

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004952.D
 Acq On : 03 Oct 2018 07:33
 Operator : JC/MD
 Sample : VX1003WBSD02
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

Quant Time: Oct 03 08:38:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182414	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
35) Dibromofluoromethane	5.50	113	146217	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	8.72	98	511392	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	11.14	95	186266	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71483	22.294	ug/l	94
3) Chloromethane	1.33	50	78697	20.230	ug/l	98
4) Vinyl Chloride	1.41	62	77453	21.228	ug/l	97
5) Bromomethane	1.64	94	38933	17.995	ug/l	95
6) Chloroethane	1.72	64	48921	23.363	ug/l	98
7) Trichlorofluoromethane	1.93	101	99651	22.062	ug/l	97
8) Diethyl Ether	2.19	74	40523	20.651	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55171	21.443	ug/l	100
10) Methyl Iodide	2.51	142	47615	13.829	ug/l	90
11) Tert butyl alcohol	3.07	59	109892	116.993	ug/l	99
12) 1,1-Dichloroethene	2.37	96	54795	21.504	ug/l	96
13) Acrolein	2.30	56	19058	28.517	ug/l	91
14) Allyl chloride	2.73	41	114373	20.572	ug/l	97
15) Acrylonitrile	3.15	53	233229	112.793	ug/l	97
16) Acetone	2.45	43	207804	105.955	ug/l	99
17) Carbon Disulfide	2.57	76	145897	19.055	ug/l	99
18) Methyl Acetate	2.78	43	131687	26.502	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	193911	22.062	ug/l	95
20) Methylene Chloride	2.86	84	65998	22.686	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	56460	20.241	ug/l #	79
22) Diisopropyl ether	3.88	45	217240	23.204	ug/l #	88
23) Vinyl Acetate	3.82	43	930034	108.526	ug/l	95
24) 1,1-Dichloroethane	3.70	63	124110	22.224	ug/l	99
25) 2-Butanone	4.70	43	312353	108.046	ug/l #	88
26) 2,2-Dichloropropane	4.59	77	46207	11.882	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	64111	20.574	ug/l	98
28) Bromochloromethane	5.02	49	53692	20.416	ug/l	100
29) Tetrahydrofuran	5.16	42	199053	110.781	ug/l	99
30) Chloroform	5.22	83	114518	21.697	ug/l	93
31) Cyclohexane	5.59	56	100281	23.461	ug/l #	76
32) 1,1,1-Trichloroethane	5.50	97	94370	21.893	ug/l	94
36) 1,1-Dichloropropene	5.80	75	80230	20.142	ug/l	94
37) Ethyl Acetate	4.85	43	109982	20.801	ug/l	98
38) Carbon Tetrachloride	5.78	117	81386	19.437	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81106	19.941	ug/l	87
40) Benzene	6.14	78	245428	19.681	ug/l	95
41) Methacrylonitrile	5.07	41	60588	20.662	ug/l	93
42) 1,2-Dichloroethane	6.20	62	87341	19.812	ug/l	97
43) Isopropyl Acetate	6.46	43	158871	20.817	ug/l	99
44) Trichloroethene	7.21	130	64571	21.063	ug/l	96
45) 1,2-Dichloropropane	7.52	63	64340	21.039	ug/l	99
46) Dibromomethane	7.66	93	39918	20.770	ug/l	99
47) Bromodichloromethane	7.90	83	76719	21.321	ug/l	99
48) Methyl methacrylate	7.78	41	76754	22.158	ug/l	99
49) 1,4-Dioxane	7.76	88	36102	419.516	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	538019	111.966	ug/l	98
52) Toluene	8.79	92	143709	20.972	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74409	18.299	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	83665	19.644	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	62082	20.683	ug/l	95
56) Ethyl methacrylate	9.18	69	89630	20.211	ug/l	98
57) 1,3-Dichloropropane	9.37	76	101477	20.313	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	256014	107.593	ug/l	99
59) 2-Hexanone	9.49	43	419335	104.722	ug/l	93
60) Dibromochloromethane	9.59	129	60711	20.225	ug/l	99
61) 1,2-Dibromoethane	9.67	107	62131	19.328	ug/l	95
64) Tetrachloroethene	9.34	164	67203	21.092	ug/l	96
65) Chlorobenzene	10.14	112	161204	19.419	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	57668	19.760	ug/l	99
67) Ethyl Benzene	10.26	91	261989	19.879	ug/l	96
68) m/p-Xylenes	10.36	106	207176	40.228	ug/l	94
69) o-Xylene	10.70	106	99239	20.979	ug/l	99
70) Styrene	10.71	104	167691	20.283	ug/l	100
71) Bromoform	10.86	173	48725	19.502	ug/l #	97
73) Isopropylbenzene	11.02	105	267747	21.995	ug/l	99
74) N-amyl acetate	10.90	43	127539	20.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	98477	19.873	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	106130	24.517	ug/l	84
77) Bromobenzene	11.26	156	74127	20.965	ug/l	99
78) n-propylbenzene	11.36	91	306465	21.942	ug/l	99
79) 2-Chlorotoluene	11.42	91	187579	21.546	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	227367	20.261	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21637	15.078	ug/l	98
82) 4-Chlorotoluene	11.51	91	219467	21.417	ug/l	100
83) tert-Butylbenzene	11.77	119	217563	21.707	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	235520	20.352	ug/l	99
85) sec-Butylbenzene	11.94	105	264720	21.684	ug/l	100
86) p-Isopropyltoluene	12.07	119	236656	21.397	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	133853	20.273	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	136024	19.958	ug/l	98
89) n-Butylbenzene	12.39	91	201803	20.090	ug/l	99
90) Hexachloroethane	12.60	117	36366	19.748	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	135807	19.683	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22203	20.407	ug/l	99

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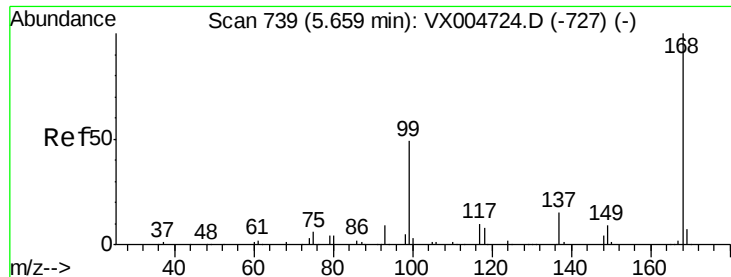
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBSD01

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96848	20.010	ug/l	99
94) Hexachlorobutadiene	13.79	225	47484	18.919	ug/l	99
95) Naphthalene	13.83	128	310703	19.782	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	100798	20.160	ug/l	100

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

Page: 4



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

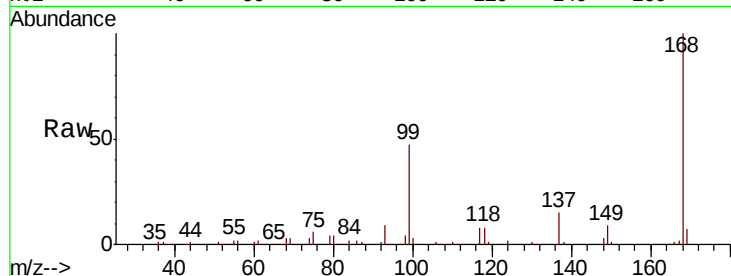
VX1003MBS01

Tot Ion:168 Resp: 235165

Ion Ratio Lower Upper

168 100

99 46.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX004724.D (-727) (-)

5.67

80000

60000

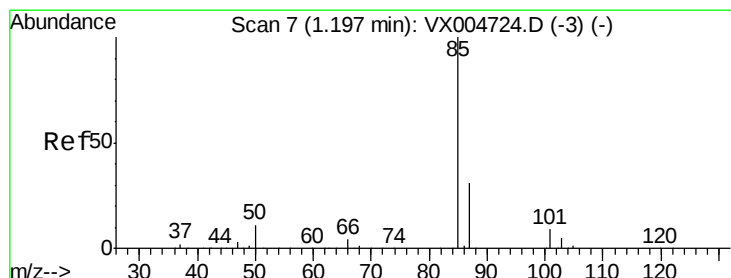
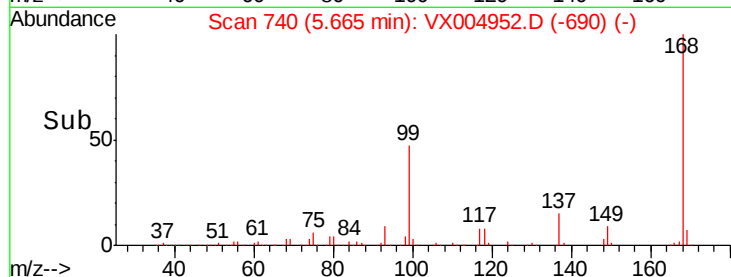
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 22.294 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004952.D

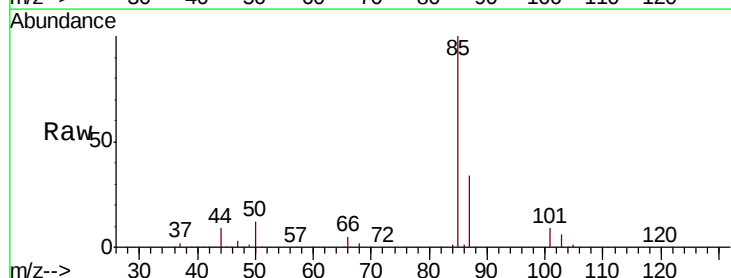
Acq: 03 Oct 2018 07:33

Tgt Ion: 85 Resp: 71483

Ion Ratio Lower Upper

85 100

87 34.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX004724.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX004724.D (-3) (-)

1.20

60000

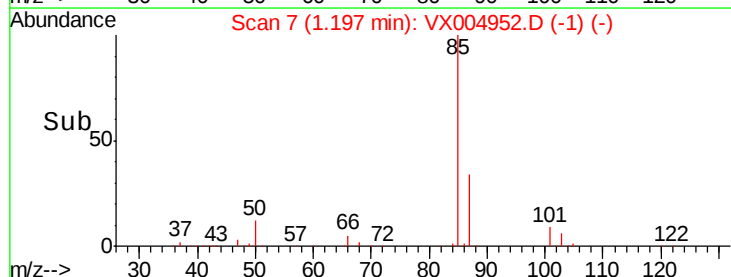
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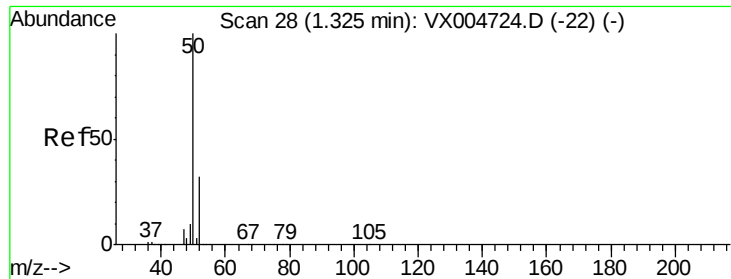
20000

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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.230 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

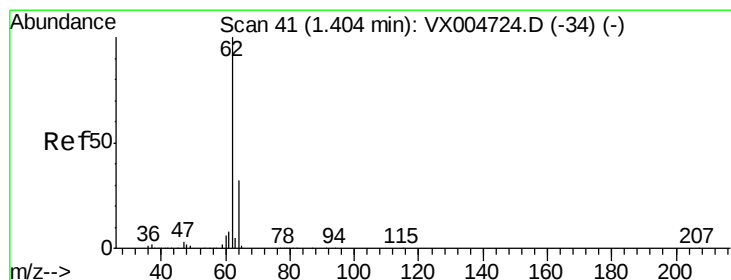
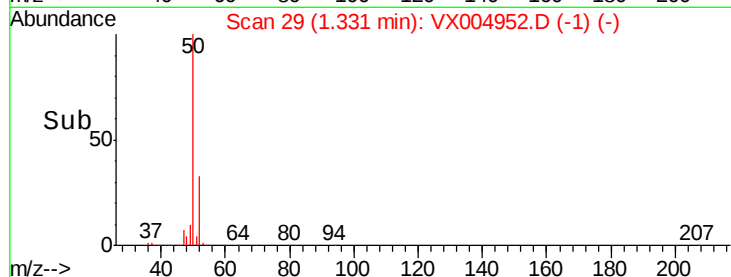
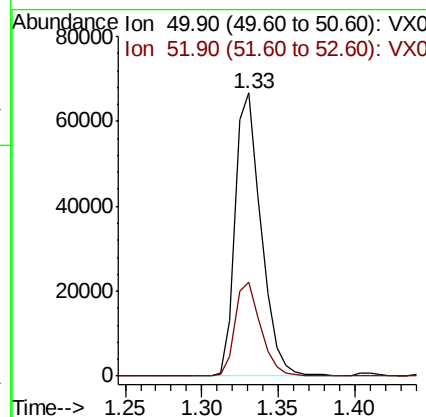
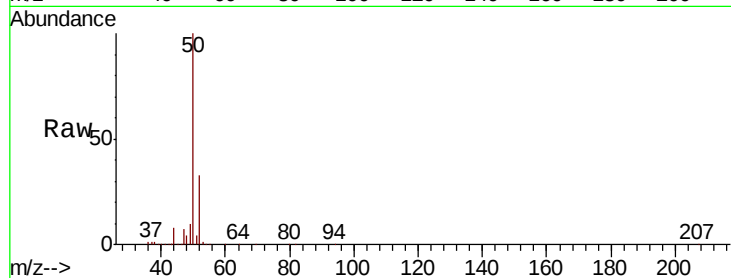
VX1003MBSD01

Tot Ion: 50 Resp: 78697

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.6



#4

Vinyl Chloride

Concen: 21.228 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX004952.D

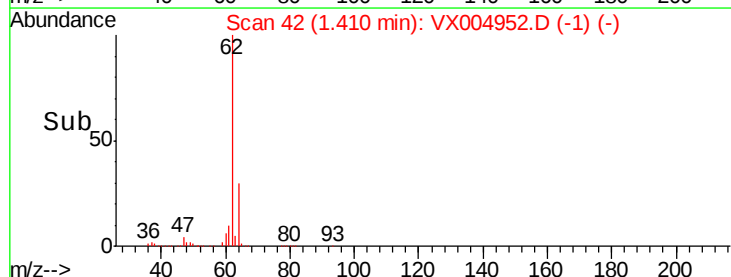
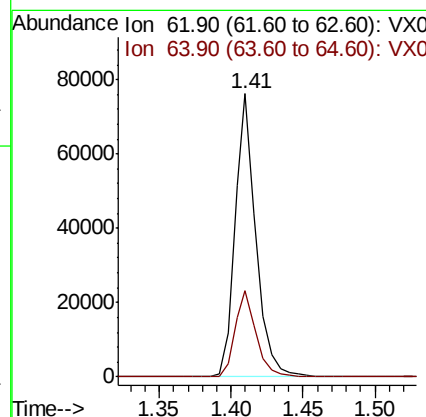
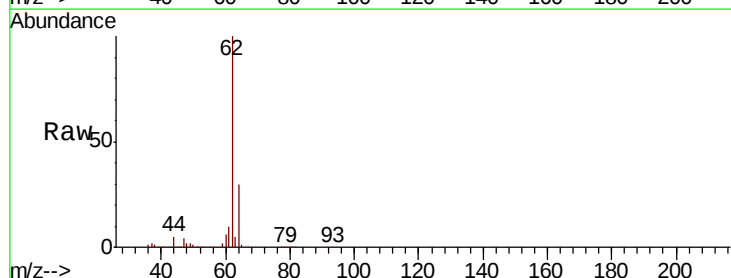
Acq: 03 Oct 2018 07:33

Tgt Ion: 62 Resp: 77453

Ion Ratio Lower Upper

62 100

64 30.5 25.5 38.3





#5

Bromomethane

Concen: 17.995 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

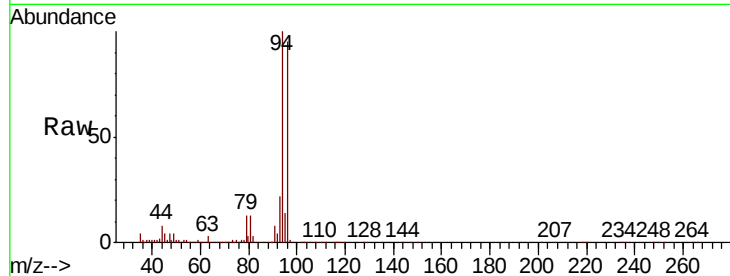
VX1003MBS01

Tot Ion: 94 Resp: 38933

Ion Ratio Lower Upper

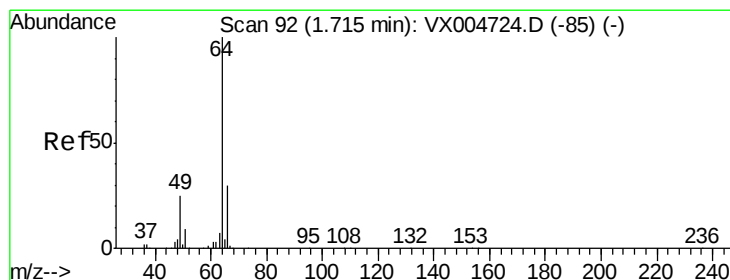
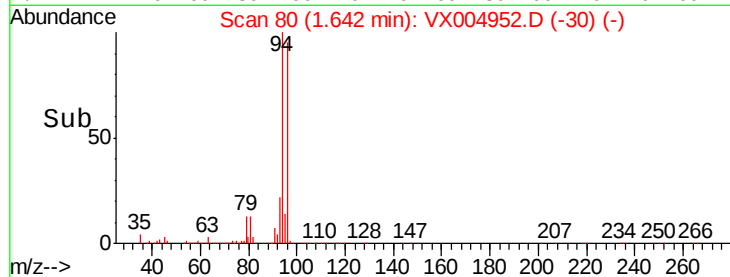
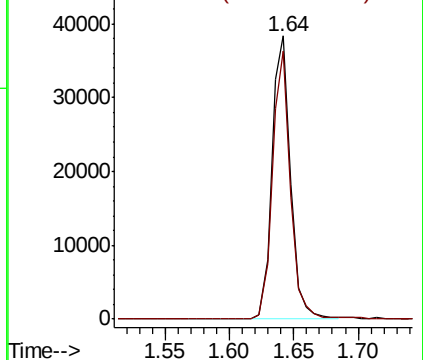
94 100

96 94.7 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.363 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004952.D

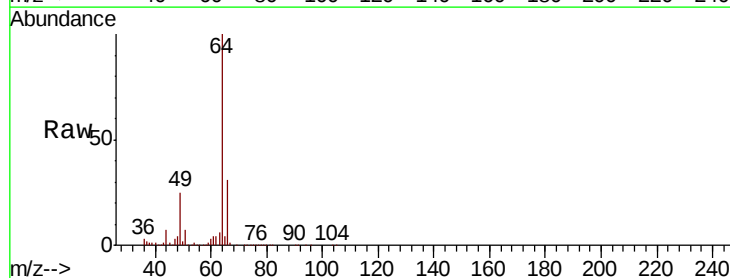
Acq: 03 Oct 2018 07:33

Tgt Ion: 64 Resp: 48921

Ion Ratio Lower Upper

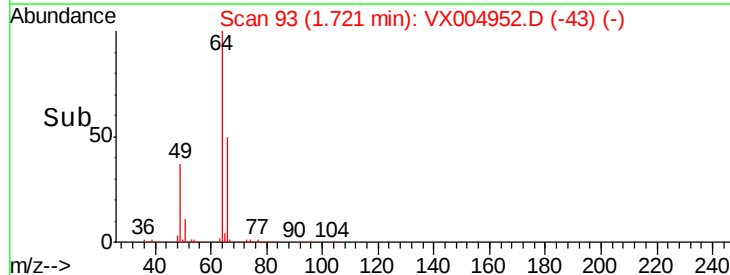
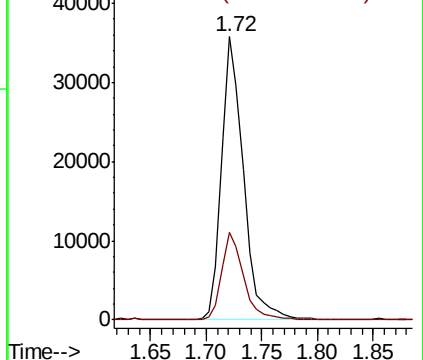
64 100

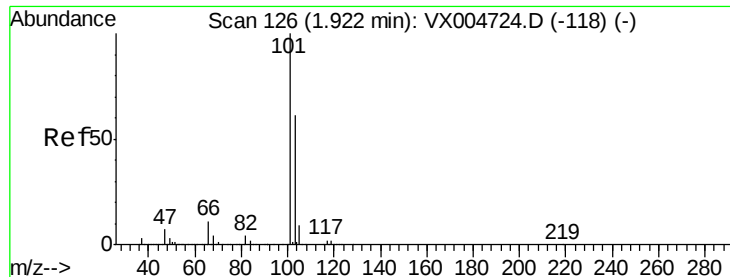
66 30.8 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



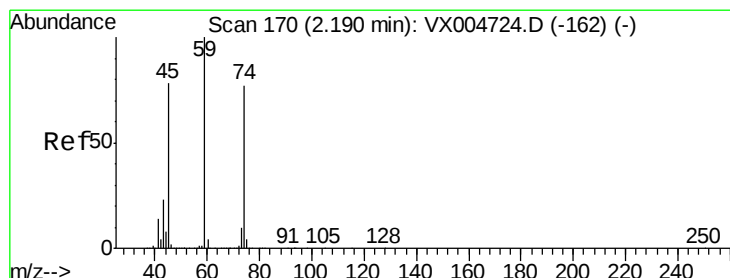
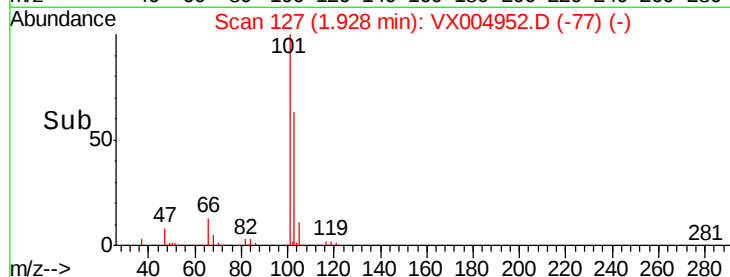
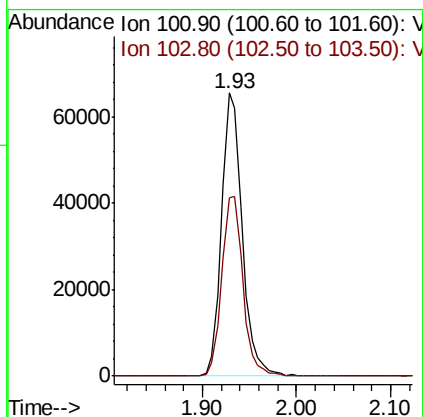
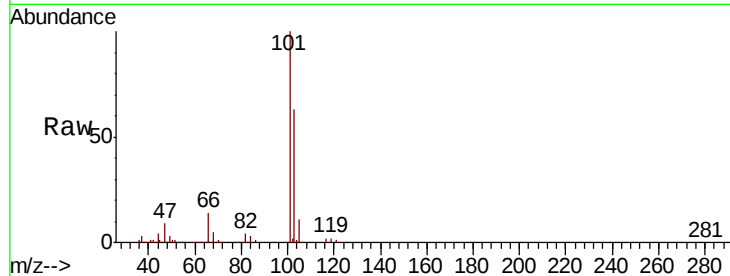


#7

Trichlorofluoromethane
Concen: 22.062 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Instrument :
MSVOA_X
ClientSampleId :
VX1003MBSD01

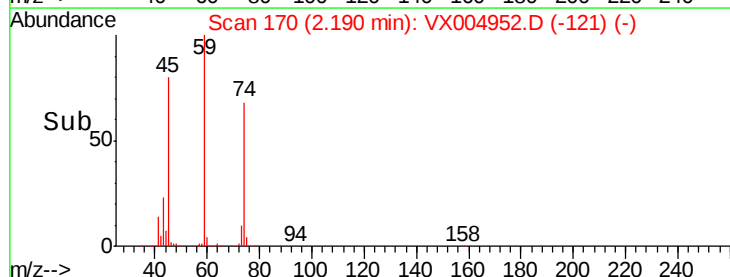
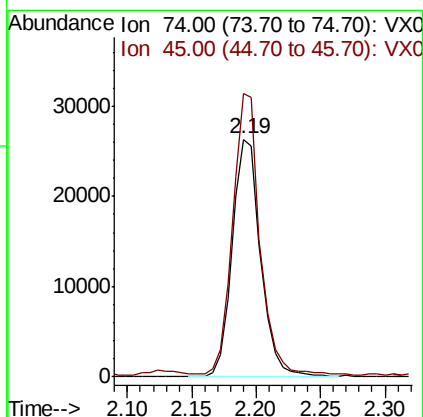
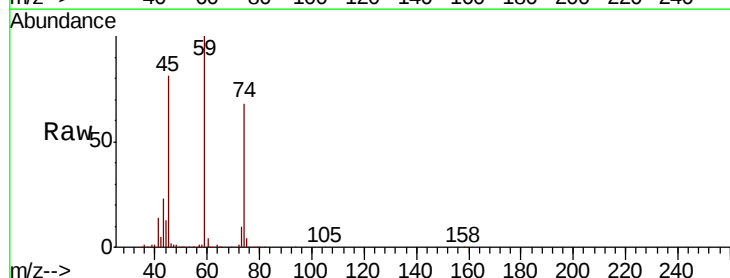
Tot Ion:101 Resp: 99651
Ion Ratio Lower Upper
101 100
103 63.0 48.4 72.6



#8

Diethyl Ether
Concen: 20.651 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Tgt Ion: 74 Resp: 40523
Ion Ratio Lower Upper
74 100
45 113.3 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.443 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBSD01

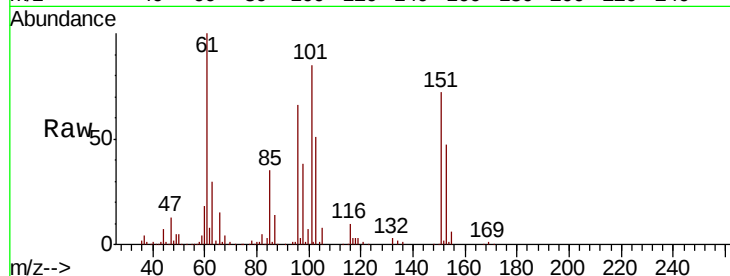
Tot Ion:101 Resp: 55171

Ion Ratio Lower Upper

101 100

85 45.0 35.9 53.9

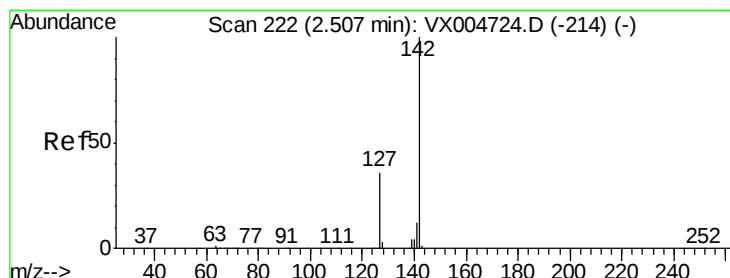
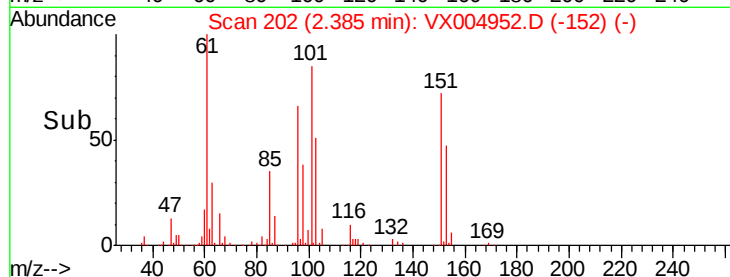
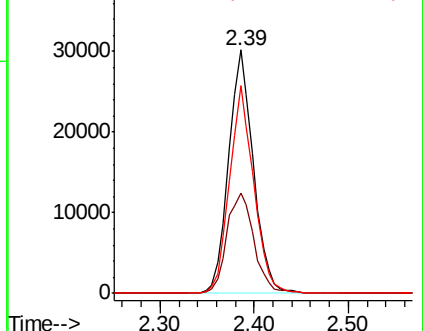
151 83.3 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.829 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

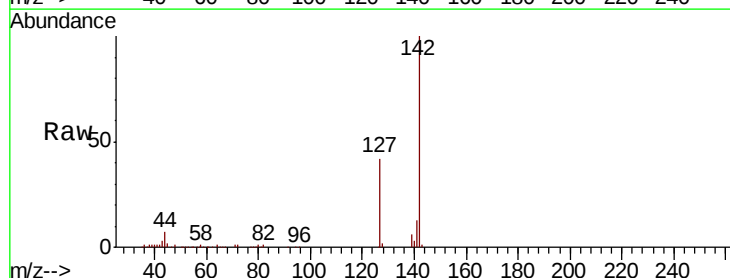
Tgt Ion:142 Resp: 47615

Ion Ratio Lower Upper

142 100

127 44.4 30.1 45.1

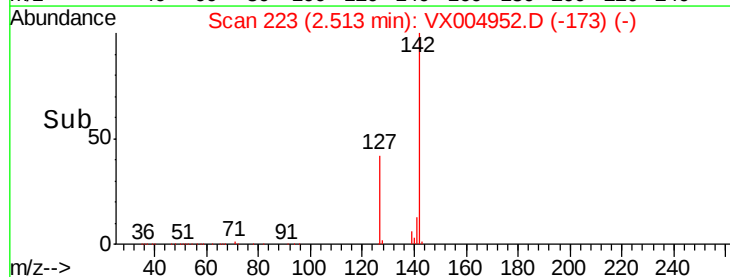
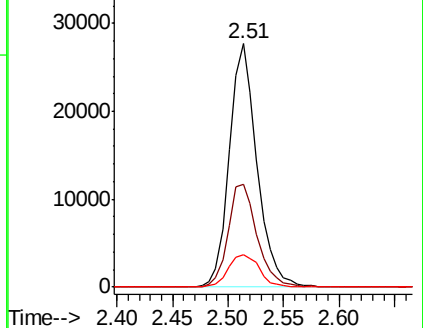
141 15.0 10.1 15.1

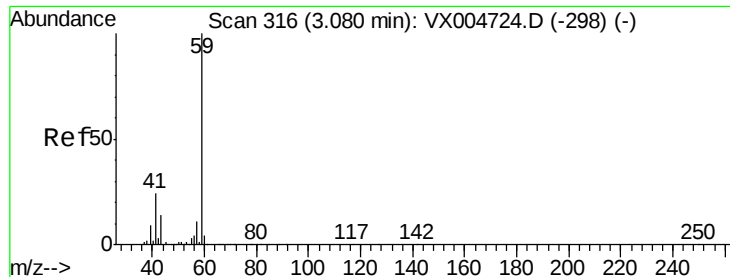


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

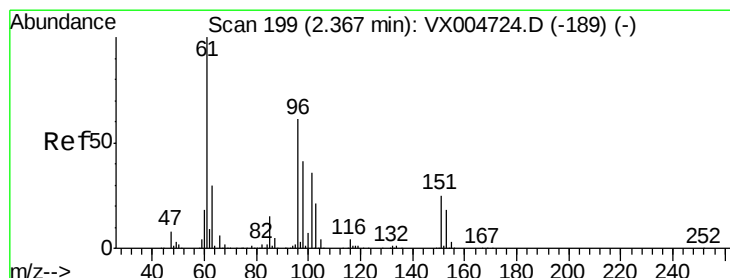
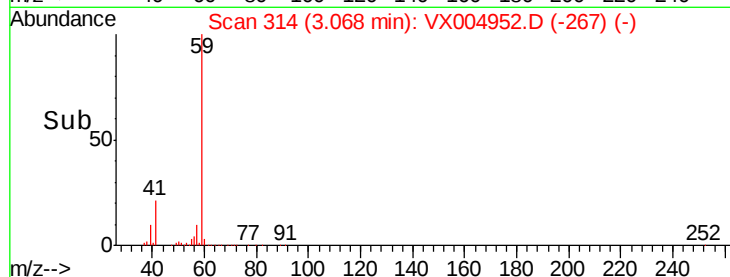
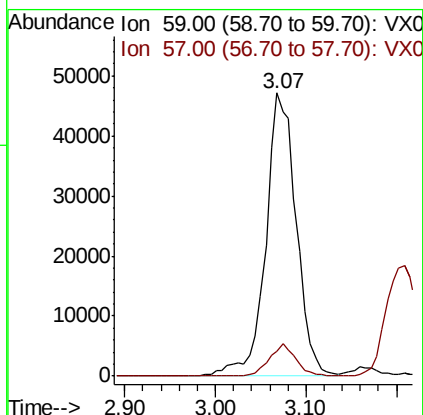
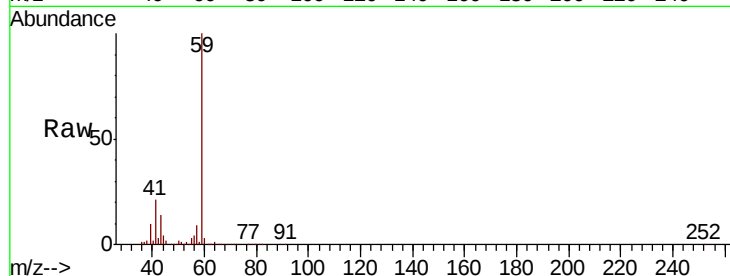




#11
Tert butyl alcohol
Concen: 116.993 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

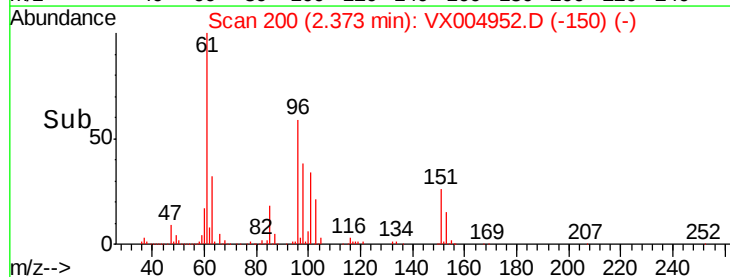
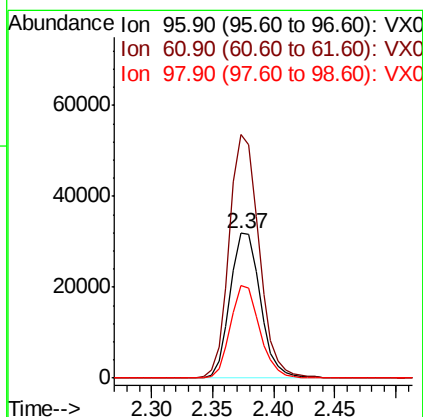
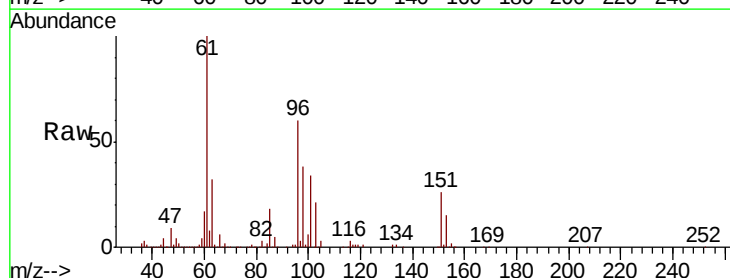
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

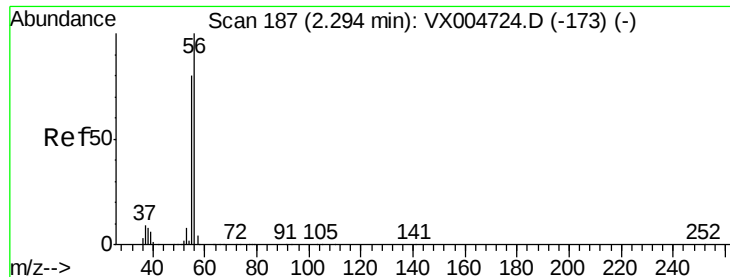
Tot Ion: 59 Resp: 109892
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 21.504 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Tgt Ion: 96 Resp: 54795
Ion Ratio Lower Upper
96 100
61 168.0 130.2 195.4
98 63.8 53.4 80.0





#13

Acrolein

Concen: 28.517 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

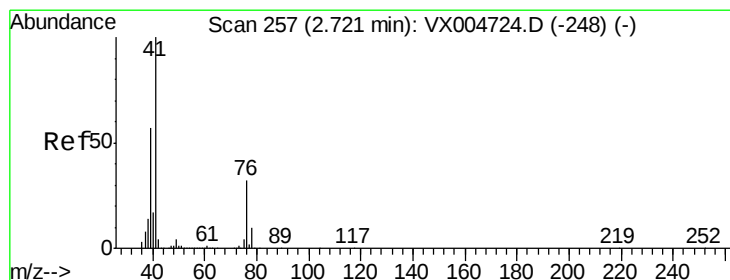
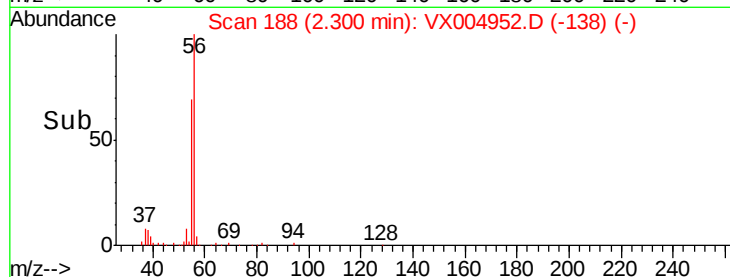
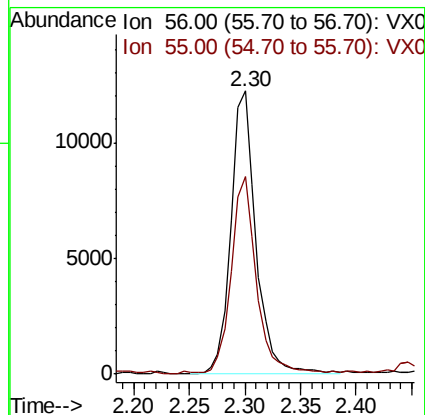
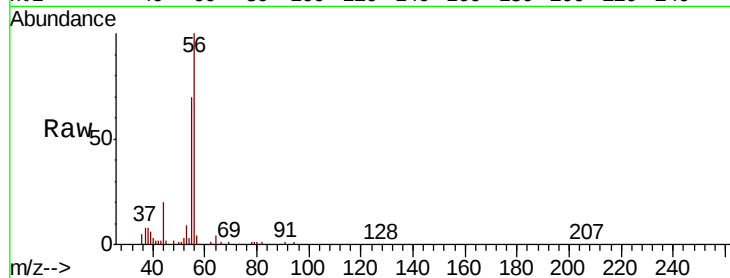
VX1003MBS01

Tot Ion: 56 Resp: 19058

Ion Ratio Lower Upper

56 100

55 71.3 63.4 95.2



#14

Allyl chloride

Concen: 20.572 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

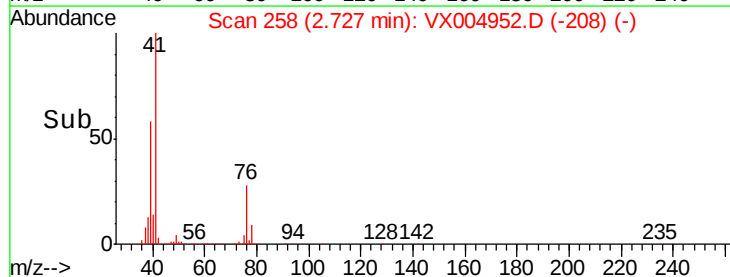
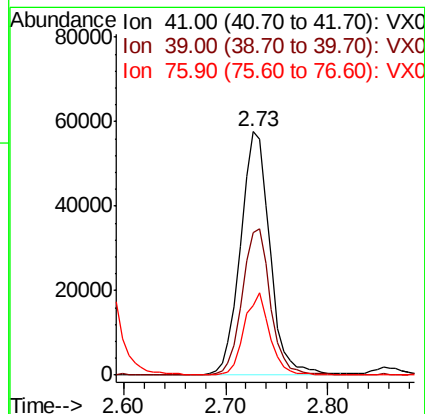
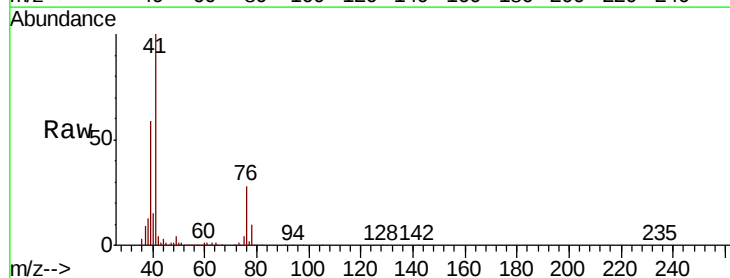
Tgt Ion: 41 Resp: 114373

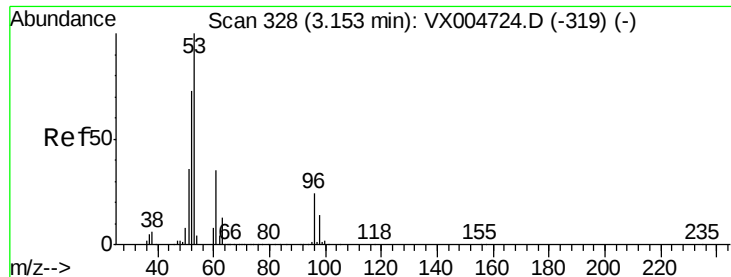
Ion Ratio Lower Upper

41 100

39 57.1 44.1 66.1

76 29.2 25.0 37.4





#15

Acrylonitrile

Concen: 112.793 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

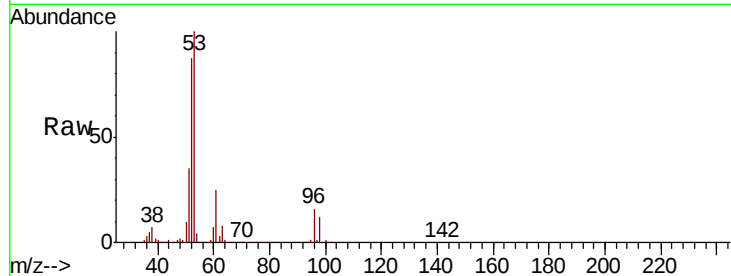
Tot Ion: 53 Resp: 233229

Ion Ratio Lower Upper

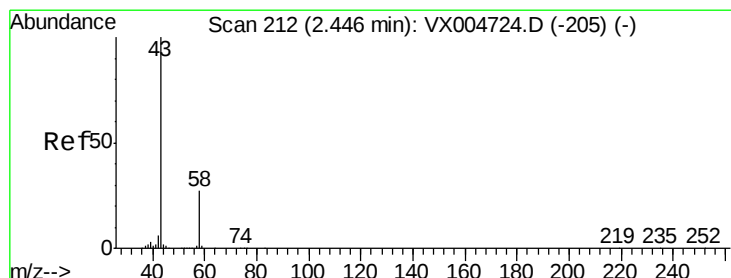
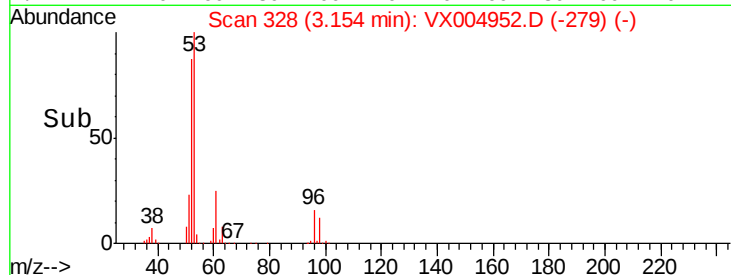
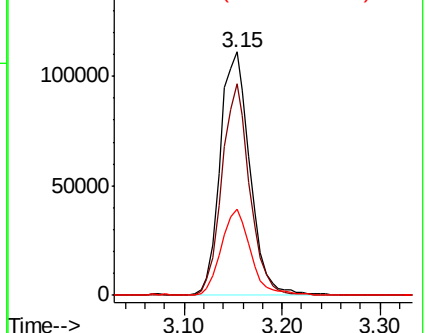
53 100

52 81.6 63.0 94.4

51 35.0 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 105.955 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004952.D

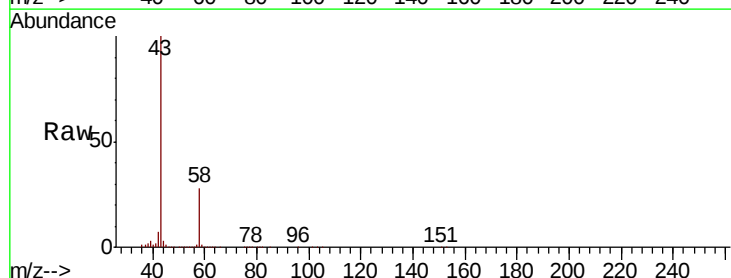
Acq: 03 Oct 2018 07:33

Tgt Ion: 43 Resp: 207804

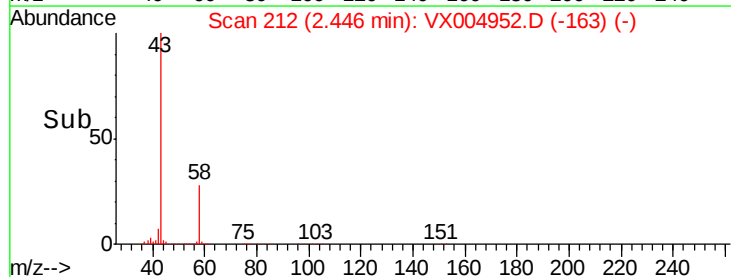
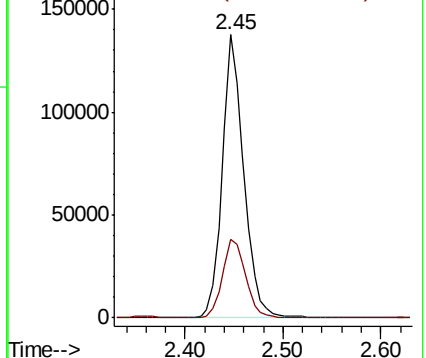
Ion Ratio Lower Upper

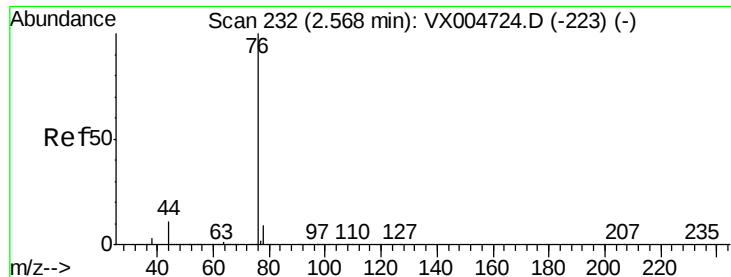
43 100

58 27.8 21.8 32.6



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

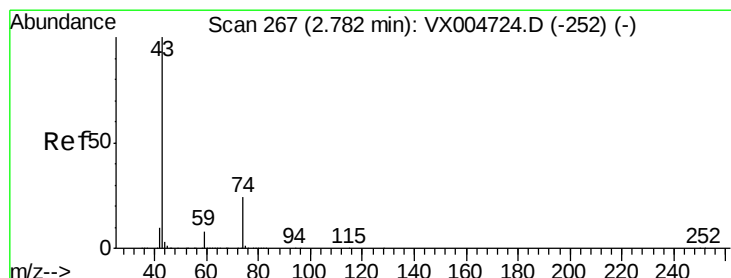
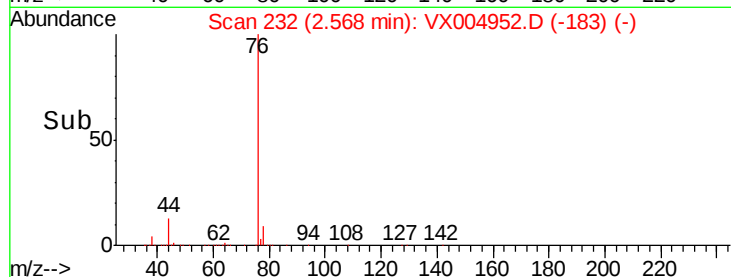
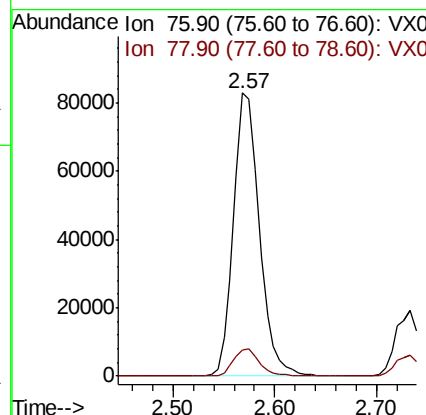
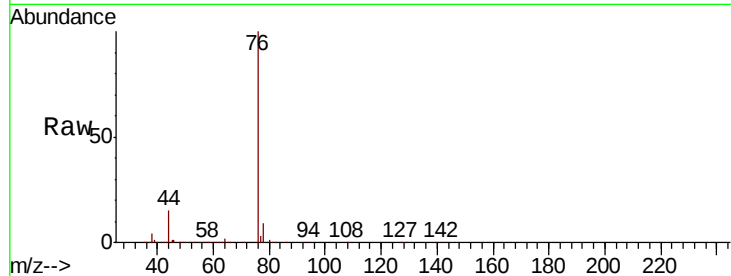




#17
Carbon Disulfide
Concen: 19.055 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

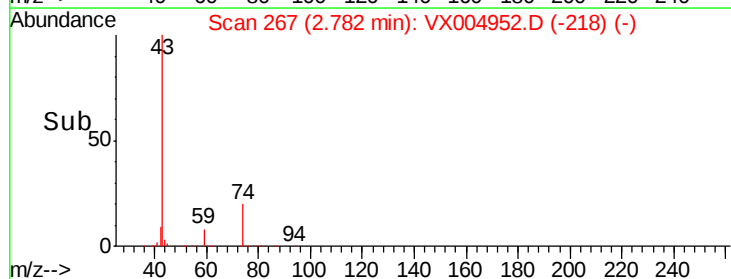
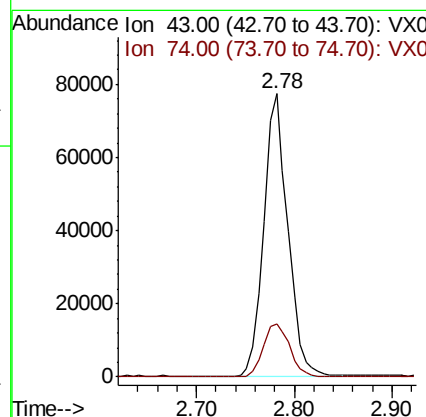
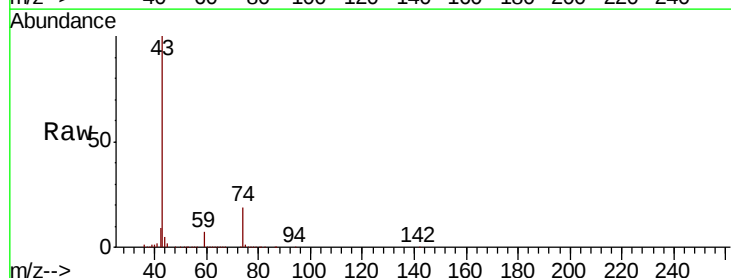
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBSD01

Tot Ion: 76 Resp: 145897
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 26.502 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Tgt Ion: 43 Resp: 131687
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.8

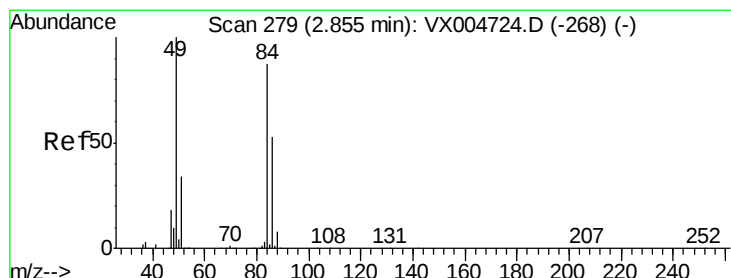
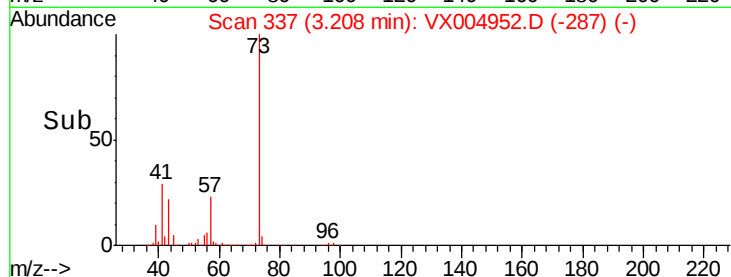
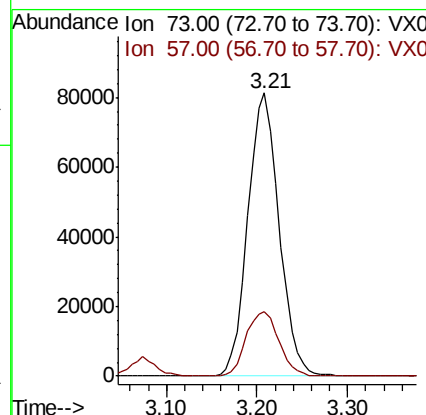
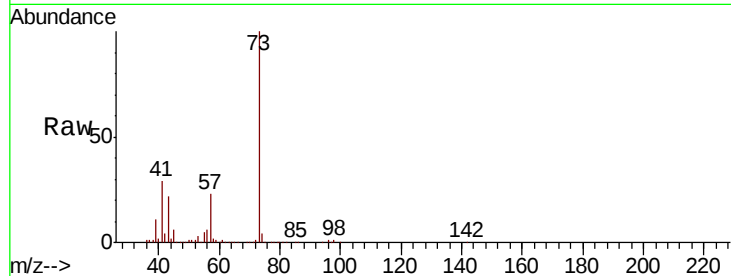




#19
Methyl tert-butyl Ether
Concen: 22.062 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

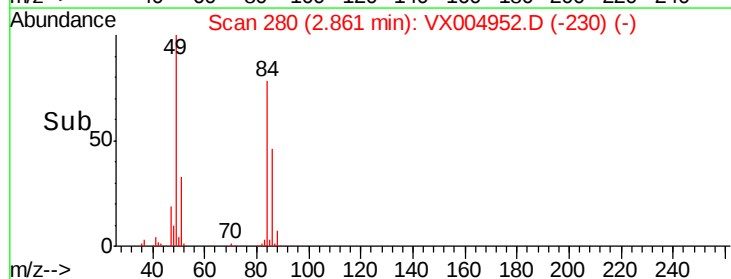
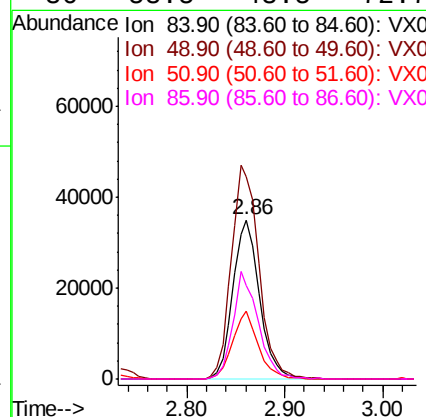
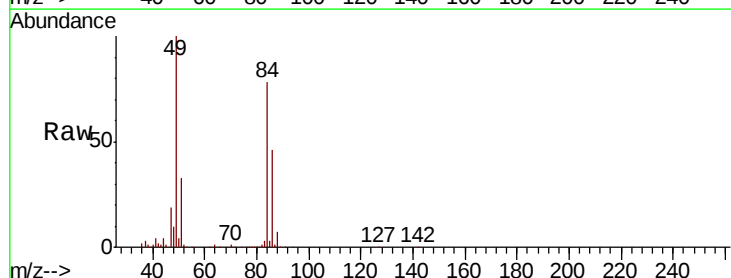
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBSD01

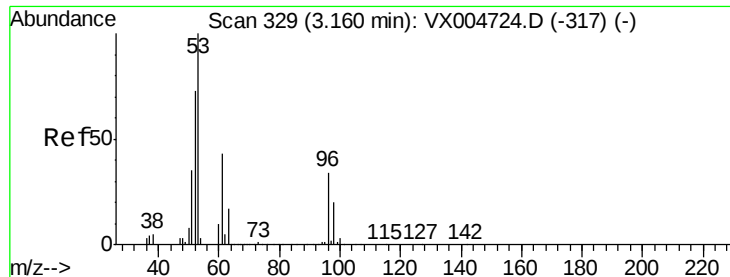
Tot Ion: 73 Resp: 193911
Ion Ratio Lower Upper
73 100
57 22.5 19.9 29.9



#20
Methylene Chloride
Concen: 22.686 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Tgt Ion: 84 Resp: 65998
Ion Ratio Lower Upper
84 100
49 127.6 92.3 138.5
51 42.2 31.8 47.6
86 58.5 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 20.241 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

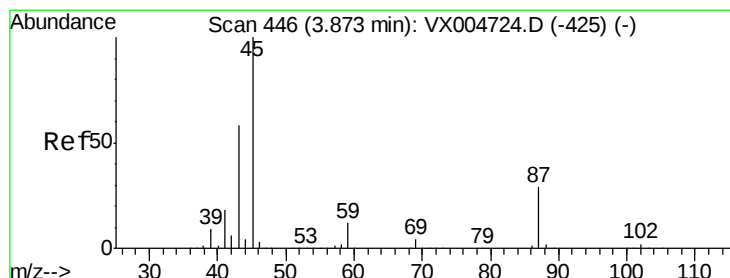
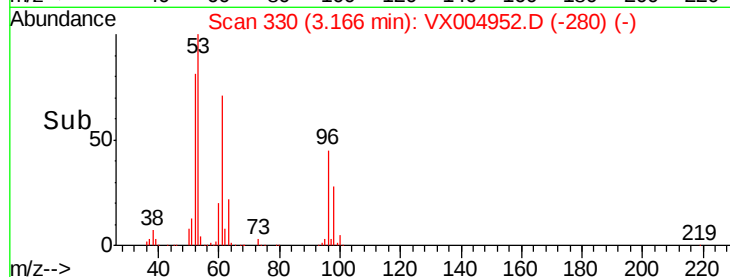
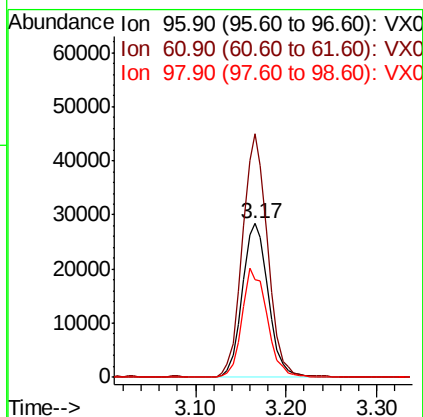
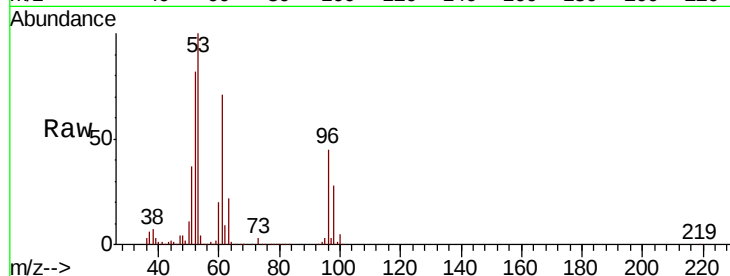
Tot Ion: 96 Resp: 56460

Ion Ratio Lower Upper

96 100

61 157.9 101.0 151.6#

98 63.2 47.2 70.8



#22

Diisopropyl ether

Concen: 23.204 ug/l

RT: 3.88 min Scan# 447

Delta R.T. 0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Tgt Ion: 45 Resp: 217240

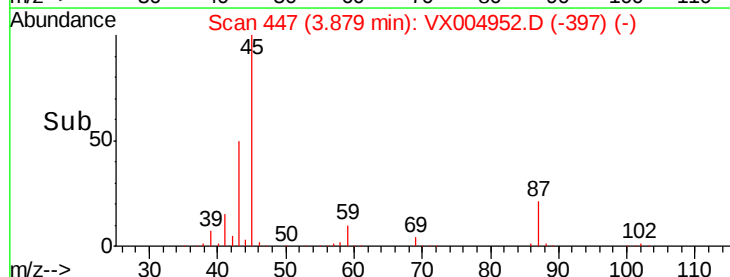
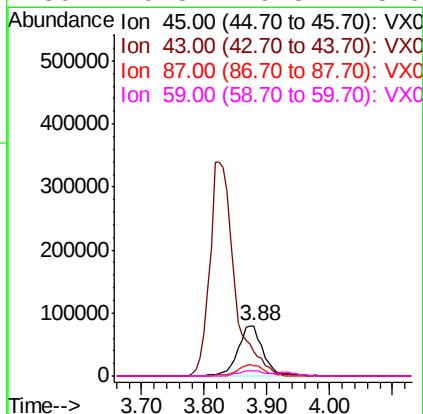
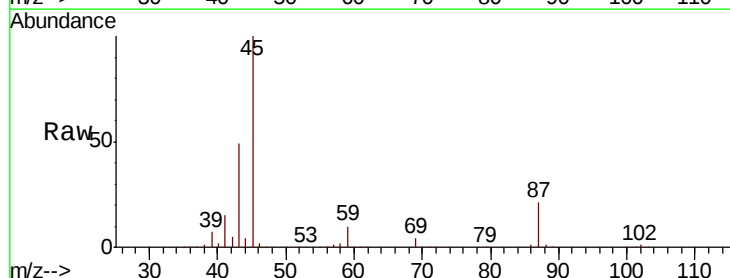
Ion Ratio Lower Upper

45 100

43 48.8 46.7 70.1

87 21.3 22.9 34.3#

59 9.8 9.3 13.9





#23

Vinyl Acetate

Concen: 108.526 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

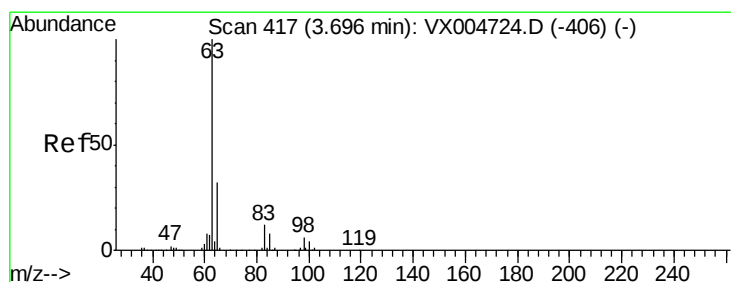
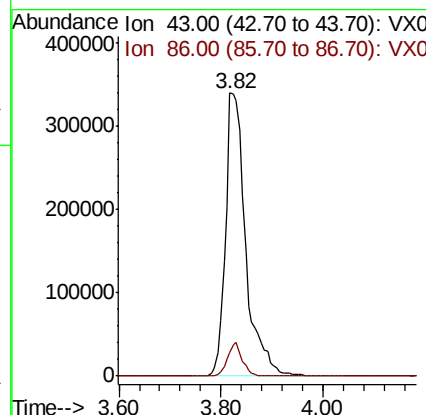
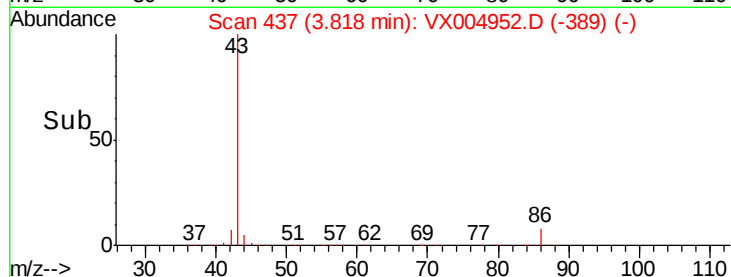
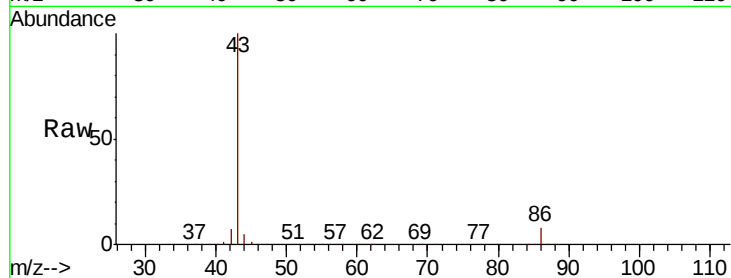
VX1003MBSD01

Tot Ion: 43 Resp: 930034

Ion Ratio Lower Upper

43 100

86 8.1 8.1 12.1



#24

1,1-Dichloroethane

Concen: 22.224 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

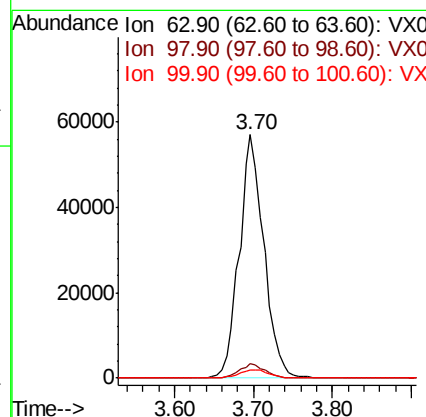
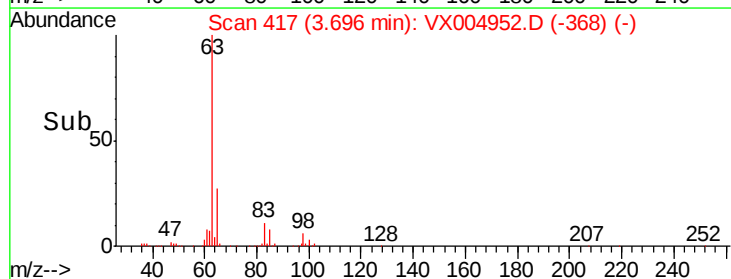
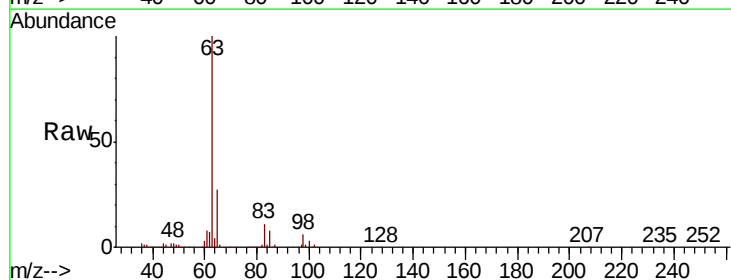
Tgt Ion: 63 Resp: 124110

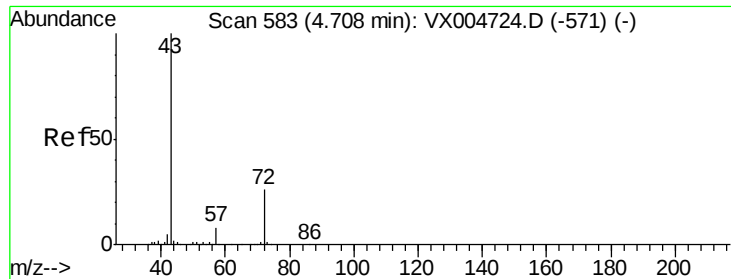
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.5 2.0 5.8





#25

2-Butanone

Concen: 108.046 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

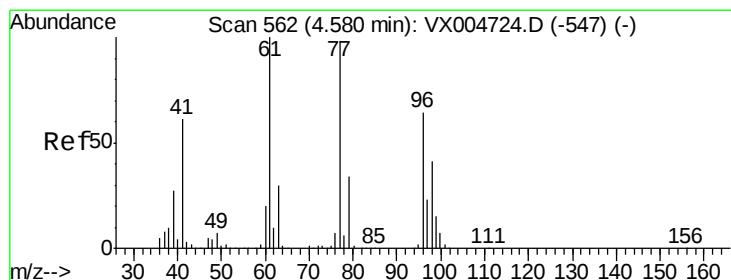
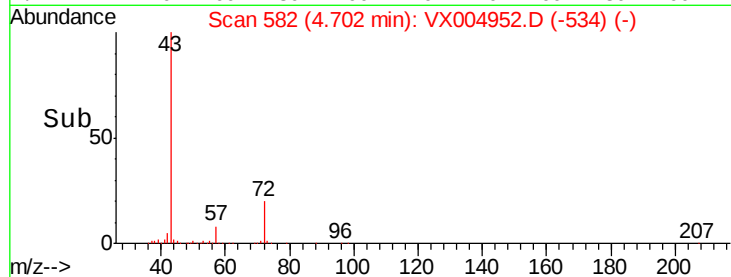
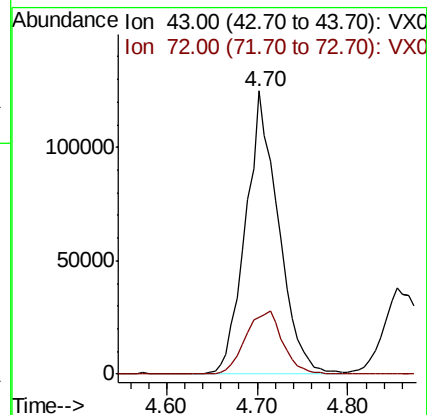
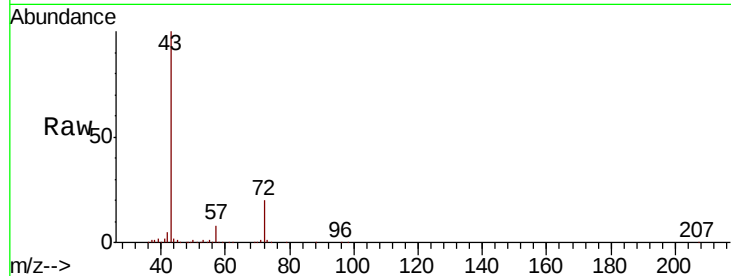
VX1003MBS01

Tot Ion: 43 Resp: 312353

Ion Ratio Lower Upper

43 100

72 20.1 20.8 31.2#



#26

2,2-Dichloropropane

Concen: 11.882 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX004952.D

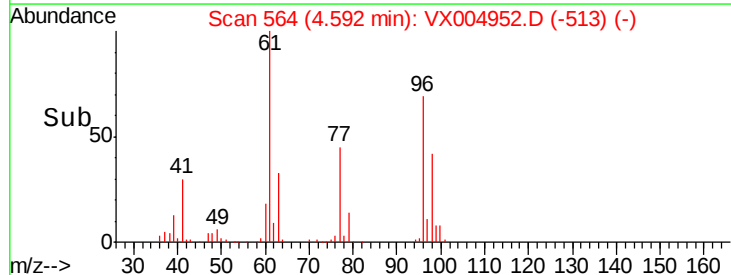
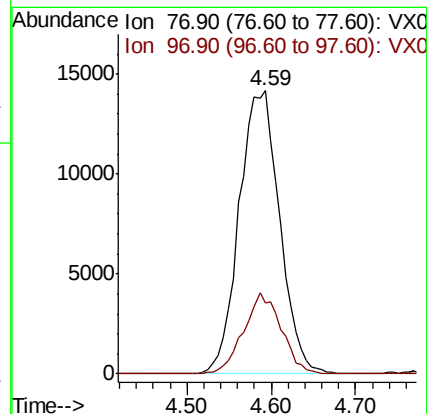
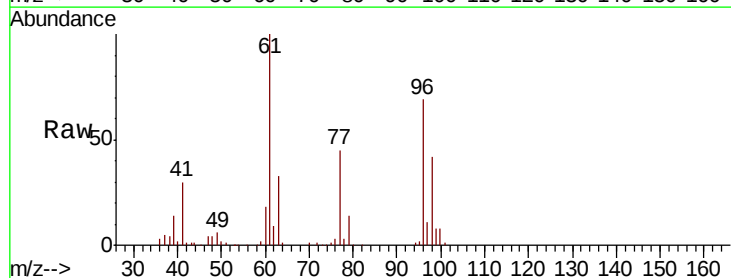
Acq: 03 Oct 2018 07:33

Tgt Ion: 77 Resp: 46207

Ion Ratio Lower Upper

77 100

97 26.5 12.6 37.8



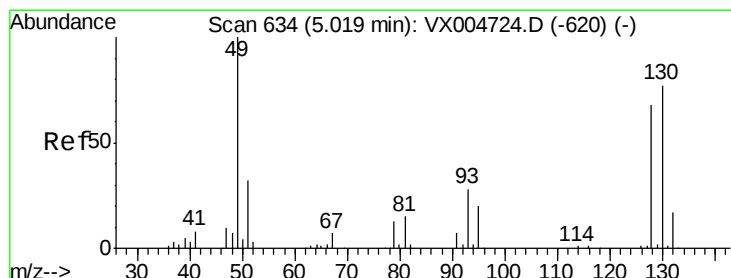
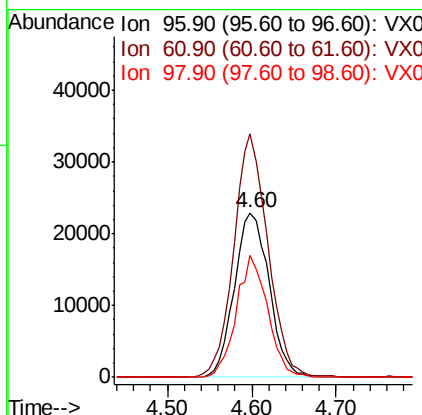
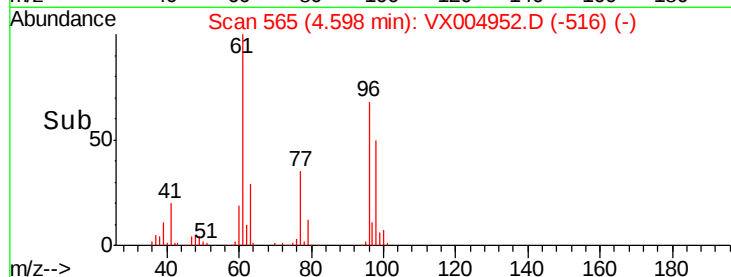
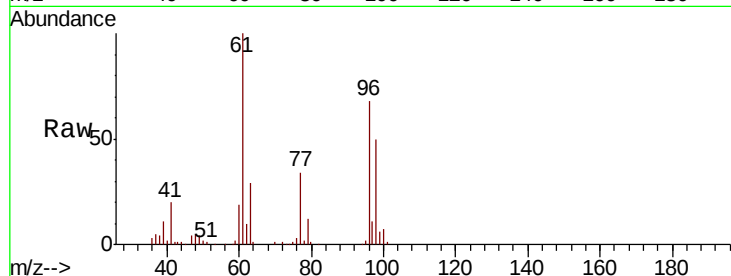


#27

cis-1,2-Dichloroethene
Concen: 20.574 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Instrument :
MSVOA_X
ClientSampleId :
VX1003MBSD01

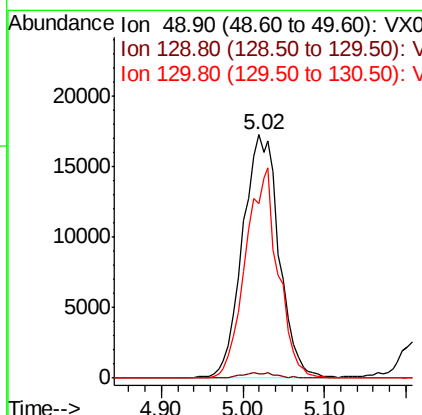
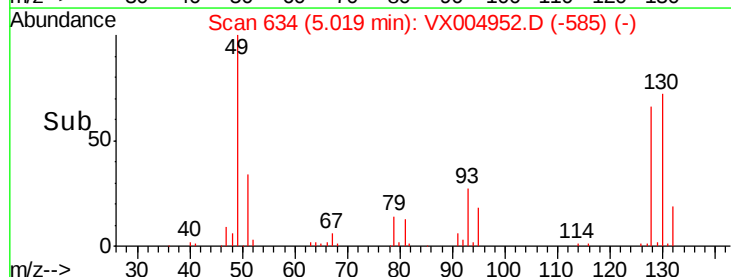
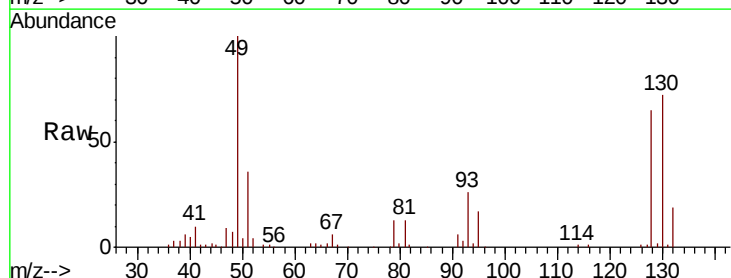
Tot Ion: 96 Resp: 64111
Ion Ratio Lower Upper
96 100
61 144.6 0.0 285.8
98 66.5 0.0 136.2

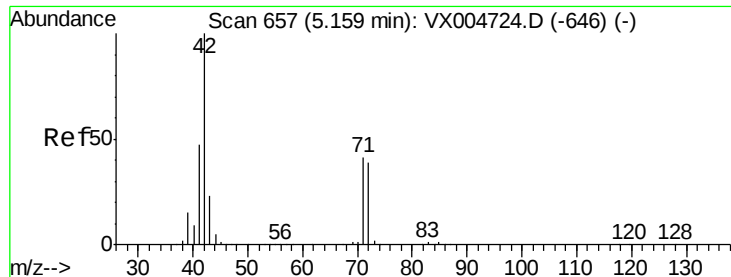


#28

Bromochloromethane
Concen: 20.416 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Tgt Ion: 49 Resp: 53692
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 77.2 62.0 93.0





#29

Tetrahydrofuran

Concen: 110.781 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBSD01

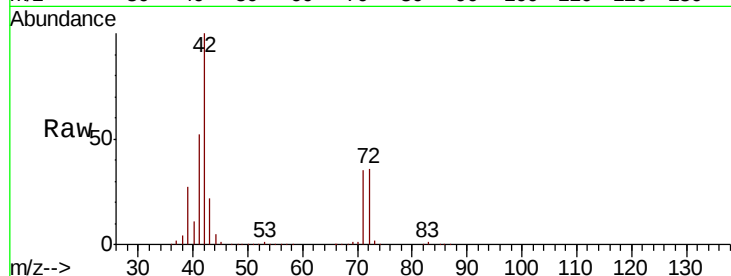
Tot Ion: 42 Resp: 199053

Ion Ratio Lower Upper

42 100

72 42.5 33.7 50.5

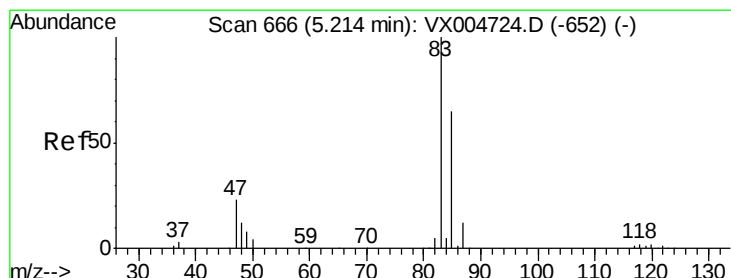
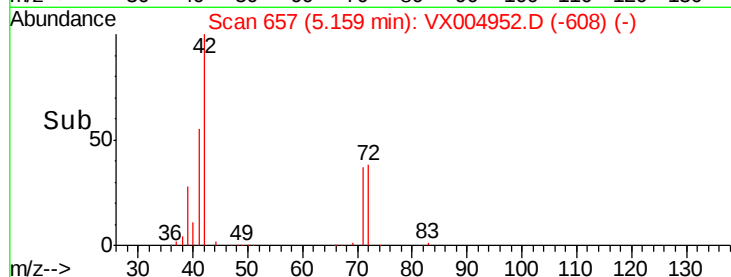
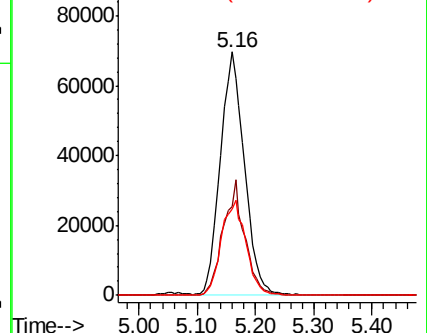
71 39.9 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.697 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX004952.D

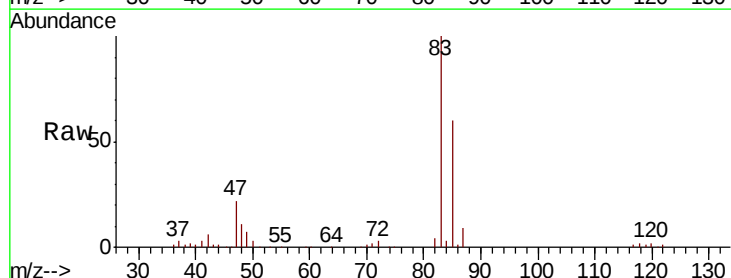
Acq: 03 Oct 2018 07:33

Tgt Ion: 83 Resp: 114518

Ion Ratio Lower Upper

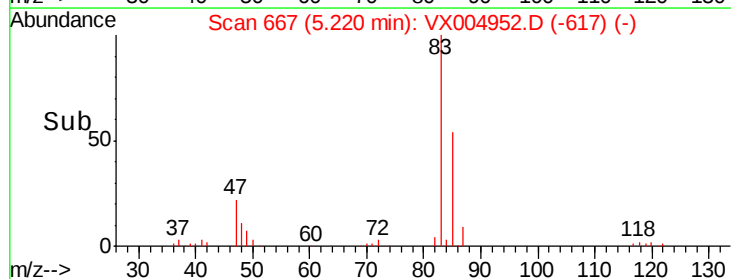
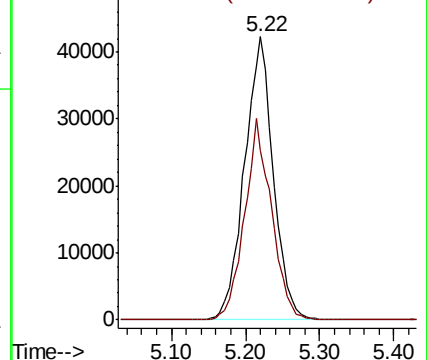
83 100

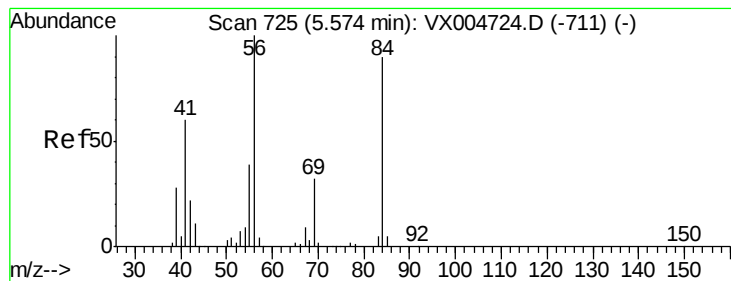
85 60.1 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 23.461 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

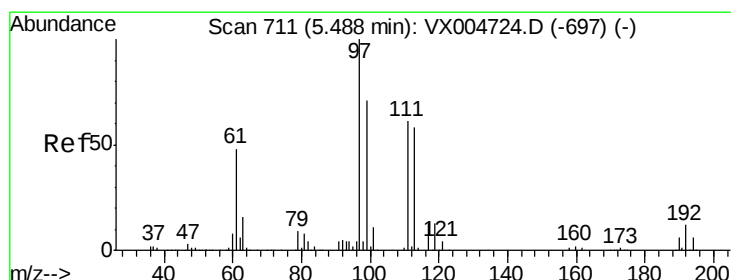
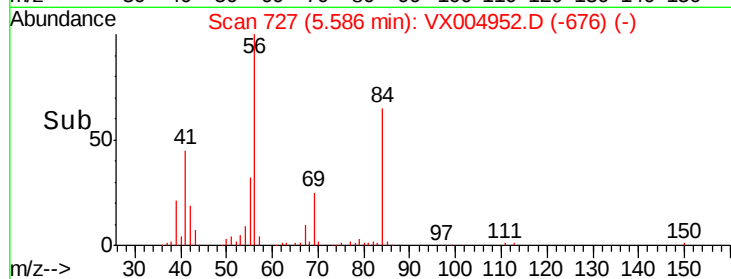
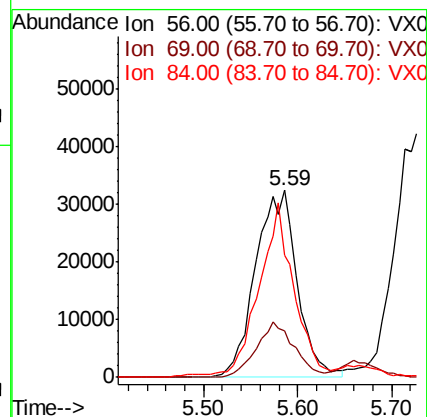
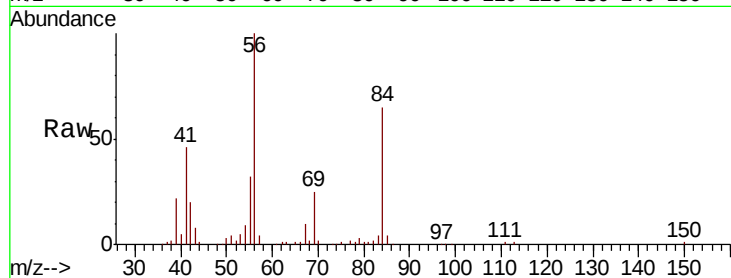
Tot Ion: 56 Resp: 100281

Ion Ratio Lower Upper

56 100

69 25.1 25.9 38.9#

84 63.8 71.9 107.9#



#32

1,1,1-Trichloroethane

Concen: 21.893 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

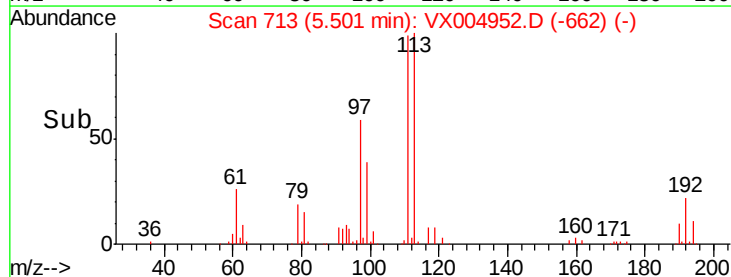
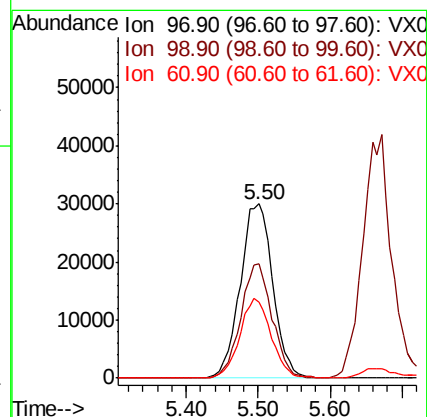
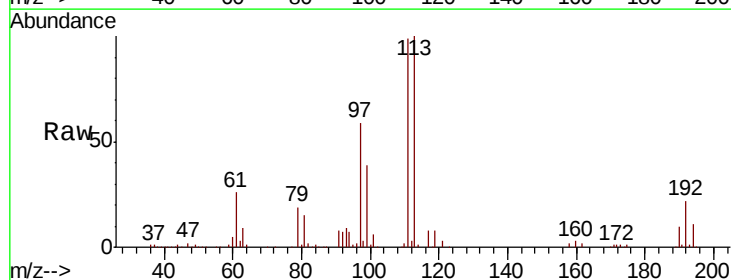
Tgt Ion: 97 Resp: 94370

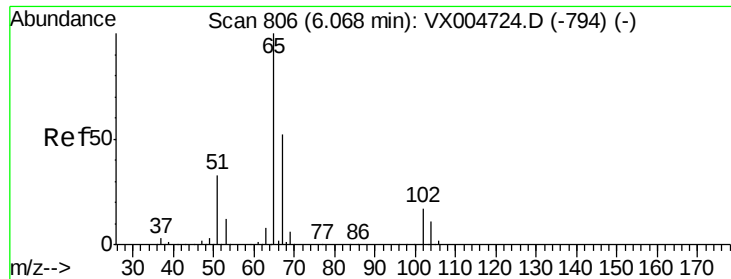
Ion Ratio Lower Upper

97 100

99 63.1 54.6 82.0

61 43.9 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 54.301 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

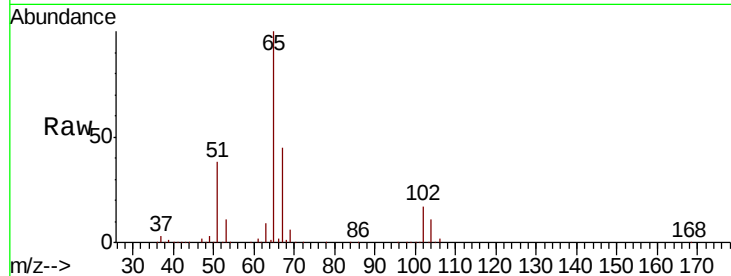
VX1003MBS01

Tot Ion: 65 Resp: 182414

Ion Ratio Lower Upper

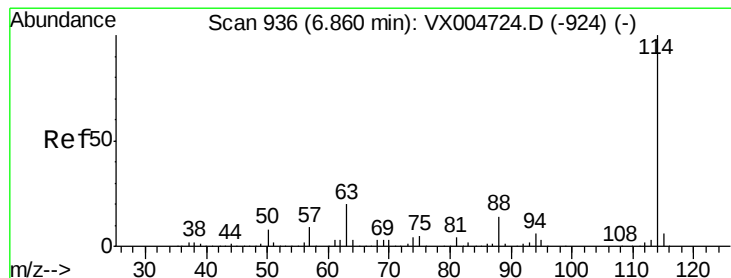
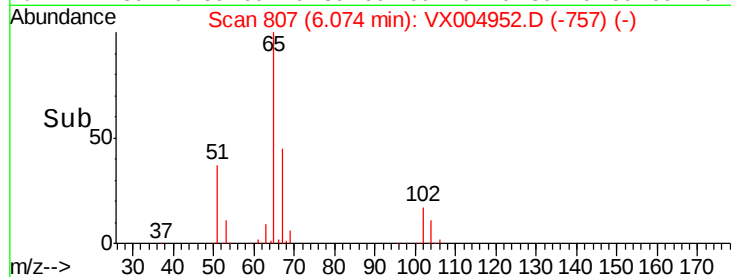
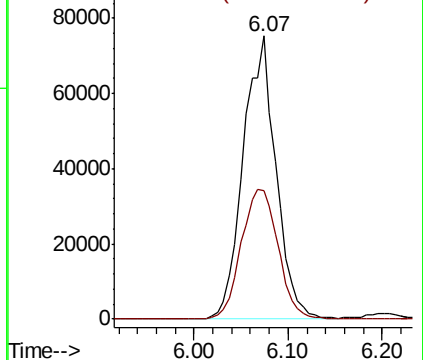
65 100

67 51.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

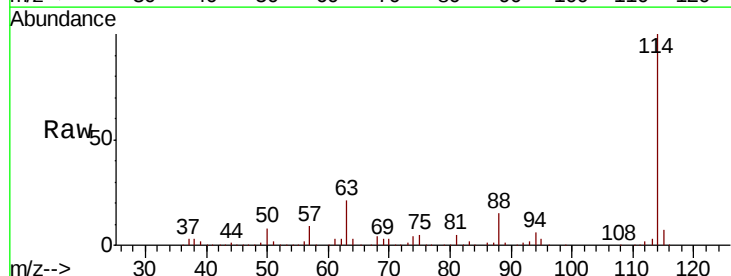
Tgt Ion: 114 Resp: 344480

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.8

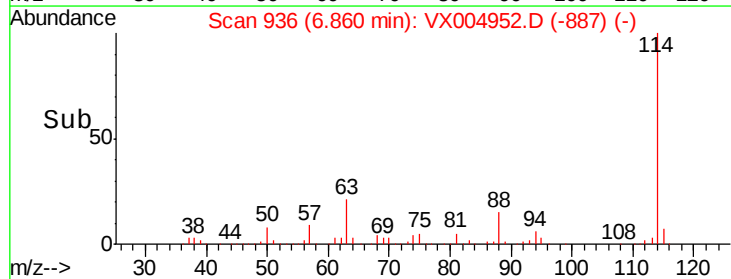
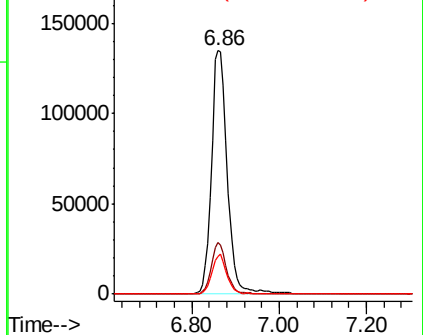
88 15.3 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

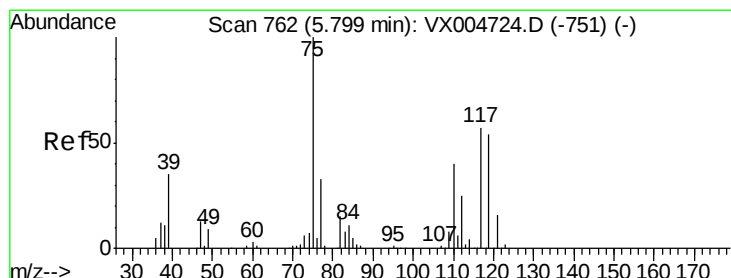
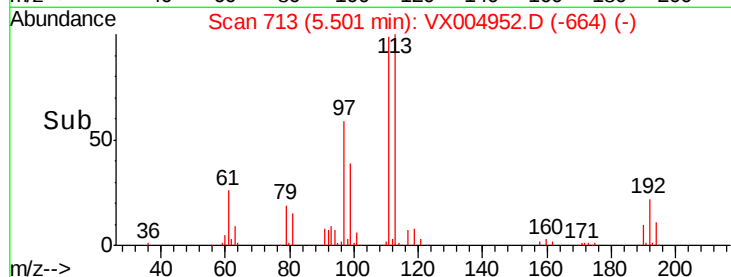
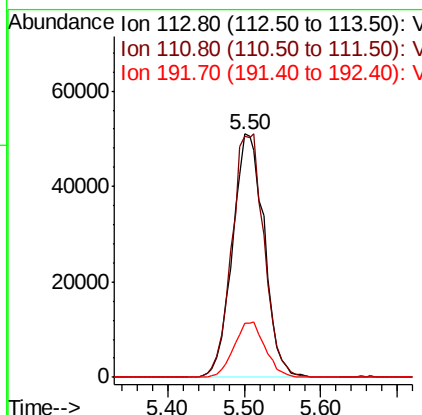
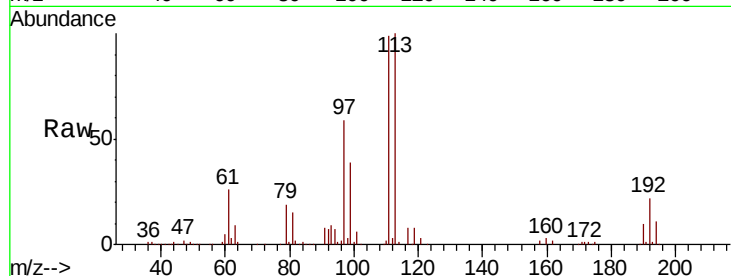




#35
 Dibromofluoromethane
 Concen: 50.083 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

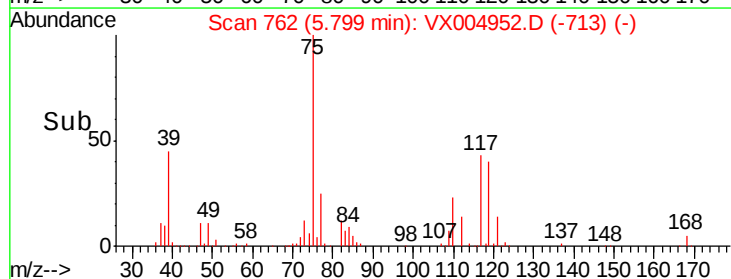
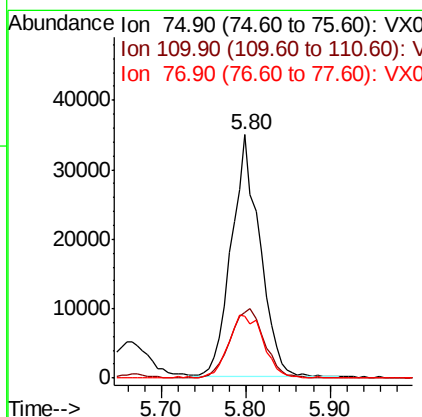
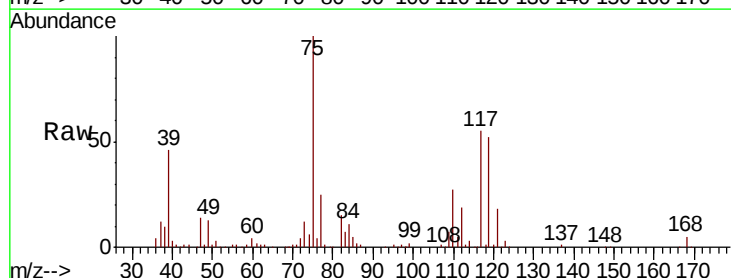
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBSD01

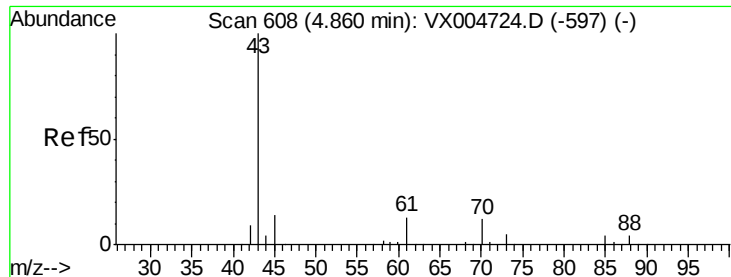
Tot Ion:113 Resp: 146217
 Ion Ratio Lower Upper
 113 100
 111 101.5 77.0 115.4
 192 22.4 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 20.142 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

Tgt Ion: 75 Resp: 80230
 Ion Ratio Lower Upper
 75 100
 110 34.2 20.0 59.9
 77 32.1 27.1 40.7





#37

Ethyl Acetate

Concen: 20.801 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

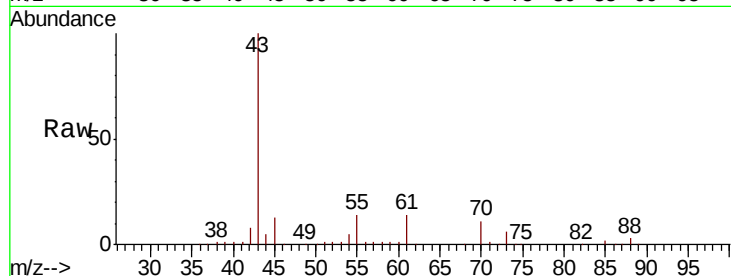
Tot Ion: 43 Resp: 109982

Ion Ratio Lower Upper

43 100

61 13.9 10.4 15.6

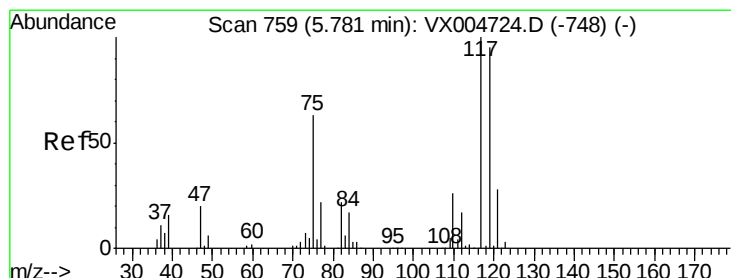
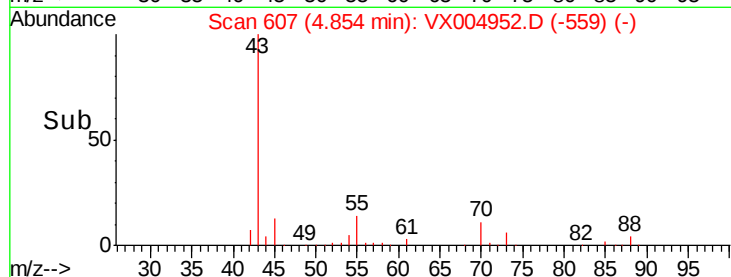
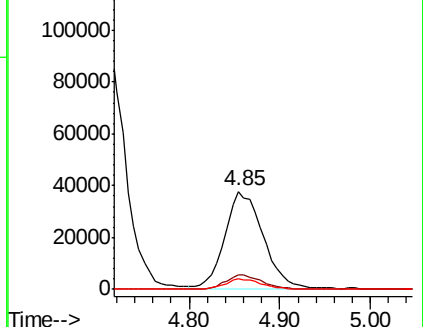
70 10.2 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX004724.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX004724.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 19.437 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

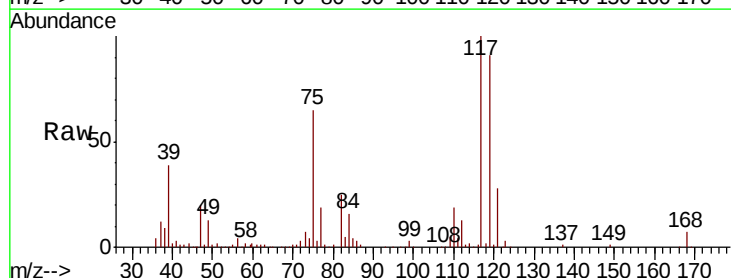
Tgt Ion: 117 Resp: 81386

Ion Ratio Lower Upper

117 100

119 91.2 75.2 112.8

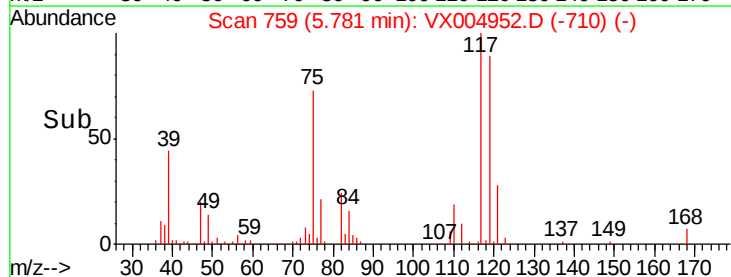
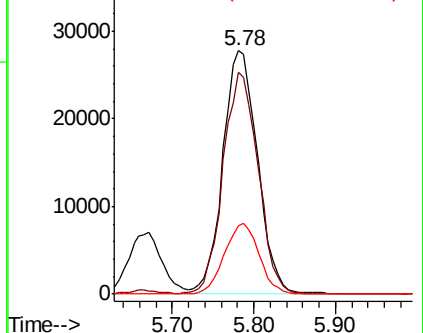
121 28.1 22.5 33.7

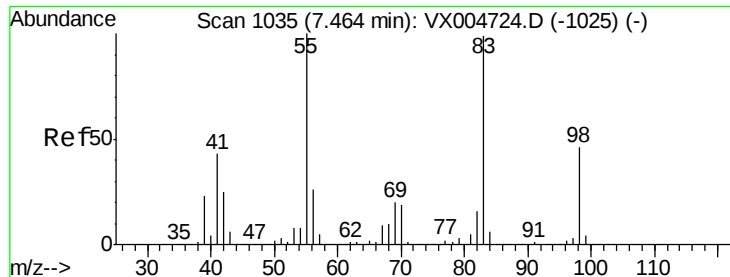


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX004724.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX004724.D (-748) (-)

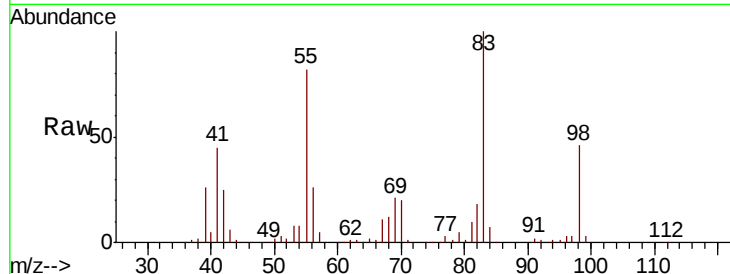




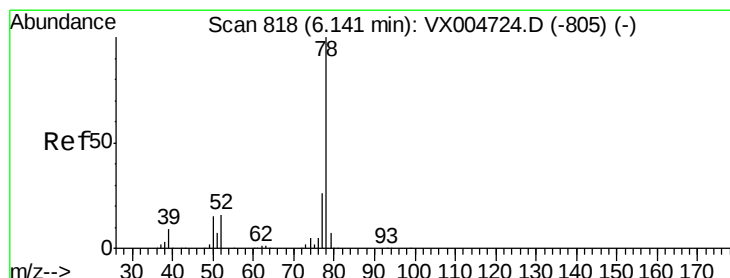
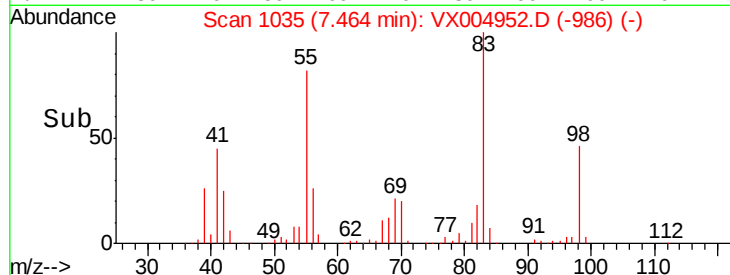
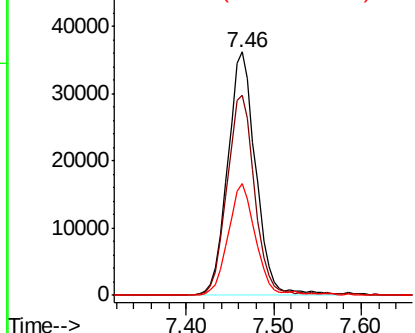
#39
Methylvlcvclohexane
Concen: 19.941 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Instrument :
MSVOA_X
ClientSampleId :
VX1003MBSD01

Tot Ion: 83 Resp: 81106
Ion Ratio Lower Upper
83 100
55 82.1 81.1 121.7
98 45.8 37.3 55.9

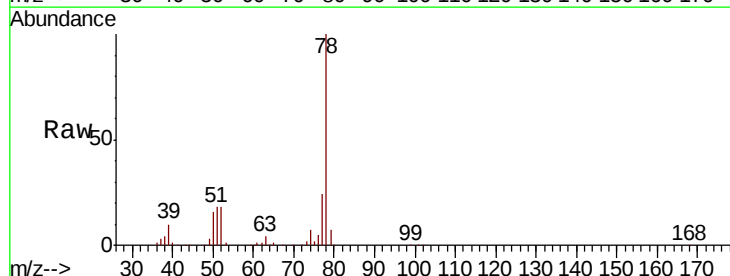


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

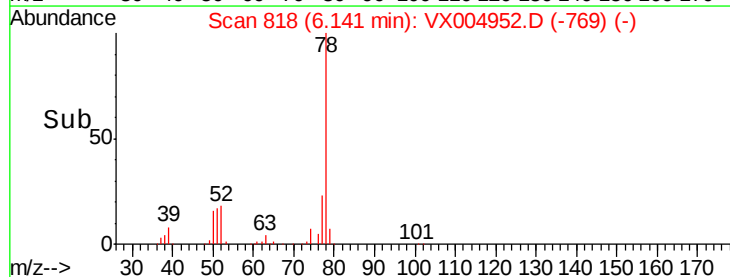
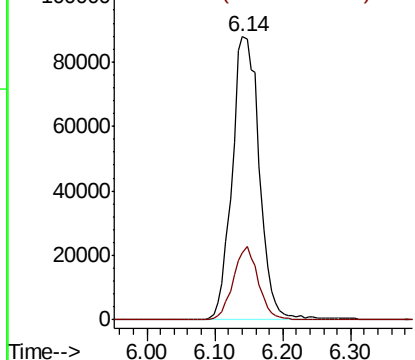


#40
Benzene
Concen: 19.681 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Tgt Ion: 78 Resp: 245428
Ion Ratio Lower Upper
78 100
77 23.7 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

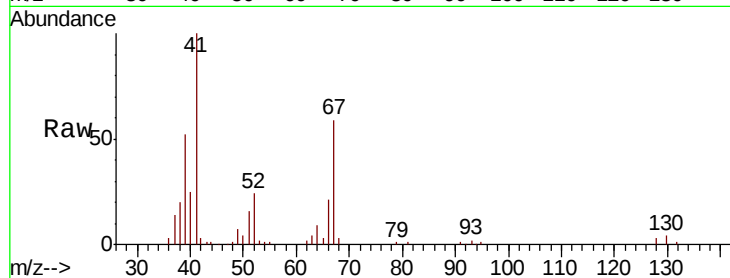




#41
Methacrylonitrile
Concen: 20.662 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Instrument :
MSVOA_X
ClientSampleID :
VX1003MBS01

Tot Ion:	41	Resp:	60588
Ion	Ratio	Lower	Upper
41	100		
39	59.0	42.5	63.7
67	70.3	53.0	79.6
52	29.7	19.8	29.8



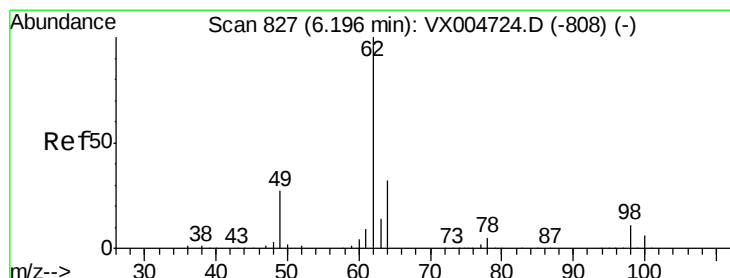
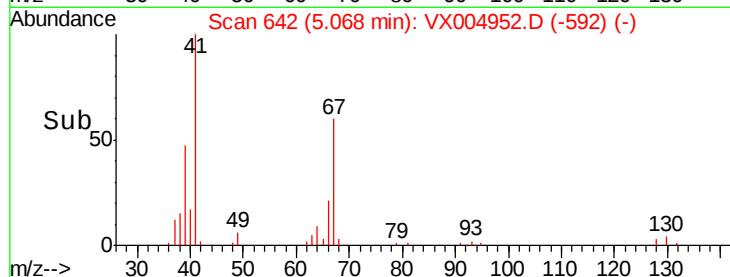
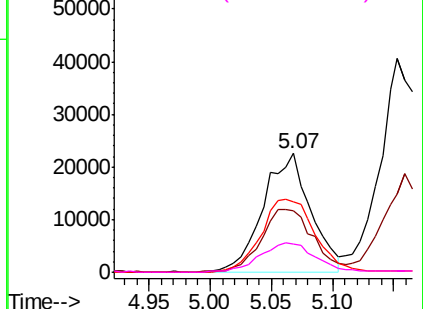
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

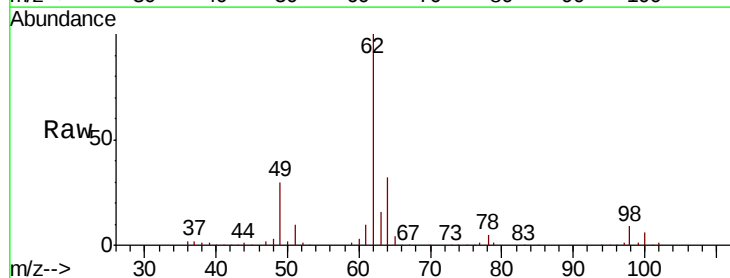
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.812 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

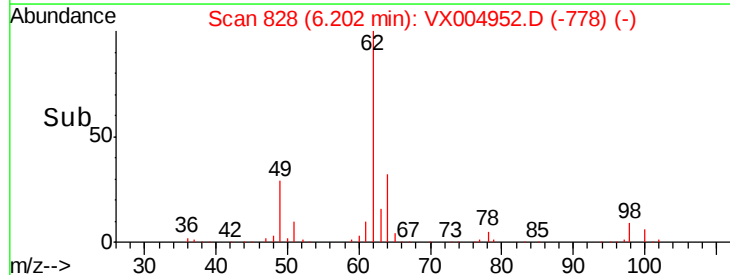
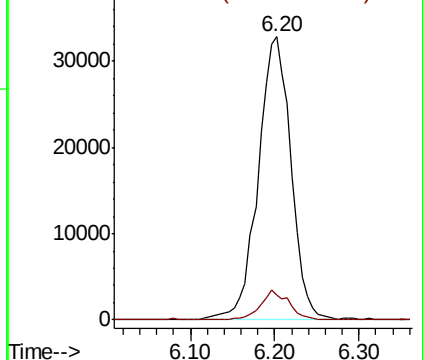
Tgt Ion:	62	Resp:	87341
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2



Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.817 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBSD01

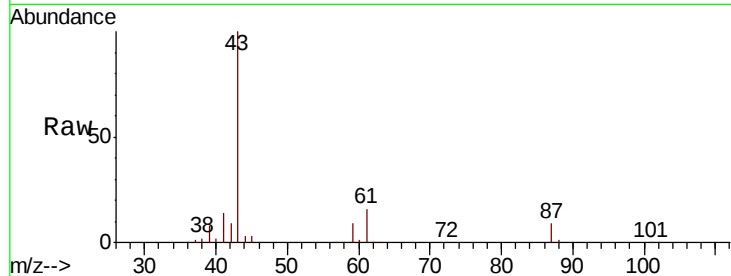
Tot Ion: 43 Resp: 158871

Ion Ratio Lower Upper

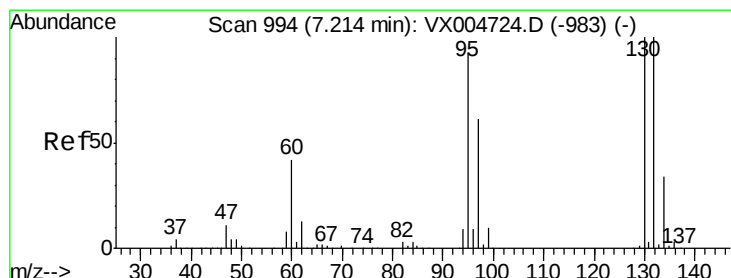
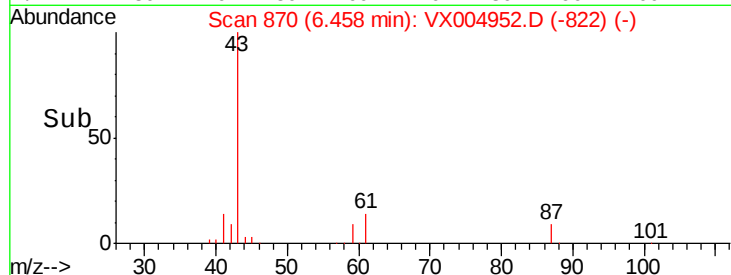
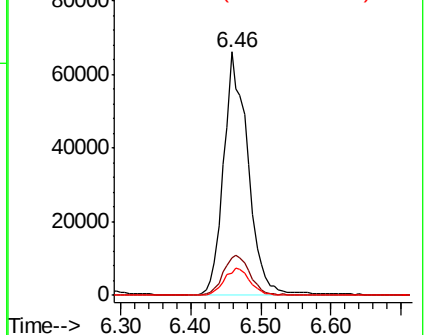
43 100

61 18.4 14.2 21.4

87 11.9 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 21.063 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004952.D

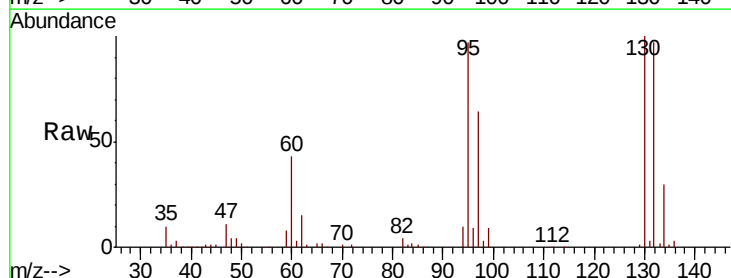
Acq: 03 Oct 2018 07:33

Tgt Ion:130 Resp: 64571

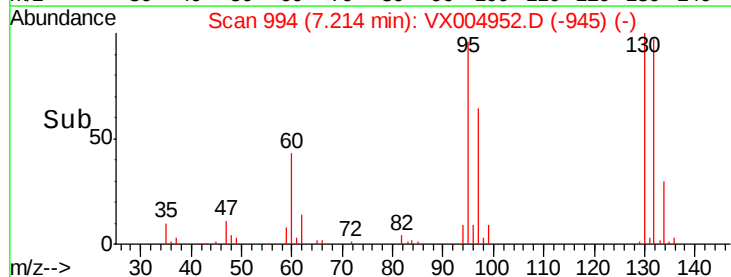
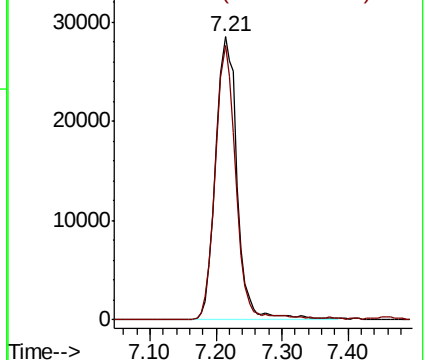
Ion Ratio Lower Upper

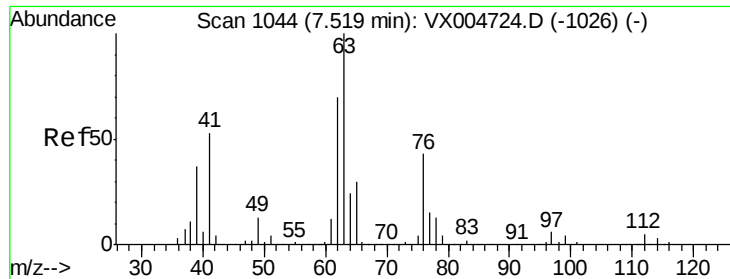
130 100

95 96.8 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

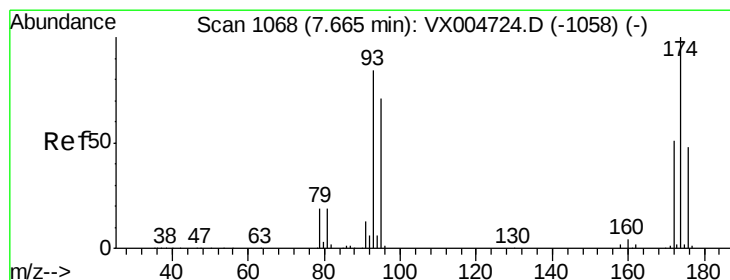
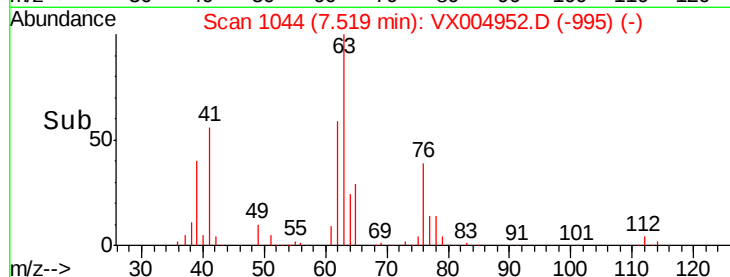
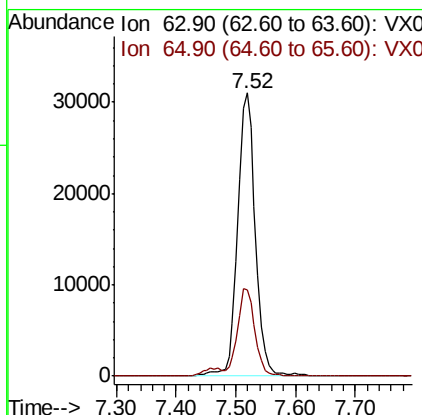
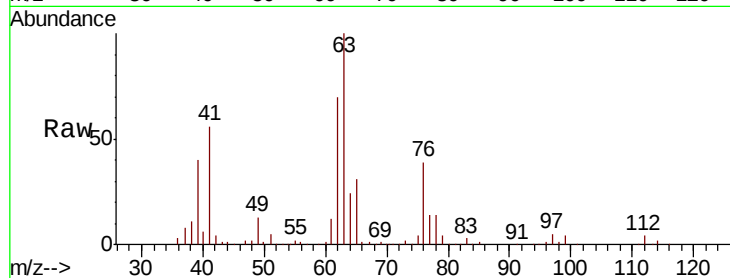




#45
 1,2-Dichloropropane
 Concen: 21.039 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

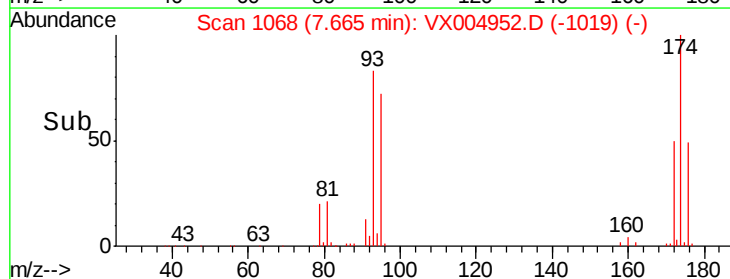
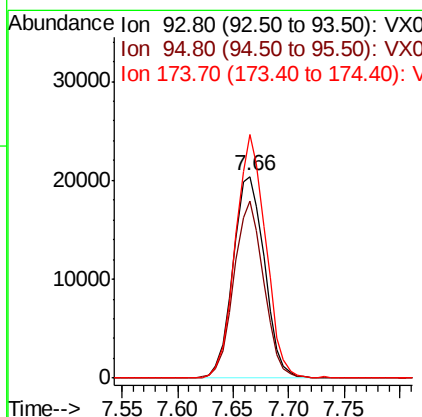
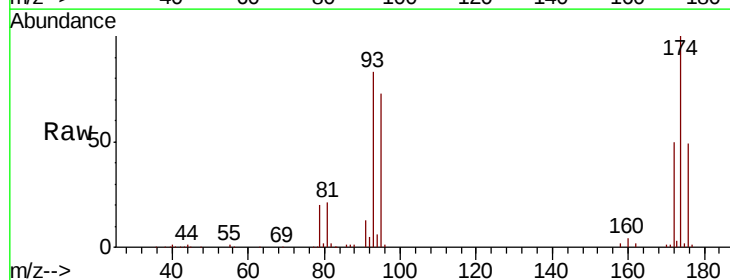
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBSD01

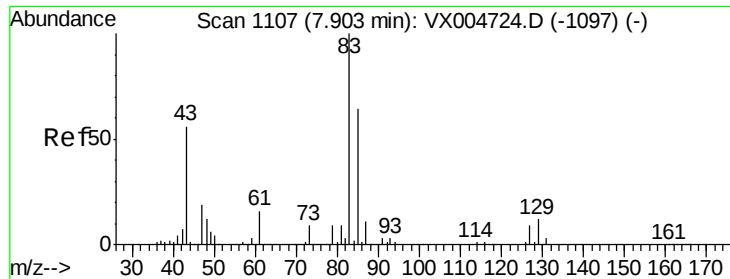
Tot Ion: 63 Resp: 64340
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.9 35.9



#46
 Dibromomethane
 Concen: 20.770 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

Tgt Ion: 93 Resp: 39918
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.7 100.1
 174 116.3 92.7 139.1





#47

Bromodichloromethane

Concen: 21.321 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

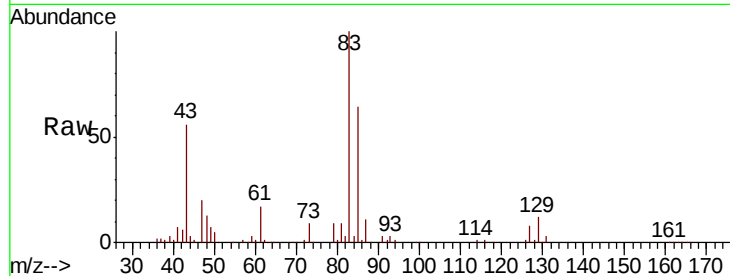
Tot Ion: 83 Resp: 76719

Ion Ratio Lower Upper

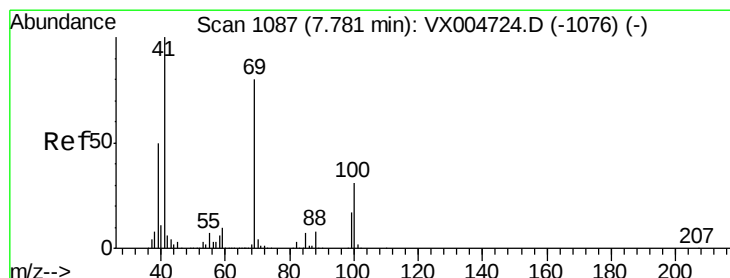
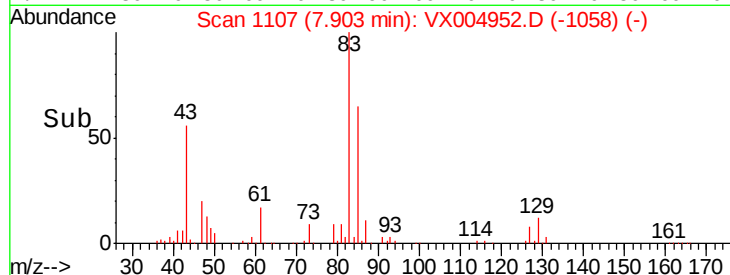
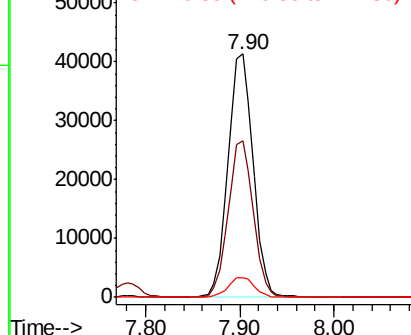
83 100

85 64.5 51.2 76.8

127 8.3 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.158 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

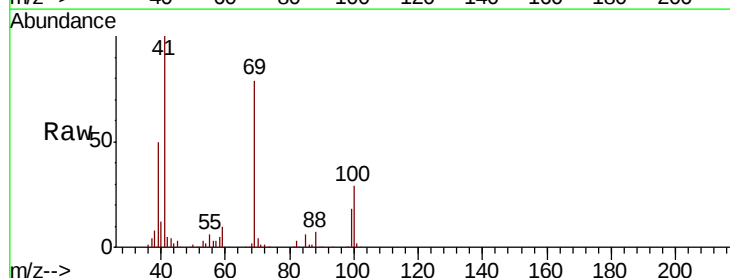
Tgt Ion: 41 Resp: 76754

Ion Ratio Lower Upper

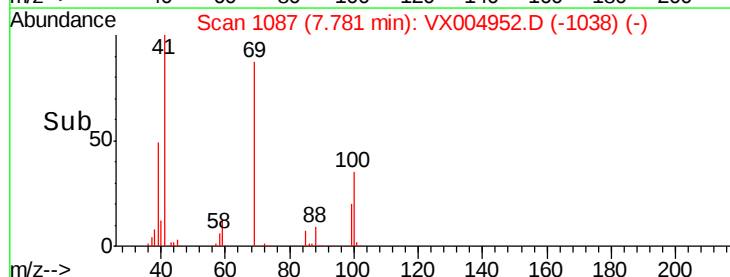
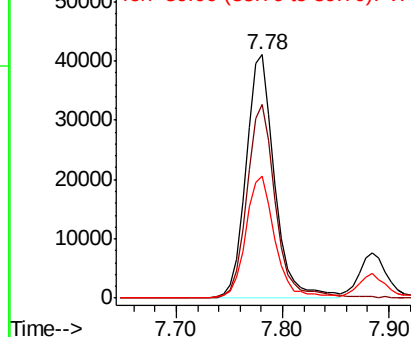
41 100

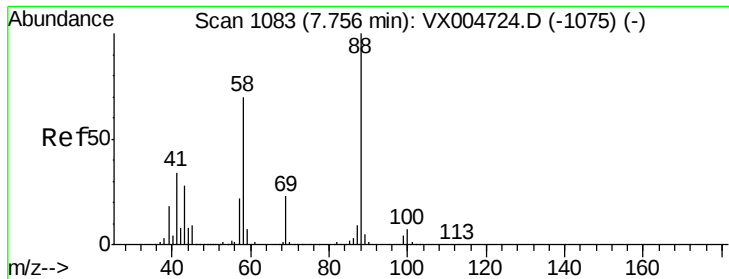
69 80.8 63.8 95.6

39 51.2 40.7 61.1



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





#49

1,4-Dioxane

Concen: 419.516 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBSD01

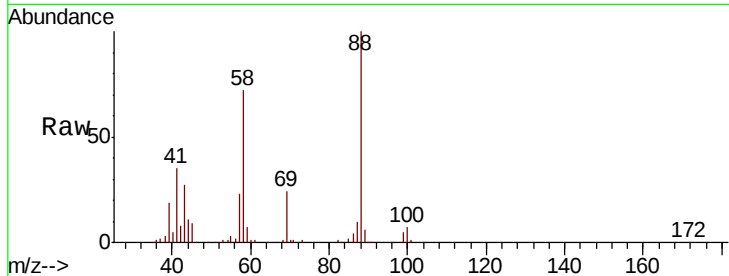
Tot Ion: 88 Resp: 36102

Ion Ratio Lower Upper

88 100

43 31.6 25.1 37.7

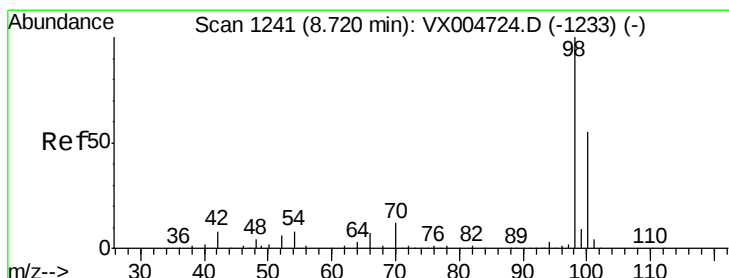
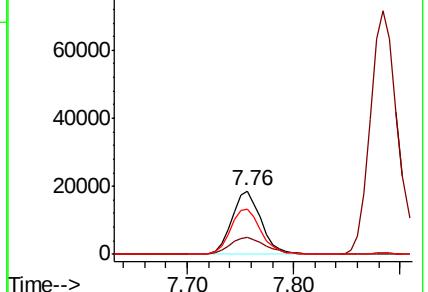
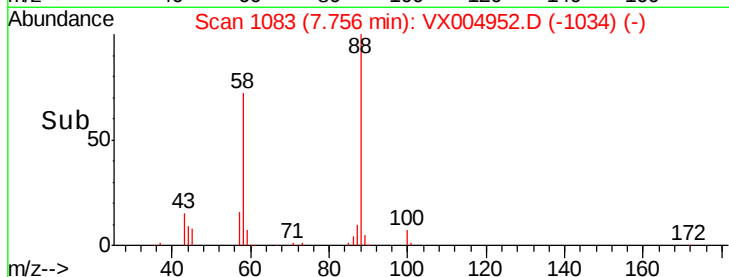
58 74.6 56.2 84.2



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



#50

Toluene-d8

Concen: 52.689 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004952.D

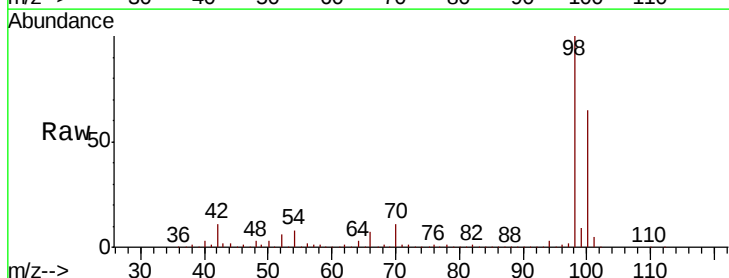
Acq: 03 Oct 2018 07:33

Tgt Ion: 98 Resp: 511392

Ion Ratio Lower Upper

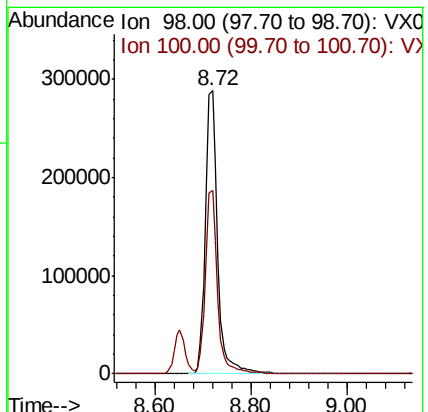
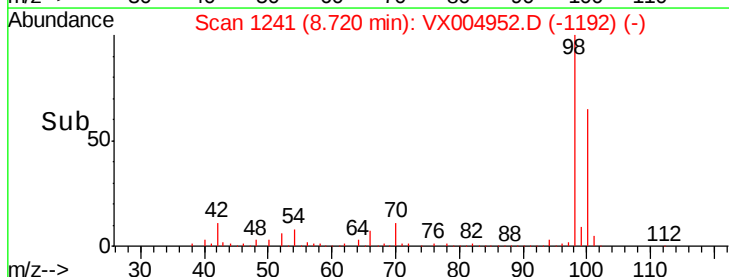
98 100

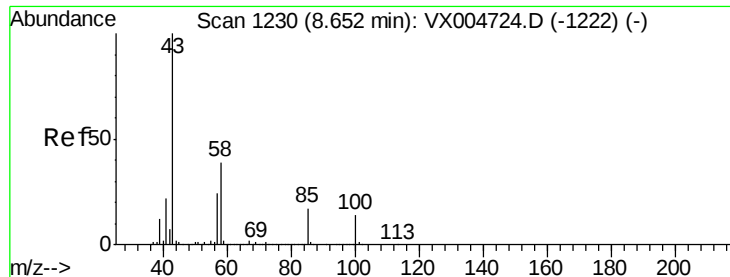
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 111.966 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

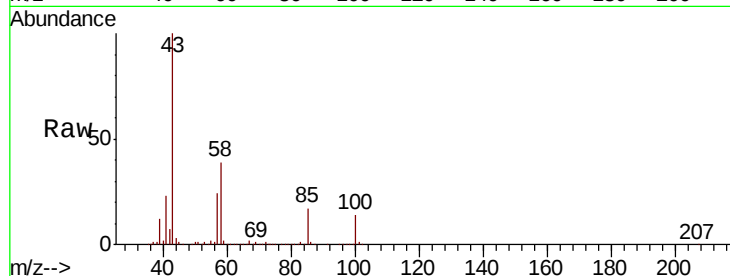
VX1003MBS01

Tot Ion: 43 Resp: 538019

Ion Ratio Lower Upper

43 100

58 37.0 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-1222) (-)

Ion 58.00 (57.70 to 58.70): VX004724.D (-1222) (-)

8.65

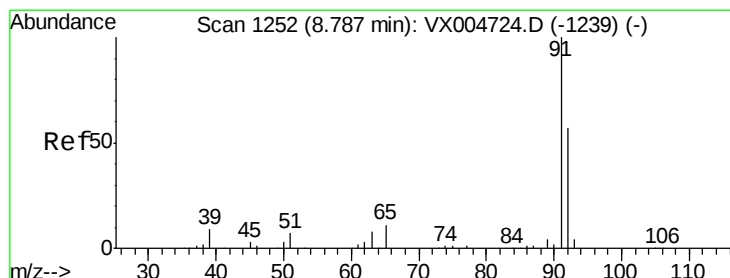
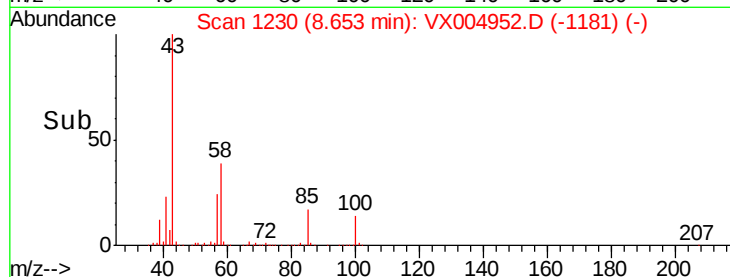
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.972 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004952.D

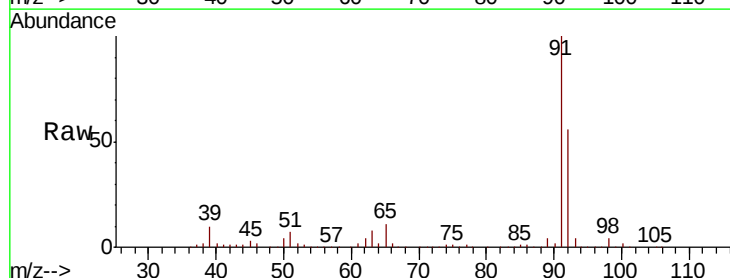
Acq: 03 Oct 2018 07:33

Tgt Ion: 92 Resp: 143709

Ion Ratio Lower Upper

92 100

91 174.0 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX004724.D (-1239) (-)

Ion 91.00 (90.70 to 91.70): VX004724.D (-1239) (-)

8.79

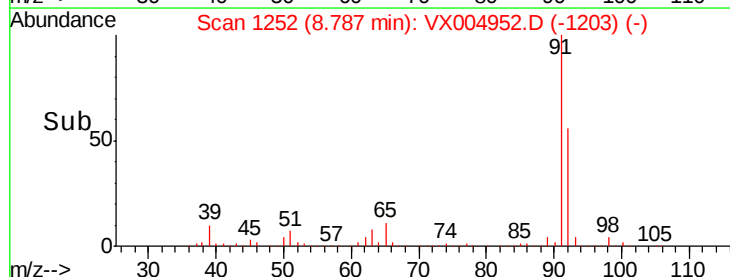
150000

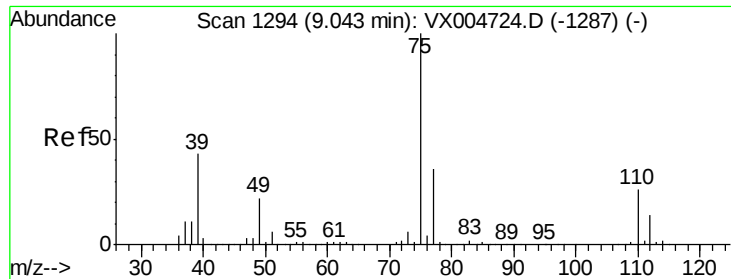
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.299 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

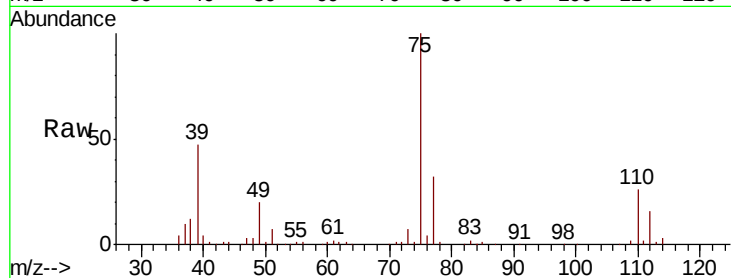
VX1003MBS01

Tot Ion: 75 Resp: 74409

Ion Ratio Lower Upper

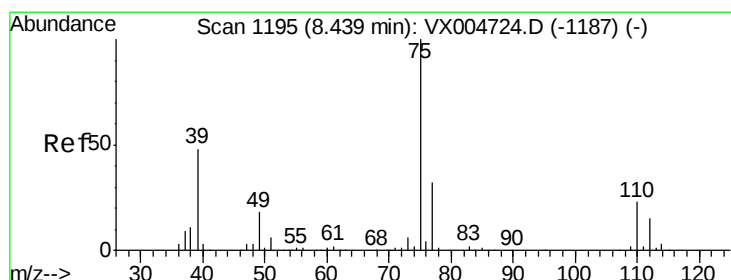
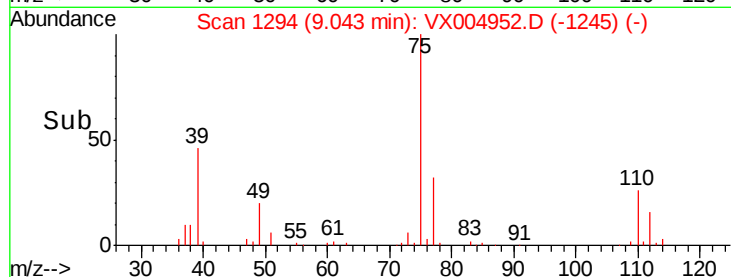
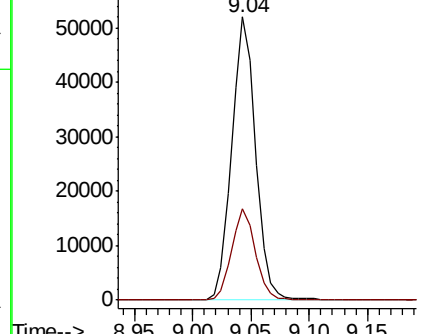
75 100

77 32.4 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.644 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

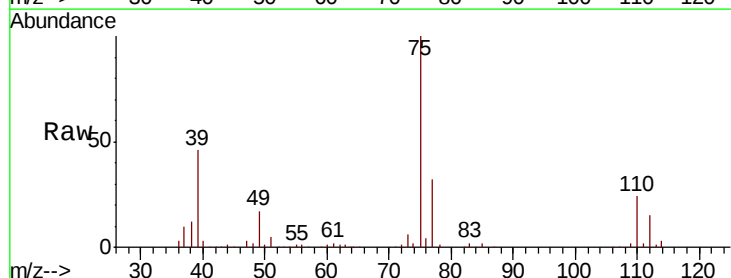
Tgt Ion: 75 Resp: 83665

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

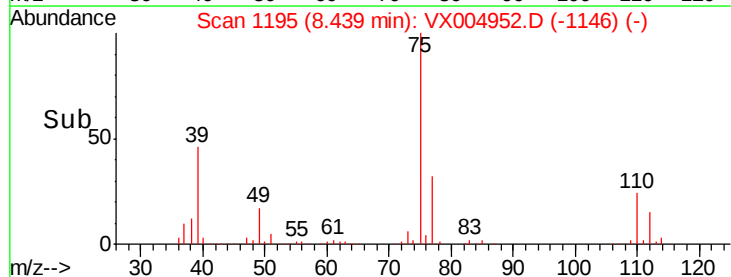
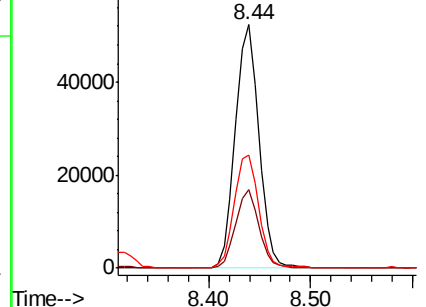
39 46.3 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

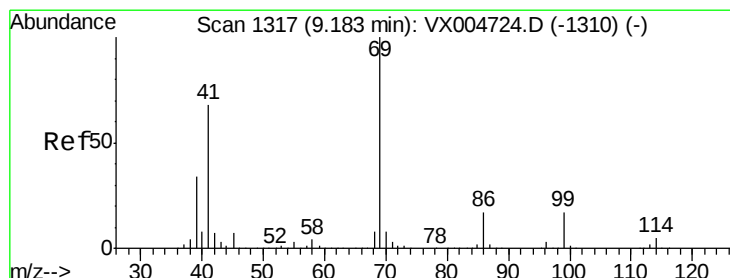
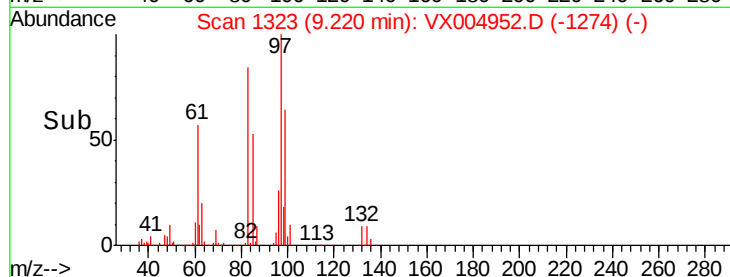
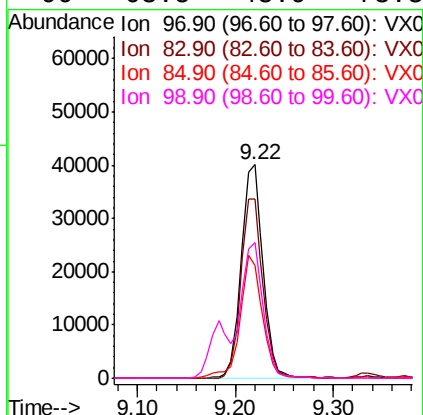
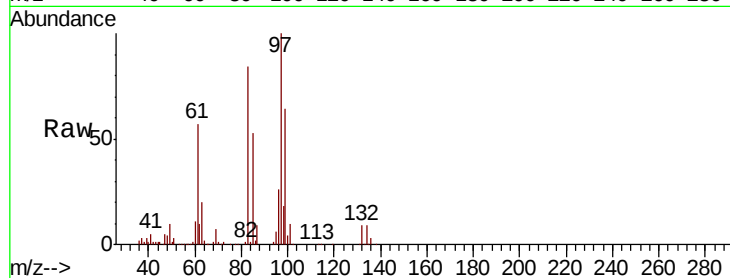




#55
 1,1,2-Trichloroethane
 Concen: 20.683 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

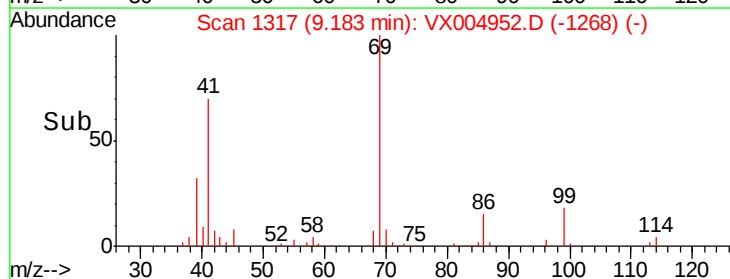
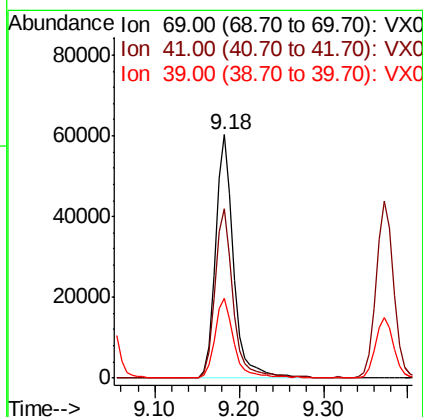
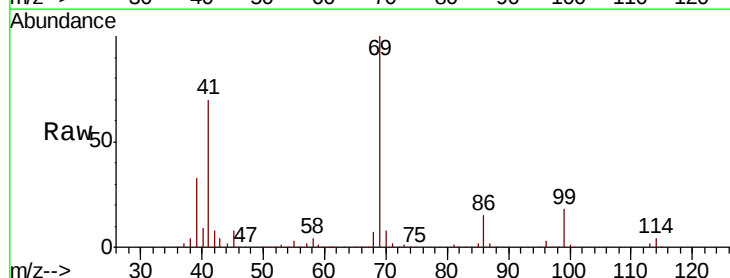
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

Tot Ion:	97	Resp:	62082
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.2	102.2
85	52.6	49.9	74.9
99	63.5	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 20.211 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

Tgt Ion:	69	Resp:	89630
Ion	Ratio	Lower	Upper
69	100		
41	70.1	56.9	85.3
39	33.9	28.4	42.6





#57

1,3-Dichloropropane

Concen: 20.313 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

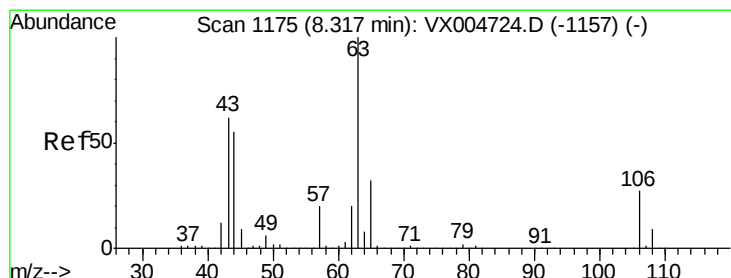
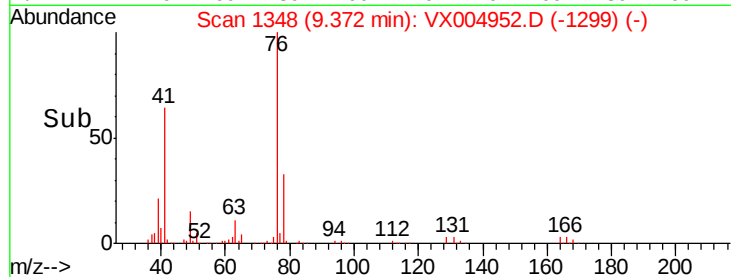
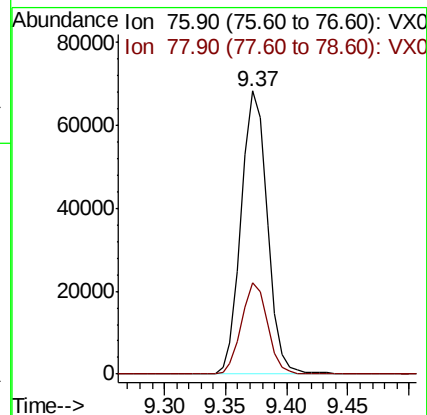
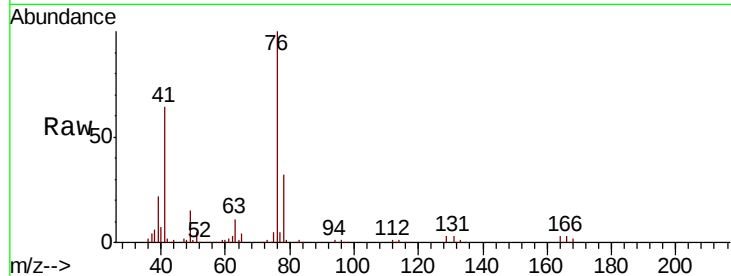
VX1003MBSD01

Tot Ion: 76 Resp: 101477

Ion Ratio Lower Upper

76 100

78 32.3 26.6 40.0



#58

2-Chloroethyl Vinyl ether

Concen: 107.593 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004952.D

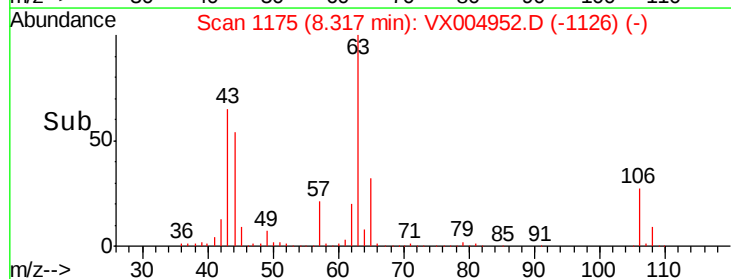
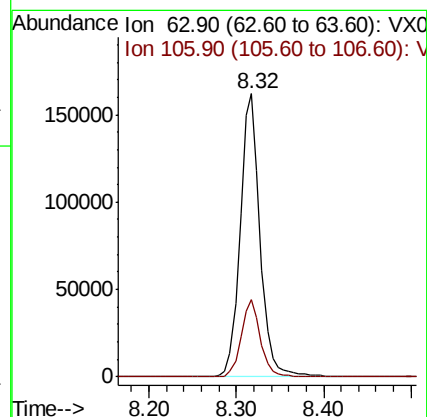
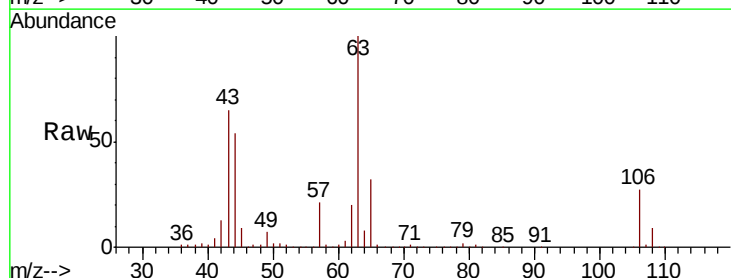
Acq: 03 Oct 2018 07:33

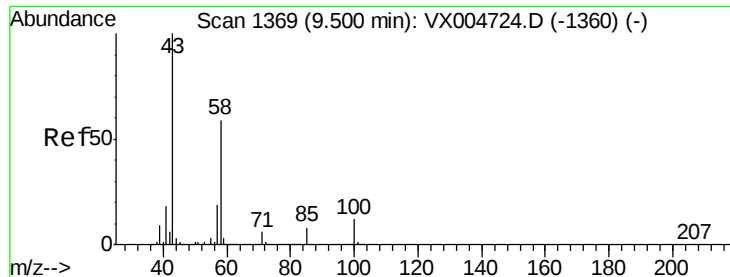
Tgt Ion: 63 Resp: 256014

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.6

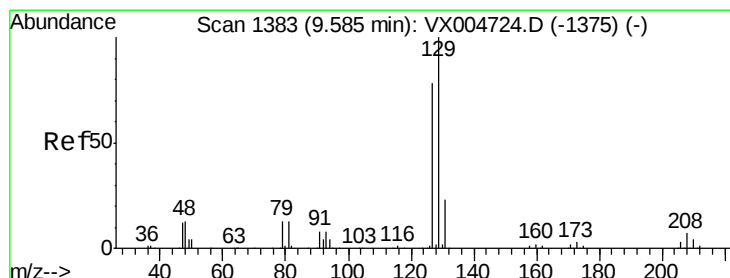
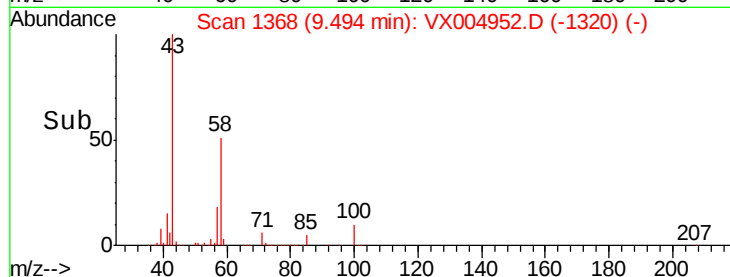
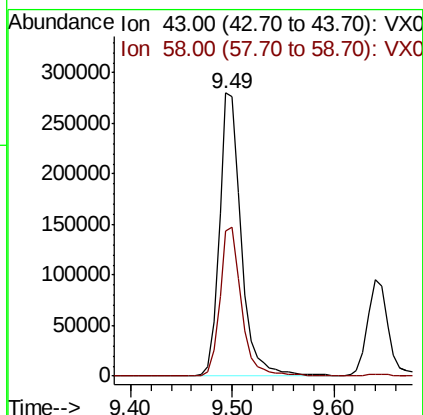
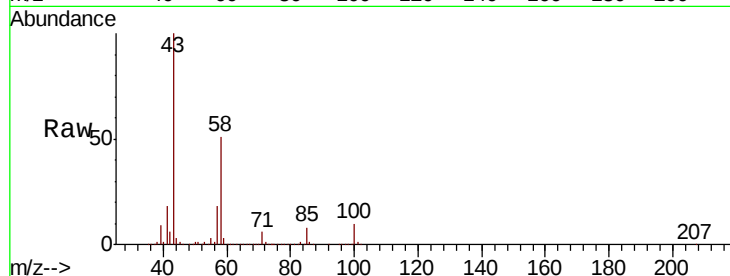




#59
2-Hexanone
Concen: 104.722 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

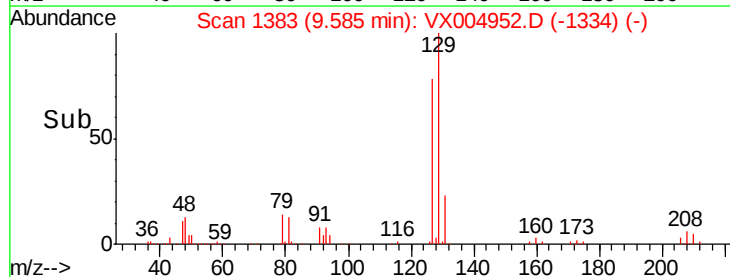
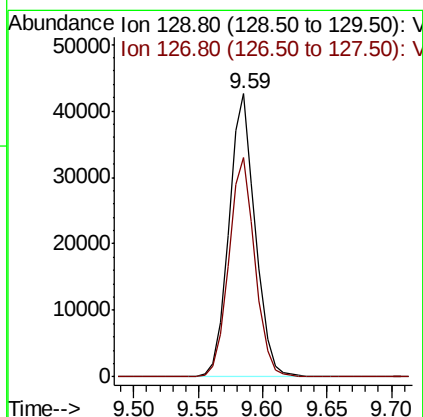
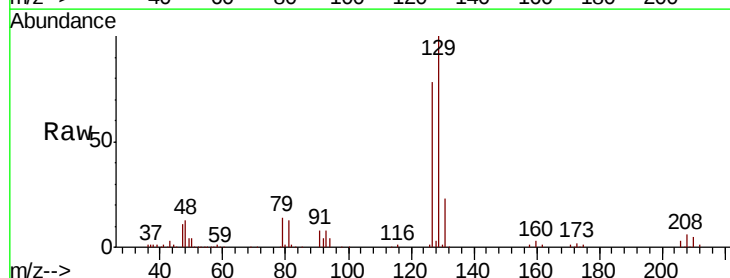
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

Tot Ion: 43 Resp: 419335
Ion Ratio Lower Upper
43 100
58 52.1 28.4 85.3



#60
Dibromochloromethane
Concen: 20.225 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Tgt Ion:129 Resp: 60711
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2

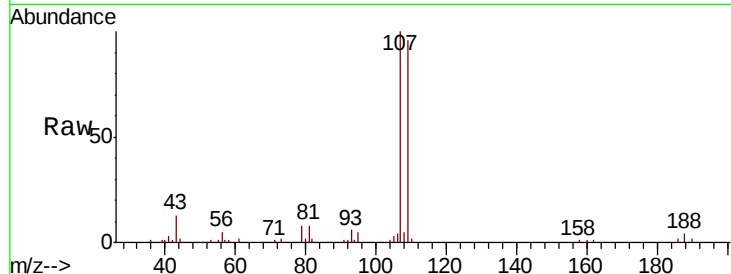




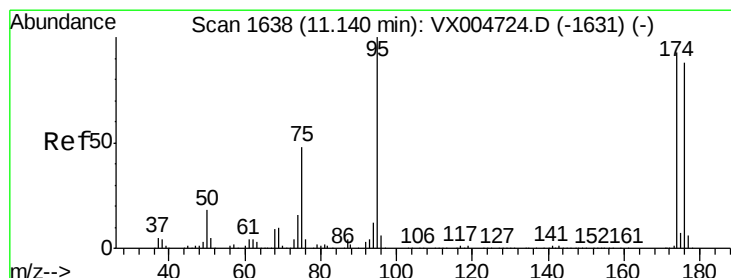
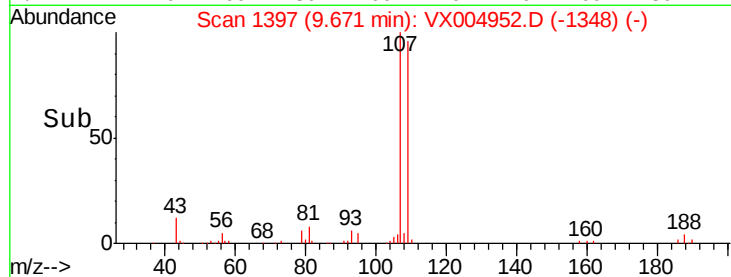
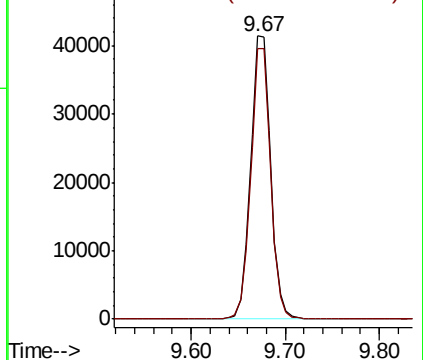
#61
 1,2-Dibromoethane
 Concen: 19.328 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBS01

Tot Ion:107 Resp: 62131
 Ion Ratio Lower Upper
 107 100
 109 94.8 72.1 108.1

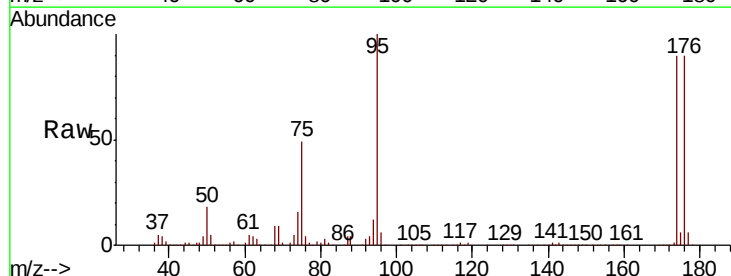


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

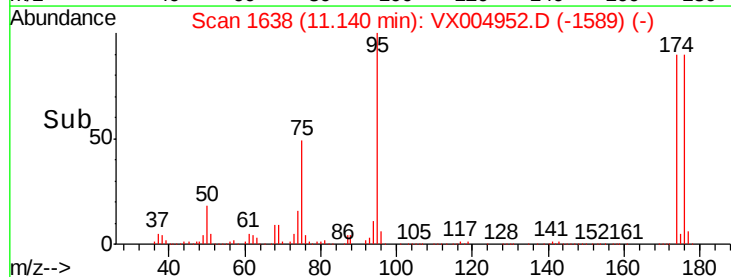
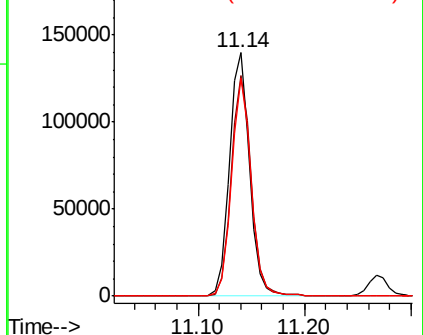


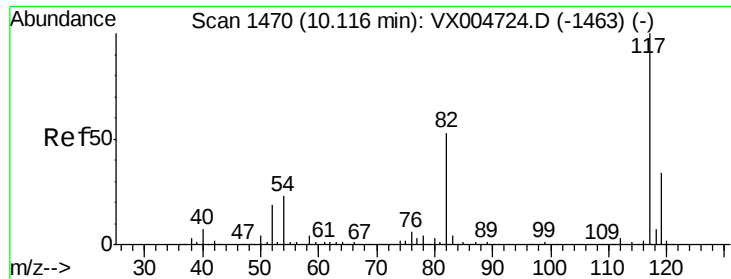
#62
 4-Bromofluorobenzene
 Concen: 53.271 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

Tgt Ion: 95 Resp: 186266
 Ion Ratio Lower Upper
 95 100
 174 90.1 0.0 185.0
 176 87.3 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

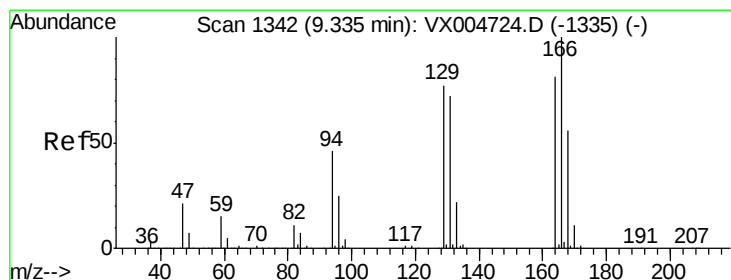
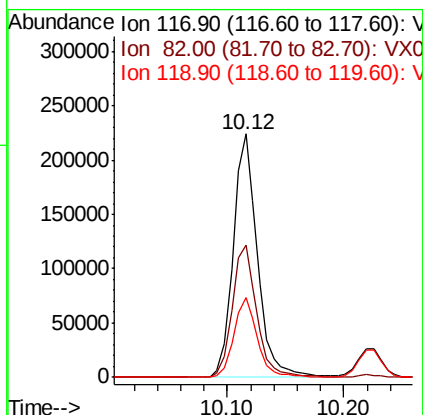
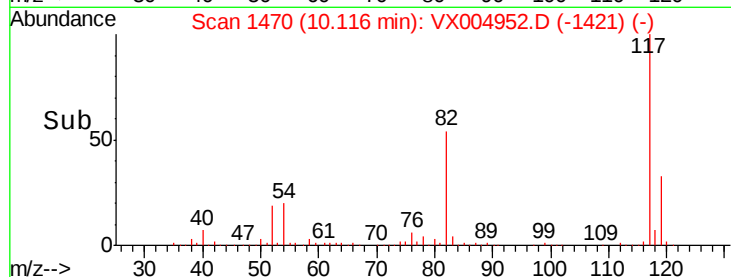
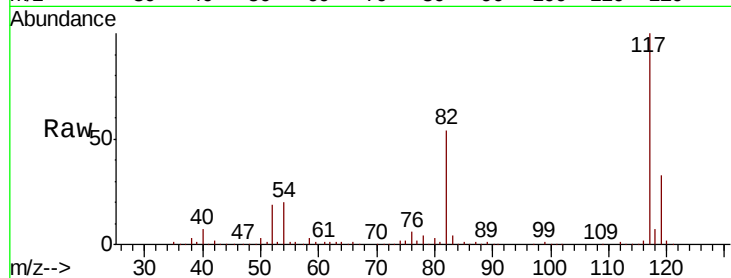




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

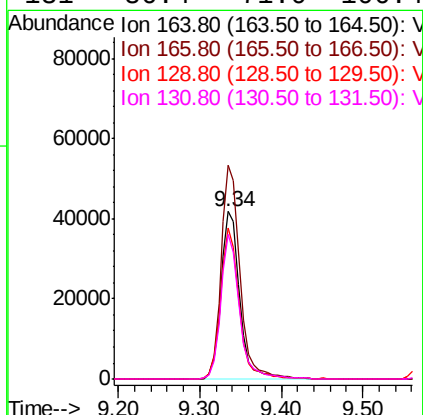
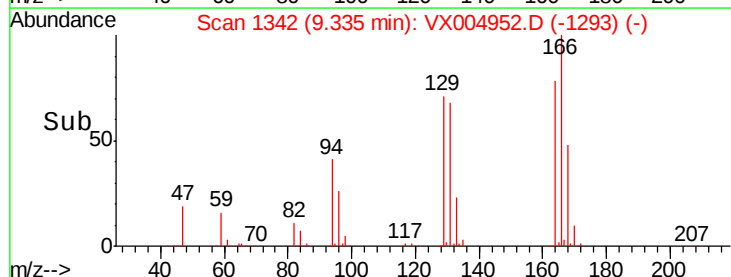
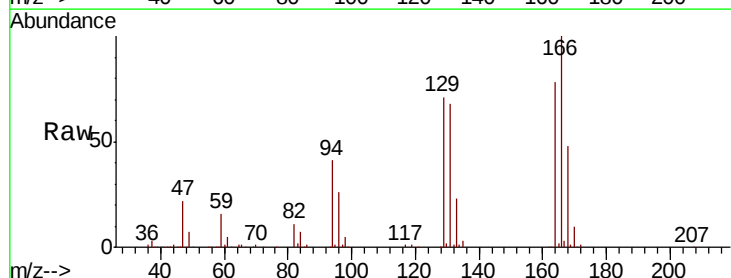
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

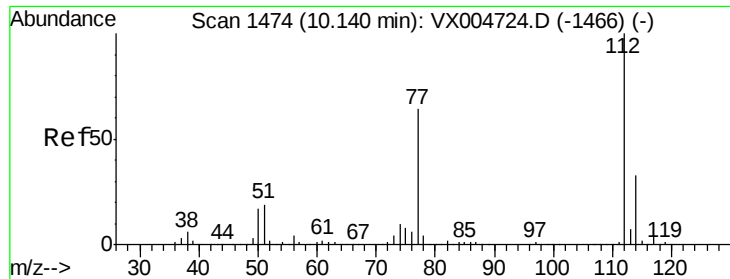
Tot Ion:117 Resp: 323727
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.4
119 32.7 27.4 41.0



#64
Tetrachloroethene
Concen: 21.092 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Tgt Ion:164 Resp: 67203
Ion Ratio Lower Upper
164 100
166 127.4 98.4 147.6
129 90.2 76.1 114.1
131 86.4 71.0 106.4

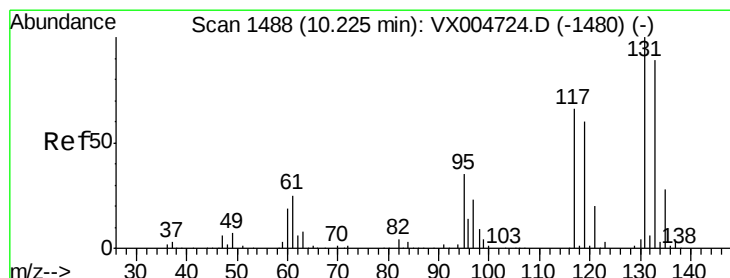
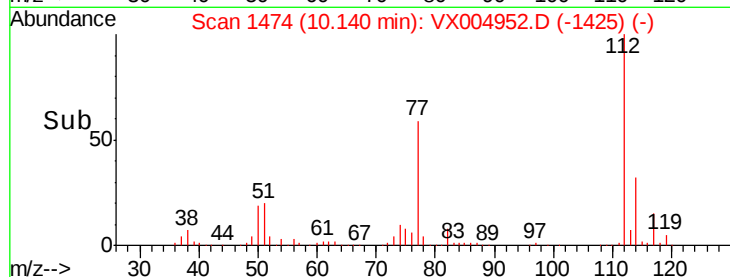
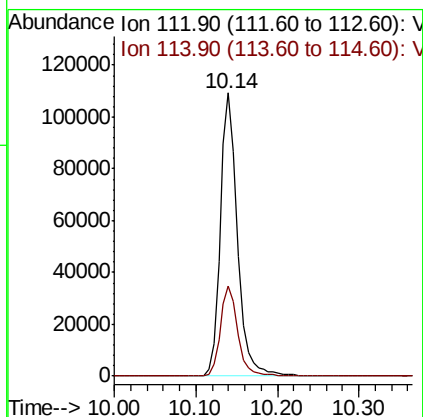
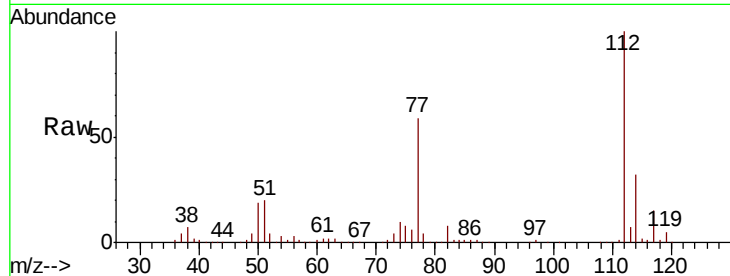




#65
Chlorobenzene
Concen: 19.419 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

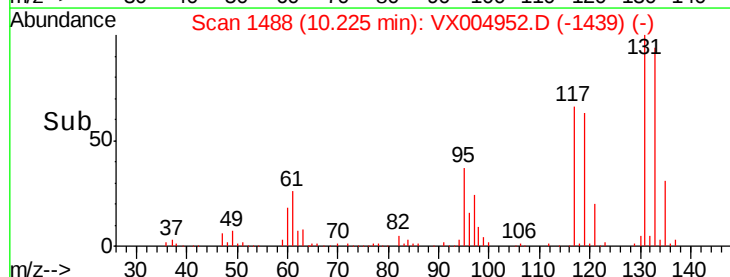
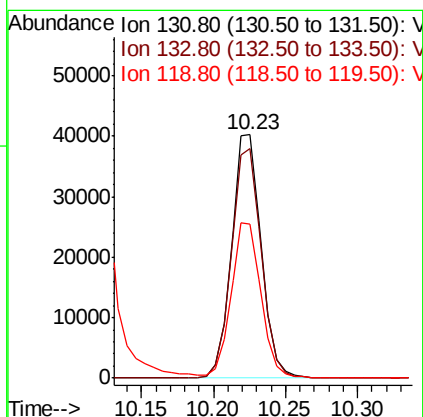
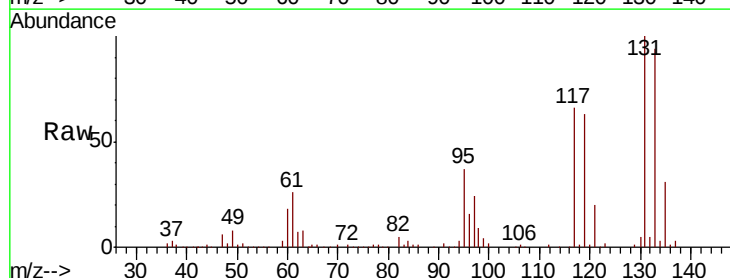
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBSD01

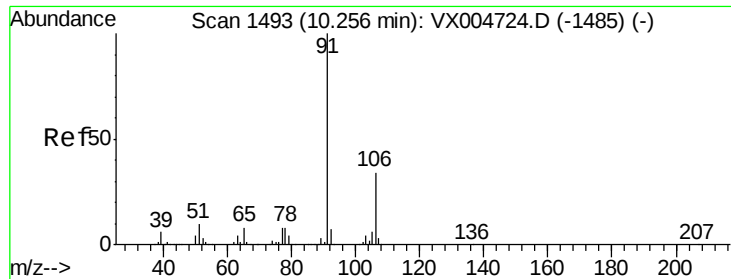
Tot Ion:112 Resp: 161204
Ion Ratio Lower Upper
112 100
114 31.9 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.760 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Tgt Ion:131 Resp: 57668
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 64.7 32.3 96.8

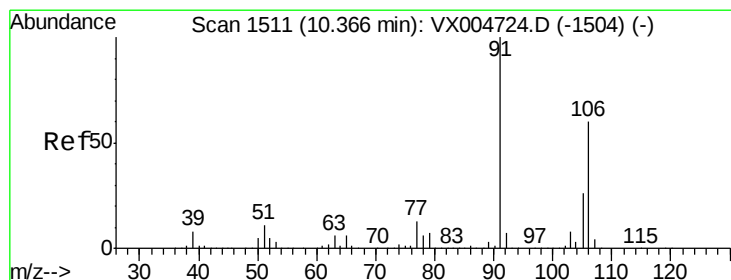
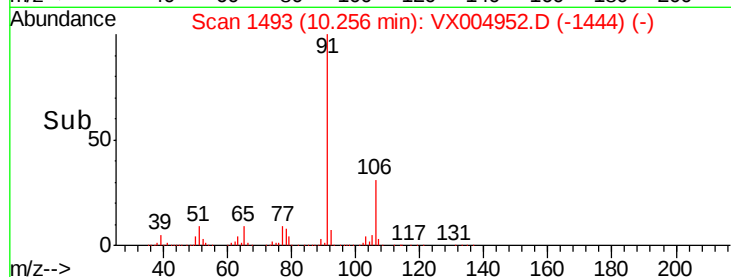
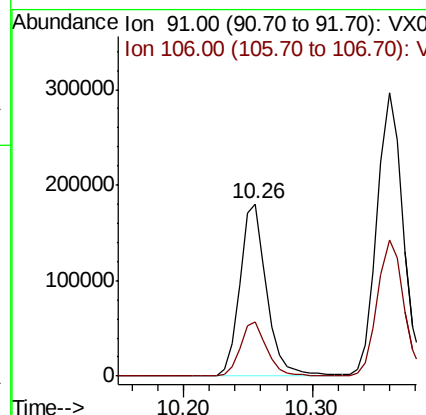
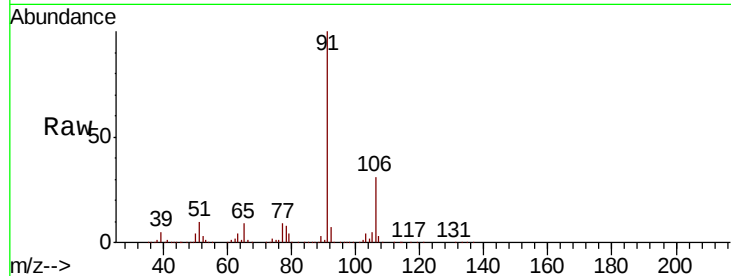




#67
Ethyl Benzene
Concen: 19.879 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

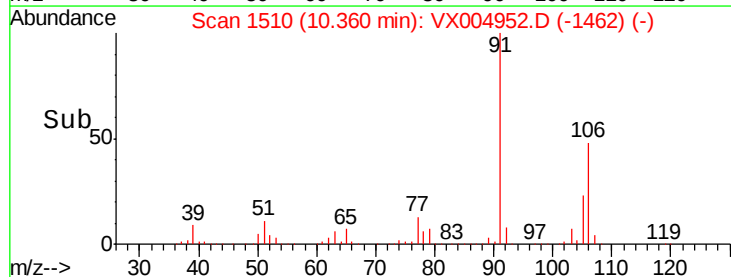
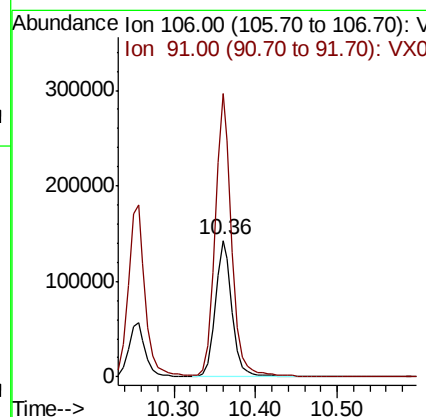
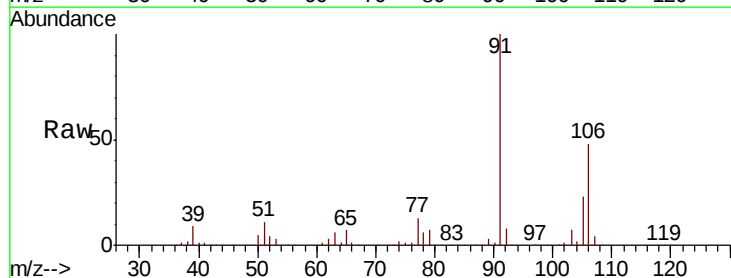
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBSD01

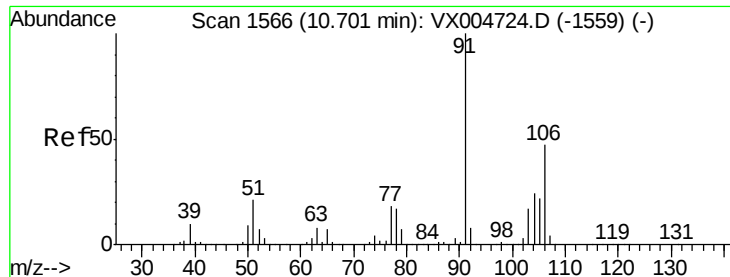
Tot Ion: 91 Resp: 261989
Ion Ratio Lower Upper
91 100
106 31.3 26.9 40.3



#68
m/p-Xylenes
Concen: 40.228 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Tgt Ion: 106 Resp: 207176
Ion Ratio Lower Upper
106 100
91 205.2 157.5 236.3

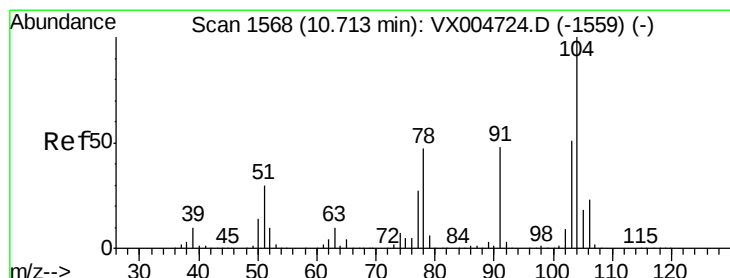
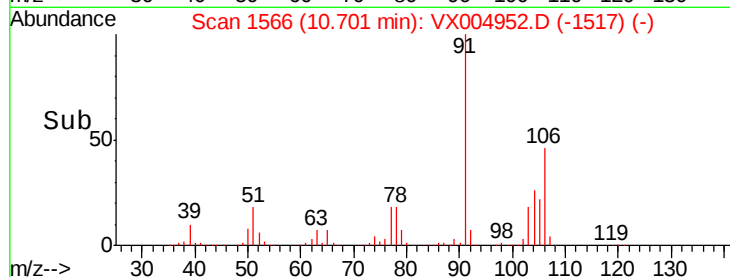
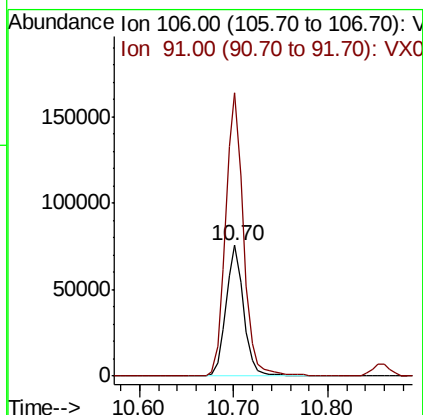
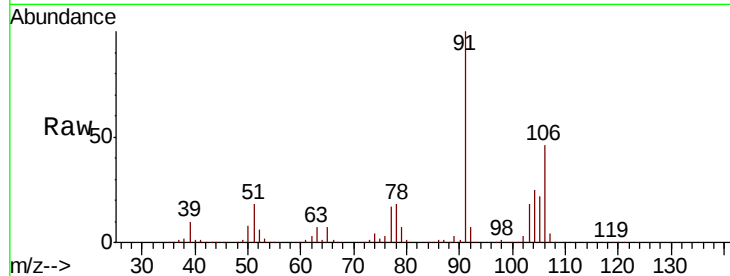




#69
o-Xylene
Concen: 20.979 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

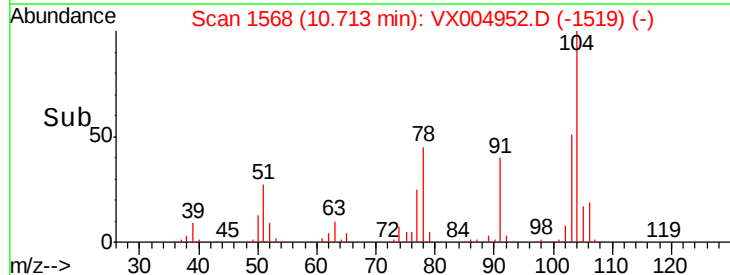
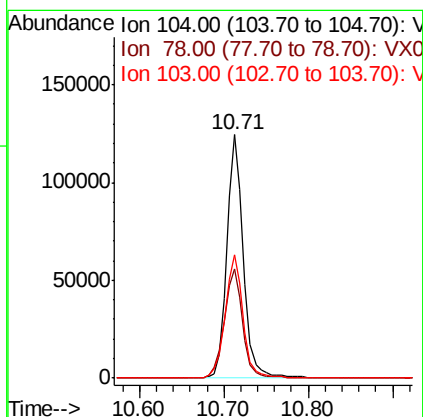
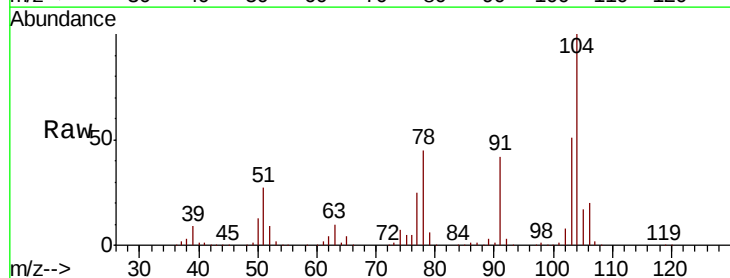
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

Tot Ion:106 Resp: 99239
Ion Ratio Lower Upper
106 100
91 217.9 108.3 324.8



#70
Styrene
Concen: 20.283 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Tgt Ion:104 Resp: 167691
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 55.3 44.3 66.5





#71

Bromoform

Concen: 19.502 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBSD01

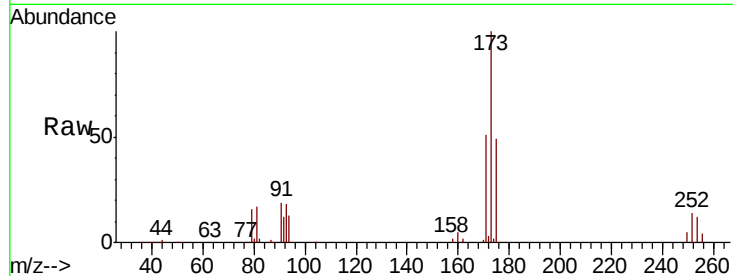
Tot Ion:173 Resp: 48725

Ion Ratio Lower Upper

173 100

175 48.5 23.3 69.8

254 0.1 0.2 0.2#

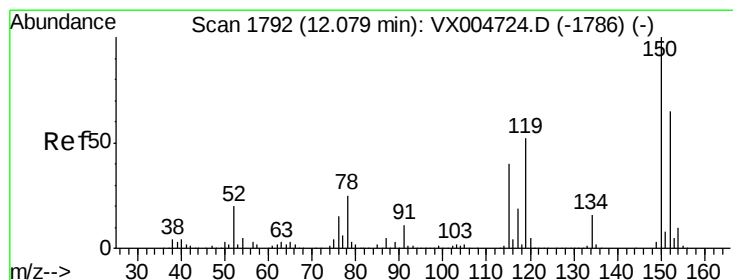
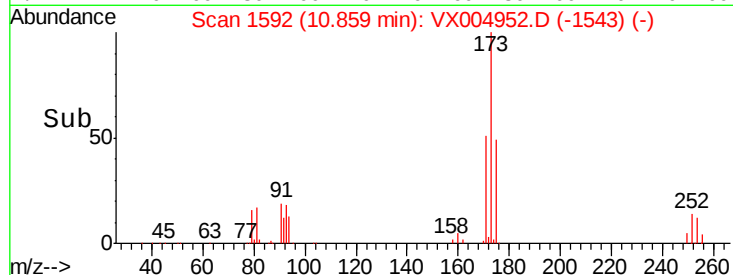
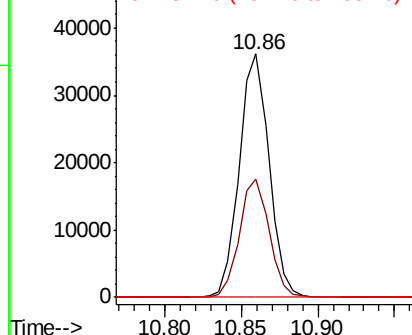


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

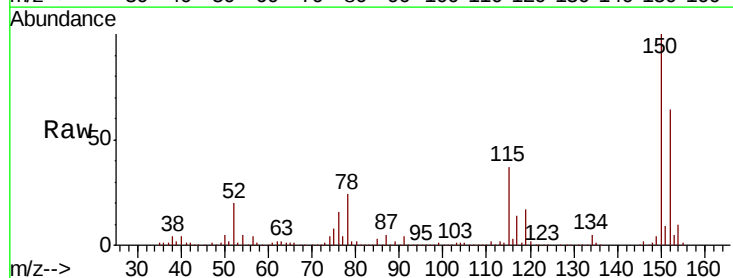
Tgt Ion:152 Resp: 193130

Ion Ratio Lower Upper

152 100

115 65.2 40.2 120.6

150 163.6 0.0 351.0

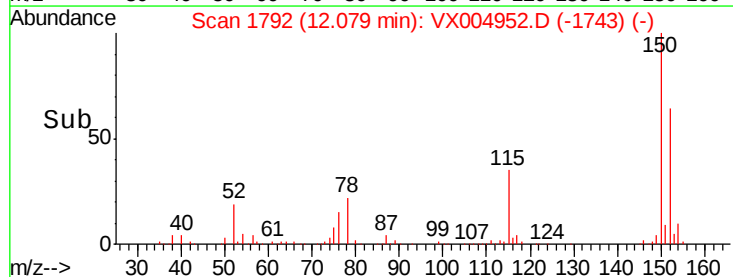
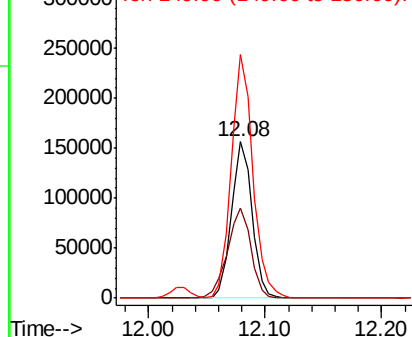


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.995 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

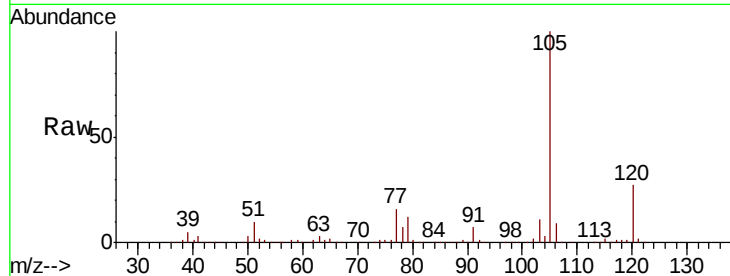
VX1003MBSD01

Tot Ion: 105 Resp: 267747

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

200000

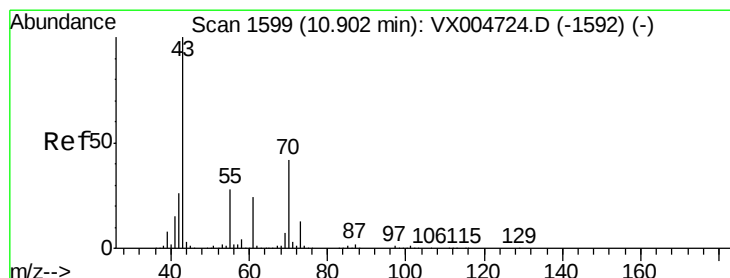
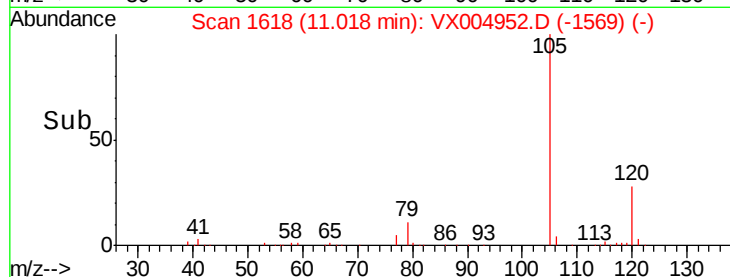
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 20.143 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Tgt Ion: 43 Resp: 127539

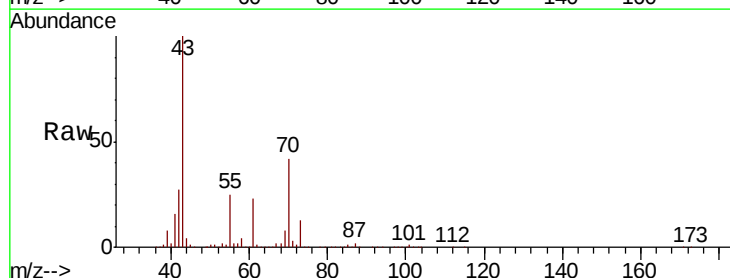
Ion Ratio Lower Upper

43 100

70 41.4 32.6 48.8

55 26.3 21.6 32.4

61 23.2 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

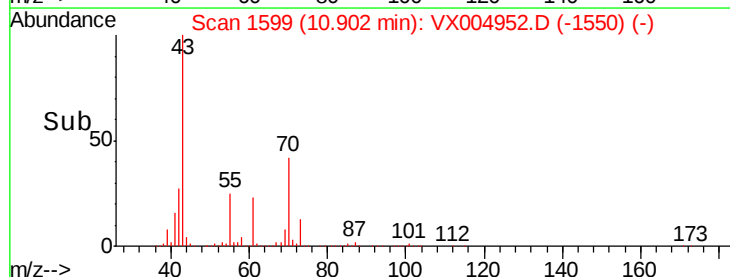
150000

100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.873 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

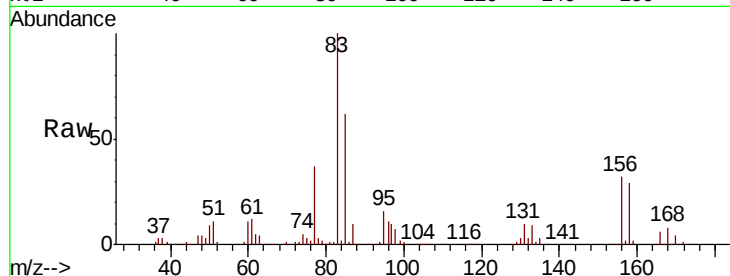
Tot Ion: 83 Resp: 98477

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

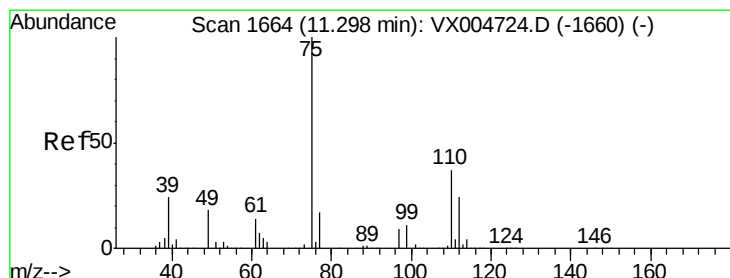
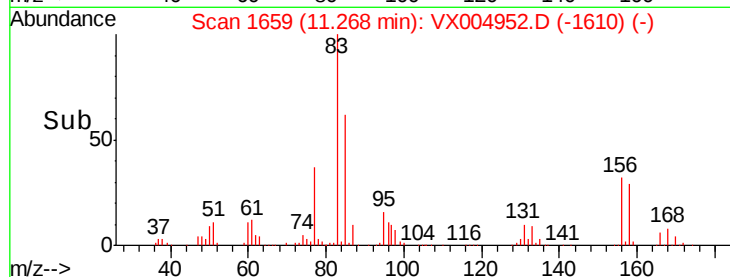
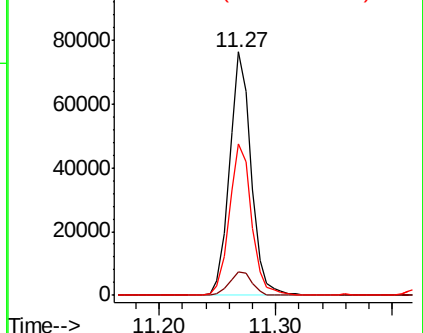
85 64.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.517 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004952.D

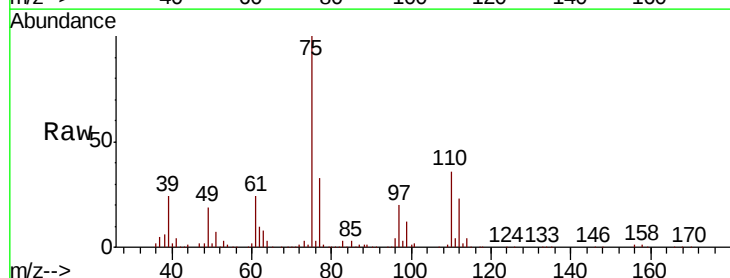
Acq: 03 Oct 2018 07:33

Tgt Ion: 75 Resp: 106130

Ion Ratio Lower Upper

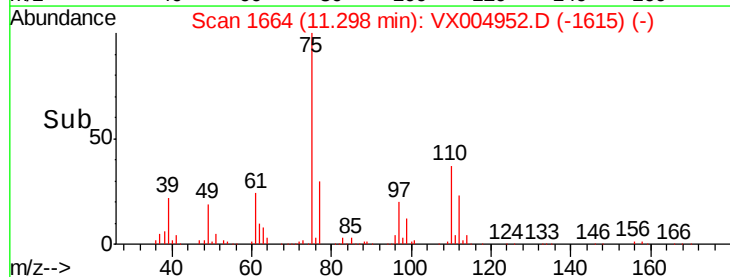
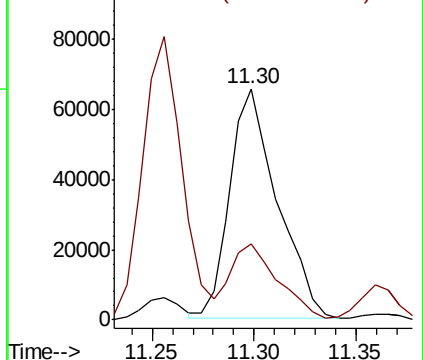
75 100

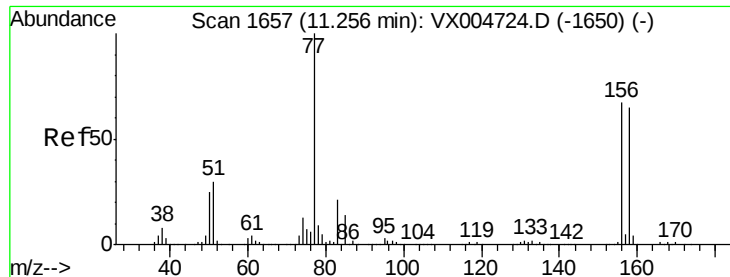
77 32.9 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.965 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

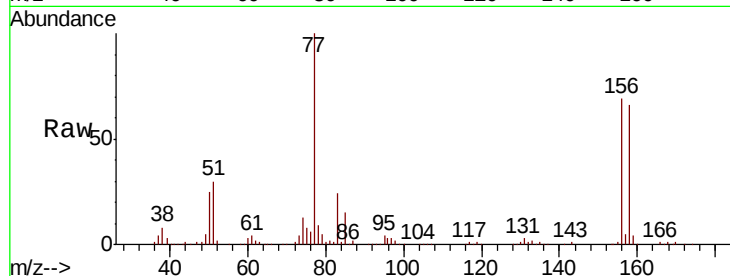
Tot Ion:156 Resp: 74127

Ion Ratio Lower Upper

156 100

77 146.3 73.4 220.2

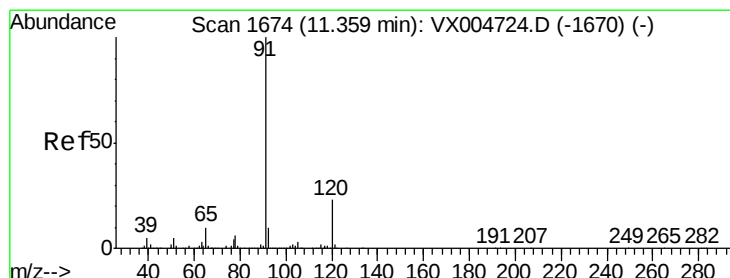
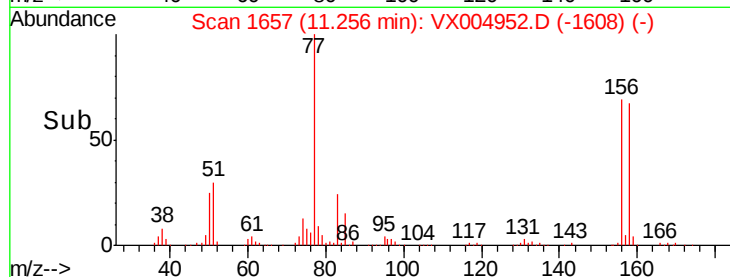
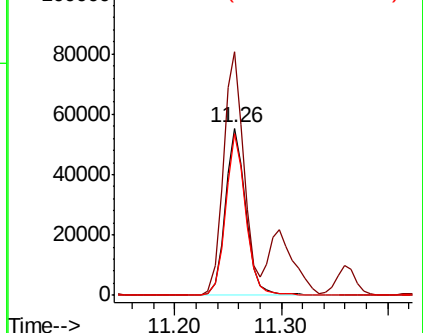
158 95.3 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.942 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004952.D

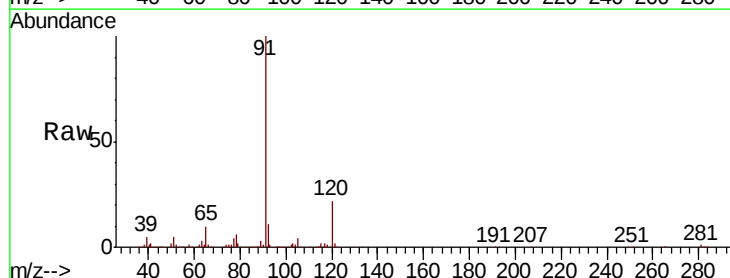
Acq: 03 Oct 2018 07:33

Tgt Ion: 91 Resp: 306465

Ion Ratio Lower Upper

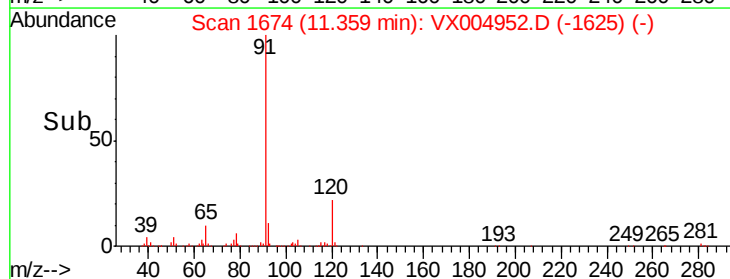
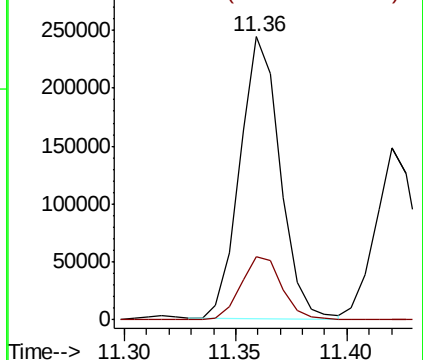
91 100

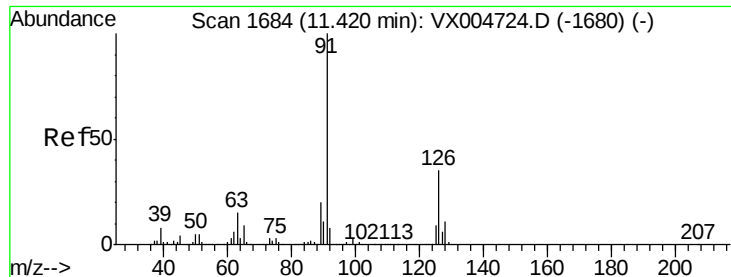
120 23.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

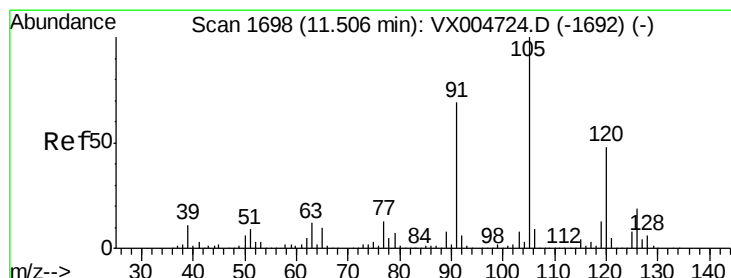
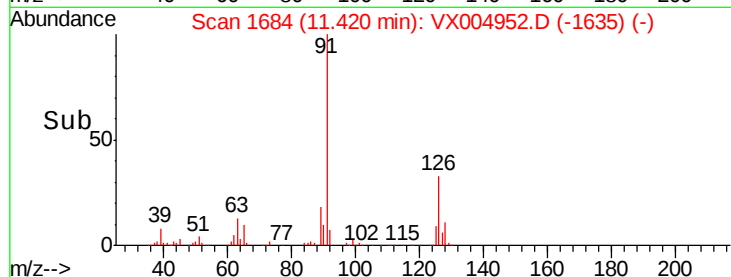
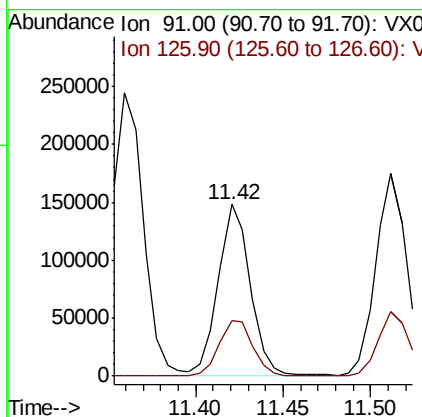
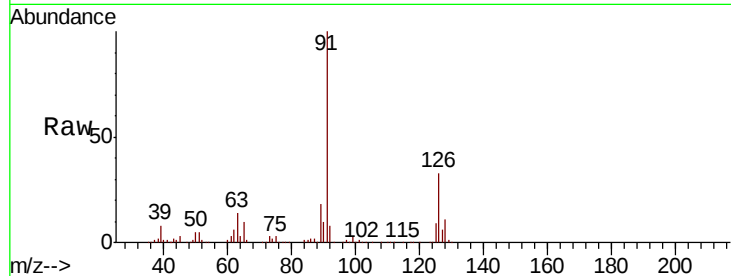




#79
 2-Chlorotoluene
 Concen: 21.546 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

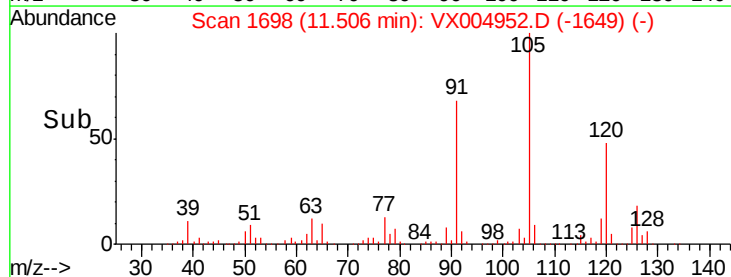
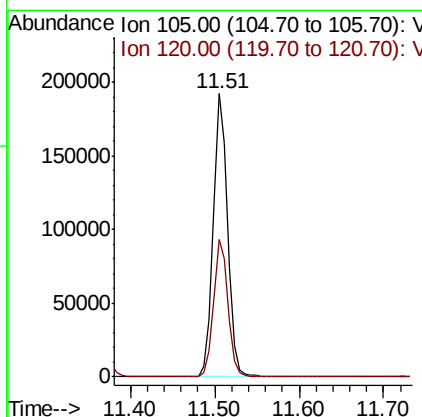
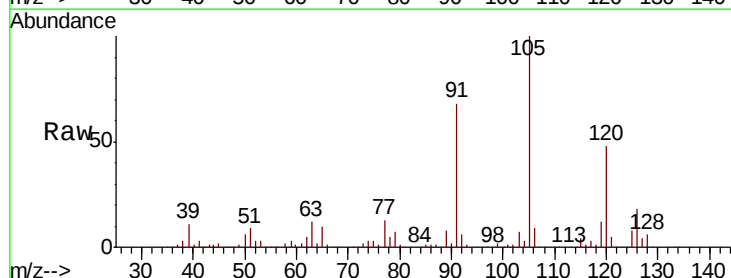
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBSD01

Tot Ion: 91 Resp: 187579
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.261 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

Tgt Ion: 105 Resp: 227367
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.078 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBS01

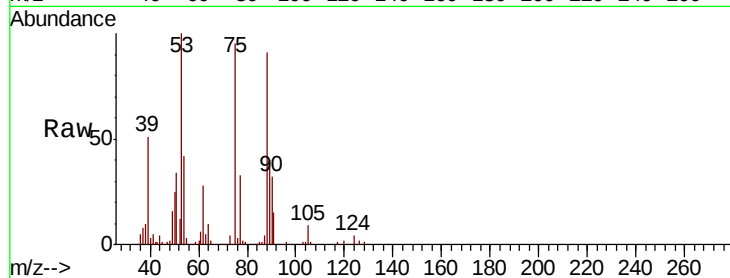
Tot Ion: 75 Resp: 21637

Ion Ratio Lower Upper

75 100

53 103.0 80.2 120.4

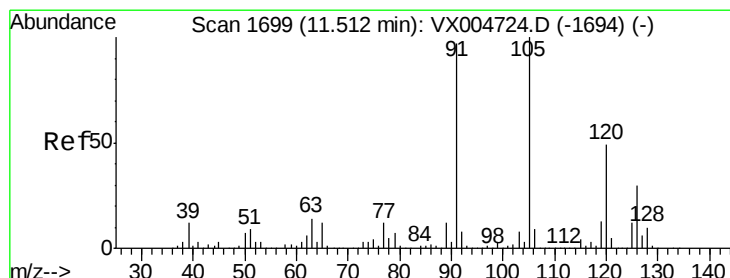
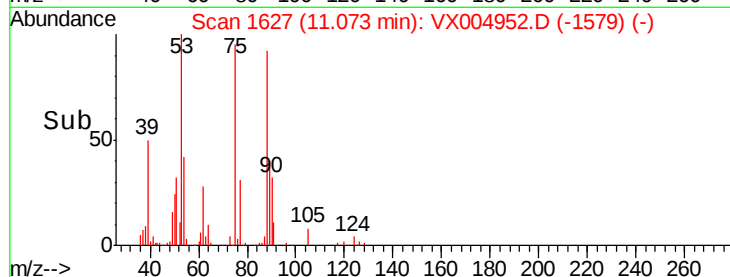
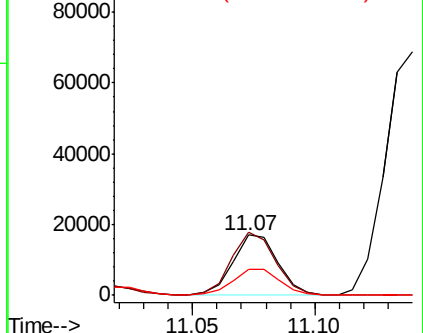
89 45.5 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.417 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004952.D

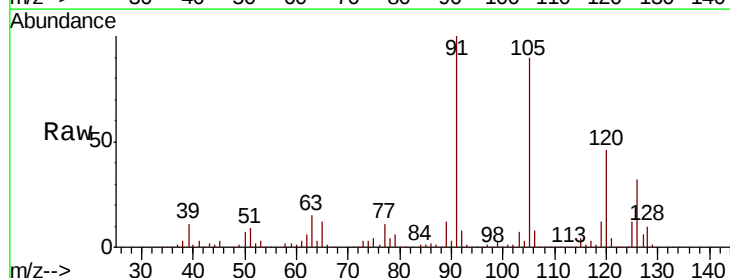
Acq: 03 Oct 2018 07:33

Tgt Ion: 91 Resp: 219467

Ion Ratio Lower Upper

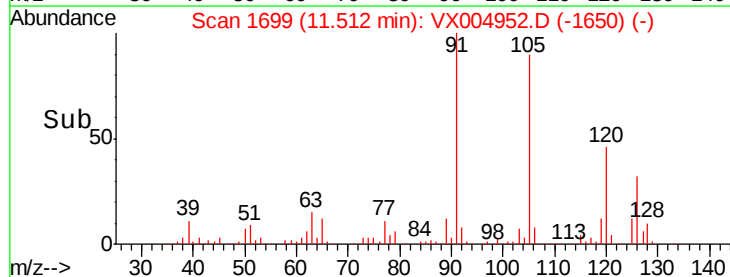
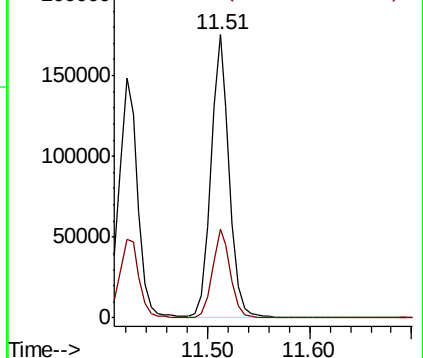
91 100

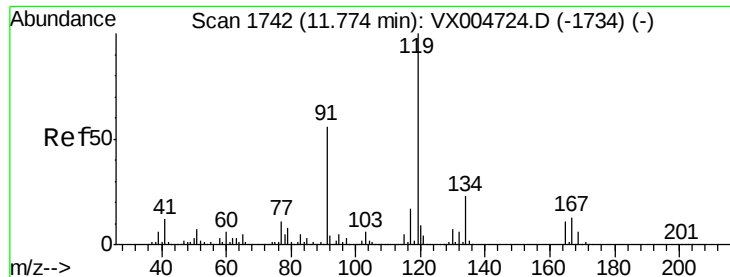
126 31.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

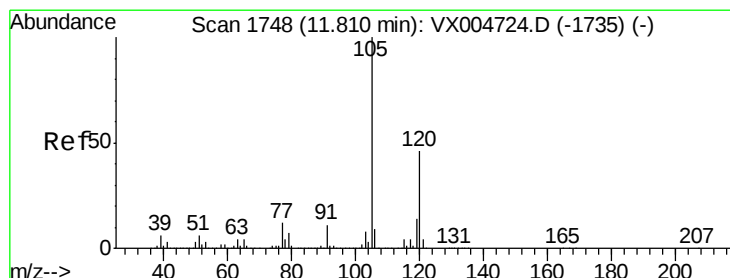
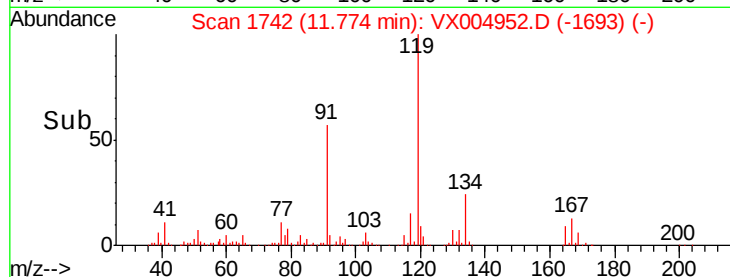
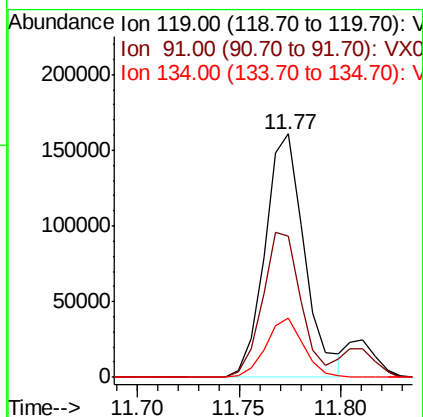
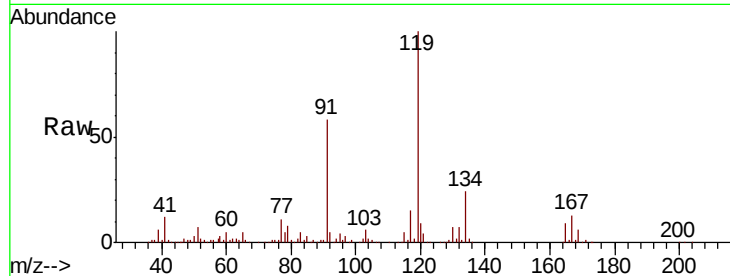




#83
tert-Butylbenzene
Concen: 21.707 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

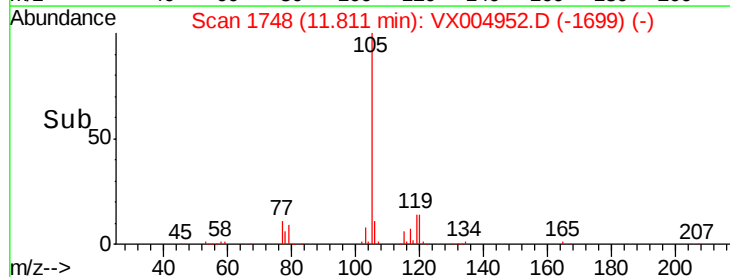
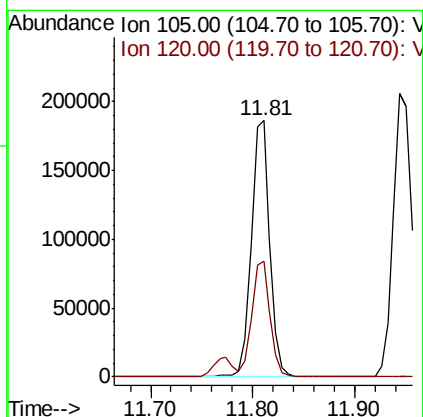
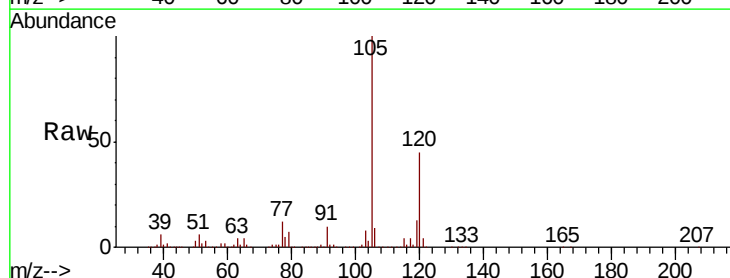
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

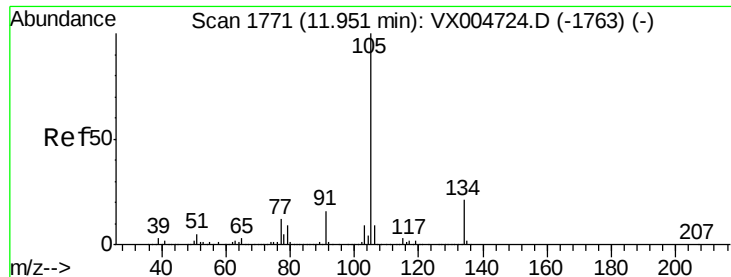
Tot Ion:119 Resp: 217563
Ion Ratio Lower Upper
119 100
91 57.7 27.5 82.5
134 23.1 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 20.352 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Tgt Ion:105 Resp: 235520
Ion Ratio Lower Upper
105 100
120 44.9 22.8 68.3





#85

sec-Butylbenzene

Concen: 21.684 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

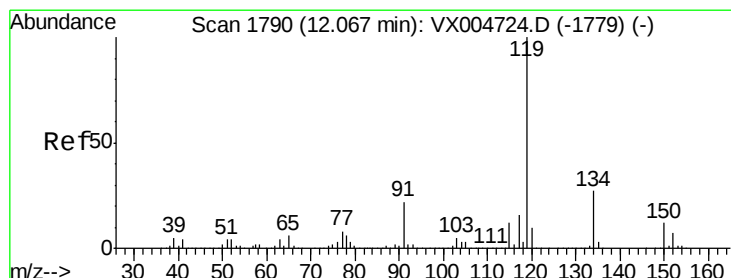
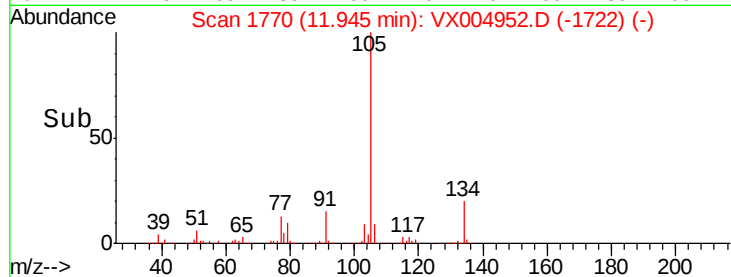
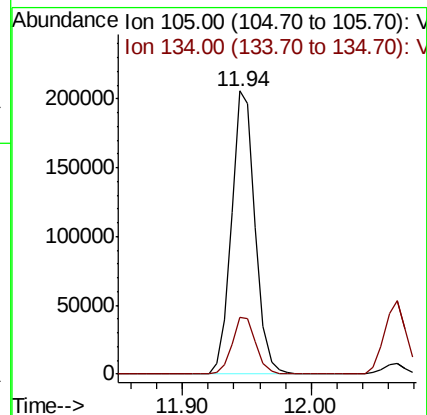
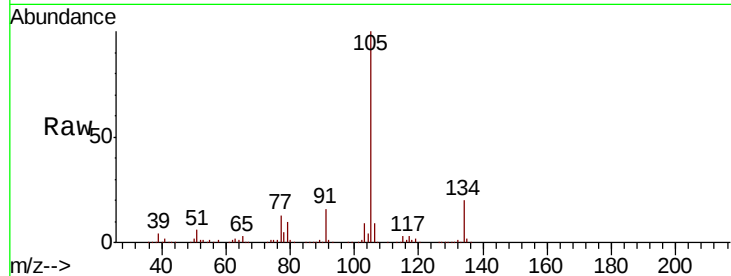
VX1003MBS01

Tot Ion:105 Resp: 264720

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 21.397 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

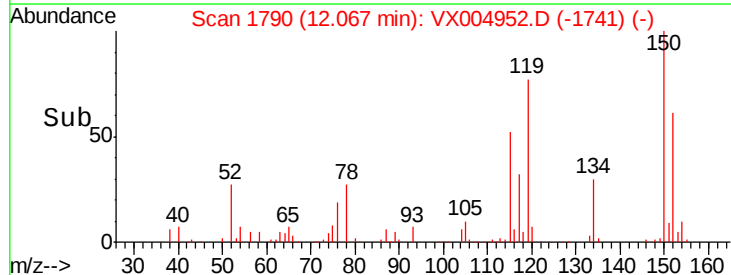
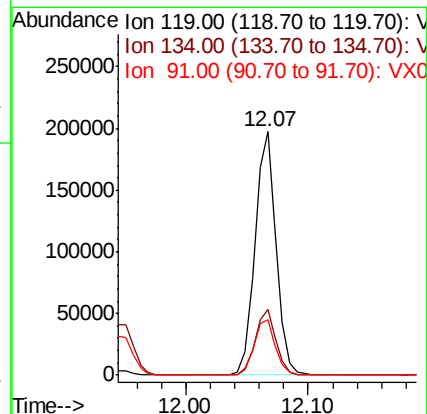
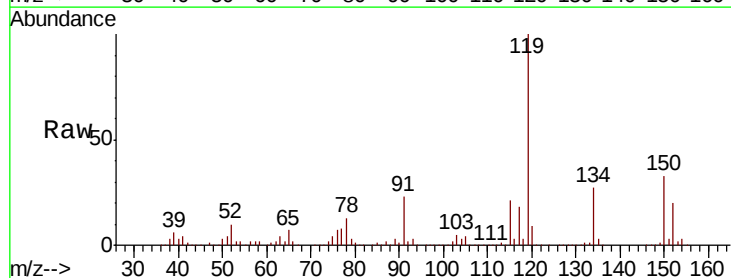
Tgt Ion:119 Resp: 236656

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.5 11.5 34.4

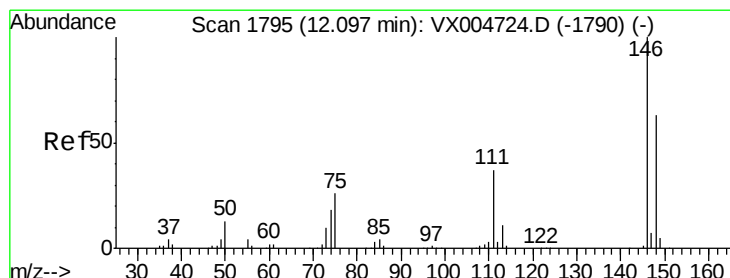
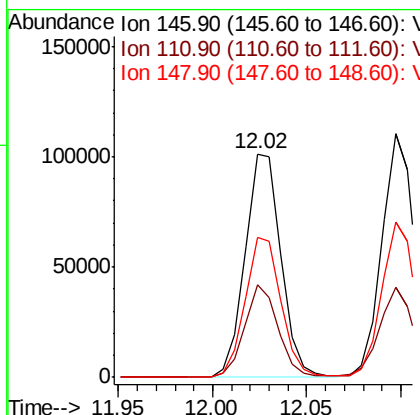
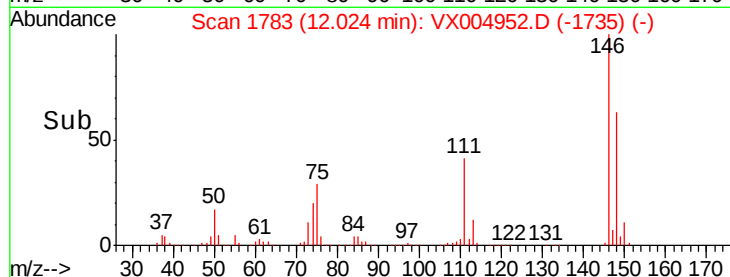
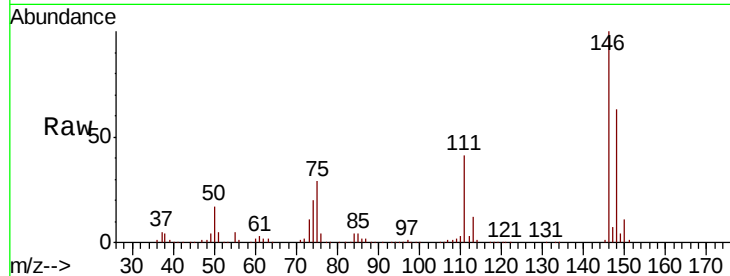




#87
 1,3-Dichlorobenzene
 Concen: 20.273 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

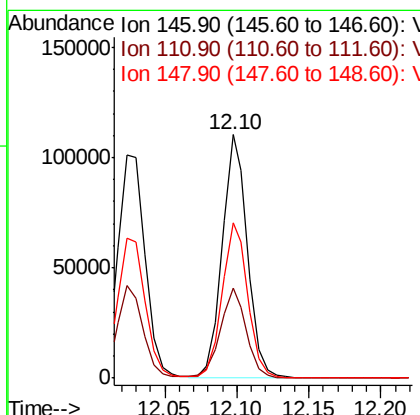
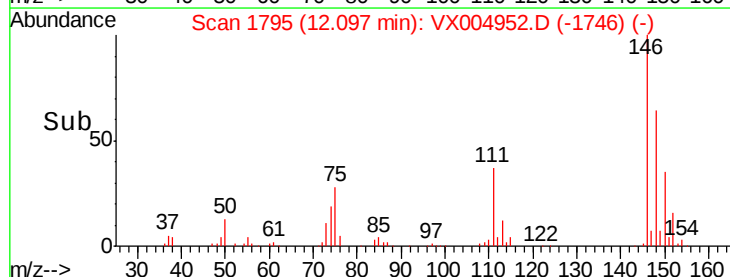
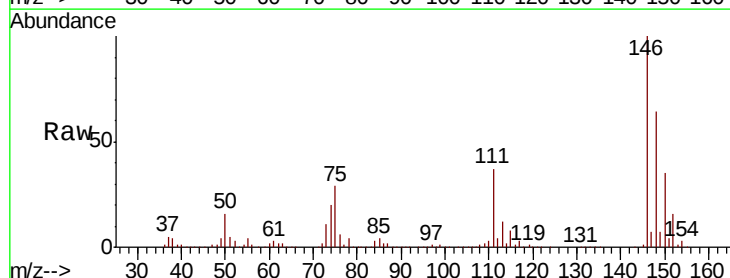
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBSD01

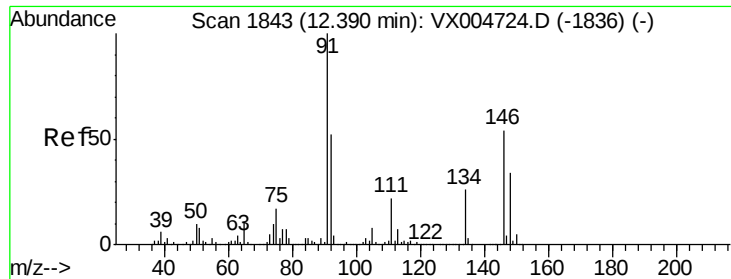
Tot Ion:146 Resp: 133853
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.9 56.9
 148 62.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.958 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

Tgt Ion:146 Resp: 136024
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.4 55.2
 148 65.1 32.0 96.0

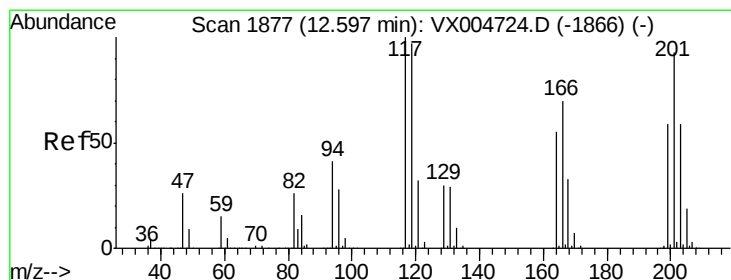
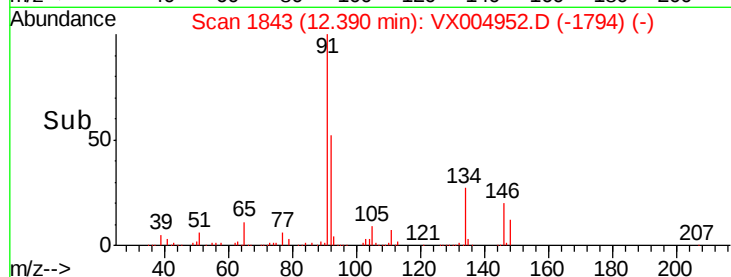
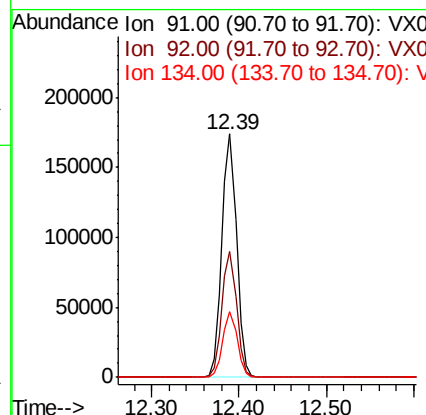
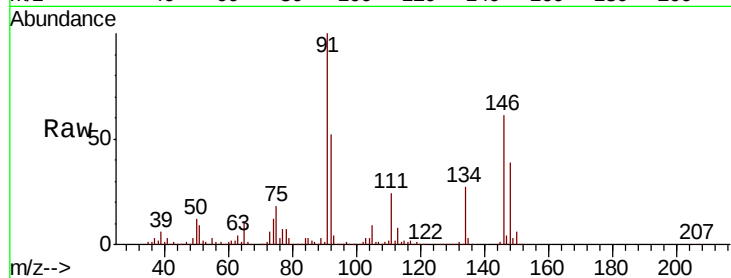




#89
n-Butylbenzene
Concen: 20.090 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

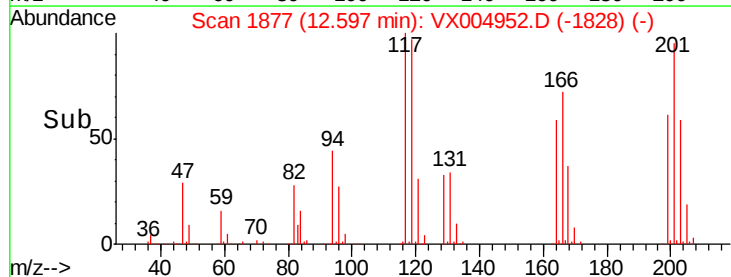
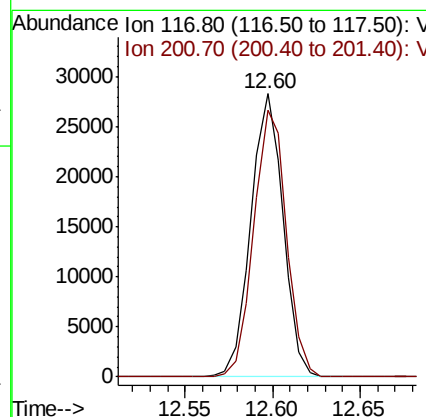
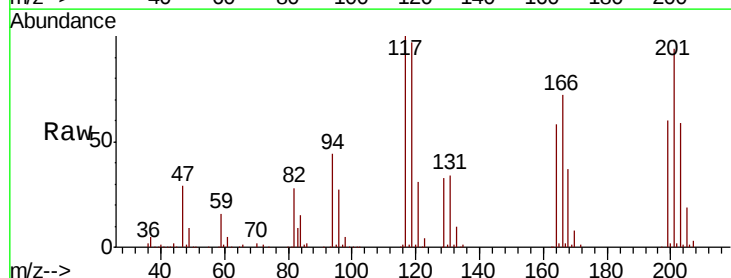
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBS01

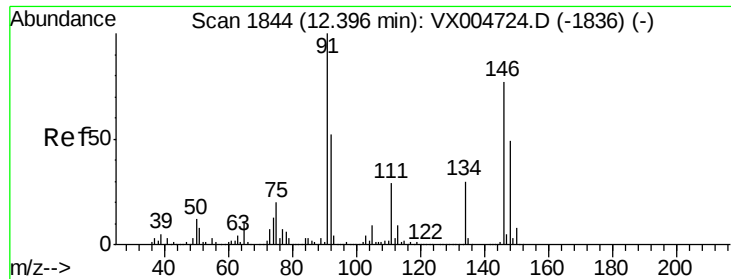
Tot Ion: 91 Resp: 201803
Ion Ratio Lower Upper
91 100
92 51.6 26.0 78.0
134 26.2 13.2 39.6



#90
Hexachloroethane
Concen: 19.748 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004952.D
Acq: 03 Oct 2018 07:33

Tgt Ion: 117 Resp: 36366
Ion Ratio Lower Upper
117 100
201 95.6 48.4 145.0

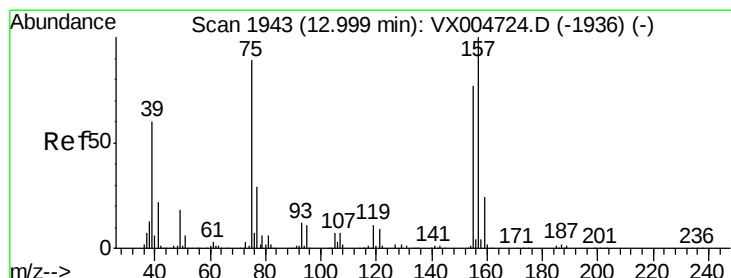
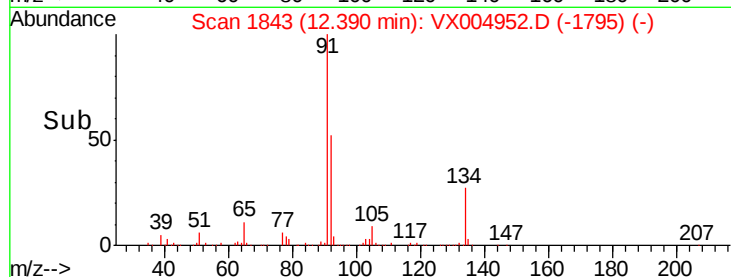
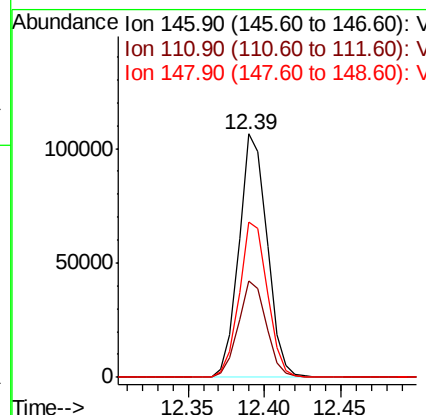
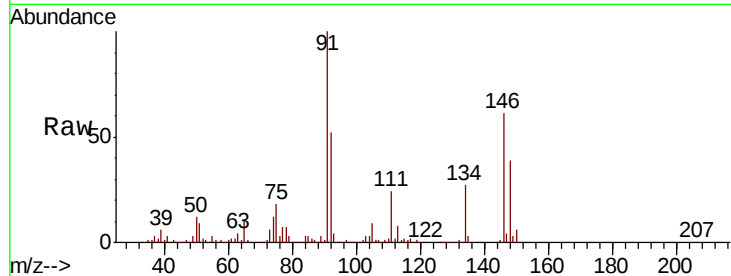




#91
 1,2-Dichlorobenzene
 Concen: 19.683 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

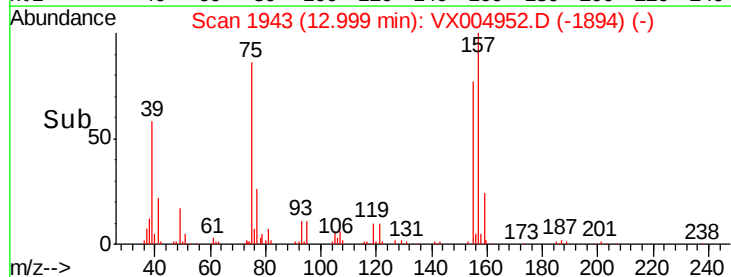
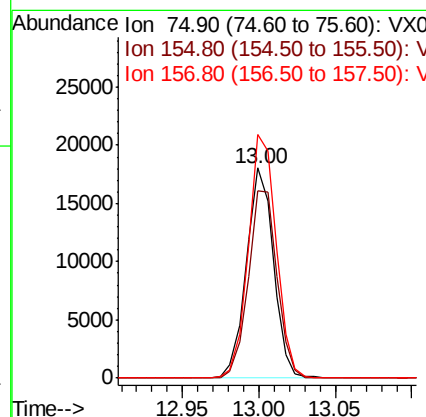
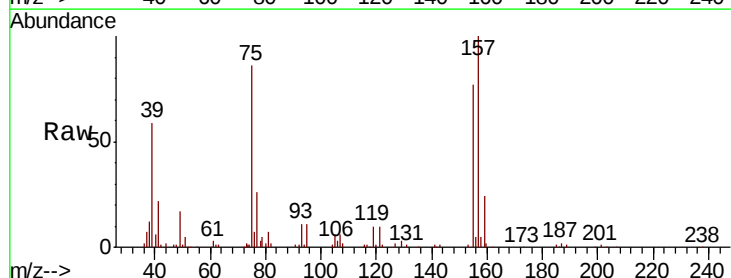
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBSD01

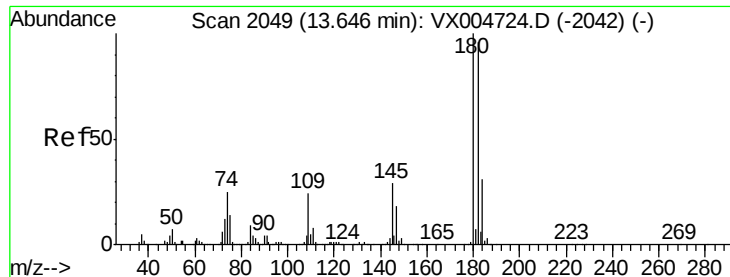
Tot Ion:146 Resp: 135807
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.7
 148 64.1 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.407 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

Tgt Ion: 75 Resp: 22203
 Ion Ratio Lower Upper
 75 100
 155 93.9 46.1 138.3
 157 119.1 60.2 180.6

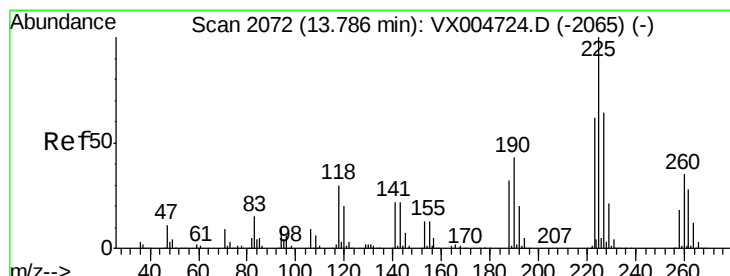
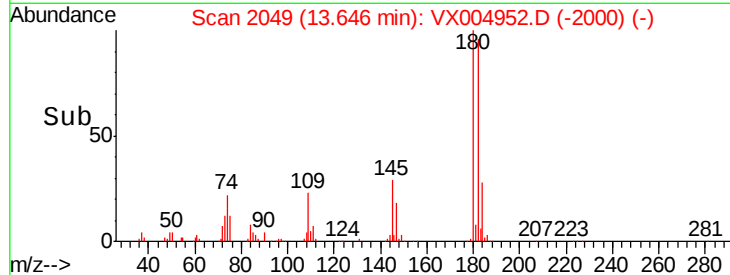
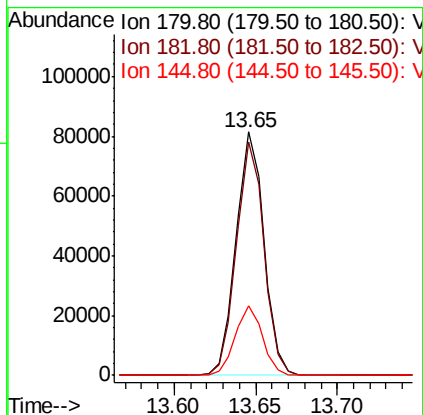
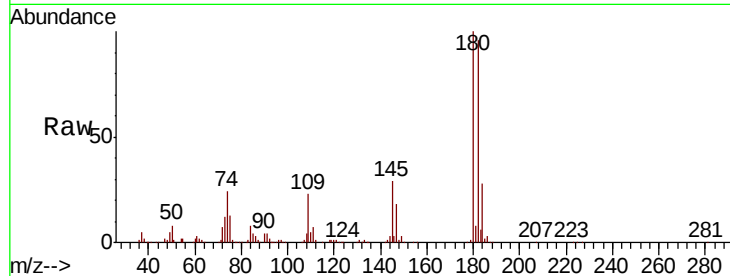




#93
 1,2,4-Trichlorobenzene
 Concen: 20.010 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

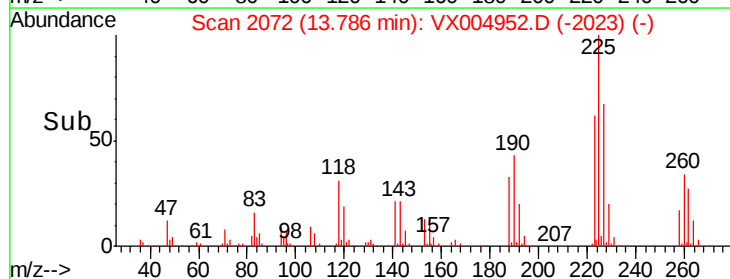
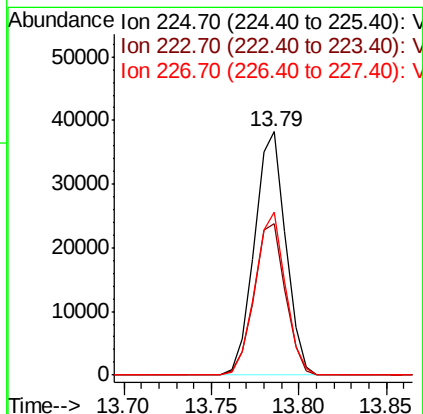
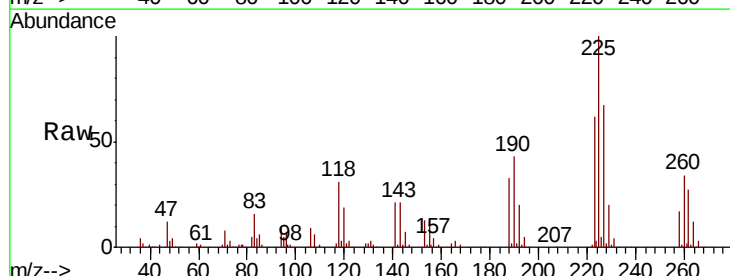
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBSD01

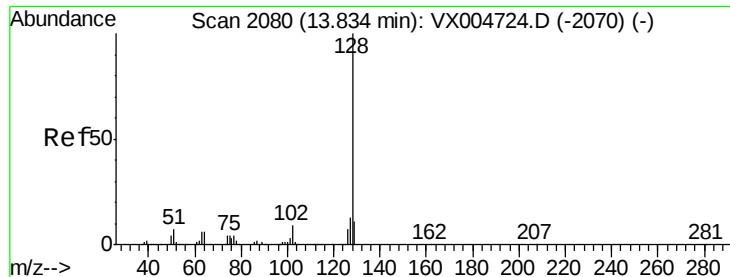
Tot Ion:180 Resp: 96848
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.8 143.4
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.919 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004952.D
 Acq: 03 Oct 2018 07:33

Tgt Ion:225 Resp: 47484
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.3 93.8
 227 65.2 31.9 95.5





#95

Naphthalene

Concen: 19.782 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

Instrument :

MSVOA_X

ClientSampleId :

VX1003MBSD01

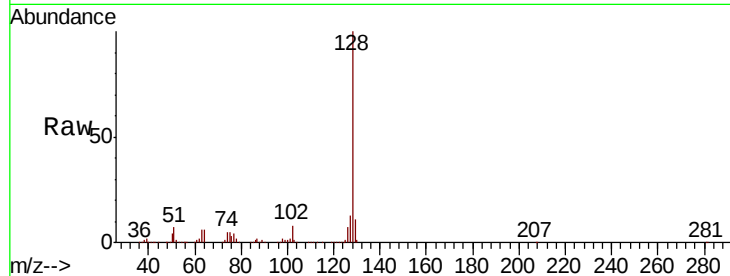
Tot Ion:128 Resp: 310703

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

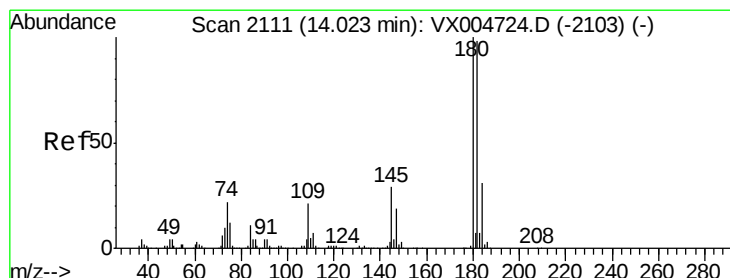
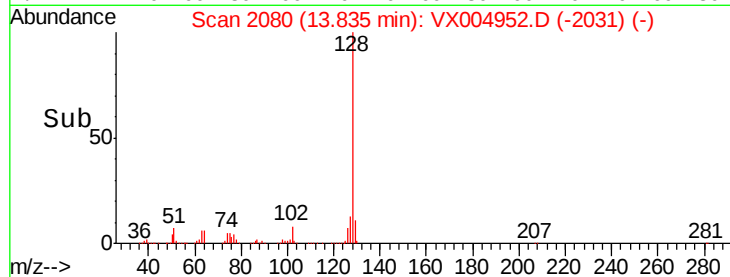
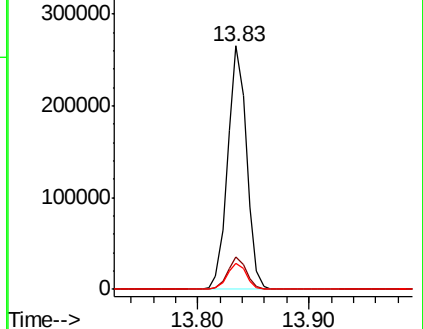
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.160 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004952.D

Acq: 03 Oct 2018 07:33

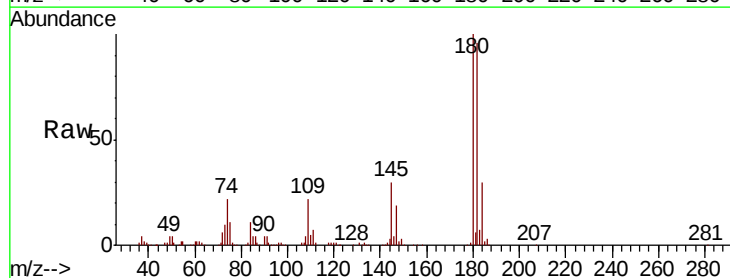
Tgt Ion:180 Resp: 100798

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.8

145 30.7 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

