

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005077.D
 Acq On : 05 Oct 2018 20:11
 Operator : JC/MD
 Sample : VX1005MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

Quant Time: Oct 05 23:46:06 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	230106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191619	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	162535	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	5.51	113	130844	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
50) Toluene-d8	8.72	98	481685	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.14	95	177756	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62726	19.993	ug/l	96
3) Chloromethane	1.32	50	70885	18.622	ug/l	100
4) Vinyl Chloride	1.40	62	71487	20.024	ug/l	98
5) Bromomethane	1.64	94	40402	19.084	ug/l	96
6) Chloroethane	1.72	64	41757	20.069	ug/l	95
7) Trichlorofluoromethane	1.93	101	93747	21.211	ug/l	95
8) Diethyl Ether	2.19	74	37205	19.377	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50999	20.257	ug/l	99
10) Methyl Iodide	2.51	142	49264	14.623	ug/l	92
11) Tert butyl alcohol	3.07	59	98040	106.670	ug/l	100
12) 1,1-Dichloroethene	2.37	96	48740	19.549	ug/l	98
13) Acrolein	2.29	56	17808	27.232	ug/l	94
14) Allyl chloride	2.73	41	111197	20.440	ug/l	97
15) Acrylonitrile	3.15	53	218086	107.788	ug/l	98
16) Acetone	2.45	43	182572	95.136	ug/l	93
17) Carbon Disulfide	2.57	76	127478	17.015	ug/l	99
18) Methyl Acetate	2.78	43	125362	25.783	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	194015	22.559	ug/l #	89
20) Methylene Chloride	2.85	84	59969	21.006	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	51546	18.886	ug/l #	68
22) Diisopropyl ether	3.87	45	194706	21.255	ug/l	97
23) Vinyl Acetate	3.82	43	826771	98.598	ug/l	98
24) 1,1-Dichloroethane	3.70	63	109346	20.010	ug/l	98
25) 2-Butanone	4.71	43	286657	101.337	ug/l	95
26) 2,2-Dichloropropane	4.59	77	71919	18.900	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	58494	19.184	ug/l	95
28) Bromochloromethane	5.02	49	47500	18.459	ug/l	99
29) Tetrahydrofuran	5.16	42	189241	107.636	ug/l	97
30) Chloroform	5.22	83	100920	19.541	ug/l	99
31) Cyclohexane	5.57	56	86570	20.699	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	84128	19.946	ug/l	96
36) 1,1-Dichloropropene	5.80	75	74123	19.148	ug/l	93
37) Ethyl Acetate	4.86	43	103143	20.073	ug/l	98
38) Carbon Tetrachloride	5.78	117	75799	18.628	ug/l	94

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 Misc : 5.00µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

Quant Time: Oct 05 23:46:06 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)
39) Methylcyclohexane	7.46	83	78172	19.777	ug/l	89
40) Benzene	6.15	78	220517	18.196	ug/l	94
41) Methacrylonitrile	5.06	41	54867	19.254	ug/l	94
42) 1,2-Dichloroethane	6.20	62	80618	18.818	ug/l	99
43) Isopropyl Acetate	6.46	43	143268	19.317	ug/l	95
44) Trichloroethene	7.21	130	58498	19.635	ug/l	97
45) 1,2-Dichloropropane	7.52	63	60513	20.361	ug/l	98
46) Dibromomethane	7.66	93	37446	20.049	ug/l	99
47) Bromodichloromethane	7.90	83	71035	20.313	ug/l	99
48) Methyl methacrylate	7.78	41	73145	21.729	ug/l	98
49) 1,4-Dioxane	7.76	88	33247	397.545	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	517723	110.867	ug/l	99
52) Toluene	8.79	92	134580	20.210	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	77263	19.552	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	84907	20.513	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	57858	19.835	ug/l	95
56) Ethyl methacrylate	9.18	69	87185	20.227	ug/l	98
57) 1,3-Dichloropropane	9.37	76	96881	19.956	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	243357	105.551	ug/l	98
59) 2-Hexanone	9.50	43	407807	104.796	ug/l	94
60) Dibromochloromethane	9.59	129	56511	19.372	ug/l	98
61) 1,2-Dibromoethane	9.67	107	59223	18.958	ug/l	94
64) Tetrachloroethene	9.34	164	61652	19.914	ug/l	97
65) Chlorobenzene	10.14	112	152716	18.933	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54322	19.156	ug/l	99
67) Ethyl Benzene	10.26	91	250795	19.584	ug/l	96
68) m/p-Xylenes	10.36	106	196760	39.319	ug/l	95
69) o-Xylene	10.70	106	95682	20.817	ug/l	98
70) Styrene	10.71	104	159148	19.861	ug/l	100
71) Bromoform	10.86	173	44727	18.423	ug/l	96
73) Isopropylbenzene	11.02	105	260604	21.577	ug/l	99
74) N-amyl acetate	10.90	43	122436	19.546	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93312	18.979	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	106906	24.891	ug/l	86
77) Bromobenzene	11.26	156	69982	19.948	ug/l	99
78) n-propylbenzene	11.36	91	297661	21.479	ug/l	99
79) 2-Chlorotoluene	11.42	91	178316	20.643	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	219109	19.673	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24754	17.082	ug/l	96
82) 4-Chlorotoluene	11.51	91	210970	20.750	ug/l	99
83) tert-Butylbenzene	11.77	119	212772	21.397	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	226643	19.733	ug/l	100
85) sec-Butylbenzene	11.94	105	264555	21.842	ug/l	100
86) p-Isopropyltoluene	12.07	119	235104	21.424	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	128732	19.652	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129835	19.200	ug/l	99
89) n-Butylbenzene	12.39	91	202784	20.347	ug/l	100
90) Hexachloroethane	12.60	117	34916	19.110	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	129437	18.908	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21819	20.212	ug/l	98

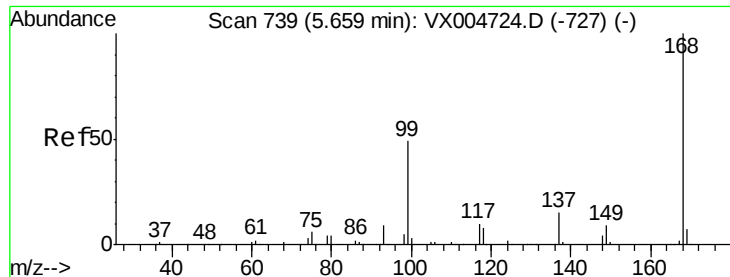
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100518\
Data File : VX005077.D
Acq On : 05 Oct 2018 20:11
Operator : JC/MD
Sample : VX1005MBS01
Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Quant Time: Oct 05 23:46:06 2018
Quant Method : Z:\V0ASRV\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	95273	19.839	ug/l	99
94) Hexachlorobutadiene	13.79	225	48609	19.520	ug/l	99
95) Naphthalene	13.83	128	302215	19.408	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99312	20.020	ug/l	100

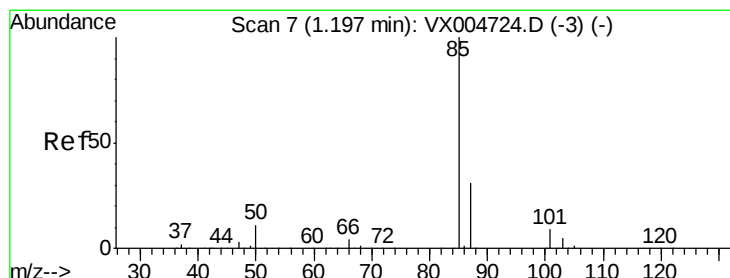
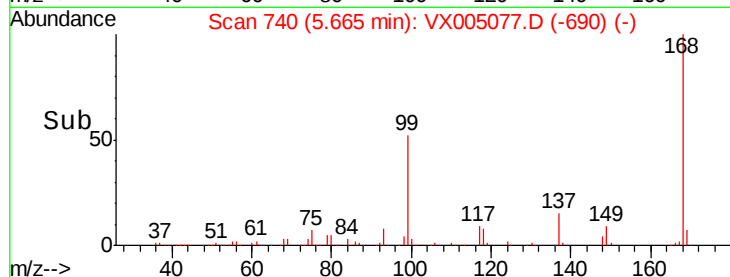
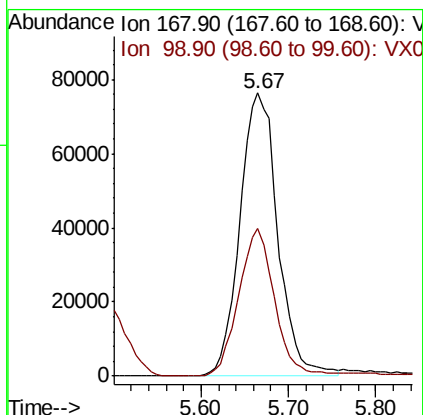
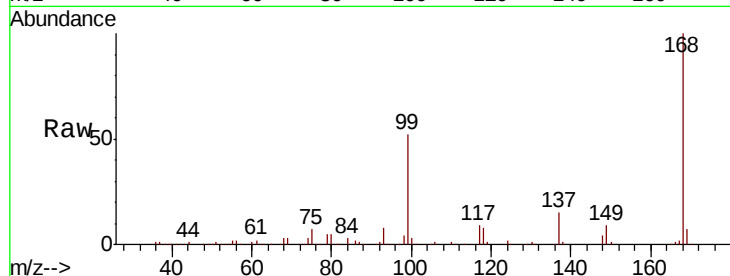
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

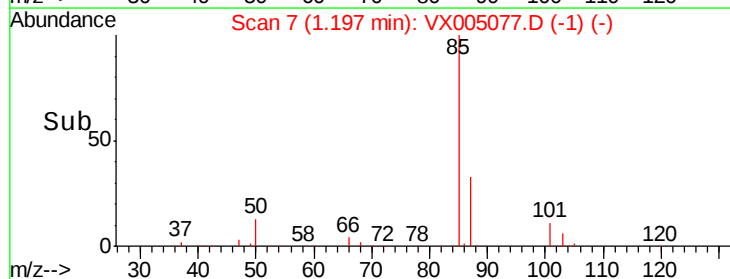
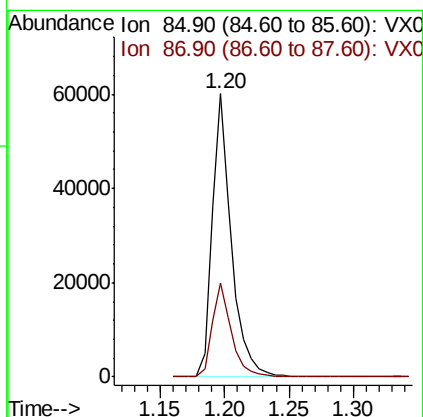
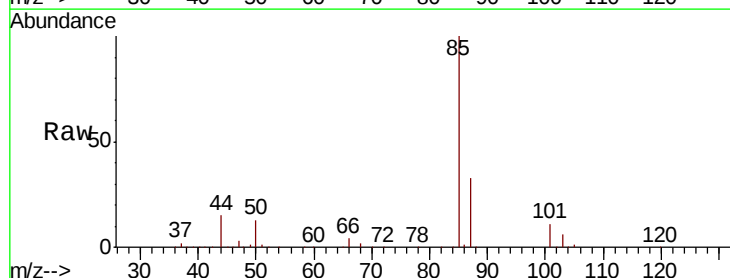
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

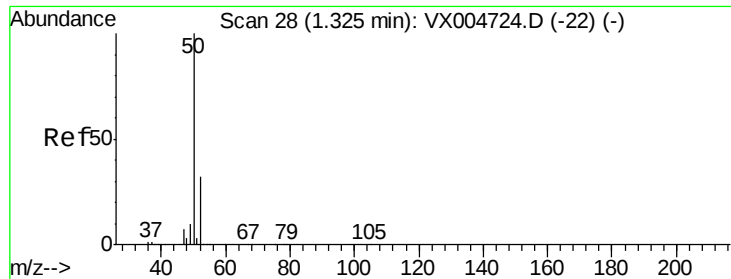
Tot Ion:168 Resp: 230106
Ion Ratio Lower Upper
168 100
99 52.0 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 19.993 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 85 Resp: 62726
Ion Ratio Lower Upper
85 100
87 33.3 15.7 47.1





#3

Chloromethane

Concen: 18.622 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

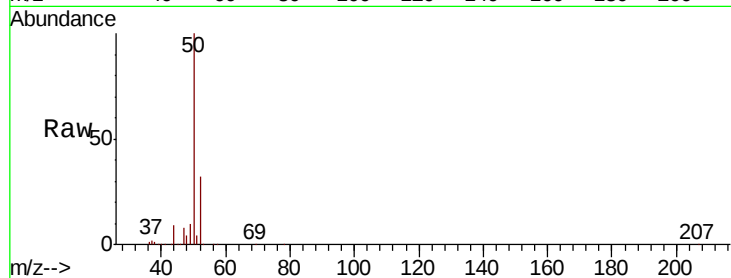
VX1005MBS01

Tot Ion: 50 Resp: 70885

Ion Ratio Lower Upper

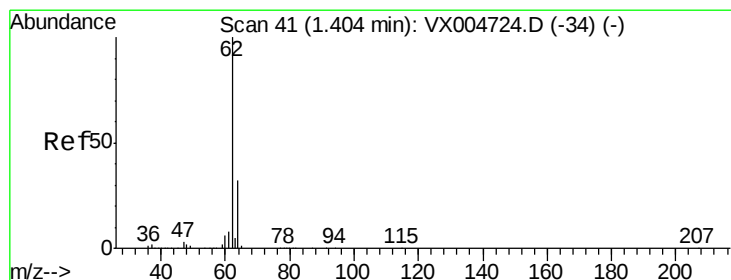
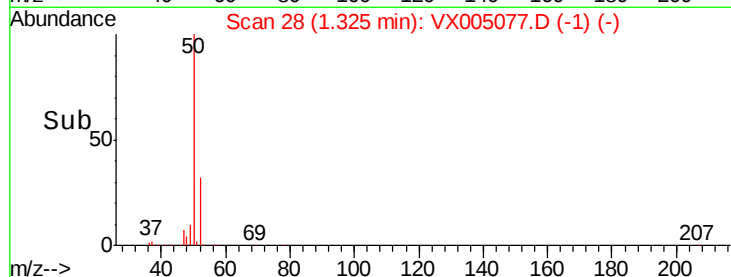
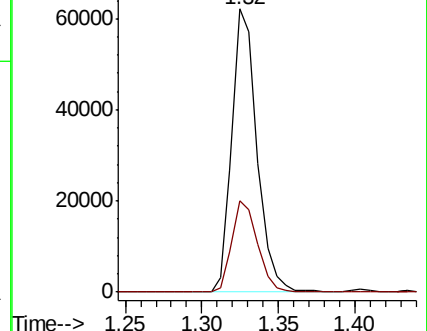
50 100

52 32.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX004724.D (-22) (-)

Ion 51.90 (51.60 to 52.60): VX005077.D (-1) (-)



#4

Vinyl Chloride

Concen: 20.024 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005077.D

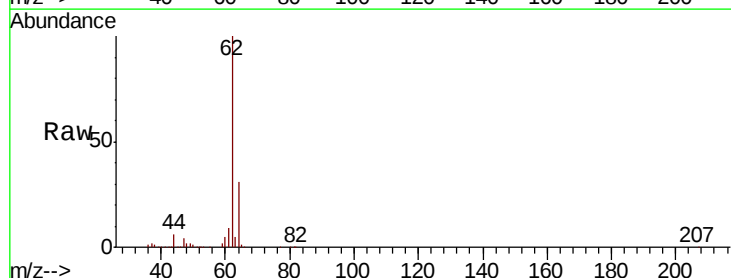
Acq: 05 Oct 2018 20:11

Tgt Ion: 62 Resp: 71487

Ion Ratio Lower Upper

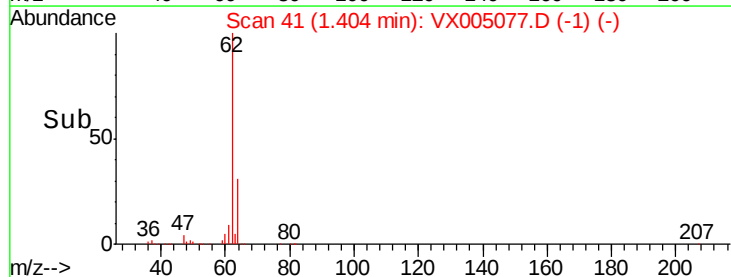
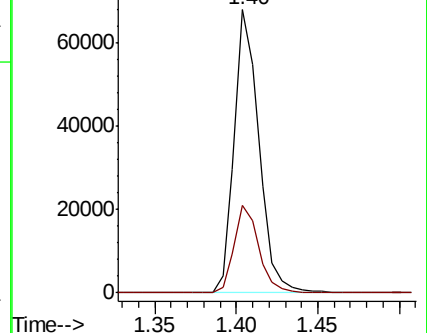
62 100

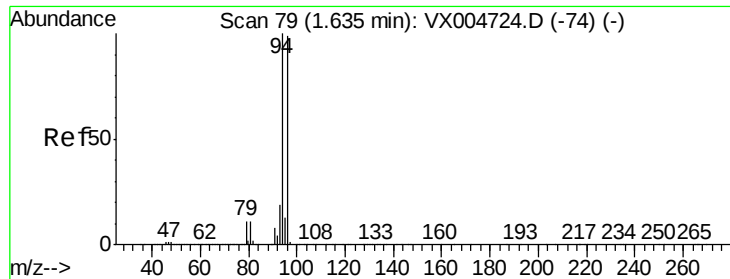
64 30.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX004724.D (-34) (-)

Ion 63.90 (63.60 to 64.60): VX005077.D (-1) (-)





#5

Bromomethane

Concen: 19.084 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

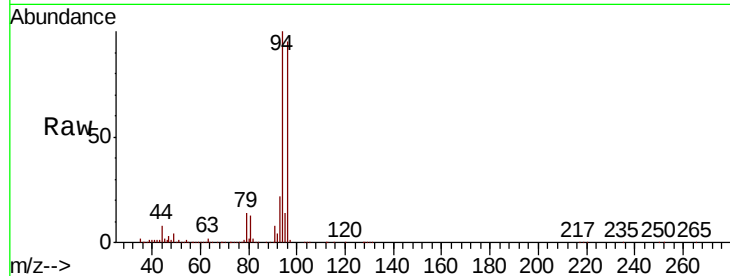
VX1005MBS01

Tot Ion: 94 Resp: 40402

Ion Ratio Lower Upper

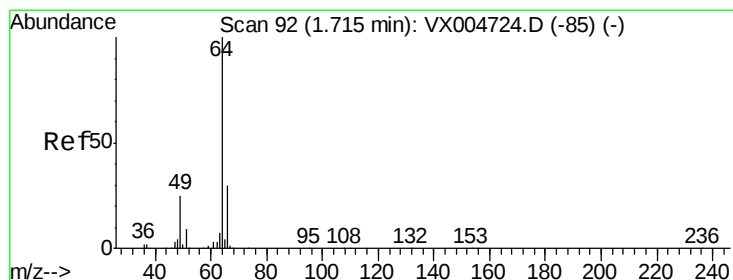
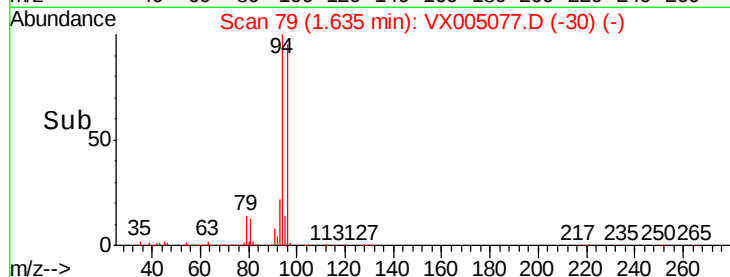
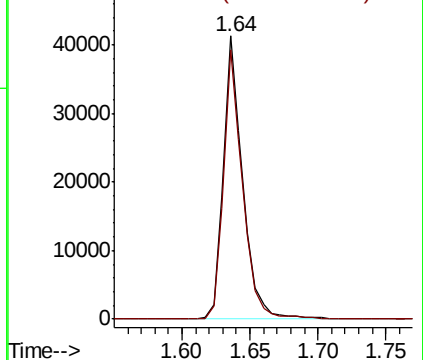
94 100

96 95.3 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: 20.069 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005077.D

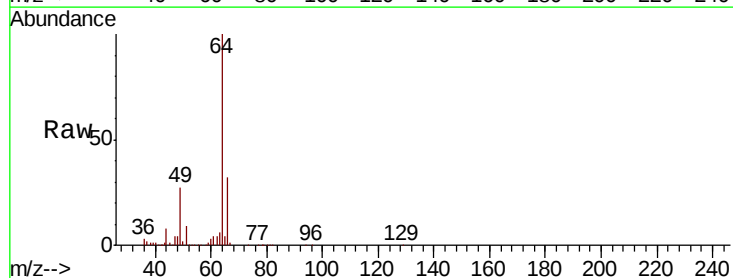
Acq: 05 Oct 2018 20:11

Tgt Ion: 64 Resp: 41757

Ion Ratio Lower Upper

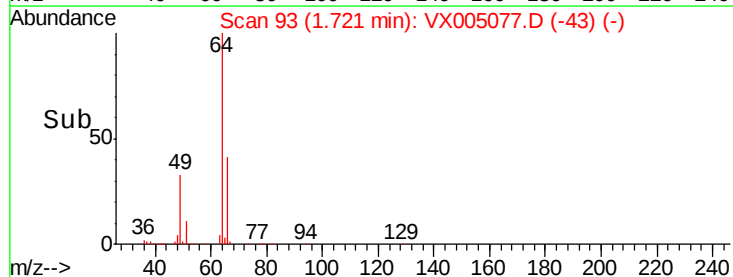
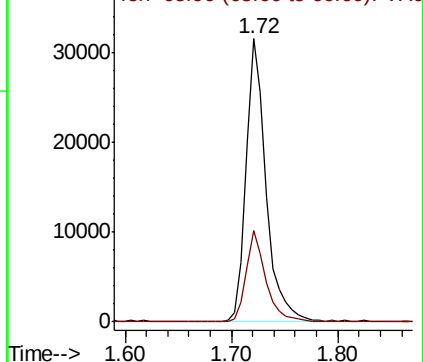
64 100

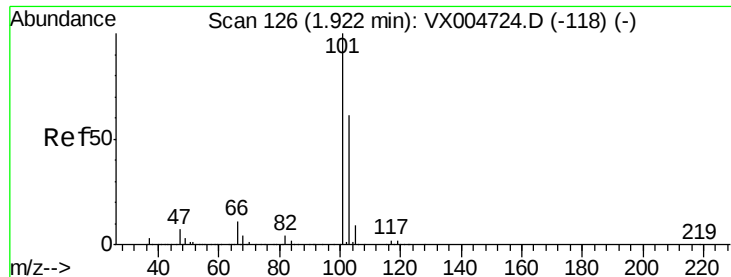
66 32.5 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



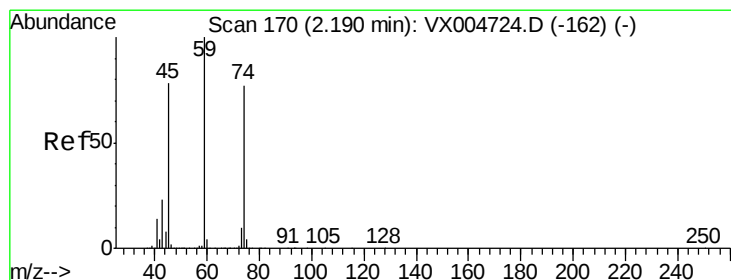
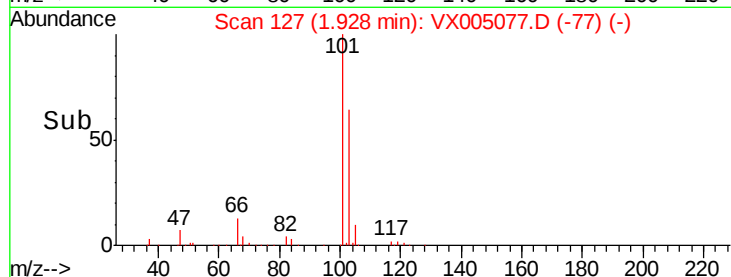
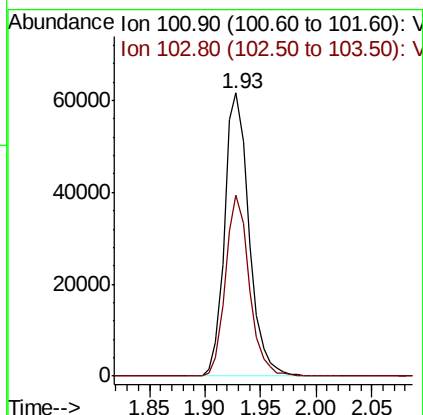
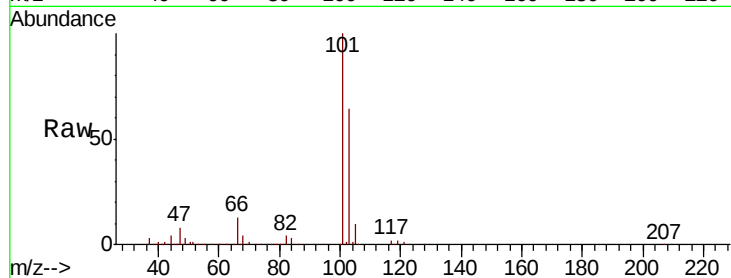


#7

Trichlorofluoromethane
Concen: 21.211 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

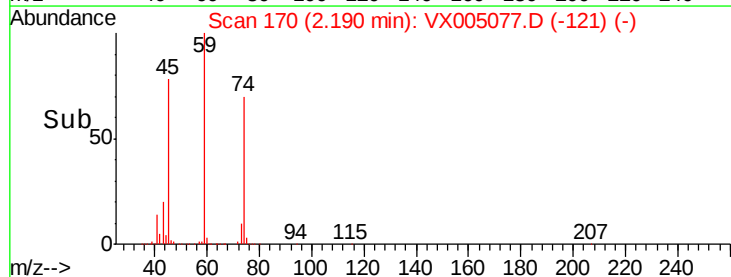
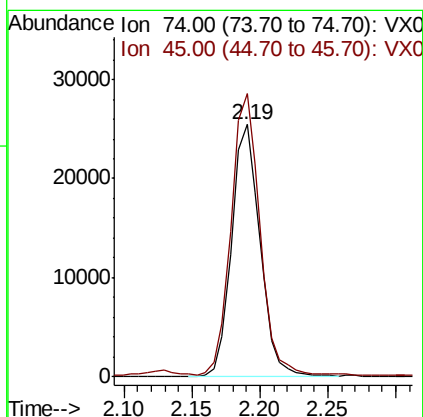
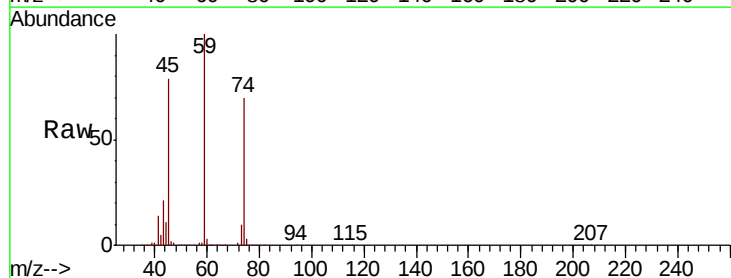
Tot Ion:101 Resp: 93747
Ion Ratio Lower Upper
101 100
103 64.0 48.4 72.6

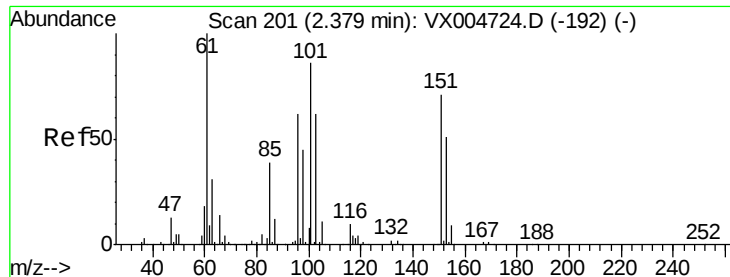


#8

Diethyl Ether
Concen: 19.377 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 74 Resp: 37205
Ion Ratio Lower Upper
74 100
45 112.7 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.257 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

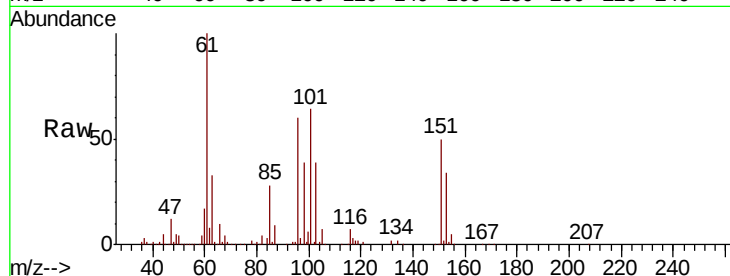
Tot Ion:101 Resp: 50999

Ion Ratio Lower Upper

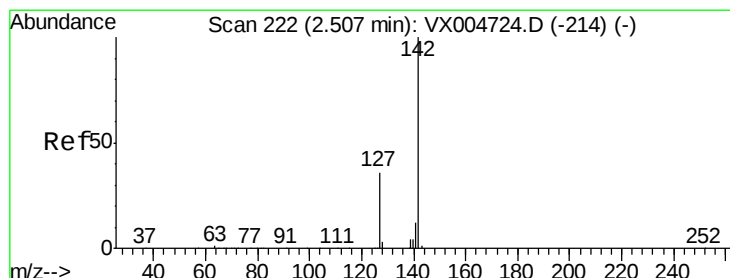
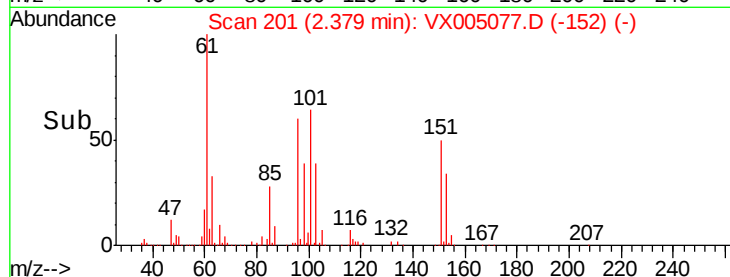
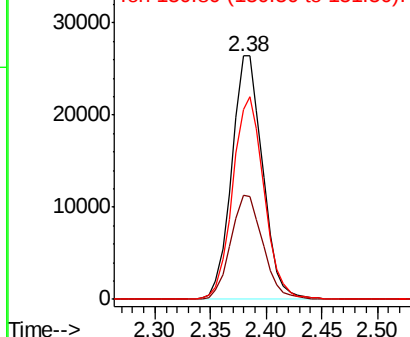
101 100

85 44.3 35.9 53.9

151 84.0 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: 14.623 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

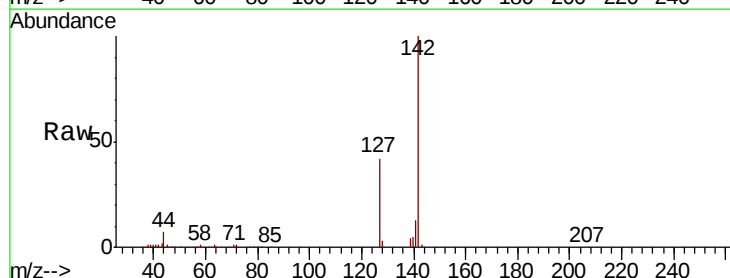
Tgt Ion:142 Resp: 49264

Ion Ratio Lower Upper

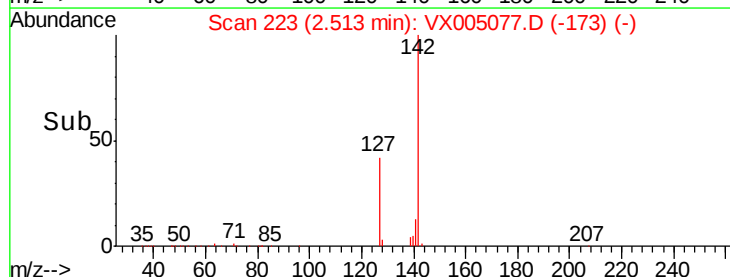
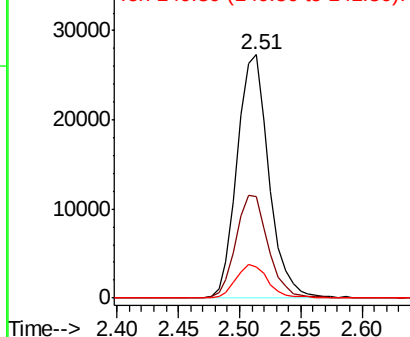
142 100

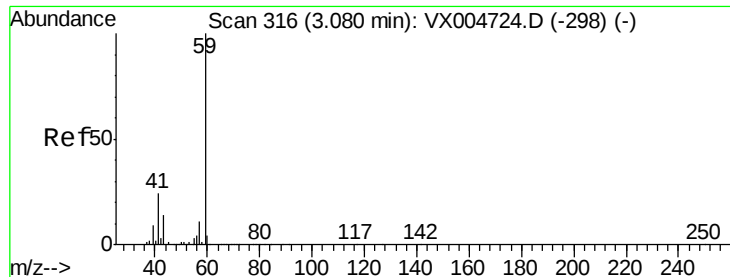
127 43.1 30.1 45.1

141 13.9 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

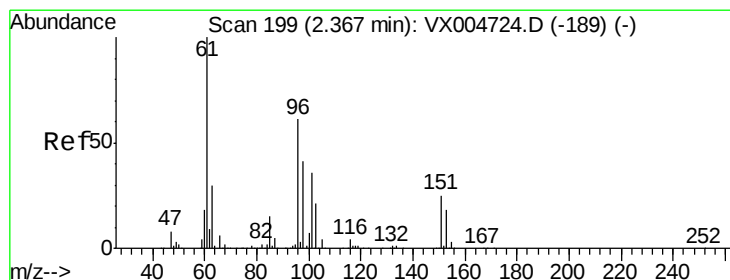
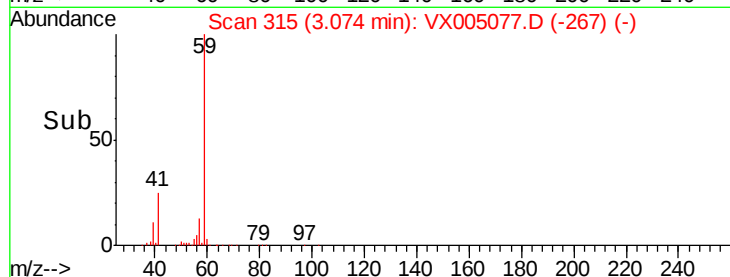
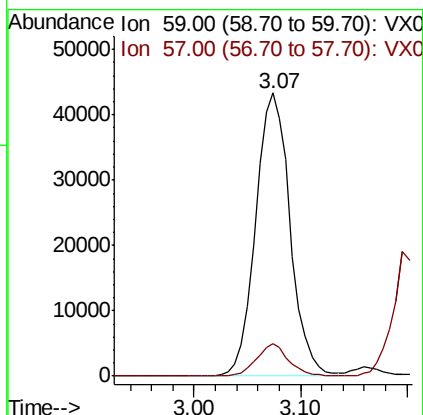
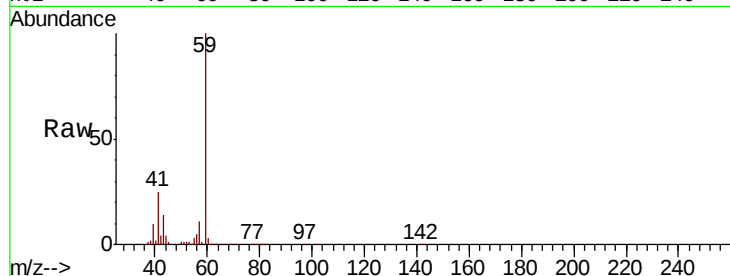




#11
Tert butyl alcohol
Concen: 106.670 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

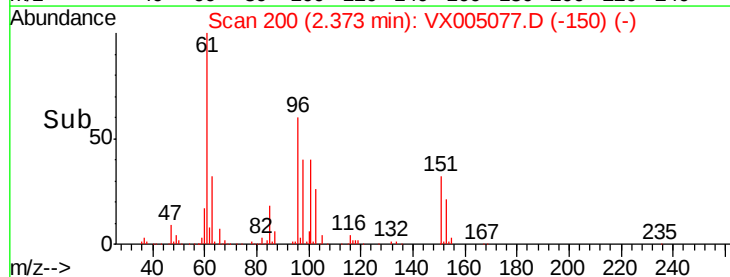
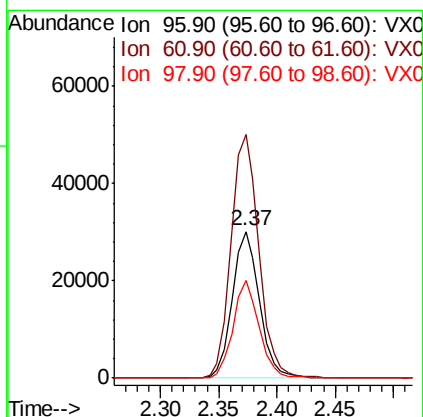
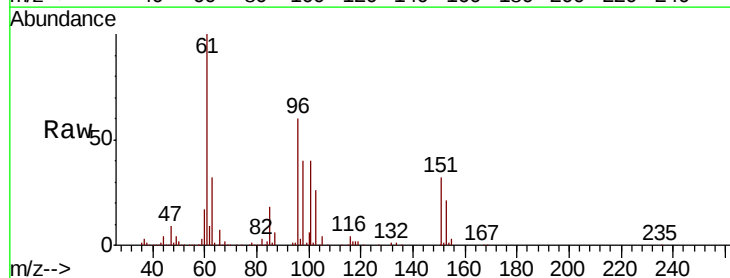
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

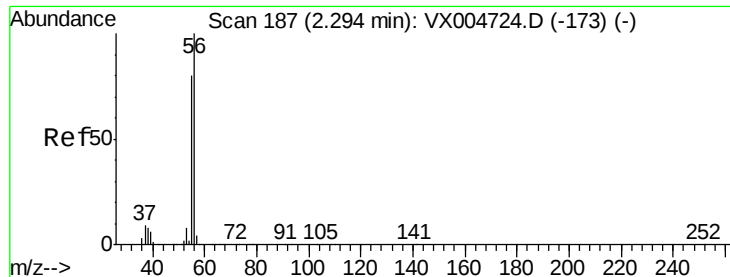
Tot Ion: 59 Resp: 98040
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.549 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 96 Resp: 48740
Ion Ratio Lower Upper
96 100
61 165.8 130.2 195.4
98 66.7 53.4 80.0





#13

Acrolein

Concen: 27.232 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

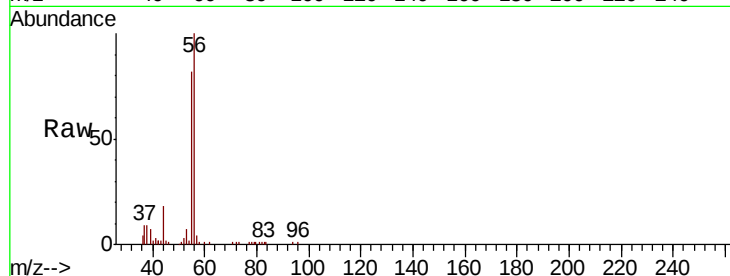
VX1005MBS01

Tot Ion: 56 Resp: 17808

Ion Ratio Lower Upper

56 100

55 74.2 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

12000

10000

8000

6000

4000

2000

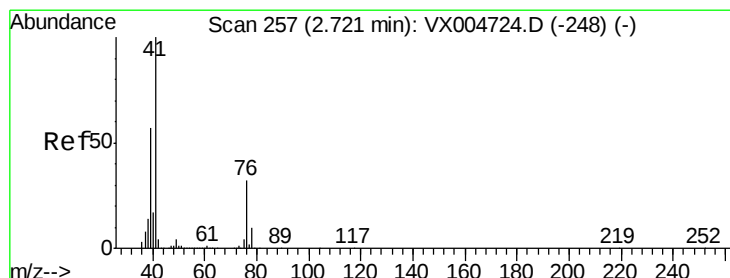
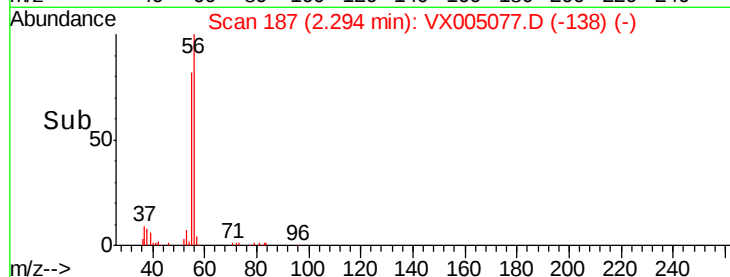
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 20.440 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

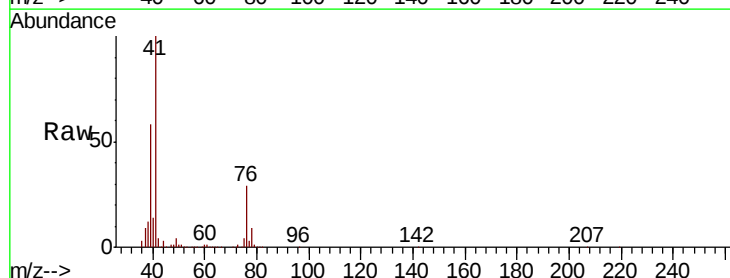
Tgt Ion: 41 Resp: 111197

Ion Ratio Lower Upper

41 100

39 56.7 44.1 66.1

76 28.6 25.0 37.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

60000

40000

20000

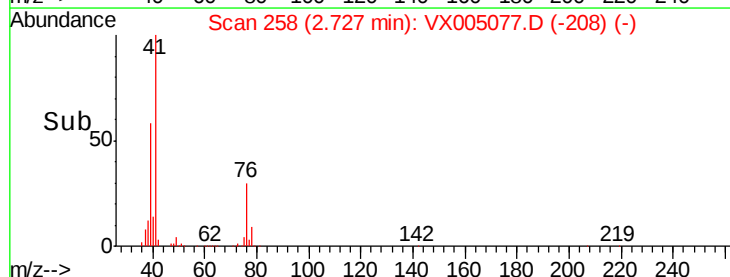
0

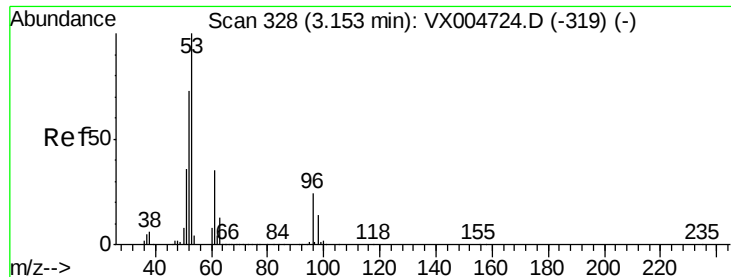
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 107.788 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

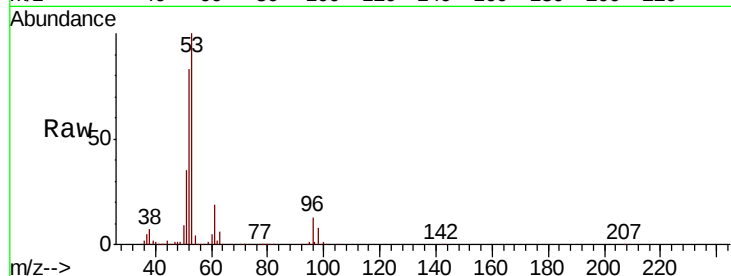
Tot Ion: 53 Resp: 218086

Ion Ratio Lower Upper

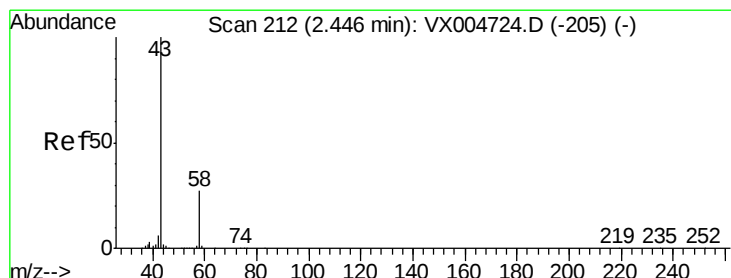
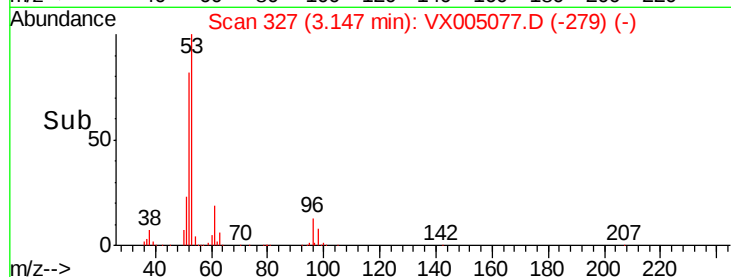
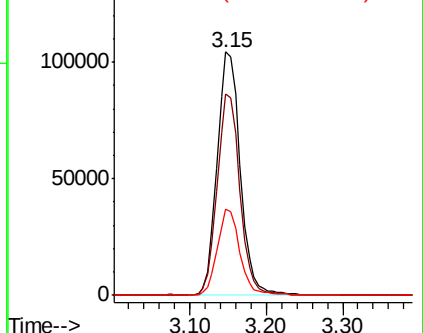
53 100

52 81.1 63.0 94.4

51 34.7 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: 95.136 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005077.D

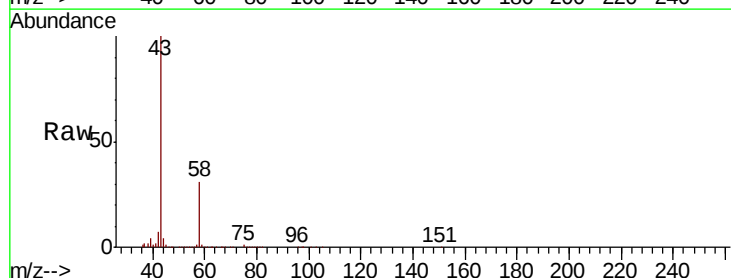
Acq: 05 Oct 2018 20:11

Tgt Ion: 43 Resp: 182572

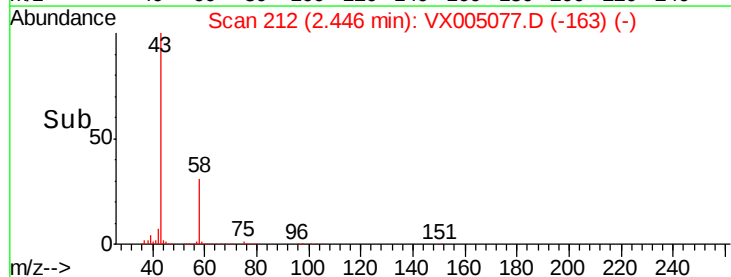
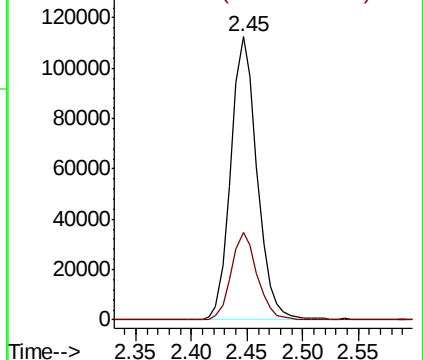
Ion Ratio Lower Upper

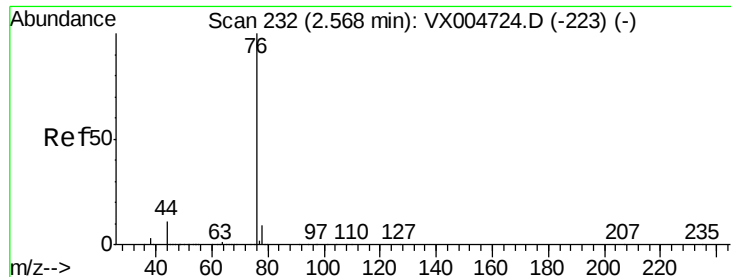
43 100

58 30.8 21.8 32.6



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

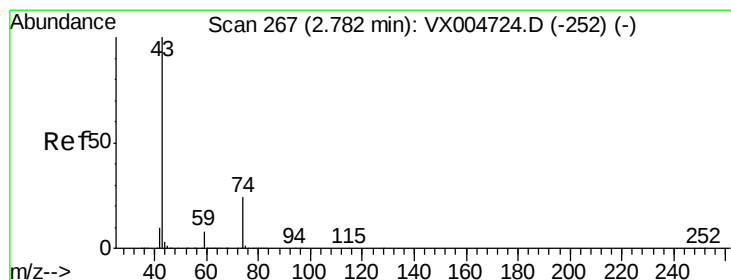
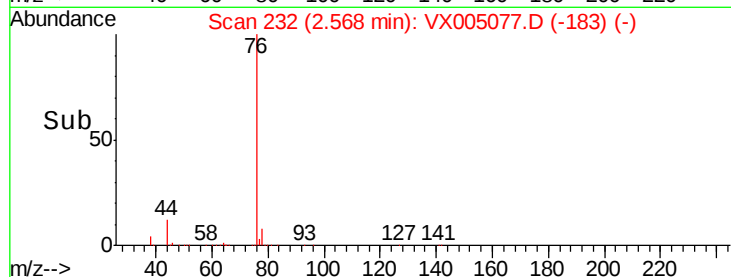
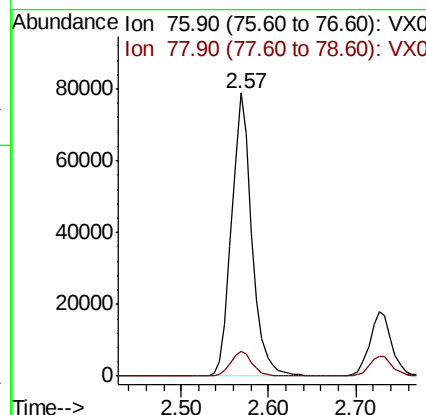
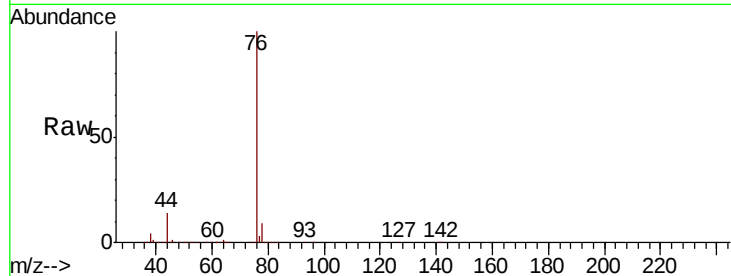




#17
Carbon Disulfide
Concen: 17.015 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

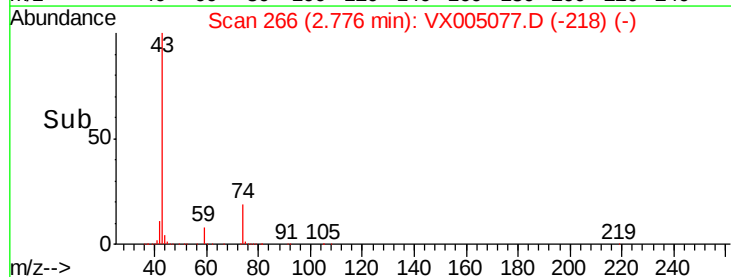
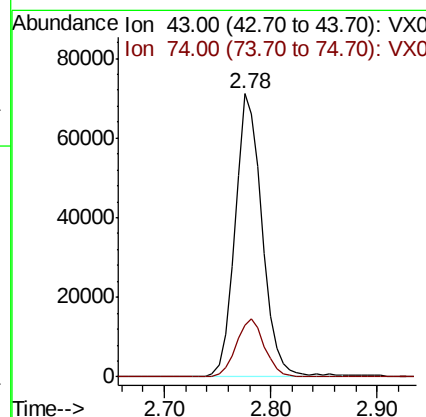
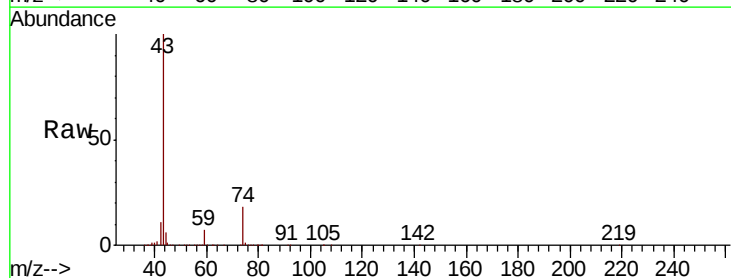
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

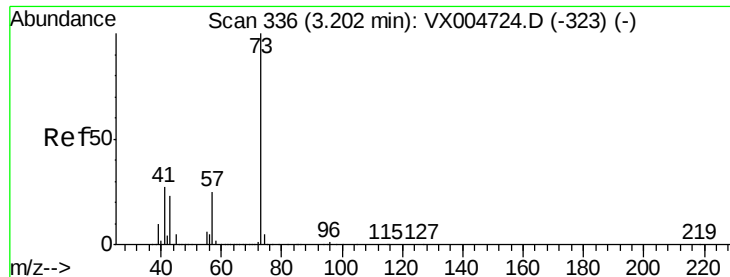
Tot Ion: 76 Resp: 127478
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 25.783 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 43 Resp: 125362
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8



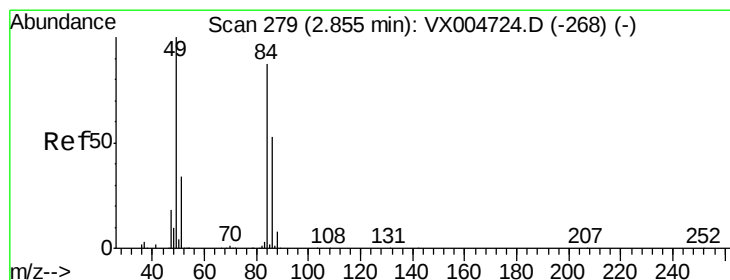
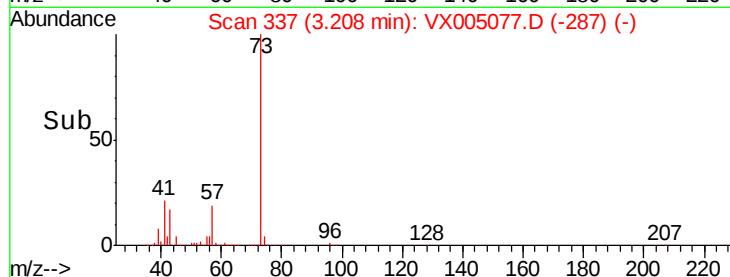
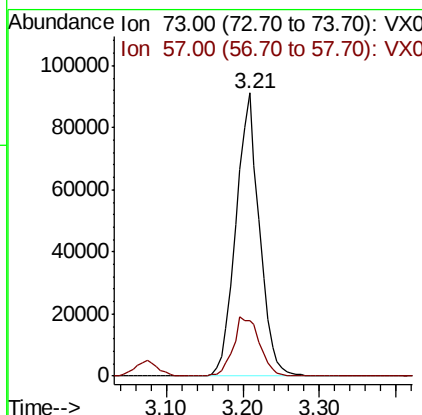
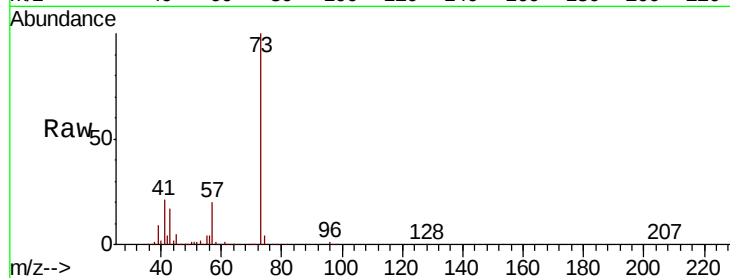


#19

Methyl tert-butyl Ether
 Concen: 22.559 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

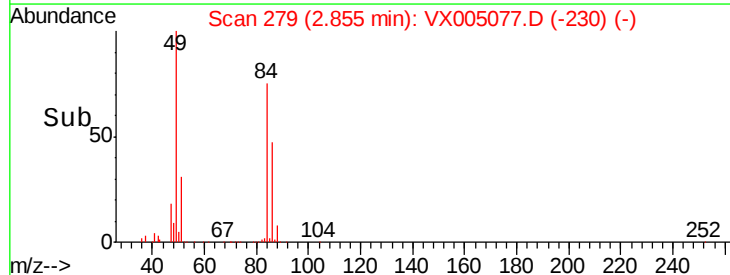
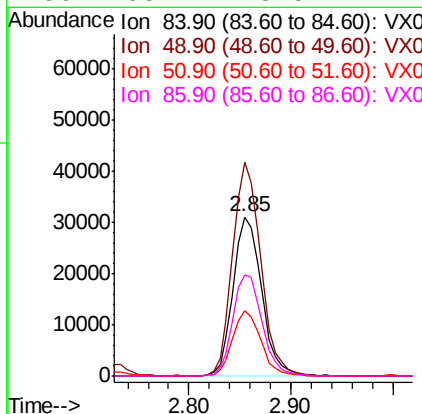
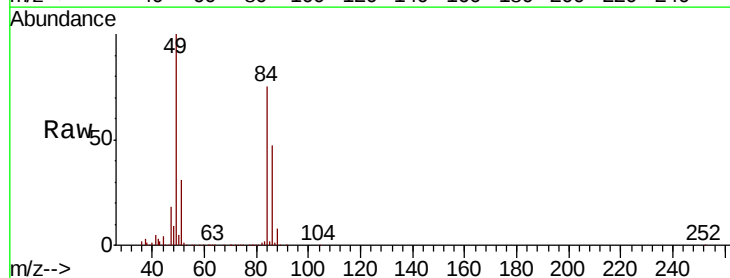
Tot Ion: 73 Resp: 194015
 Ion Ratio Lower Upper
 73 100
 57 19.5 19.9 29.9#

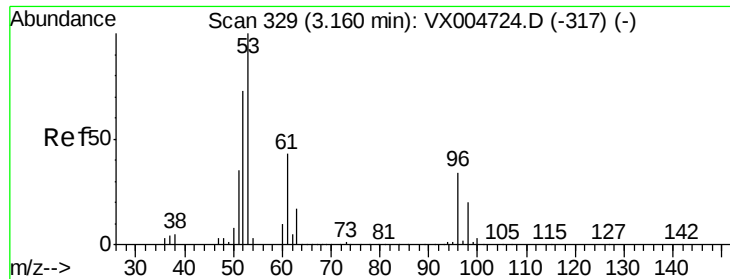


#20

Methylene Chloride
 Concen: 21.006 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Tgt Ion: 84 Resp: 59969
 Ion Ratio Lower Upper
 84 100
 49 134.1 92.3 138.5
 51 41.1 31.8 47.6
 86 63.4 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 18.886 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

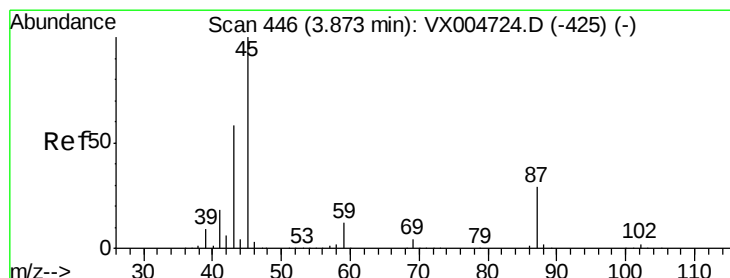
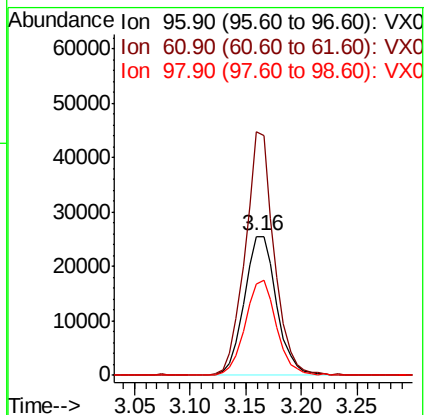
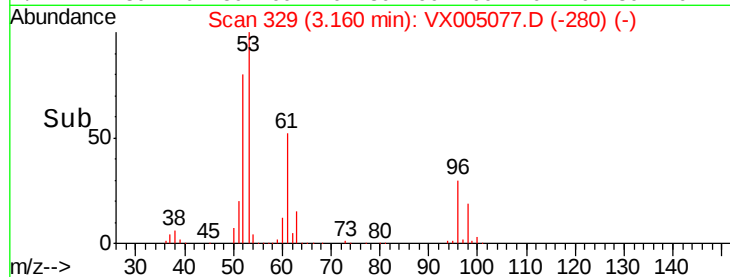
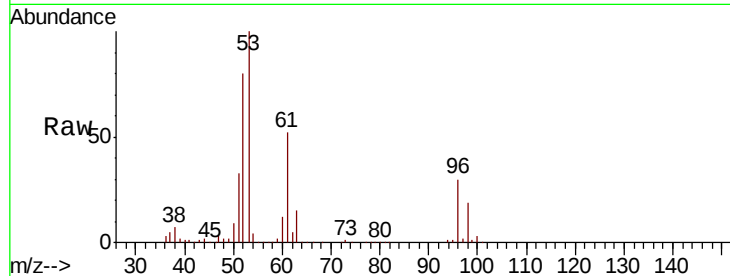
Tot Ion: 96 Resp: 51546

Ion Ratio Lower Upper

96 100

61 174.7 101.0 151.6#

98 65.7 47.2 70.8



#22

Diisopropyl ether

Concen: 21.255 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Tgt Ion: 45 Resp: 194706

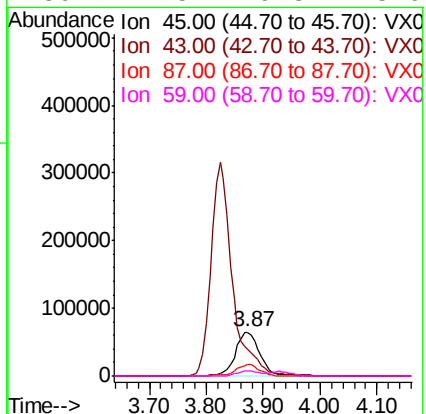
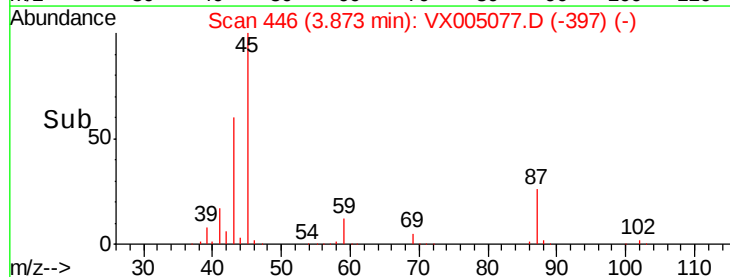
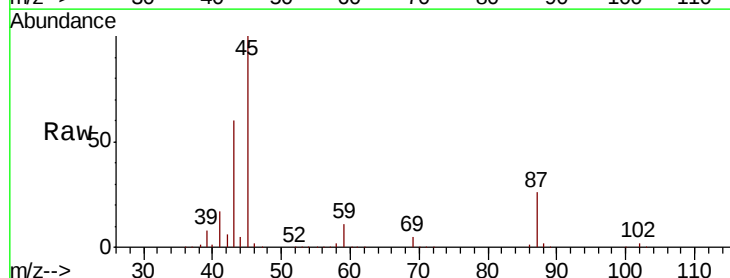
Ion Ratio Lower Upper

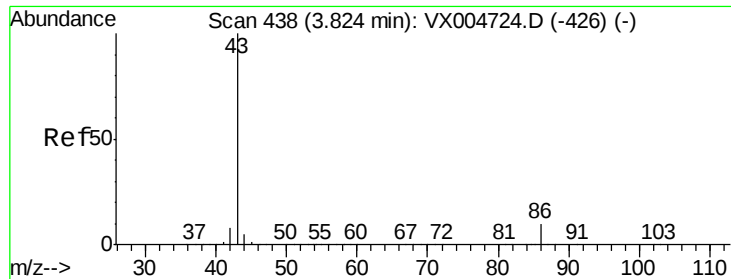
45 100

43 60.0 46.7 70.1

87 25.9 22.9 34.3

59 11.5 9.3 13.9





#23

Vinyl Acetate

Concen: 98.598 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

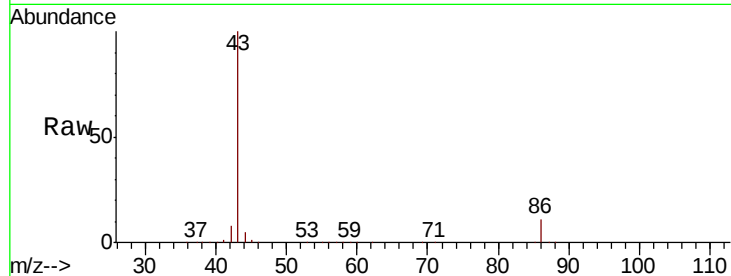
VX1005MBS01

Tot Ion: 43 Resp: 826771

Ion Ratio Lower Upper

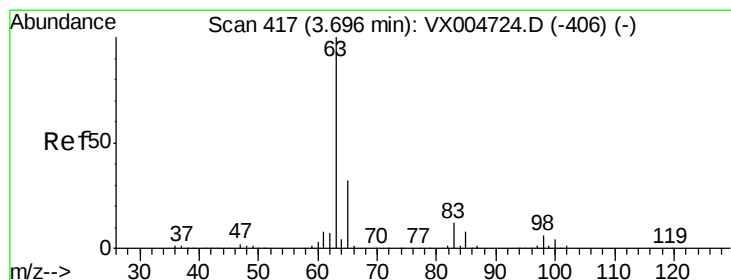
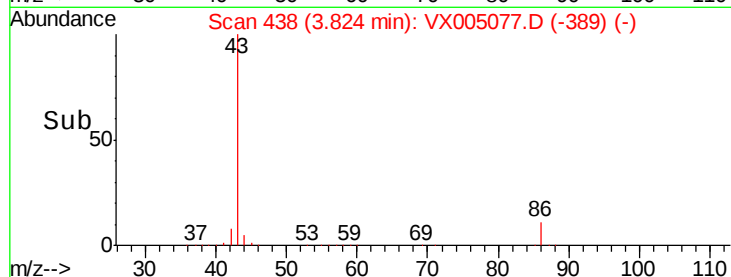
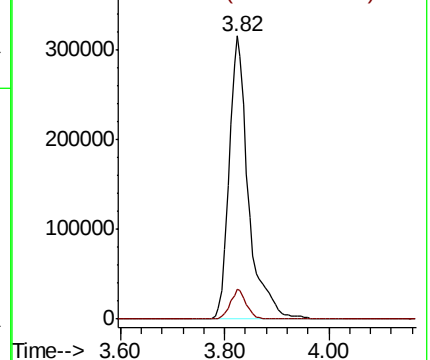
43 100

86 10.8 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.010 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

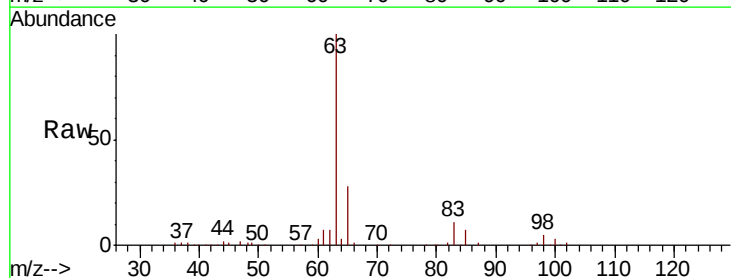
Tgt Ion: 63 Resp: 109346

Ion Ratio Lower Upper

63 100

98 5.4 3.0 9.2

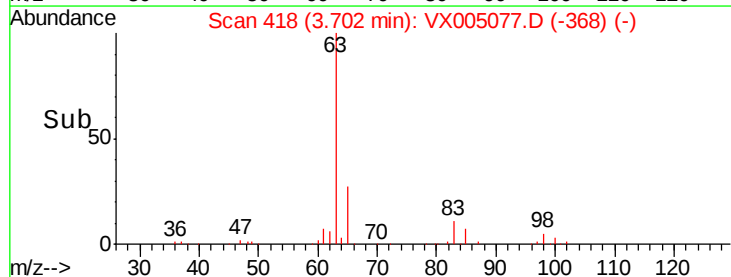
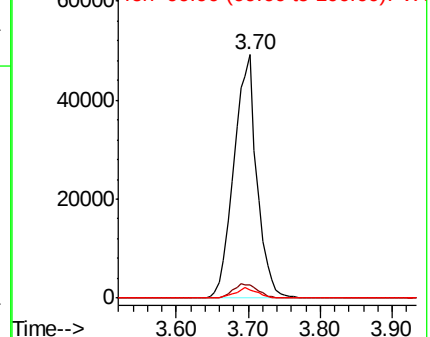
100 3.2 2.0 5.8

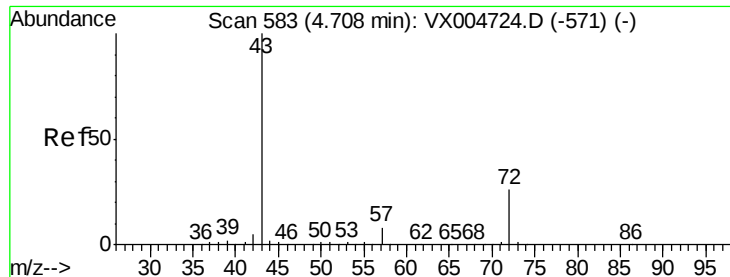


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.337 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

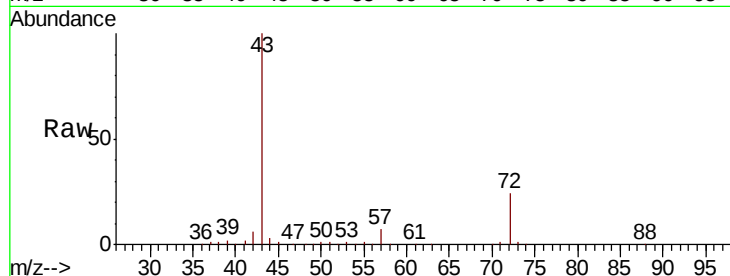
VX1005MBS01

Tot Ion: 43 Resp: 286657

Ion Ratio Lower Upper

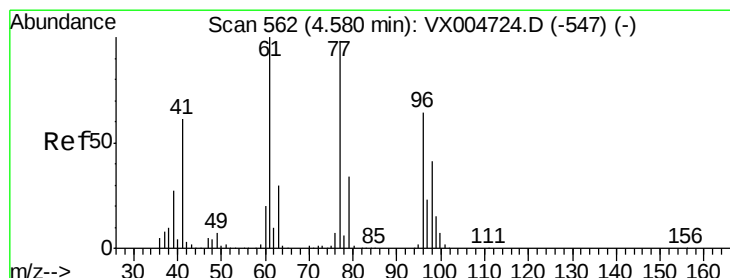
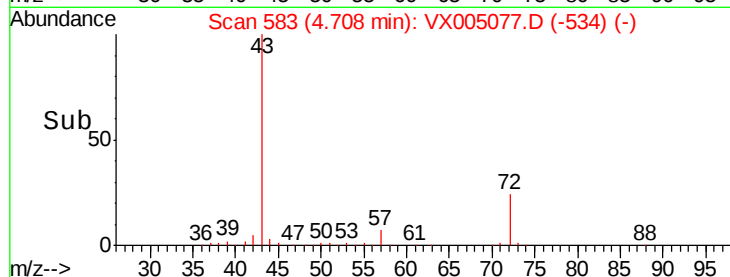
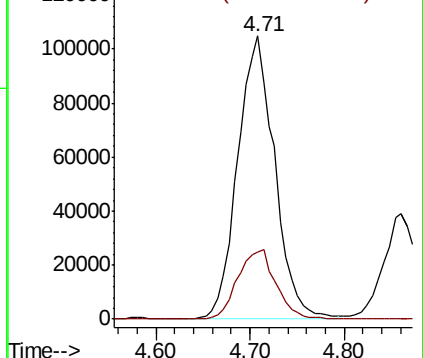
43 100

72 23.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.900 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005077.D

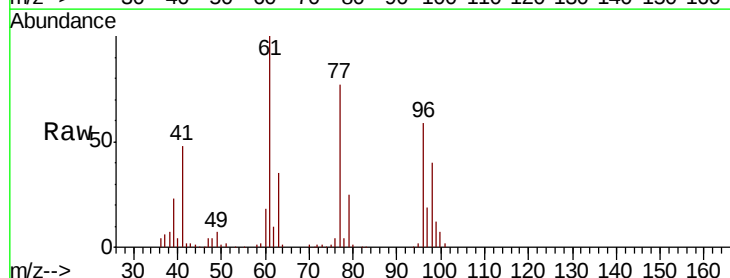
Acq: 05 Oct 2018 20:11

Tgt Ion: 77 Resp: 71919

Ion Ratio Lower Upper

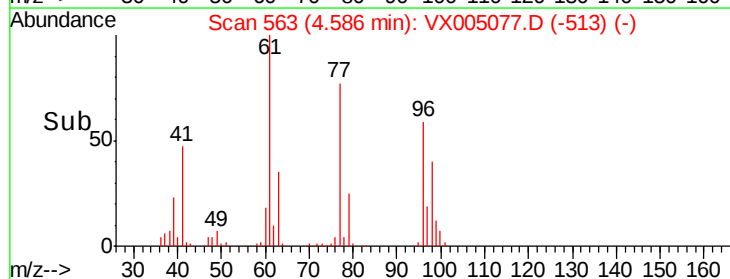
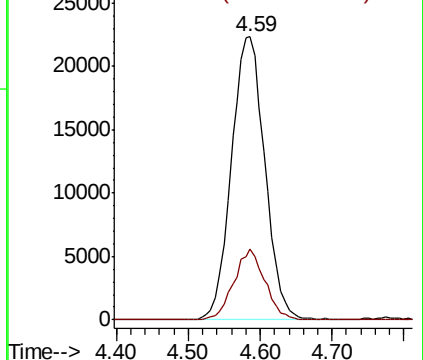
77 100

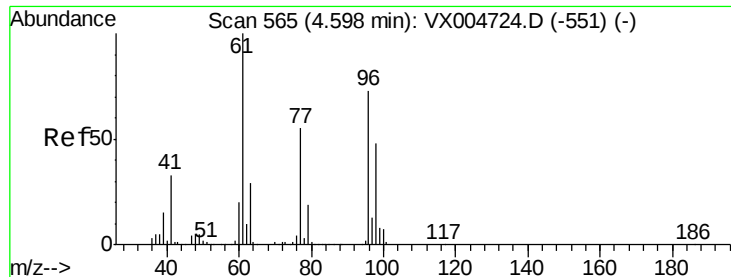
97 23.2 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



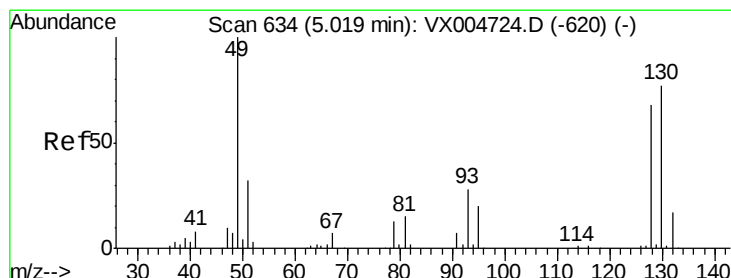
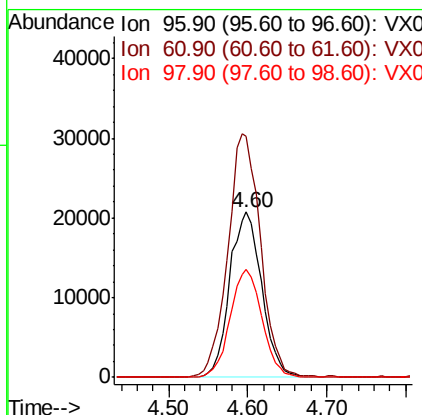
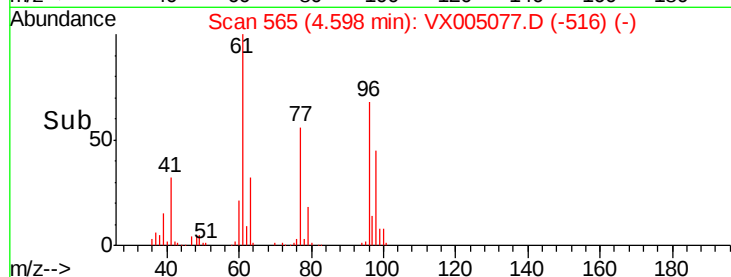
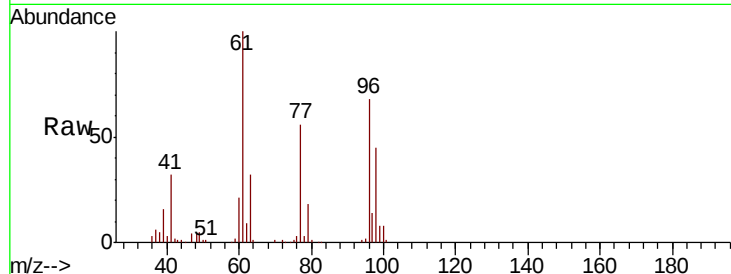


#27

cis-1,2-Dichloroethene
Concen: 19.184 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

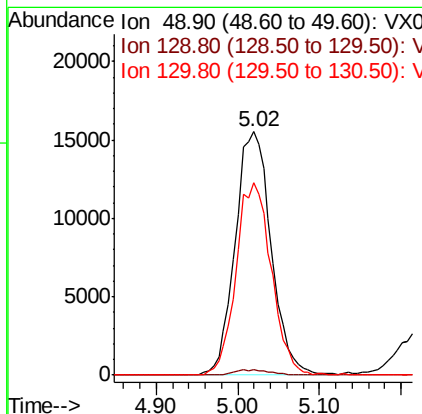
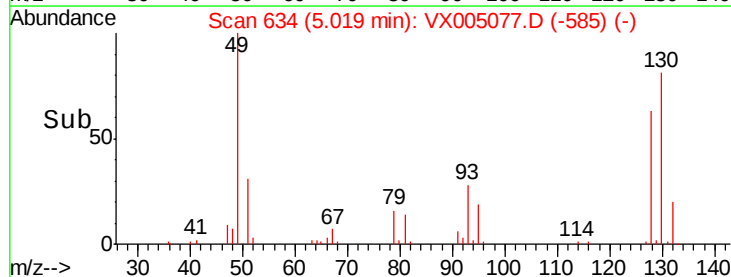
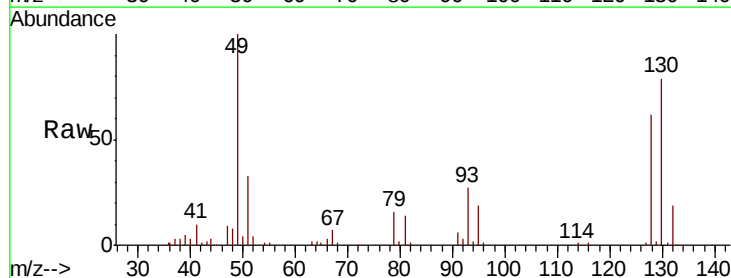
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	285.8
98	64.9	0.0	136.2

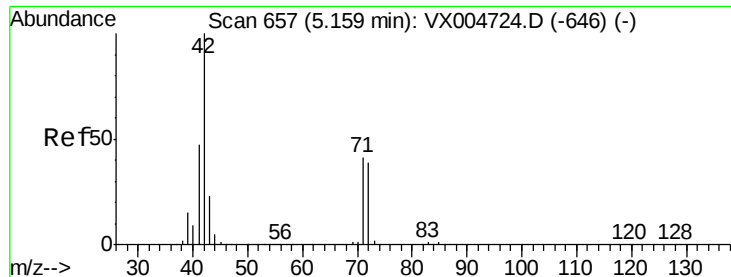


#28

Bromochloromethane
Concen: 18.459 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	77.0	62.0	93.0

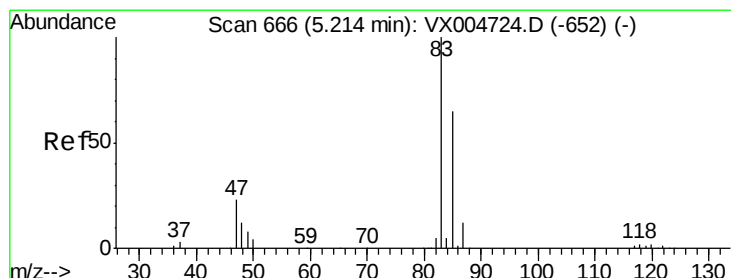
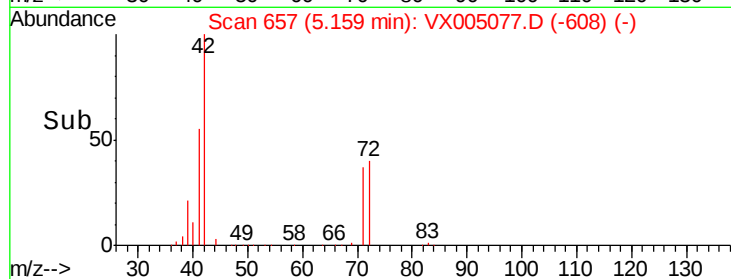
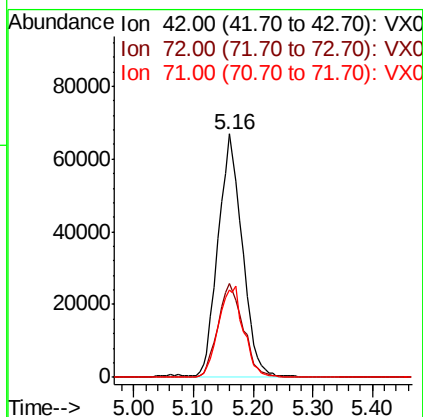
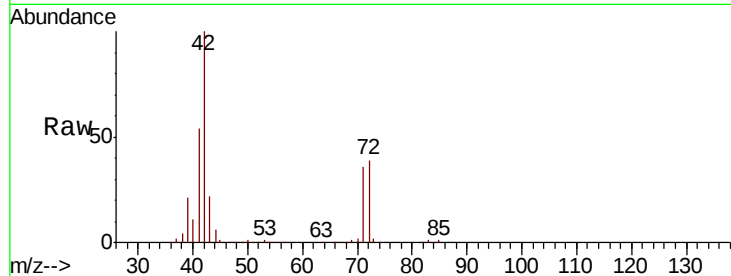




#29
Tetrahydrofuran
Concen: 107.636 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

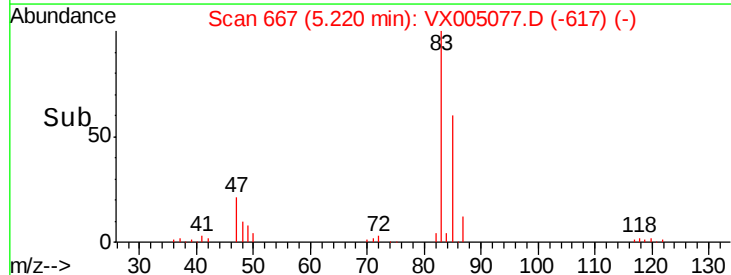
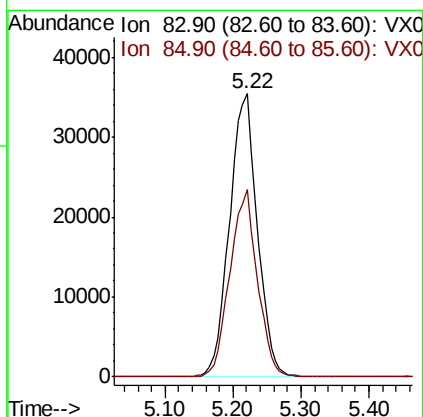
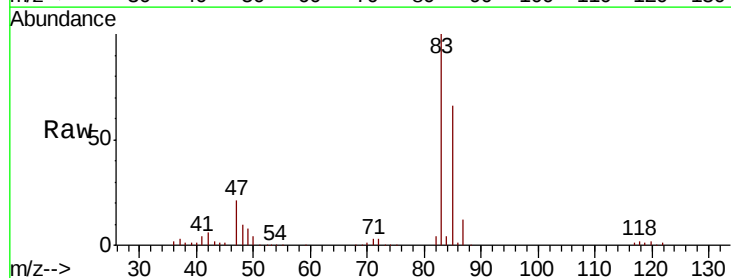
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

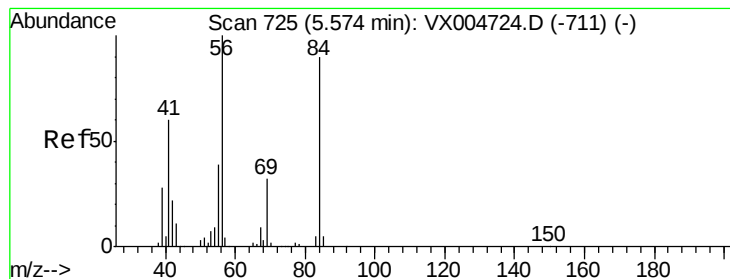
Tot Ion: 42 Resp: 189241
Ion Ratio Lower Upper
42 100
72 40.4 33.7 50.5
71 38.8 32.2 48.4



#30
Chloroform
Concen: 19.541 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 83 Resp: 100920
Ion Ratio Lower Upper
83 100
85 66.3 52.4 78.6





#31

Cyclohexane

Concen: 20.699 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

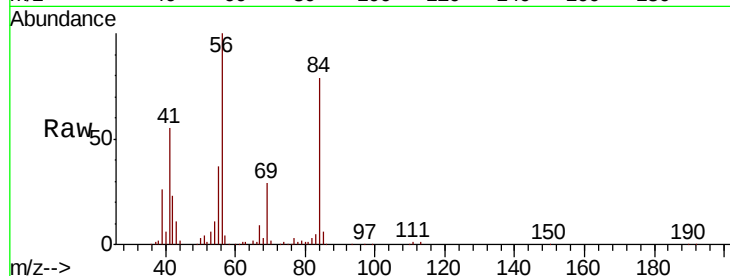
Tot Ion: 56 Resp: 86570

Ion Ratio Lower Upper

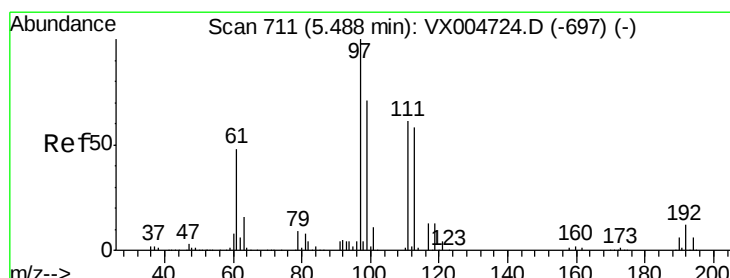
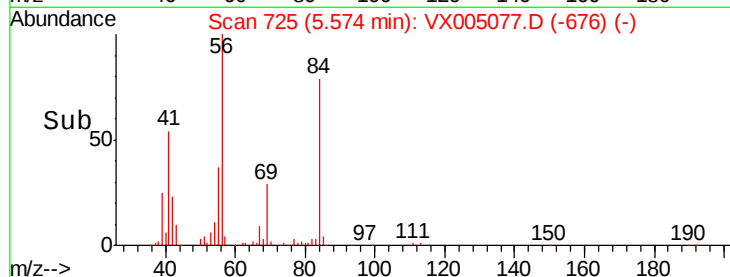
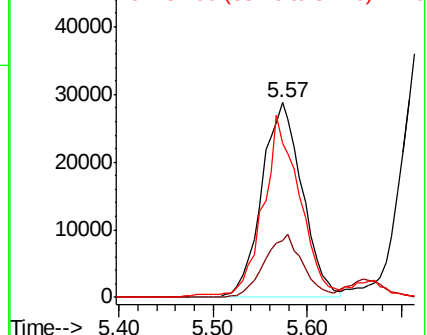
56 100

69 29.3 25.9 38.9

84 78.0 71.9 107.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.946 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

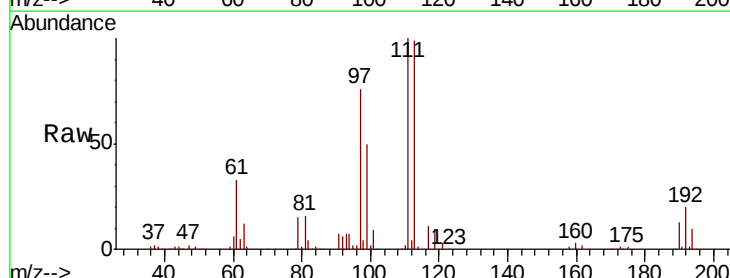
Tgt Ion: 97 Resp: 84128

Ion Ratio Lower Upper

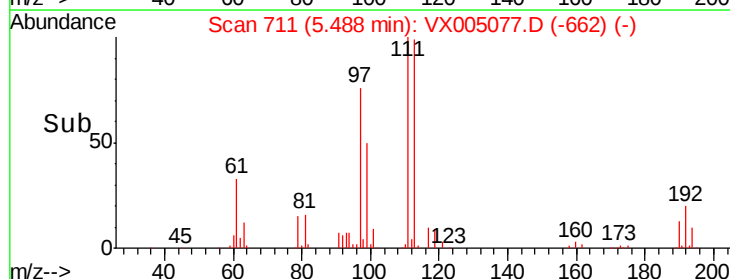
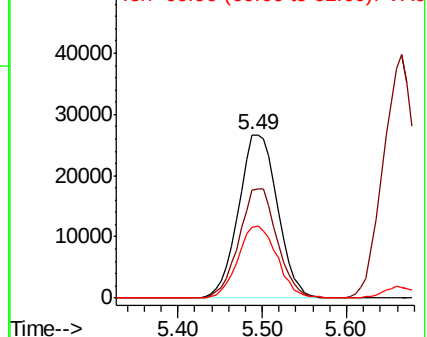
97 100

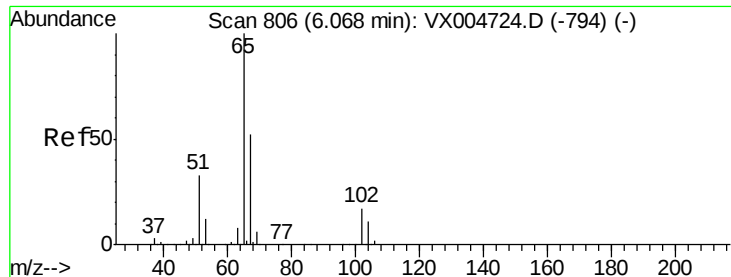
99 64.9 54.6 82.0

61 44.1 37.5 56.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.447 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

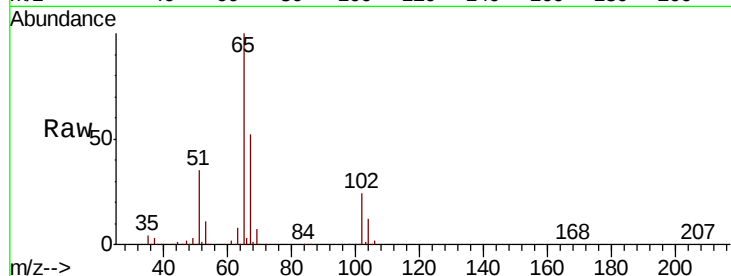
VX1005MBS01

Tot Ion: 65 Resp: 162535

Ion Ratio Lower Upper

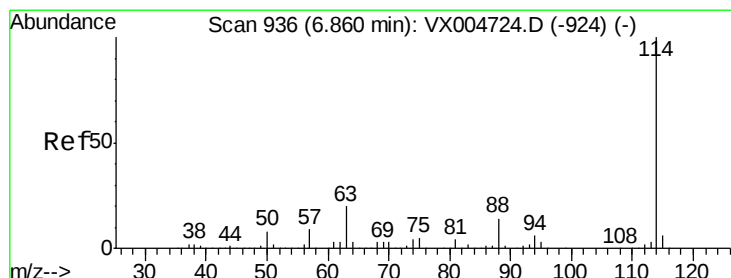
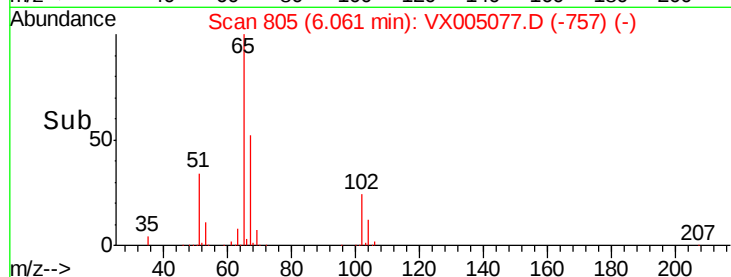
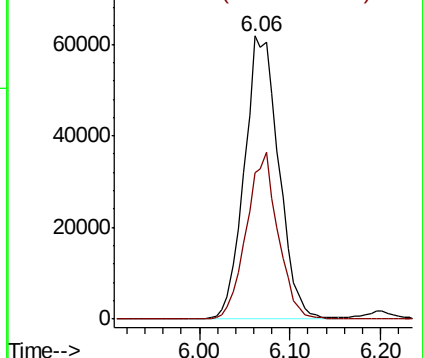
65 100

67 53.9 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: VX005077.D

Acq: 05 Oct 2018 20:11

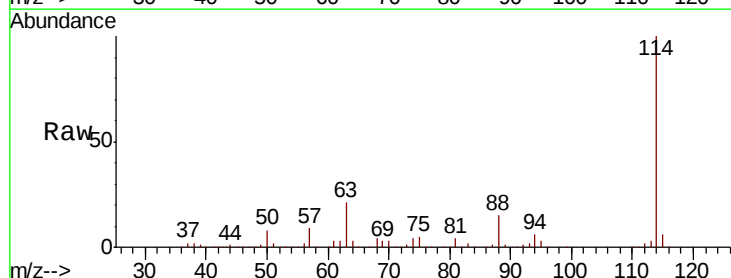
Tgt Ion: 114 Resp: 334771

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.8

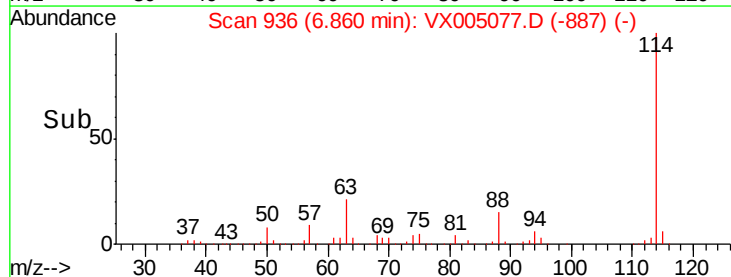
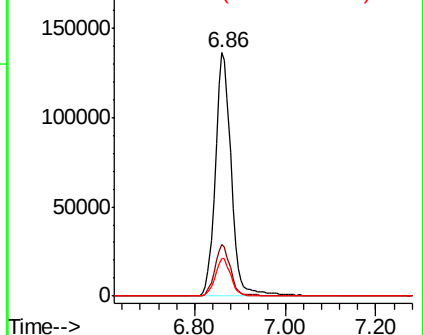
88 15.2 0.0 27.0

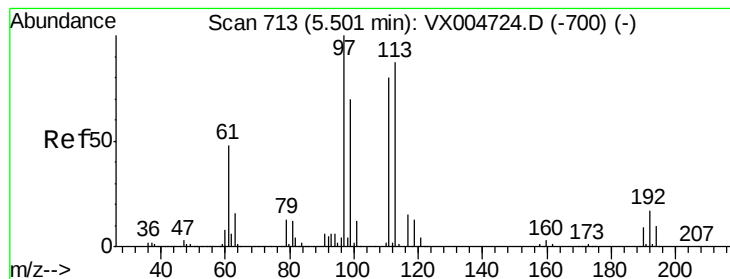


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.117 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

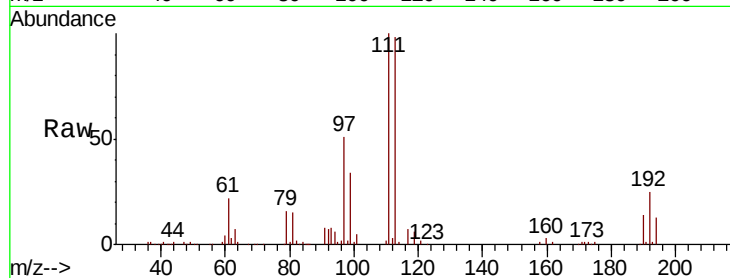
Tot Ion:113 Resp: 130844

Ion Ratio Lower Upper

113 100

111 103.3 77.0 115.4

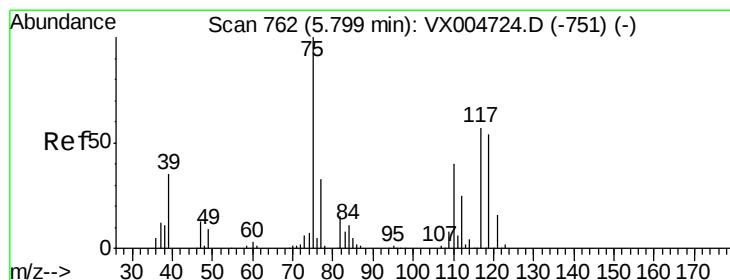
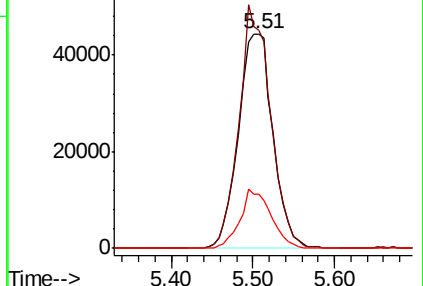
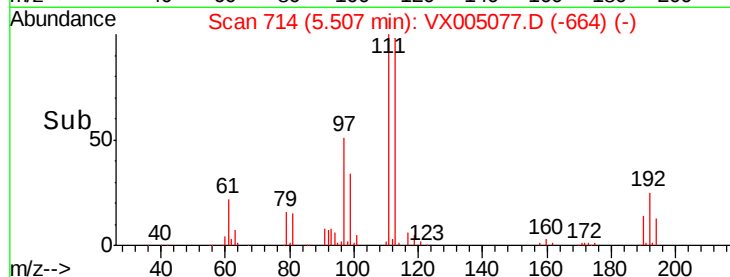
192 24.5 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.148 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

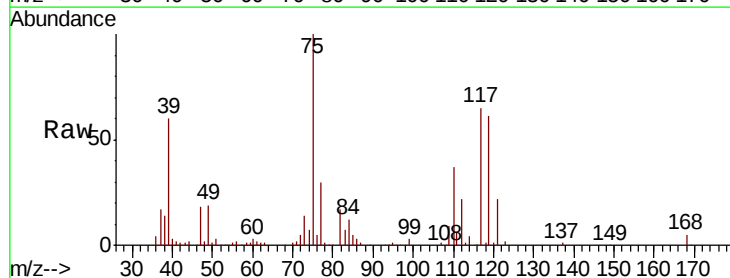
Tgt Ion: 75 Resp: 74123

Ion Ratio Lower Upper

75 100

110 36.2 20.0 59.9

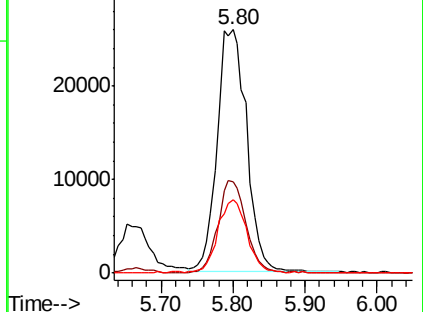
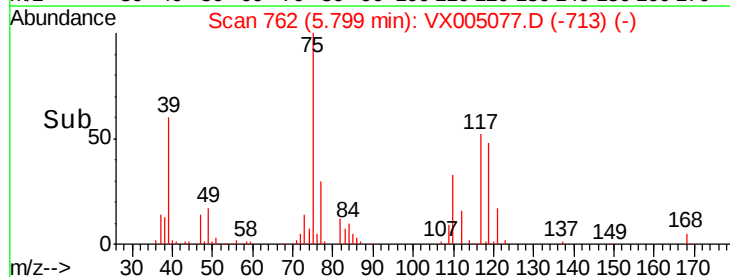
77 29.3 27.1 40.7

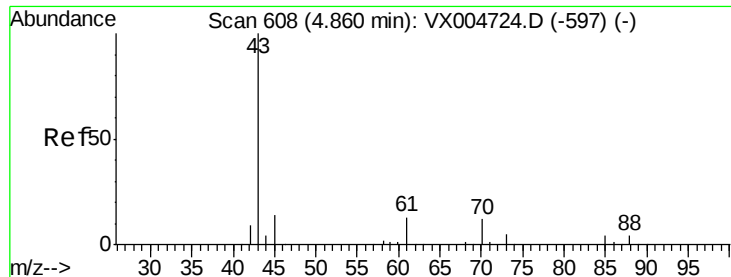


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.073 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

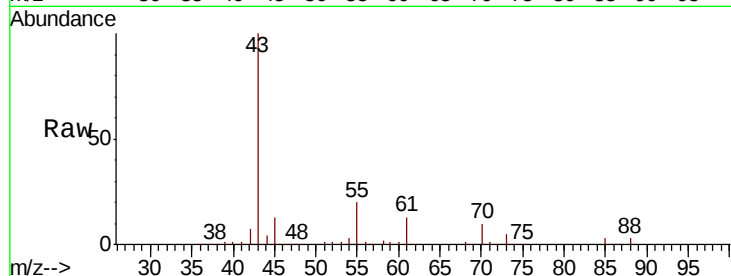
Tot Ion: 43 Resp: 103143

Ion Ratio Lower Upper

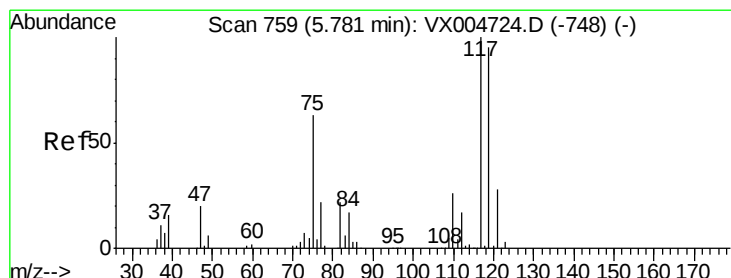
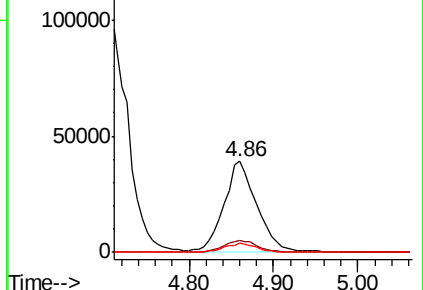
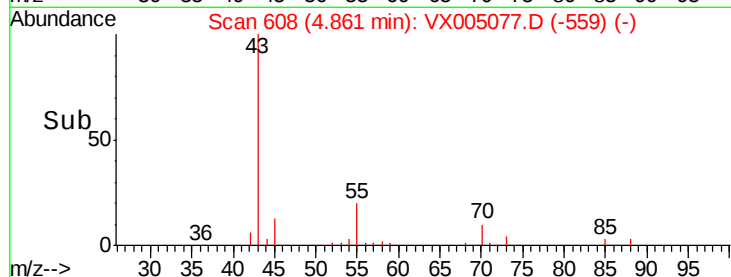
43 100

61 13.9 10.4 15.6

70 10.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX005077.D (-559) (-)



#38

Carbon Tetrachloride

Concen: 18.628 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

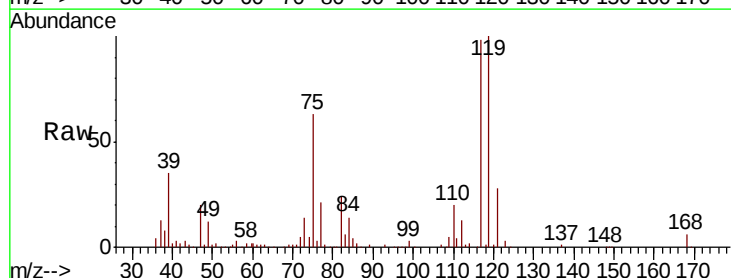
Tgt Ion: 117 Resp: 75799

Ion Ratio Lower Upper

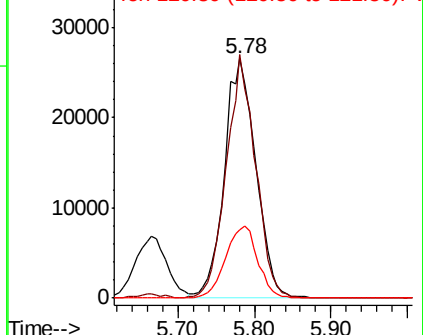
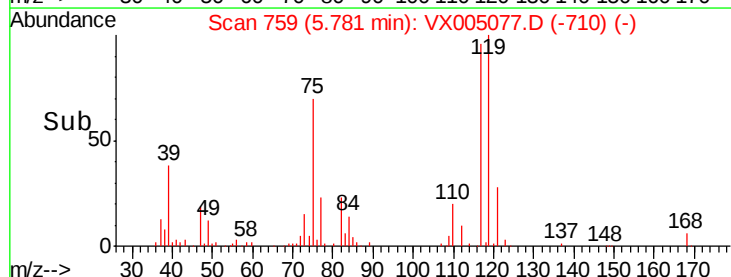
117 100

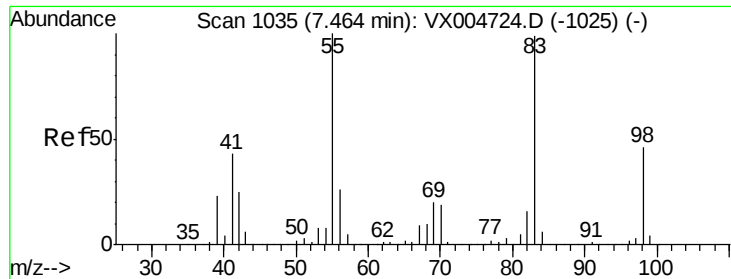
119 101.6 75.2 112.8

121 28.2 22.5 33.7



Abundance Ion 116.80 (116.50 to 117.50): VX005077.D (-710) (-)

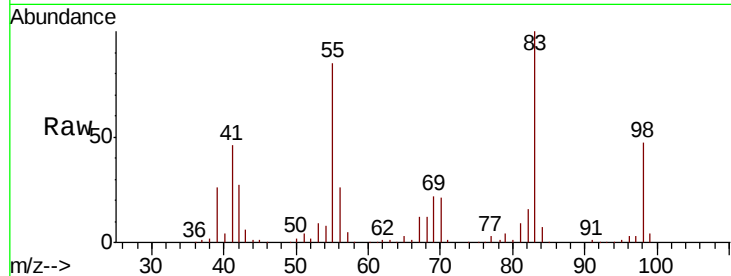




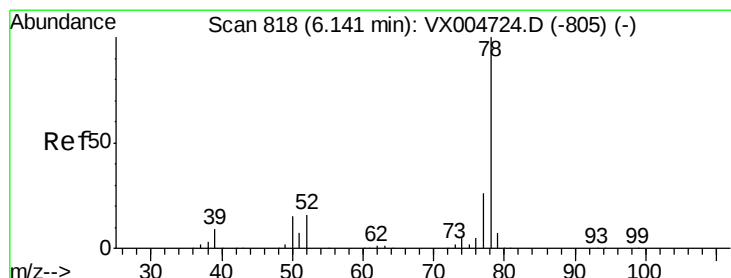
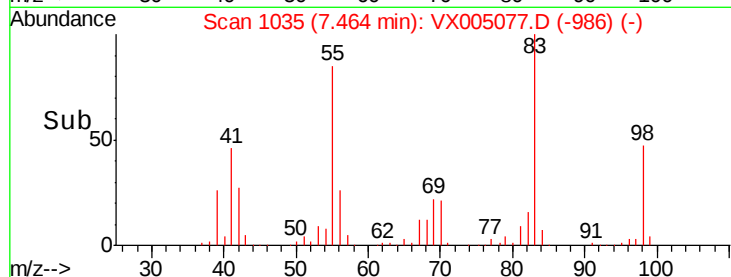
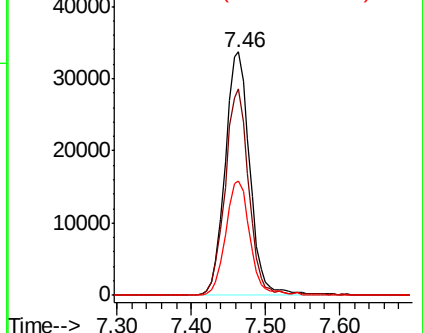
#39
Methylvlcvclohexane
Concen: 19.777 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion: 83 Resp: 78172
Ion Ratio Lower Upper
83 100
55 85.0 81.1 121.7
98 46.7 37.3 55.9

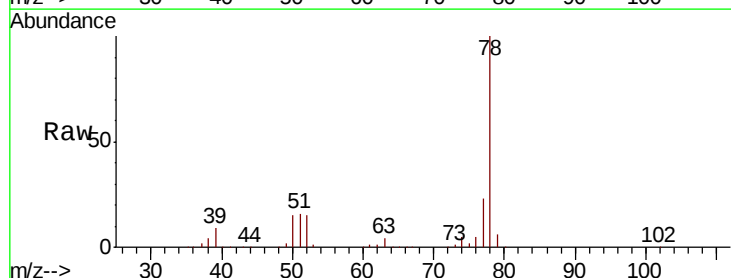


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

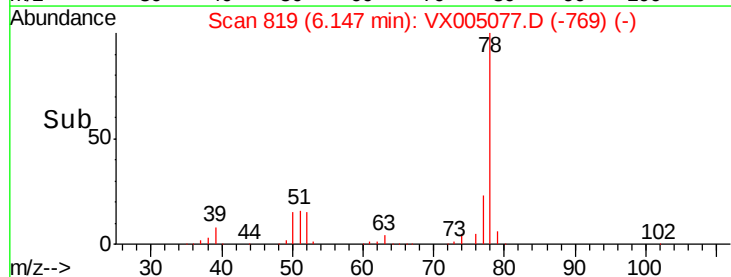
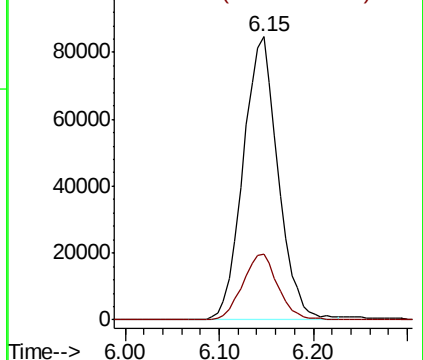


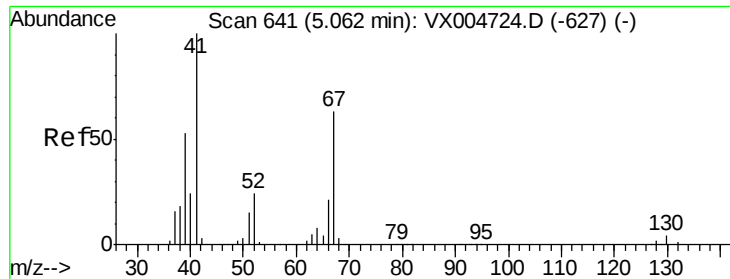
#40
Benzene
Concen: 18.196 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 78 Resp: 220517
Ion Ratio Lower Upper
78 100
77 23.3 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: 19.254 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

VX1005MBS01

Tot Ion: 41 Resp: 54867

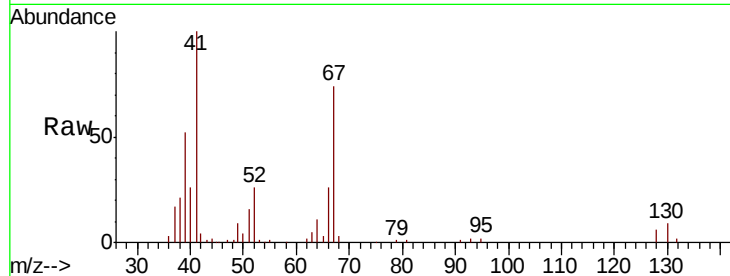
Ion Ratio Lower Upper

41 100

39 53.0 42.5 63.7

67 74.4 53.0 79.6

52 29.3 19.8 29.8

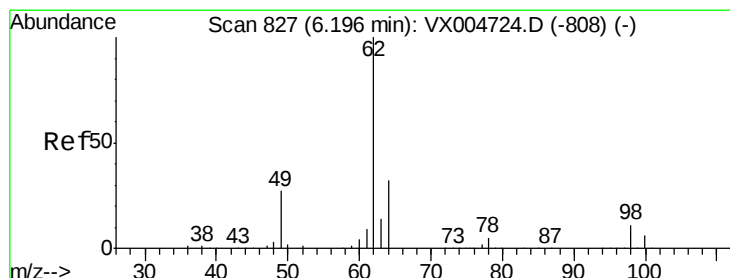
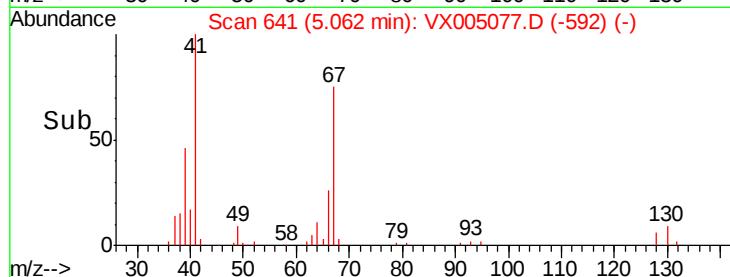
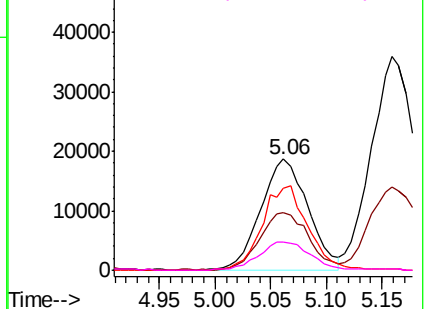


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.818 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX005077.D

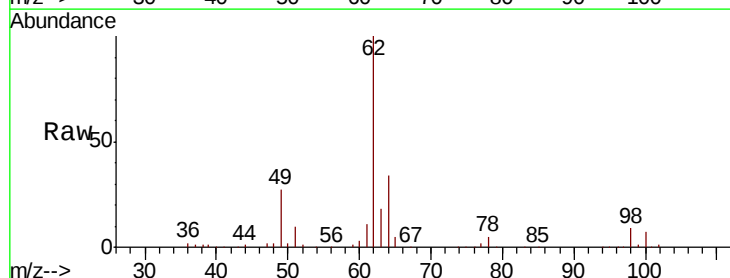
Acq: 05 Oct 2018 20:11

Tgt Ion: 62 Resp: 80618

Ion Ratio Lower Upper

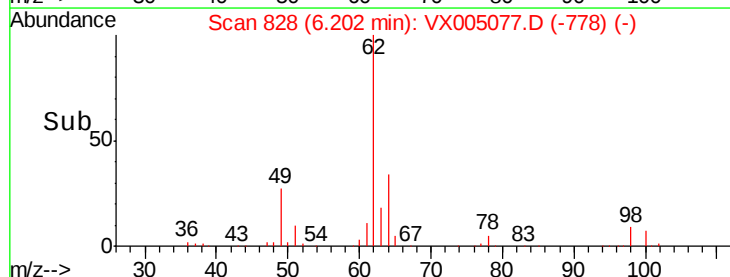
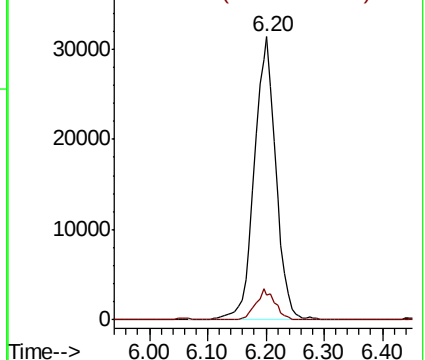
62 100

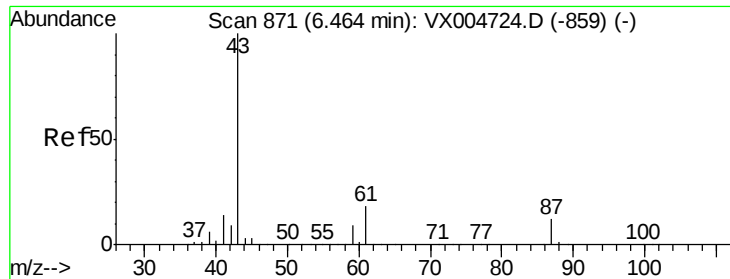
98 9.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.317 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

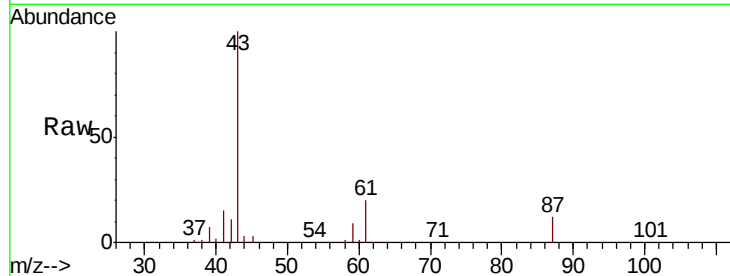
Tot Ion: 43 Resp: 143268

Ion Ratio Lower Upper

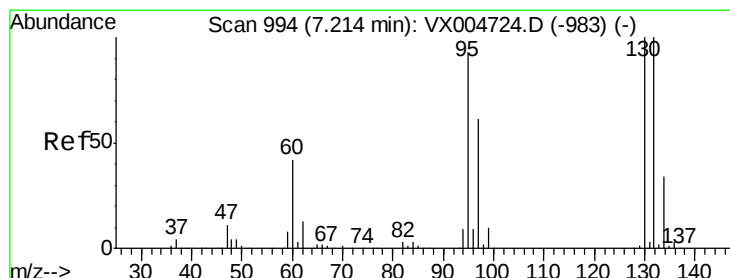
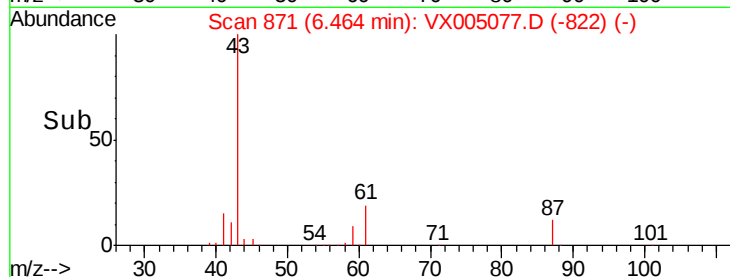
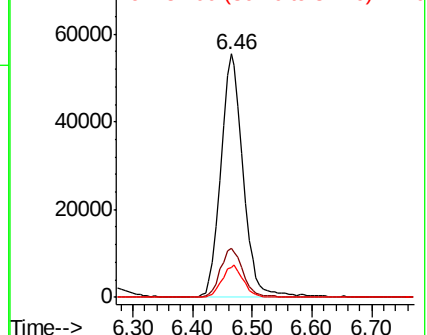
43 100

61 20.3 14.2 21.4

87 12.9 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: 19.635 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005077.D

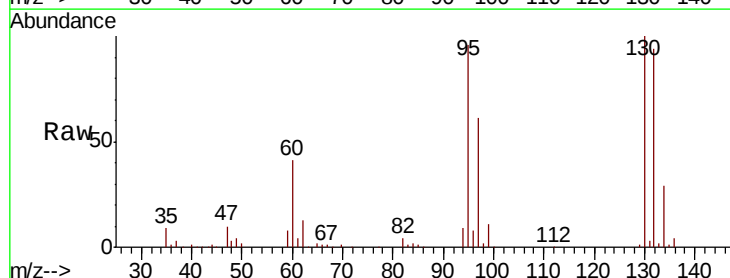
Acq: 05 Oct 2018 20:11

Tgt Ion:130 Resp: 58498

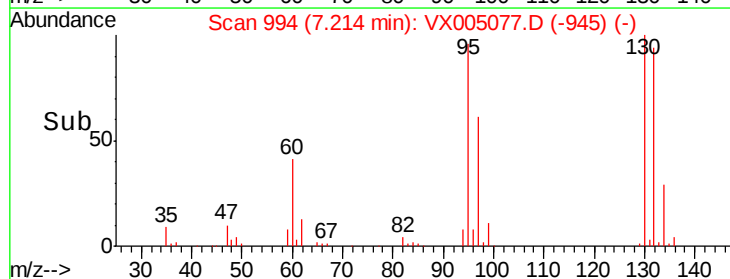
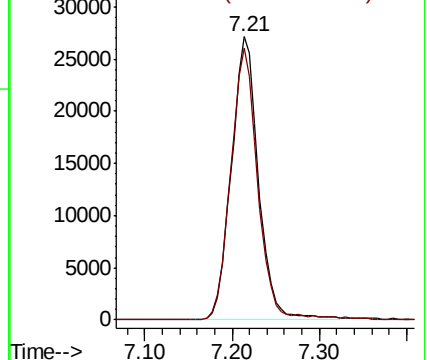
Ion Ratio Lower Upper

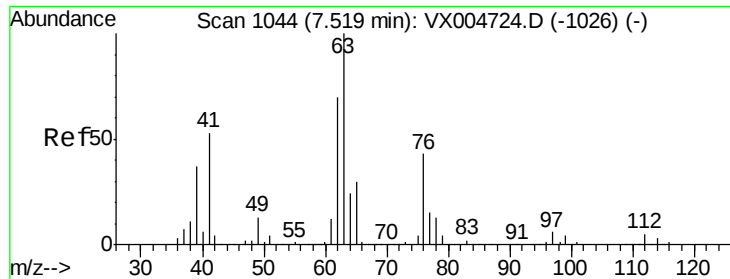
130 100

95 96.1 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: 20.361 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

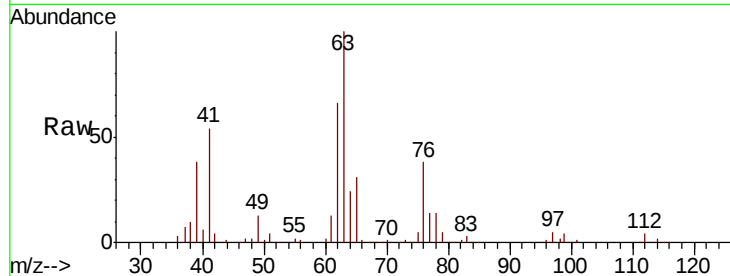
VX1005MBS01

Tot Ion: 63 Resp: 60513

Ion Ratio Lower Upper

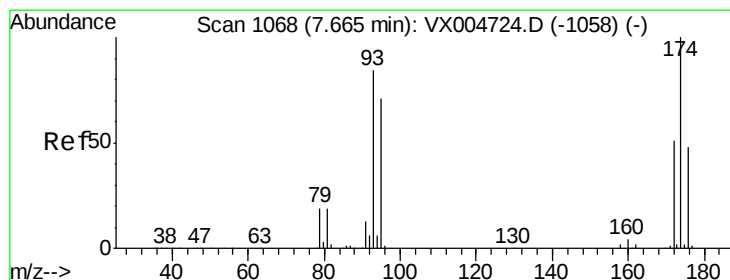
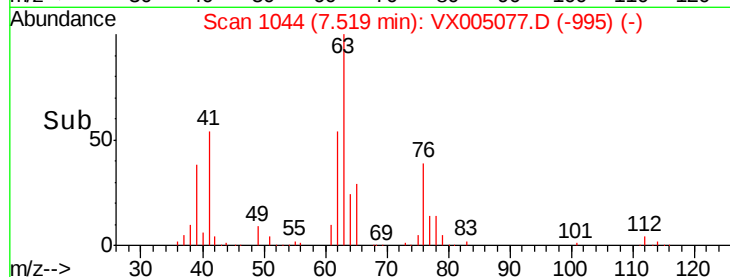
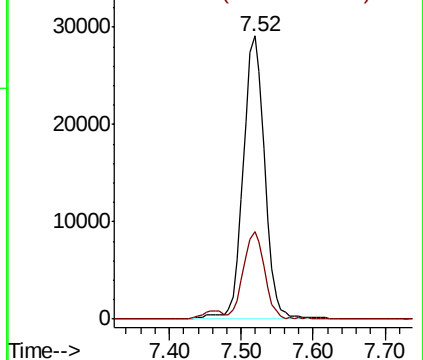
63 100

65 30.9 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.049 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

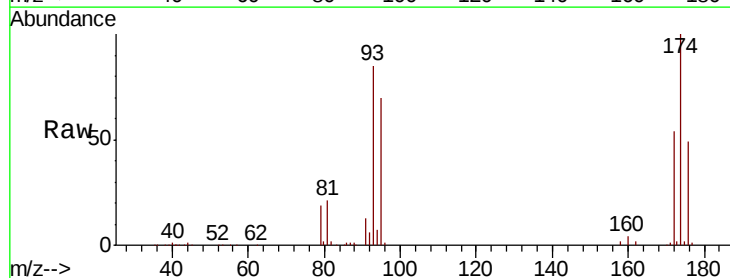
Tgt Ion: 93 Resp: 37446

Ion Ratio Lower Upper

93 100

95 84.0 66.7 100.1

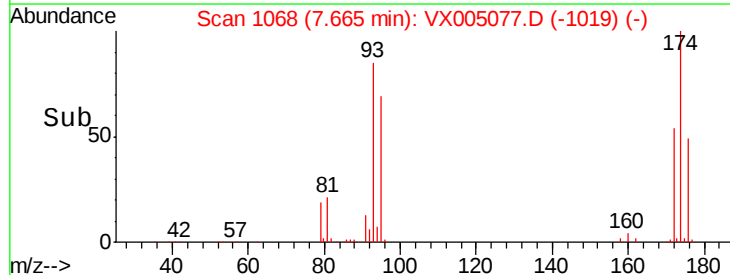
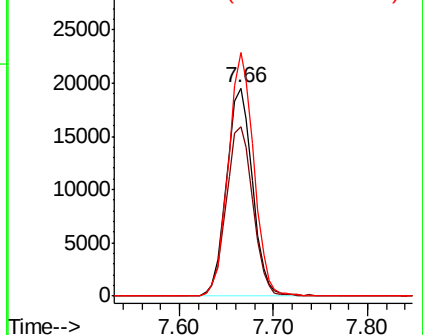
174 114.3 92.7 139.1

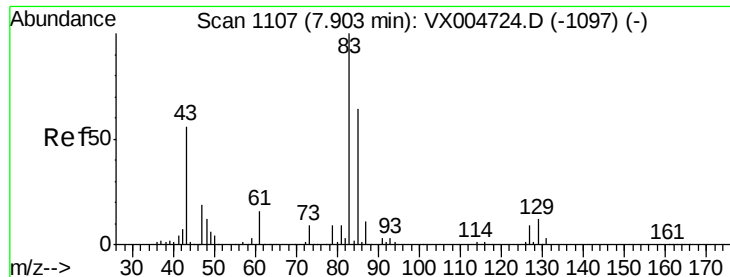


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.313 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

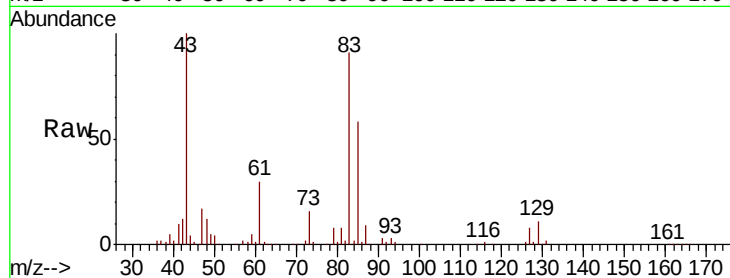
Tot Ion: 83 Resp: 71035

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8

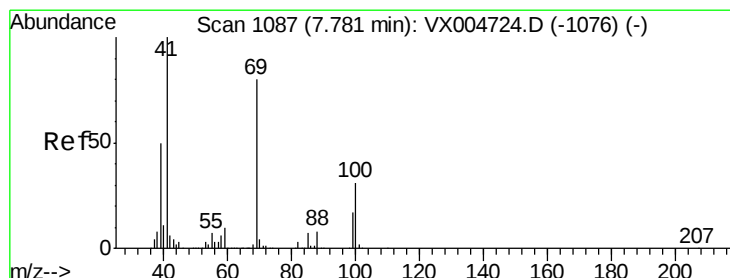
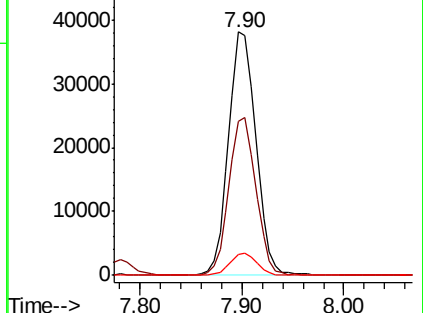
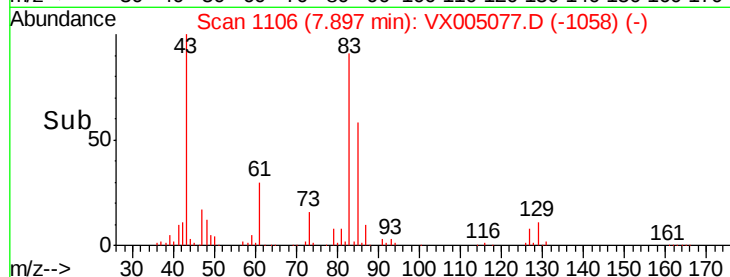
127 8.5 7.0 10.6



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: 21.729 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

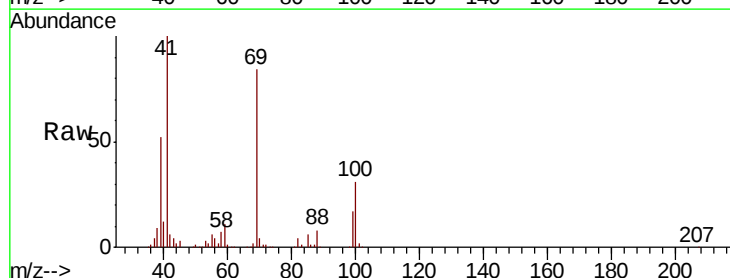
Tgt Ion: 41 Resp: 73145

Ion Ratio Lower Upper

41 100

69 81.5 63.8 95.6

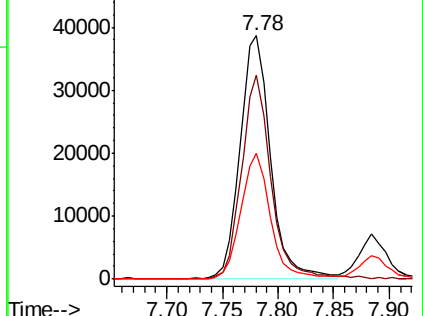
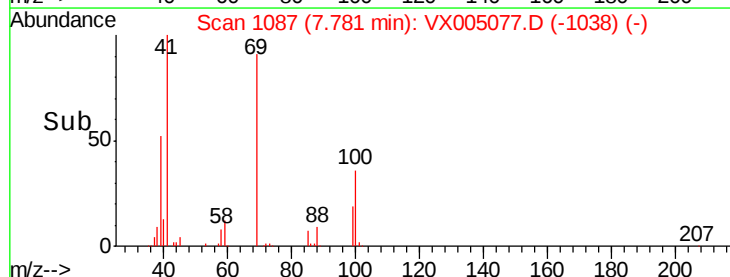
39 50.3 40.7 61.1

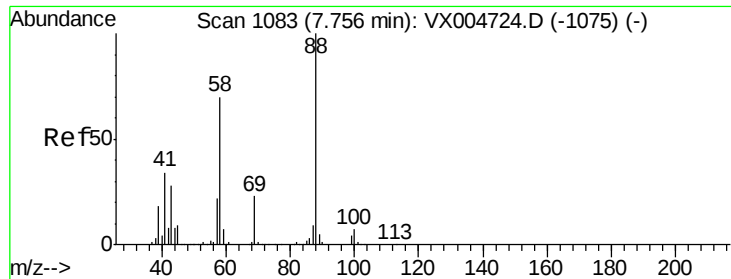


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

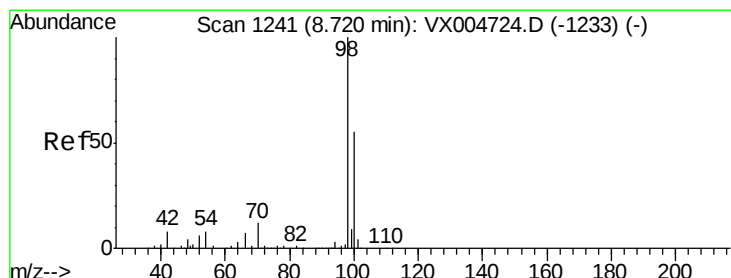
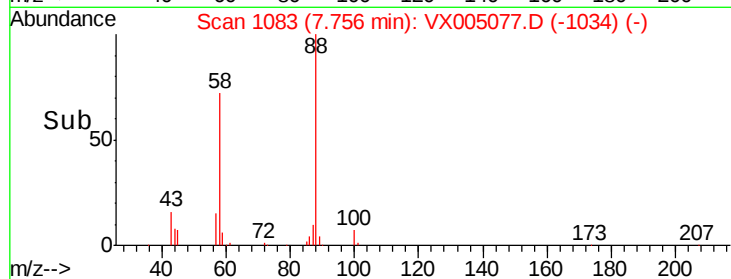
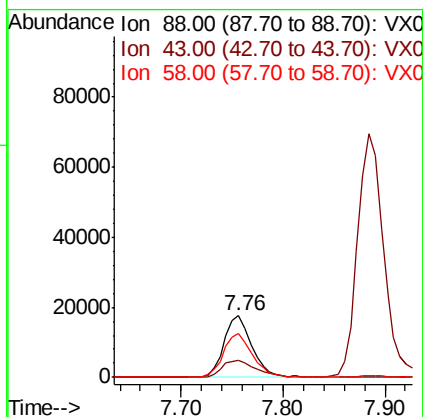
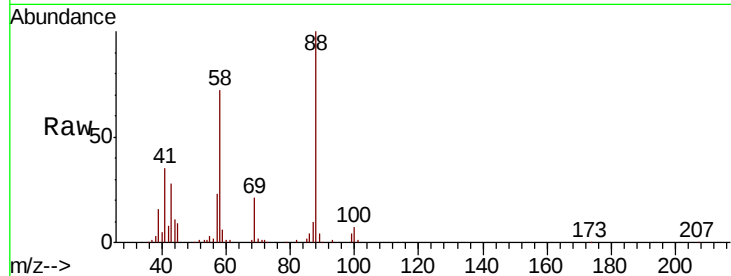




#49
 1,4-Dioxane
 Concen: 397.545 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

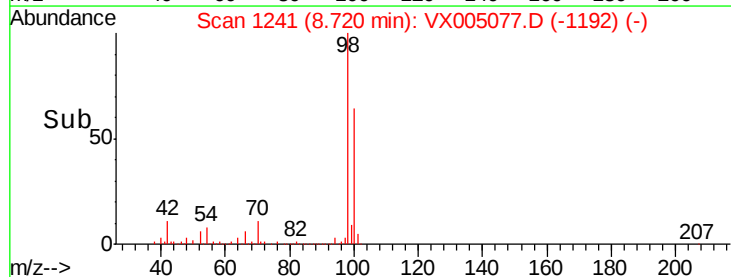
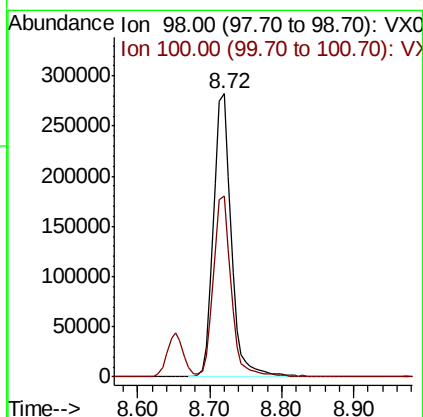
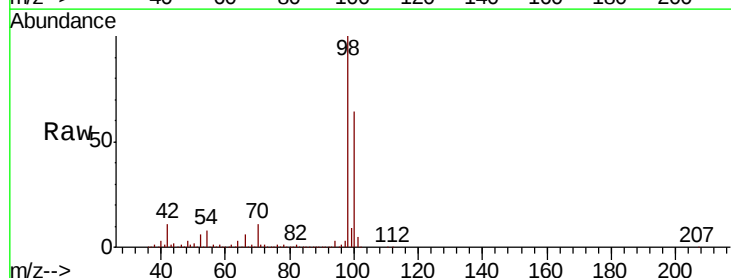
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

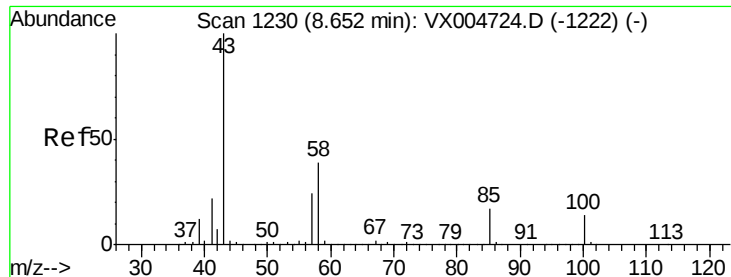
Tot Ion: 88 Resp: 33247
 Ion Ratio Lower Upper
 88 100
 43 33.5 25.1 37.7
 58 74.7 56.2 84.2



#50
 Toluene-d8
 Concen: 51.067 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Tgt Ion: 98 Resp: 481685
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.9 77.9

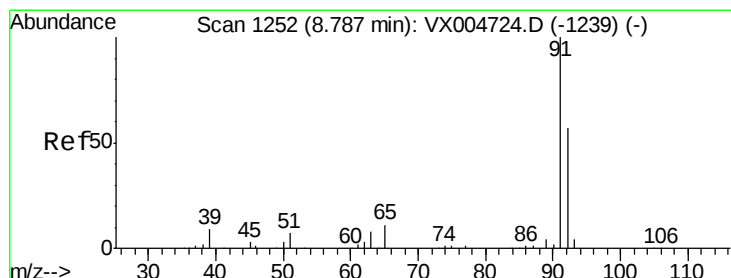
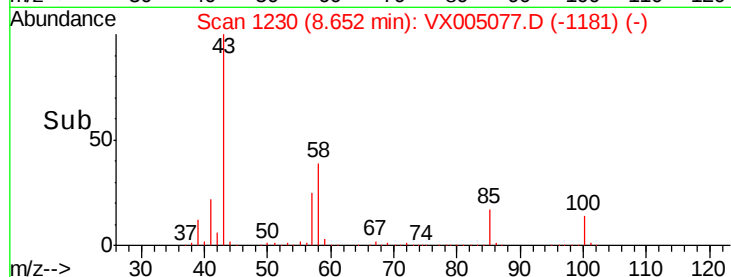
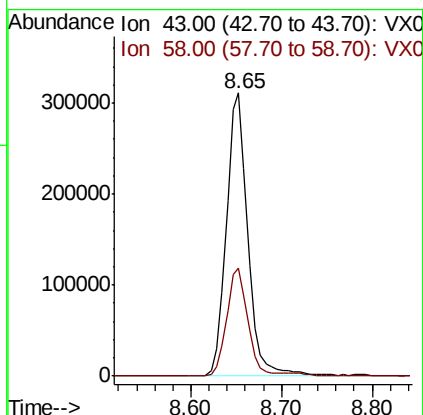
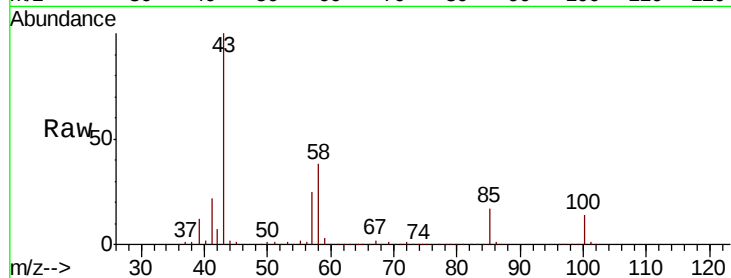




#51
4-Methyl-2-Pentanone
Concen: 110.867 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

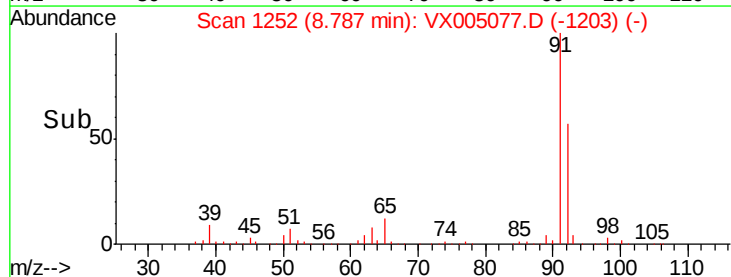
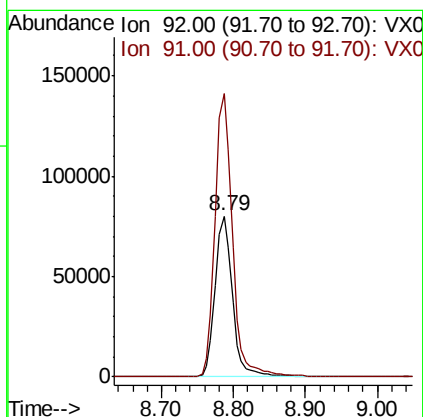
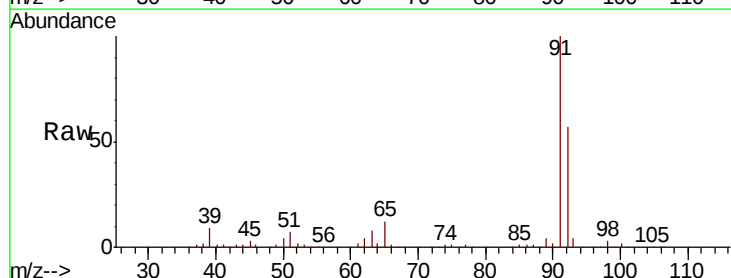
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

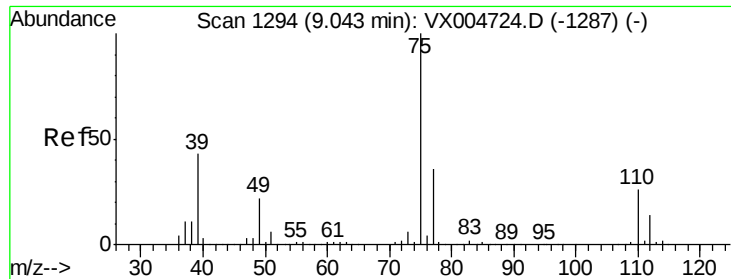
Tot Ion: 43 Resp: 517723
Ion Ratio Lower Upper
43 100
58 37.7 30.5 45.7



#52
Toluene
Concen: 20.210 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 92 Resp: 134580
Ion Ratio Lower Upper
92 100
91 176.6 136.7 205.1

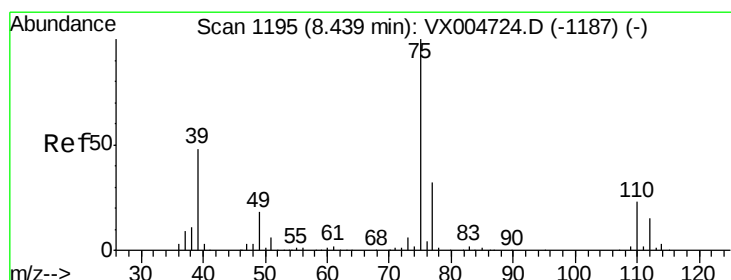
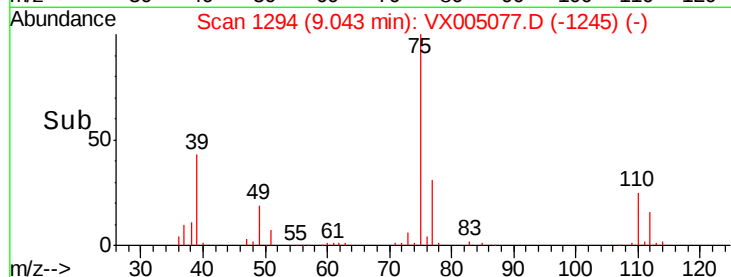
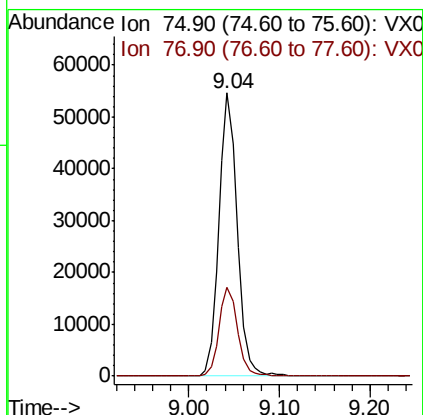
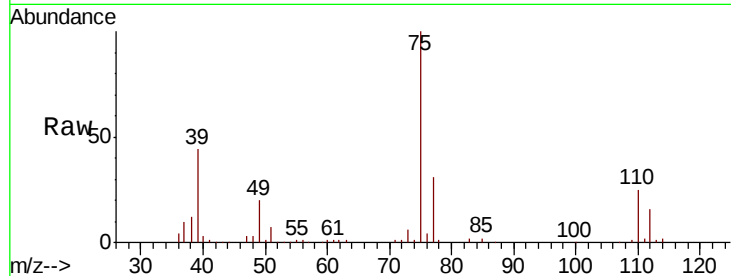




#53
t-1,3-Dichloropropene
Concen: 19.552 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

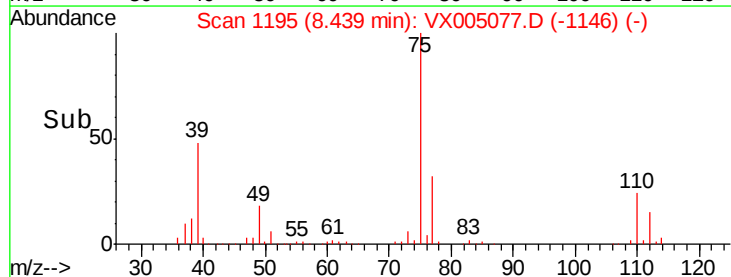
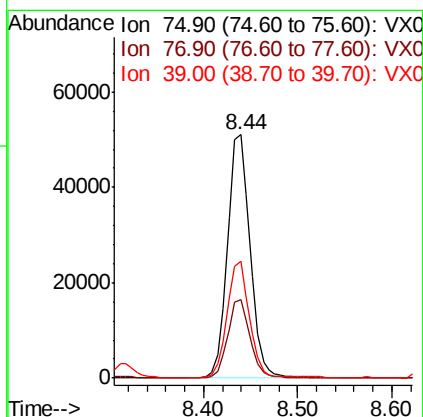
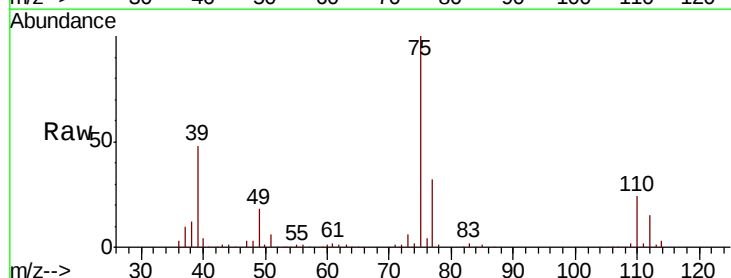
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

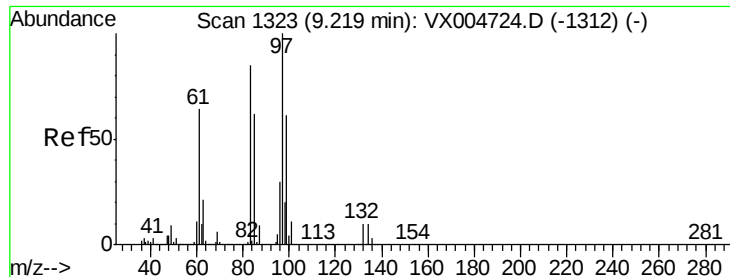
Tot Ion: 75 Resp: 77263
Ion Ratio Lower Upper
75 100
77 31.4 28.9 43.3



#54
cis-1,3-Dichloropropene
Concen: 20.513 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 75 Resp: 84907
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
39 47.9 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 19.835 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tot Ion: 97 Resp: 57858

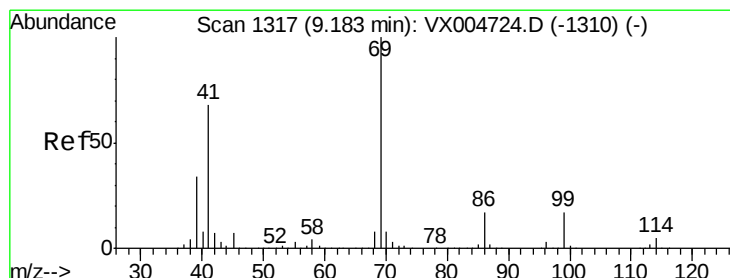
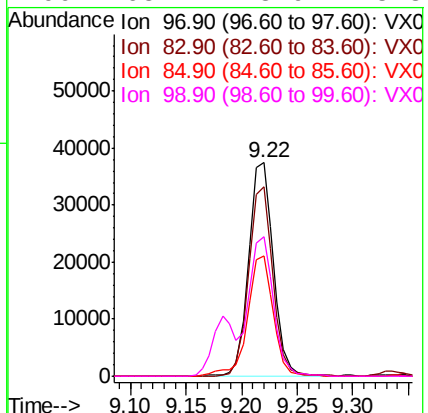
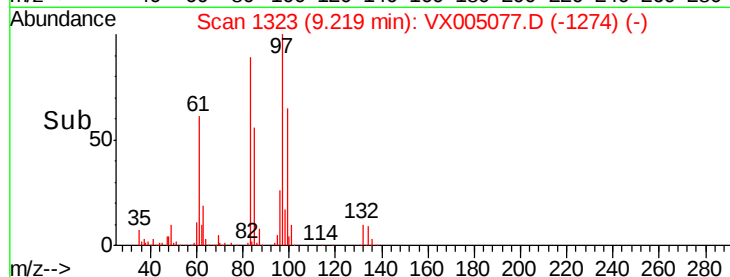
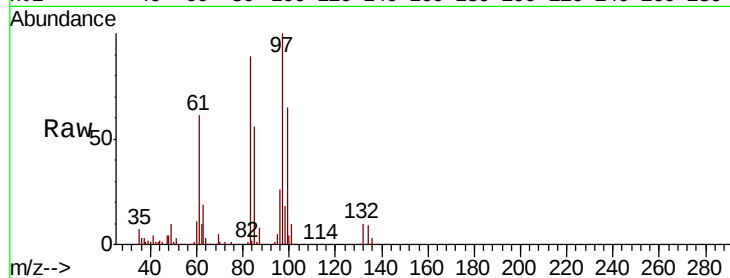
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.2	102.2
85	56.4	49.9	74.9
99	65.2	48.9	73.3

97 100

83 88.7 68.2 102.2

85 56.4 49.9 74.9

99 65.2 48.9 73.3



#56

Ethyl methacrylate

Concen: 20.227 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

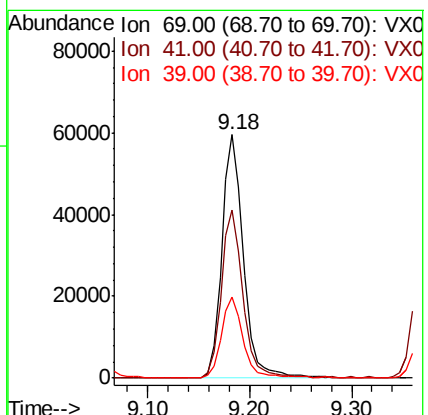
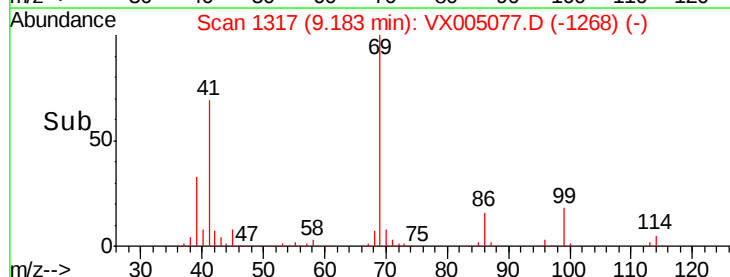
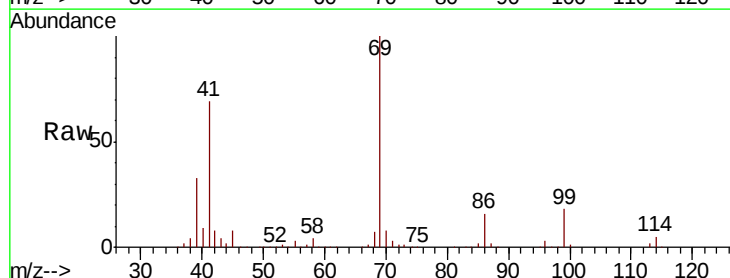
Tgt Ion: 69 Resp: 87185

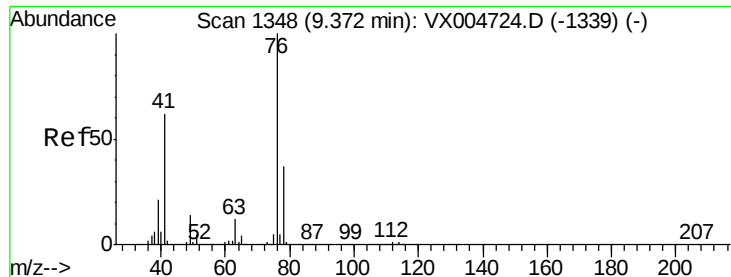
Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.9	85.3
39	33.8	28.4	42.6

69 100

41 69.4 56.9 85.3

39 33.8 28.4 42.6

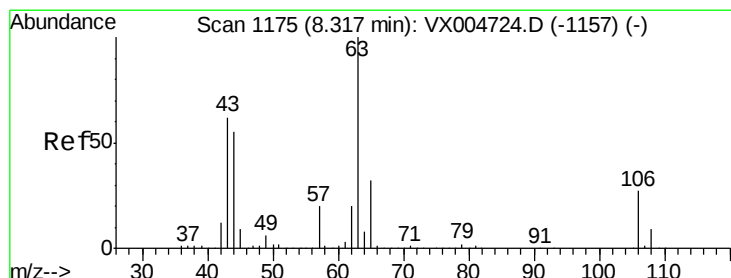
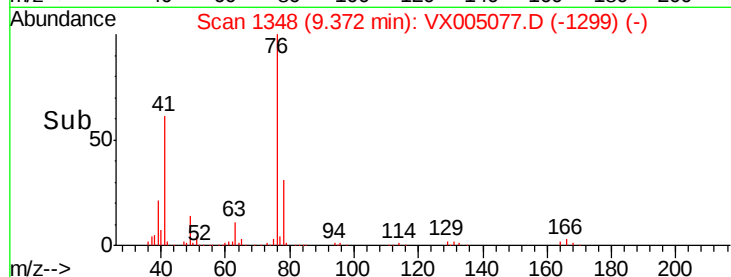
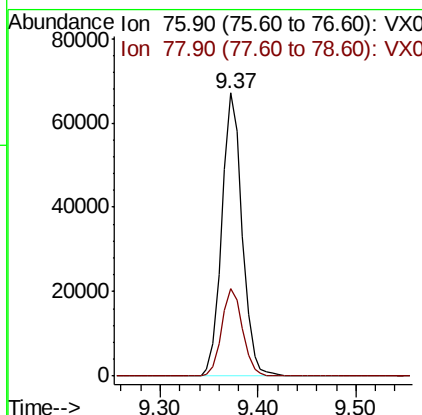
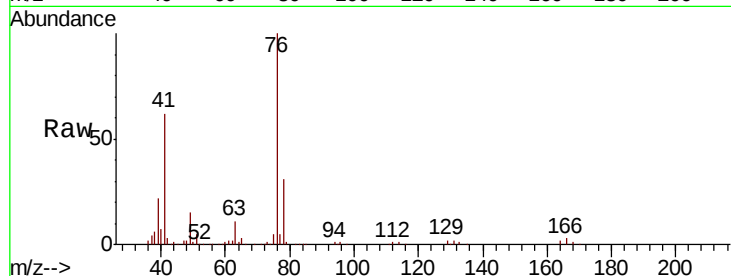




#57
 1,3-Dichloropropane
 Concen: 19.956 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

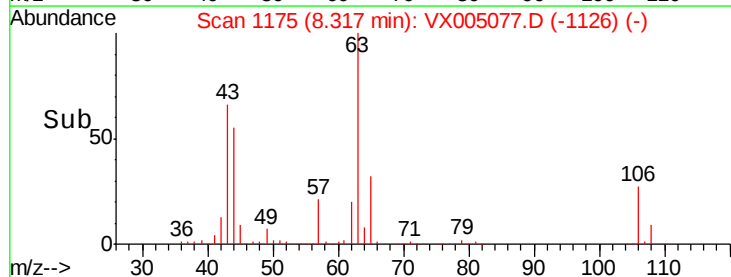
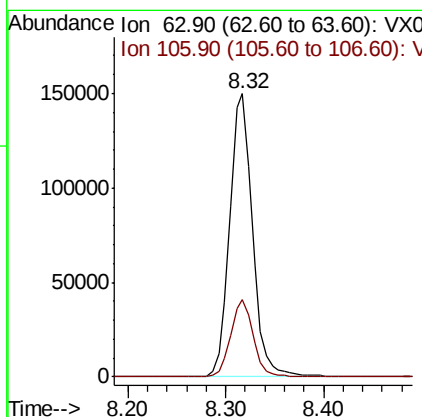
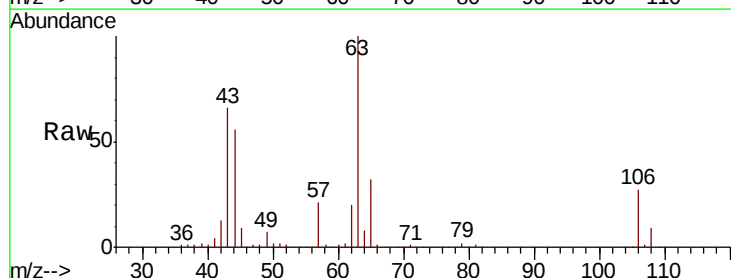
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

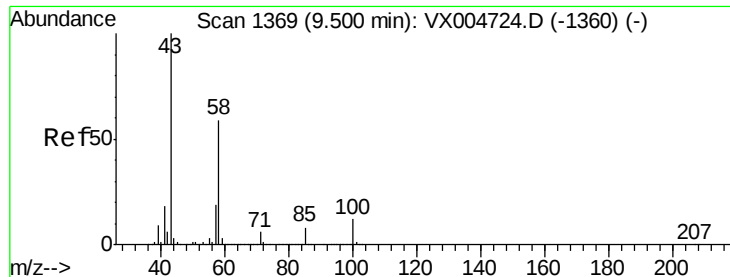
Tot Ion: 76 Resp: 96881
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.551 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Tgt Ion: 63 Resp: 243357
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.0 31.6

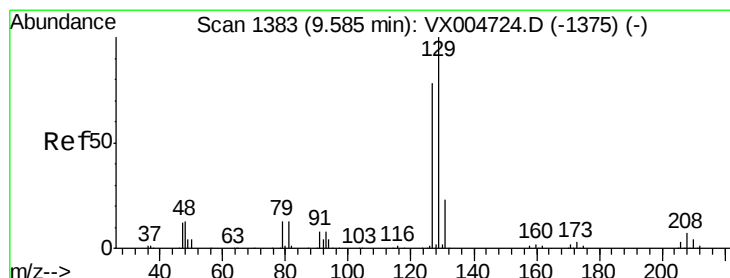
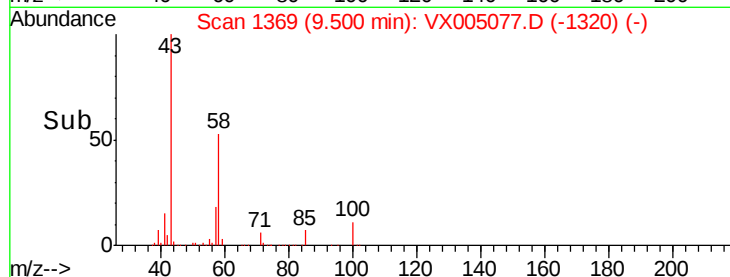
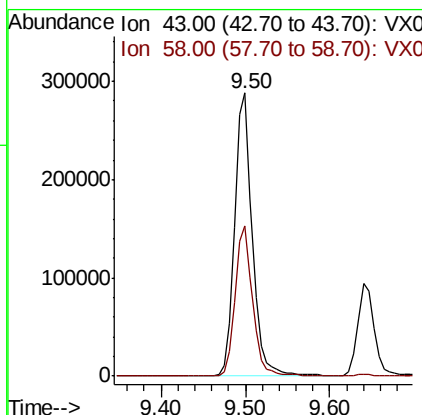
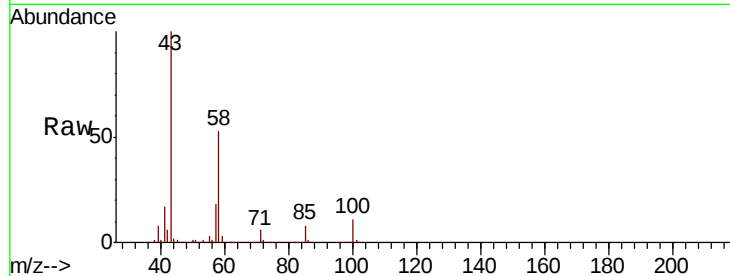




#59
2-Hexanone
Concen: 104.796 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

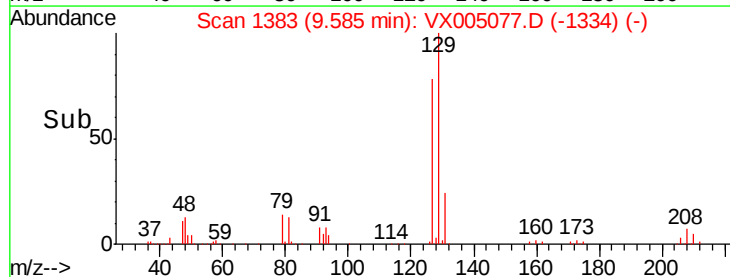
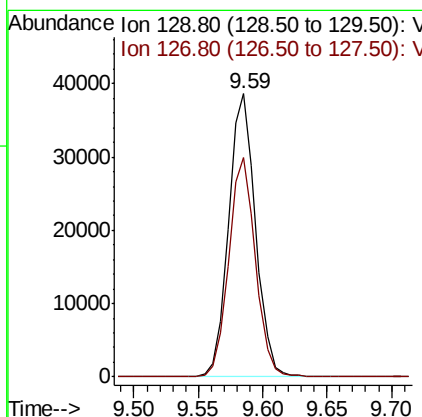
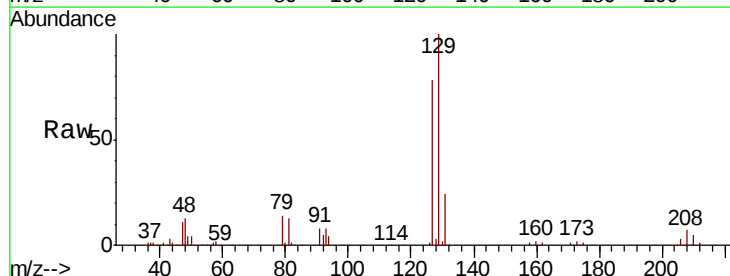
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

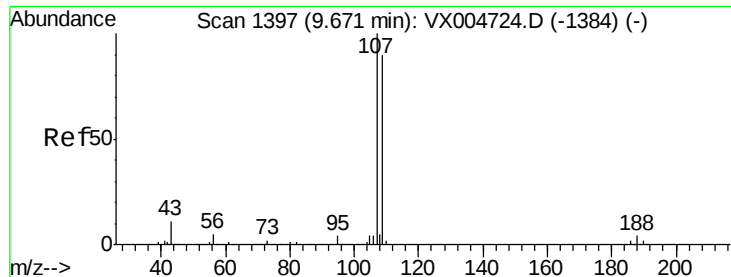
Tot Ion: 43 Resp: 407807
Ion Ratio Lower Upper
43 100
58 52.6 28.4 85.3



#60
Dibromochloromethane
Concen: 19.372 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 129 Resp: 56511
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.958 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

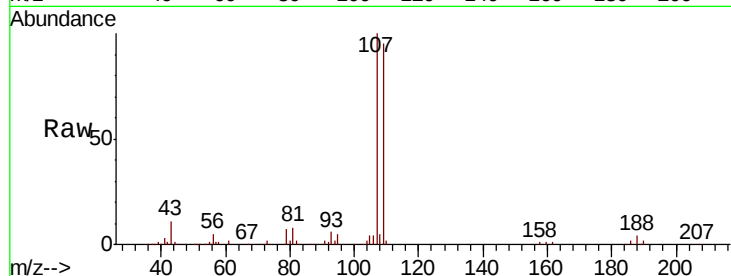
VX1005MBS01

Tot Ion:107 Resp: 59223

Ion Ratio Lower Upper

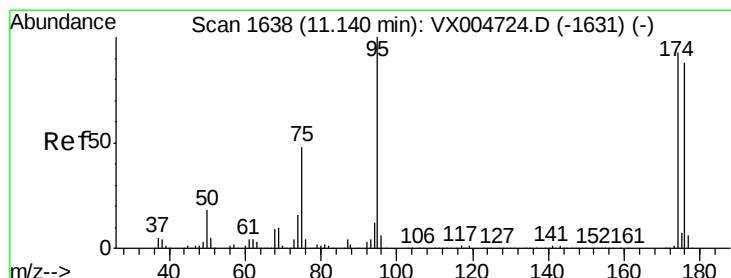
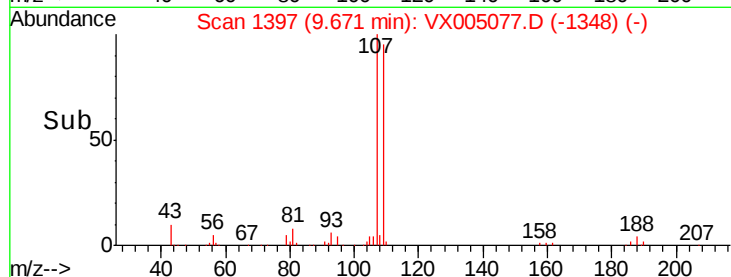
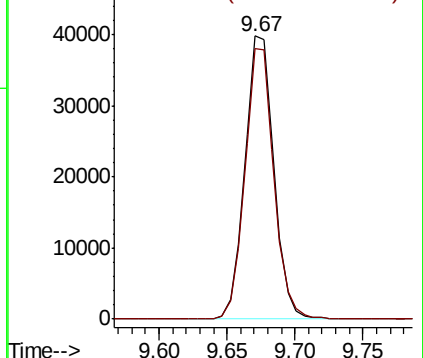
107 100

109 95.8 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: 52.311 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

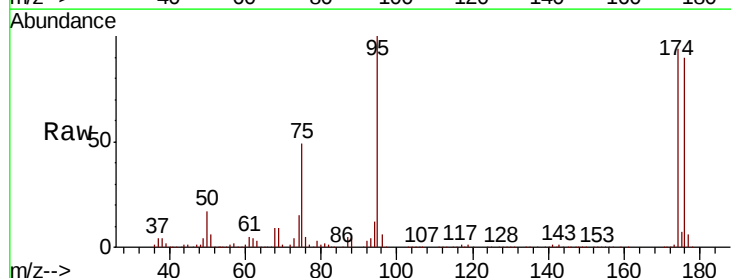
Tgt Ion: 95 Resp: 177756

Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.0

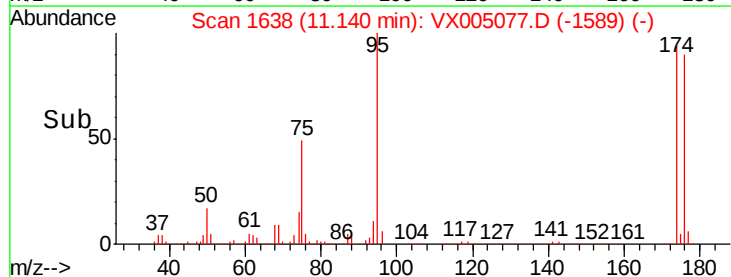
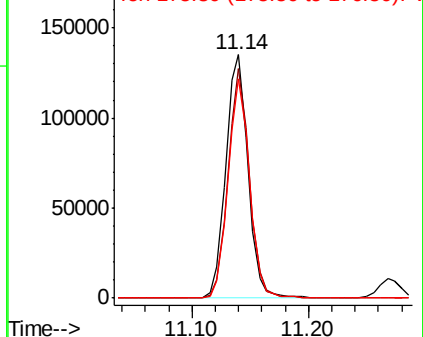
176 87.9 0.0 180.2

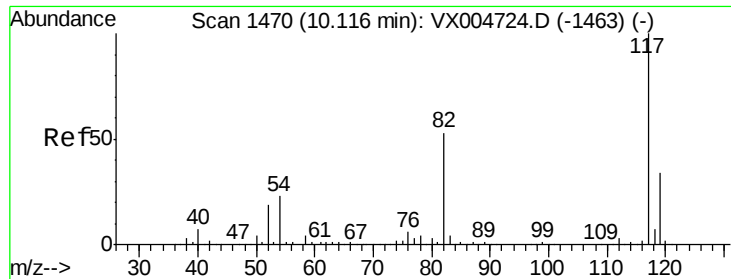


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

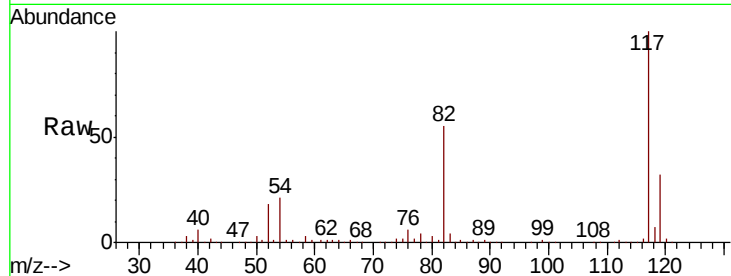




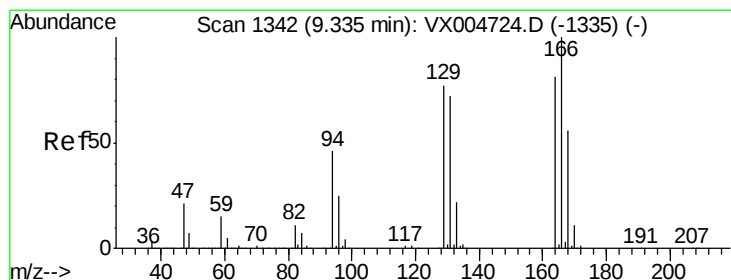
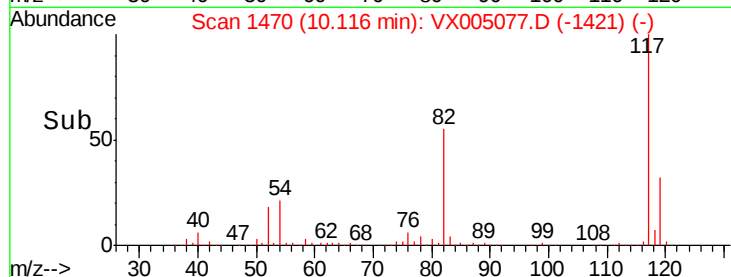
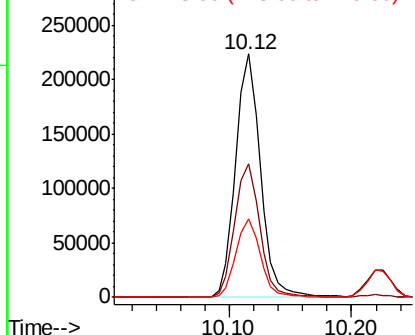
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion:117 Resp: 314556
Ion Ratio Lower Upper
117 100
82 54.7 42.2 63.4
119 32.2 27.4 41.0

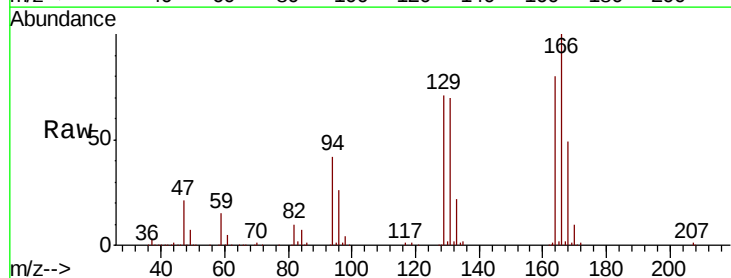


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

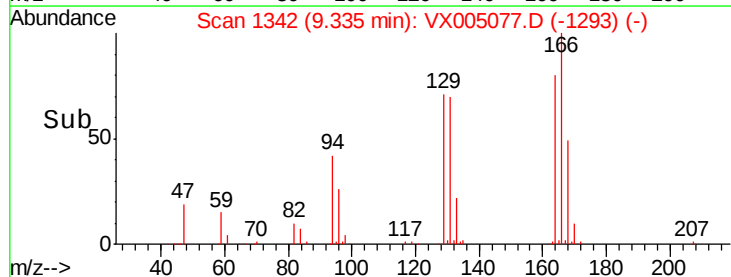
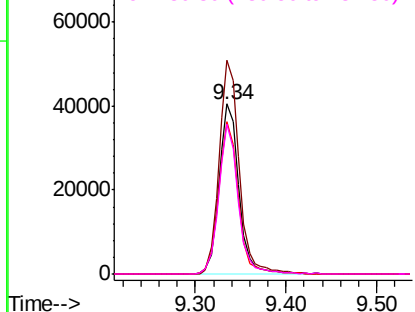


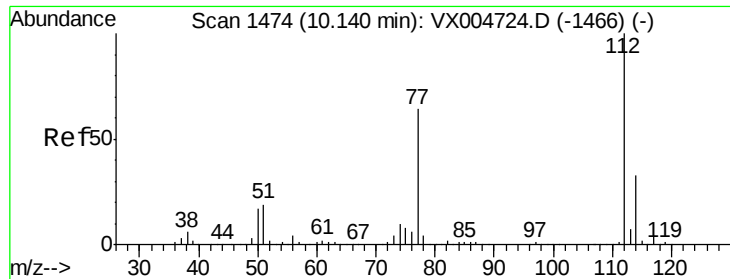
#64
Tetrachloroethene
Concen: 19.914 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion:164 Resp: 61652
Ion Ratio Lower Upper
164 100
166 125.5 98.4 147.6
129 89.3 76.1 114.1
131 87.7 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

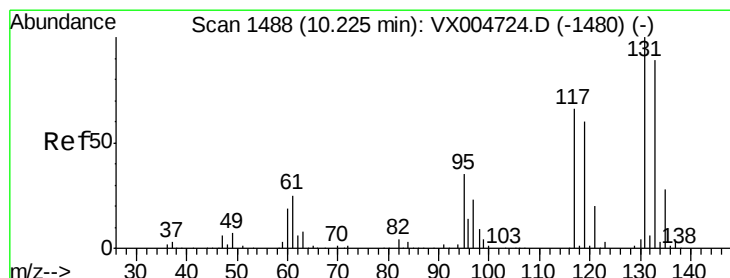
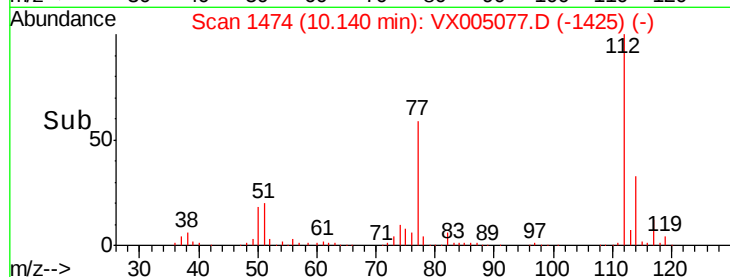
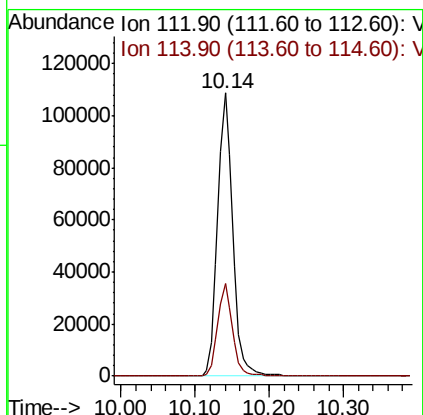
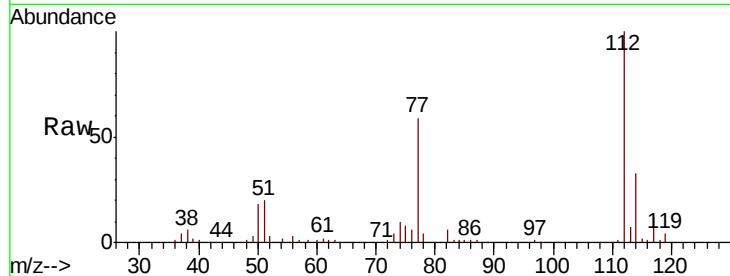




#65
Chlorobenzene
Concen: 18.933 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

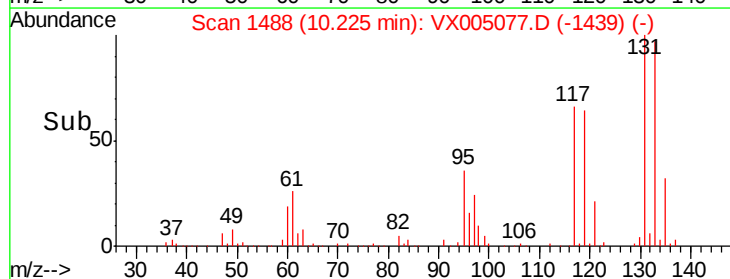
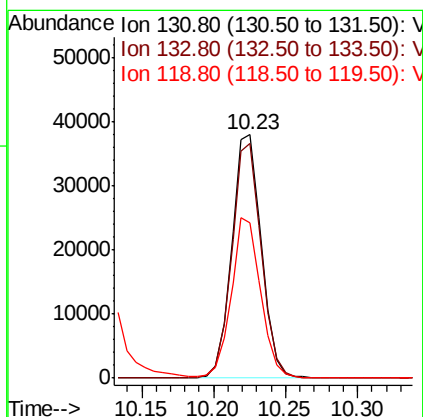
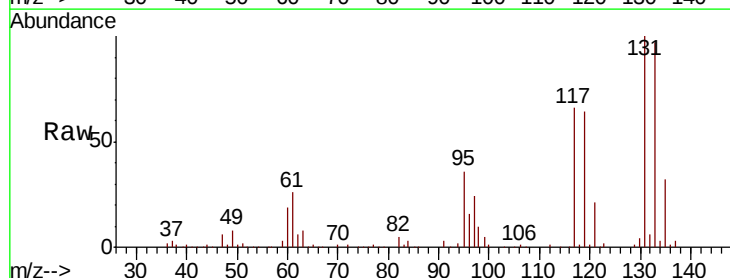
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

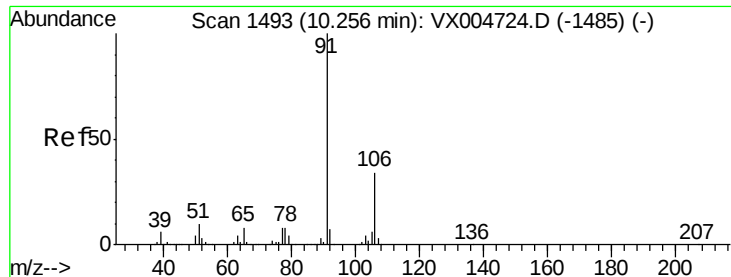
Tot Ion:112 Resp: 152716
Ion Ratio Lower Upper
112 100
114 32.8 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.156 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion:131 Resp: 54322
Ion Ratio Lower Upper
131 100
133 96.3 48.4 145.0
119 65.6 32.3 96.8

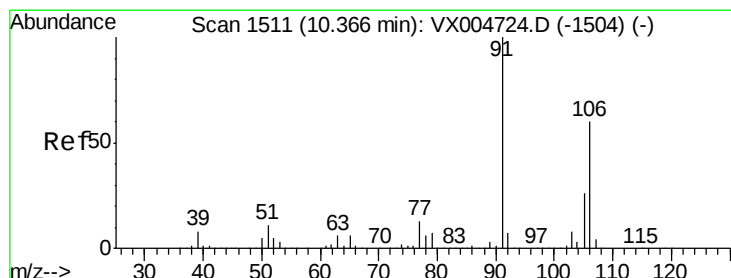
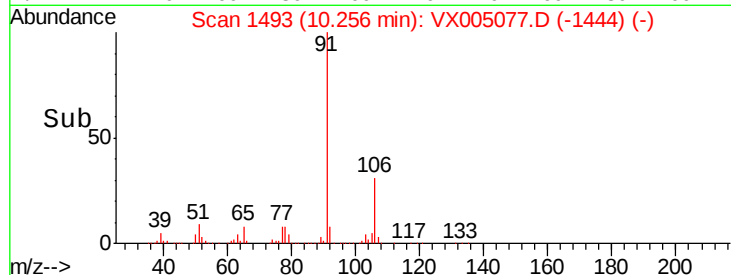
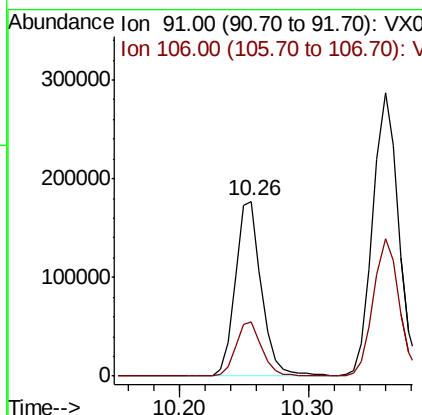
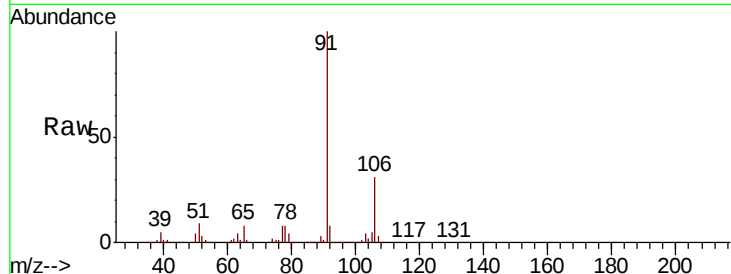




#67
Ethyl Benzene
Concen: 19.584 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

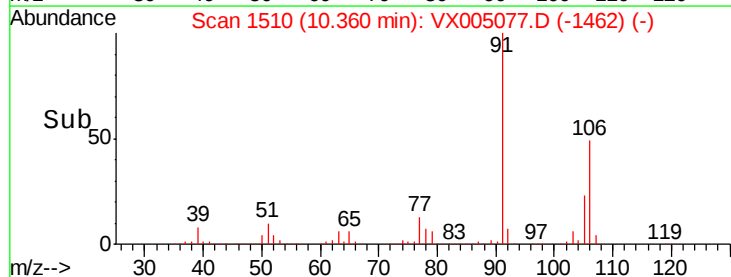
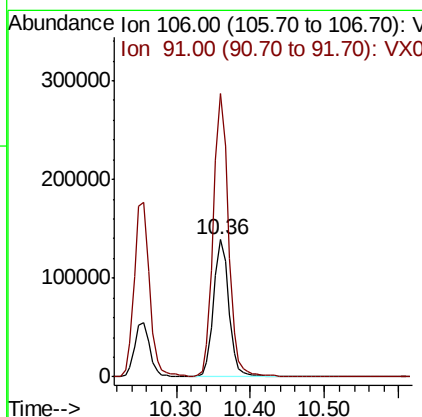
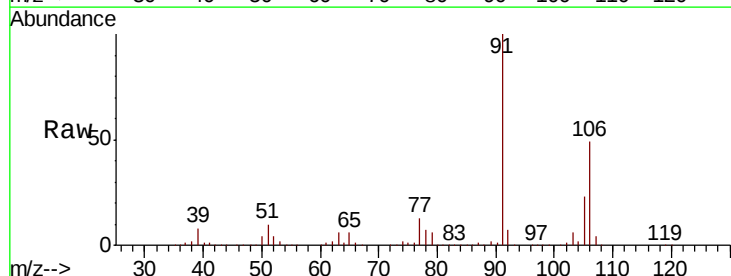
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

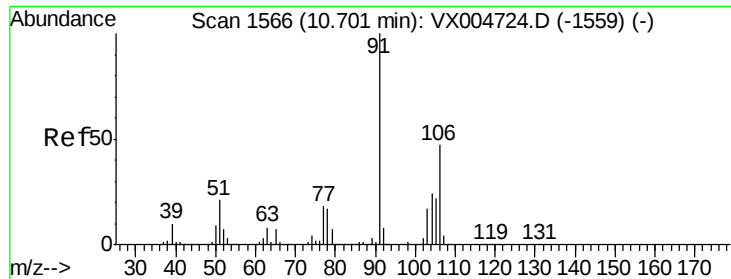
Tot Ion: 91 Resp: 250795
Ion Ratio Lower Upper
91 100
106 31.2 26.9 40.3



#68
m/p-Xylenes
Concen: 39.319 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 106 Resp: 196760
Ion Ratio Lower Upper
106 100
91 204.8 157.5 236.3

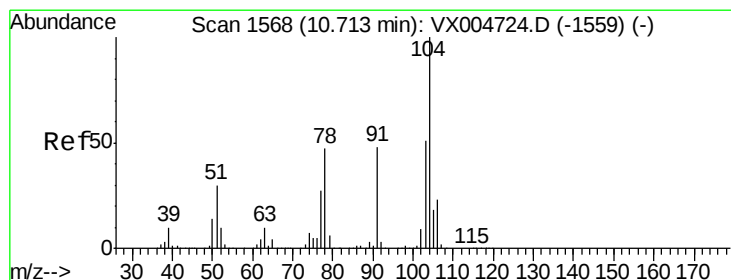
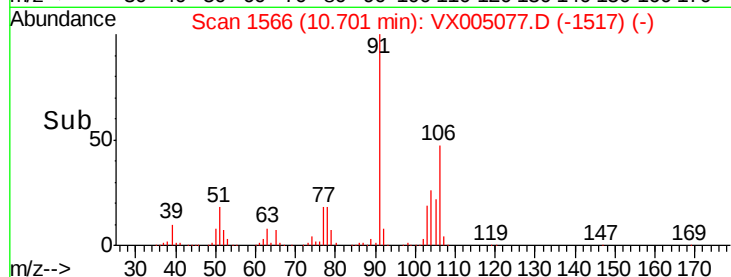
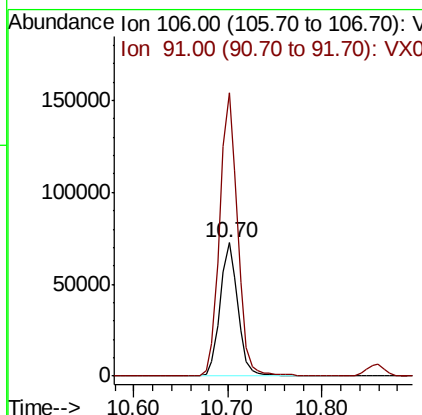
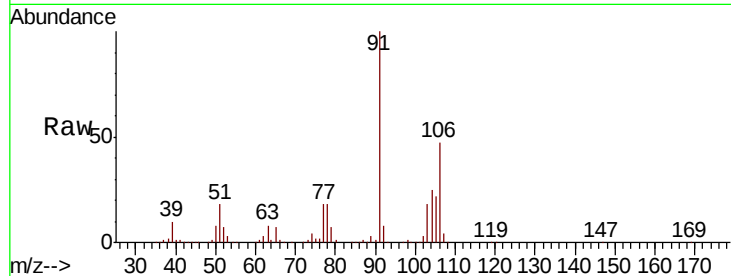




#69
o-Xylene
Concen: 20.817 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

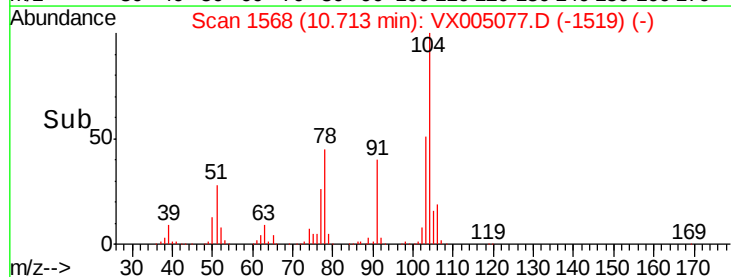
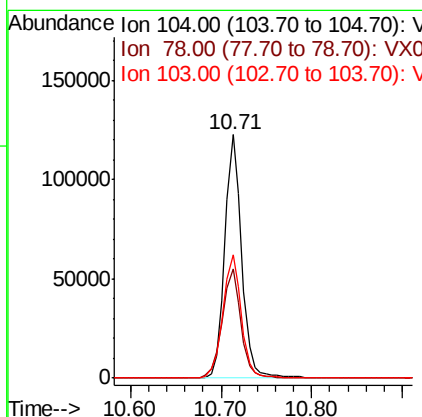
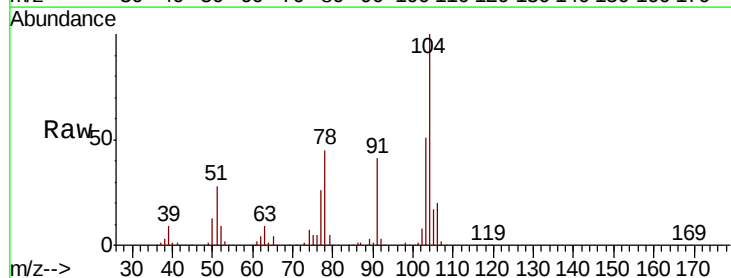
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

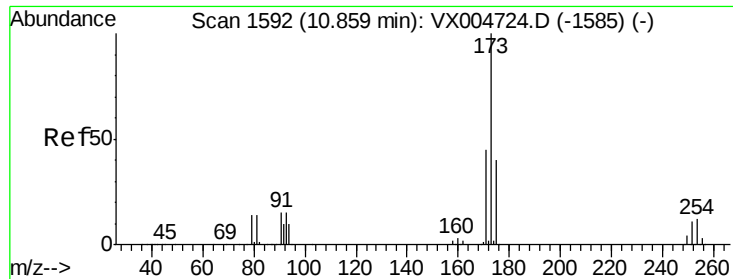
Tot Ion:106 Resp: 95682
Ion Ratio Lower Upper
106 100
91 213.5 108.3 324.8



#70
Styrene
Concen: 19.861 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion:104 Resp: 159148
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 55.6 44.3 66.5

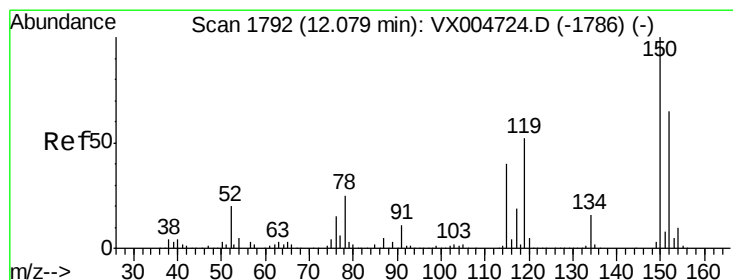
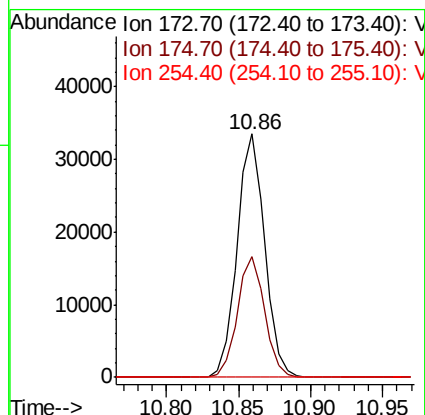
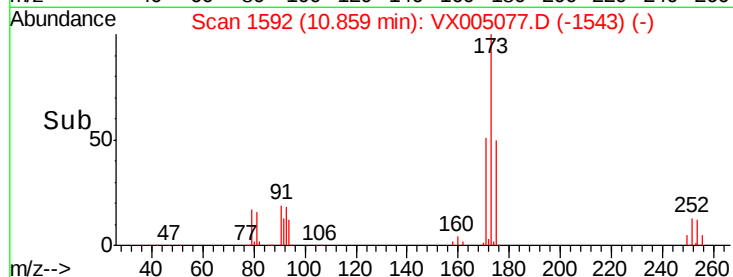
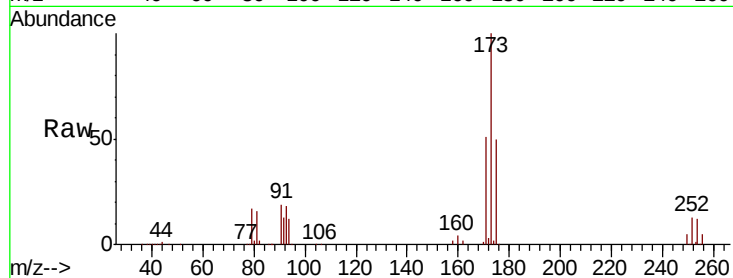




#71
Bromoform
Concen: 18.423 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

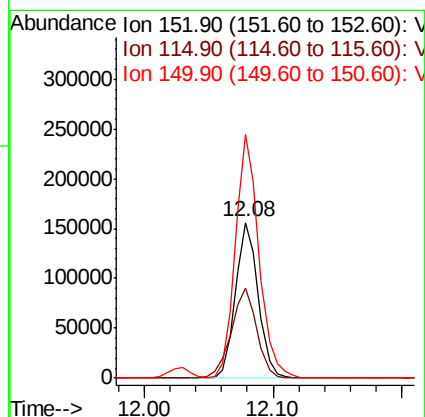
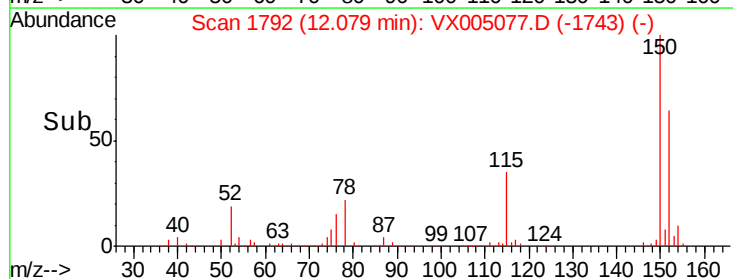
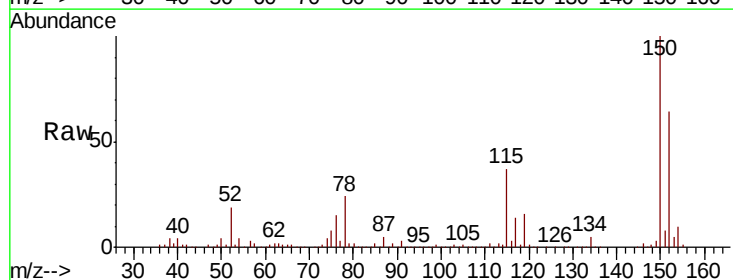
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

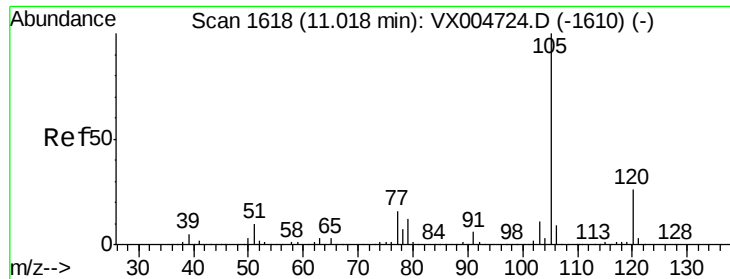
Tot Ion:173 Resp: 44727
Ion Ratio Lower Upper
173 100
175 49.0 23.3 69.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion:152 Resp: 191619
Ion Ratio Lower Upper
152 100
115 65.2 40.2 120.6
150 162.5 0.0 351.0





#73

Isopropylbenzene

Concen: 21.577 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

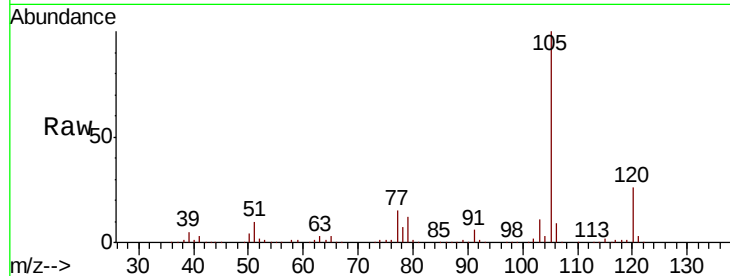
VX1005MBS01

Tot Ion: 105 Resp: 260604

Ion Ratio Lower Upper

105 100

120 26.9 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

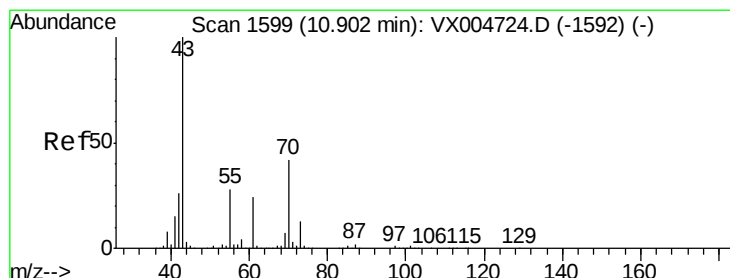
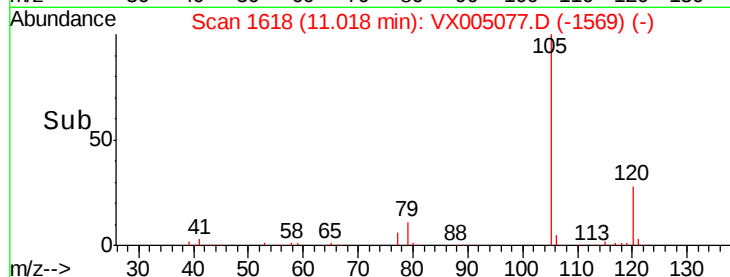
100000

50000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 19.546 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Tgt Ion: 43 Resp: 122436

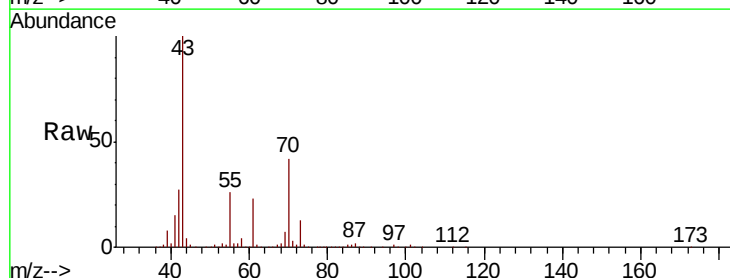
Ion Ratio Lower Upper

43 100

70 40.7 32.6 48.8

55 25.4 21.6 32.4

61 23.8 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

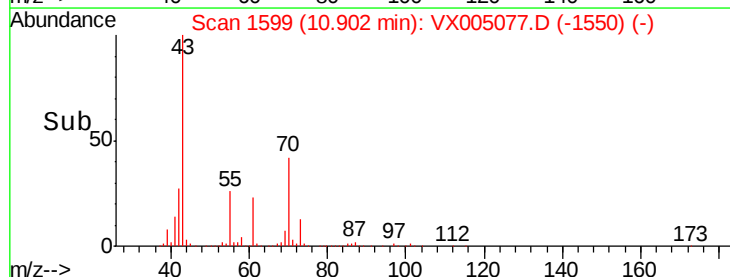
100000

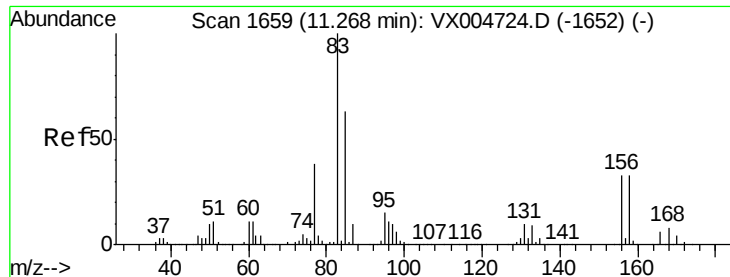
50000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 18.979 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

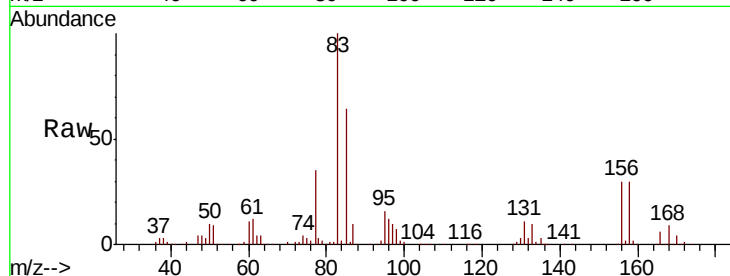
Tot Ion: 83 Resp: 93312

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

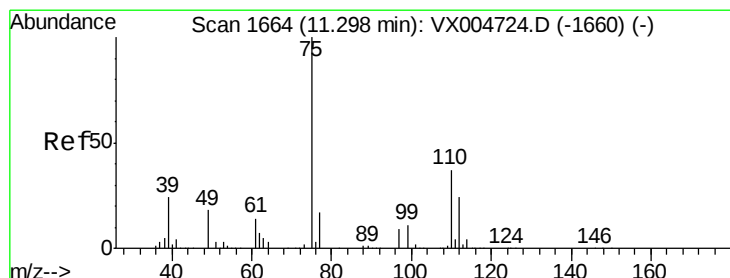
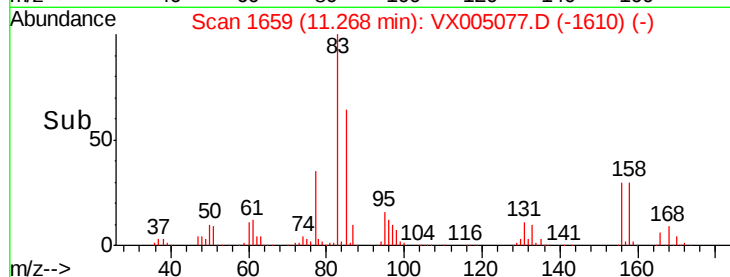
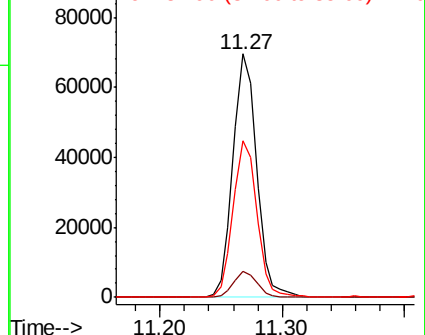
85 64.7 31.9 95.9



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: 24.891 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005077.D

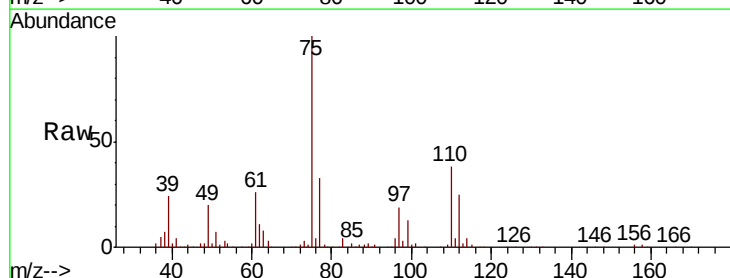
Acq: 05 Oct 2018 20:11

Tgt Ion: 75 Resp: 106906

Ion Ratio Lower Upper

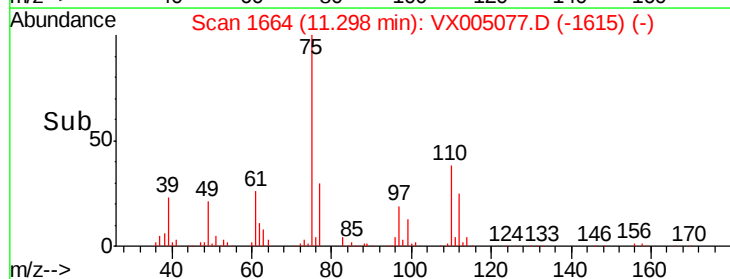
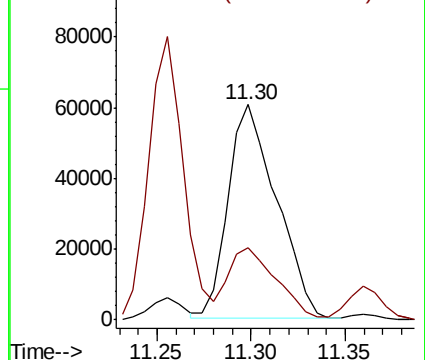
75 100

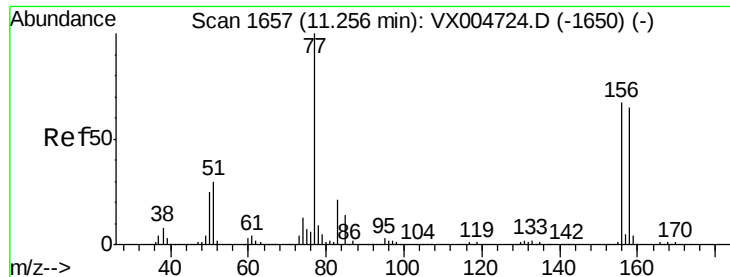
77 33.8 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.948 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

VX1005MBS01

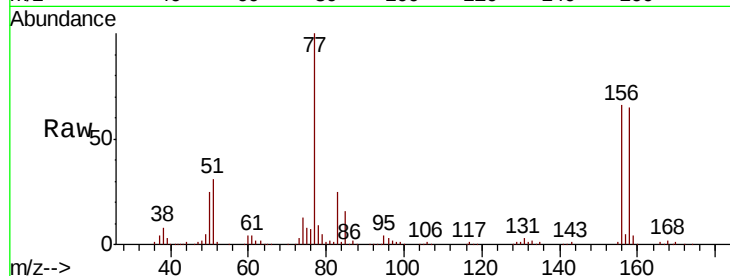
Tot Ion:156 Resp: 69982

Ion Ratio Lower Upper

156 100

77 147.9 73.4 220.2

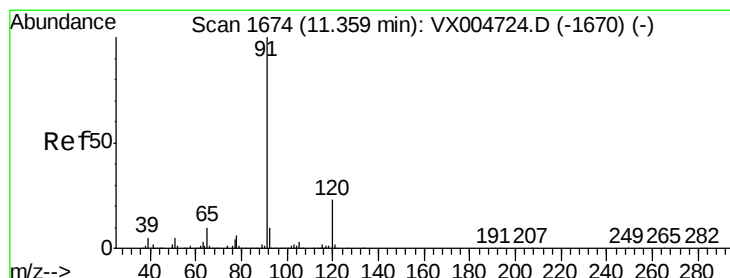
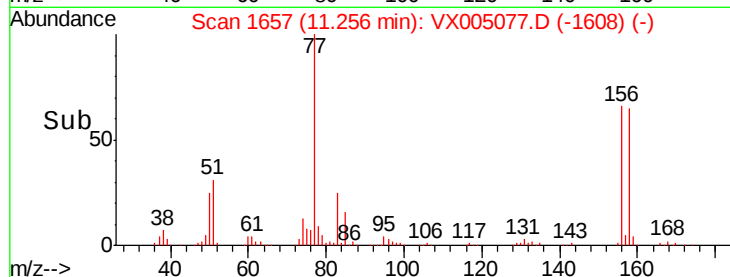
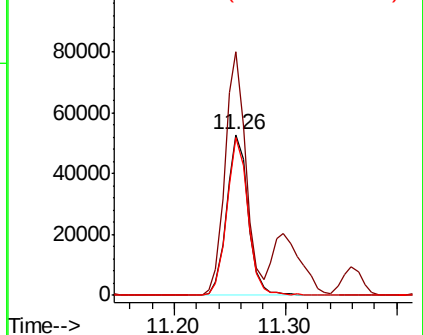
158 97.1 49.1 147.4



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: 21.479 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005077.D

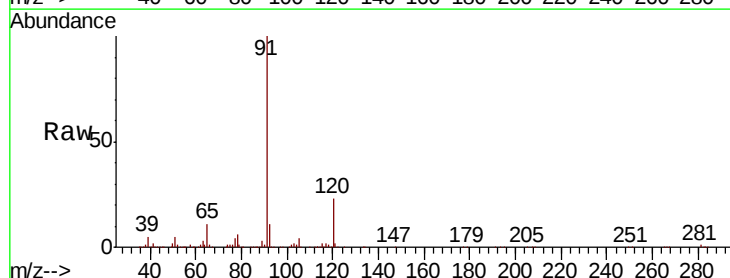
Acq: 05 Oct 2018 20:11

Tgt Ion: 91 Resp: 297661

Ion Ratio Lower Upper

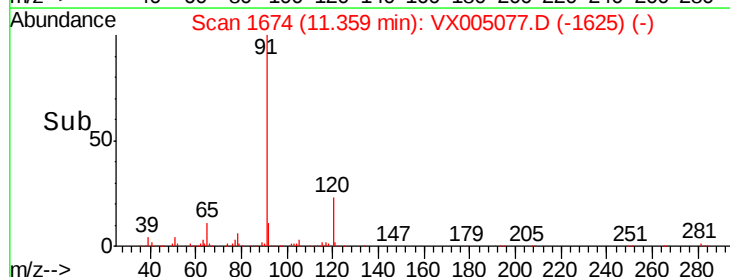
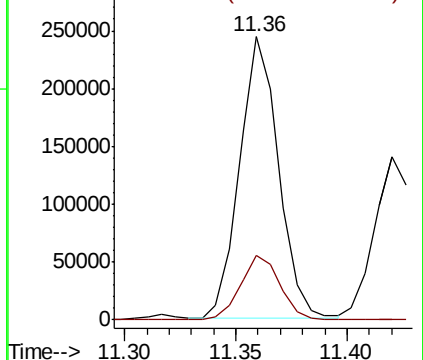
91 100

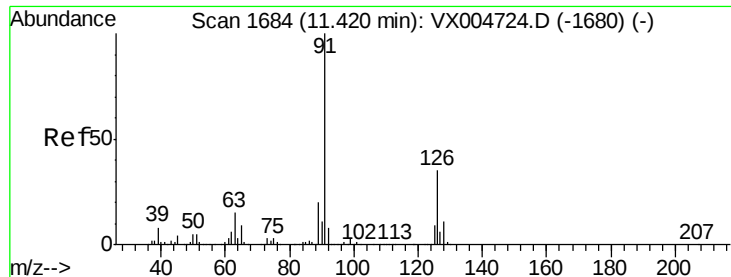
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

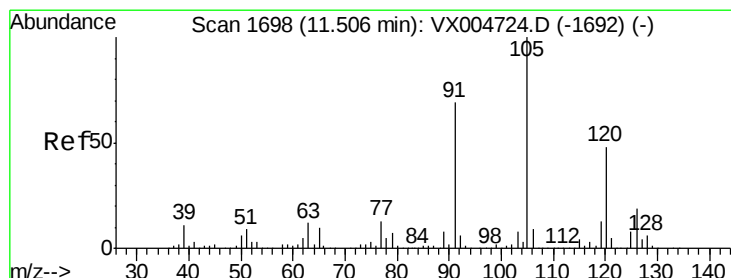
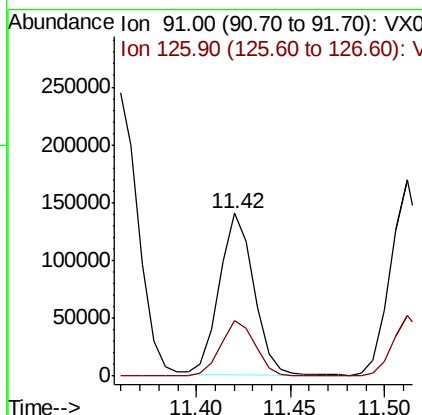
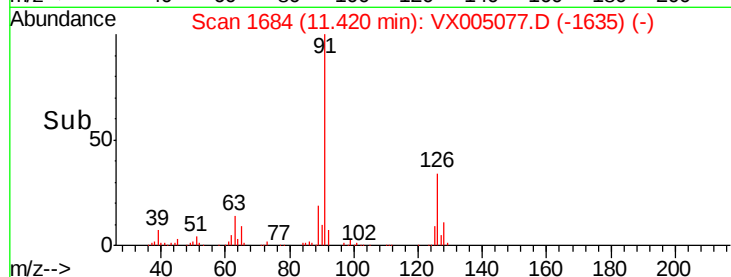
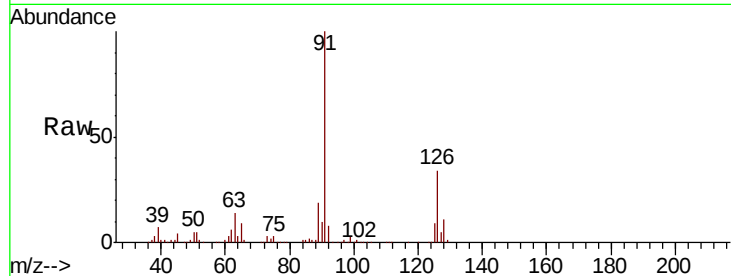




#79
2-Chlorotoluene
Concen: 20.643 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

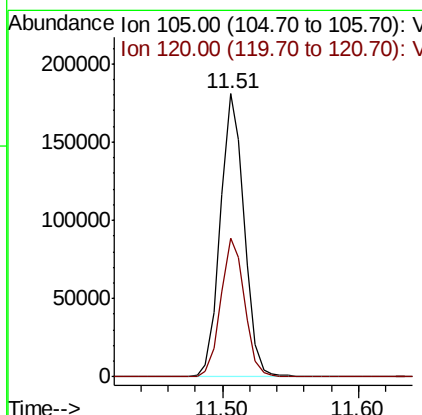
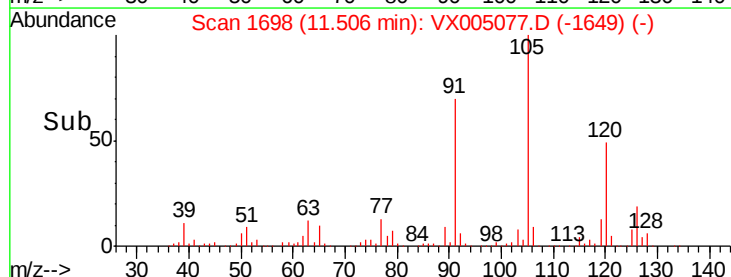
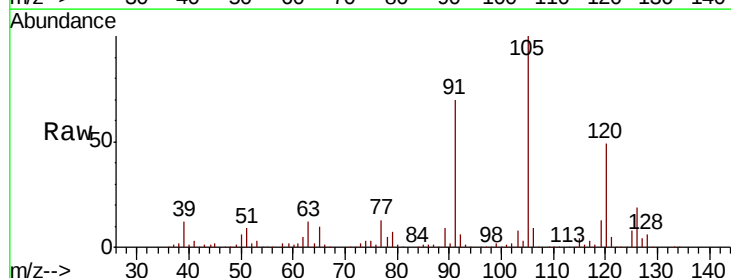
Instrument :
MSVOA_X
ClientSampled :
VX1005MBS01

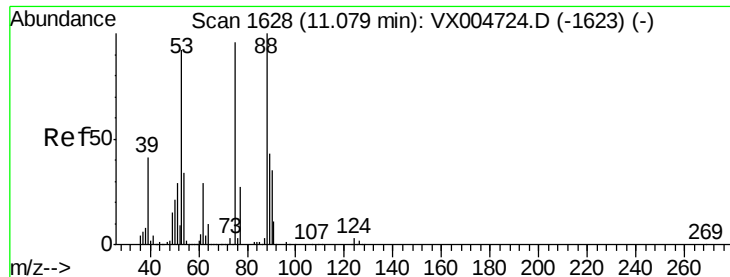
Tot Ion: 91 Resp: 178316
Ion Ratio Lower Upper
91 100
126 35.1 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 19.673 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 105 Resp: 219109
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.082 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

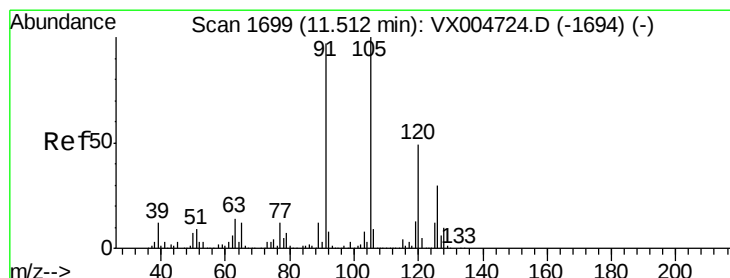
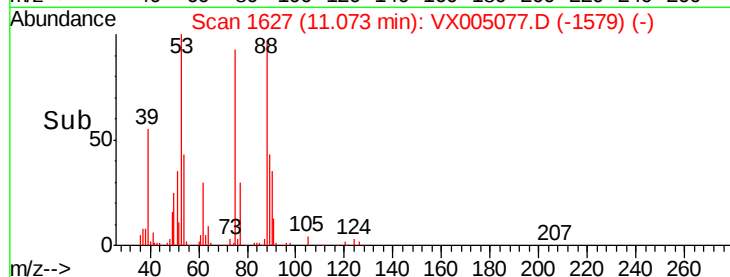
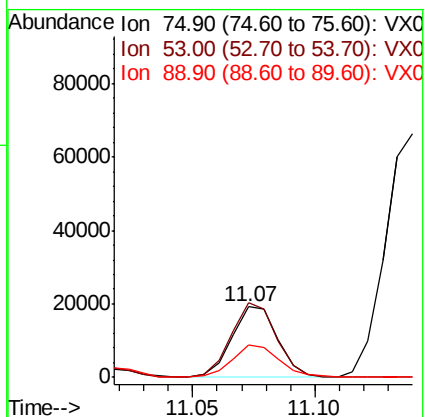
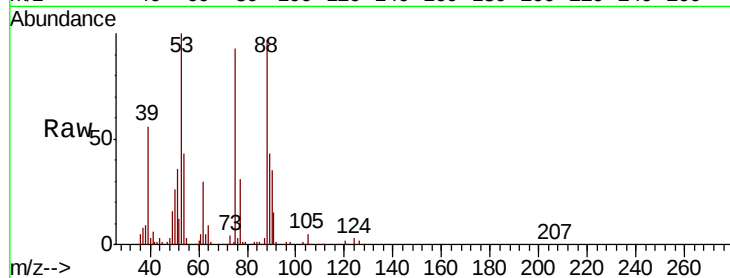
Tot Ion: 75 Resp: 24754

Ion Ratio Lower Upper

75 100

53 105.0 80.2 120.4

89 48.3 37.1 55.7



#82

4-Chlorotoluene

Concen: 20.750 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005077.D

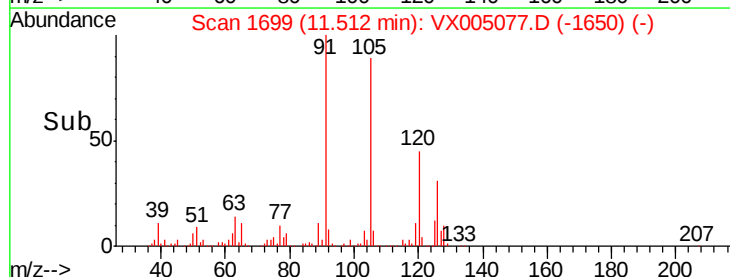
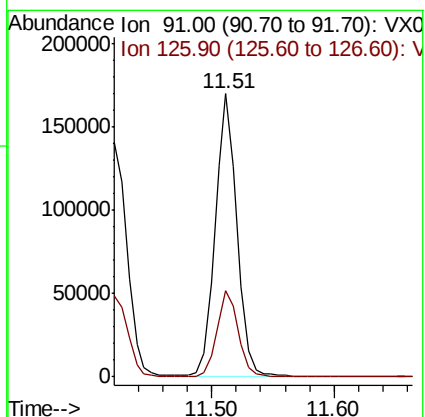
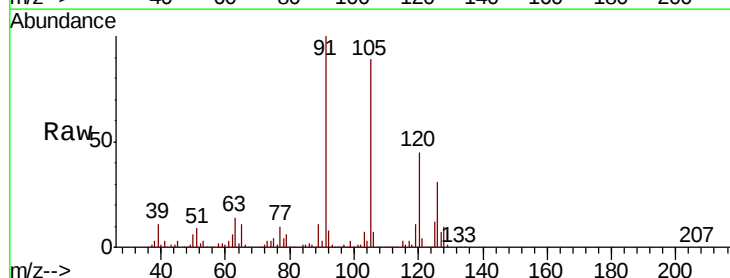
Acq: 05 Oct 2018 20:11

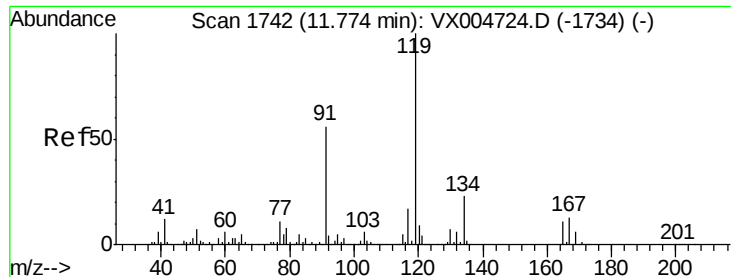
Tgt Ion: 91 Resp: 210970

Ion Ratio Lower Upper

91 100

126 30.4 15.5 46.5

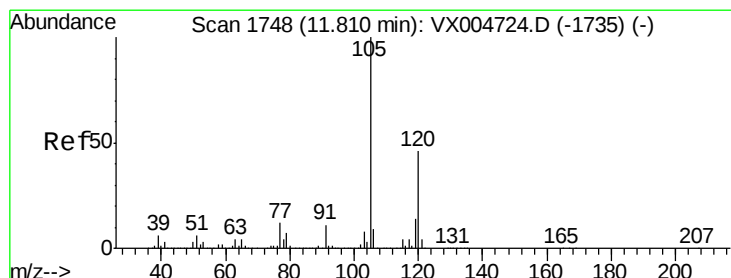
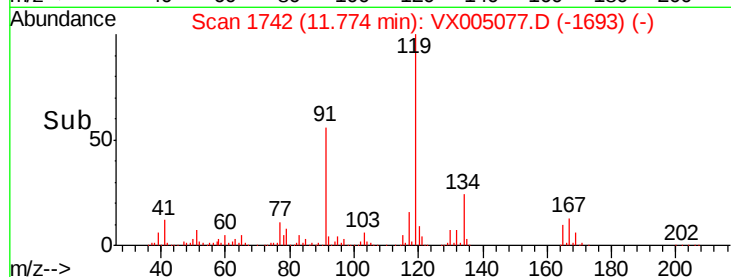
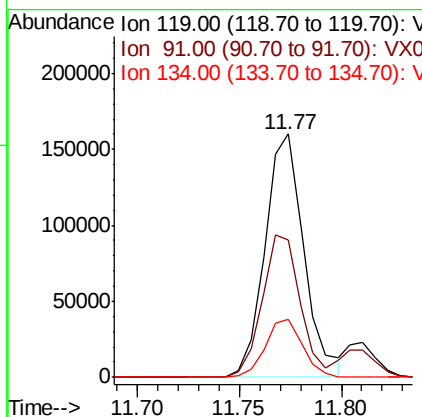
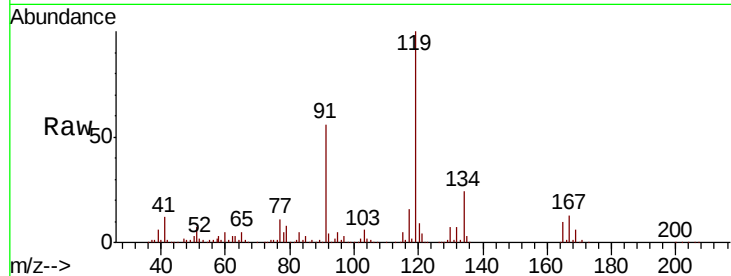




#83
tert-Butylbenzene
Concen: 21.397 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

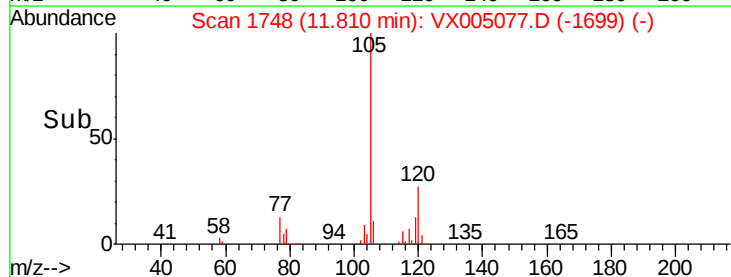
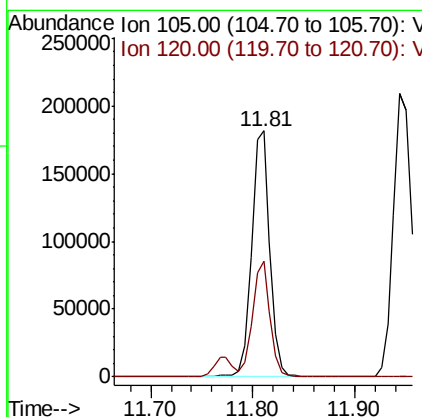
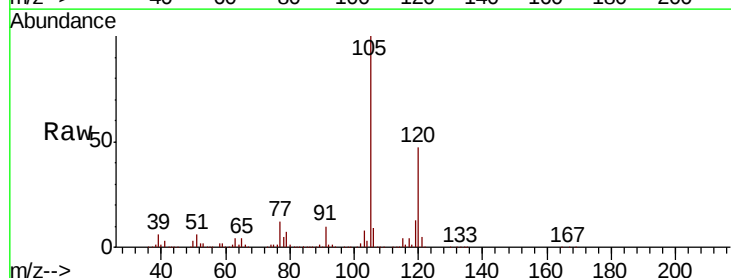
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

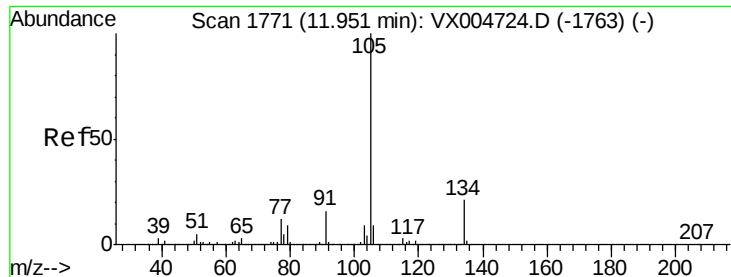
Tot Ion:119 Resp: 212772
Ion Ratio Lower Upper
119 100
91 57.2 27.5 82.5
134 23.2 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 19.733 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion:105 Resp: 226643
Ion Ratio Lower Upper
105 100
120 45.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 21.842 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

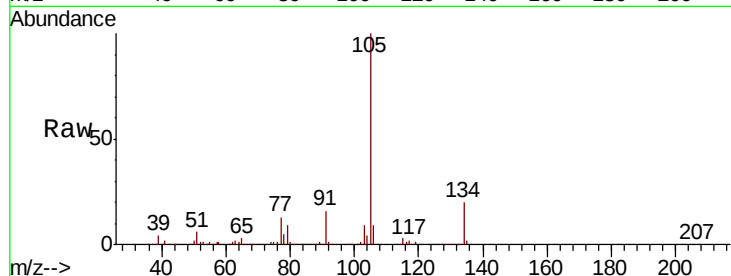
VX1005MBS01

Tot Ion:105 Resp: 264555

Ion Ratio Lower Upper

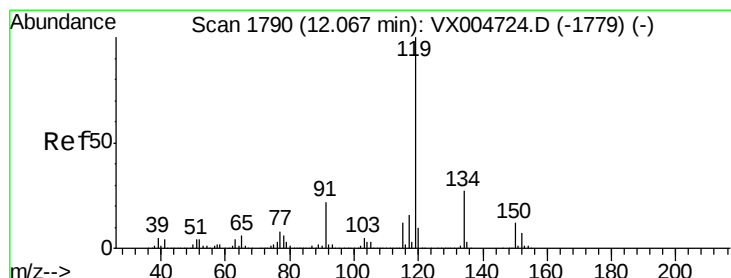
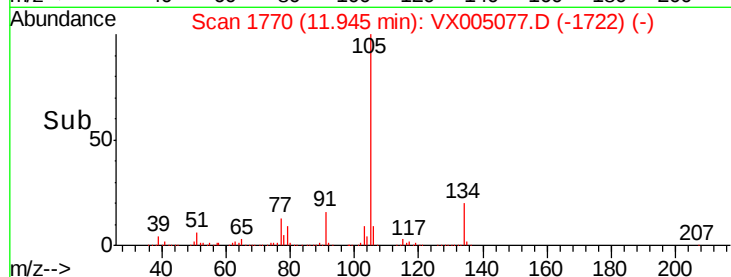
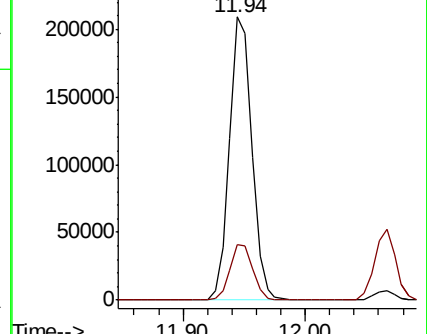
105 100

134 20.1 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.424 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

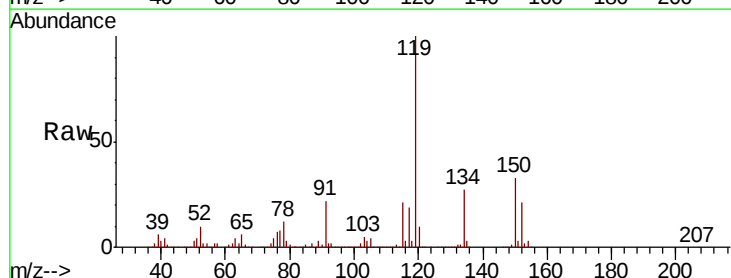
Tgt Ion:119 Resp: 235104

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

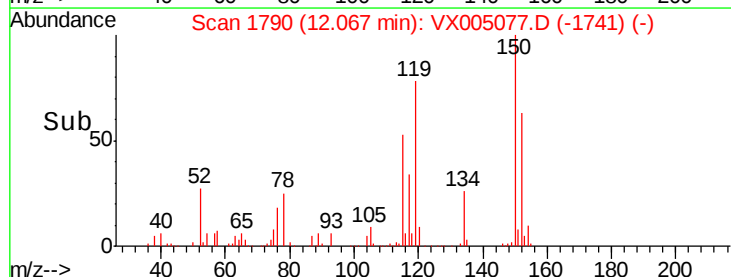
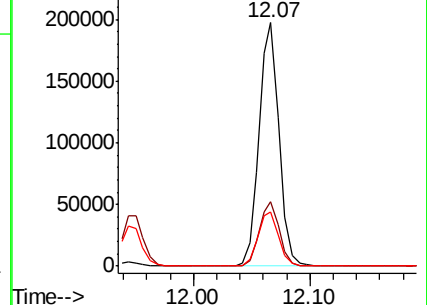
91 22.9 11.5 34.4

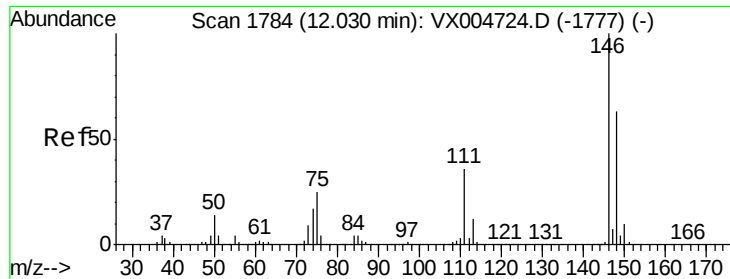


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

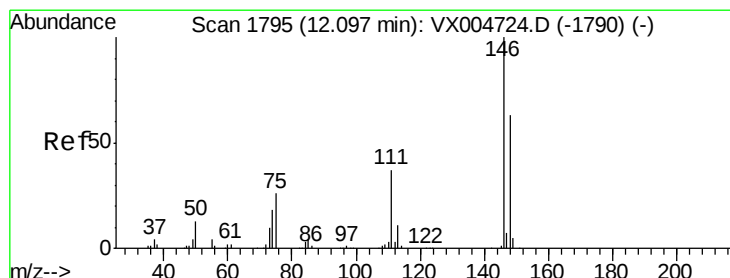
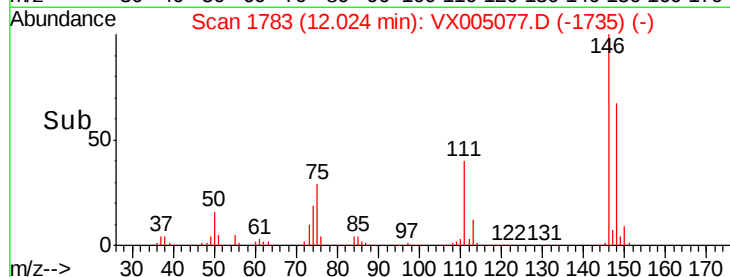
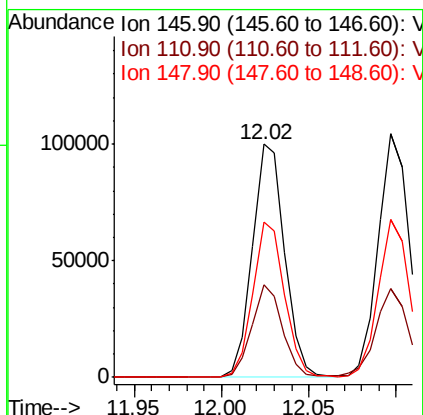
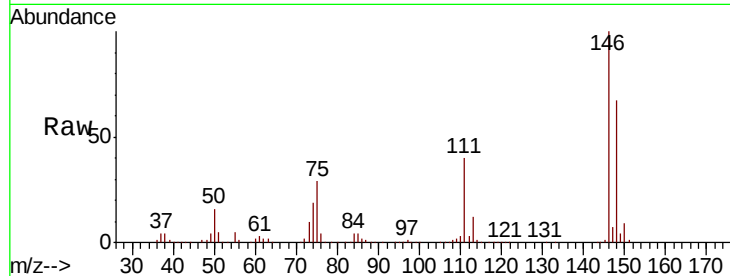




#87
 1,3-Dichlorobenzene
 Concen: 19.652 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

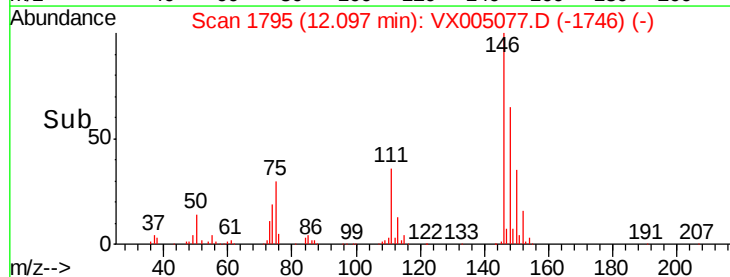
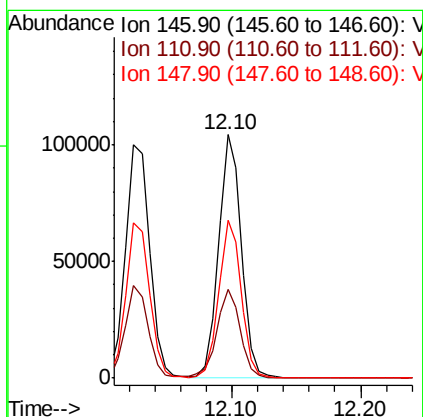
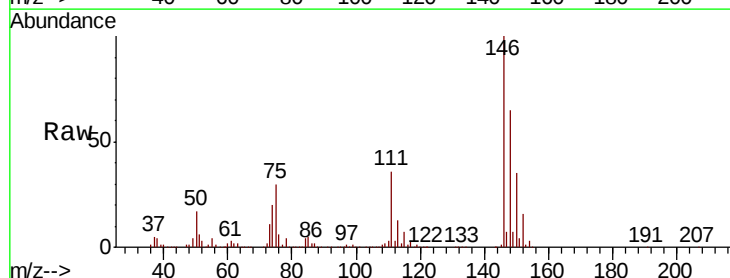
Instrument :
 MSVOA_X
 ClientSampled :
 VX1005MBS01

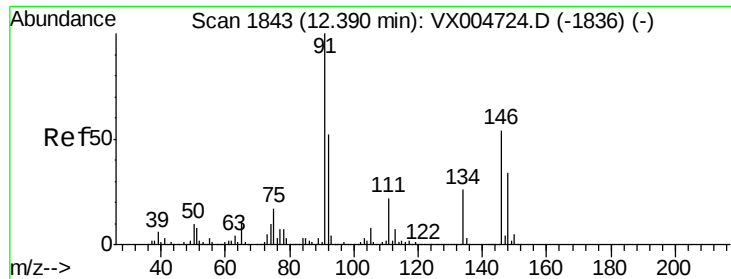
Tot Ion:146 Resp: 128732
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 65.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.200 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Tgt Ion:146 Resp: 129835
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.4 55.2
 148 64.4 32.0 96.0

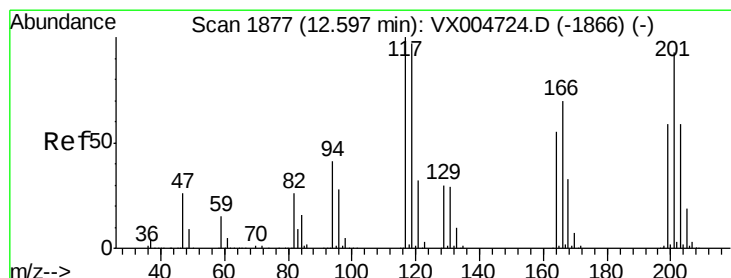
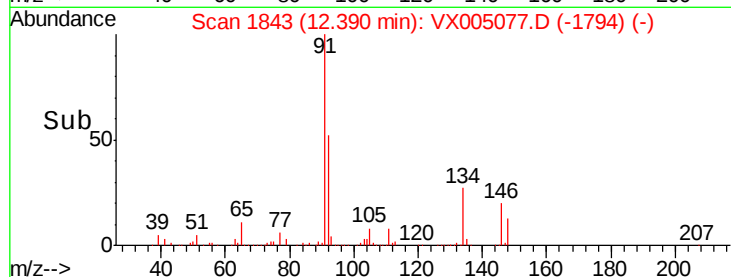
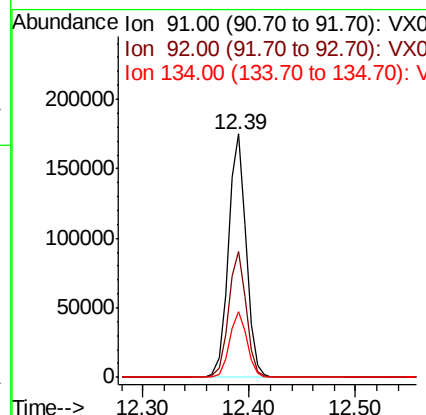
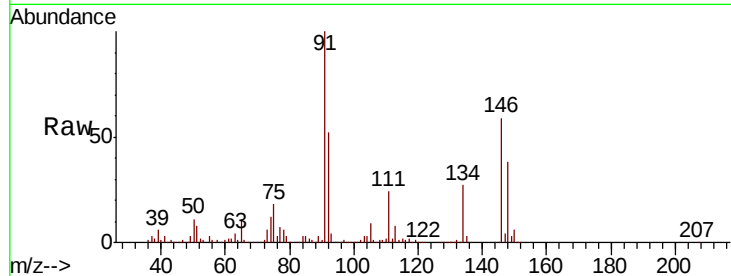




#89
n-Butylbenzene
Concen: 20.347 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

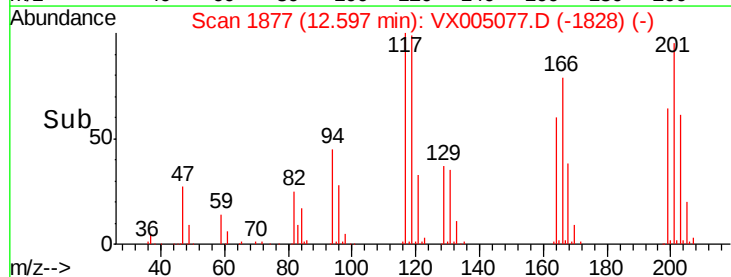
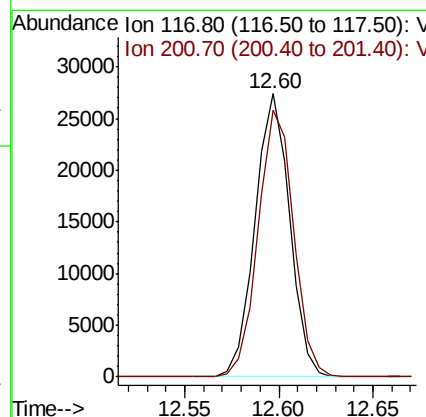
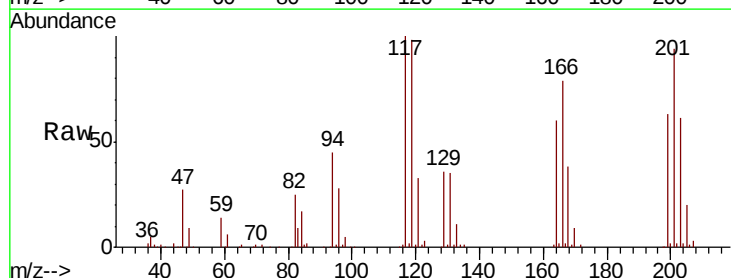
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

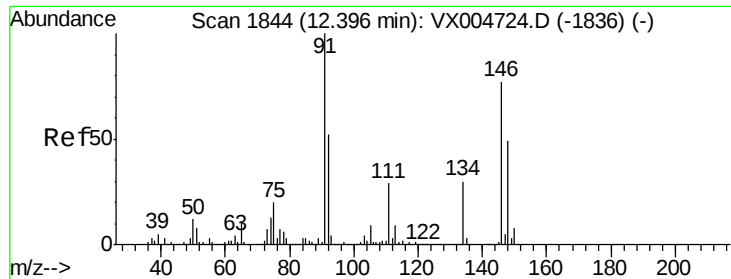
Tot Ion: 91 Resp: 202784
Ion Ratio Lower Upper
91 100
92 51.8 26.0 78.0
134 26.7 13.2 39.6



#90
Hexachloroethane
Concen: 19.110 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion: 117 Resp: 34916
Ion Ratio Lower Upper
117 100
201 96.4 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 18.908 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

VX1005MBS01

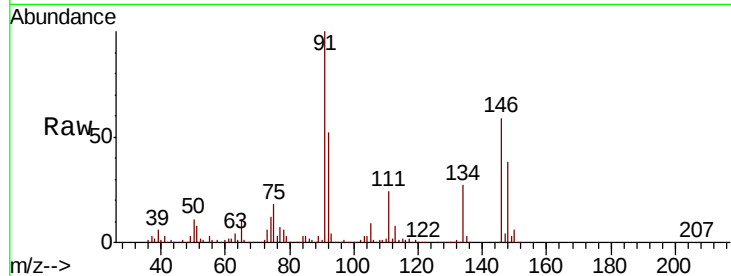
Tot Ion:146 Resp: 129437

Ion Ratio Lower Upper

146 100

111 39.7 19.6 58.7

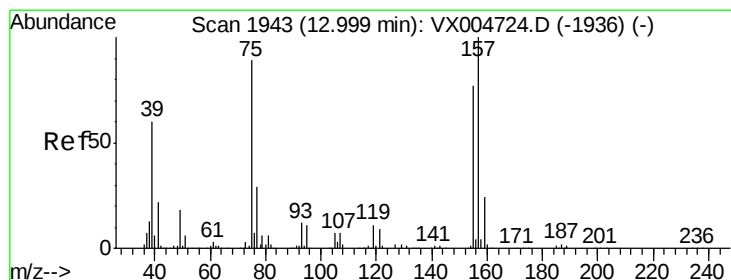
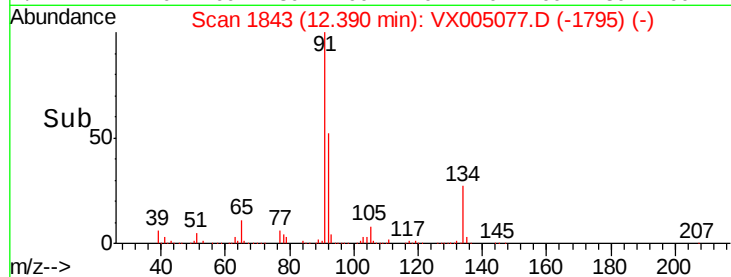
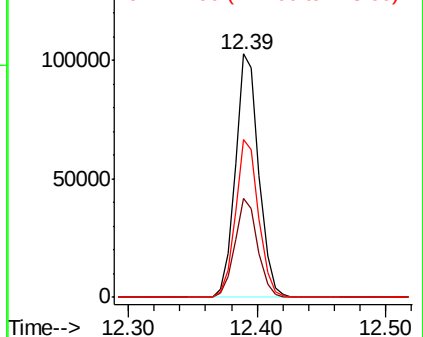
148 64.0 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.212 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005077.D

Acq: 05 Oct 2018 20:11

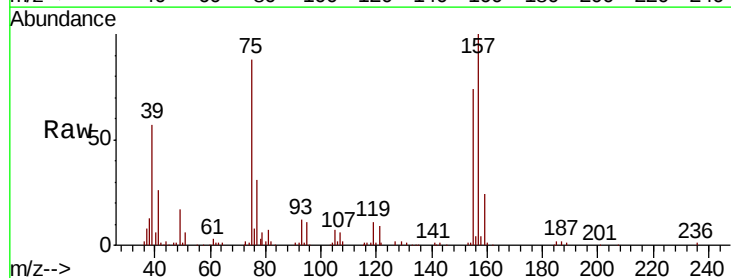
Tgt Ion: 75 Resp: 21819

Ion Ratio Lower Upper

75 100

155 89.0 46.1 138.3

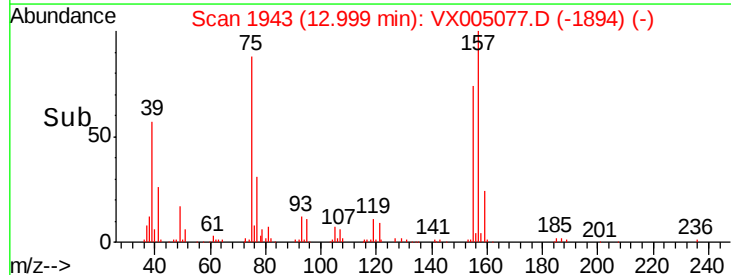
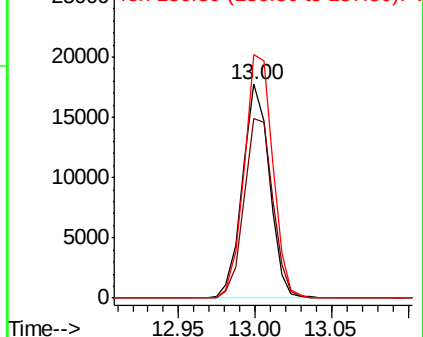
157 119.6 60.2 180.6

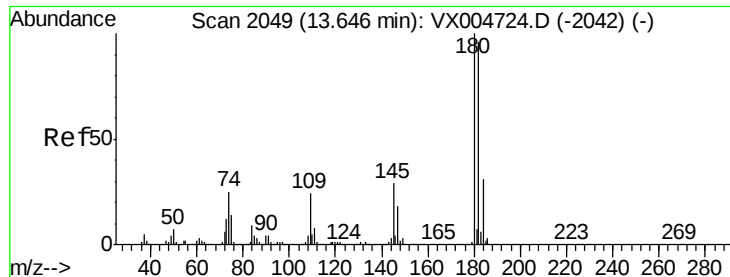


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

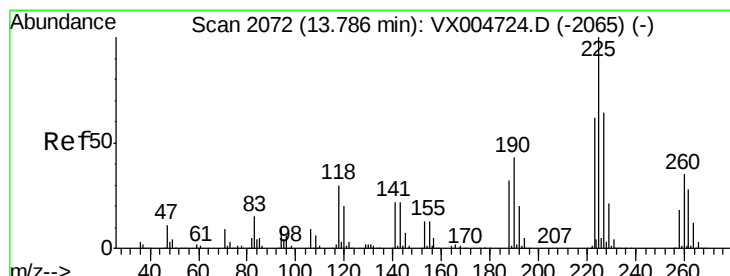
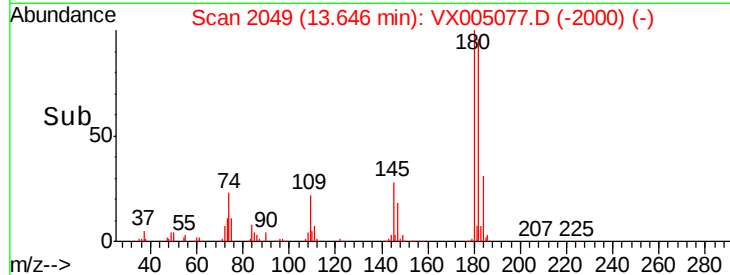
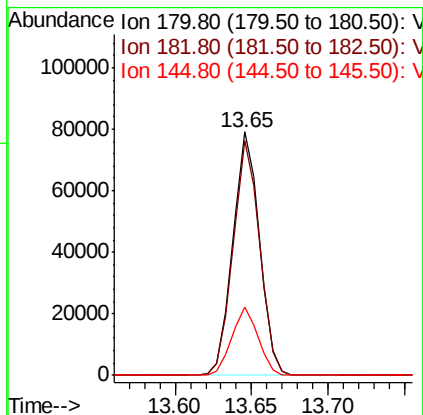
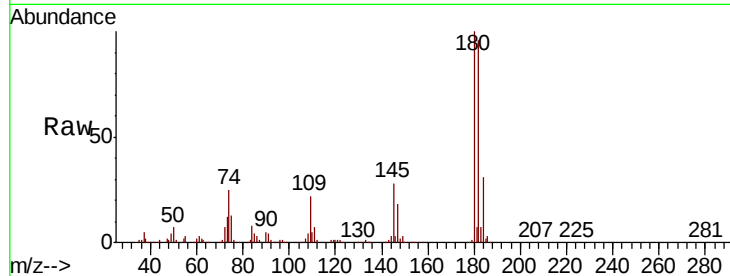




#93
 1,2,4-Trichlorobenzene
 Concen: 19.839 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

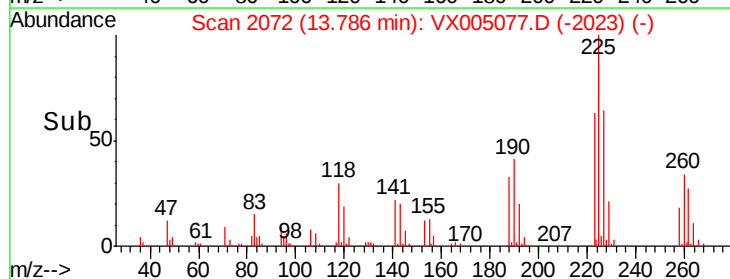
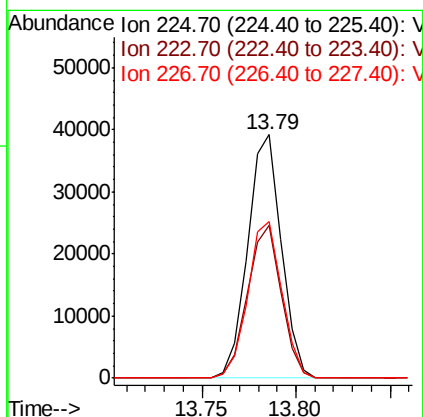
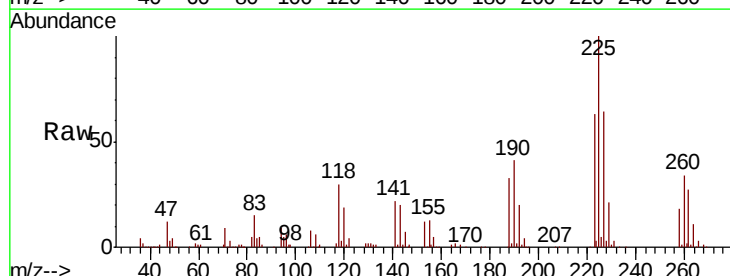
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

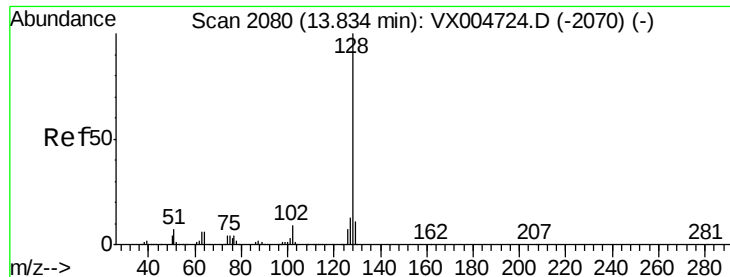
Tot Ion:180 Resp: 95273
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.8 143.4
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.520 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005077.D
 Acq: 05 Oct 2018 20:11

Tgt Ion:225 Resp: 48609
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.8
 227 64.9 31.9 95.5

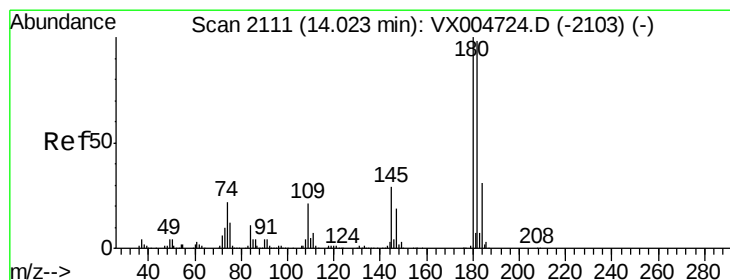
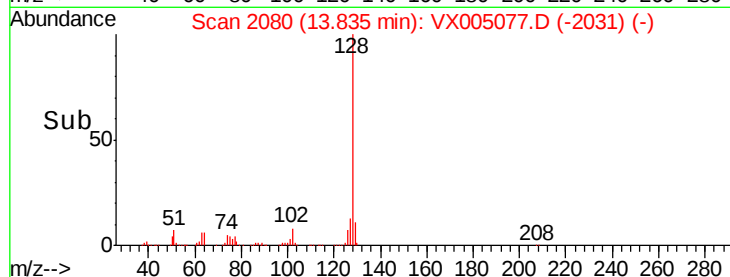
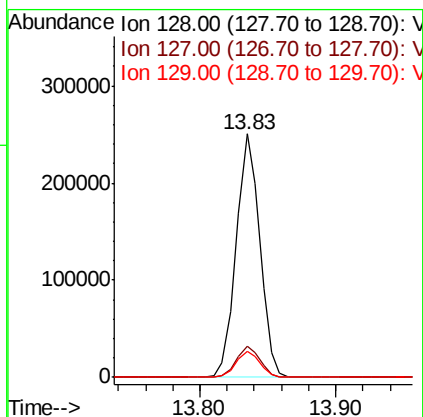
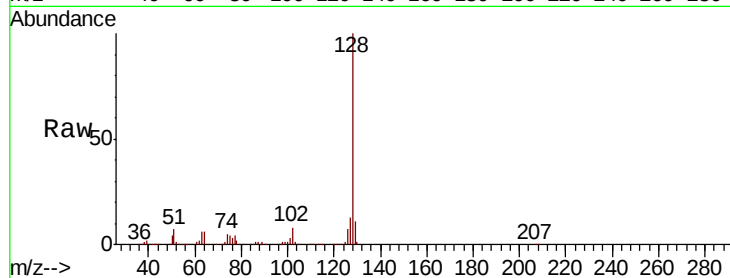




#95
Naphthalene
Concen: 19.408 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tot Ion:128 Resp: 302215
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.020 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005077.D
Acq: 05 Oct 2018 20:11

Tgt Ion:180 Resp: 99312
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.8
145 30.2 15.0 45.0

