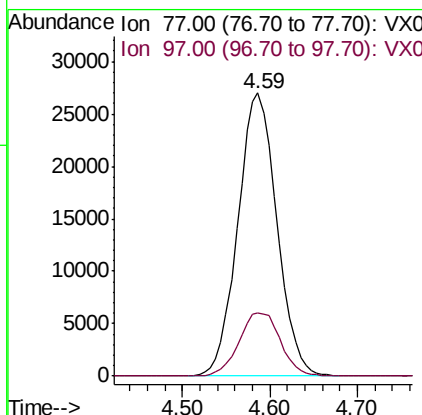
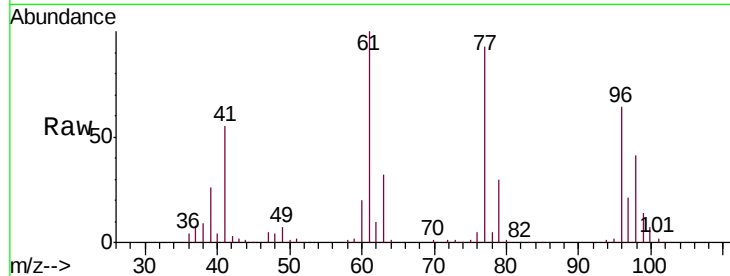




#31
 2,2-Dichloropropane
 Concen: 49.369 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

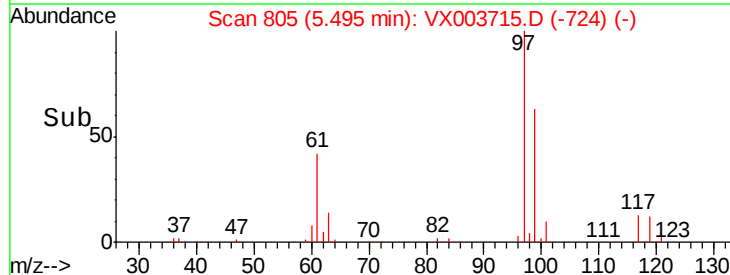
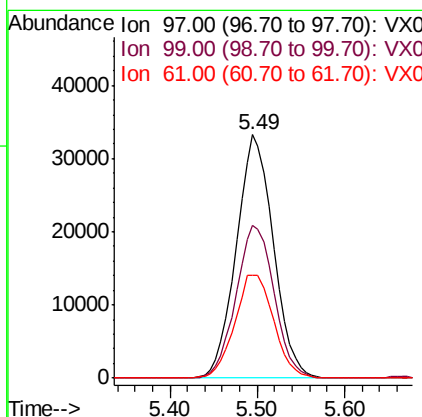
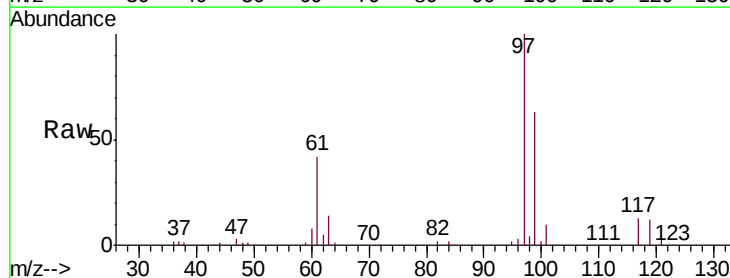
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

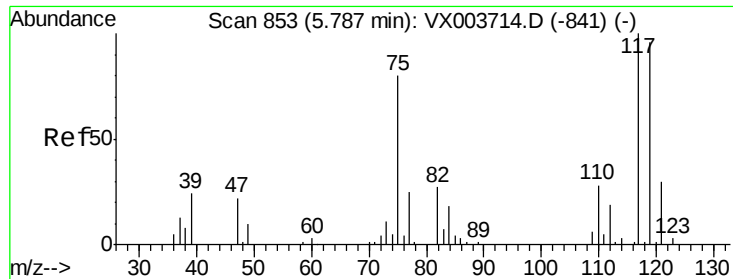
Tgt Ion: 77 Resp: 83551
 Ion Ratio Lower Upper
 77 100
 97 23.8 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 49.100 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Tgt Ion: 97 Resp: 98152
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.7 77.5
 61 44.7 36.4 54.6

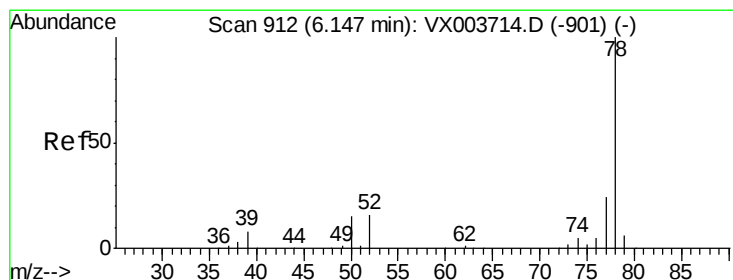
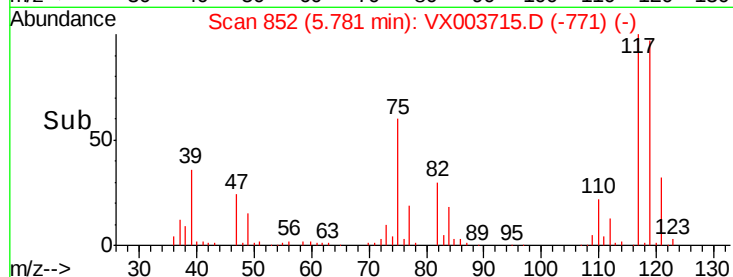
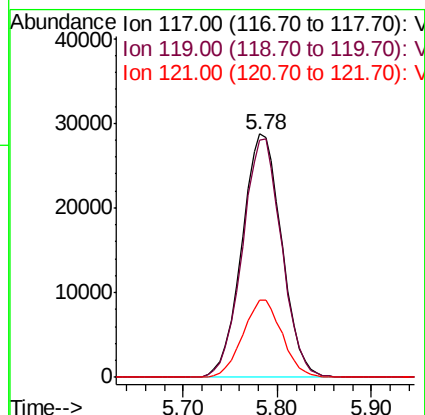
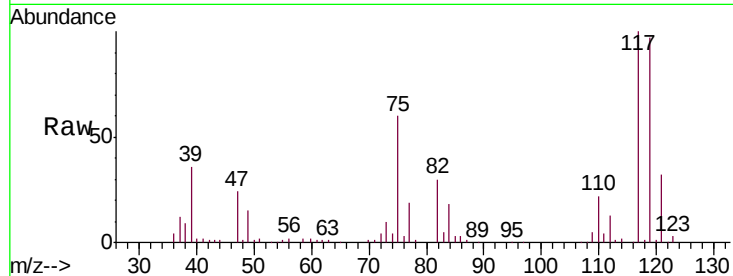




#33
Carbon Tetrachloride
Concen: 48.870 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

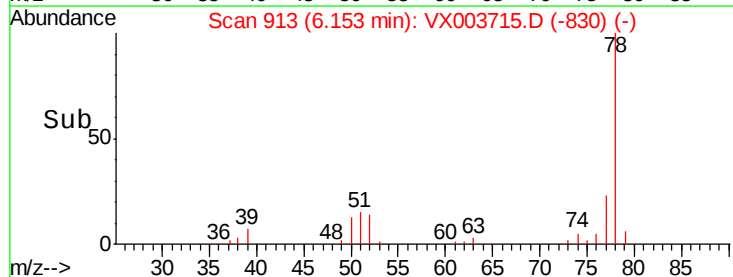
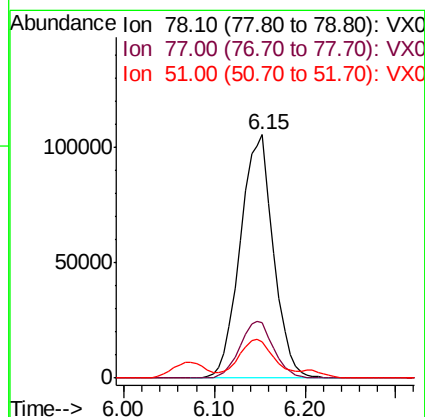
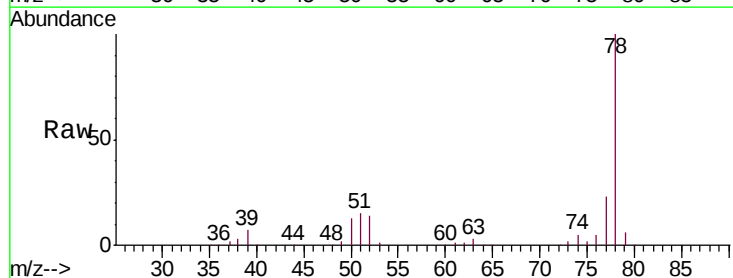
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

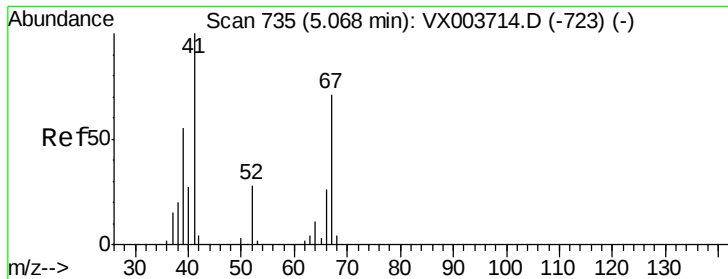
Tgt Ion: 117 Resp: 84892
Ion Ratio Lower Upper
117 100
119 97.4 73.3 109.9
121 31.8 23.6 35.4



#34
Benzene
Concen: 49.857 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Tgt Ion: 78 Resp: 267621
Ion Ratio Lower Upper
78 100
77 23.0 19.4 29.0
51 14.5 13.8 20.6

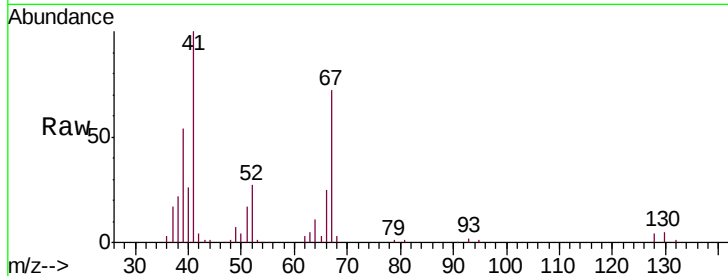




#35
Methacrylonitrile
Concen: 49.029 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:	41	Resp:	56848
Ion	Ratio	Lower	Upper
41	100		
39	54.1	28.8	86.5
67	71.7	30.4	91.2
52	26.8	13.0	39.0



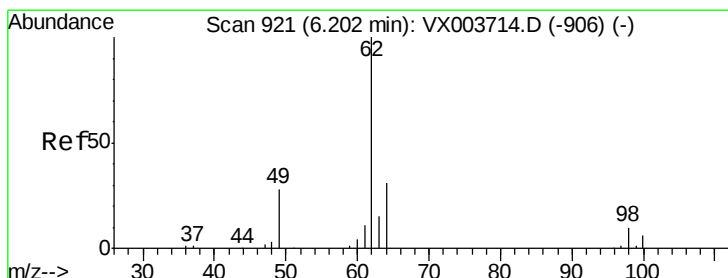
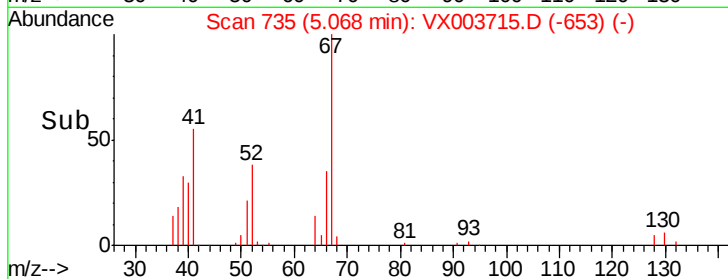
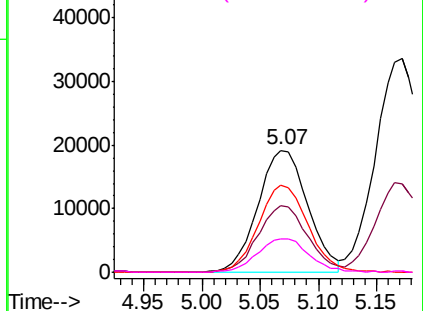
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

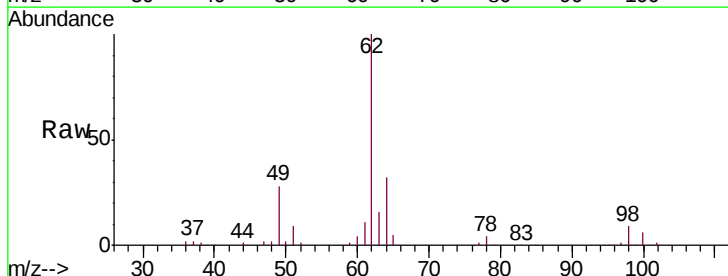
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36
1,2-Dichloroethane
Concen: 48.339 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

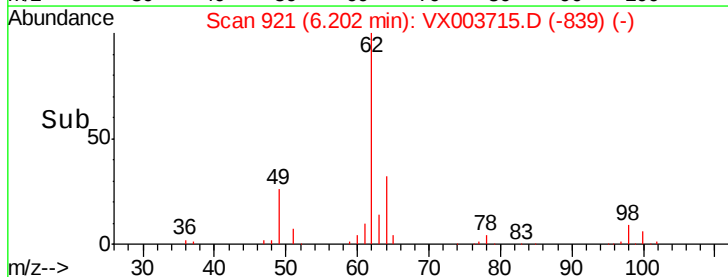
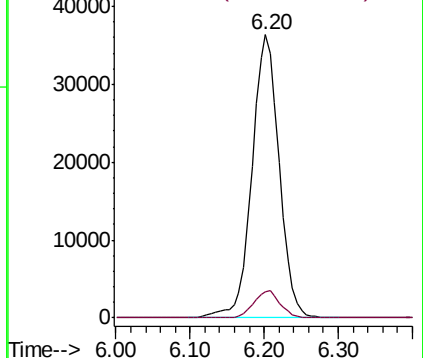
Tgt Ion:	62	Resp:	93265
Ion	Ratio	Lower	Upper
62	100		
98	9.2	6.5	9.7

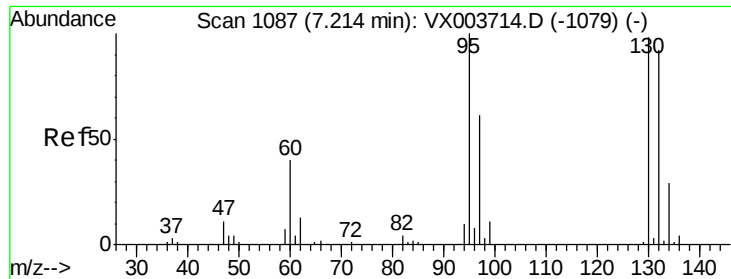


Abundance

Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

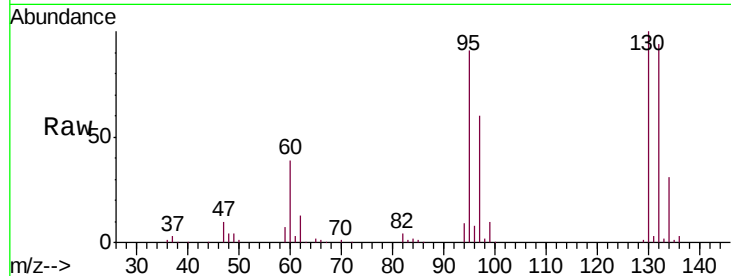




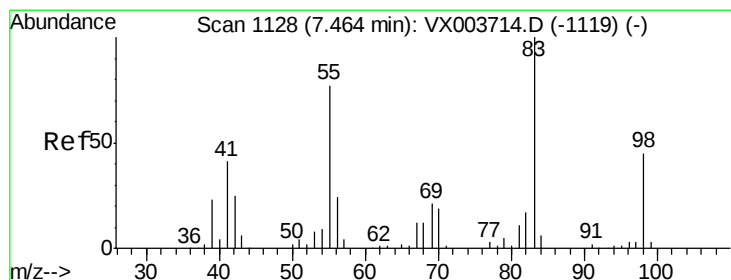
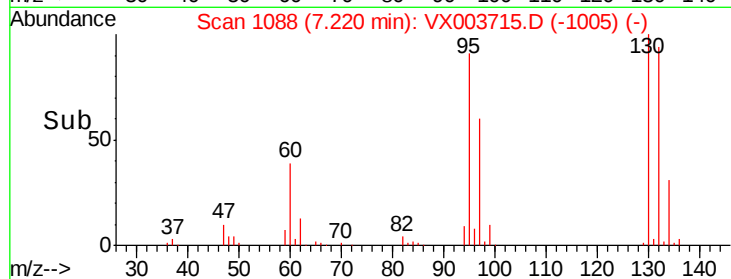
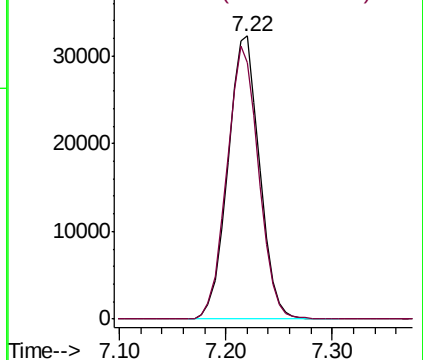
#37
 Trichloroethene
 Concen: 48.165 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion: 130 Resp: 67388
 Ion Ratio Lower Upper
 130 100
 95 90.8 81.5 122.3

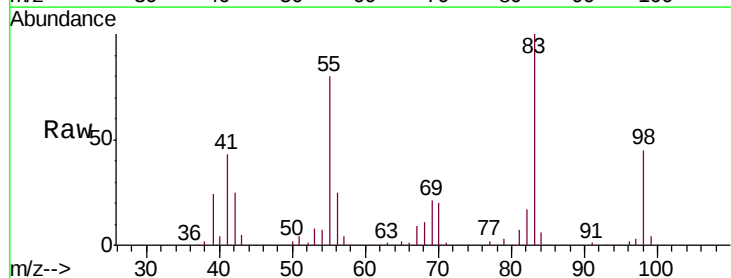


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

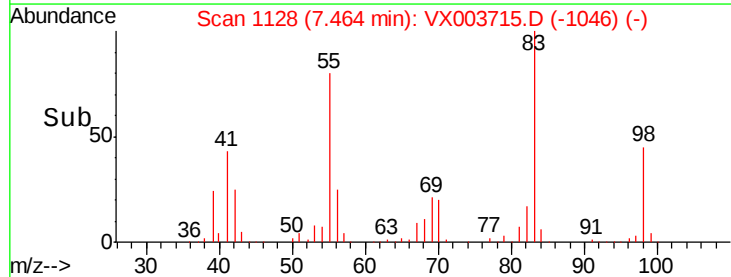
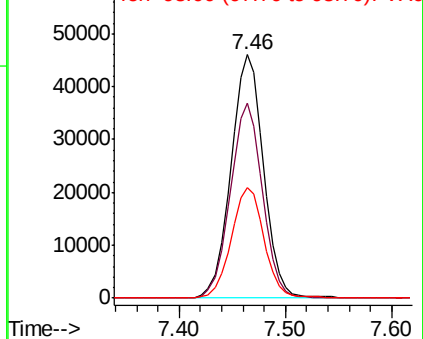


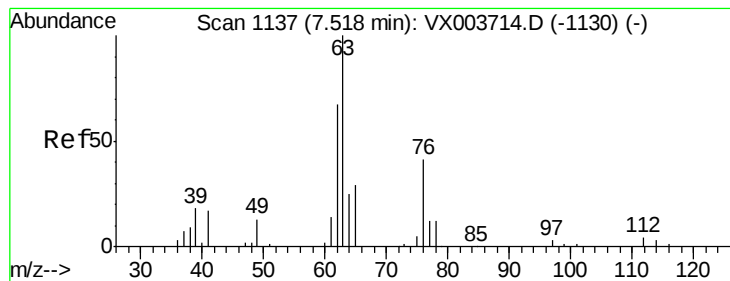
#38
 Methylcyclohexane
 Concen: 49.522 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Tgt Ion: 83 Resp: 98318
 Ion Ratio Lower Upper
 83 100
 55 79.1 40.6 121.8
 98 45.9 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: 49.199 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

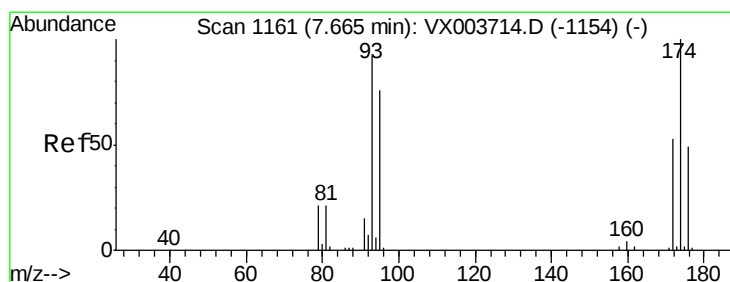
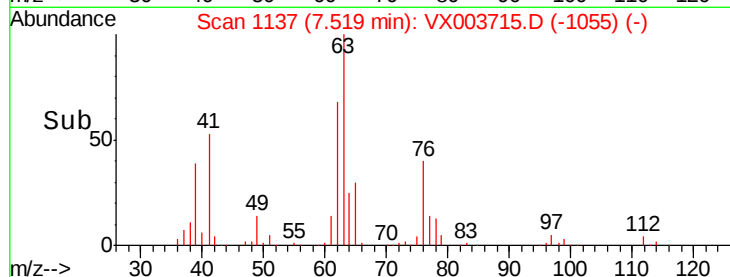
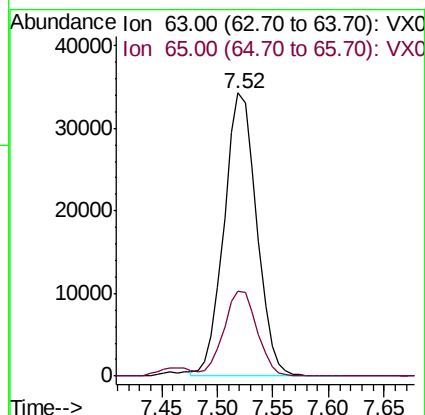
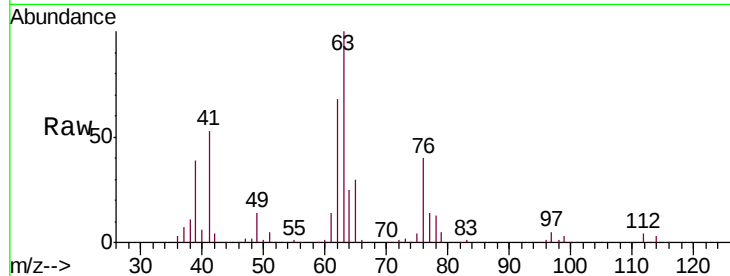
VSTDIC050

Tgt Ion: 63 Resp: 69793

Ion Ratio Lower Upper

63 100

65 30.2 23.3 34.9



#40

Dibromomethane

Concen: 48.270 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

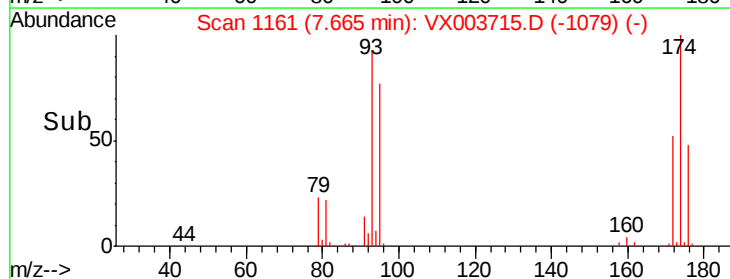
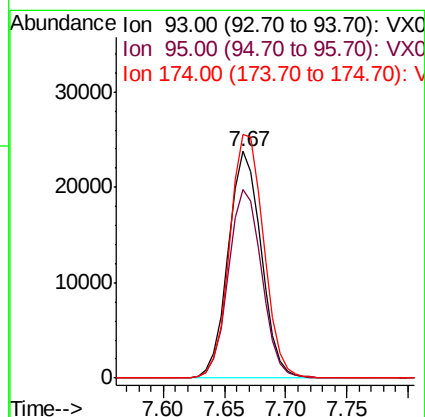
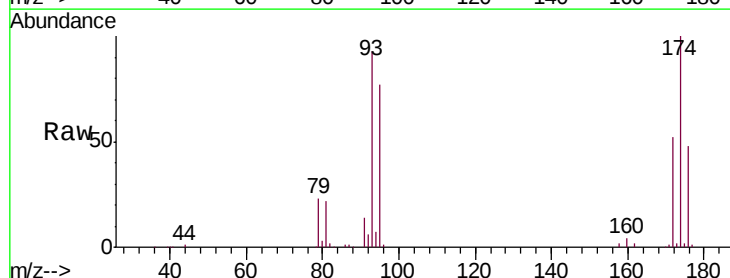
Tgt Ion: 93 Resp: 44312

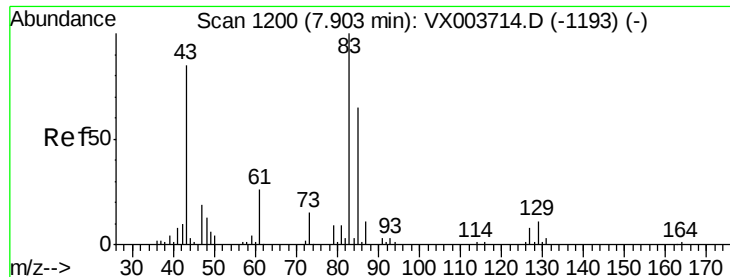
Ion Ratio Lower Upper

93 100

95 84.1 0.0 162.6

174 110.6 0.0 229.4





#41

Bromodichloromethane

Concen: 48.547 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

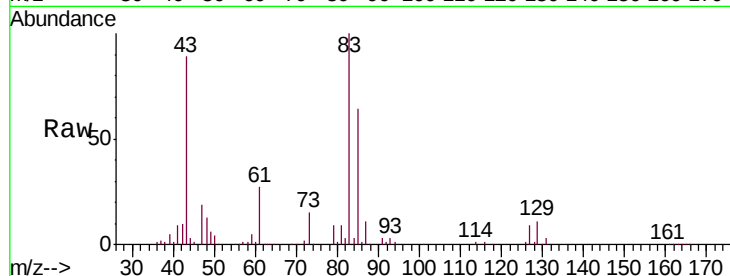
Tgt Ion: 83 Resp: 85146

Ion Ratio Lower Upper

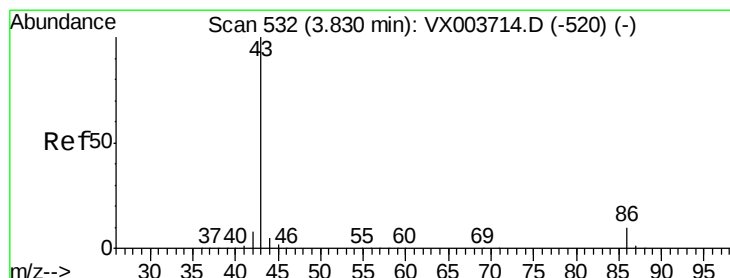
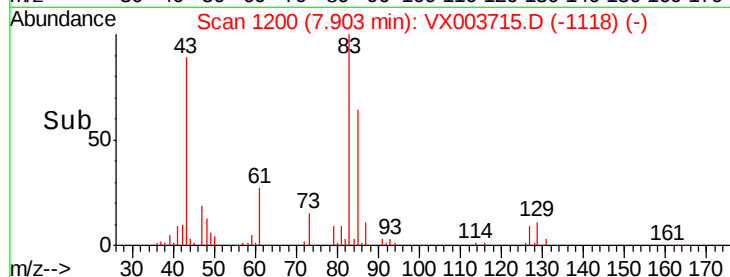
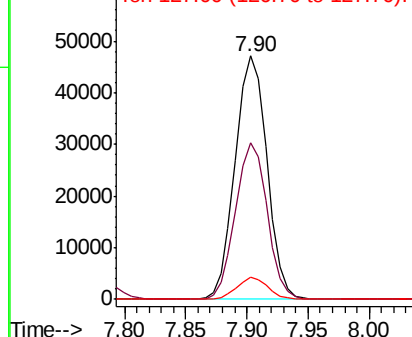
83 100

85 64.1 49.8 74.8

127 9.2 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: 234.579 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003715.D

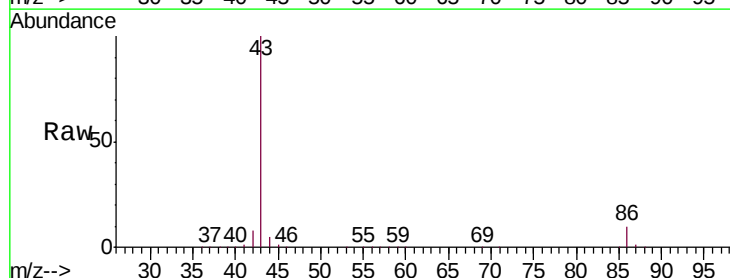
Acq: 27 Jul 2018 14:24

Tgt Ion: 43 Resp: 1005698

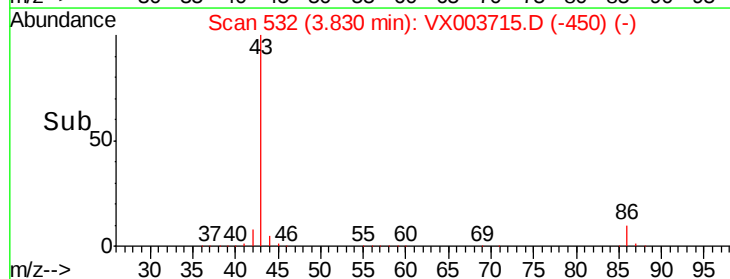
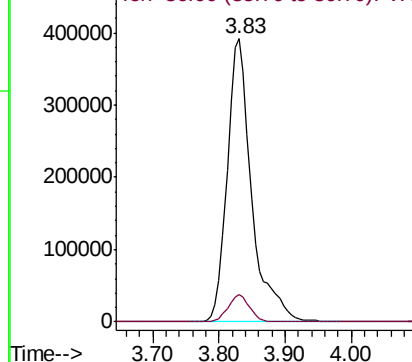
Ion Ratio Lower Upper

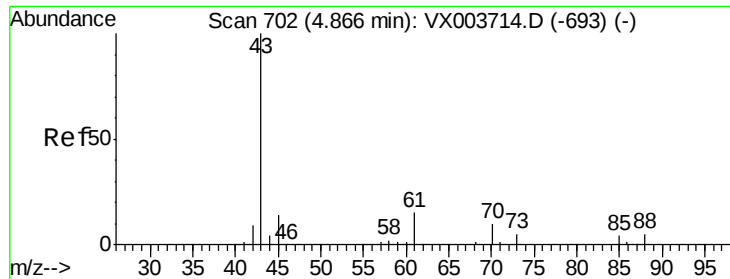
43 100

86 8.5 6.7 10.1



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

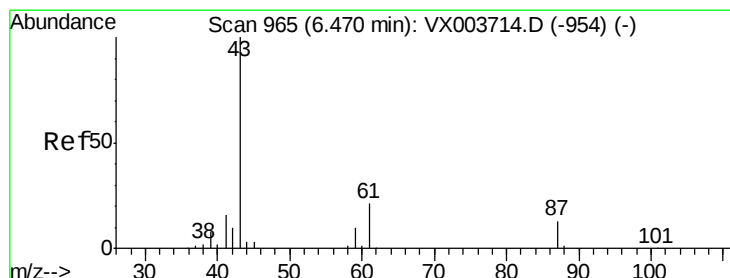
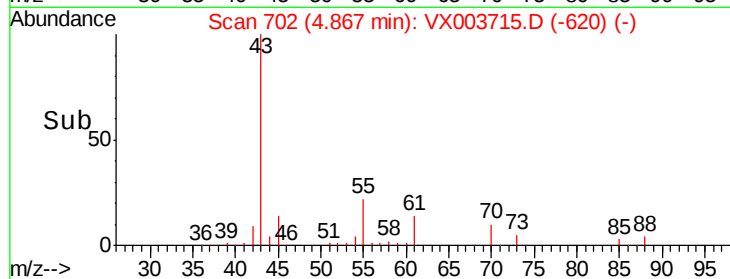
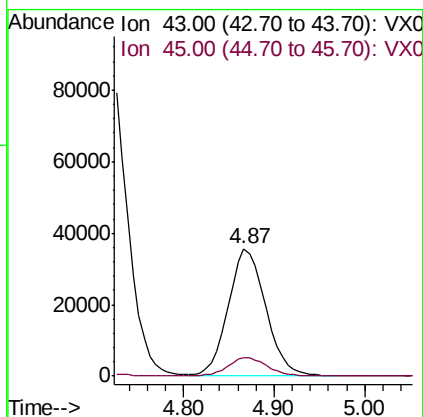
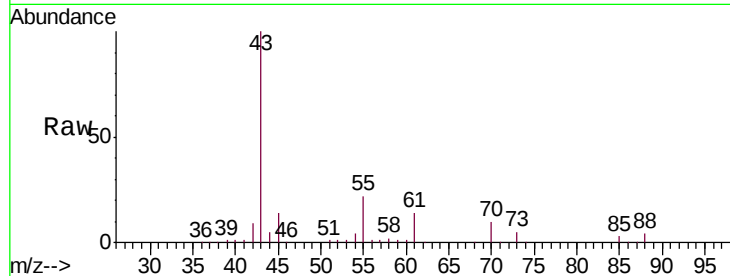




#43
Ethyl Acetate
Concen: 48.879 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

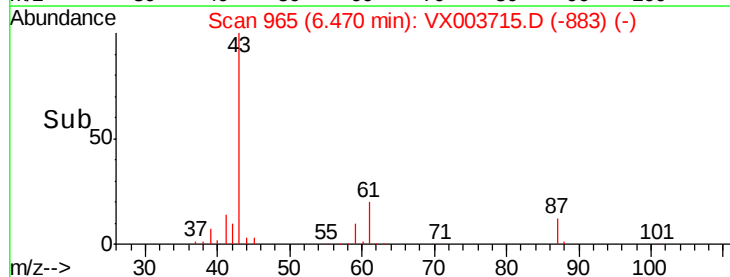
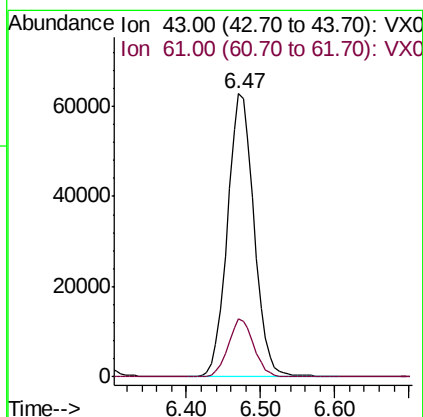
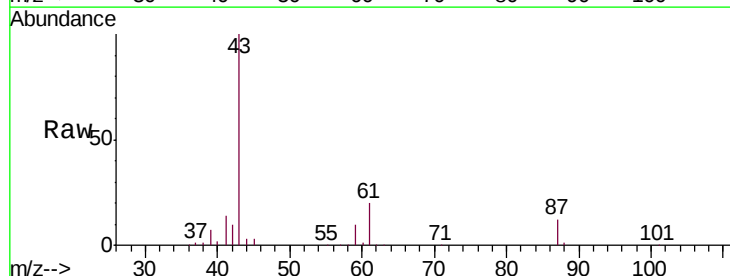
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

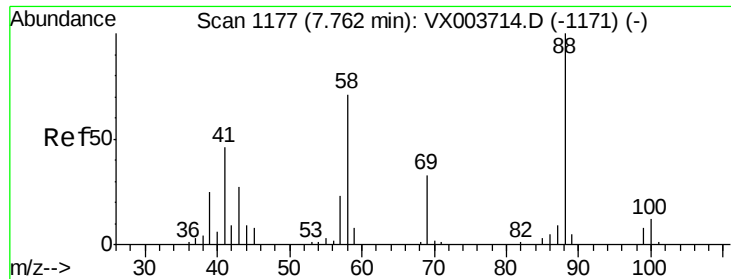
Tgt Ion: 43 Resp: 101869
Ion Ratio Lower Upper
43 100
45 15.4 11.0 16.4



#44
Isopropyl Acetate
Concen: 49.171 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Tgt Ion: 43 Resp: 157179
Ion Ratio Lower Upper
43 100
61 19.8 14.5 21.7

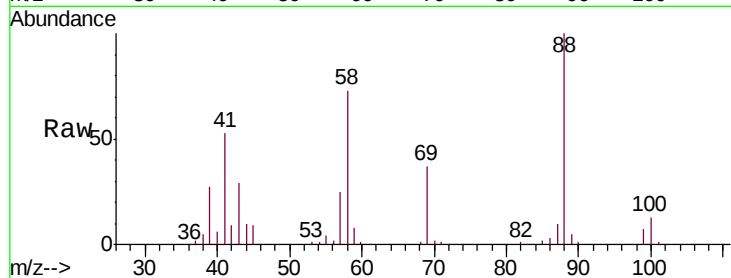




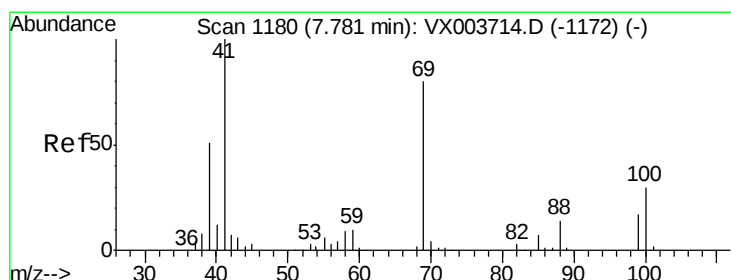
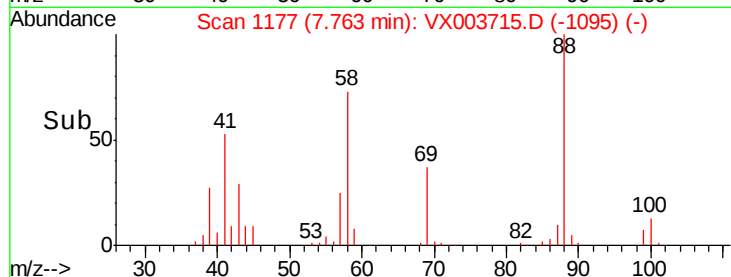
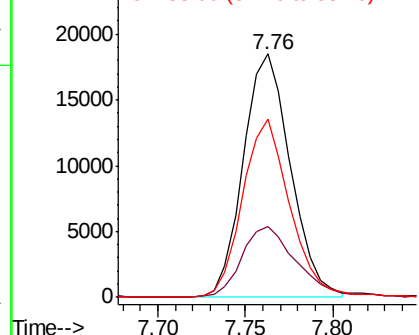
#45
 1,4-Dioxane
 Concen: 978.494 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion: 88 Resp: 34737
 Ion Ratio Lower Upper
 88 100
 43 34.0 43.2 64.8#
 58 73.9 60.2 90.2

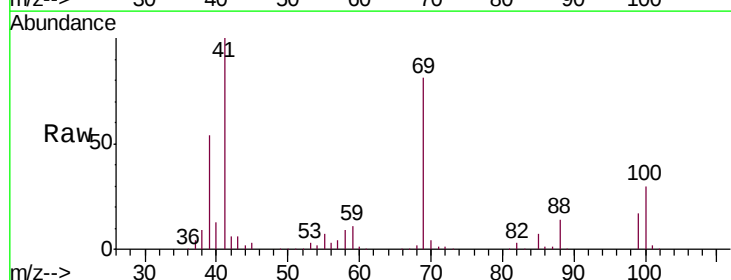


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

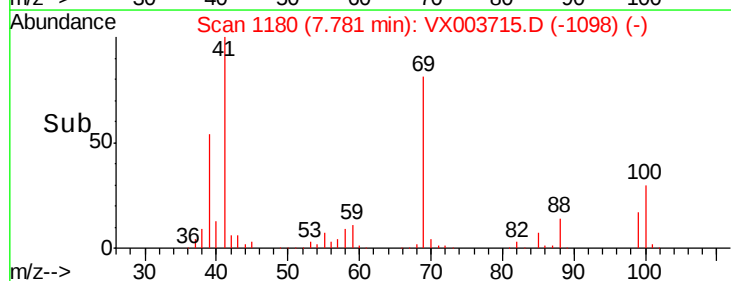
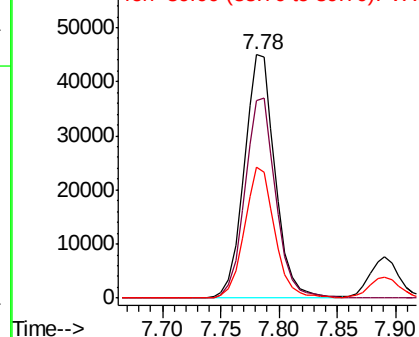


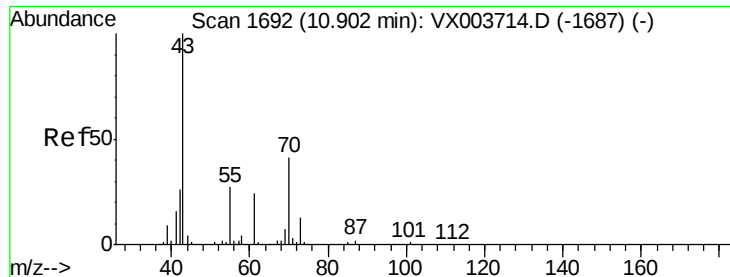
#46
 Methyl methacrylate
 Concen: 50.476 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Tgt Ion: 41 Resp: 83243
 Ion Ratio Lower Upper
 41 100
 69 81.1 37.0 110.9
 39 53.8 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

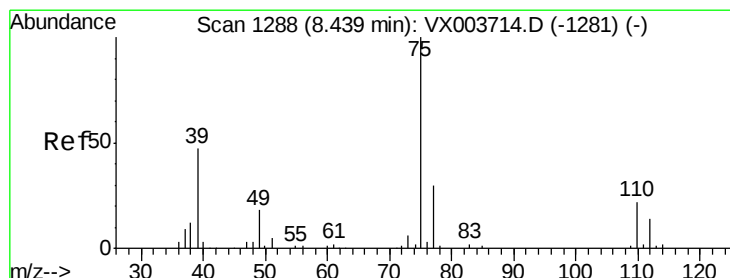
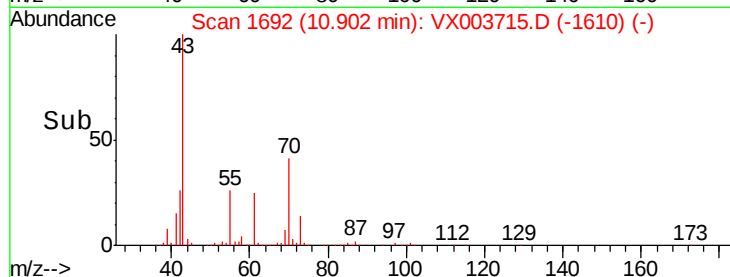
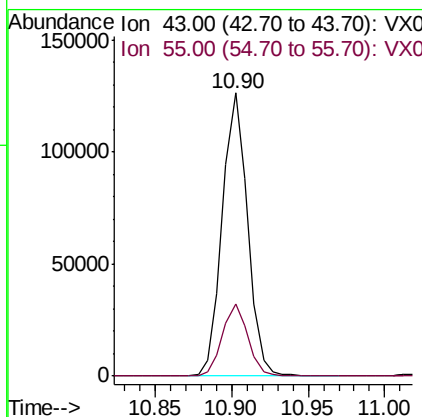
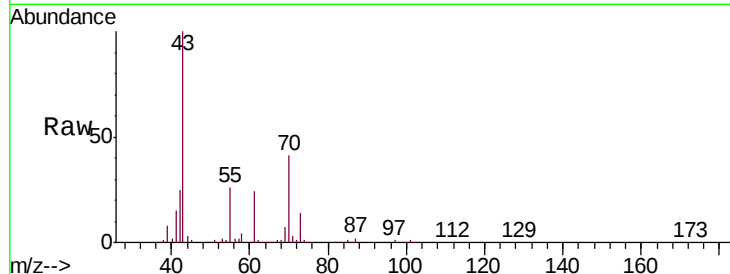




#47
n-amyl Acetate
Concen: 47.923 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

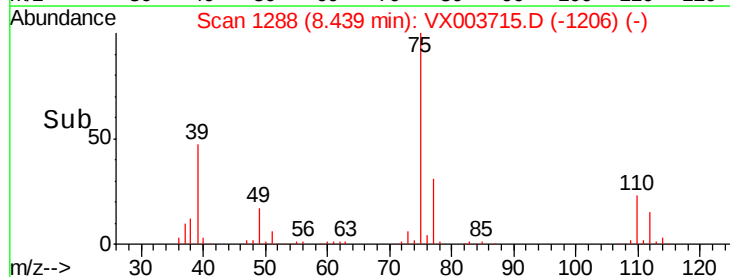
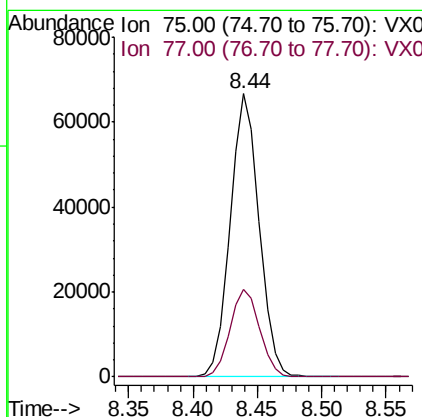
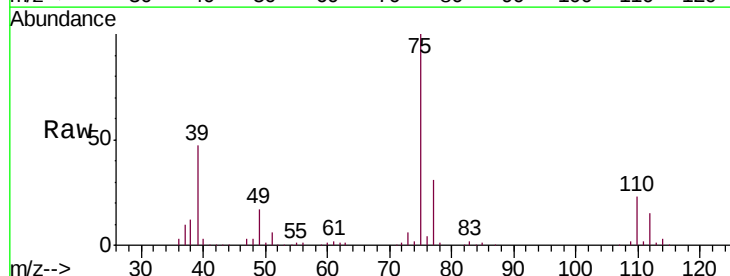
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

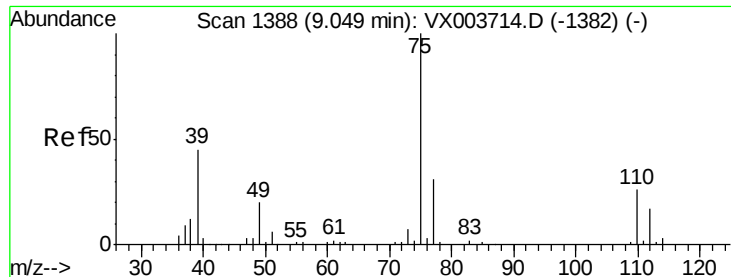
Tgt Ion: 43 Resp: 144631
Ion Ratio Lower Upper
43 100
55 25.8 0.1 0.1#



#48
t-1,3-Dichloropropene
Concen: 49.130 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Tgt Ion: 75 Resp: 104558
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4



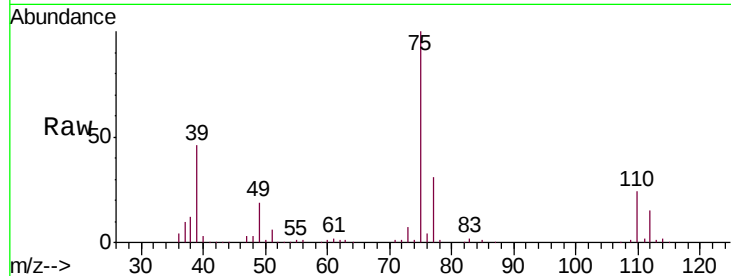


#49

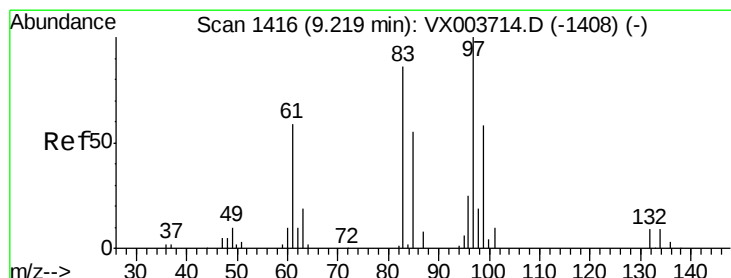
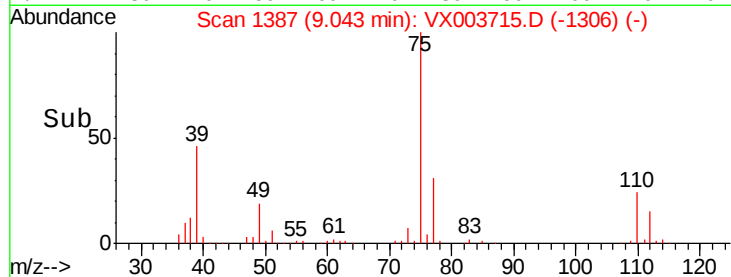
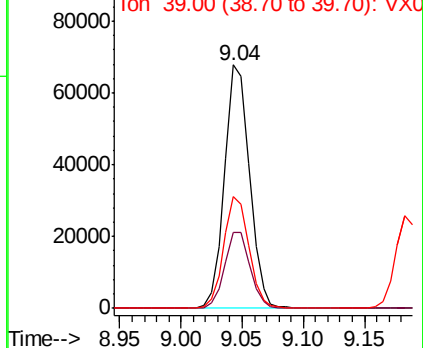
cis-1,3-Dichloropropene
 Concen: 48.164 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion: 75 Resp: 96174
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2
 39 46.0 42.3 63.5



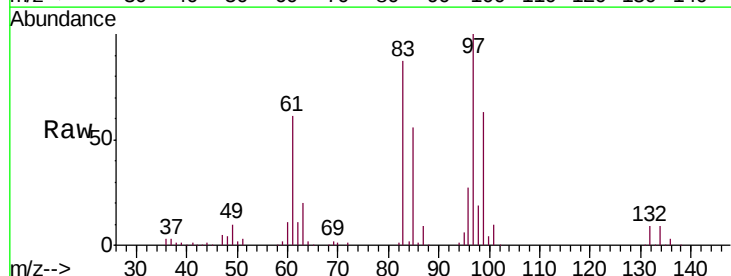
Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0



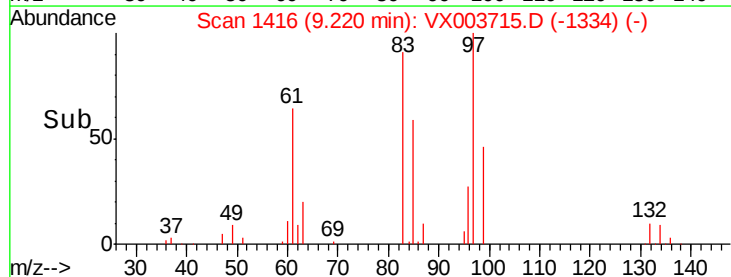
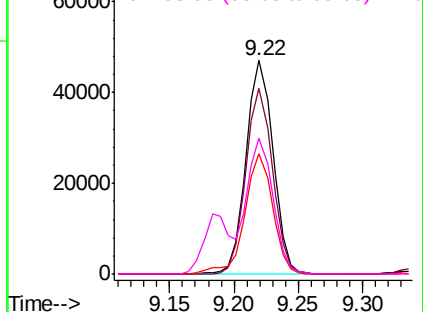
#50

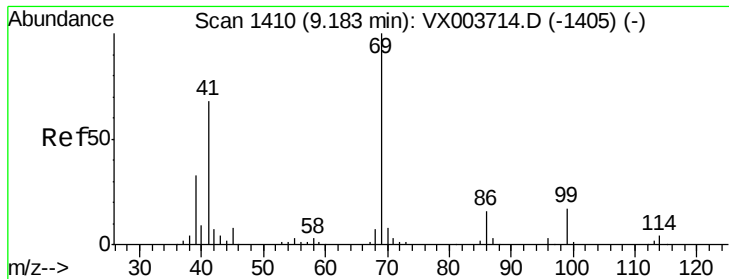
1,1,2-Trichloroethane
 Concen: 46.903 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Tgt Ion: 97 Resp: 68351
 Ion Ratio Lower Upper
 97 100
 83 86.7 70.8 106.2
 85 56.3 43.5 65.3
 99 63.3 50.9 76.3



Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 47.795 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

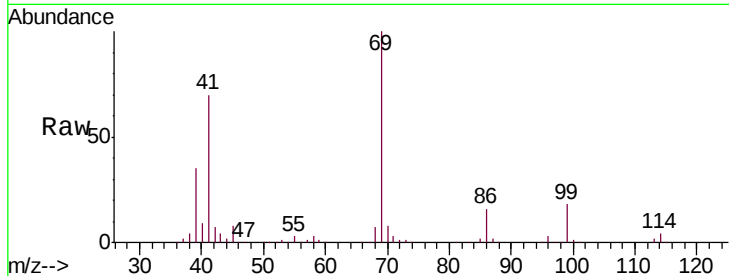
Tgt Ion: 69 Resp: 104877

Ion Ratio Lower Upper

69 100

41 69.7 39.1 117.3

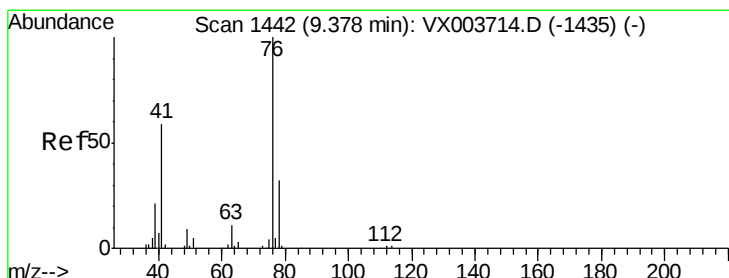
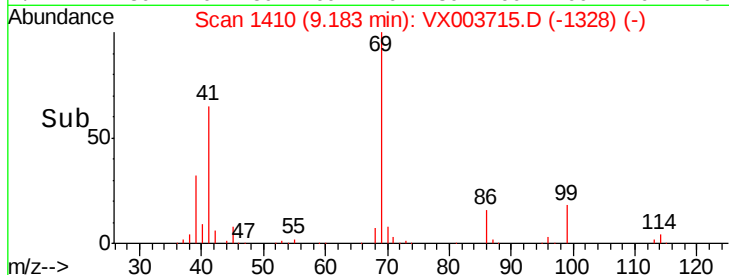
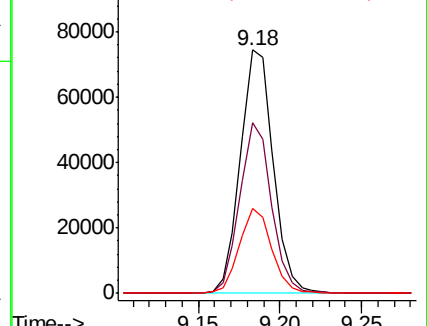
39 34.6 21.7 65.1



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: 46.691 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003715.D

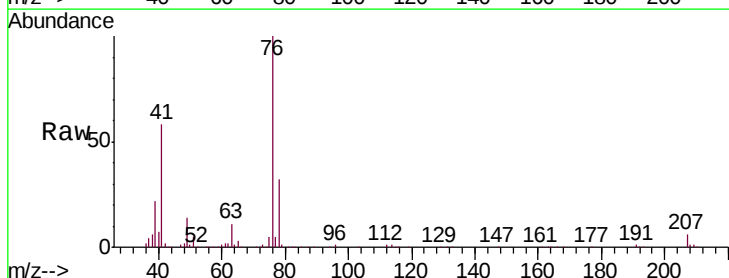
Acq: 27 Jul 2018 14:24

Tgt Ion: 76 Resp: 113235

Ion Ratio Lower Upper

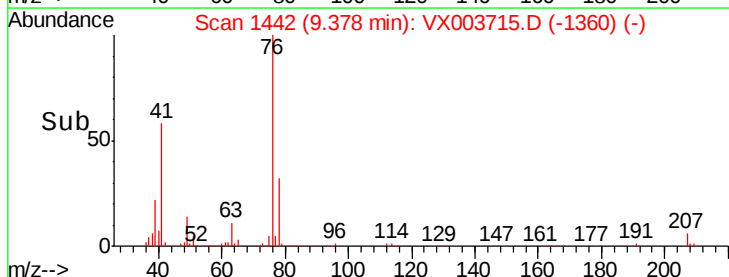
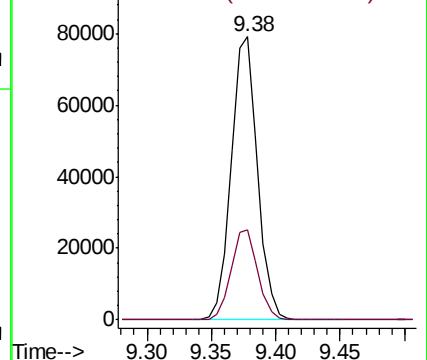
76 100

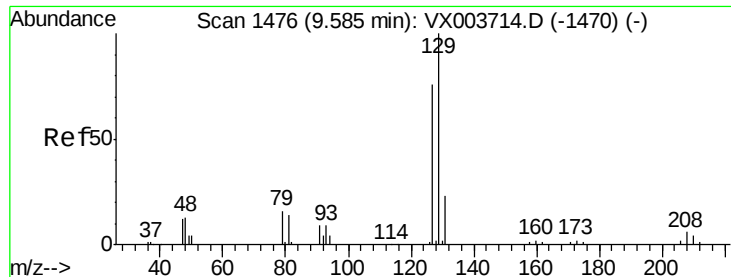
78 32.1 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 47.124 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

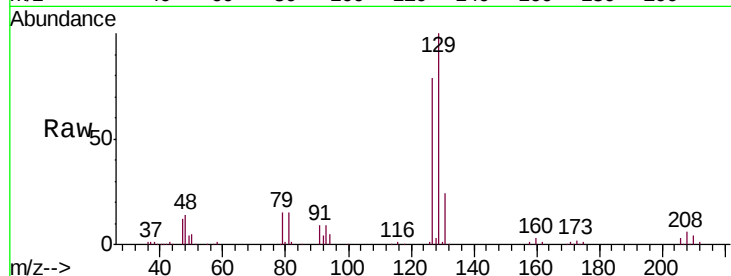
VSTDIC050

Tgt Ion:129 Resp: 67454

Ion Ratio Lower Upper

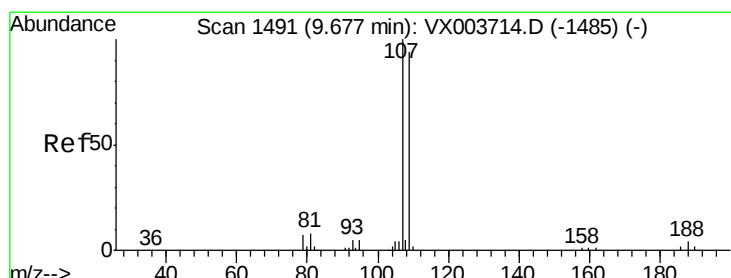
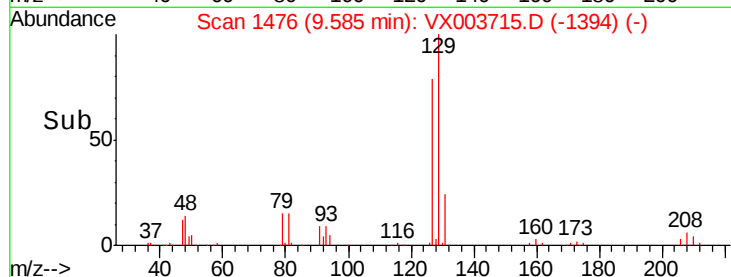
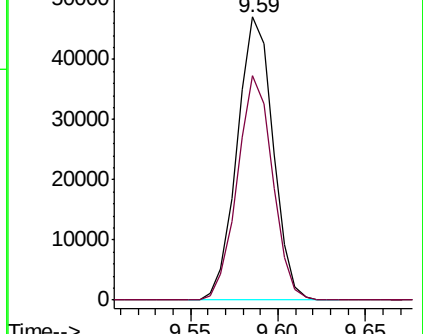
129 100

127 77.7 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 46.265 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003715.D

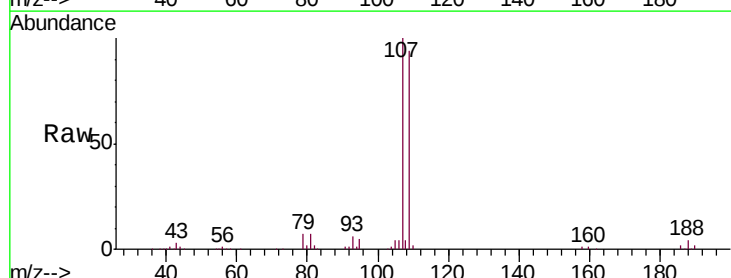
Acq: 27 Jul 2018 14:24

Tgt Ion:107 Resp: 70506

Ion Ratio Lower Upper

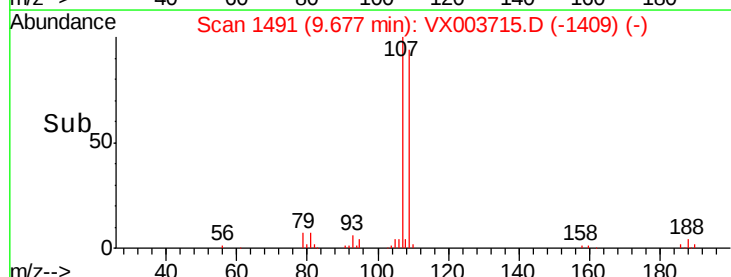
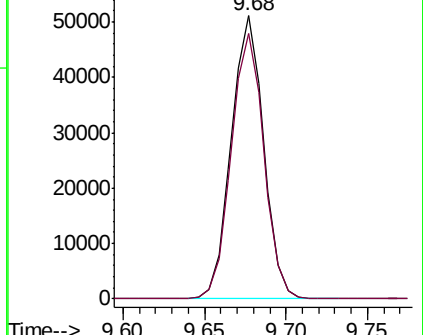
107 100

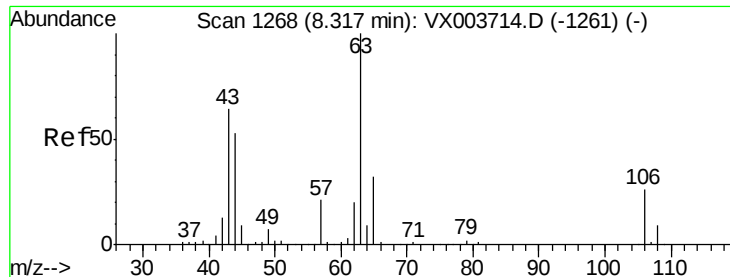
109 94.0 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

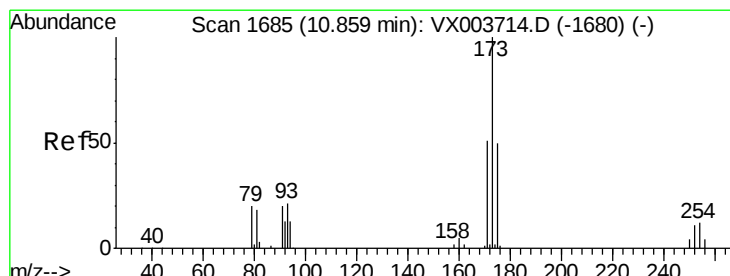
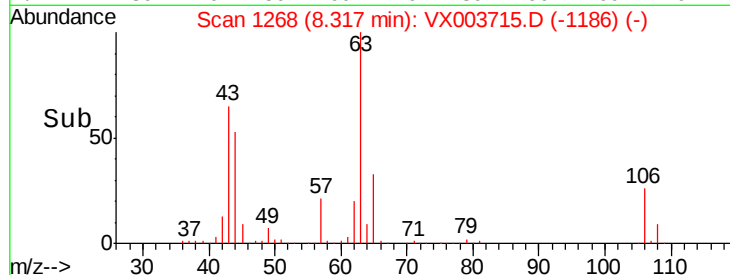
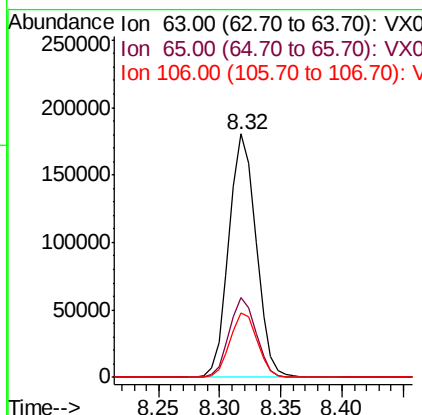
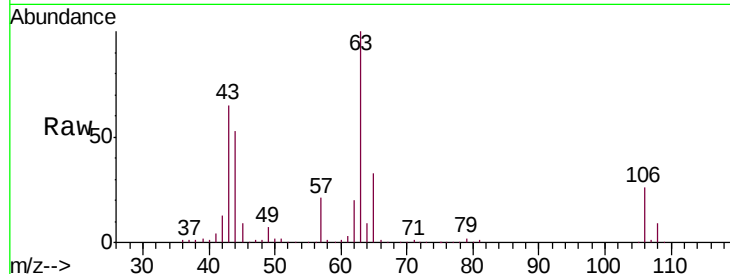




#55
 2-Chloroethyl vinyl ether
 Concen: 245.613 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

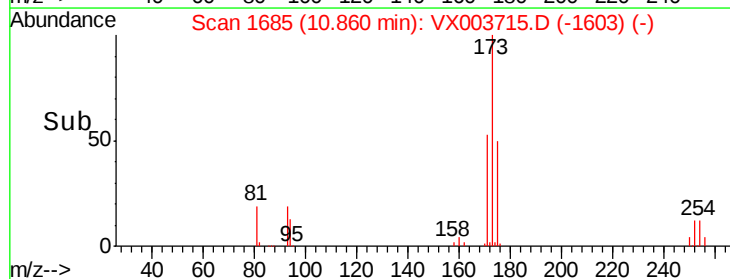
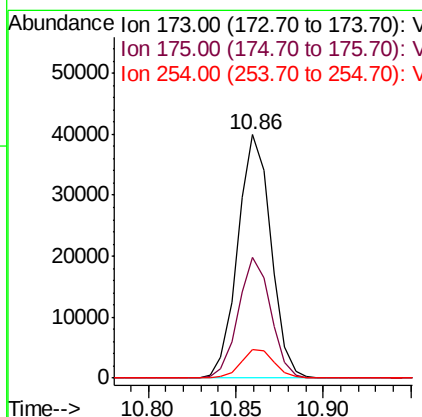
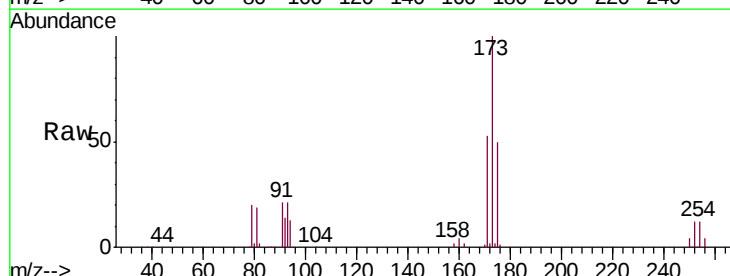
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

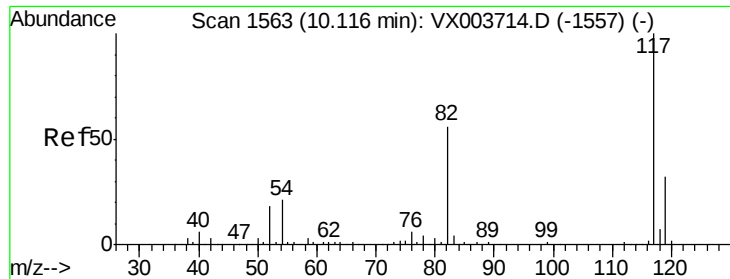
Tgt Ion: 63 Resp: 277977
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.6 38.4
 106 26.7 21.6 32.4



#56
 Bromoform
 Concen: 47.416 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Tgt Ion: 173 Resp: 52672
 Ion Ratio Lower Upper
 173 100
 175 48.5 39.0 58.4
 254 11.9 9.6 14.4

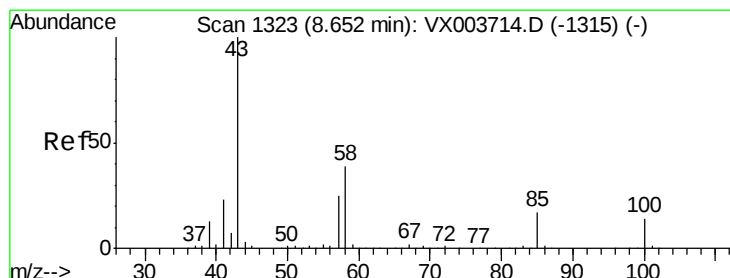
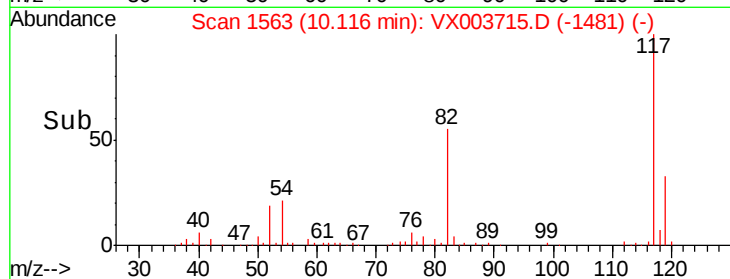
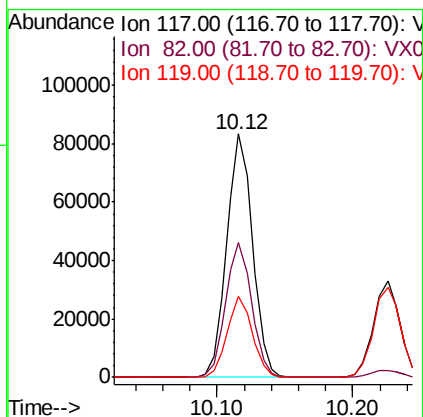
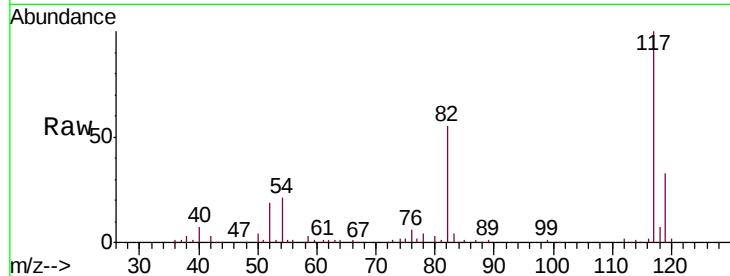




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

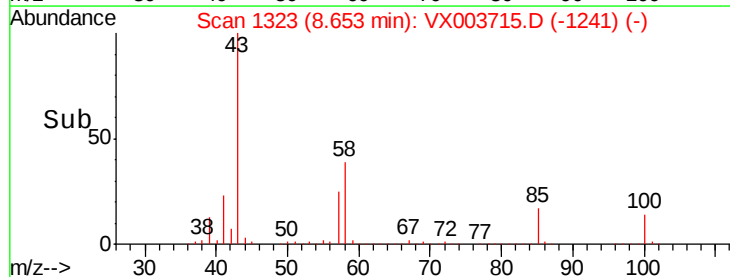
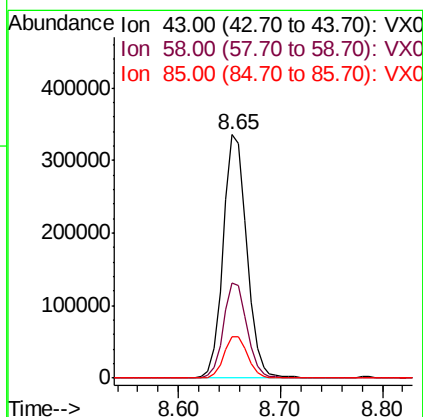
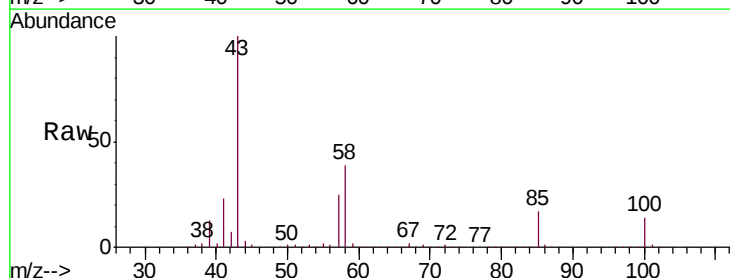
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

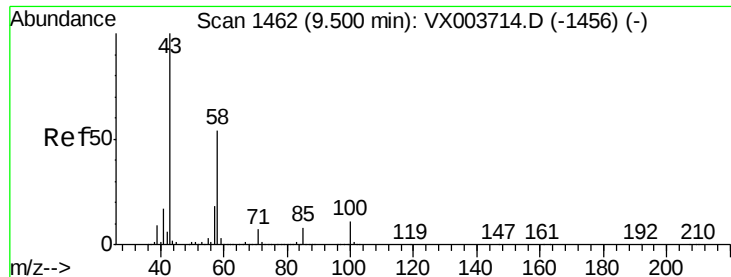
Tgt Ion: 117 Resp: 110305
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.6 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 259.415 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Tgt Ion: 43 Resp: 540306
Ion Ratio Lower Upper
43 100
58 38.8 28.2 42.4
85 17.1 12.4 18.6

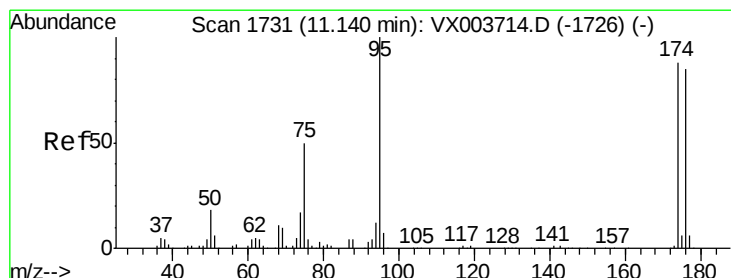
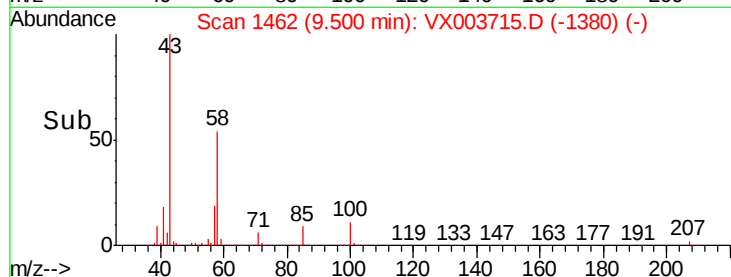
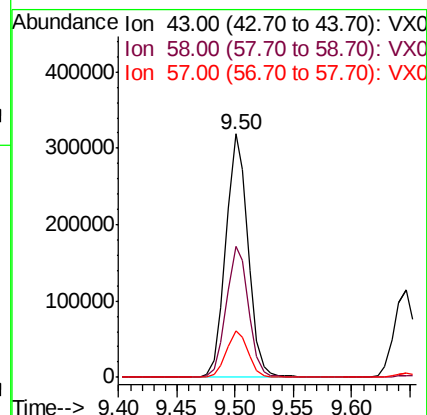
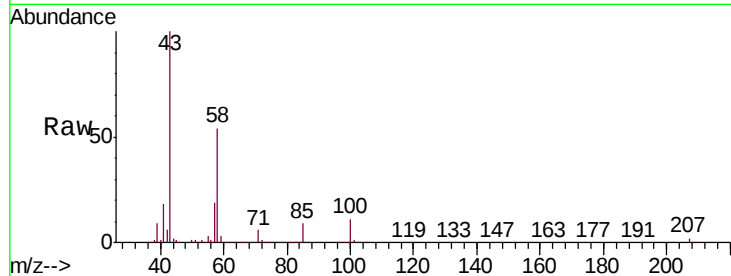




#59
2-Hexanone
Concen: 252.910 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

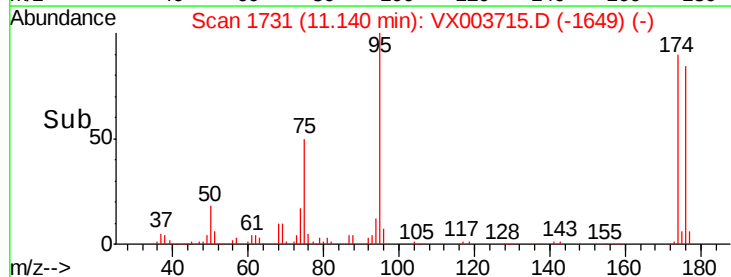
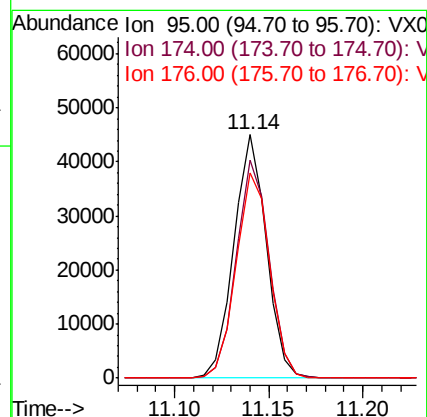
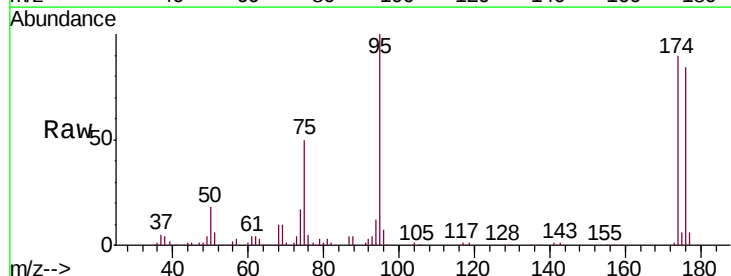
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

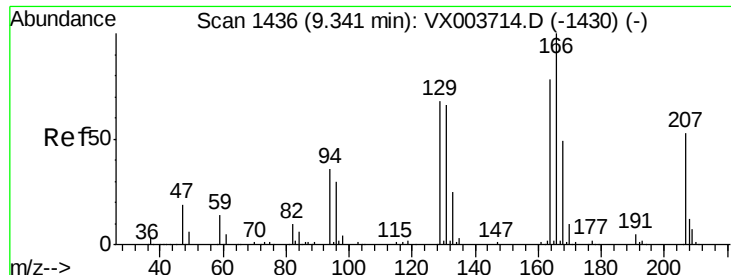
Tgt Ion: 43 Resp: 419424
Ion Ratio Lower Upper
43 100
58 54.0 39.6 59.4
57 18.7 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 30.238 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Tgt Ion: 95 Resp: 53706
Ion Ratio Lower Upper
95 100
174 90.8 71.8 107.6
176 87.7 70.1 105.1





#61

Tetrachloroethene

Concen: 47.874 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:164 Resp: 61456

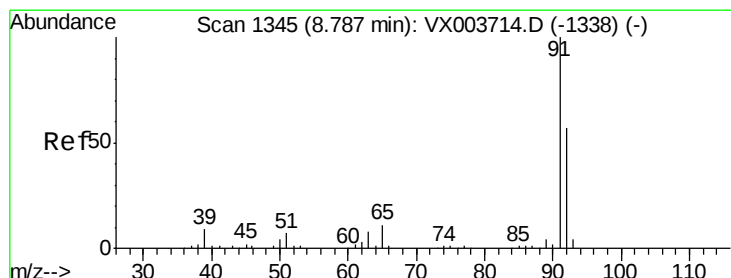
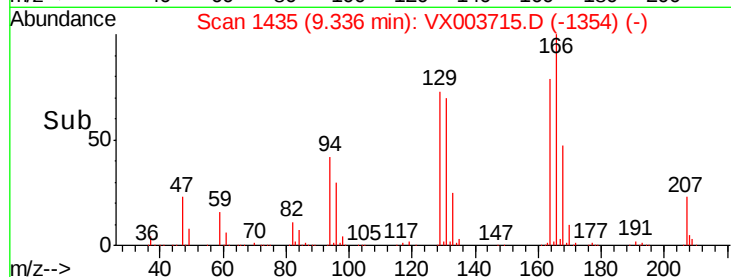
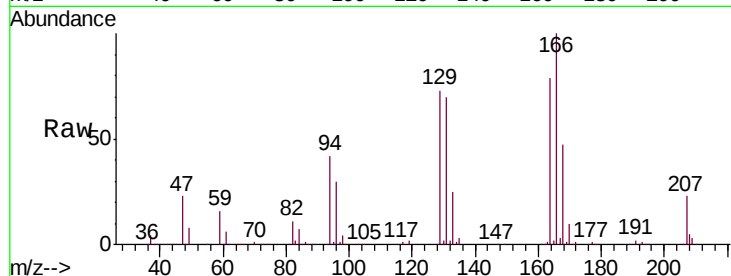
Ion Ratio Lower Upper

164 100

166 126.9 102.4 153.6

129 92.9 70.1 105.1

131 88.3 69.1 103.7



#62

Toluene

Concen: 50.245 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003715.D

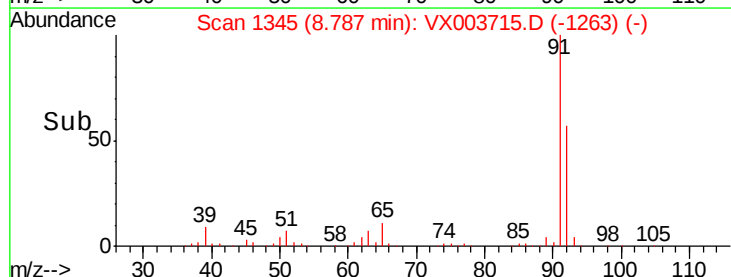
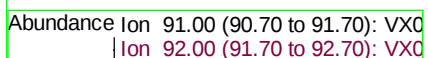
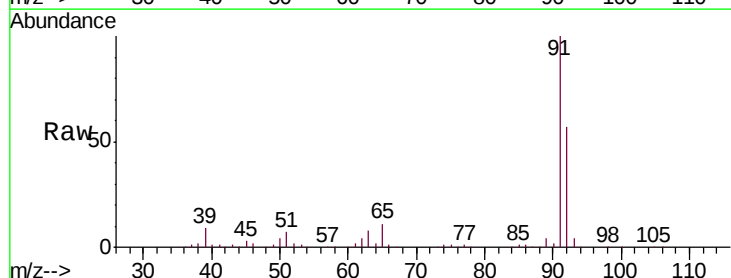
Acq: 27 Jul 2018 14:24

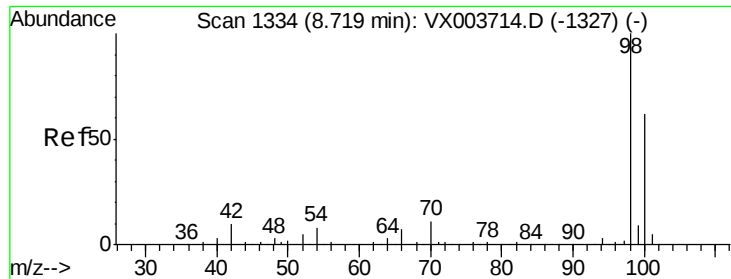
Tgt Ion: 91 Resp: 287662

Ion Ratio Lower Upper

91 100

92 57.0 46.5 69.7

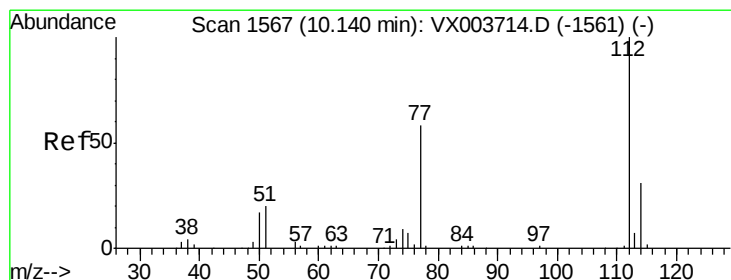
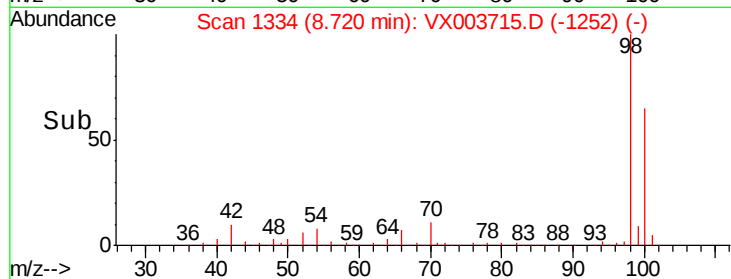
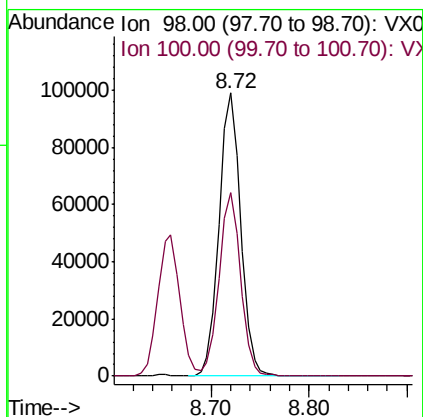
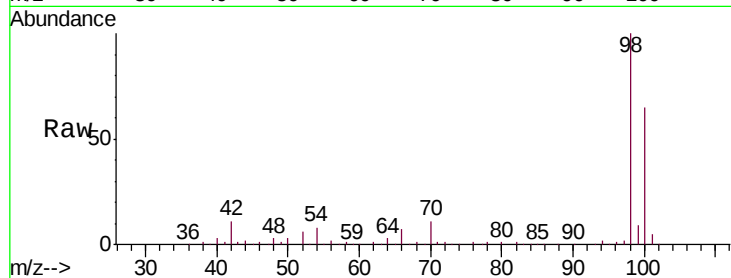




#63
Toluene-d8
Concen: 30.685 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

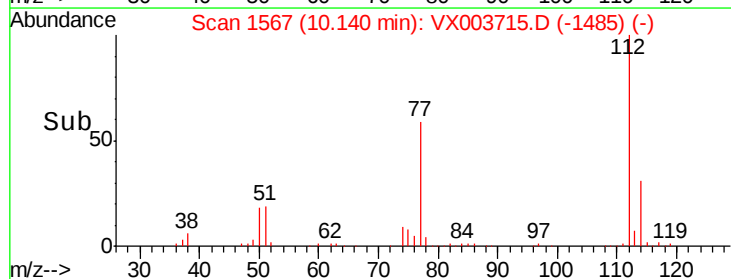
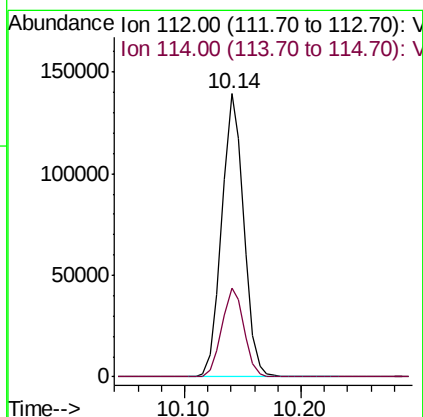
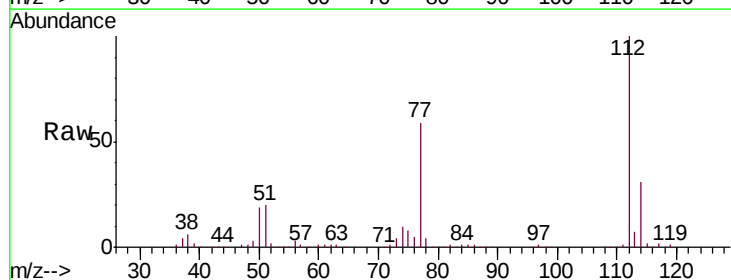
Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

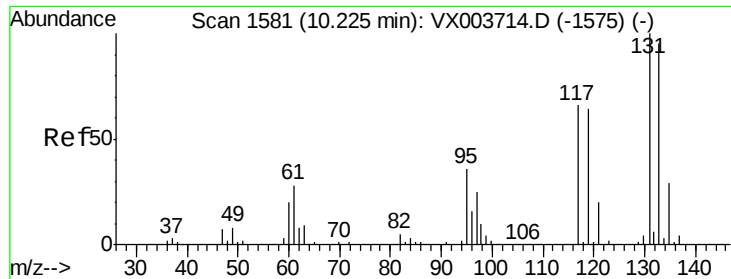
Tgt Ion: 98 Resp: 152478
Ion Ratio Lower Upper
98 100
100 64.4 50.8 76.2



#64
Chlorobenzene
Concen: 49.132 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Tgt Ion: 112 Resp: 181780
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 49.817 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

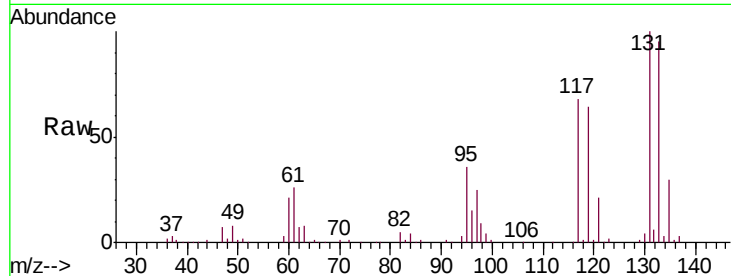
Tgt Ion:131 Resp: 65217

Ion Ratio Lower Upper

131 100

133 95.7 0.0 191.2

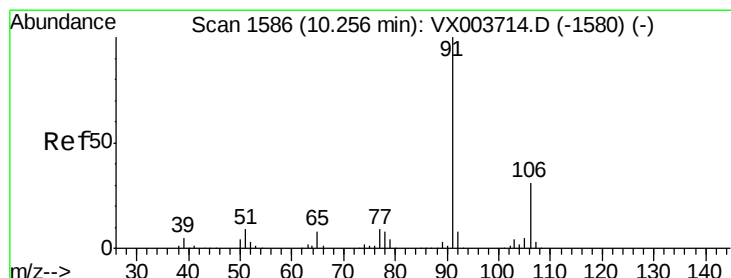
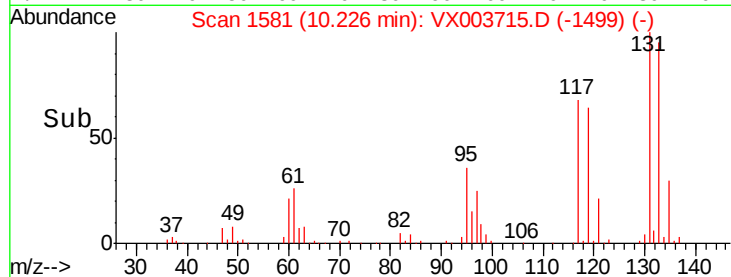
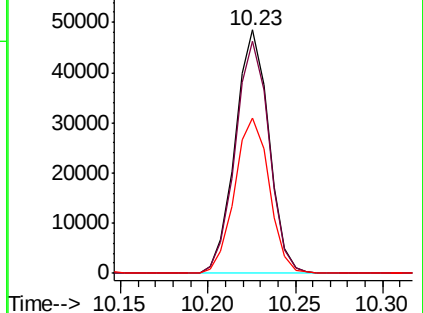
119 65.4 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 49.843 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003715.D

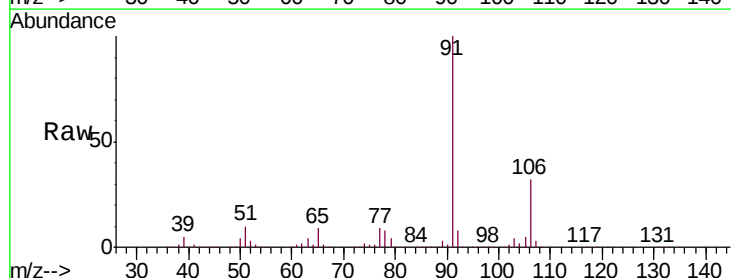
Acq: 27 Jul 2018 14:24

Tgt Ion: 91 Resp: 314022

Ion Ratio Lower Upper

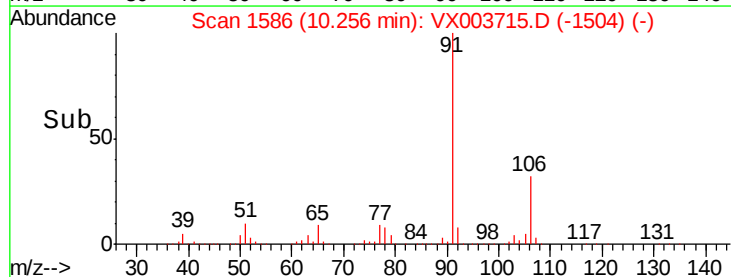
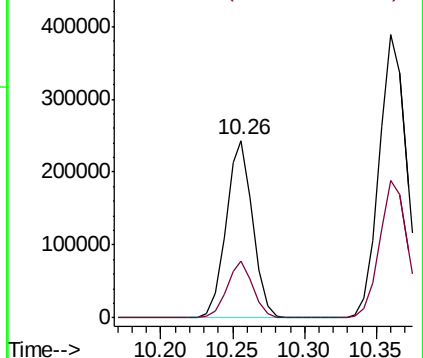
91 100

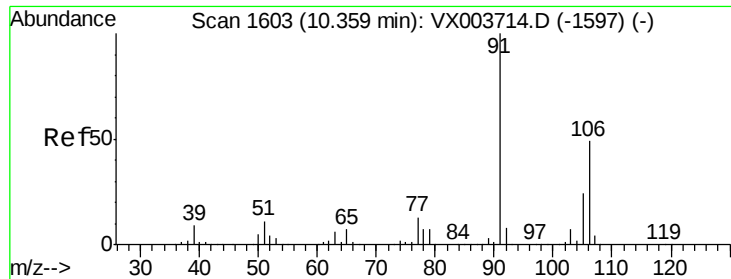
106 31.7 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

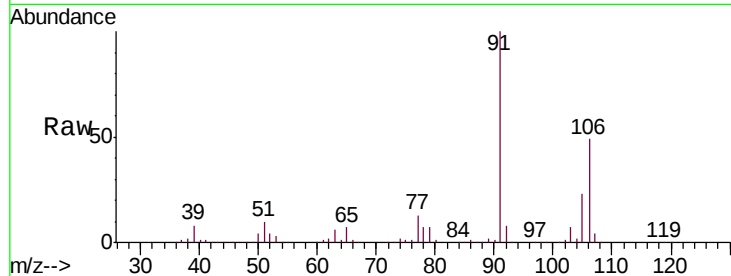




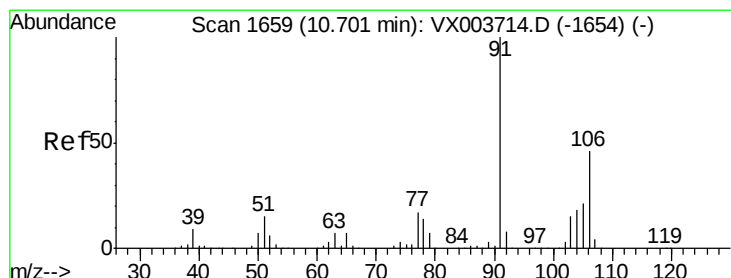
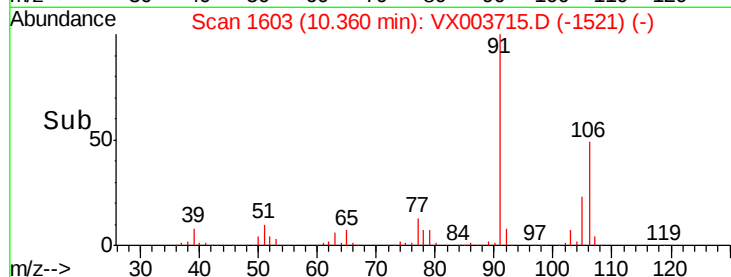
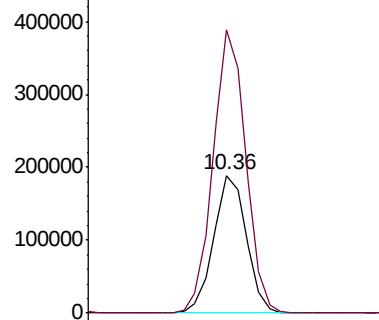
#67
m/p-Xylenes
Concen: 101.367 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 245981
Ion Ratio Lower Upper
106 100
91 204.2 164.1 246.1

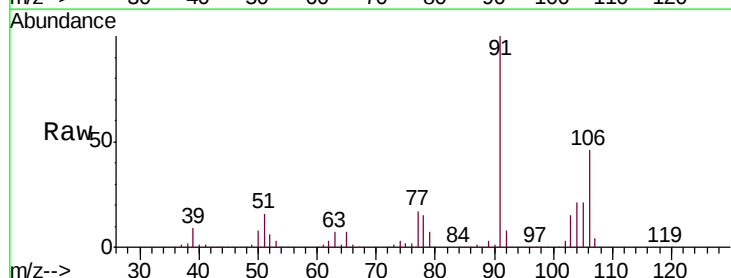


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

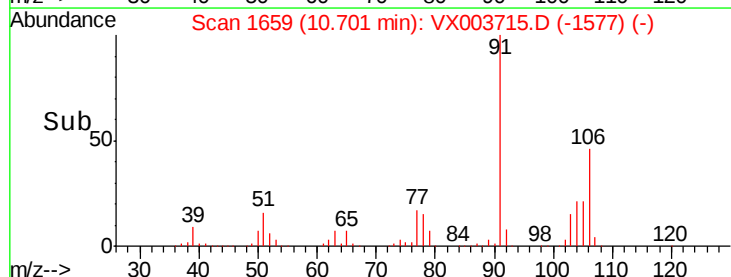
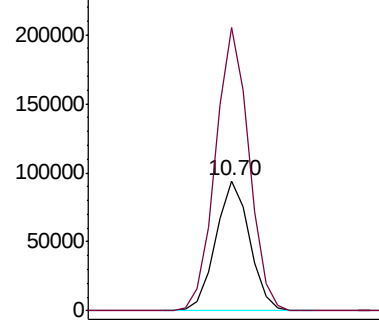


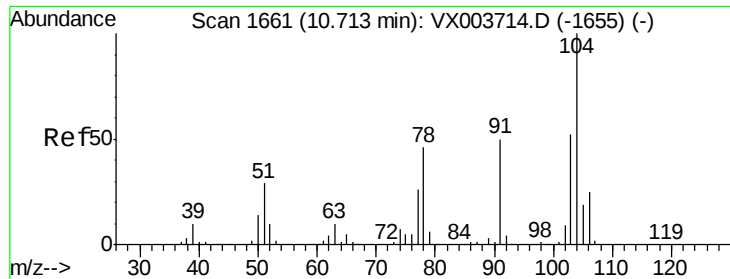
#68
o-Xylene
Concen: 50.469 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Tgt Ion:106 Resp: 117163
Ion Ratio Lower Upper
106 100
91 215.6 109.1 327.3



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

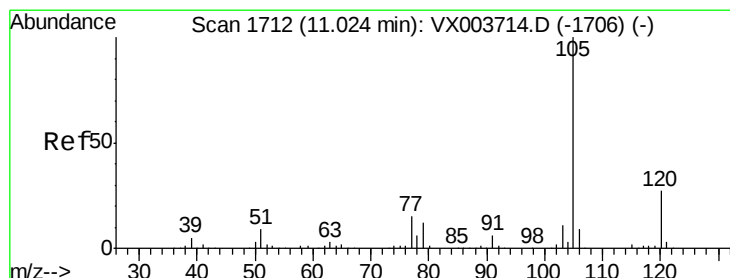
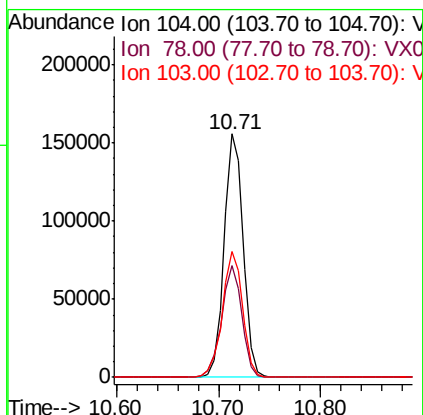
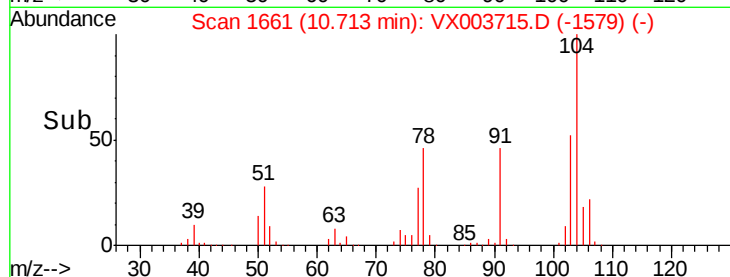
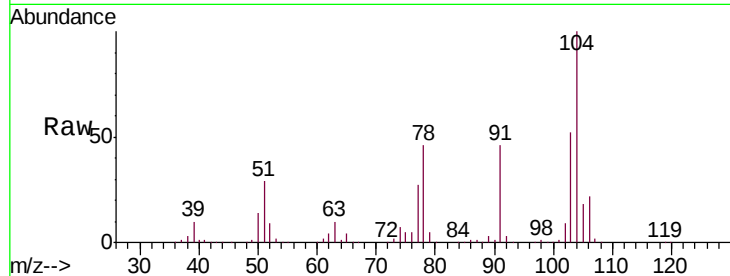




#69
Styrene
Concen: 51.336 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

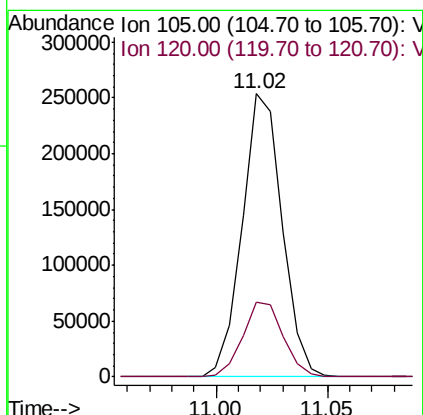
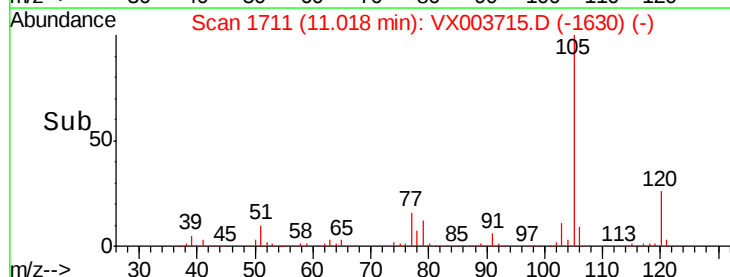
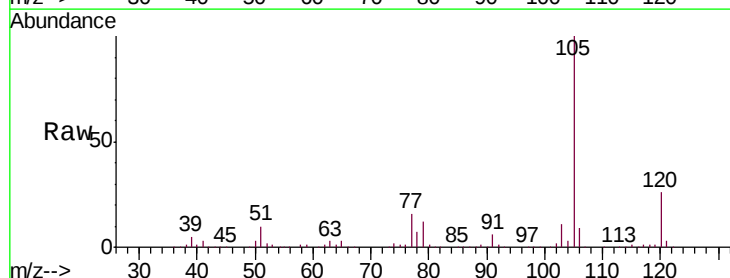
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

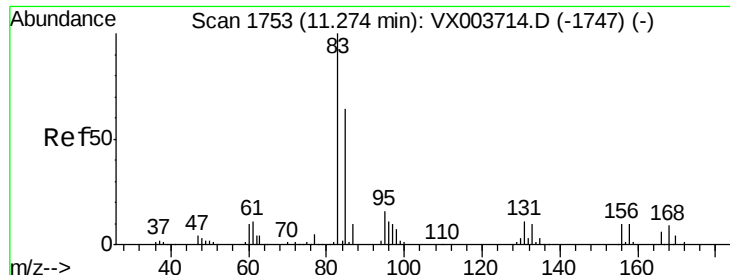
Tgt Ion:104 Resp: 201796
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 55.3 44.9 67.3



#70
Isopropylbenzene
Concen: 49.803 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Tgt Ion:105 Resp: 318325
Ion Ratio Lower Upper
105 100
120 26.8 19.0 35.2

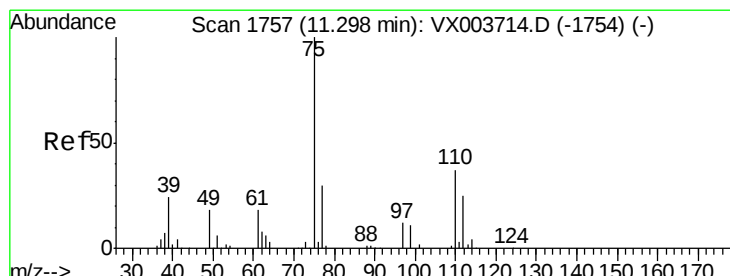
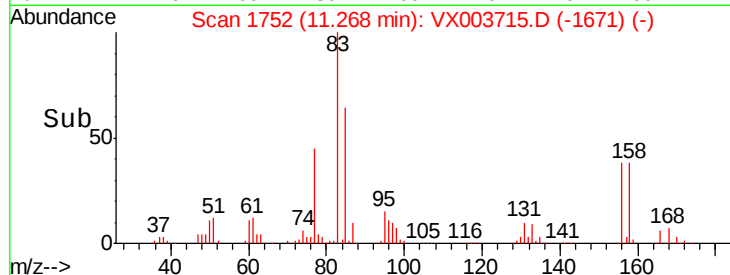
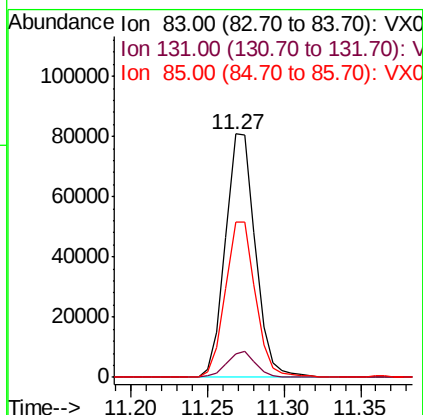
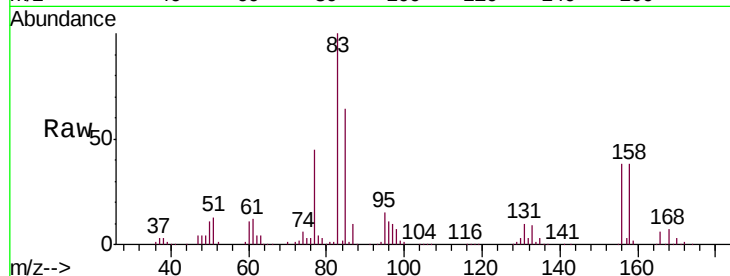




#71
 1,1,2,2-Tetrachloroethane
 Concen: 48.330 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

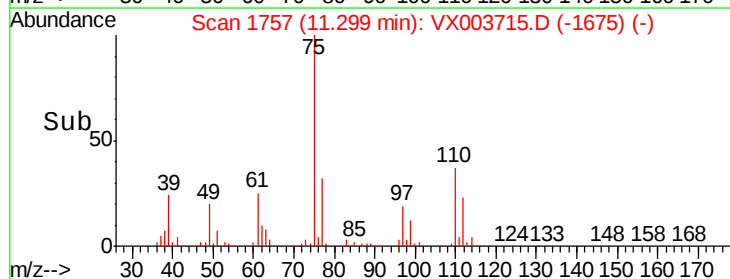
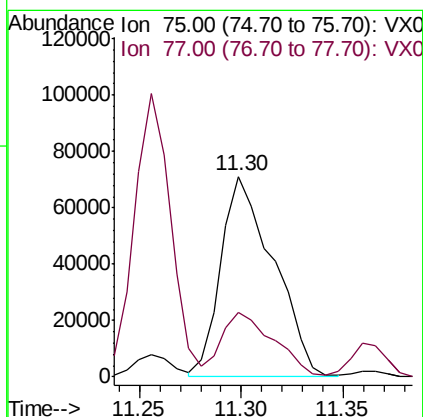
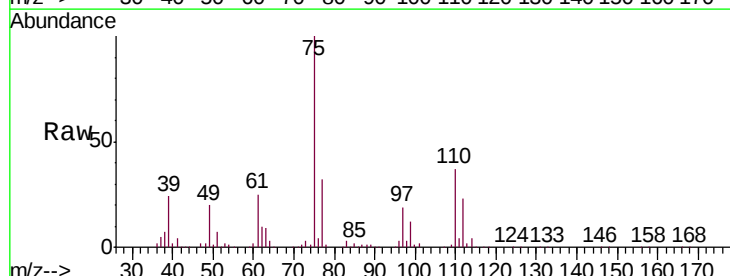
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

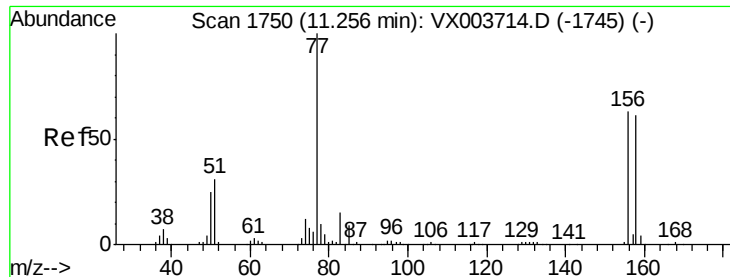
Tgt Ion: 83 Resp: 110273
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.4 16.2
 85 64.0 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 67.210 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Tgt Ion: 75 Resp: 127569
 Ion Ratio Lower Upper
 75 100
 77 31.9 0.0 71.8





#73

Bromobenzene

Concen: 47.732 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

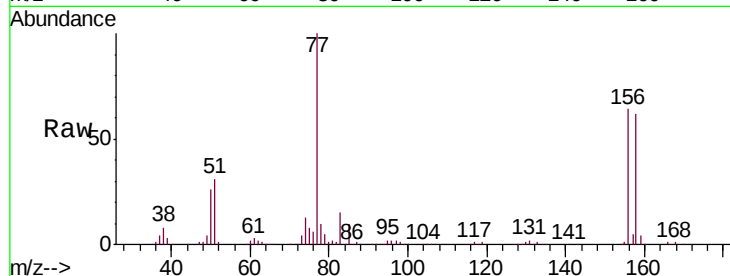
Tgt Ion:156 Resp: 82220

Ion Ratio Lower Upper

156 100

77 152.0 0.0 301.0

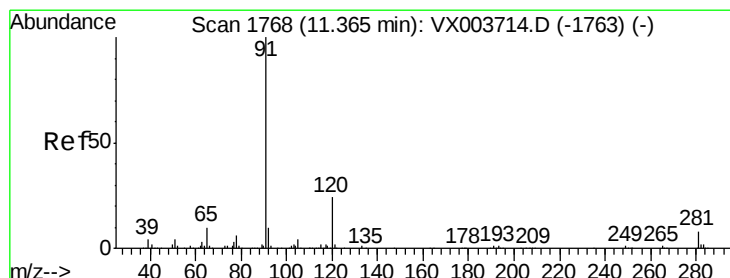
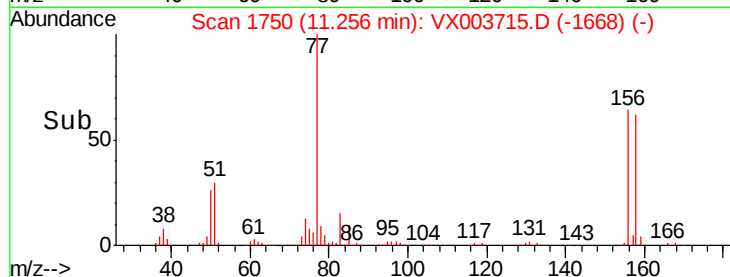
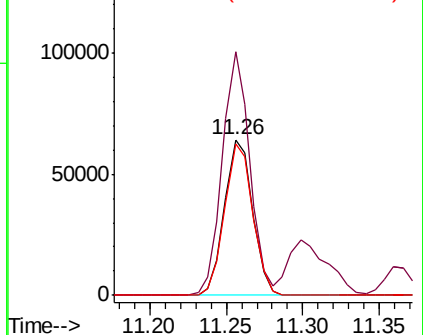
158 97.2 0.0 196.2



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: 50.075 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003715.D

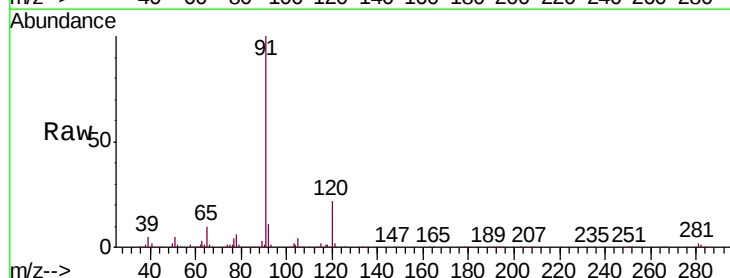
Acq: 27 Jul 2018 14:24

Tgt Ion: 91 Resp: 376988

Ion Ratio Lower Upper

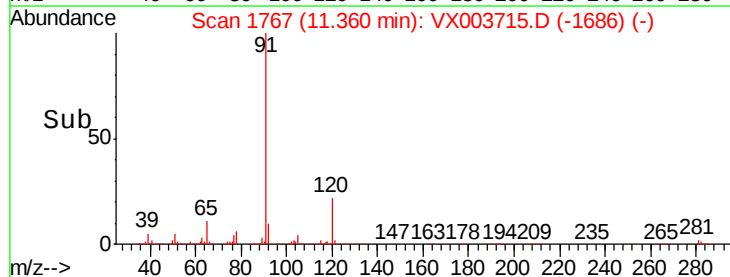
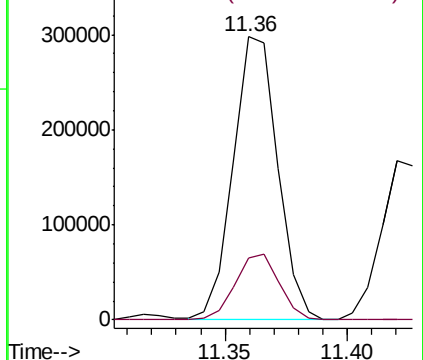
91 100

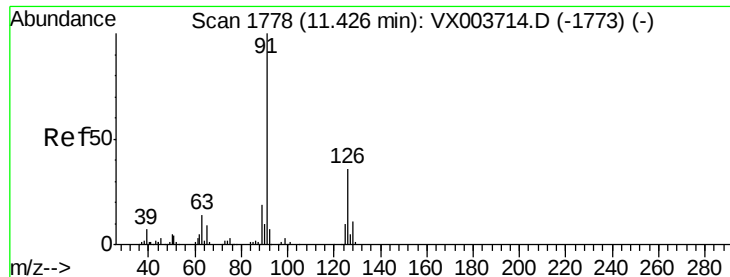
120 22.9 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 49.334 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

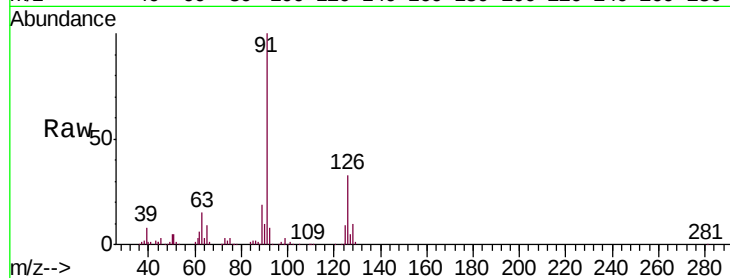
VSTDIC050

Tgt Ion: 91 Resp: 218908

Ion Ratio Lower Upper

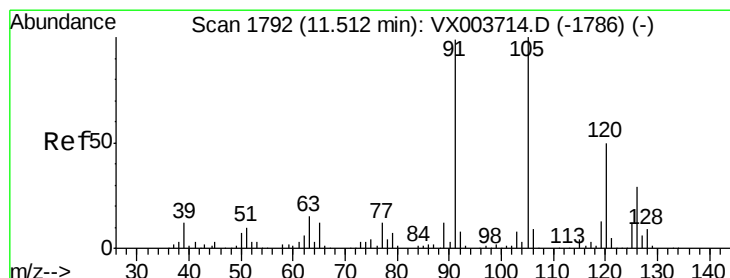
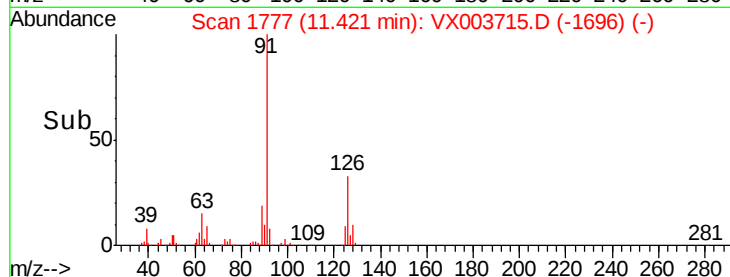
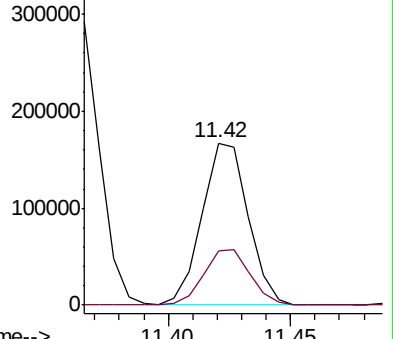
91 100

126 34.6 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 50.051 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003715.D

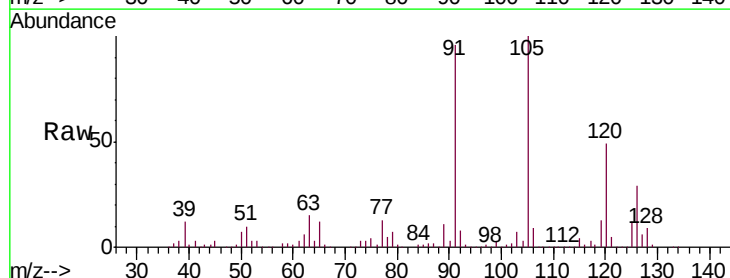
Acq: 27 Jul 2018 14:24

Tgt Ion: 105 Resp: 271450

Ion Ratio Lower Upper

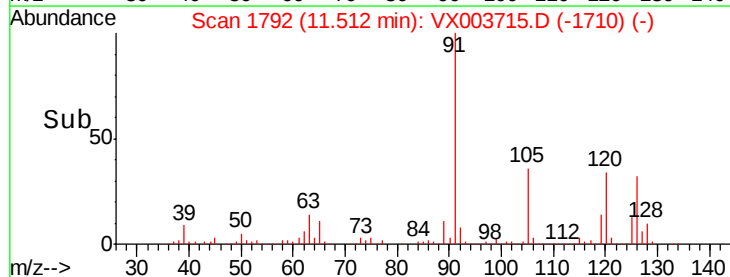
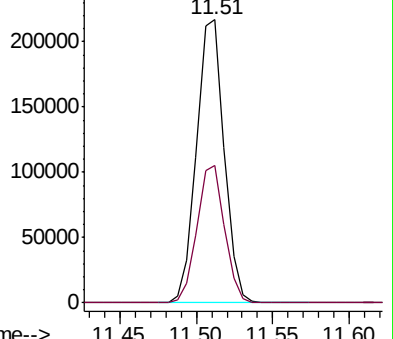
105 100

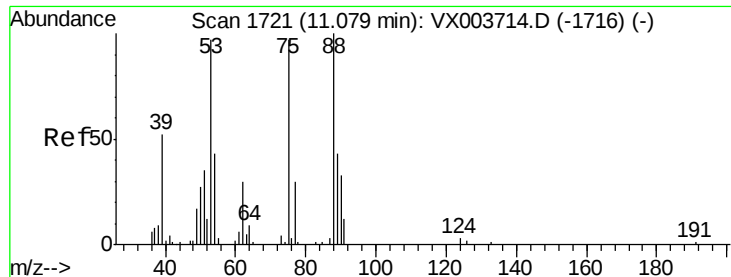
120 48.4 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 50.245 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

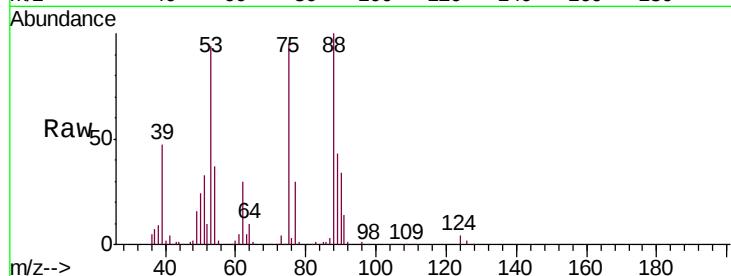
Tgt Ion: 75 Resp: 32498

Ion Ratio Lower Upper

75 100

53 99.0 48.3 144.9

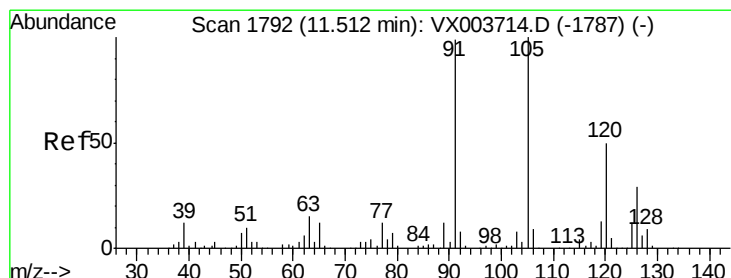
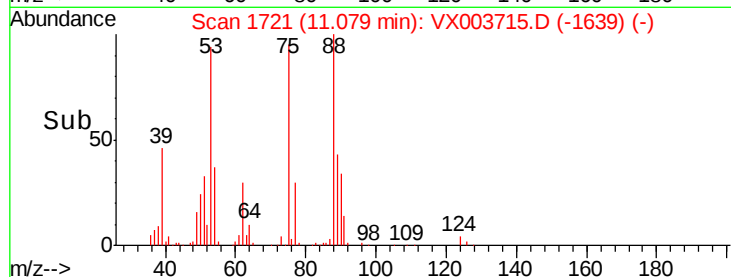
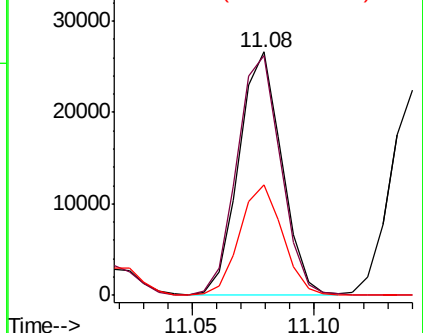
89 45.4 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 49.338 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003715.D

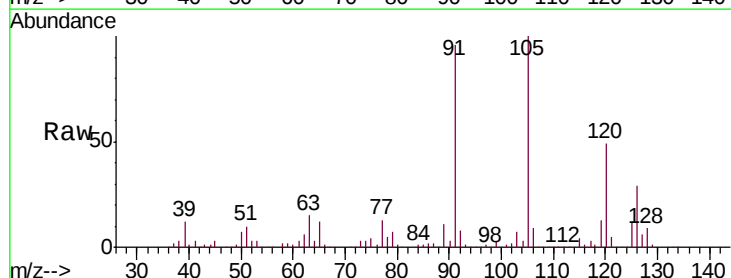
Acq: 27 Jul 2018 14:24

Tgt Ion: 91 Resp: 256155

Ion Ratio Lower Upper

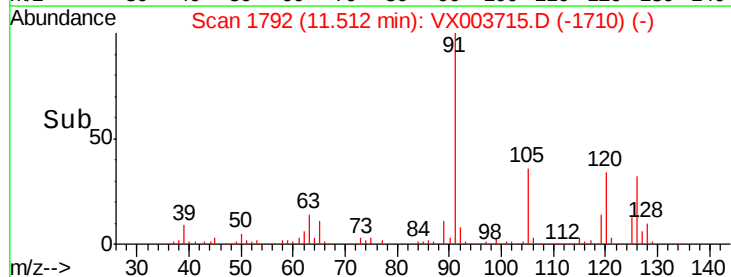
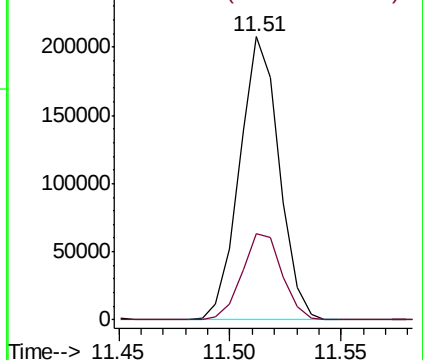
91 100

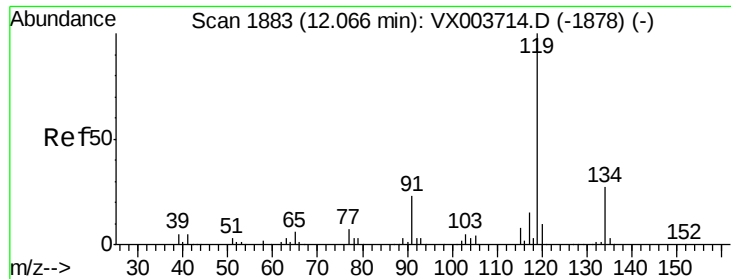
126 30.8 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

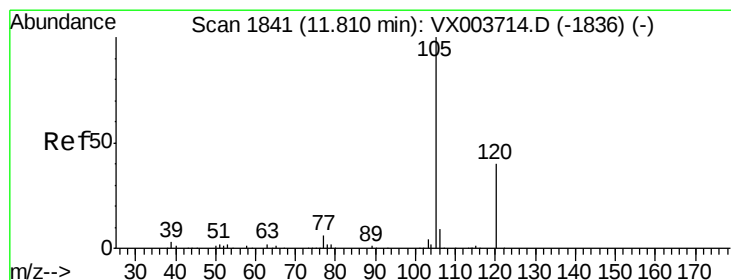
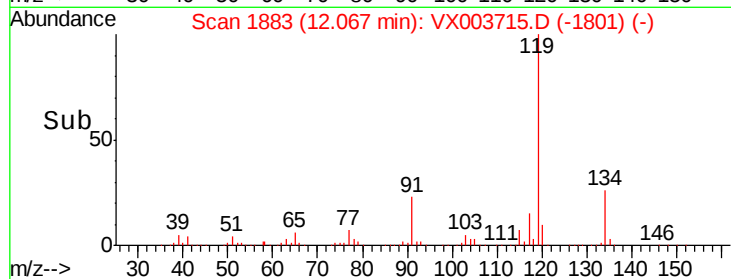
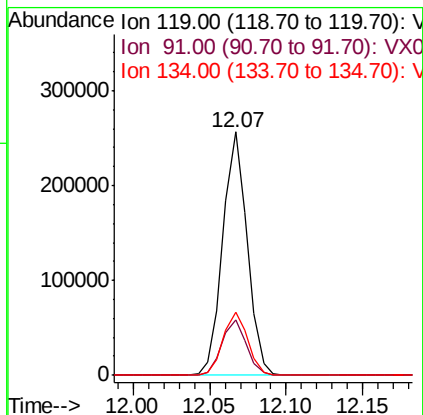
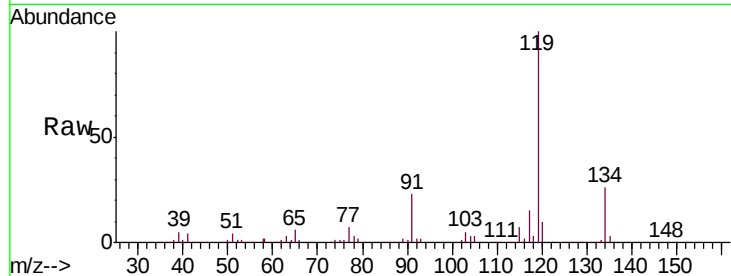




#79
tert-butylbenzene
Concen: 50.927 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

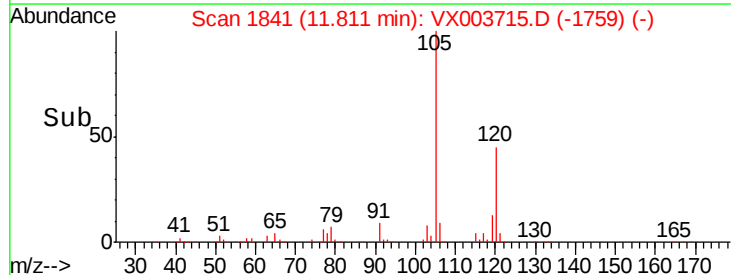
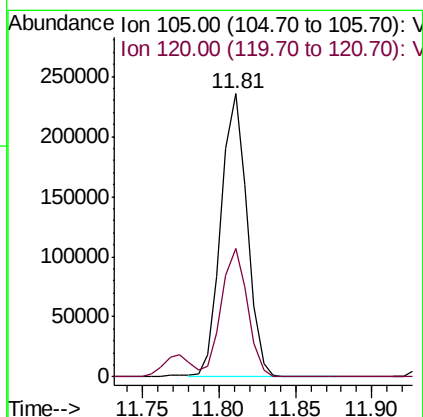
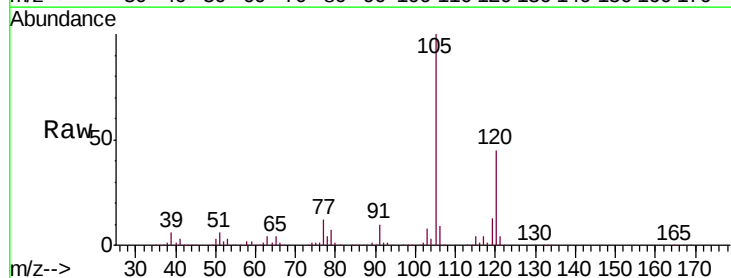
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

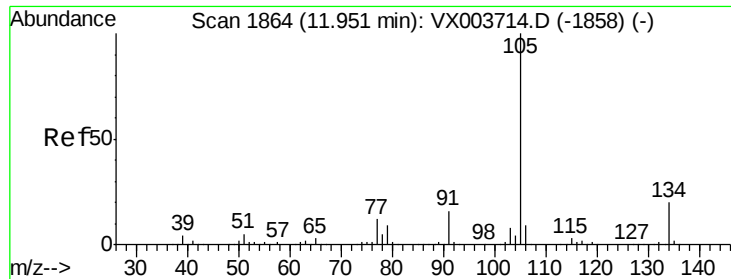
Tgt Ion:119 Resp: 284185
Ion Ratio Lower Upper
119 100
91 22.8 0.0 48.0
134 26.3 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 50.329 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Tgt Ion:105 Resp: 279351
Ion Ratio Lower Upper
105 100
120 45.3 0.0 89.2

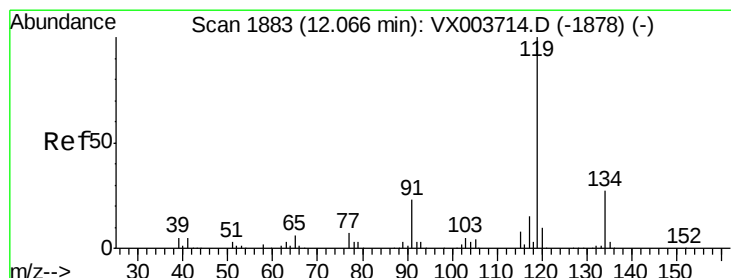
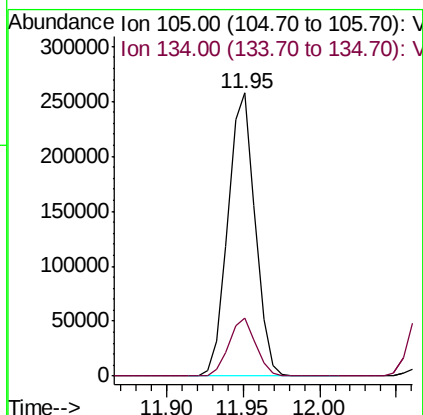
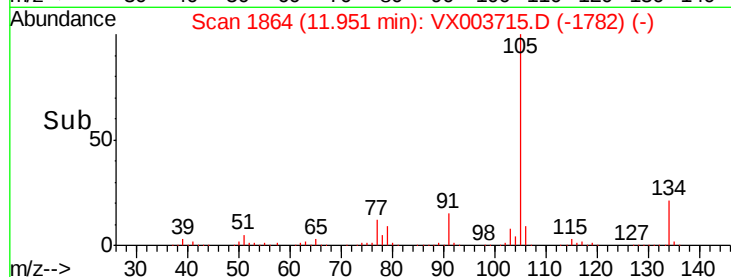
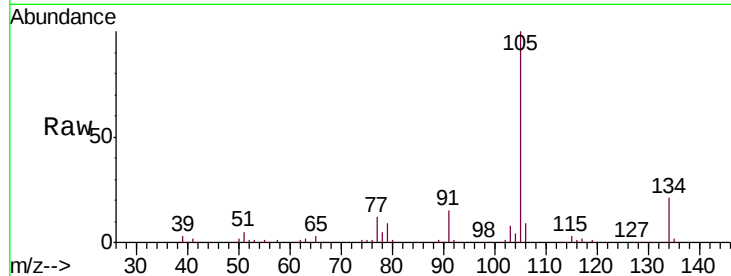




#81
 sec-Butylbenzene
 Concen: 50.099 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

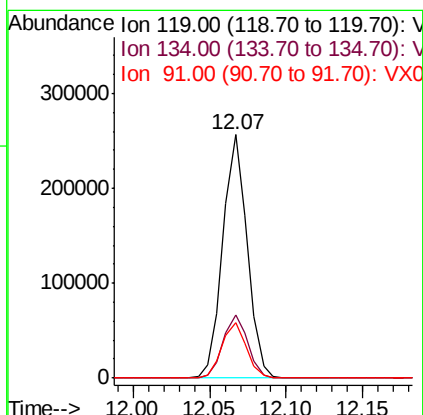
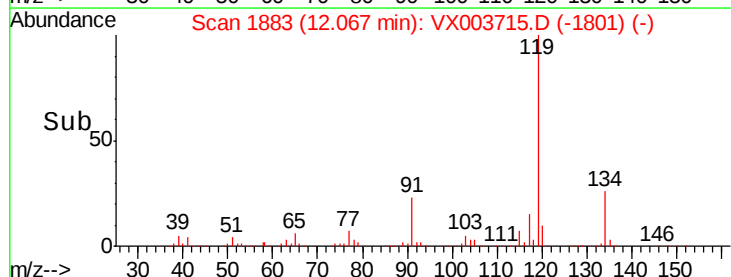
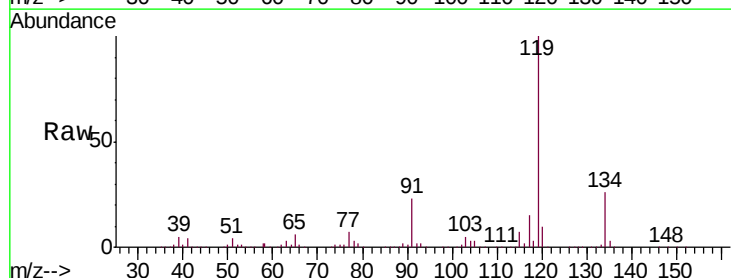
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

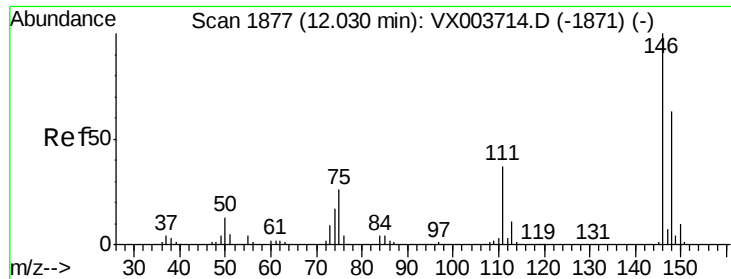
Tgt Ion:105 Resp: 316425
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 50.927 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Tgt Ion:119 Resp: 284185
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 22.8 0.0 48.0

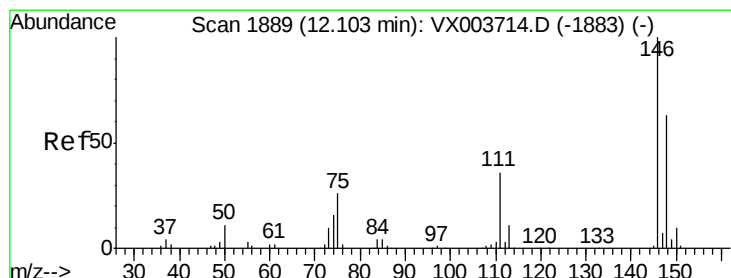
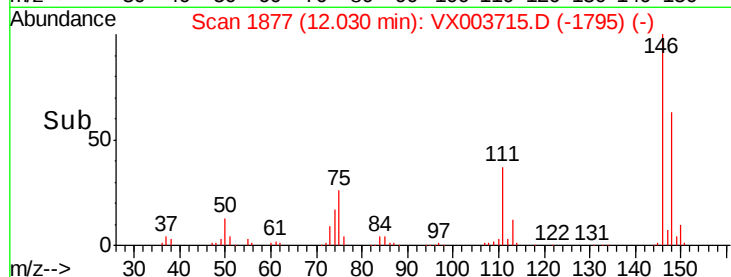
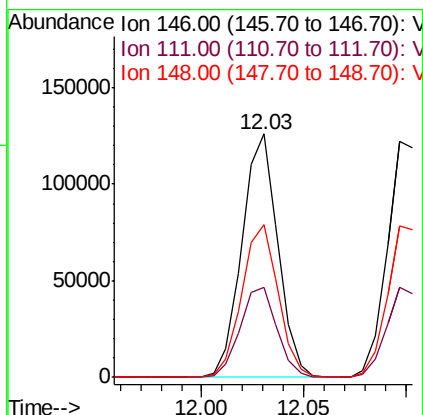
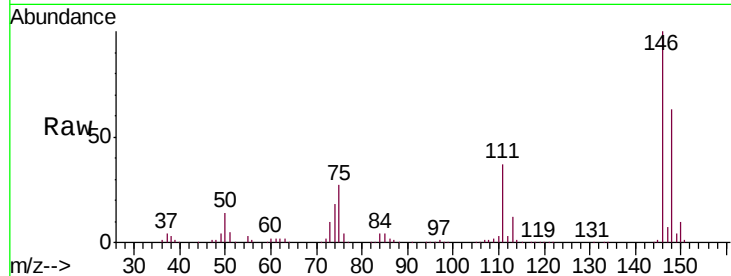




#83
 1,3-Dichlorobenzene
 Concen: 48.966 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

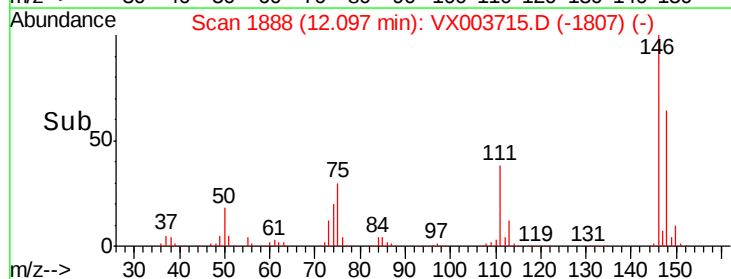
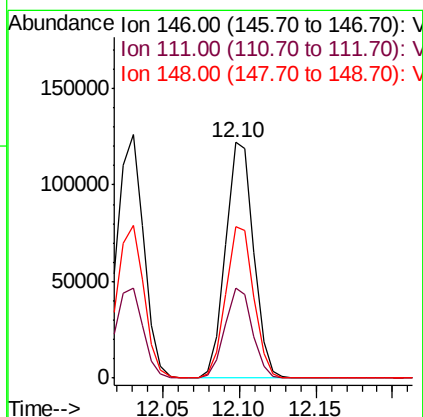
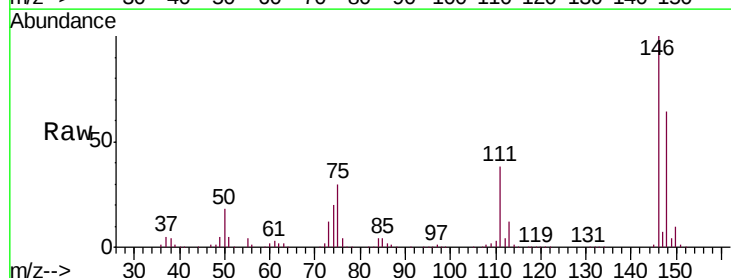
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

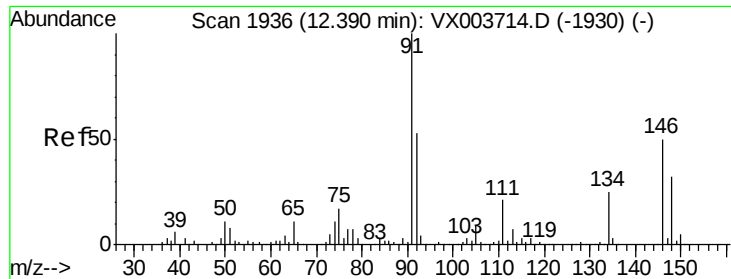
Tgt Ion:146 Resp: 154034
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.5
 148 63.5 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 49.035 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Tgt Ion:146 Resp: 155302
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.5 55.5
 148 64.0 32.0 96.0





#85

n-Butylbenzene

Concen: 50.785 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003715.D

Acq: 27 Jul 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

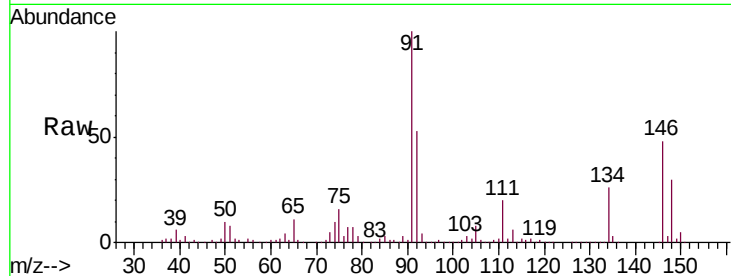
Tgt Ion: 91 Resp: 251551

Ion Ratio Lower Upper

91 100

92 52.7 0.0 105.2

134 26.2 0.0 53.2

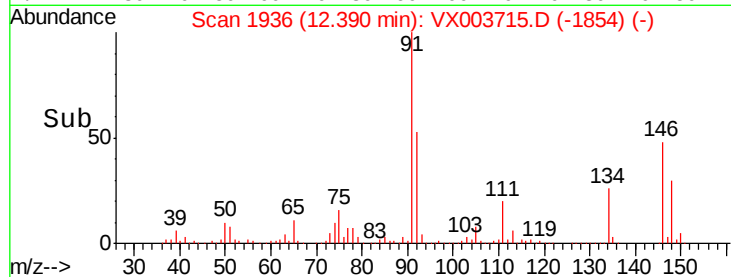


Abundance Ion 91.00 (90.70 to 91.70): VX003715.D (-1930) (-)

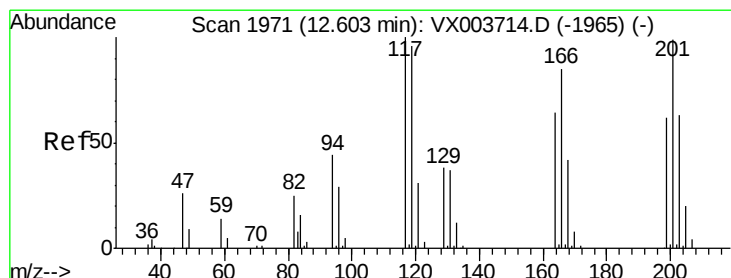
Ion 92.00 (91.70 to 92.70): VX003715.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX003715.D (-1930) (-)

Time-->



Time-->



#86

Hexachloroethane

Concen: 50.075 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX003715.D

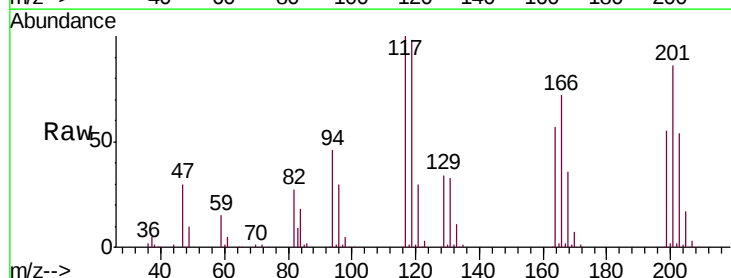
Acq: 27 Jul 2018 14:24

Tgt Ion: 117 Resp: 45029

Ion Ratio Lower Upper

117 100

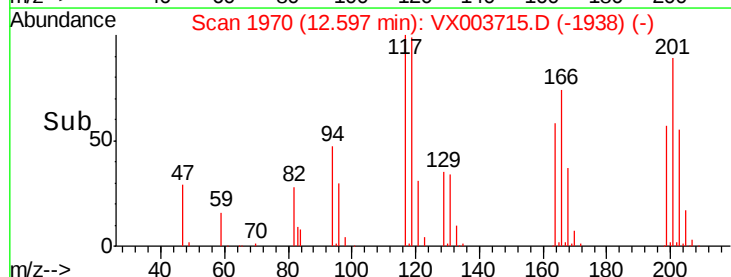
201 91.9 47.6 142.8



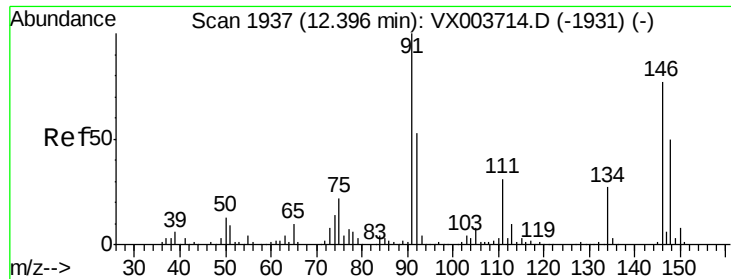
Abundance Ion 117.00 (116.70 to 117.70): VX003715.D (-1965) (-)

Ion 201.00 (200.70 to 201.70): VX003715.D (-1965) (-)

Time-->



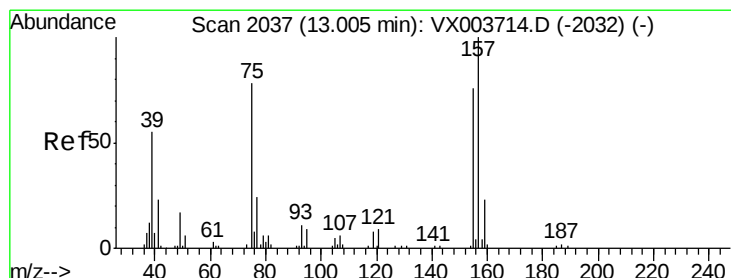
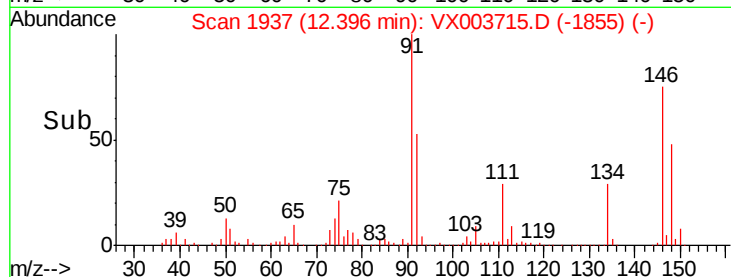
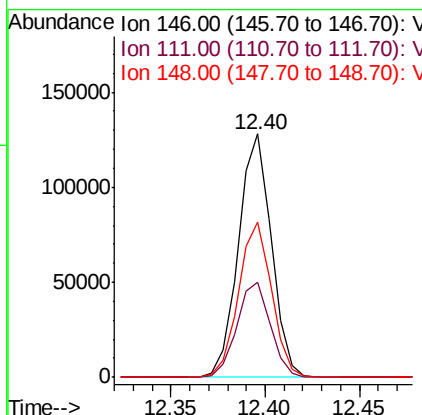
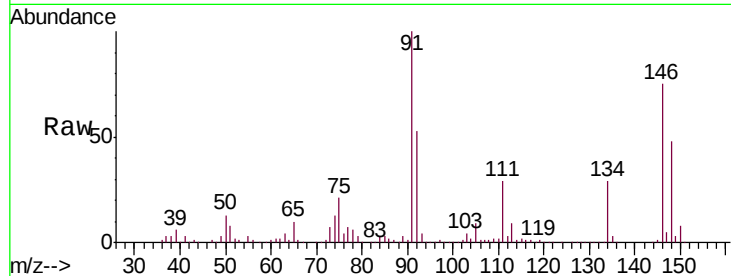
Time-->



#87
 1,2-Dichlorobenzene
 Concen: 49.095 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

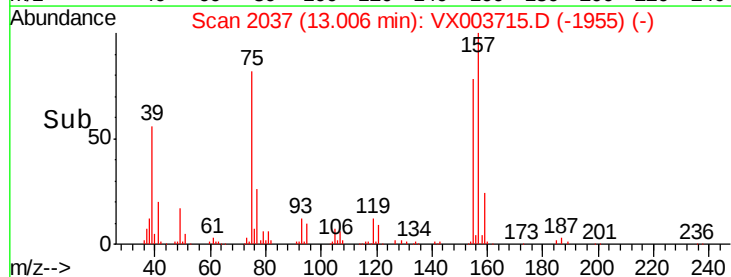
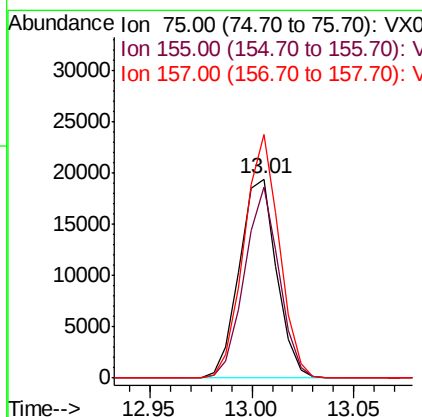
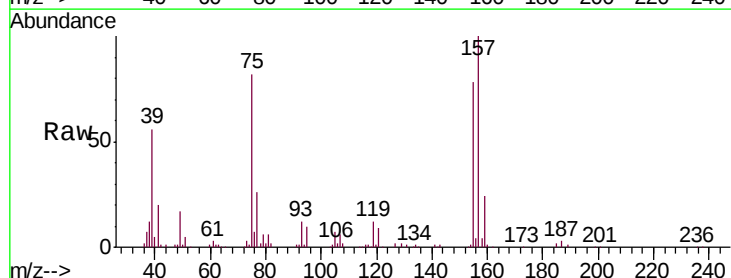
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

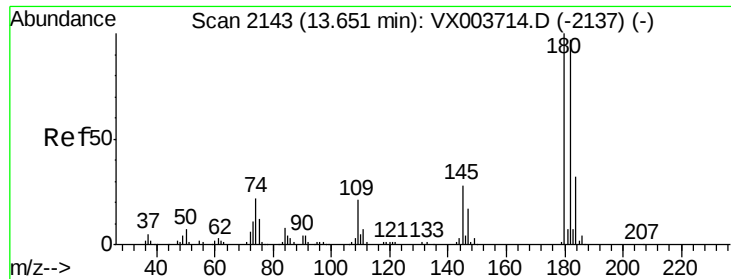
Tgt Ion: 146 Resp: 155037
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 59.9
 148 64.1 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 51.465 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Tgt Ion: 75 Resp: 24785
 Ion Ratio Lower Upper
 75 100
 155 88.3 73.1 109.7
 157 114.9 93.1 139.7

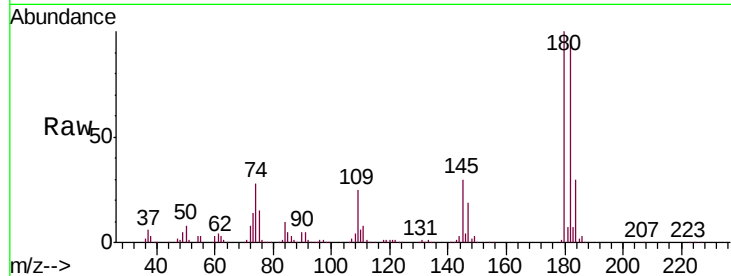




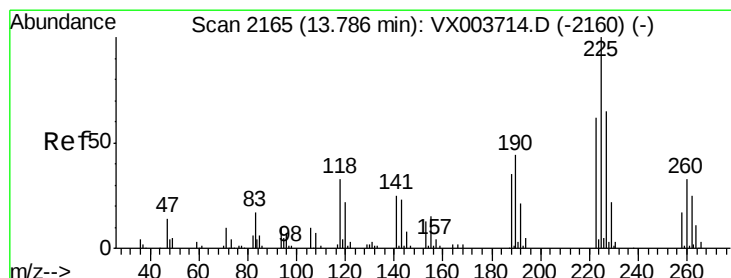
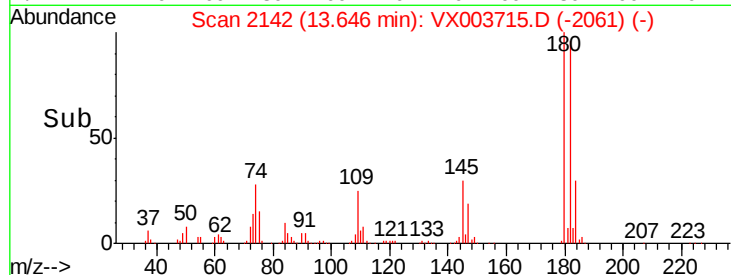
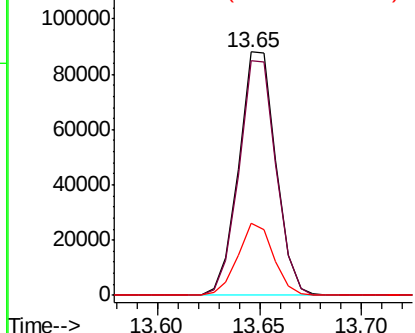
#89
 1,2,4-Trichlorobenzene
 Concen: 50.135 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion:180 Resp: 111165
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.4 114.6
 145 28.5 22.9 34.3

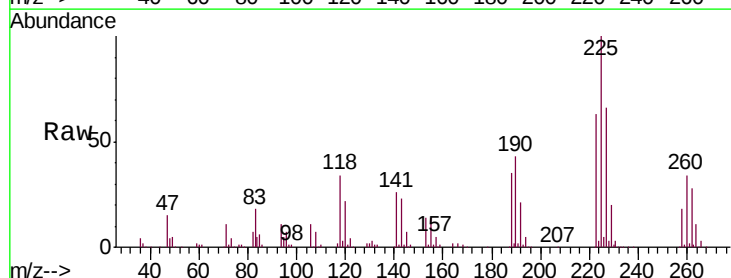


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

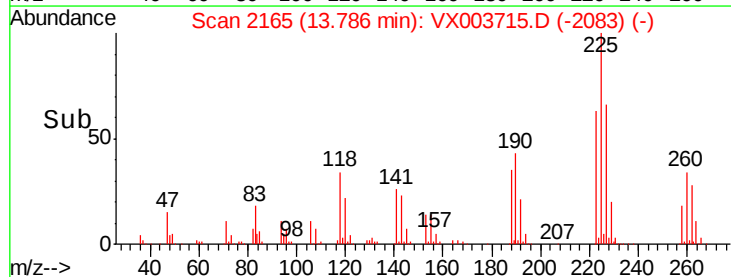
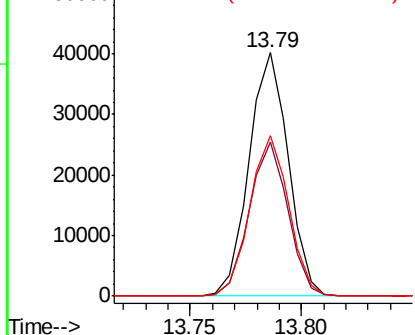


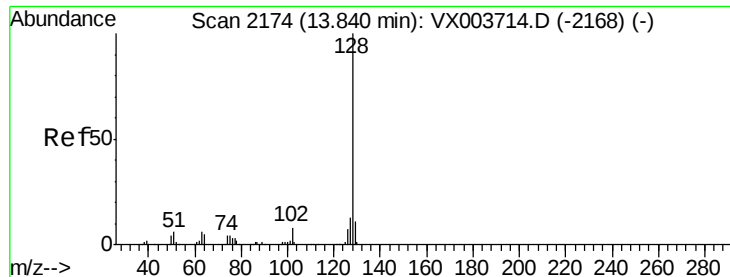
#90
 Hexachlorobutadiene
 Concen: 49.244 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003715.D
 Acq: 27 Jul 2018 14:24

Tgt Ion:225 Resp: 49495
 Ion Ratio Lower Upper
 225 100
 223 62.3 0.0 122.4
 227 65.3 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

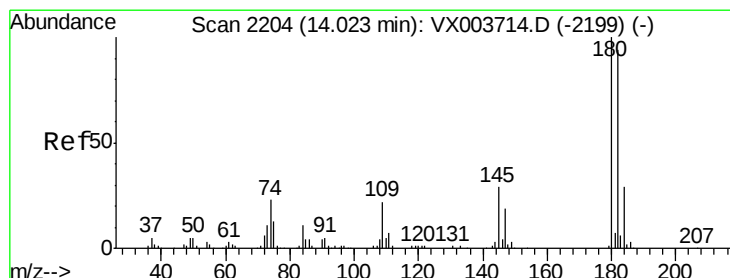
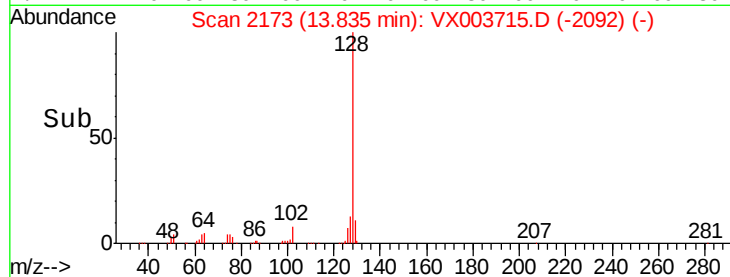
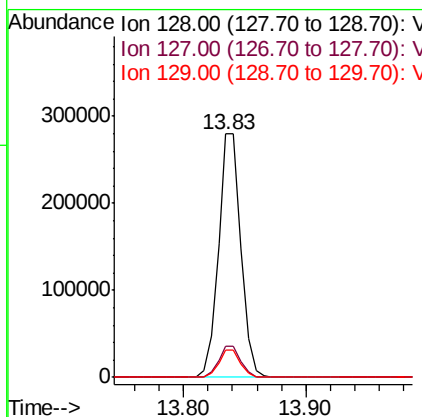
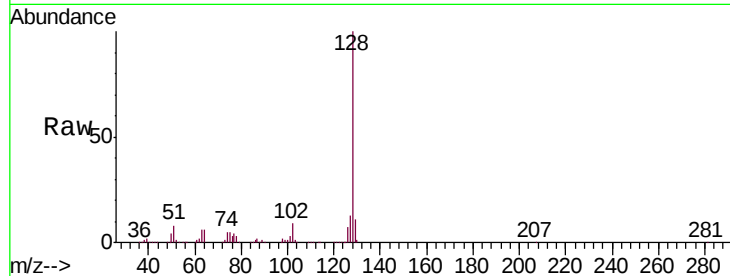




#91
Naphthalene
Concen: 52.451 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 355437
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 50.641 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003715.D
Acq: 27 Jul 2018 14:24

Tgt Ion:180 Resp: 114343
Ion Ratio Lower Upper
180 100
182 96.0 0.0 191.0
145 30.4 0.0 60.6

