

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
 Data File : VX004442.D
 Acq On : 10 Sep 2018 12:08
 Operator : JC/MD
 Sample : VX0910WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Quant Time: Sep 11 01:17:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	277021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	387361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	174269	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
35) Dibromofluoromethane	5.50	113	150124	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	8.71	98	550885	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.14	95	192460	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47440	14.79	ug/l	98
3) Chloromethane	1.32	50	59948	17.10	ug/l	96
4) Vinyl Chloride	1.40	62	62665	17.26	ug/l	100
5) Bromomethane	1.64	94	29025	14.80	ug/l	99
6) Chloroethane	1.72	64	44135	16.51	ug/l	99
7) Trichlorofluoromethane	1.93	101	87944	17.68	ug/l	97
8) Diethyl Ether	2.18	74	43380	20.37	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56473	18.13	ug/l	99
10) Methyl Iodide	2.51	142	46677	16.41	ug/l	97
11) Tert butyl alcohol	3.06	59	78764	102.34	ug/l	100
12) 1,1-Dichloroethene	2.37	96	52323	17.83	ug/l	99
13) Acrolein	2.29	56	21061	113.50	ug/l	98
14) Allyl chloride	2.73	41	109116	20.24	ug/l	96
15) Acrylonitrile	3.14	53	203892	106.97	ug/l	99
16) Acetone	2.44	43	158994	103.13	ug/l	98
17) Carbon Disulfide	2.57	76	126482	16.07	ug/l	99
18) Methyl Acetate	2.78	43	151015	28.18	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	204585	21.15	ug/l	98
20) Methylene Chloride	2.85	84	68706	19.77	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	59232	18.23	ug/l	99
22) Diisopropyl ether	3.86	45	210194	20.88	ug/l	92
23) Vinyl Acetate	3.82	43	817512	100.19	ug/l	100
24) 1,1-Dichloroethane	3.69	63	120927	20.61	ug/l	99
25) 2-Butanone	4.70	43	248271	100.92	ug/l	98
26) 2,2-Dichloropropane	4.58	77	88116	19.15	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	69985	19.00	ug/l	100
28) Bromochloromethane	5.01	49	55719	21.45	ug/l	97
29) Tetrahydrofuran	5.15	42	155741	100.39	ug/l	99
30) Chloroform	5.21	83	116997	19.89	ug/l	99
31) Cyclohexane	5.57	56	83824	16.56	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	91102	18.57	ug/l	99
36) 1,1-Dichloropropene	5.79	75	79872	17.85	ug/l	99
37) Ethyl Acetate	4.85	43	89272	20.28	ug/l	99
38) Carbon Tetrachloride	5.78	117	77267	18.35	ug/l	97

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Instrument :
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Quant Time: Sep 11 01:17:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84686	16.57	ug/l	98
40) Benzene	6.14	78	261905	19.58	ug/l	99
41) Methacrylonitrile	5.05	41	53265	20.88	ug/l	98
42) 1,2-Dichloroethane	6.20	62	89130	19.54	ug/l	99
43) Isopropyl Acetate	6.46	43	138200	20.43	ug/l	99
44) Trichloroethene	7.21	130	70868	19.14	ug/l	99
45) 1,2-Dichloropropane	7.51	63	70295	21.00	ug/l	96
46) Dibromomethane	7.66	93	44077	19.78	ug/l	98
47) Bromodichloromethane	7.90	83	84948	20.48	ug/l	100
48) Methyl methacrylate	7.77	41	73309	20.26	ug/l	99
49) 1,4-Dioxane	7.75	88	34293	417.34	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	486088	98.91	ug/l	100
52) Toluene	8.79	92	166426	19.88	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	92929	20.29	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	103645	20.77	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	72042	21.32	ug/l	98
56) Ethyl methacrylate	9.18	69	93999	20.43	ug/l	99
57) 1,3-Dichloropropane	9.37	76	119758	21.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	250048	106.08	ug/l	99
59) 2-Hexanone	9.49	43	369098	98.45	ug/l	99
60) Dibromochloromethane	9.59	129	67603	20.53	ug/l	100
61) 1,2-Dibromoethane	9.67	107	71403	20.42	ug/l	99
64) Tetrachloroethene	9.34	164	80773	21.11	ug/l	98
65) Chlorobenzene	10.14	112	188434	19.38	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	65633	19.57	ug/l	97
67) Ethyl Benzene	10.25	91	293162	18.57	ug/l	95
68) m/p-Xylenes	10.36	106	223041	36.13	ug/l	92
69) o-Xylene	10.70	106	107472	18.40	ug/l	99
70) Styrene	10.71	104	180823	19.12	ug/l	99
71) Bromoform	10.86	173	48898	18.09	ug/l	100
73) Isopropylbenzene	11.02	105	296185	18.89	ug/l	99
74) N-amyl acetate	10.90	43	110320	18.28	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	96357	17.56	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	110572	22.78	ug/l	87
77) Bromobenzene	11.26	156	78243	17.79	ug/l	95
78) n-propylbenzene	11.36	91	332379	18.43	ug/l	98
79) 2-Chlorotoluene	11.42	91	197585	17.80	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	244329	18.82	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	26191	17.51	ug/l	96
82) 4-Chlorotoluene	11.51	91	245572	18.81	ug/l	96
83) tert-Butylbenzene	11.77	119	230623	17.66	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	260166	19.52	ug/l	99
85) sec-Butylbenzene	11.94	105	307459	19.83	ug/l	99
86) p-Isopropyltoluene	12.07	119	269433	19.39	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	159105	19.22	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	165032	18.90	ug/l	99
89) n-Butylbenzene	12.39	91	226387	20.03	ug/l	99
90) Hexachloroethane	12.60	117	37628	19.37	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	157823	20.86	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19521	20.20	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

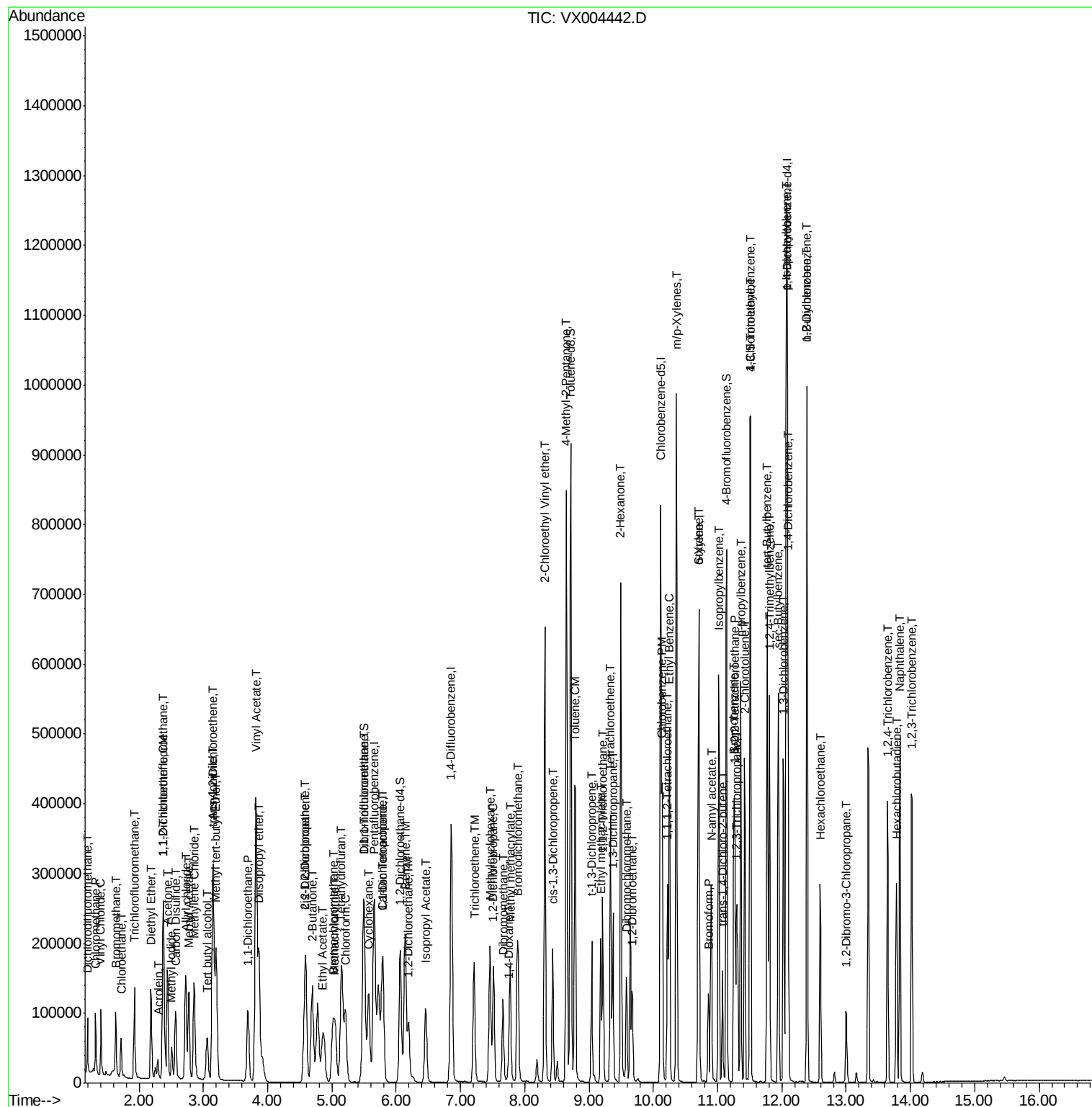
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104180	18.92	ug/l	98
94) Hexachlorobutadiene	13.79	225	47869	18.60	ug/l	96
95) Naphthalene	13.83	128	299163	19.21	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	112508	19.30	ug/l	99

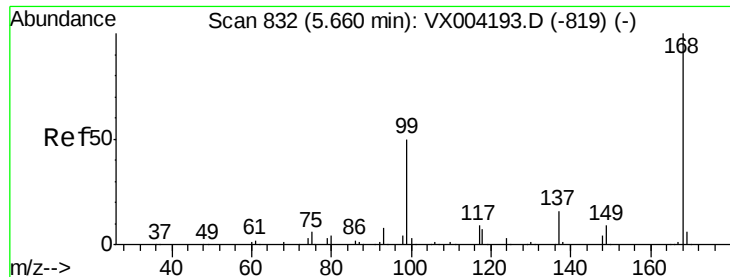
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX004442.D
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Sample : VX0910WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0910WBS01

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampled :

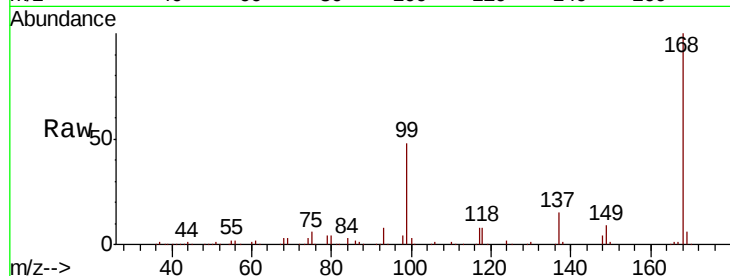
VX0910WBS01

Tot Ion:168 Resp: 277021

Ion Ratio Lower Upper

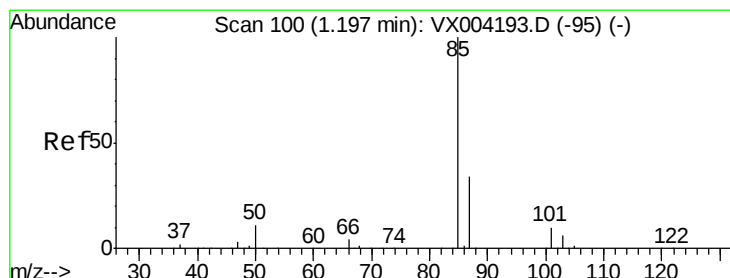
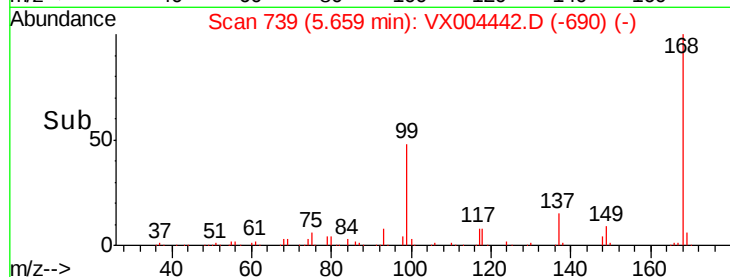
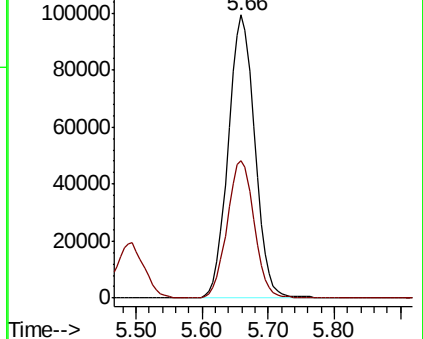
168 100

99 48.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 14.79 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004442.D

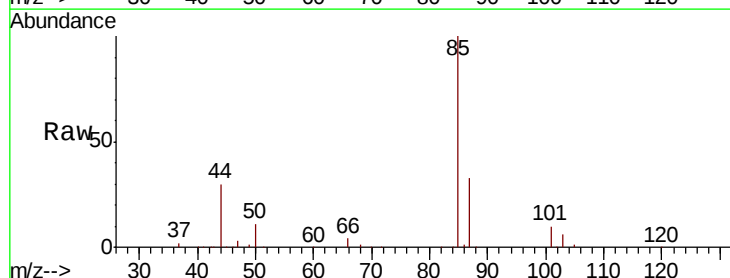
Acq: 10 Sep 2018 12:08

Tgt Ion: 85 Resp: 47440

Ion Ratio Lower Upper

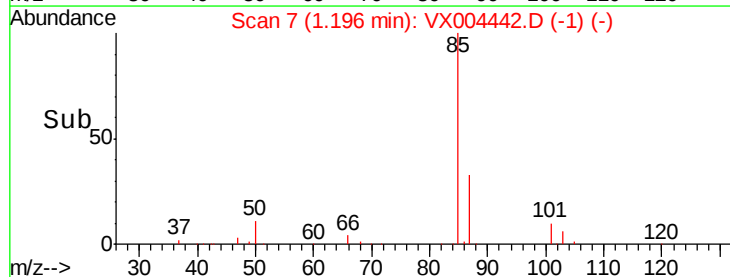
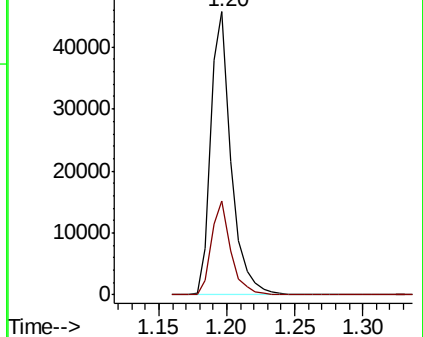
85 100

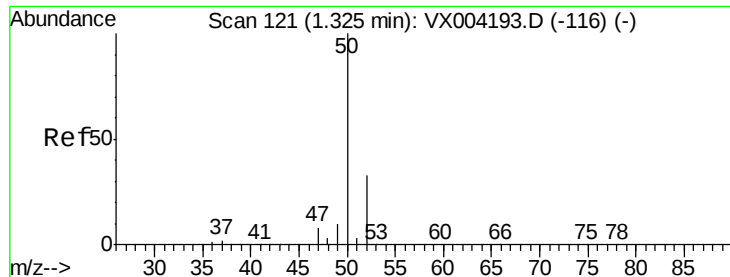
87 33.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

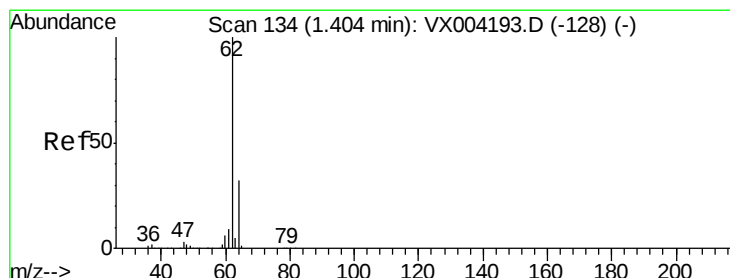
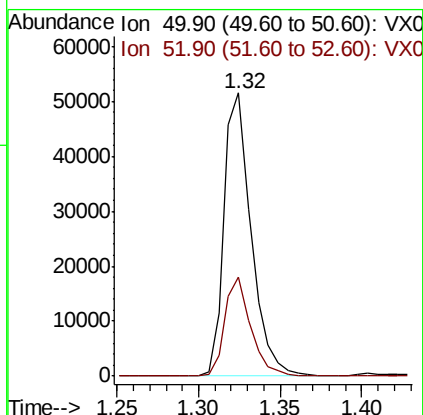
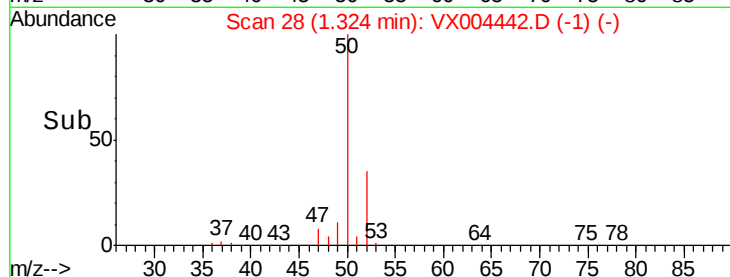
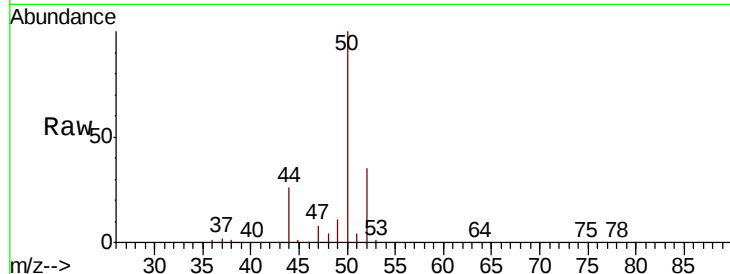




#3
Chloromethane
Concen: 17.10 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

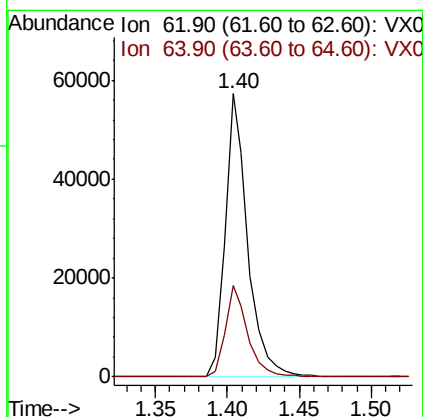
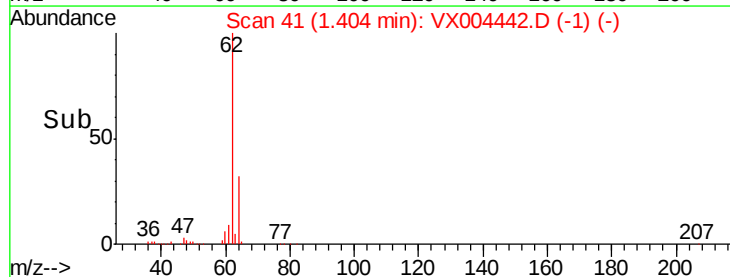
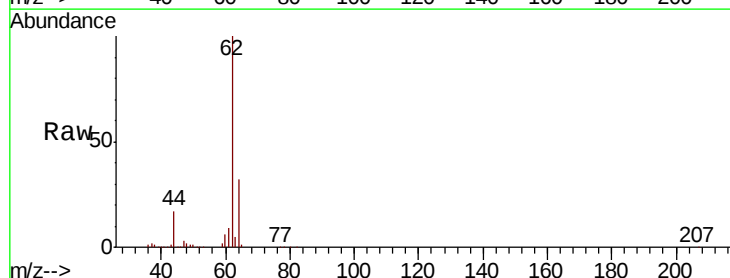
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion: 50 Resp: 59948
Ion Ratio Lower Upper
50 100
52 35.2 26.2 39.2



#4
Vinyl Chloride
Concen: 17.26 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion: 62 Resp: 62665
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.8





#5

Bromomethane

Concen: 14.80 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

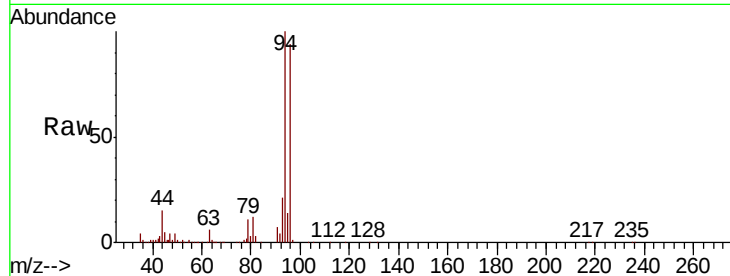
VX0910WBS01

Tot Ion: 94 Resp: 29025

Ion Ratio Lower Upper

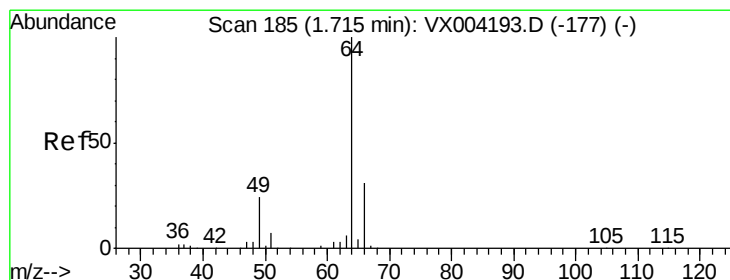
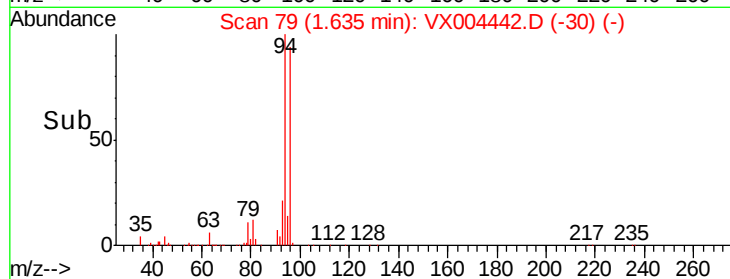
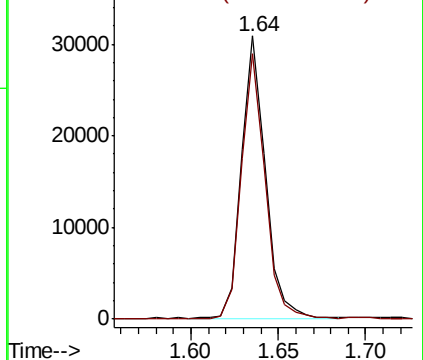
94 100

96 93.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.51 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004442.D

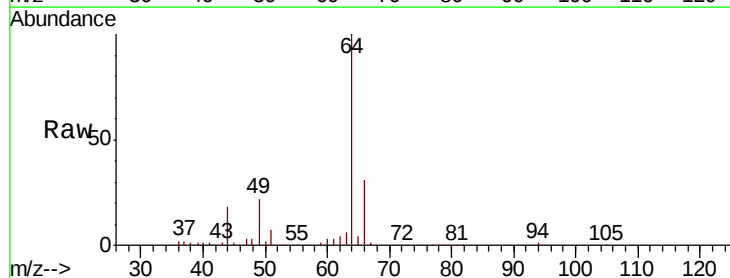
Acq: 10 Sep 2018 12:08

Tgt Ion: 64 Resp: 44135

Ion Ratio Lower Upper

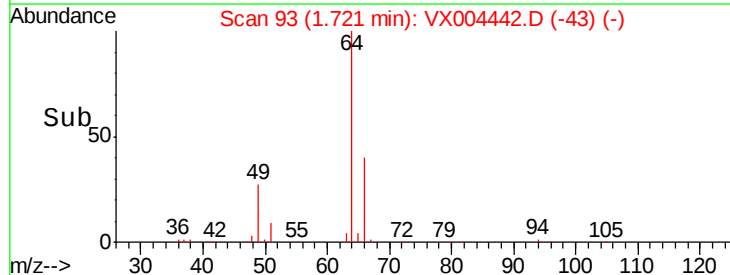
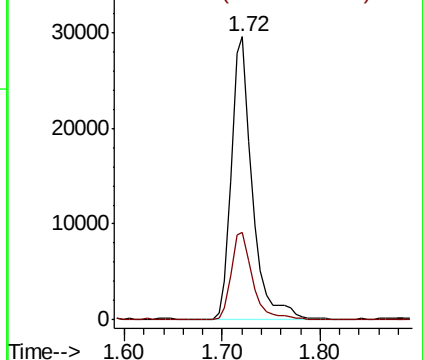
64 100

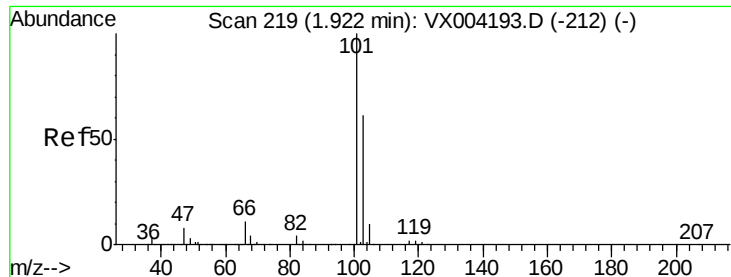
66 31.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 17.68 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

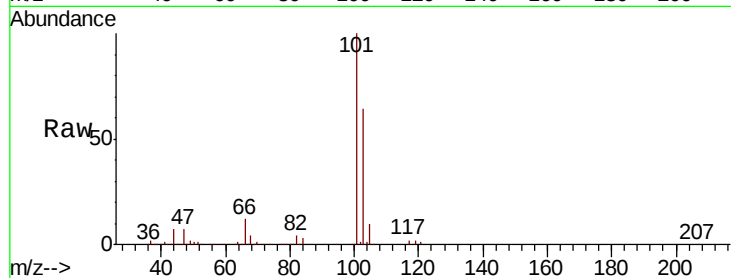
VX0910WBS01

Tot Ion:101 Resp: 87944

Ion Ratio Lower Upper

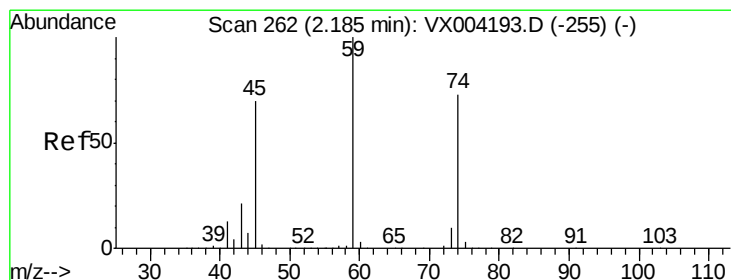
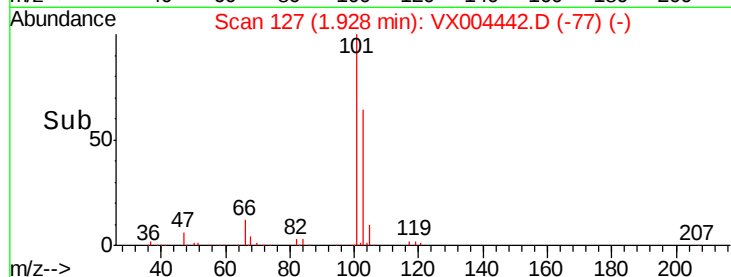
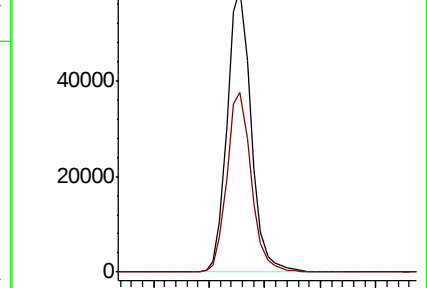
101 100

103 63.7 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.37 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.00 min

Lab File: VX004442.D

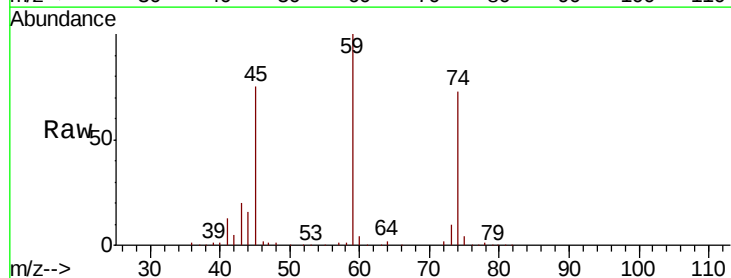
Acq: 10 Sep 2018 12:08

Tgt Ion: 74 Resp: 43380

Ion Ratio Lower Upper

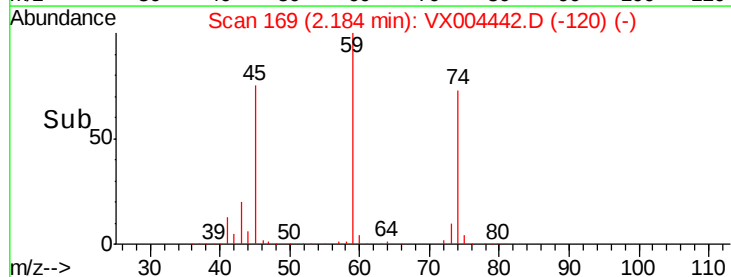
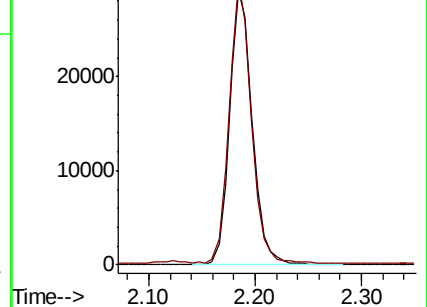
74 100

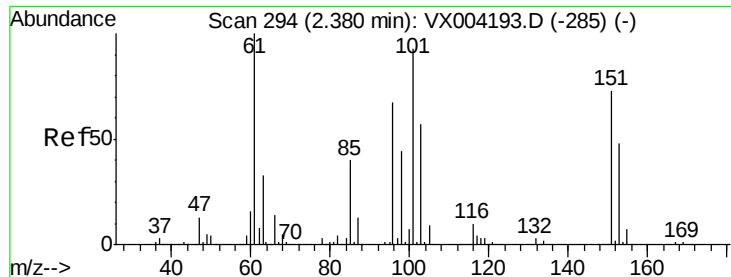
45 99.7 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.13 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004442.D

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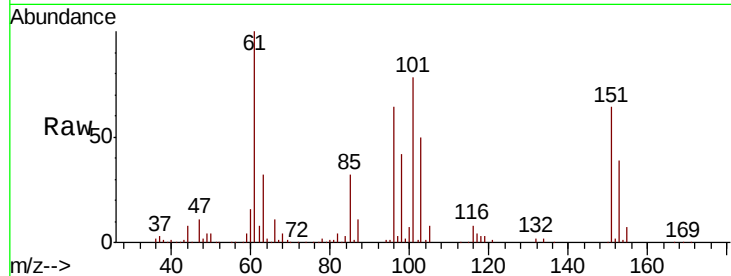
Tot Ion:101 Resp: 56473

Ion Ratio Lower Upper

101 100

85 41.7 34.2 51.4

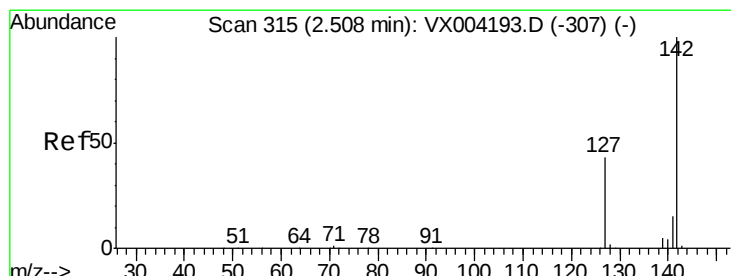
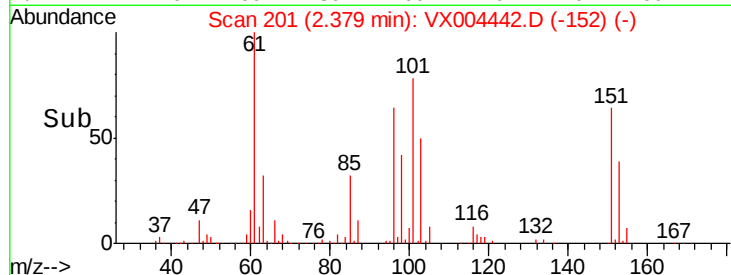
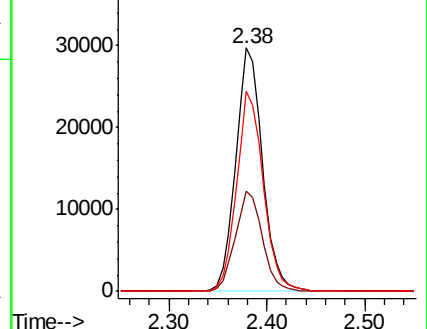
151 81.7 65.0 97.6



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: 16.41 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

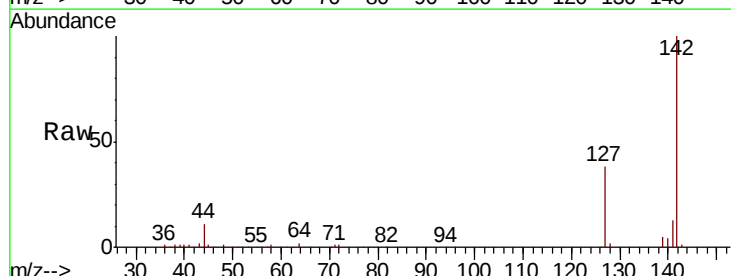
Tgt Ion:142 Resp: 46677

Ion Ratio Lower Upper

142 100

127 39.7 33.8 50.6

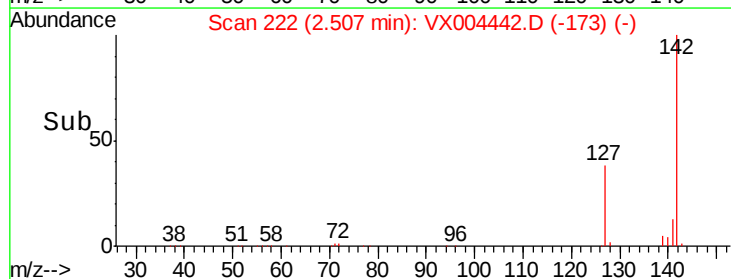
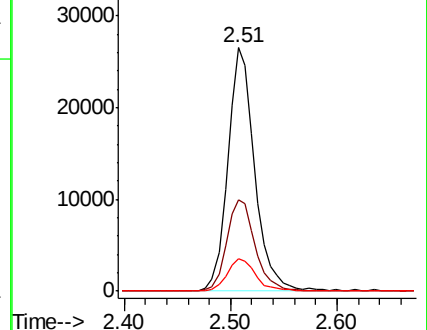
141 14.1 11.4 17.0



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

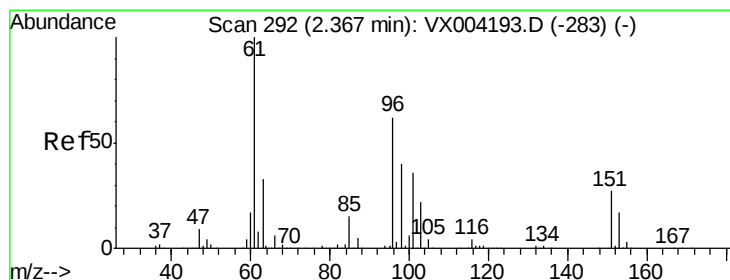
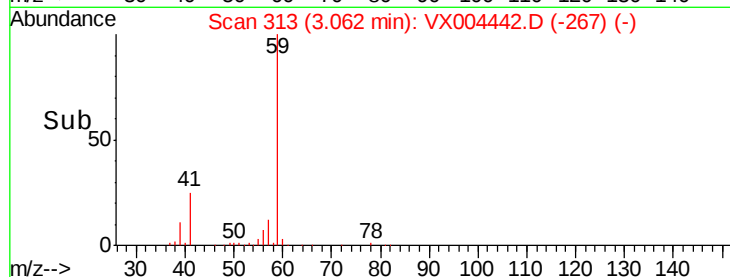
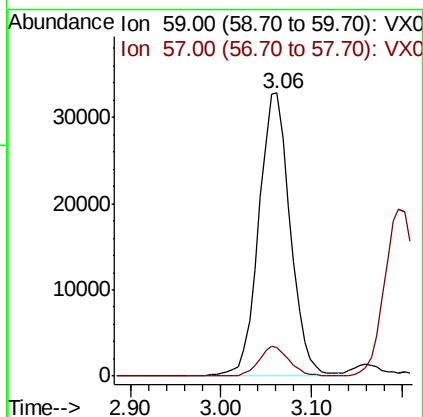
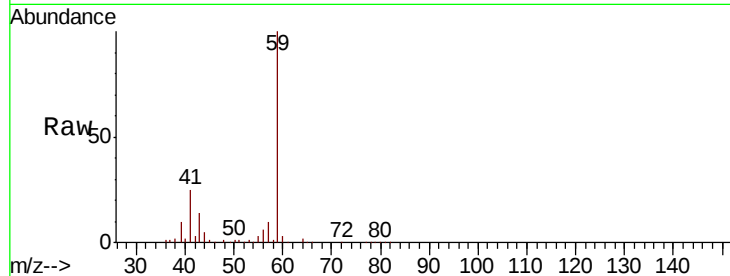




#11
Tert butyl alcohol
Concen: 102.34 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

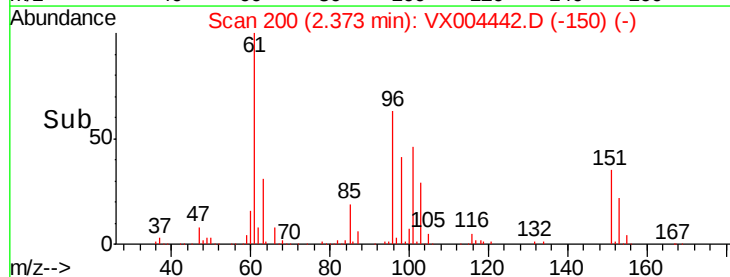
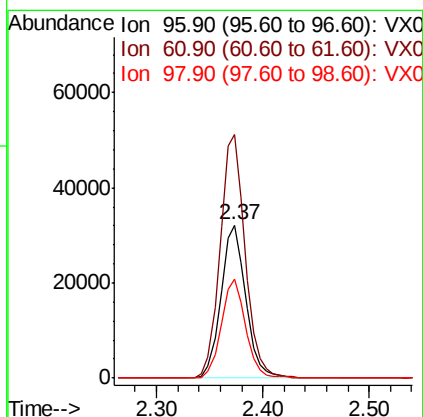
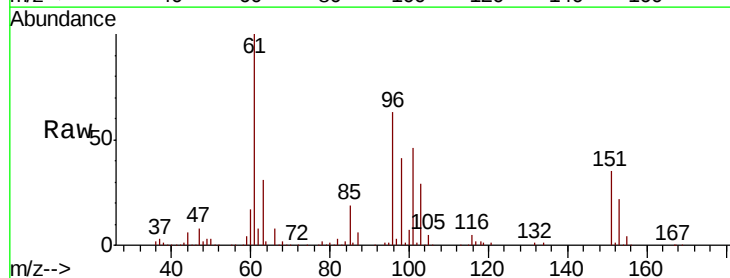
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

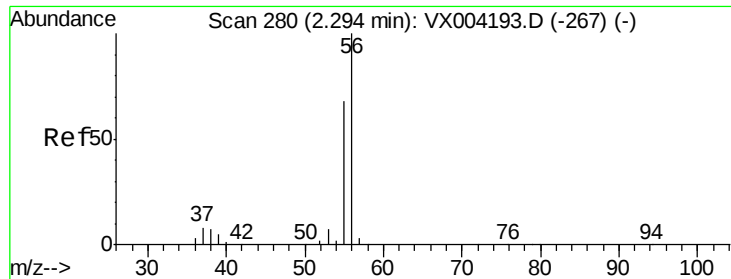
Tot Ion: 59 Resp: 78764
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.83 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion: 96 Resp: 52323
Ion Ratio Lower Upper
96 100
61 159.0 128.8 193.2
98 64.6 52.2 78.2





#13

Acrolein

Concen: 113.50 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampled :

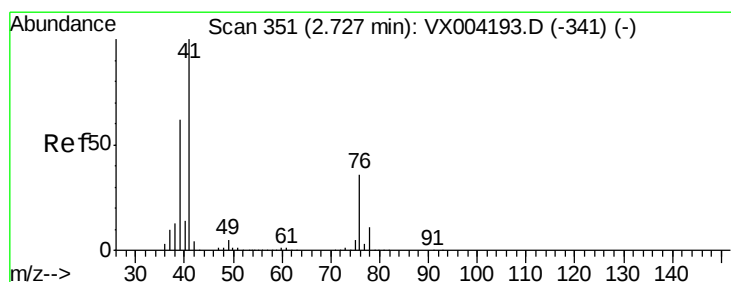
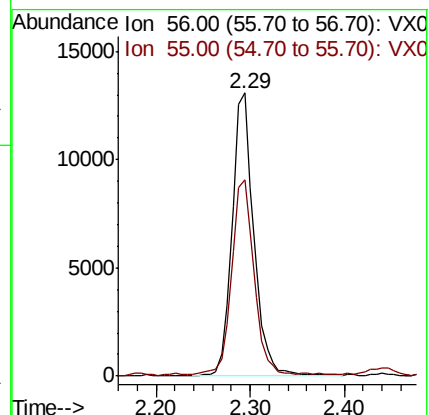
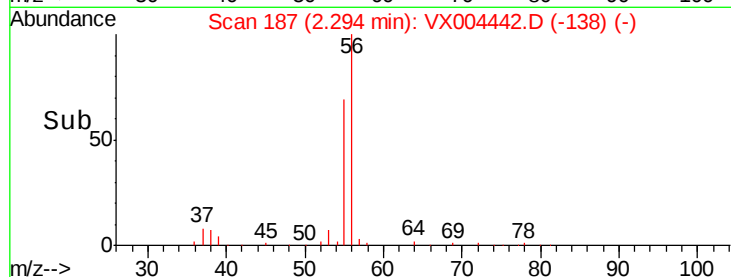
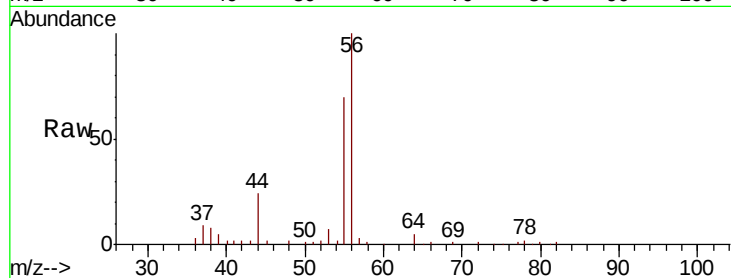
VX0910WBS01

Tot Ion: 56 Resp: 21061

Ion Ratio Lower Upper

56 100

55 69.9 54.7 82.1



#14

Allyl chloride

Concen: 20.24 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

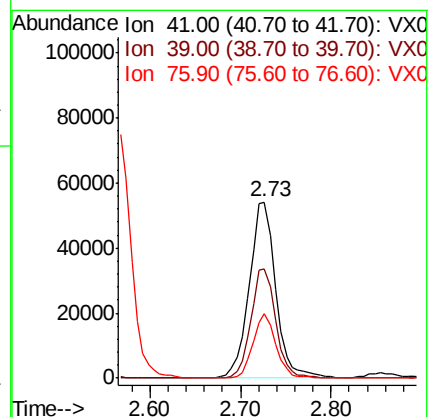
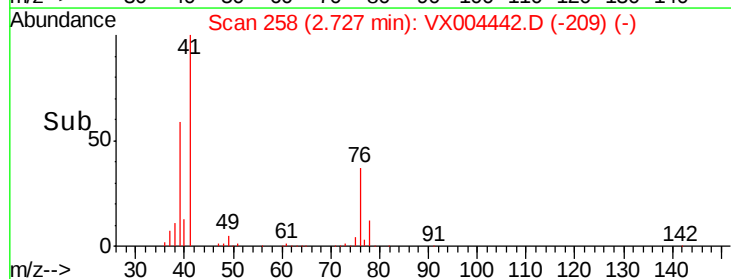
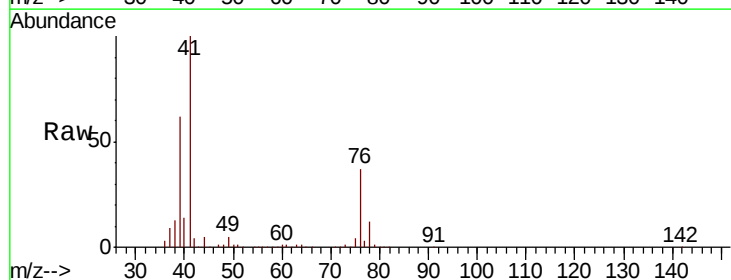
Tgt Ion: 41 Resp: 109116

Ion Ratio Lower Upper

41 100

39 58.0 48.9 73.3

76 31.8 26.7 40.1





#15

Acrylonitrile

Concen: 106.97 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampled :

VX0910WBS01

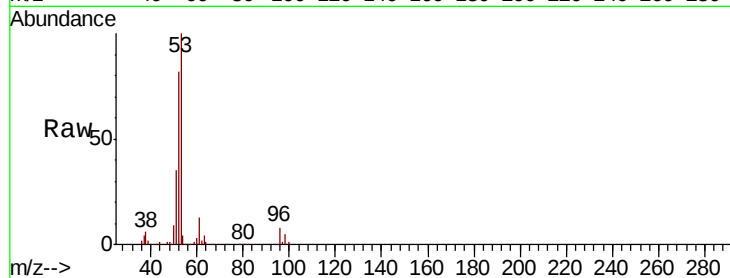
Tot Ion: 53 Resp: 203892

Ion Ratio Lower Upper

53 100

52 81.4 65.2 97.8

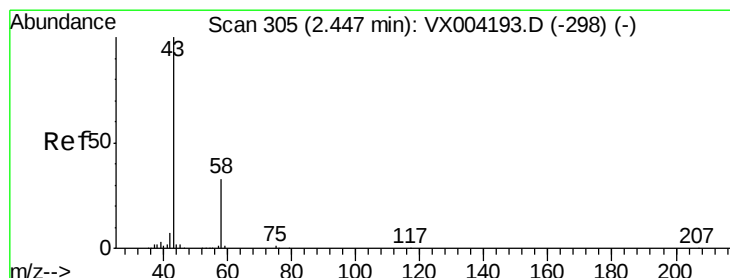
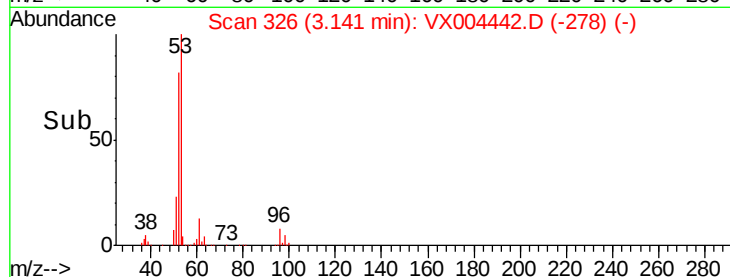
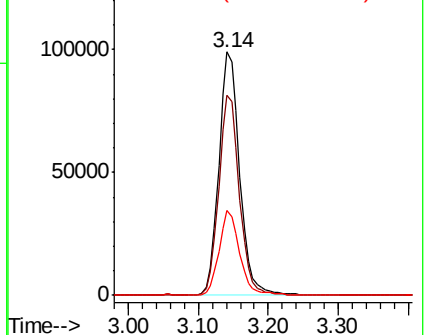
51 34.0 28.2 42.2



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: 103.13 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004442.D

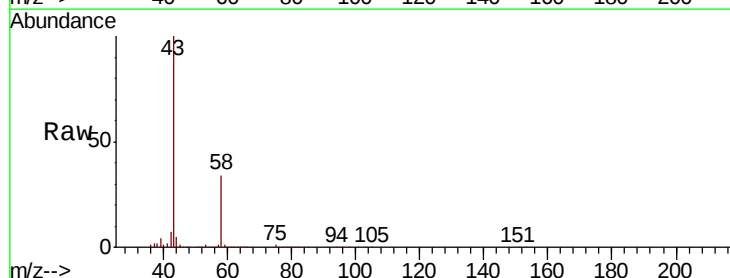
Acq: 10 Sep 2018 12:08

Tgt Ion: 43 Resp: 158994

Ion Ratio Lower Upper

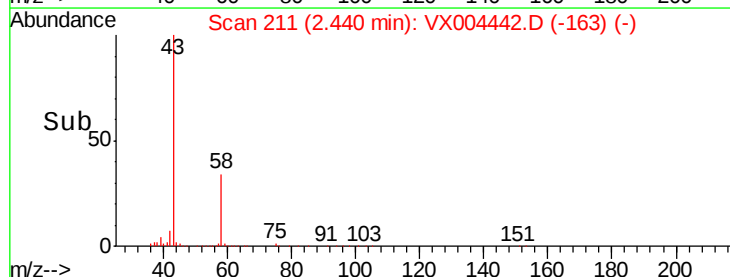
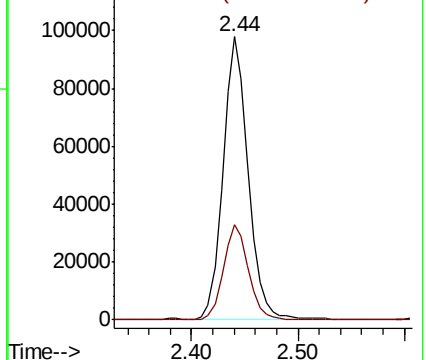
43 100

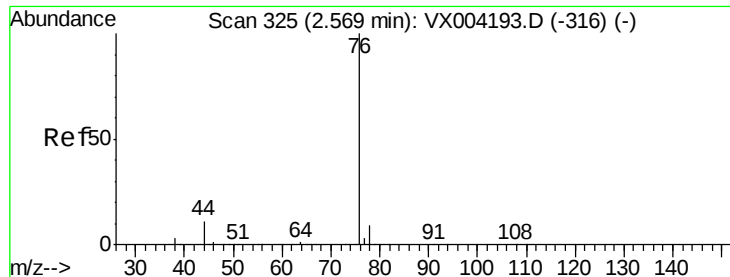
58 33.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.07 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

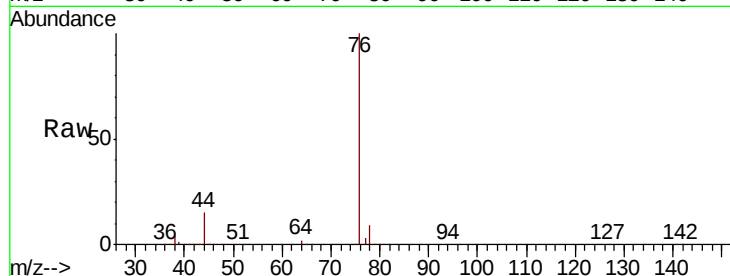
VX0910WBS01

Tot Ion: 76 Resp: 126482

Ion Ratio Lower Upper

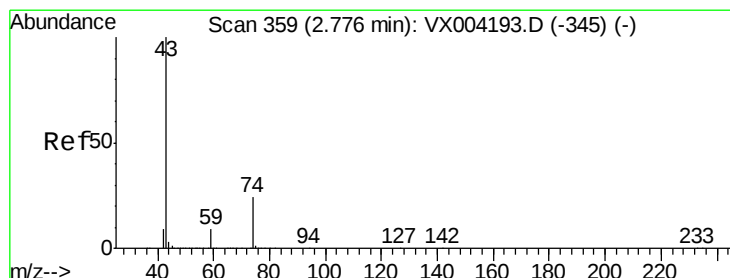
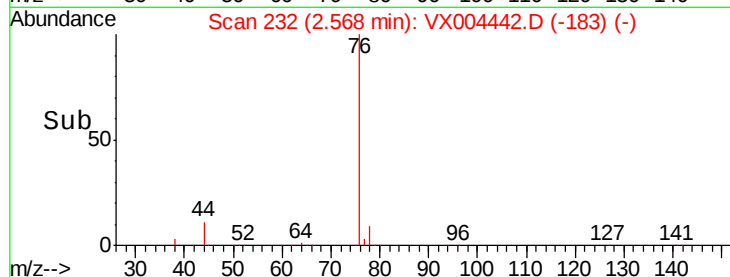
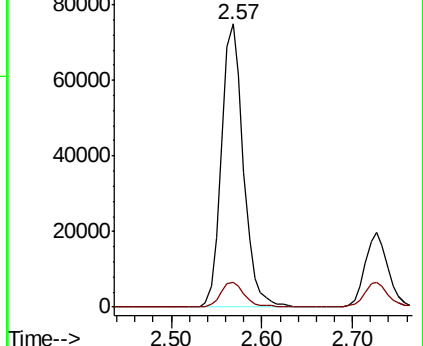
76 100

78 8.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 28.18 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004442.D

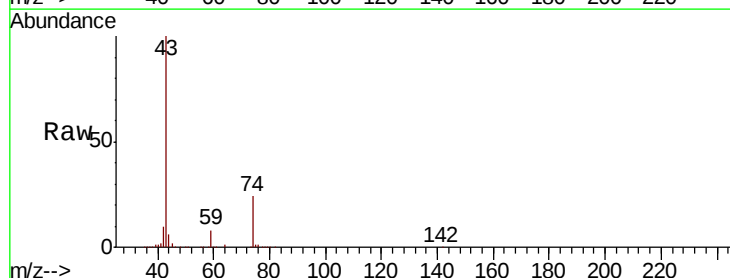
Acq: 10 Sep 2018 12:08

Tgt Ion: 43 Resp: 151015

Ion Ratio Lower Upper

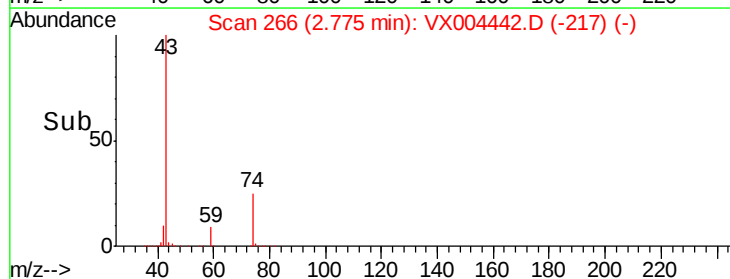
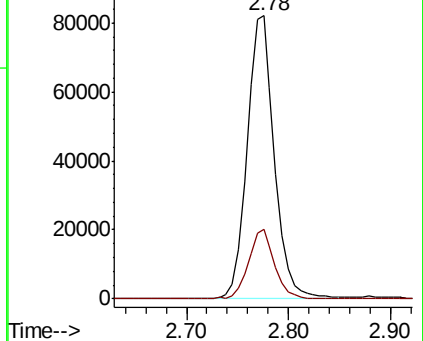
43 100

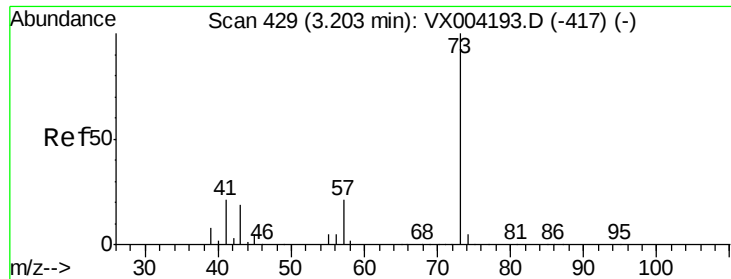
74 23.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

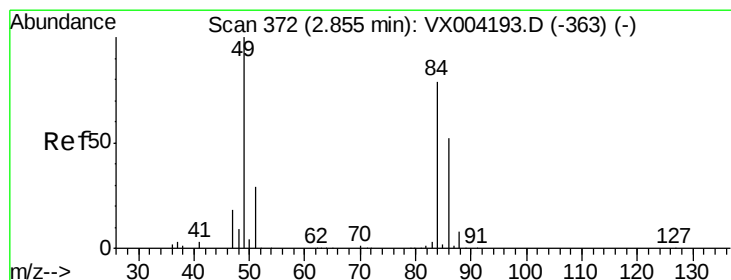
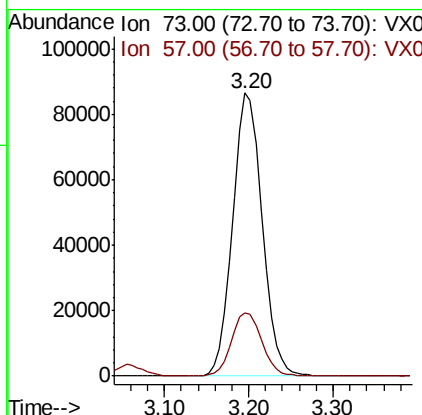
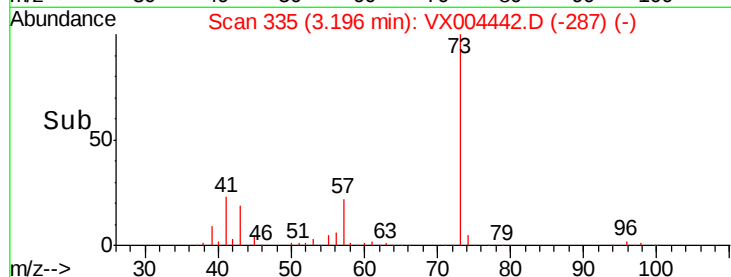
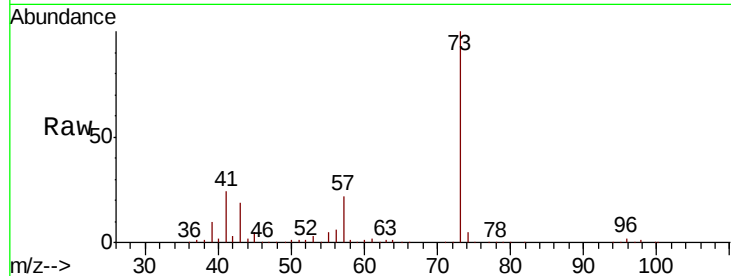




#19
Methvl tert-butvl Ether
Concen: 21.15 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

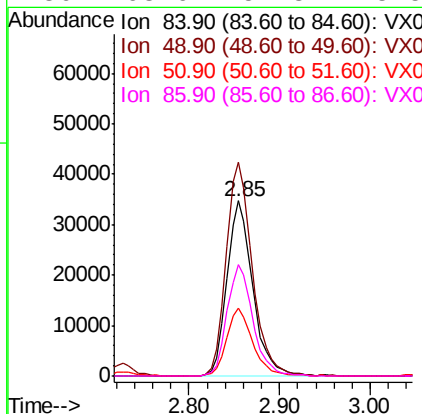
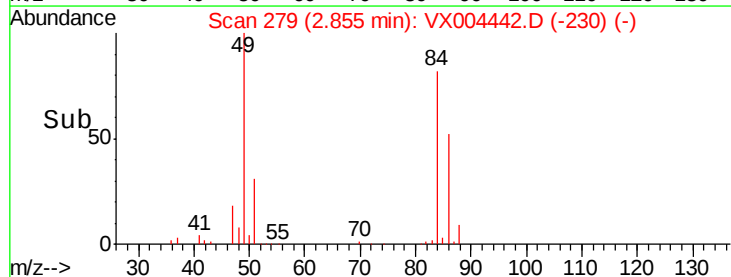
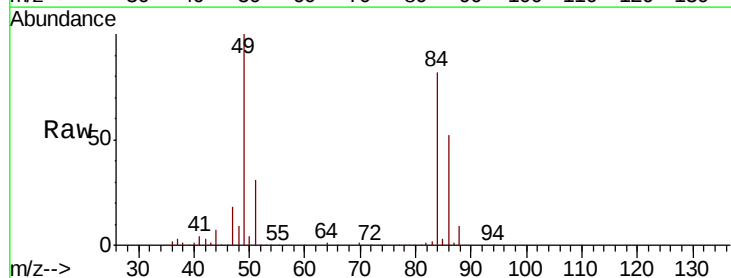
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

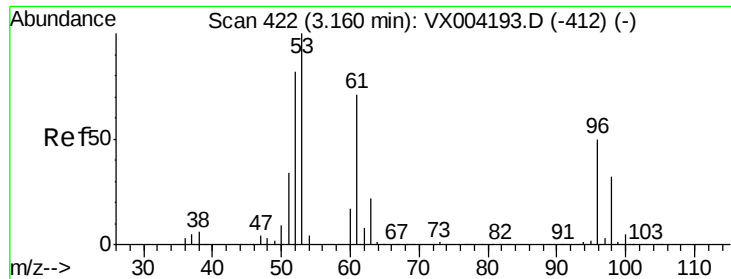
Tot Ion: 73 Resp: 204585
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7



#20
Methylene Chloride
Concen: 19.77 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion: 84 Resp: 68706
Ion Ratio Lower Upper
84 100
49 122.2 101.2 151.8
51 38.2 29.5 44.3
86 63.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.23 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

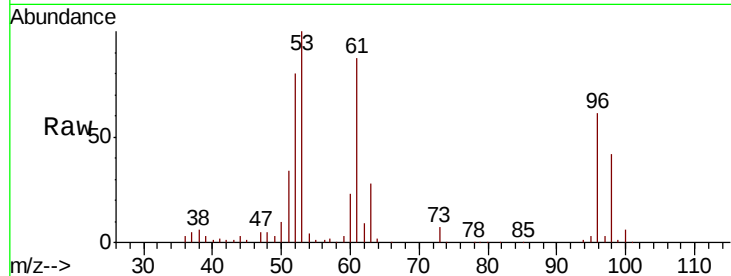
Tot Ion: 96 Resp: 59232

Ion Ratio Lower Upper

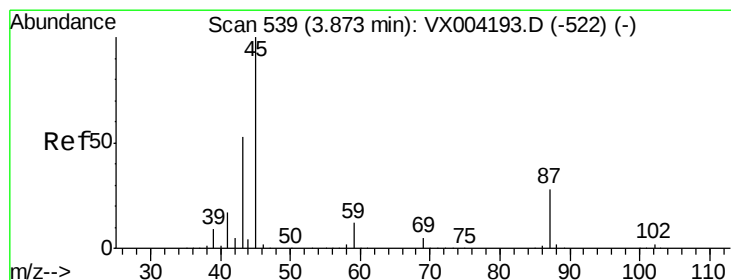
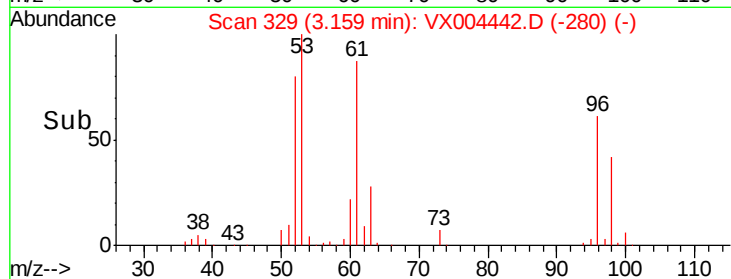
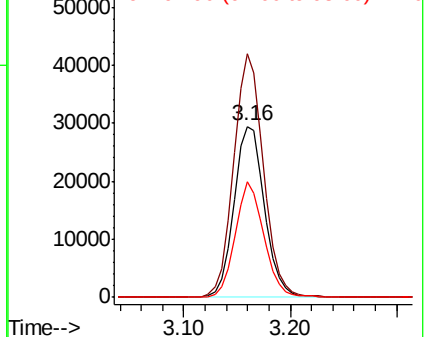
96 100

61 142.5 113.8 170.6

98 67.8 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.88 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Tgt Ion: 45 Resp: 210194

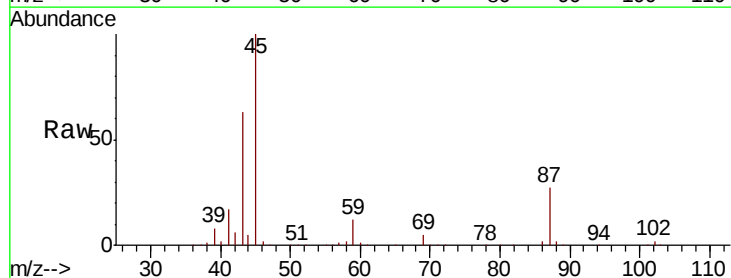
Ion Ratio Lower Upper

45 100

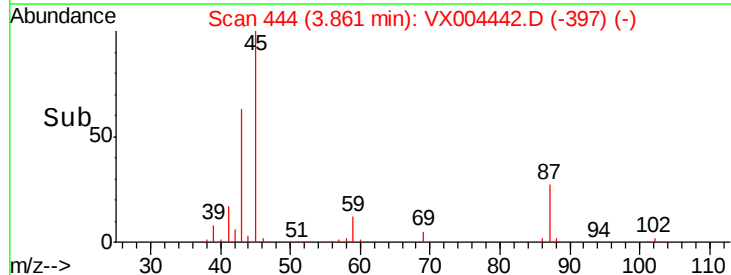
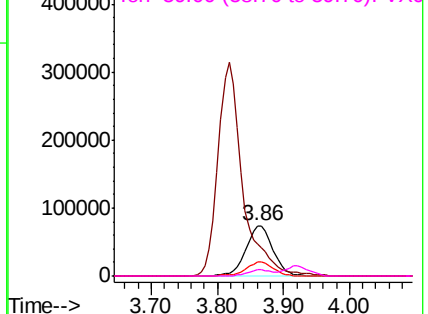
43 62.8 42.8 64.2

87 27.3 22.6 34.0

59 12.0 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

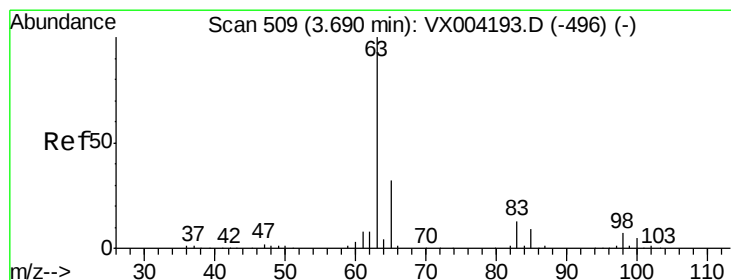
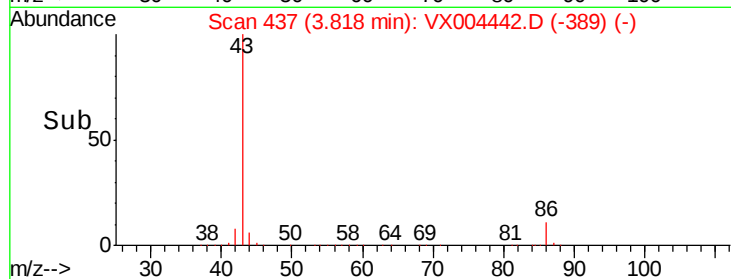
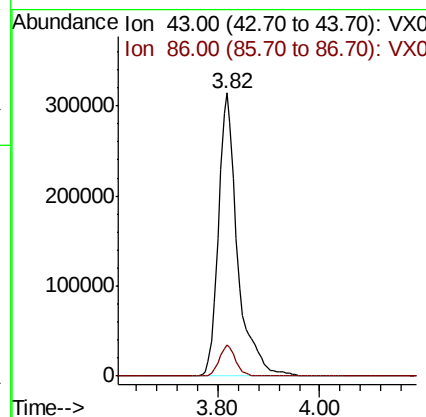
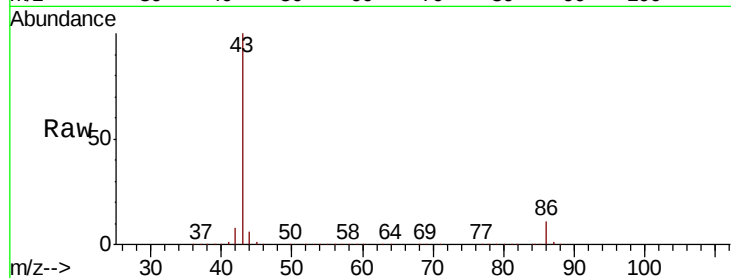




#23
 Vinyl Acetate
 Concen: 100.19 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

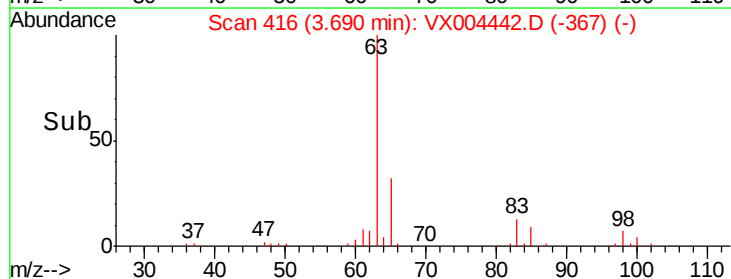
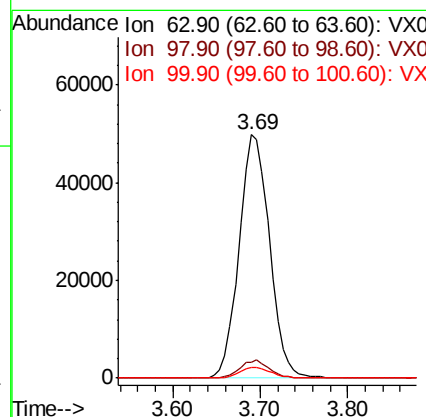
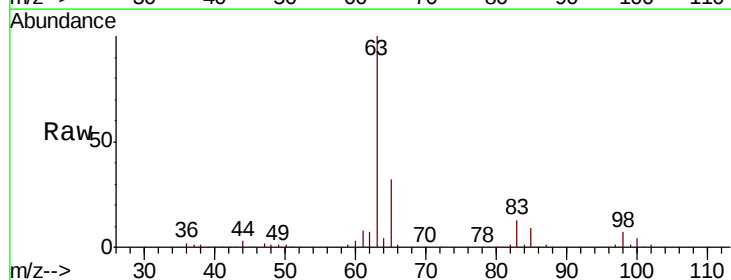
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

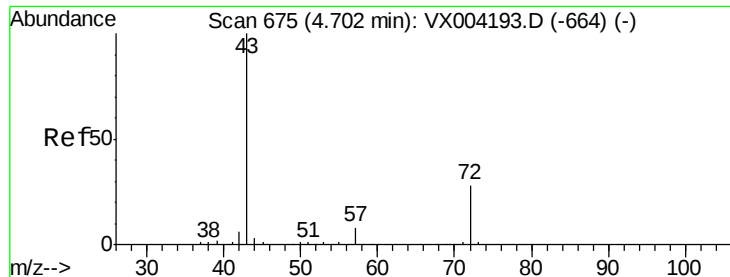
Tot Ion: 43 Resp: 817512
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 20.61 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

Tgt Ion: 63 Resp: 120927
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.4 2.4 7.1





#25

2-Butanone

Concen: 100.92 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

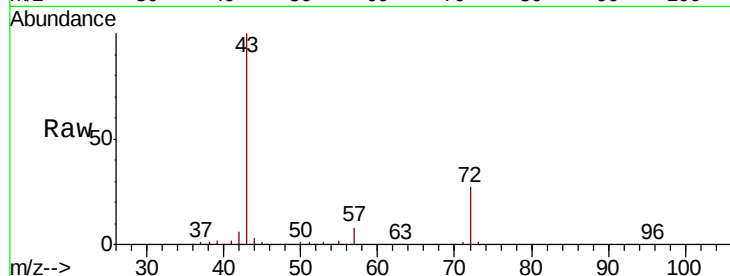
VX0910WBS01

Tot Ion: 43 Resp: 248271

Ion Ratio Lower Upper

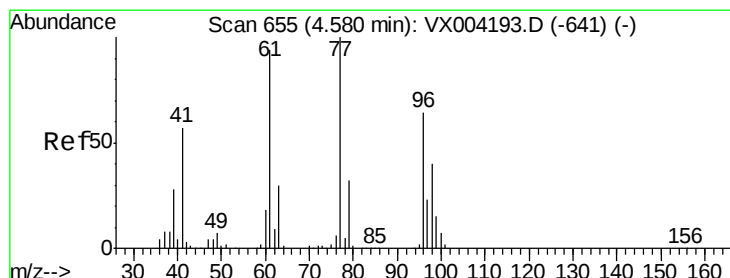
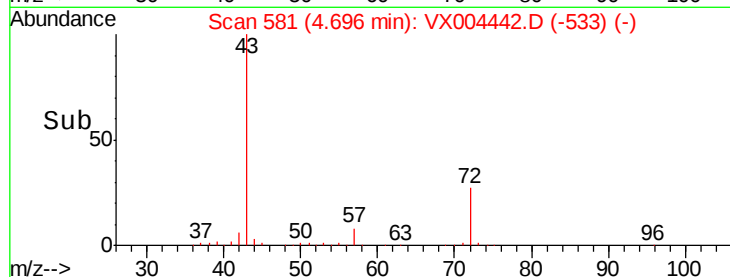
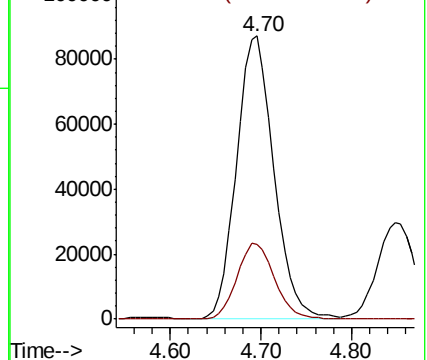
43 100

72 26.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.15 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004442.D

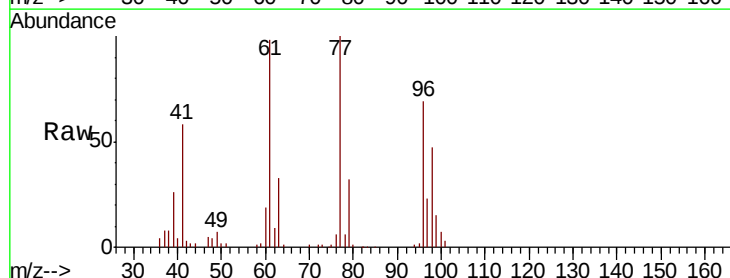
Acq: 10 Sep 2018 12:08

Tgt Ion: 77 Resp: 88116

Ion Ratio Lower Upper

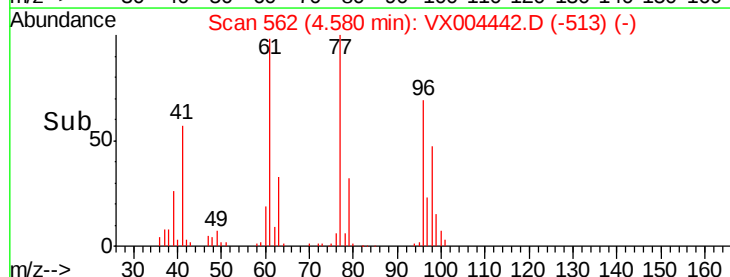
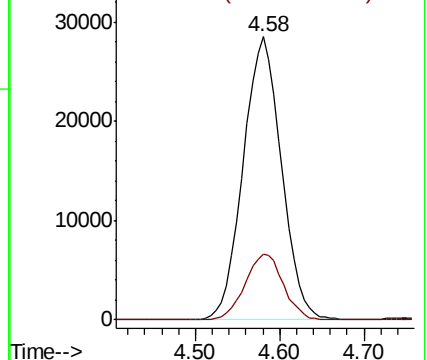
77 100

97 23.2 11.7 35.0



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: 19.00 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

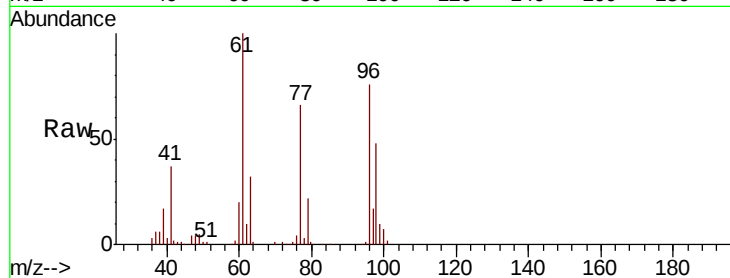
Tot Ion: 96 Resp: 69985

Ion Ratio Lower Upper

96 100

61 140.5 0.0 282.6

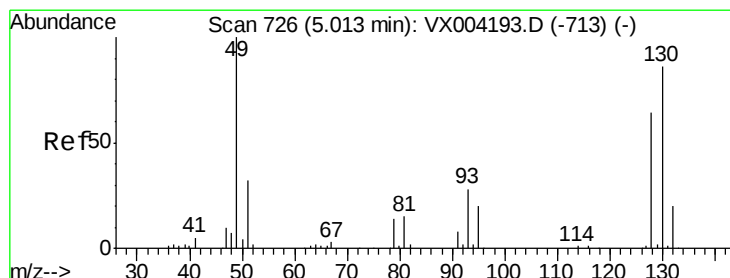
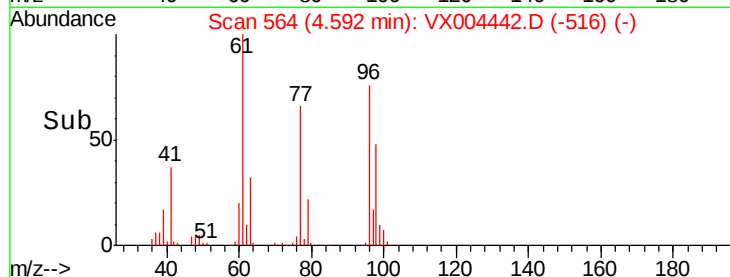
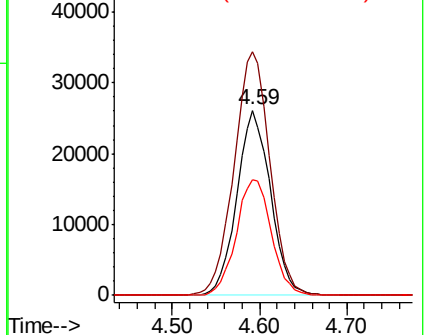
98 65.0 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 21.45 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

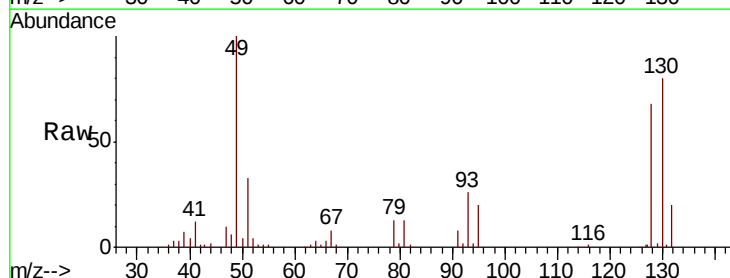
Tgt Ion: 49 Resp: 55719

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

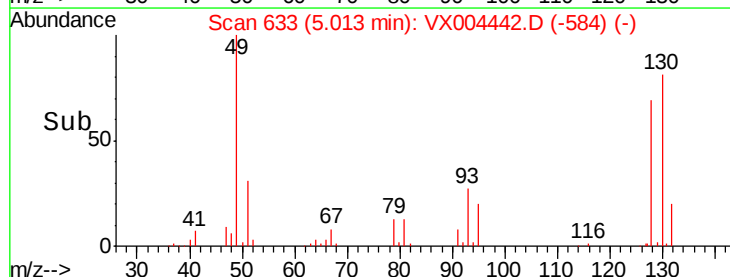
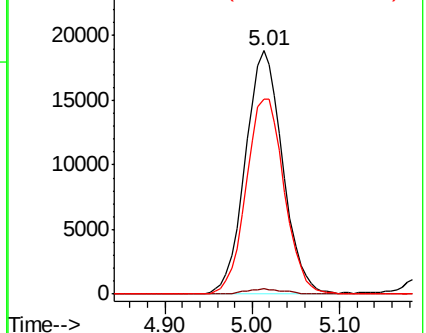
130 82.0 67.5 101.3

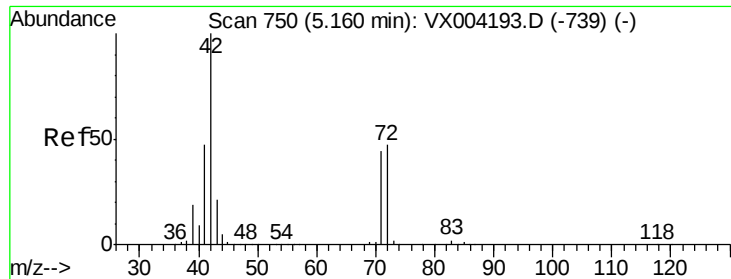


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.39 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

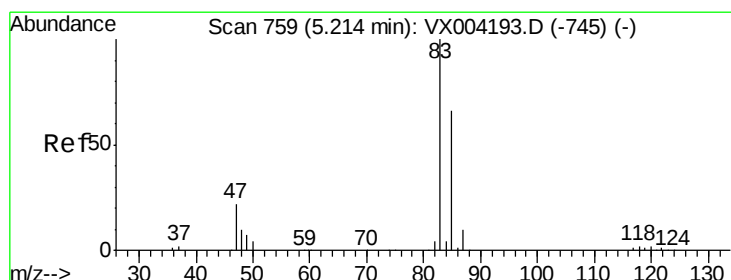
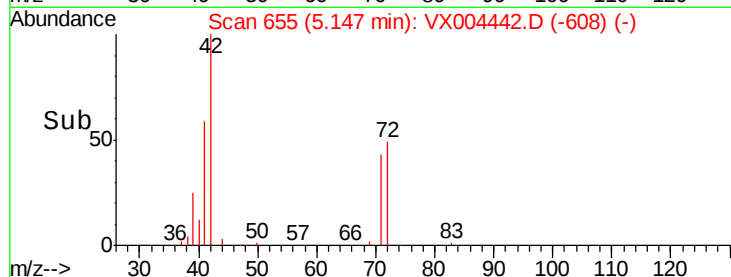
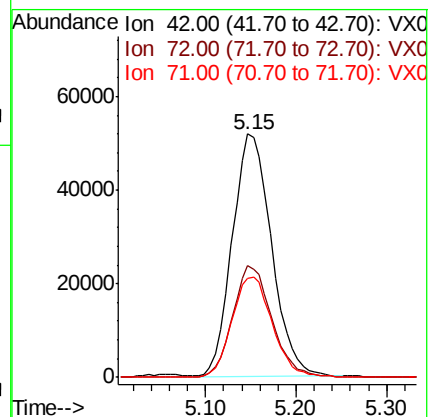
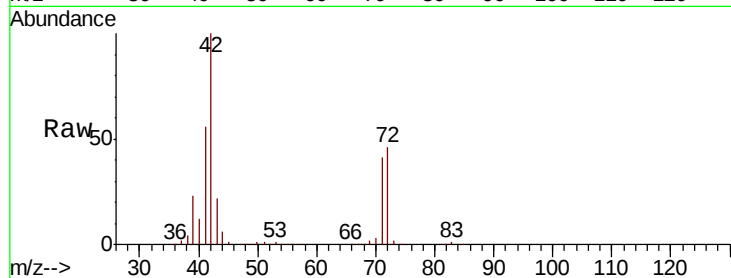
Tot Ion: 42 Resp: 155741

Ion Ratio Lower Upper

42 100

72 46.1 37.4 56.0

71 42.6 34.5 51.7



#30

Chloroform

Concen: 19.89 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004442.D

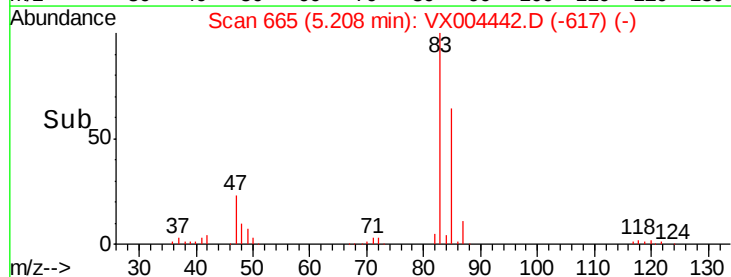
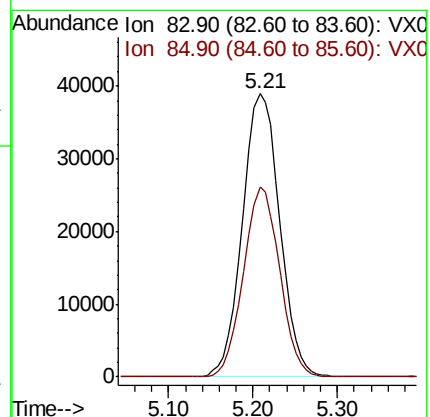
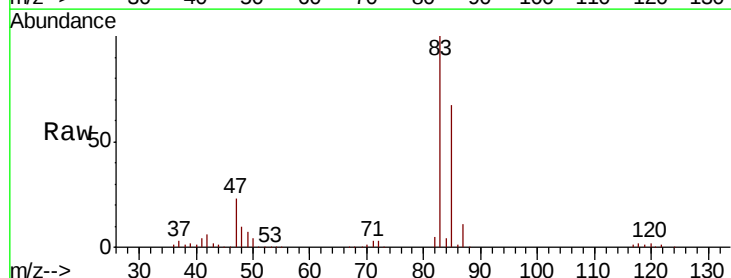
Acq: 10 Sep 2018 12:08

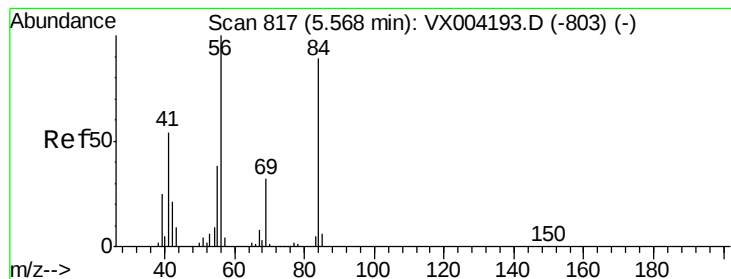
Tgt Ion: 83 Resp: 116997

Ion Ratio Lower Upper

83 100

85 66.9 52.6 79.0





#31

Cyclohexane

Concen: 16.56 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

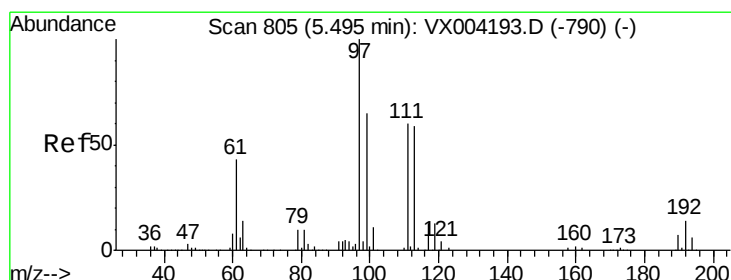
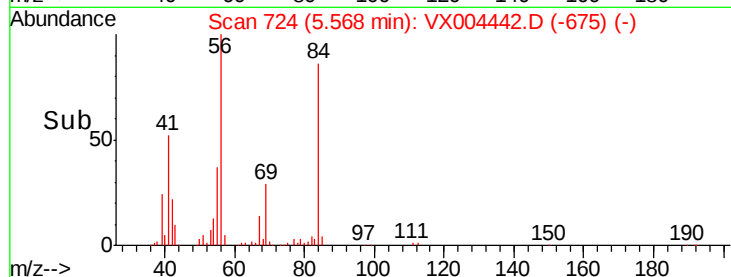
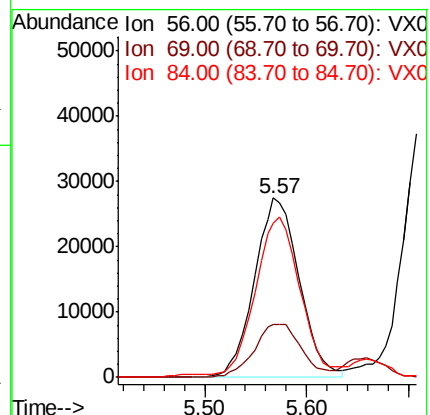
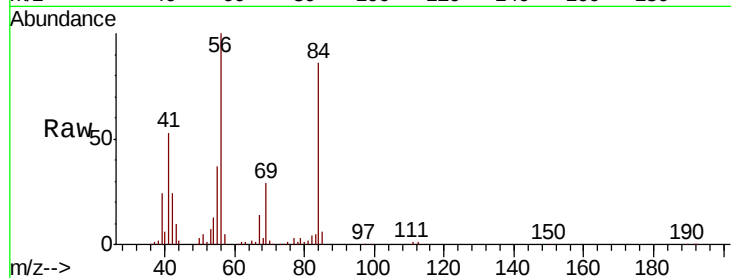
Tot Ion: 56 Resp: 83824

Ion Ratio Lower Upper

56 100

69 29.3 25.4 38.2

84 84.4 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 18.57 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

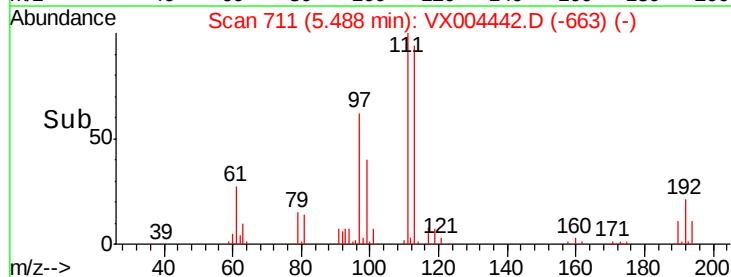
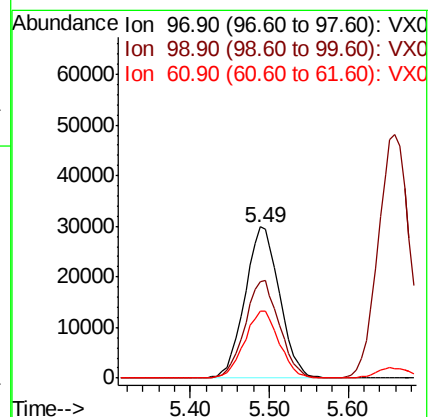
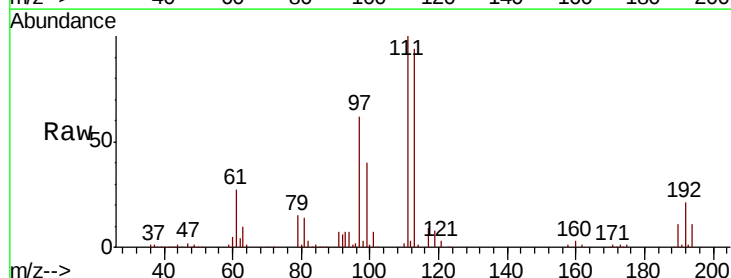
Tgt Ion: 97 Resp: 91102

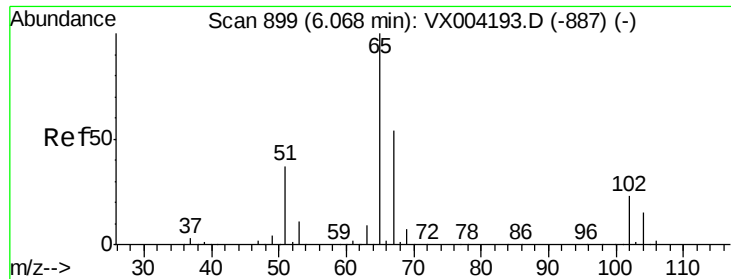
Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

61 44.4 34.9 52.3

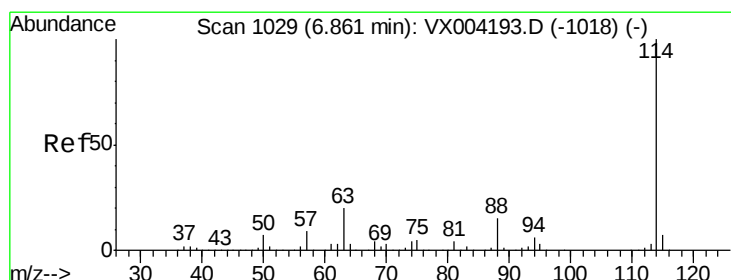
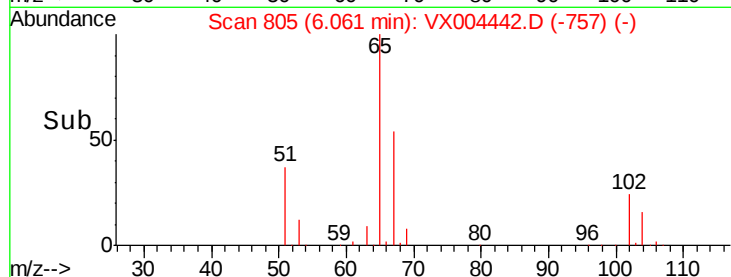
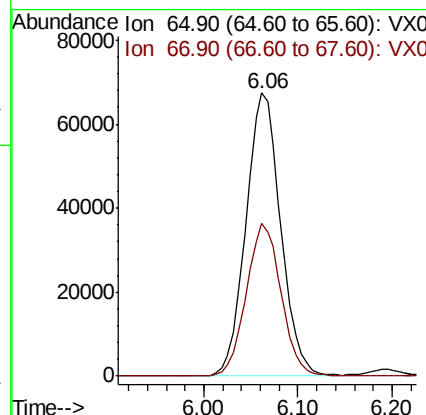
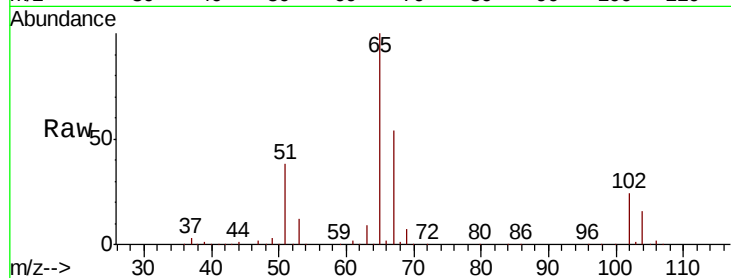




#33
 1,2-Dichloroethane-d4
 Concen: 48.27 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

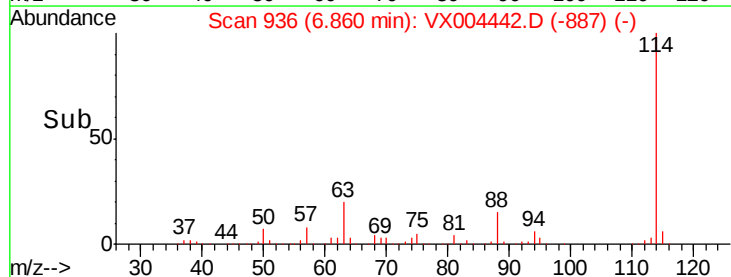
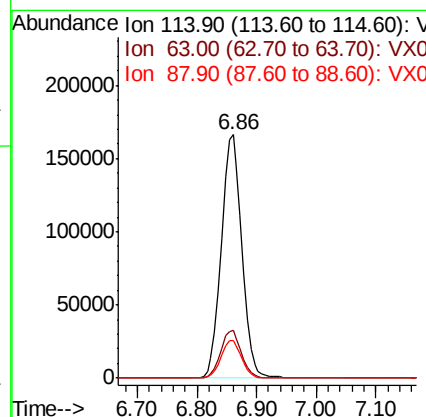
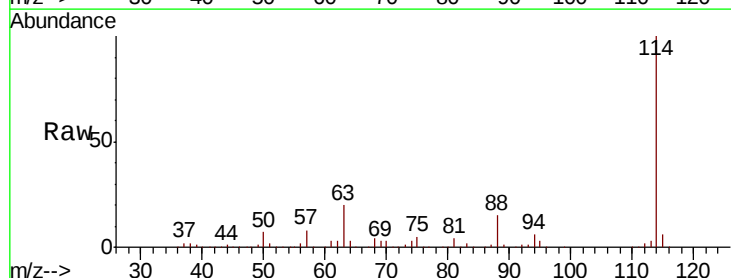
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Tot Ion: 65 Resp: 174269
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

Tgt Ion: 114 Resp: 398115
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.2 0.0 30.4

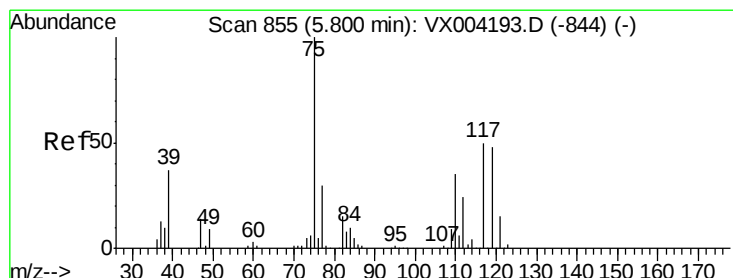
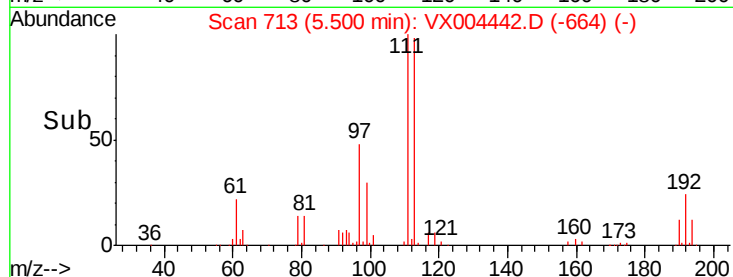
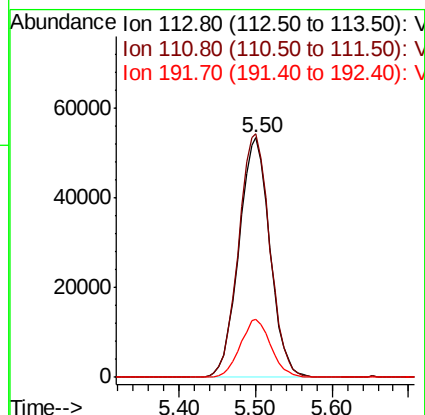
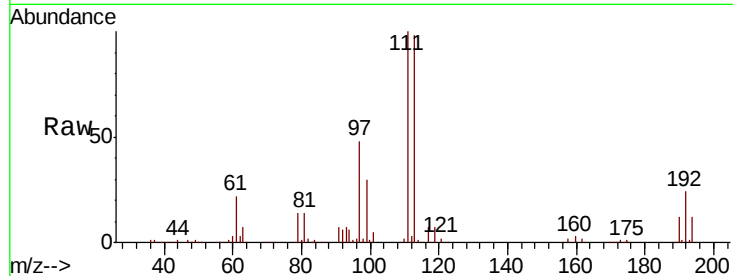




#35
 Dibromofluoromethane
 Concen: 50.69 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

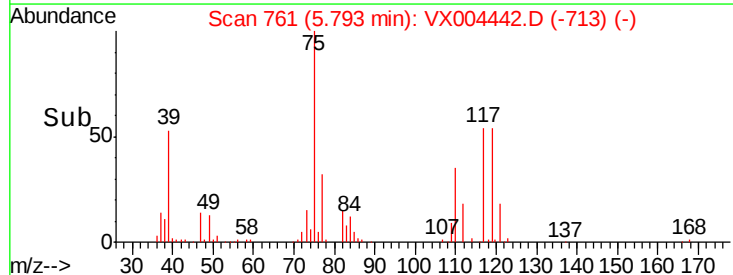
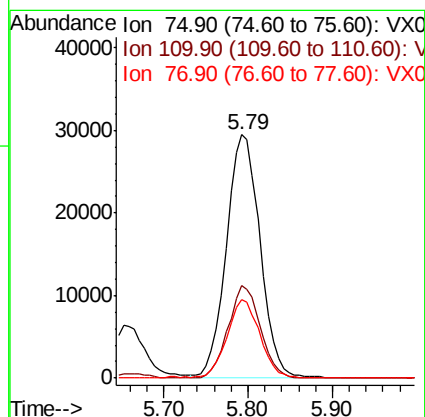
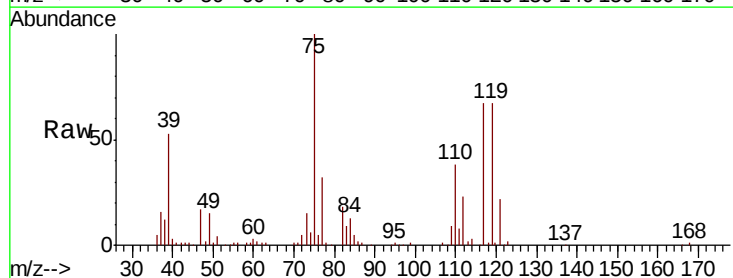
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

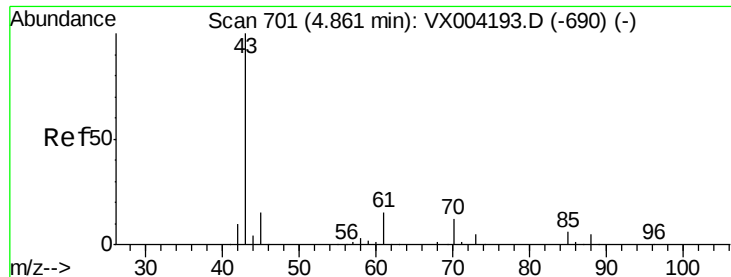
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	23.9	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 17.85 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.0	54.0
77	31.5	24.6	36.8

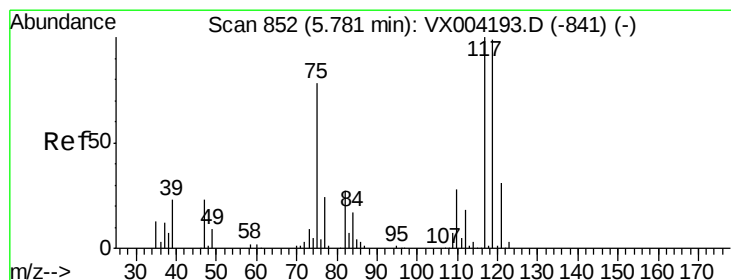
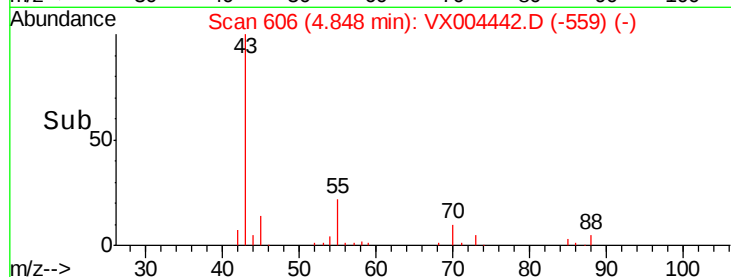
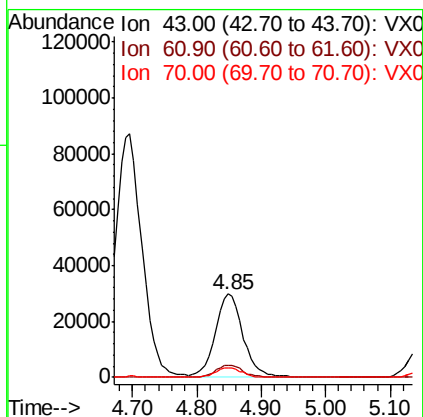
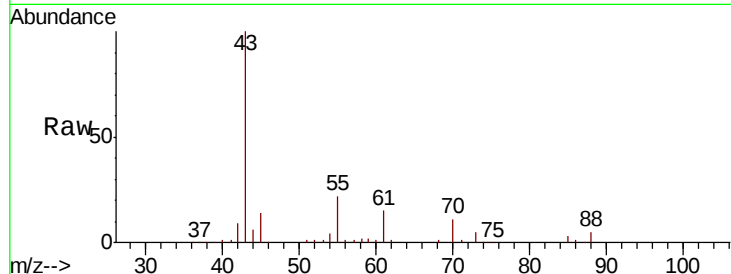




#37
Ethyl Acetate
Concen: 20.28 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

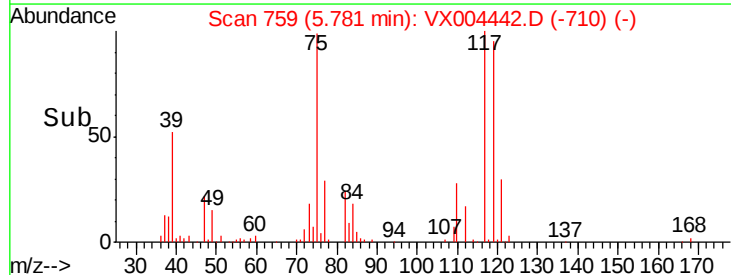
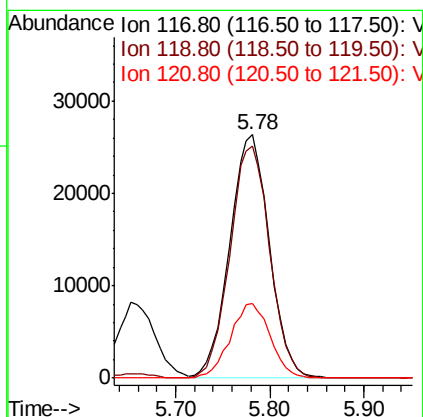
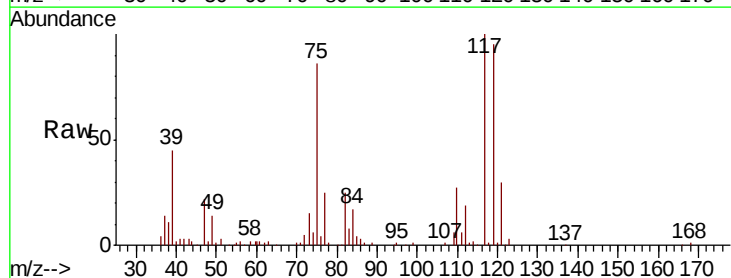
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion: 43 Resp: 89272
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.35 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion: 117 Resp: 77267
Ion Ratio Lower Upper
117 100
119 95.1 78.8 118.2
121 30.5 24.9 37.3

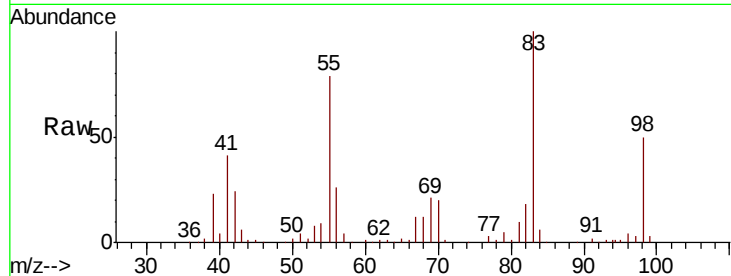




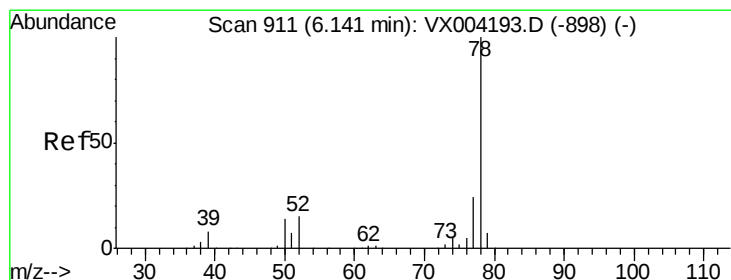
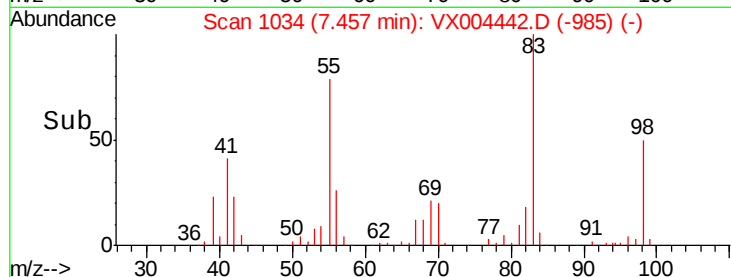
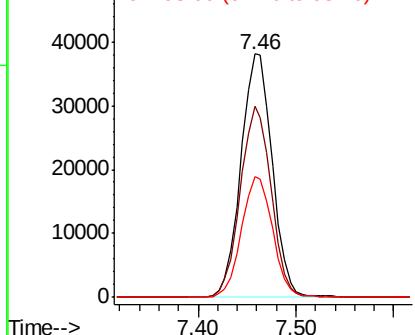
#39
Methvlcvclohexane
Concen: 16.57 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion: 83 Resp: 84686
Ion Ratio Lower Upper
83 100
55 78.7 61.0 91.4
98 49.8 39.6 59.4

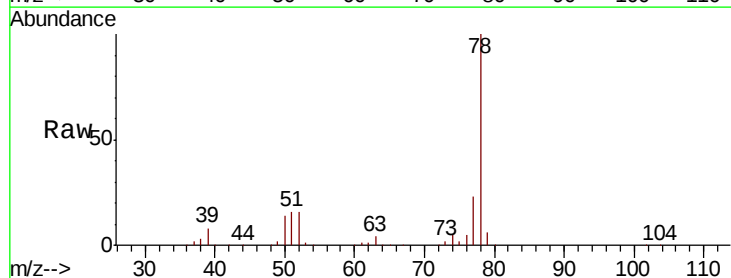


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

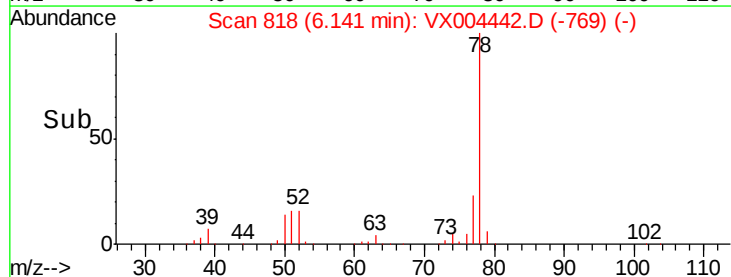
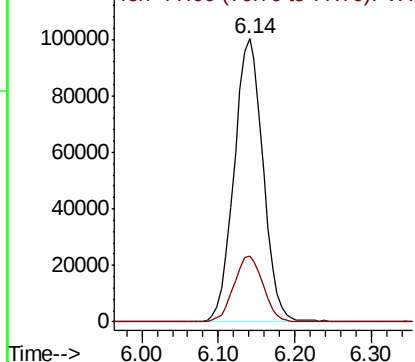


#40
Benzene
Concen: 19.58 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion: 78 Resp: 261905
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4



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

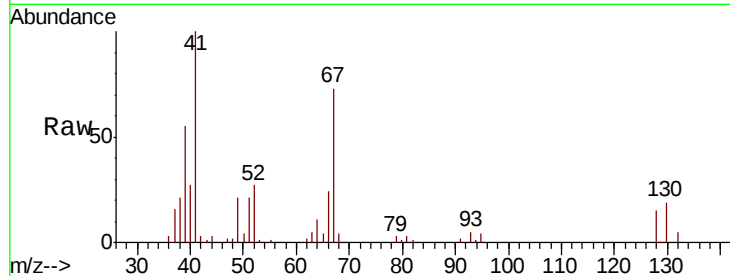




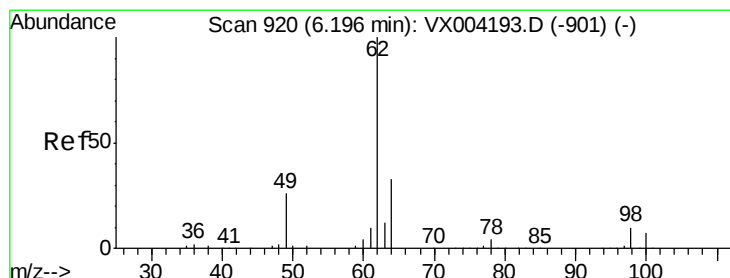
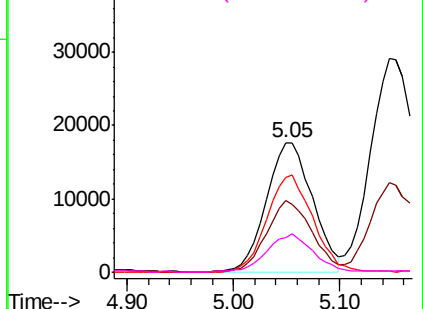
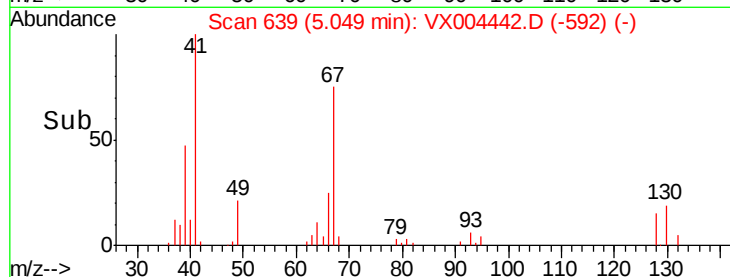
#41
Methacrylonitrile
Concen: 20.88 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Instrument :
MSVOA_X
ClientSampled :
VX0910WBS01

Tot Ion:	41	Resp:	53265
Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.4	63.6
67	74.5	59.2	88.8
52	29.9	23.0	34.4

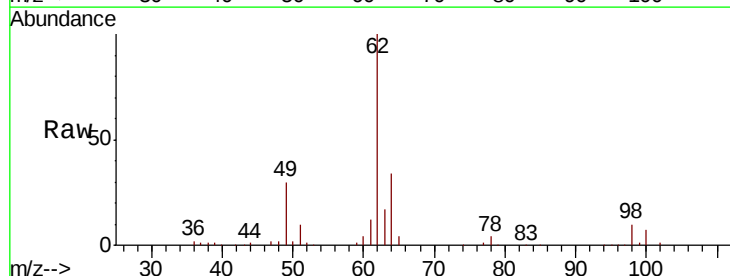


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

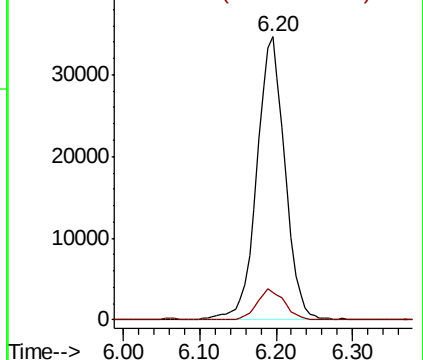
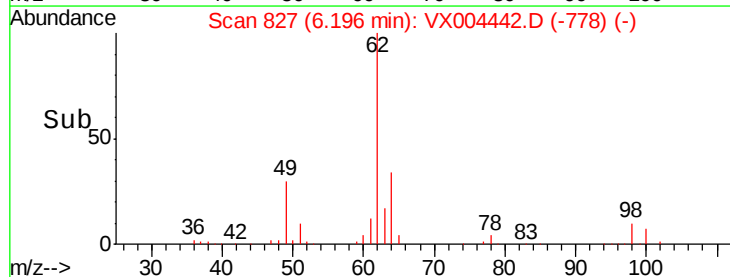


#42
1,2-Dichloroethane
Concen: 19.54 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion:	62	Resp:	89130
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



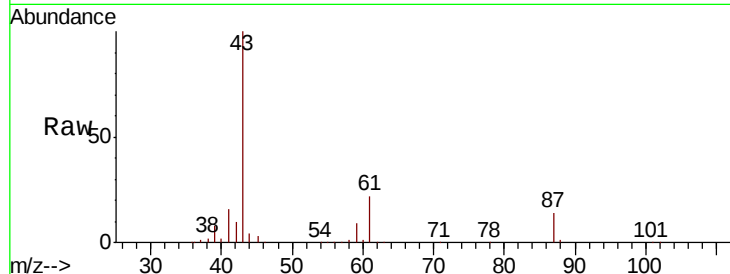


#43

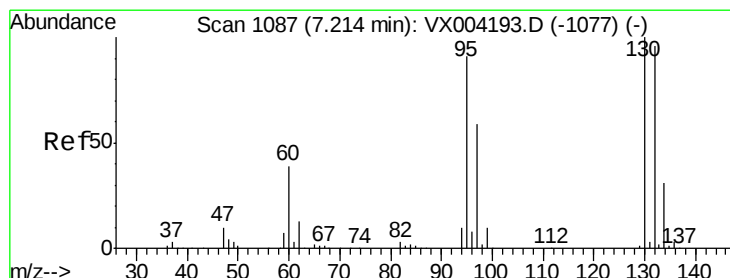
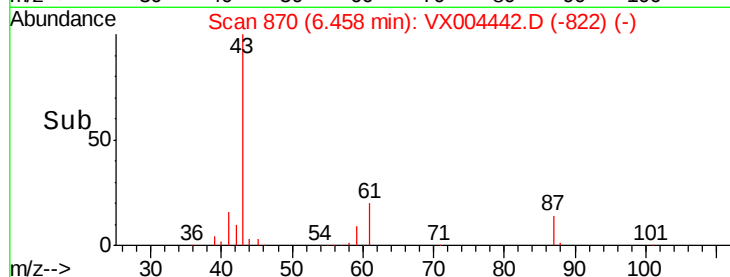
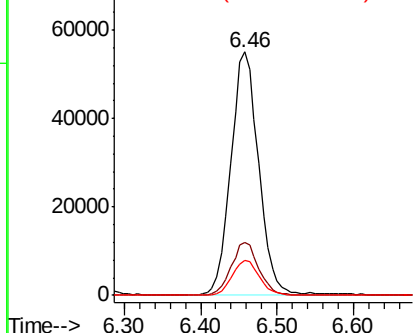
Isopropyl Acetate
 Concen: 20.43 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Tot Ion	43	Resp	138200
Ion Ratio	Lower	Upper	
43	100		
61	21.6	17.0	25.4
87	14.1	11.4	17.2



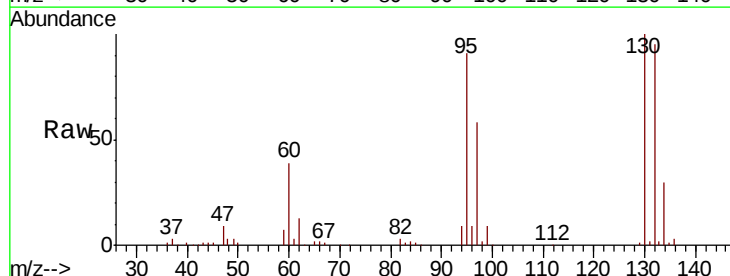
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



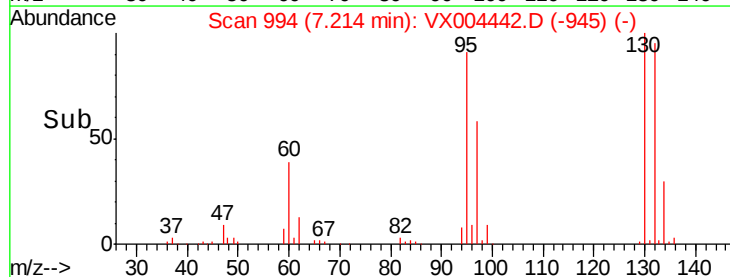
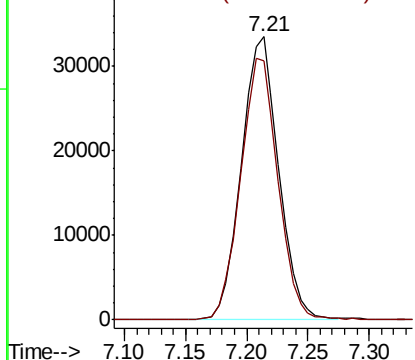
#44

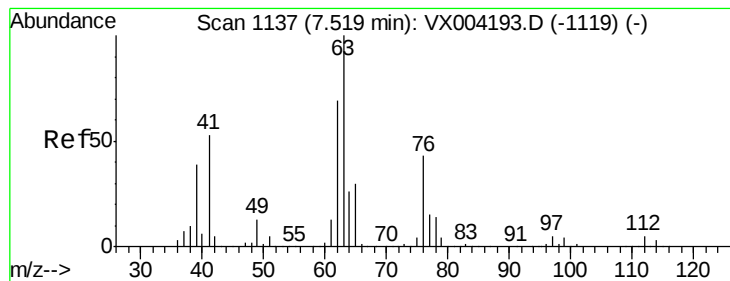
Trichloroethene
 Concen: 19.14 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

Tgt Ion	130	Resp	70868
Ion Ratio	Lower	Upper	
130	100		
95	91.5	0.0	181.6



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





#45

1,2-Dichloropropane

Concen: 21.00 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

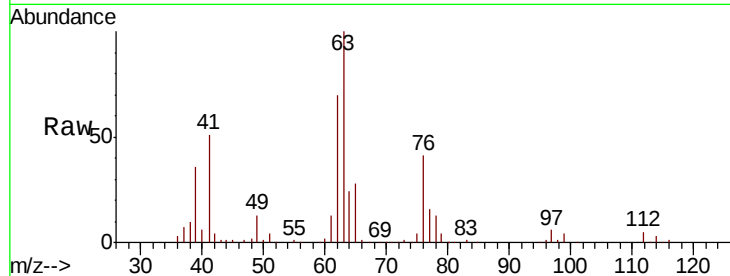
VX0910WBS01

Tot Ion: 63 Resp: 70295

Ion Ratio Lower Upper

63 100

65 28.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

40000

30000

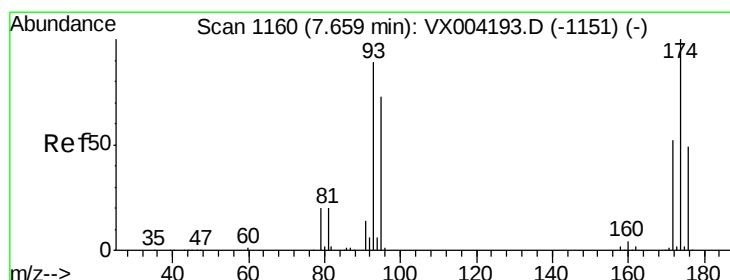
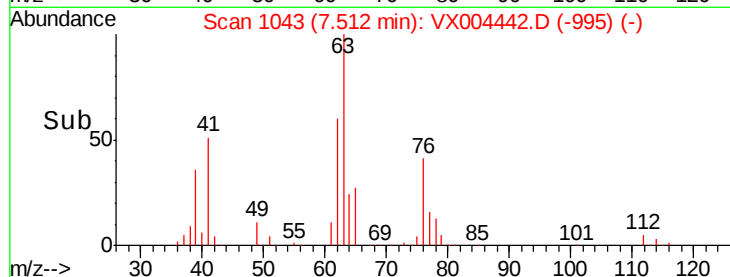
20000

10000

0

Time-->

7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 19.78 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

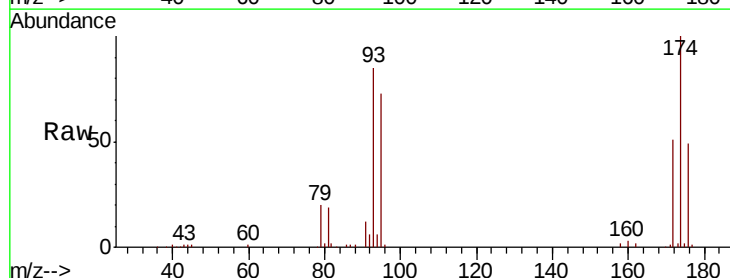
Tgt Ion: 93 Resp: 44077

Ion Ratio Lower Upper

93 100

95 84.2 65.5 98.3

174 118.9 94.2 141.4



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

30000

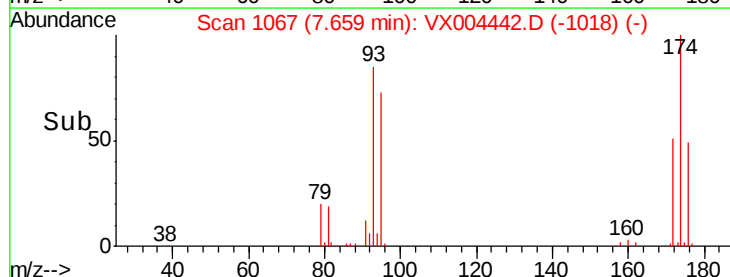
20000

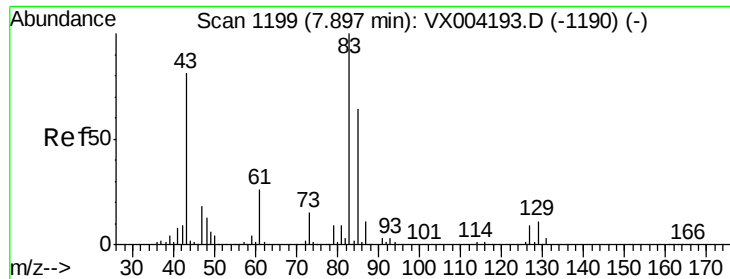
10000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 20.48 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

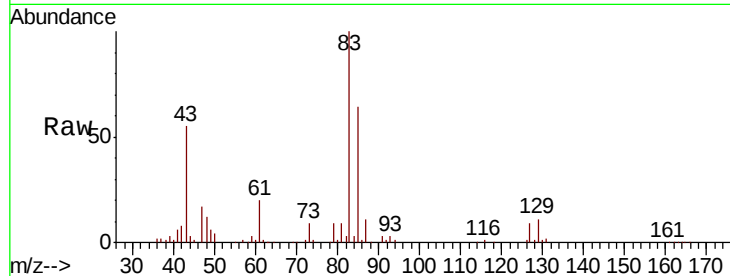
Tot Ion: 83 Resp: 84948

Ion Ratio Lower Upper

83 100

85 63.8 50.9 76.3

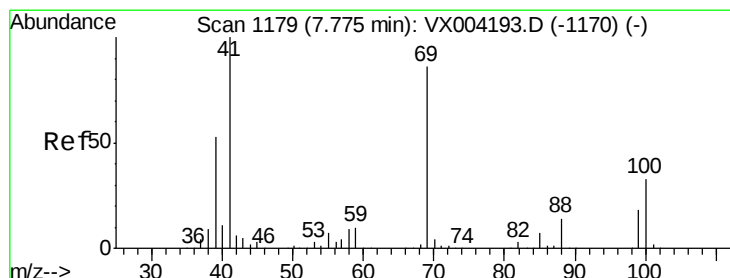
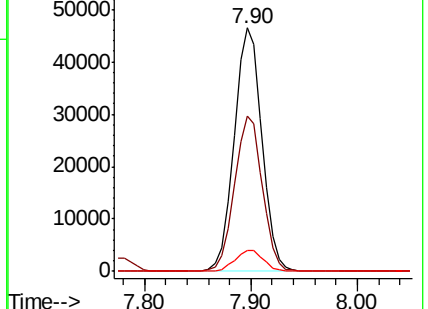
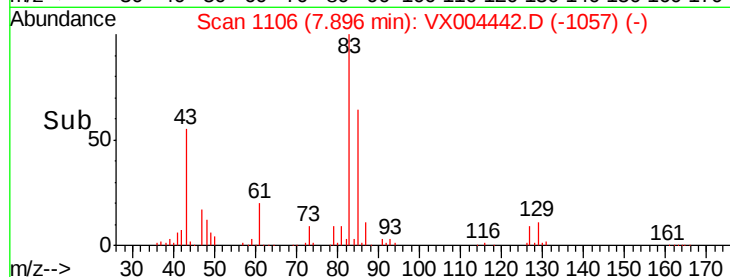
127 8.8 7.3 10.9



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: 20.26 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

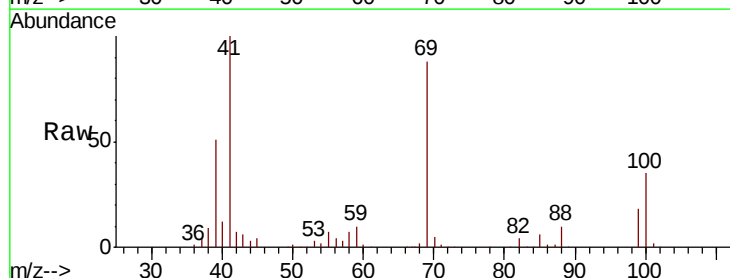
Tgt Ion: 41 Resp: 73309

Ion Ratio Lower Upper

41 100

69 87.6 70.2 105.4

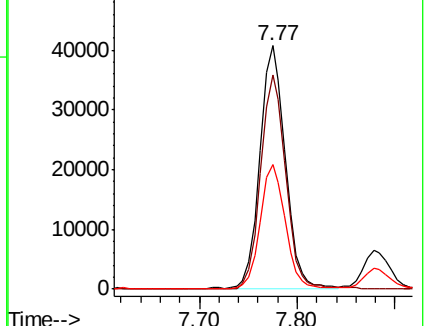
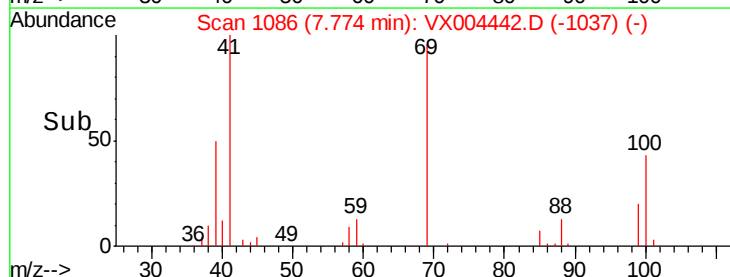
39 51.5 42.7 64.1

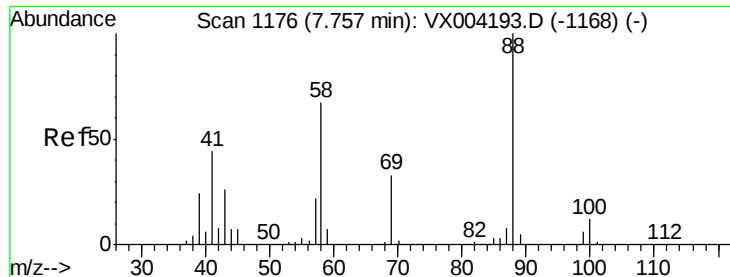


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

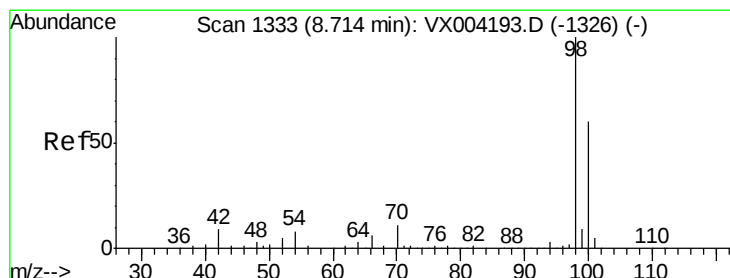
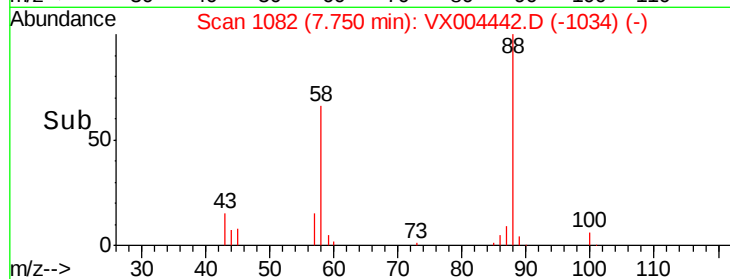
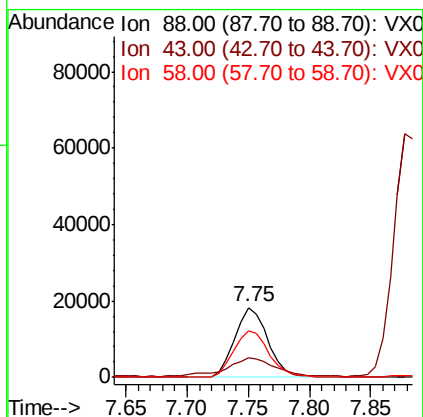
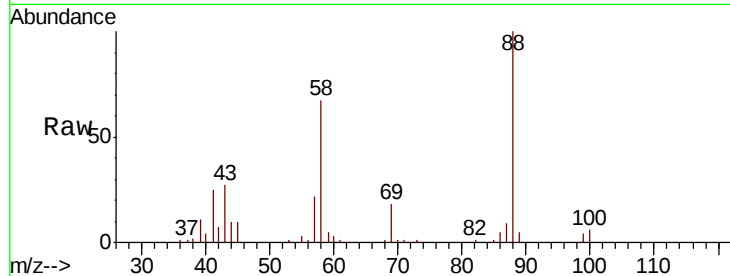




#49
 1,4-Dioxane
 Concen: 417.34 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

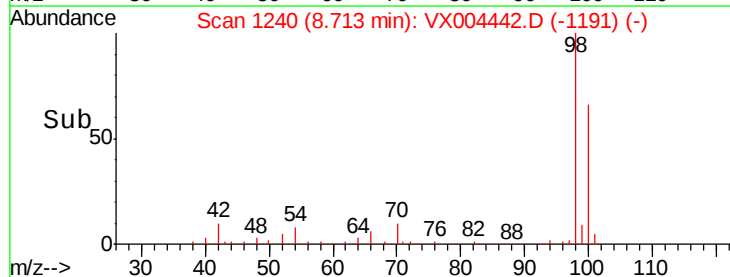
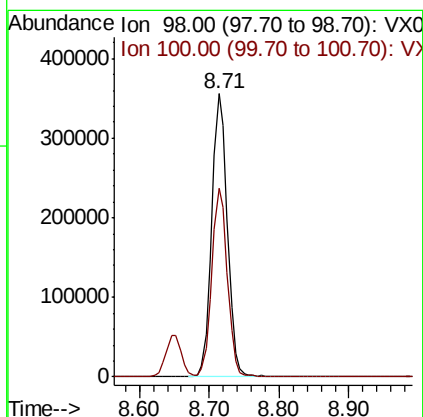
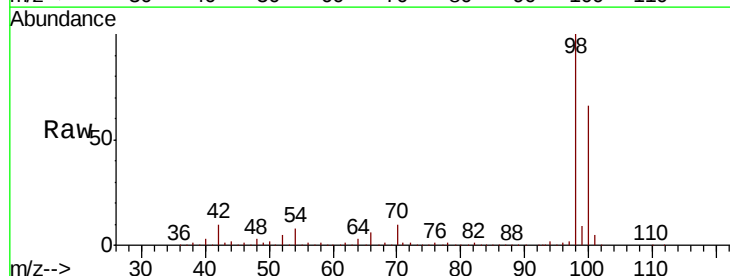
Instrument :
 MSVOA_X
 ClientSampled :
 VX0910WBS01

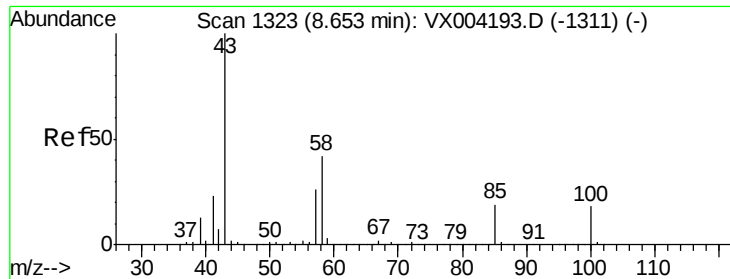
Tot Ion: 88 Resp: 34293
 Ion Ratio Lower Upper
 88 100
 43 38.1 24.7 37.1#
 58 71.5 55.3 82.9



#50
 Toluene-d8
 Concen: 49.28 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

Tgt Ion: 98 Resp: 550885
 Ion Ratio Lower Upper
 98 100
 100 67.0 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 98.91 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

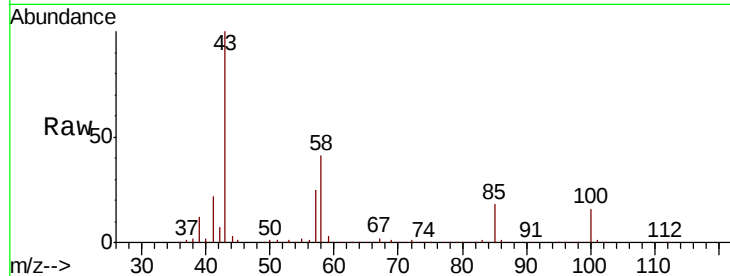
VX0910WBS01

Tot Ion: 43 Resp: 486088

Ion Ratio Lower Upper

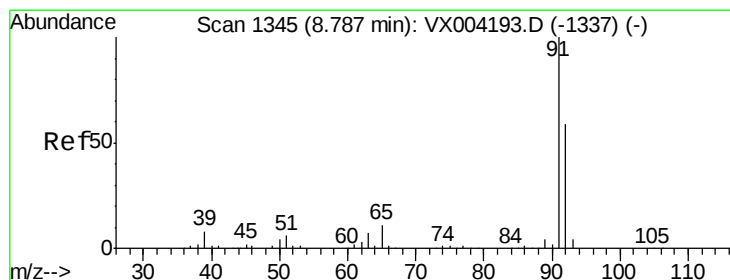
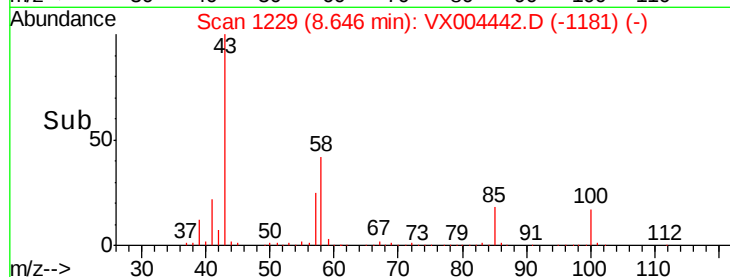
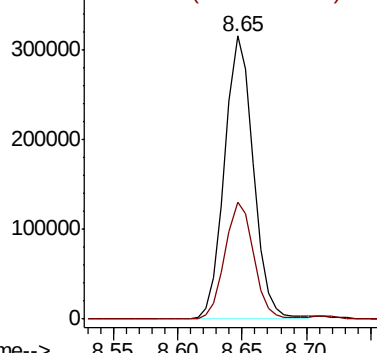
43 100

58 41.3 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.88 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004442.D

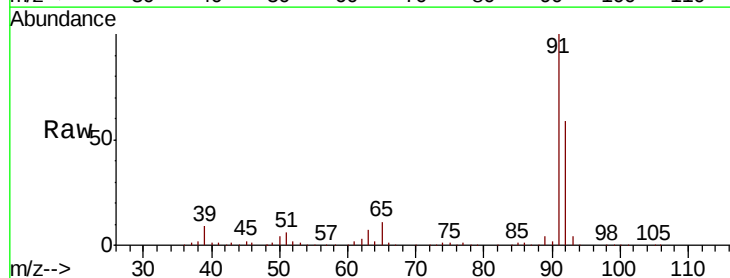
Acq: 10 Sep 2018 12:08

Tgt Ion: 92 Resp: 166426

Ion Ratio Lower Upper

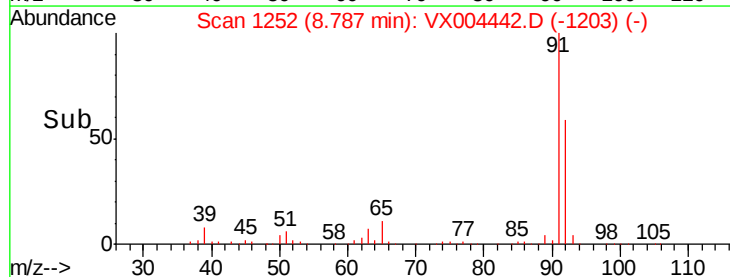
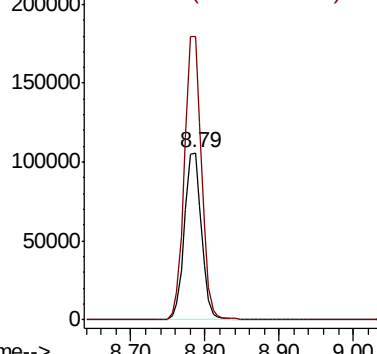
92 100

91 169.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

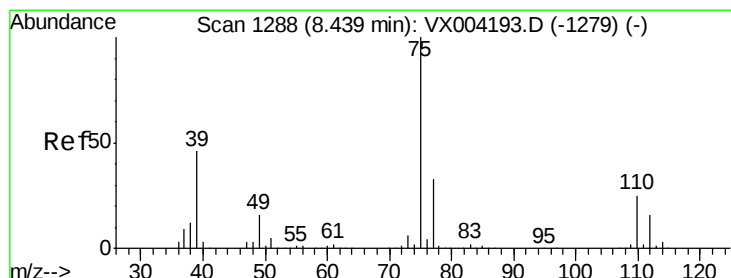
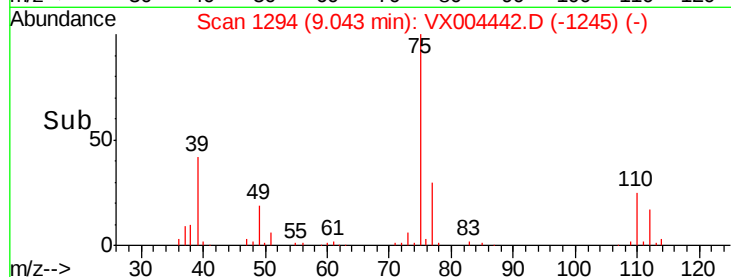
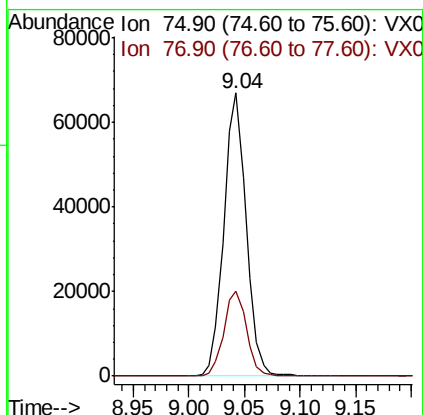
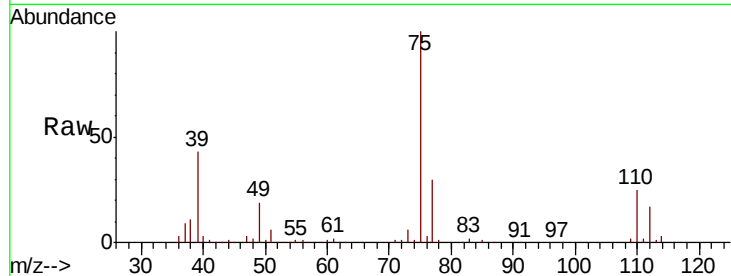




#53
t-1,3-Dichloropropene
Concen: 20.29 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

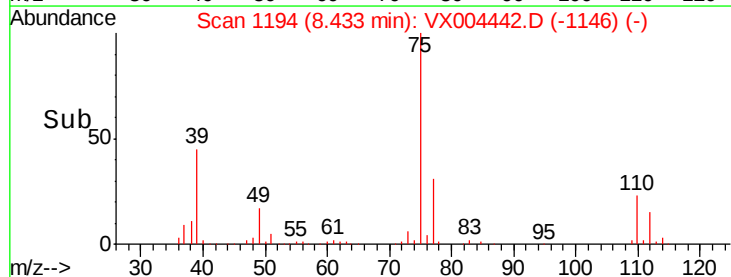
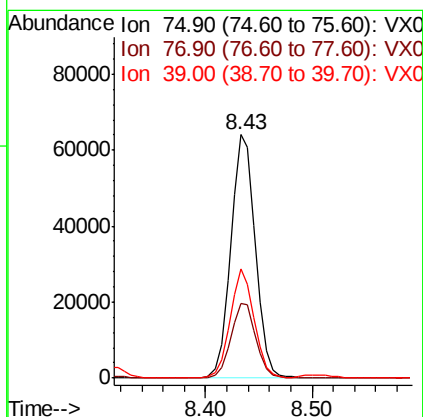
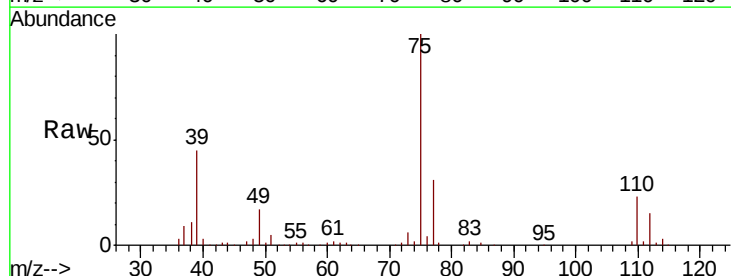
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

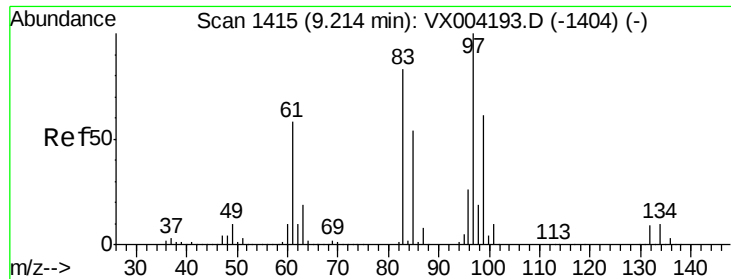
Tot Ion: 75 Resp: 92929
Ion Ratio Lower Upper
75 100
77 30.2 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 20.77 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion: 75 Resp: 103645
Ion Ratio Lower Upper
75 100
77 30.9 26.2 39.2
39 44.6 36.4 54.6

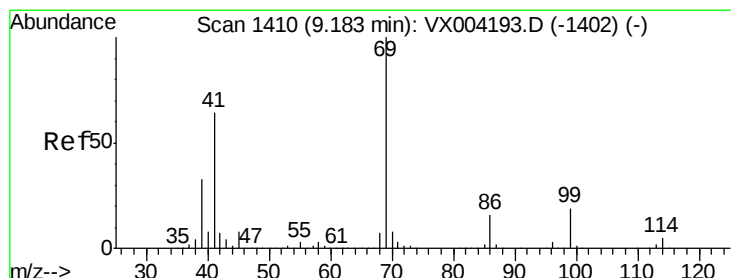
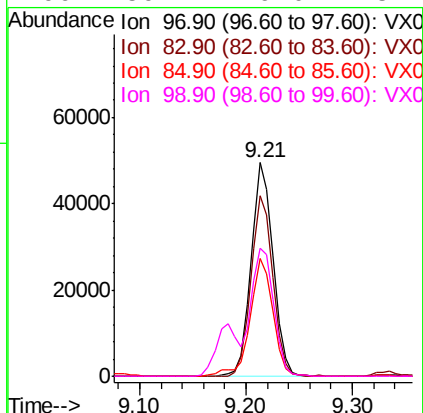
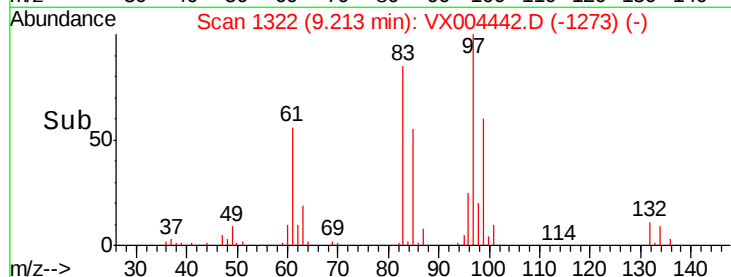
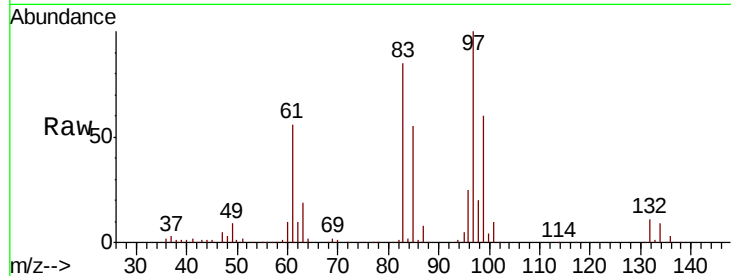




#55
 1,1,2-Trichloroethane
 Concen: 21.32 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

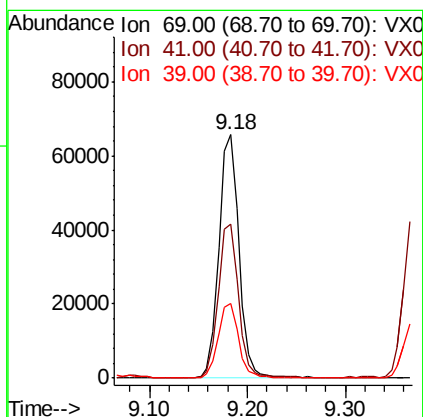
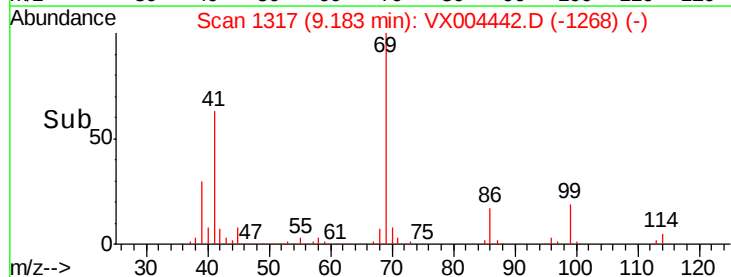
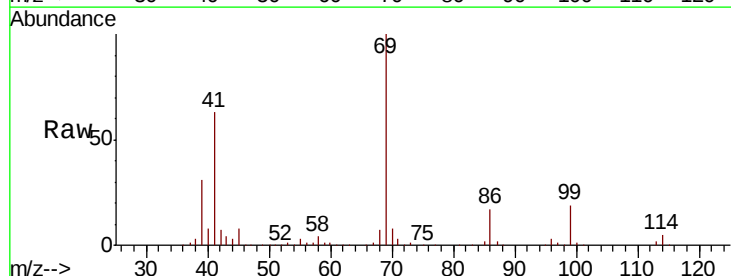
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

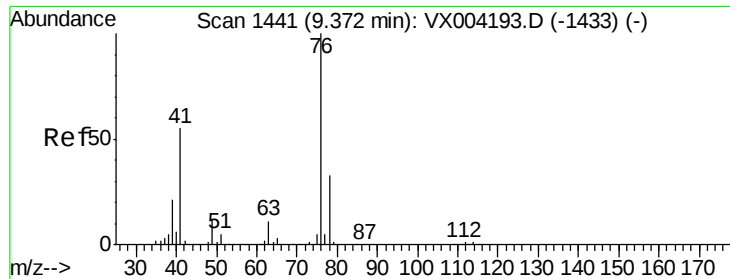
Tot Ion:	97	Resp:	72042
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.4	99.6
85	54.9	43.3	64.9
99	59.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.43 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

Tgt Ion:	69	Resp:	93999
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.0	76.4
39	30.8	26.1	39.1





#57

1,3-Dichloropropane

Concen: 21.02 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

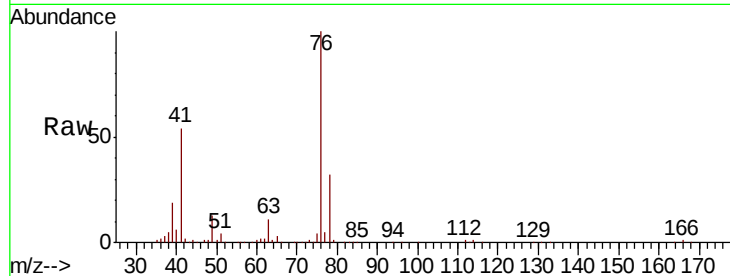
VX0910WBS01

Tot Ion: 76 Resp: 119758

Ion Ratio Lower Upper

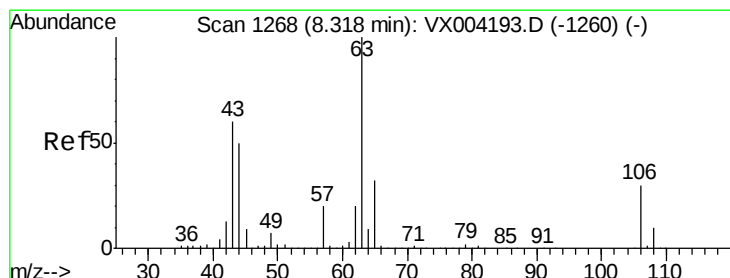
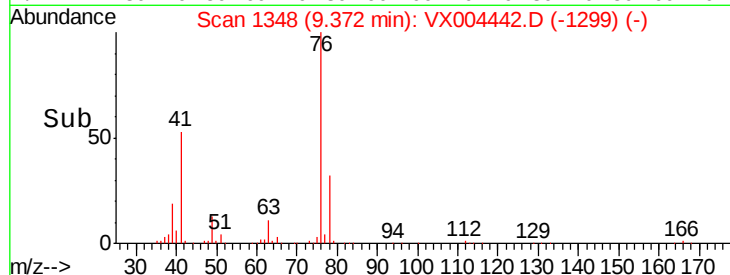
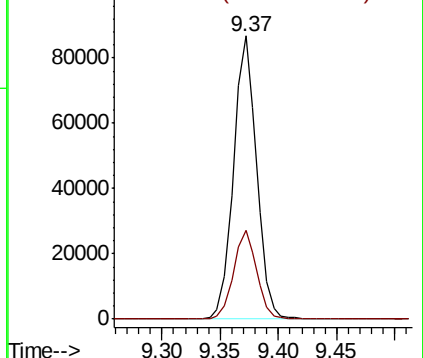
76 100

78 31.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 106.08 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004442.D

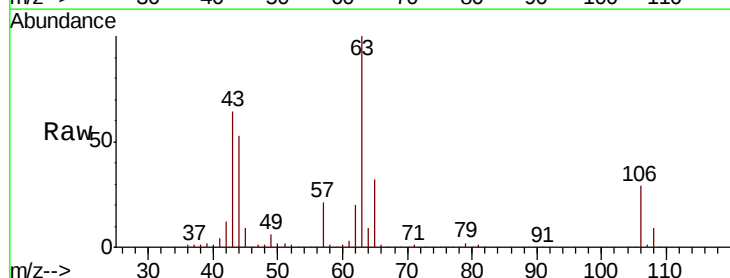
Acq: 10 Sep 2018 12:08

Tgt Ion: 63 Resp: 250048

Ion Ratio Lower Upper

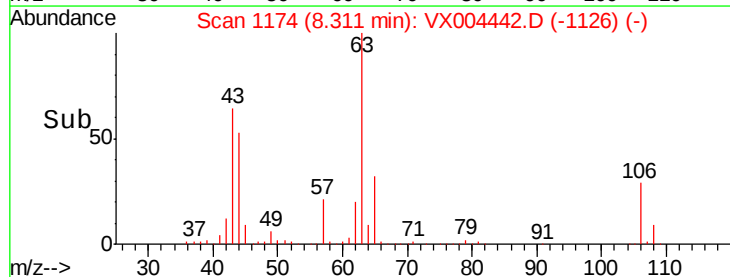
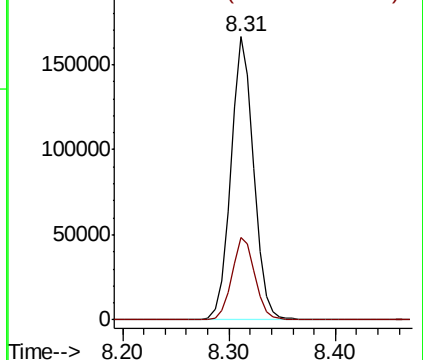
63 100

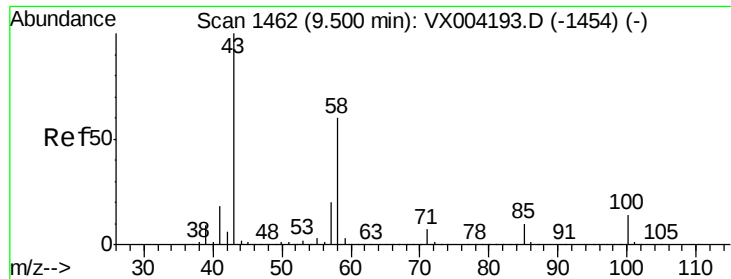
106 29.6 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

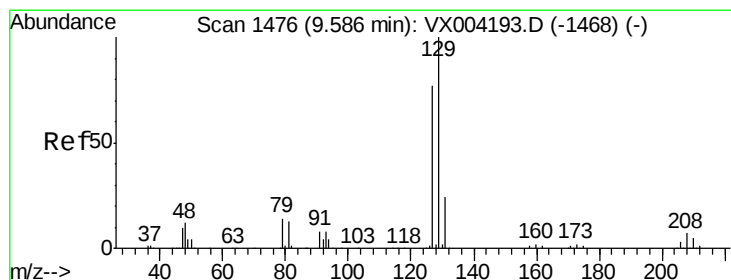
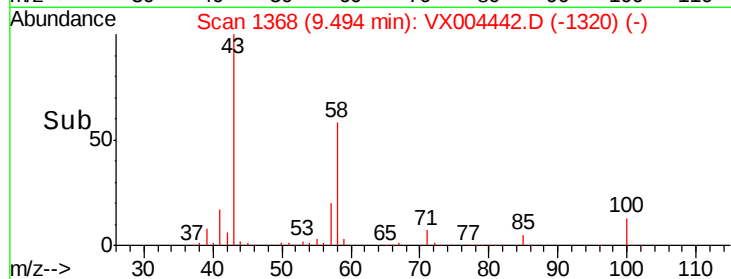
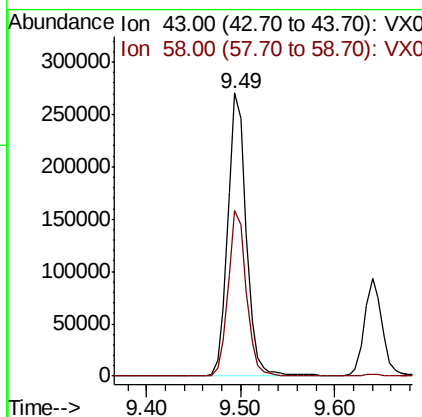
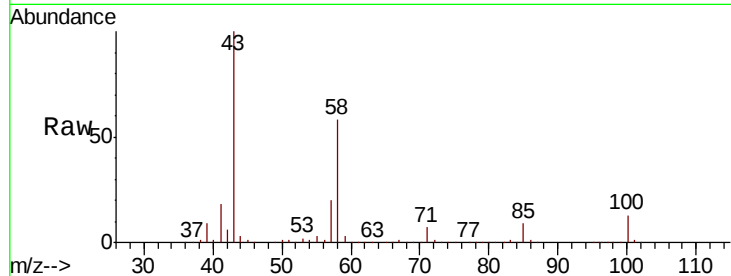




#59
 2-Hexanone
 Concen: 98.45 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

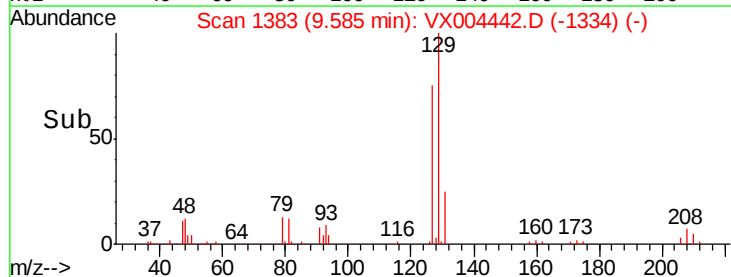
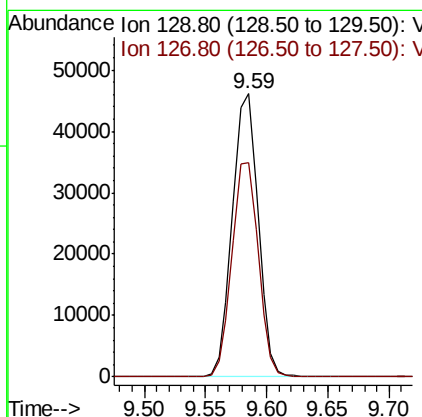
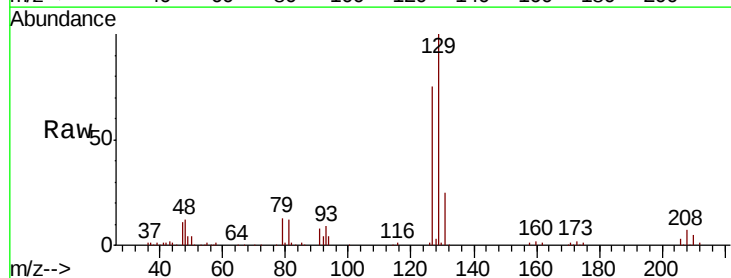
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Tot Ion: 43 Resp: 369098
 Ion Ratio Lower Upper
 43 100
 58 57.6 29.0 87.0



#60
 Dibromochloromethane
 Concen: 20.53 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

Tgt Ion: 129 Resp: 67603
 Ion Ratio Lower Upper
 129 100
 127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.42 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

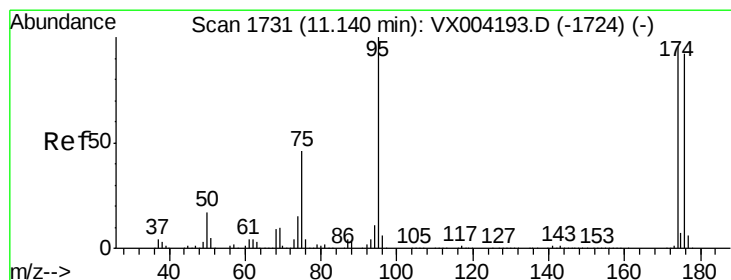
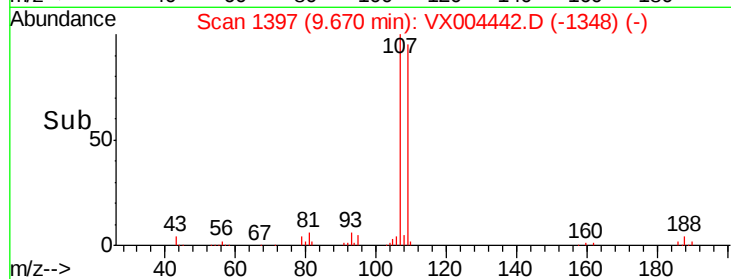
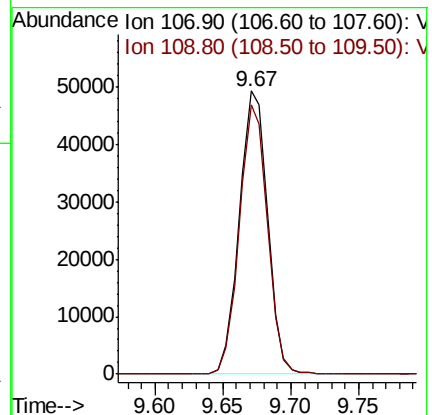
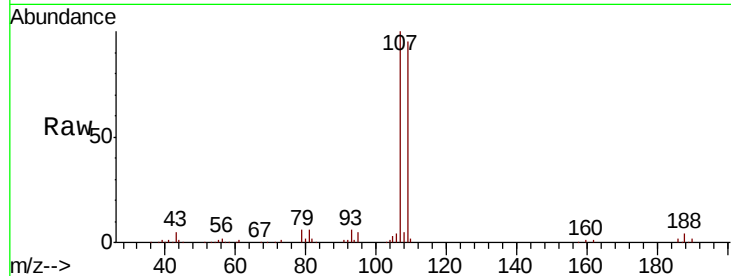
VX0910WBS01

Tot Ion:107 Resp: 71403

Ion Ratio Lower Upper

107 100

109 94.2 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 46.14 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

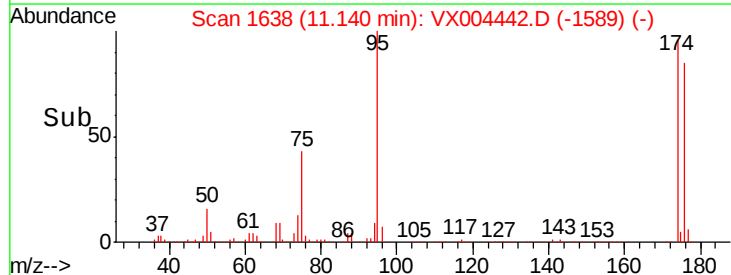
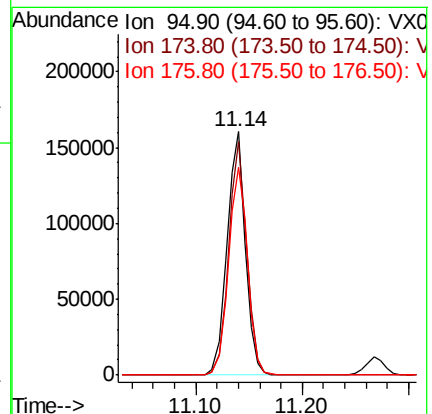
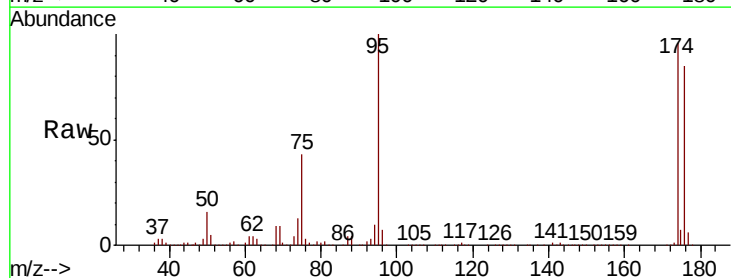
Tgt Ion: 95 Resp: 192460

Ion Ratio Lower Upper

95 100

174 94.8 0.0 185.2

176 88.7 0.0 178.6

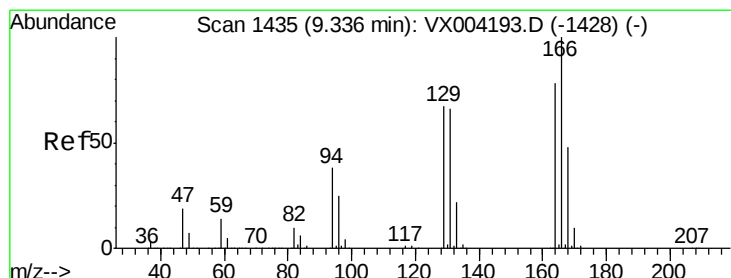
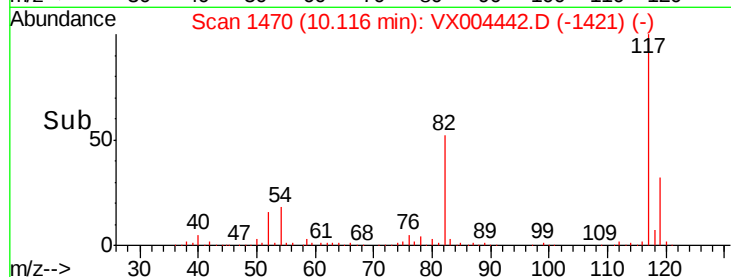
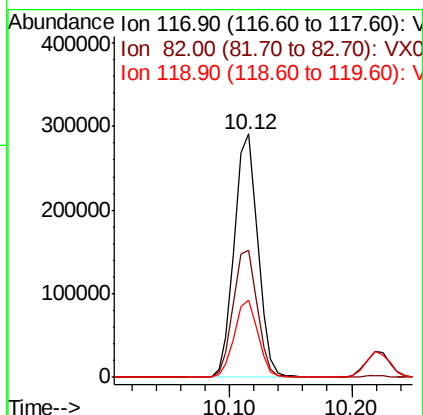
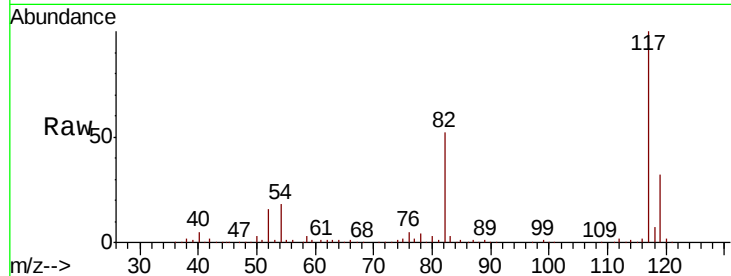




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

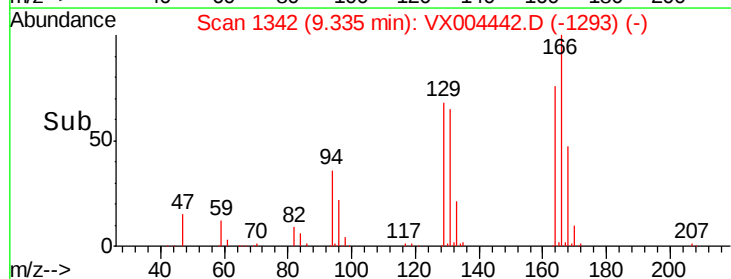
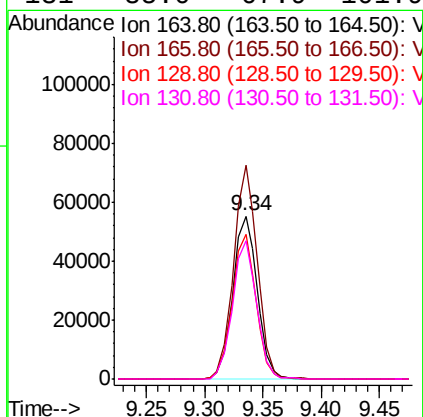
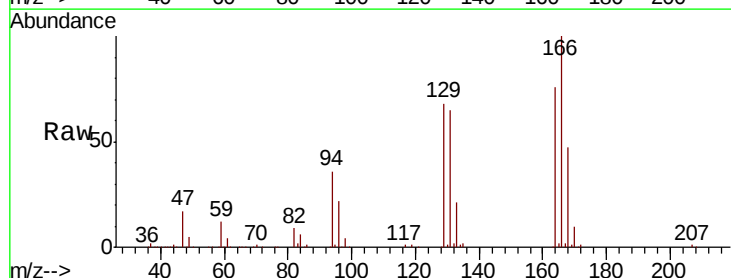
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	47.8	71.6
119	31.8	29.3	43.9



#64
Tetrachloroethene
Concen: 21.11 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	102.8	154.2
129	88.9	69.4	104.0
131	85.0	67.9	101.9

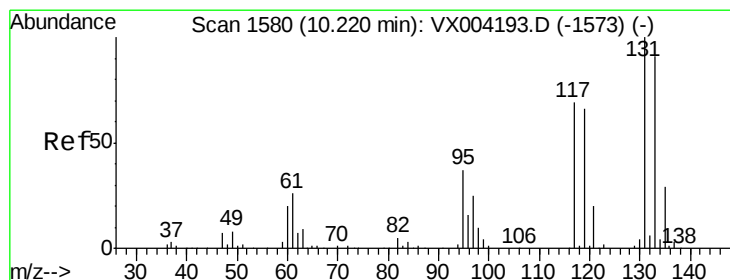
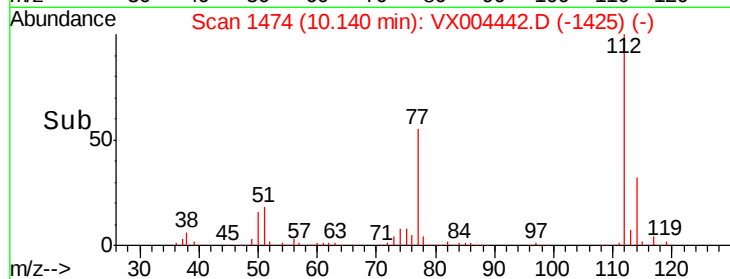
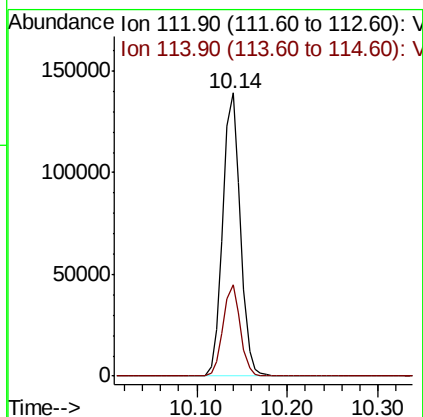
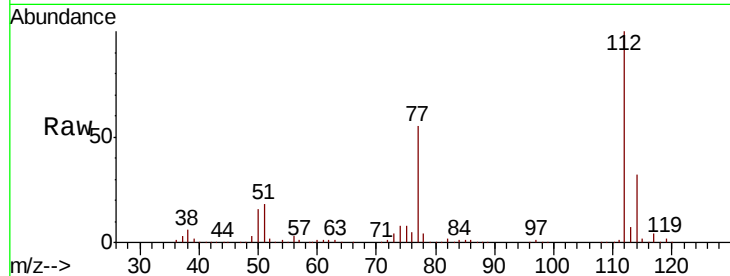




#65
Chlorobenzene
Concen: 19.38 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

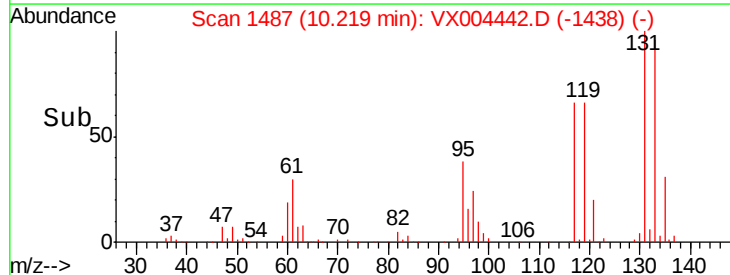
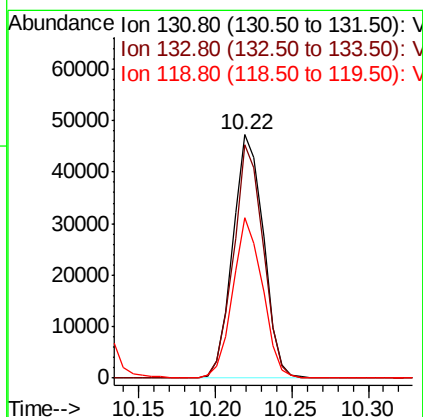
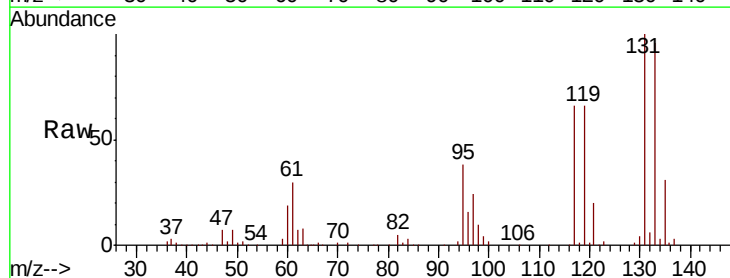
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

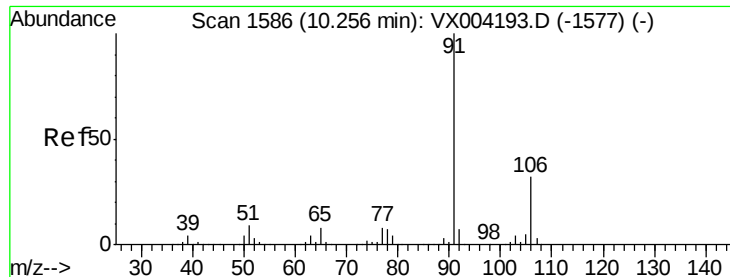
Tot Ion:112 Resp: 188434
Ion Ratio Lower Upper
112 100
114 32.3 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.57 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion:131 Resp: 65633
Ion Ratio Lower Upper
131 100
133 93.4 48.1 144.4
119 64.1 32.9 98.6

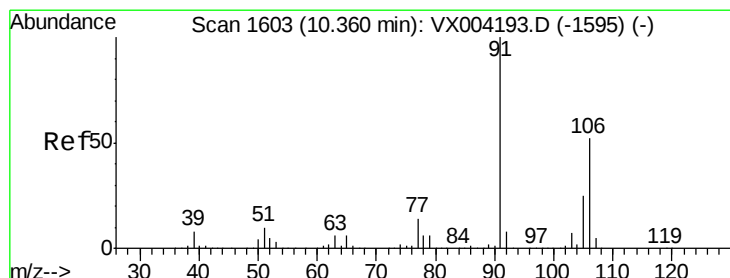
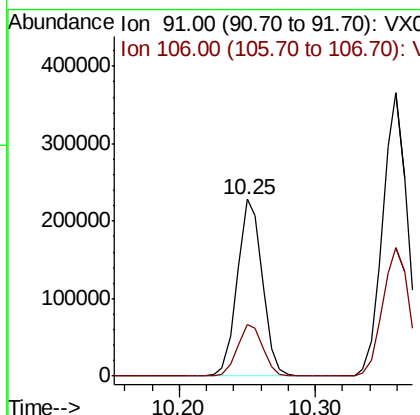
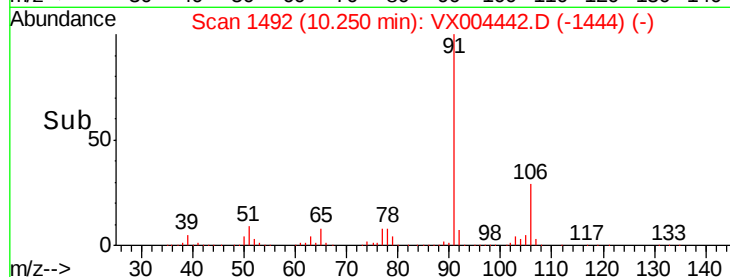
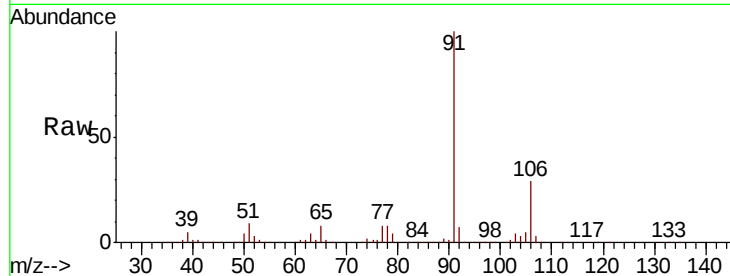




#67
Ethyl Benzene
Concen: 18.57 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

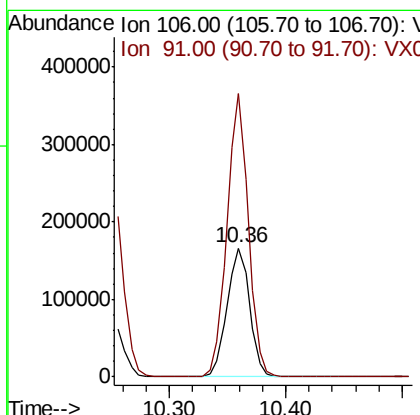
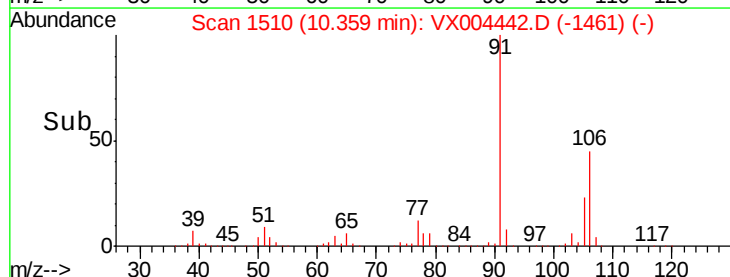
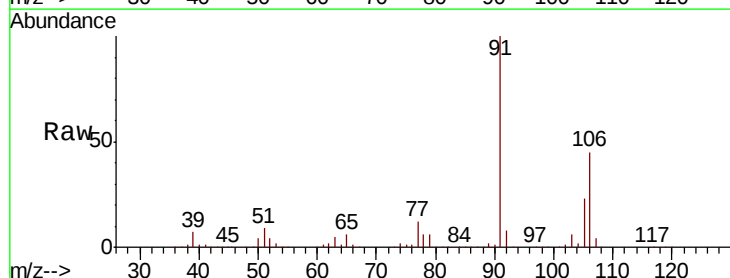
Instrument :
MSVOA_X
ClientSampled :
VX0910WBS01

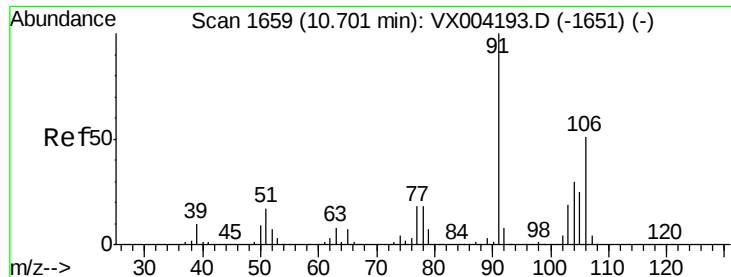
Tot Ion: 91 Resp: 293162
Ion Ratio Lower Upper
91 100
106 29.4 25.9 38.9



#68
m/p-Xylenes
Concen: 36.13 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion: 106 Resp: 223041
Ion Ratio Lower Upper
106 100
91 208.3 157.1 235.7

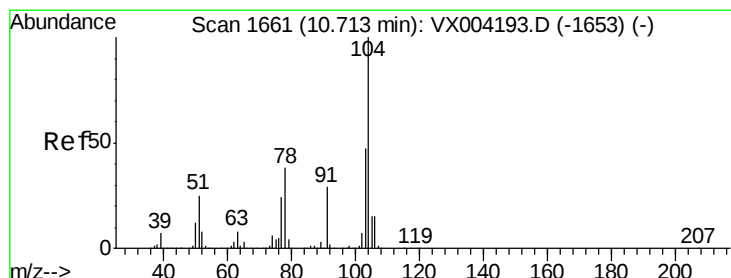
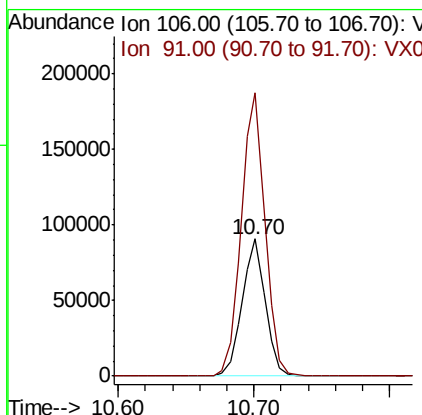
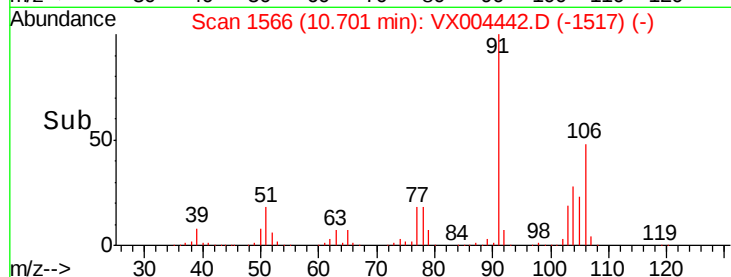
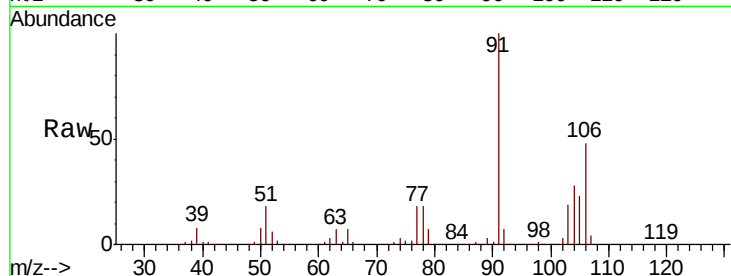




#69
o-Xylene
Concen: 18.40 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

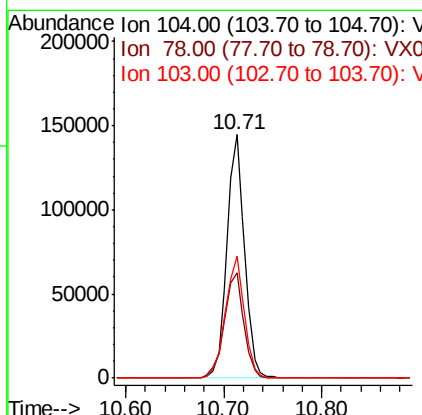
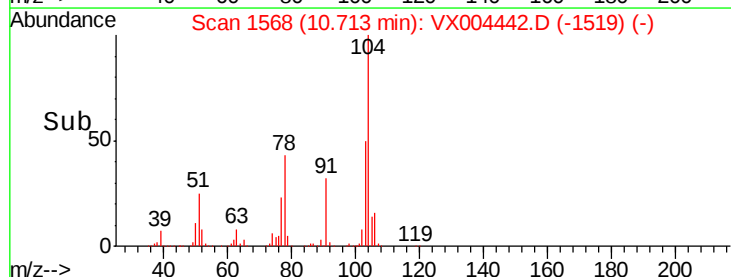
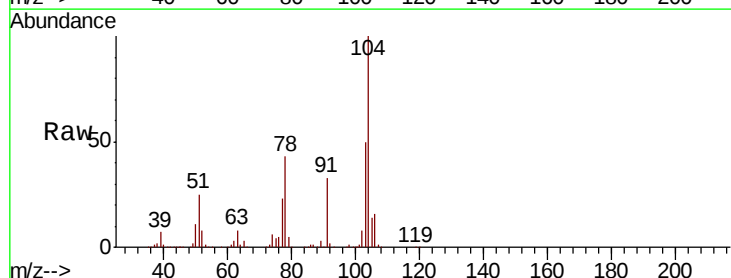
Instrument :
MSVOA_X
ClientSampled :
VX0910WBS01

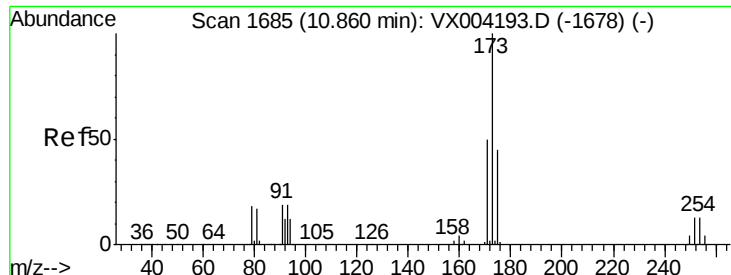
Tot Ion:106 Resp: 107472
Ion Ratio Lower Upper
106 100
91 212.1 105.1 315.1



#70
Styrene
Concen: 19.12 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion:104 Resp: 180823
Ion Ratio Lower Upper
104 100
78 48.0 37.4 56.0
103 54.1 43.8 65.6

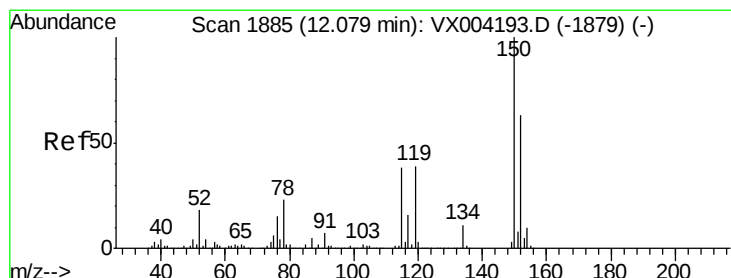
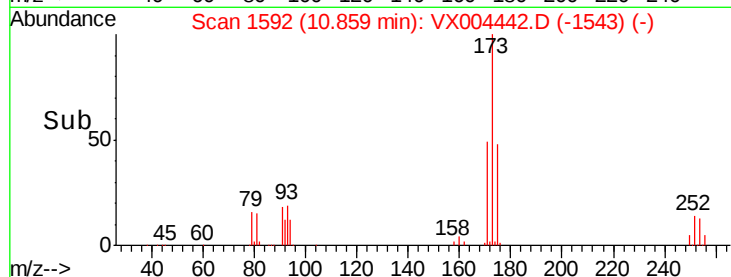
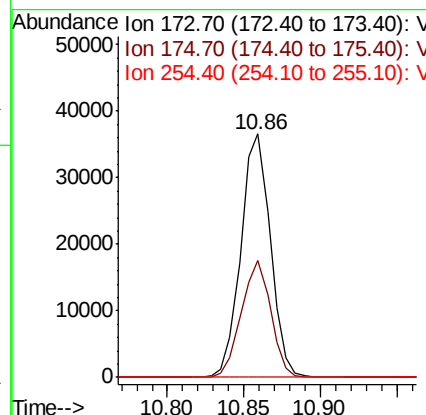
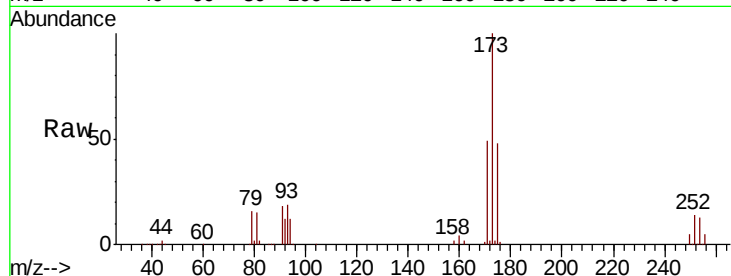




#71
Bromoform
Concen: 18.09 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

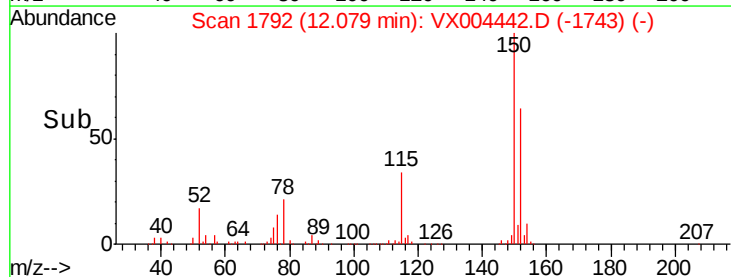
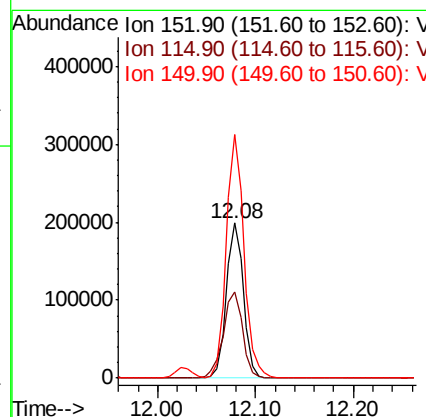
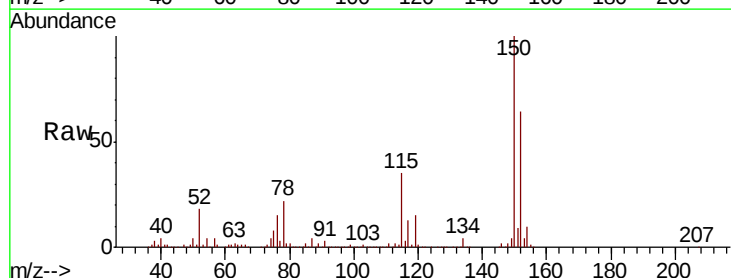
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

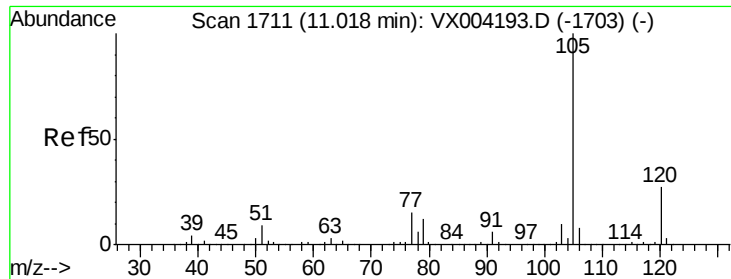
Tot Ion:173 Resp: 48898
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion:152 Resp: 238685
Ion Ratio Lower Upper
152 100
115 63.2 39.0 117.0
150 164.0 0.0 351.0





#73

Isopropylbenzene

Concen: 18.89 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampled :

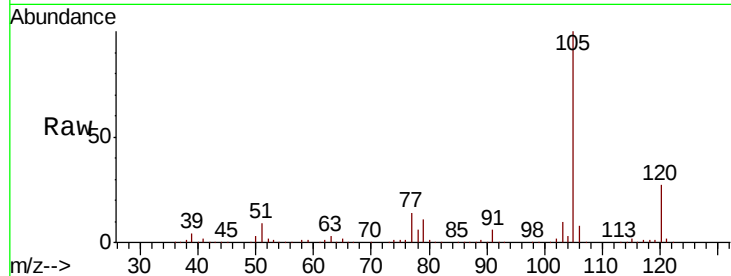
VX0910WBS01

Tot Ion:105 Resp: 296185

Ion Ratio Lower Upper

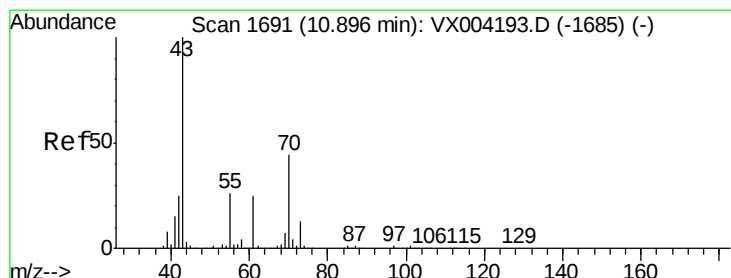
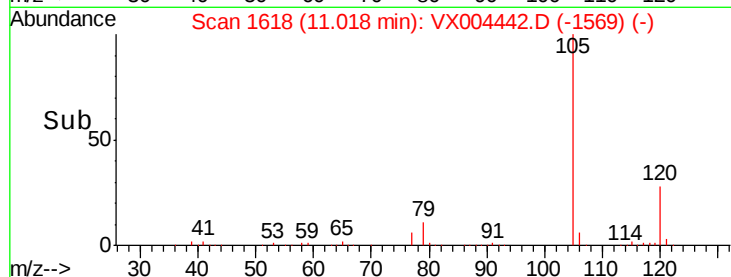
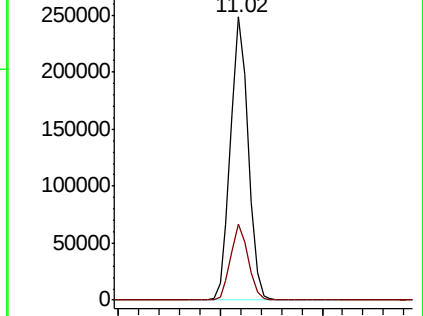
105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.28 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Tgt Ion: 43 Resp: 110320

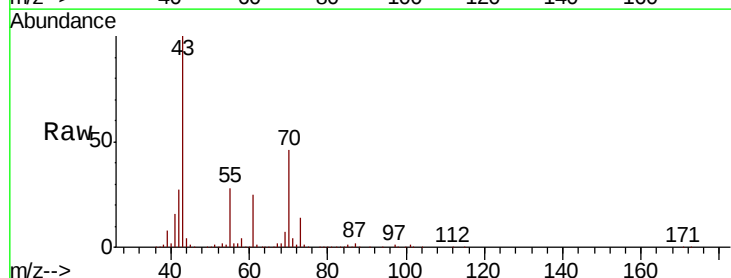
Ion Ratio Lower Upper

43 100

70 46.4 37.4 56.0

55 29.4 21.8 32.8

61 24.7 20.6 30.8

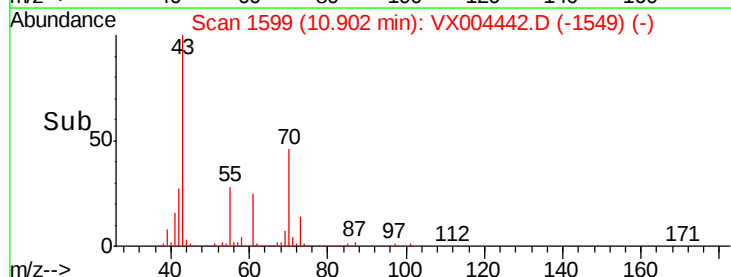
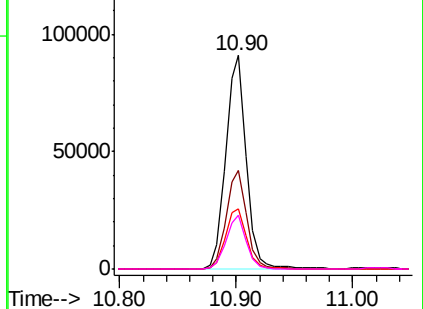


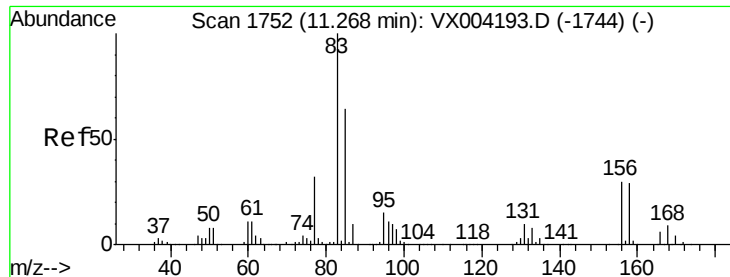
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 17.56 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampled :

VX0910WBS01

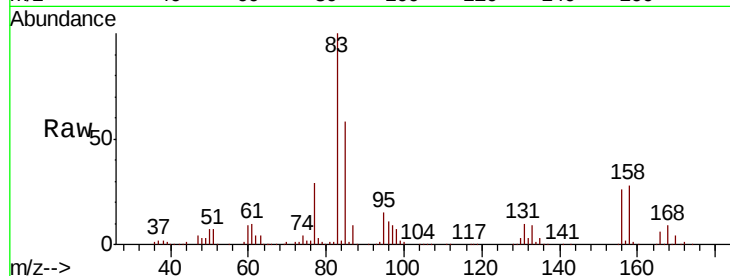
Tot Ion: 83 Resp: 96357

Ion Ratio Lower Upper

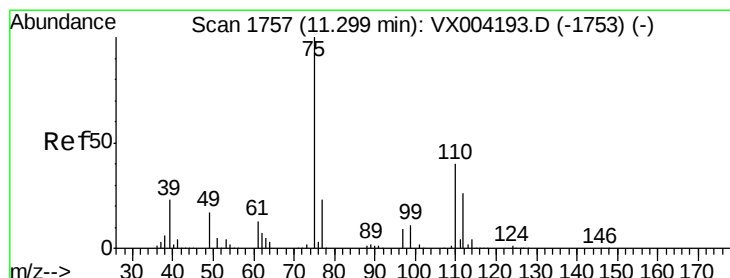
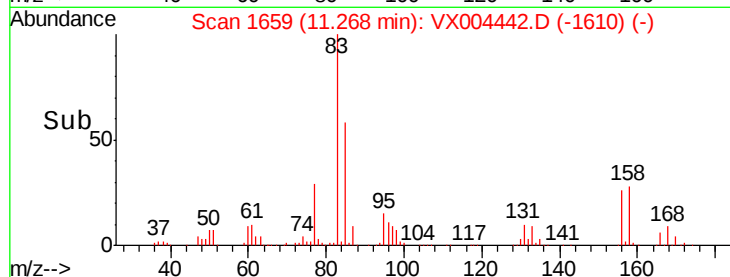
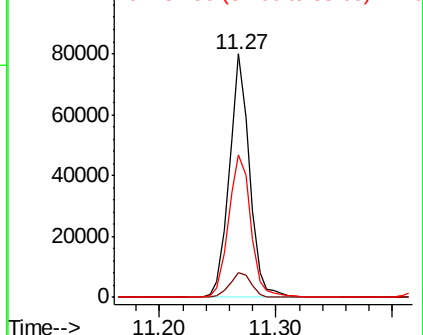
83 100

131 10.9 5.2 15.6

85 64.2 32.3 96.8



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: 22.78 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004442.D

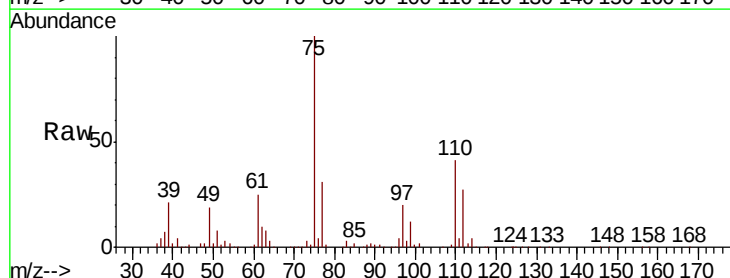
Acq: 10 Sep 2018 12:08

Tgt Ion: 75 Resp: 110572

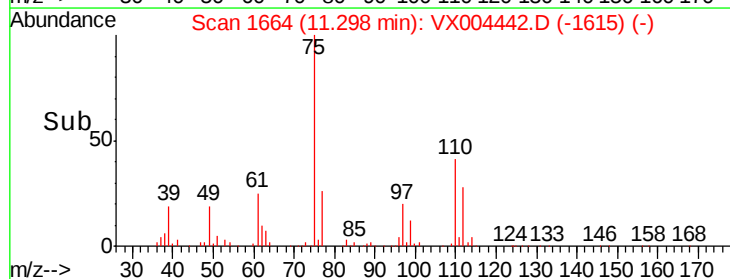
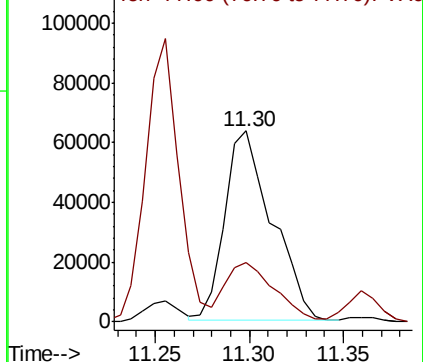
Ion Ratio Lower Upper

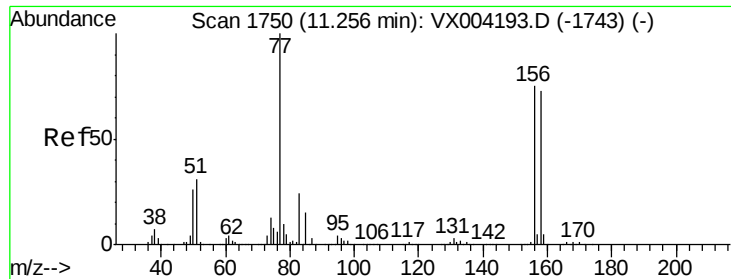
75 100

77 32.1 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.79 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

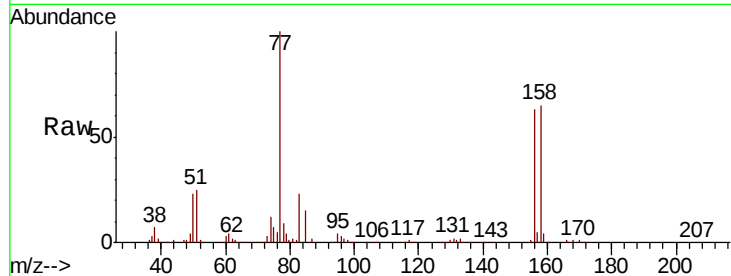
Tot Ion:156 Resp: 78243

Ion Ratio Lower Upper

156 100

77 150.6 71.5 214.3

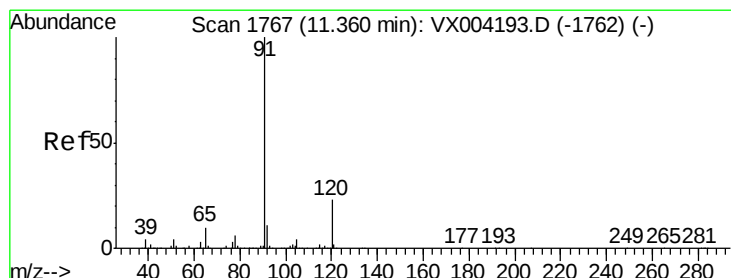
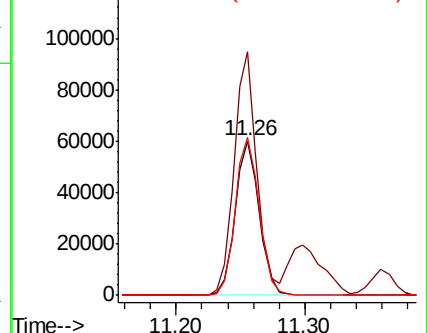
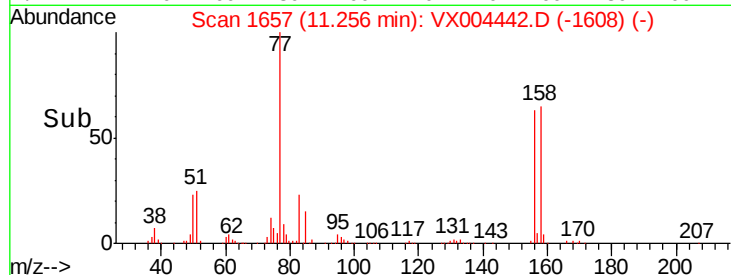
158 102.1 48.9 146.8



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: 18.43 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004442.D

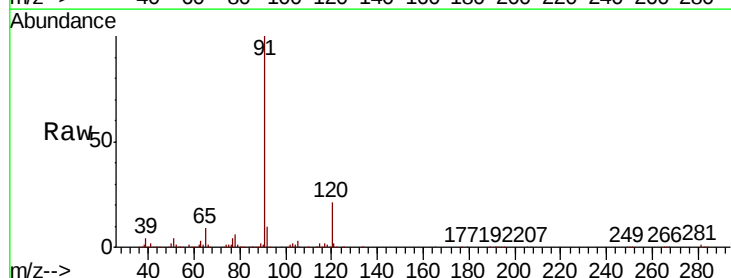
Acq: 10 Sep 2018 12:08

Tgt Ion: 91 Resp: 332379

Ion Ratio Lower Upper

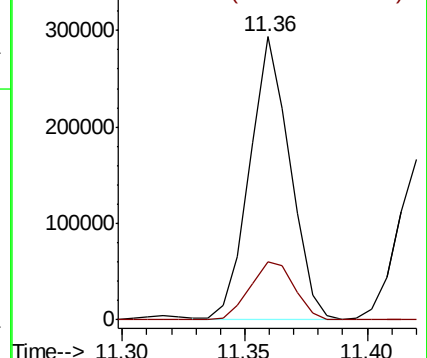
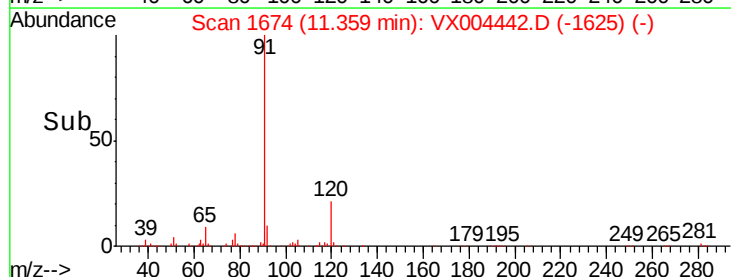
91 100

120 22.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

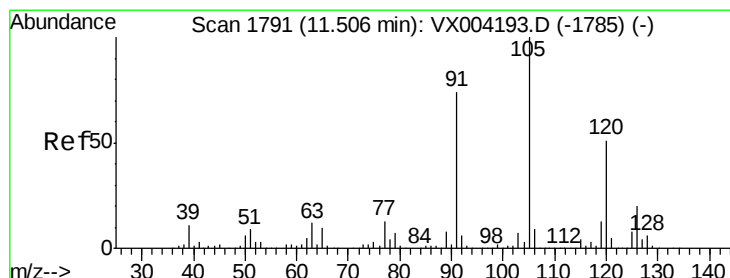
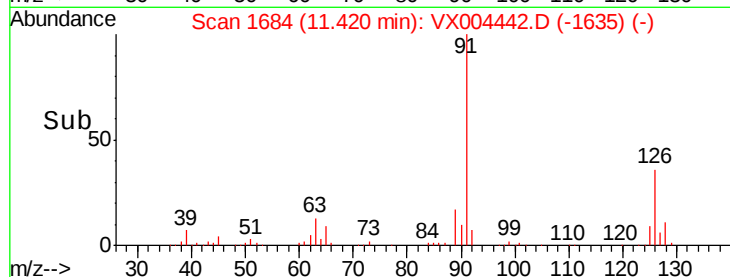
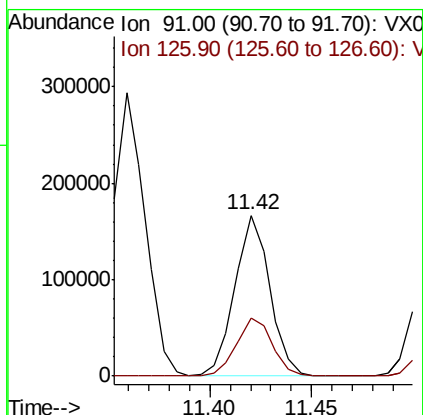
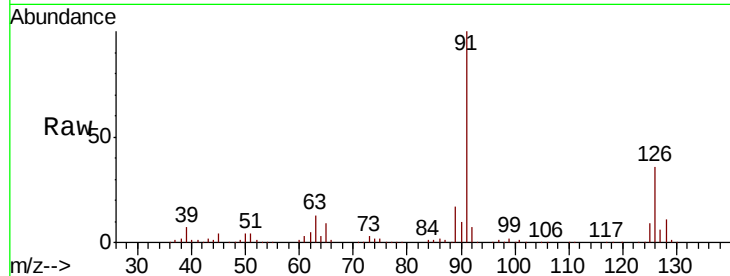




#79
 2-Chlorotoluene
 Concen: 17.80 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

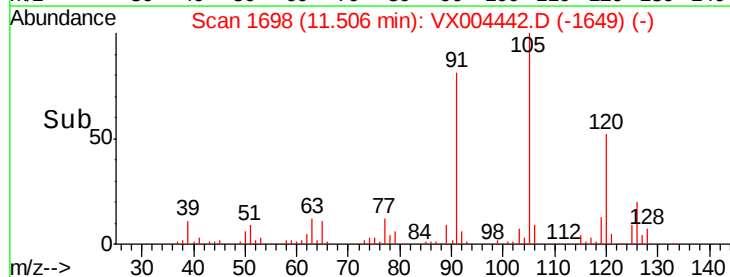
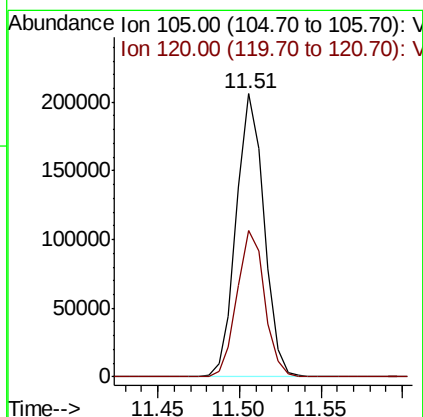
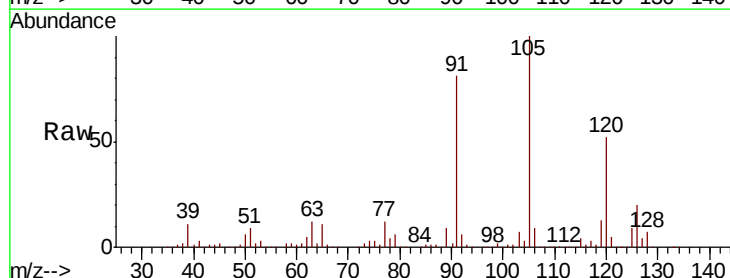
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Tot Ion: 91 Resp: 197585
 Ion Ratio Lower Upper
 91 100
 126 37.1 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.82 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

Tgt Ion: 105 Resp: 244329
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.51 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

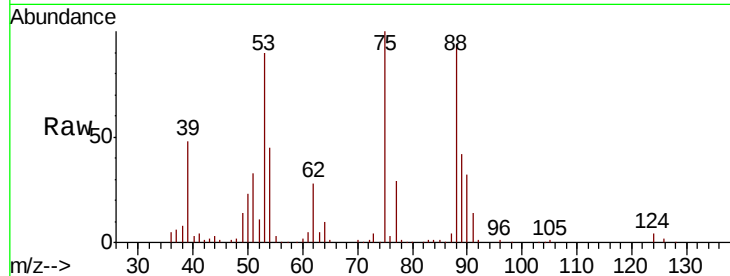
Tot Ion: 75 Resp: 26191

Ion Ratio Lower Upper

75 100

53 104.0 80.1 120.1

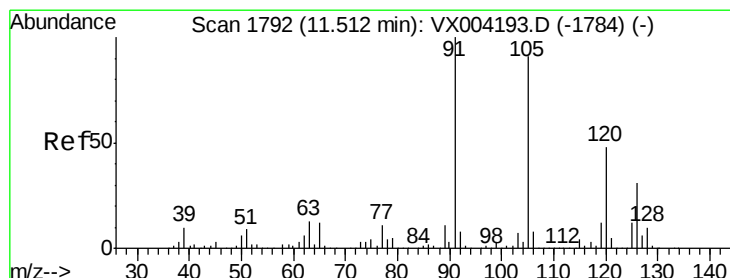
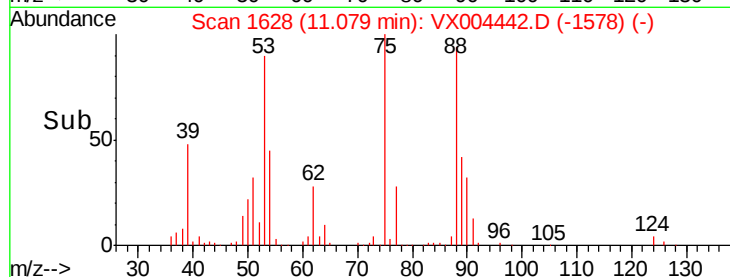
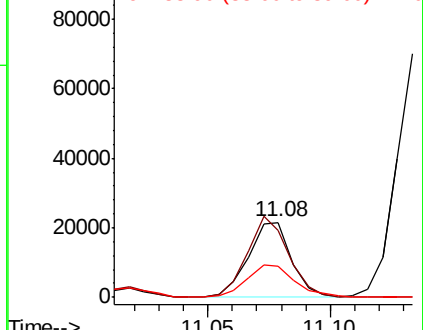
89 49.6 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.81 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004442.D

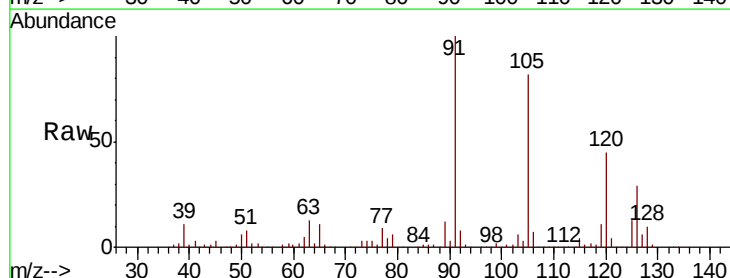
Acq: 10 Sep 2018 12:08

Tgt Ion: 91 Resp: 245572

Ion Ratio Lower Upper

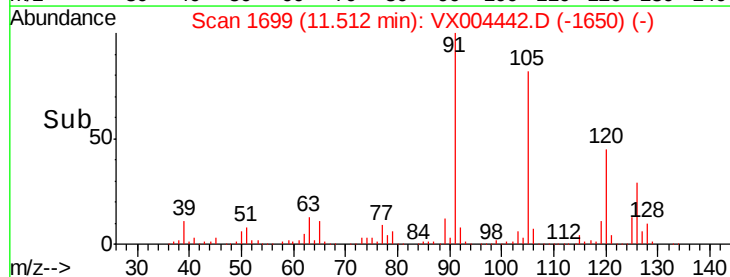
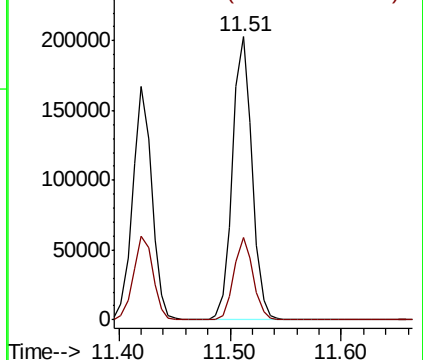
91 100

126 28.9 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 17.66 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampled :

VX0910WBS01

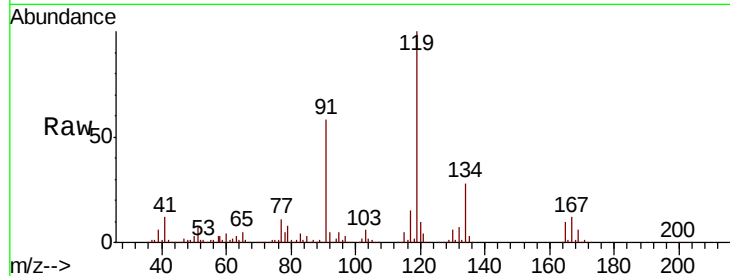
Tot Ion:119 Resp: 230623

Ion Ratio Lower Upper

119 100

91 56.7 27.0 81.0

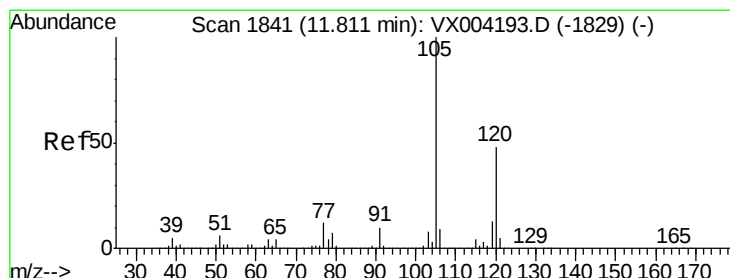
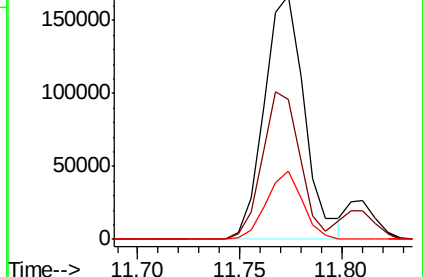
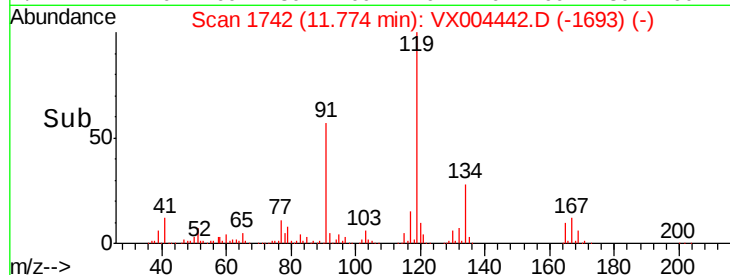
134 25.1 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.52 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004442.D

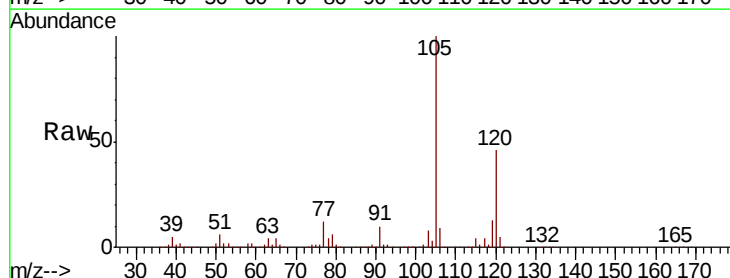
Acq: 10 Sep 2018 12:08

Tgt Ion:105 Resp: 260166

Ion Ratio Lower Upper

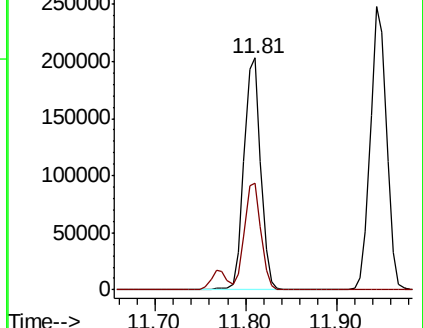
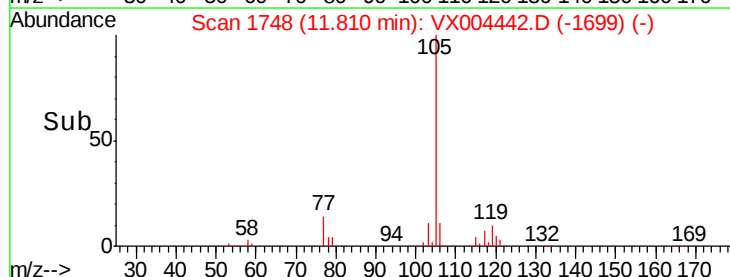
105 100

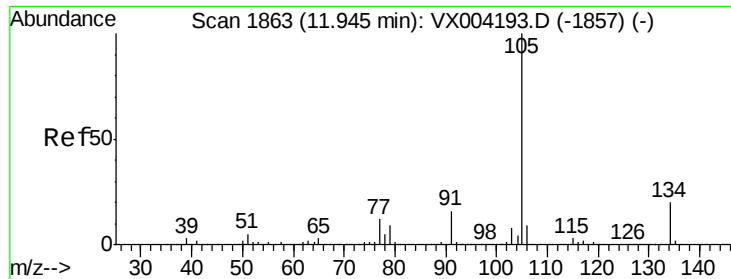
120 45.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

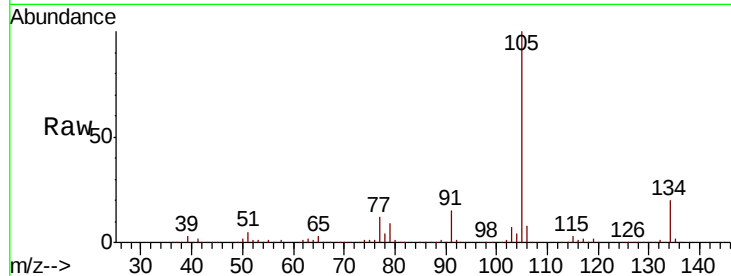




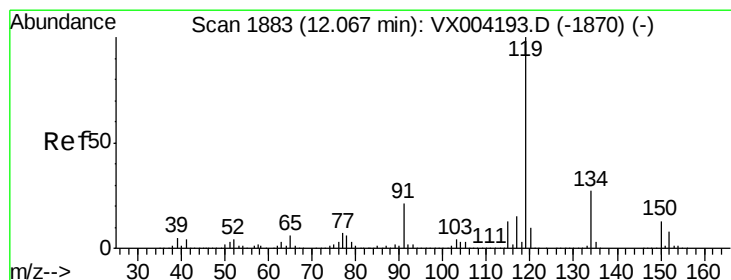
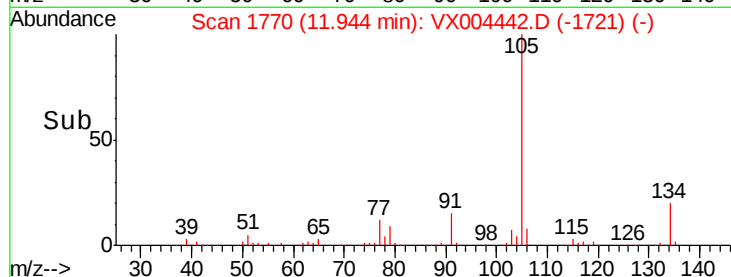
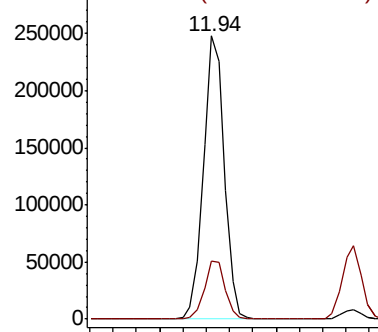
#85
 sec-Butylbenzene
 Concen: 19.83 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0910WBS01

Tot Ion:105 Resp: 307459
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.5 31.5

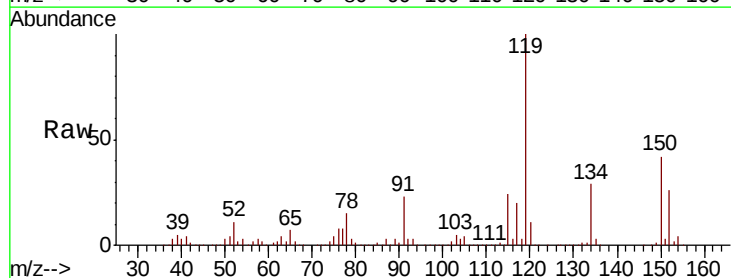


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

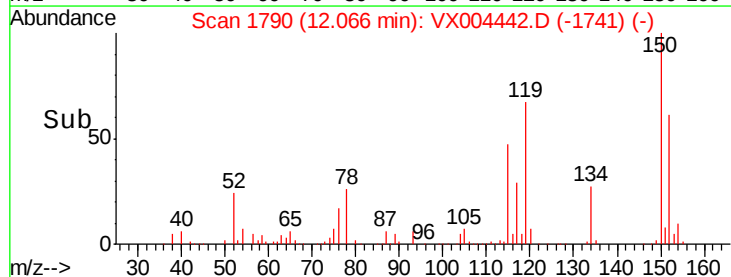
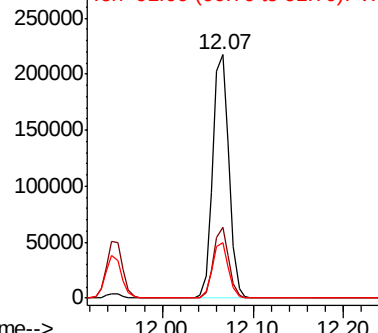


#86
 p-Isopropyltoluene
 Concen: 19.39 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

Tgt Ion:119 Resp: 269433
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.4 40.2
 91 22.5 10.9 32.7



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

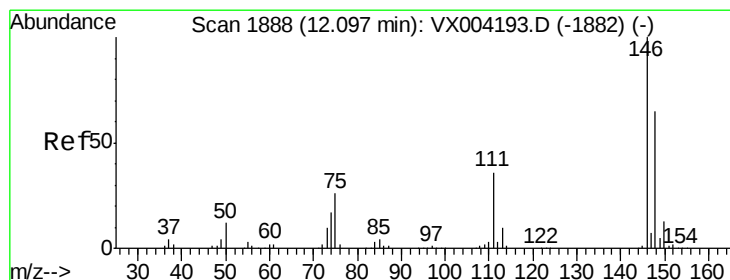
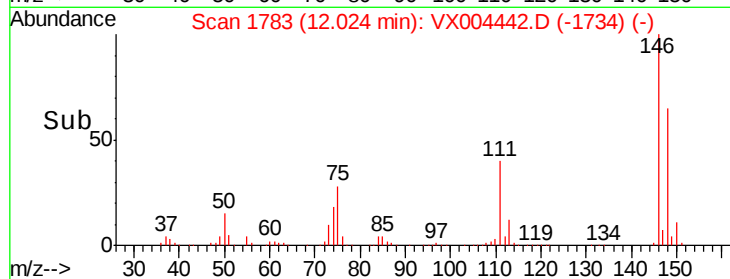
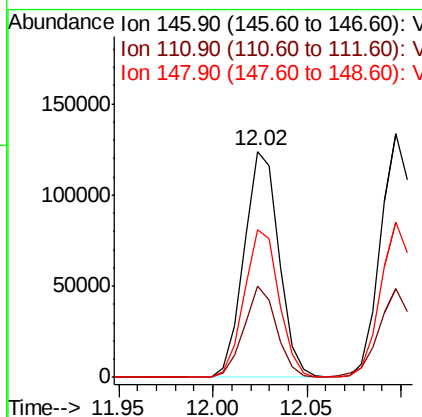
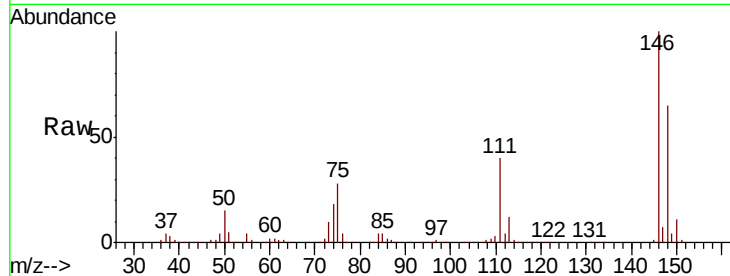




#87
 1,3-Dichlorobenzene
 Concen: 19.22 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

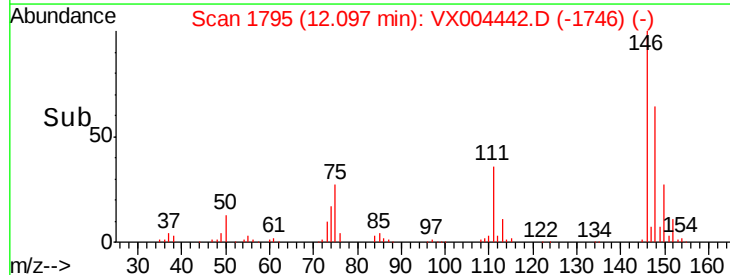
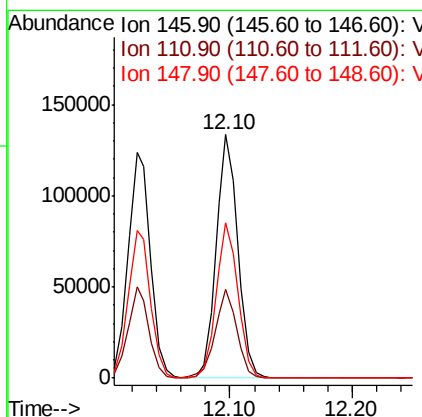
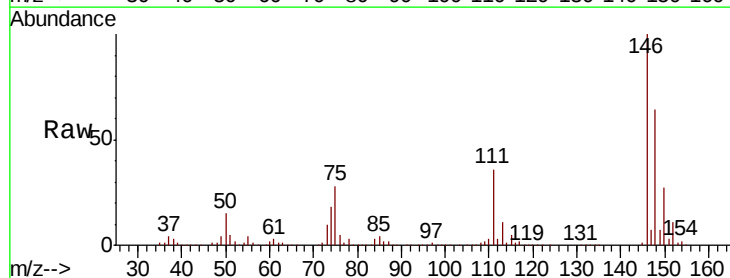
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Tot Ion:146 Resp: 159105
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.7 56.1
 148 65.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.90 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

Tgt Ion:146 Resp: 165032
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.1
 148 64.3 32.0 96.0

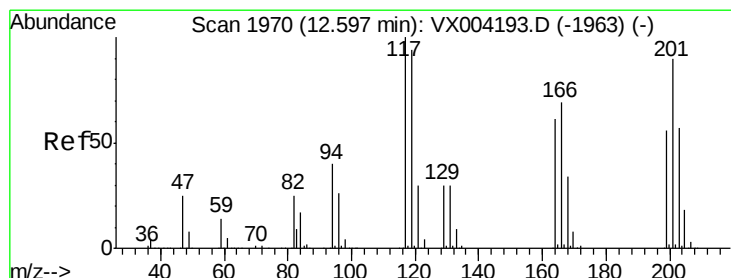
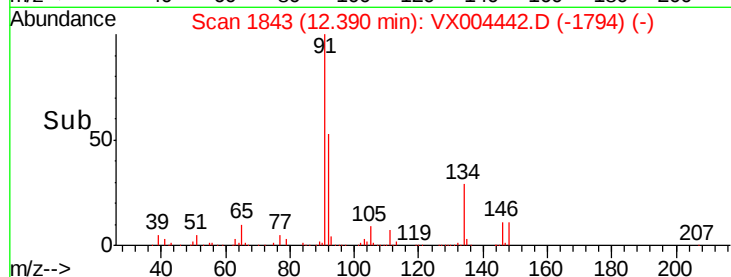
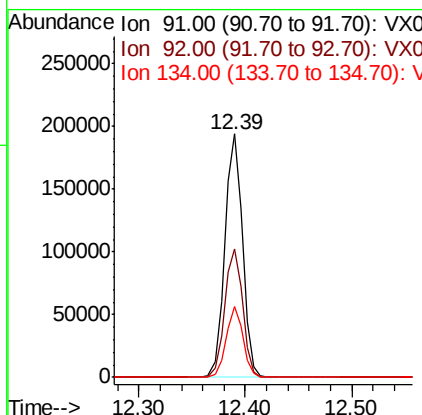
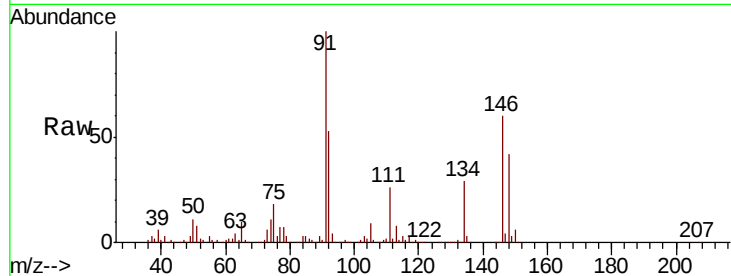




#89
n-Butylbenzene
Concen: 20.03 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

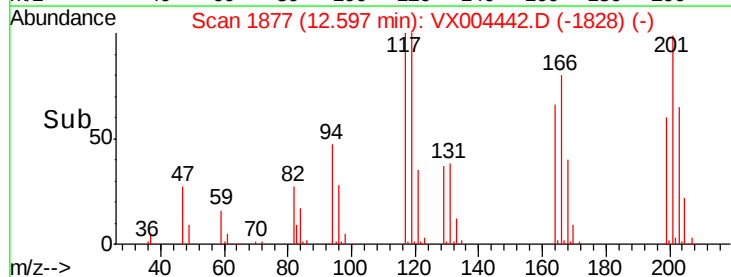
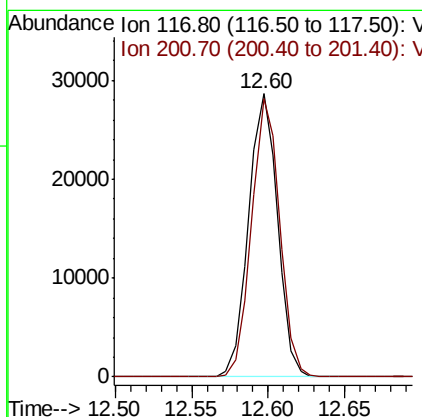
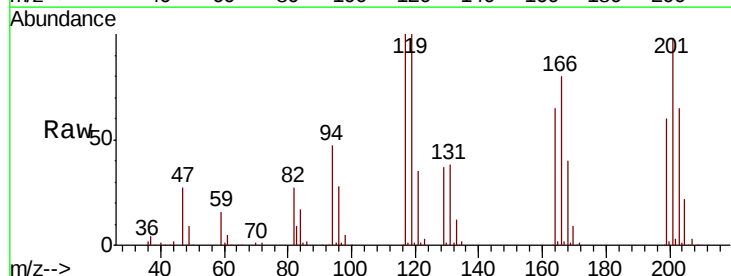
Instrument :
MSVOA_X
ClientSampled :
VX0910WBS01

Tot Ion: 91 Resp: 226387
Ion Ratio Lower Upper
91 100
92 53.4 27.3 81.9
134 27.5 13.6 40.7



#90
Hexachloroethane
Concen: 19.37 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion: 117 Resp: 37628
Ion Ratio Lower Upper
117 100
201 95.6 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.86 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

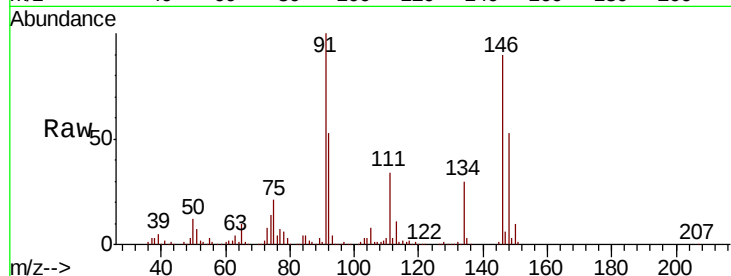
Tot Ion:146 Resp: 157823

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.1

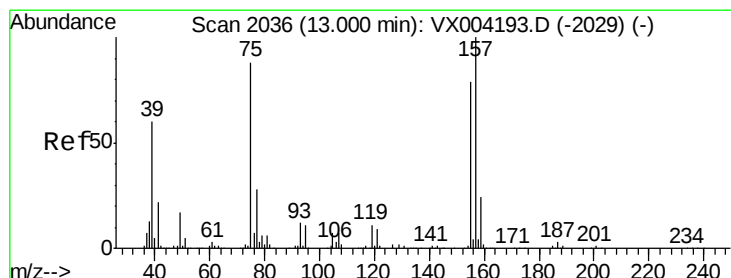
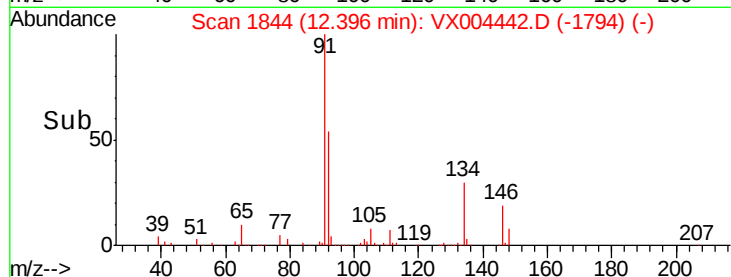
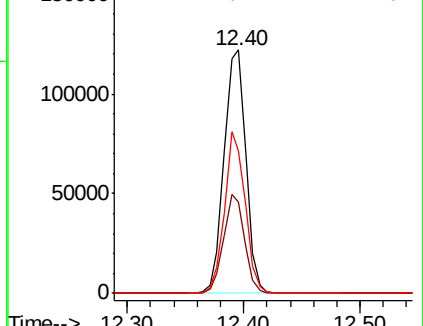
148 62.3 32.8 98.3



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: 20.20 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004442.D

Acq: 10 Sep 2018 12:08

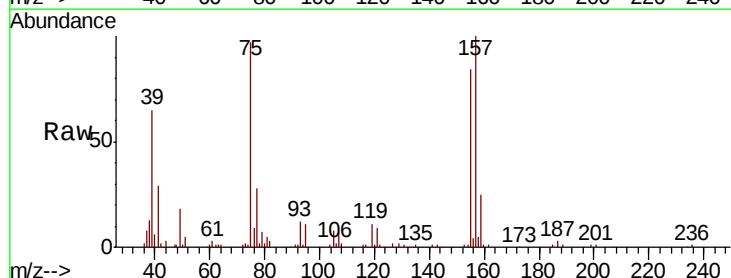
Tgt Ion: 75 Resp: 19521

Ion Ratio Lower Upper

75 100

155 94.6 48.0 144.2

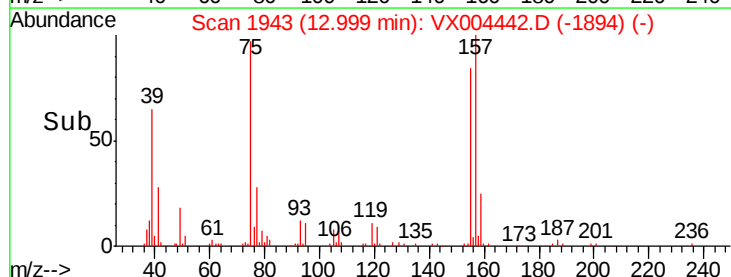
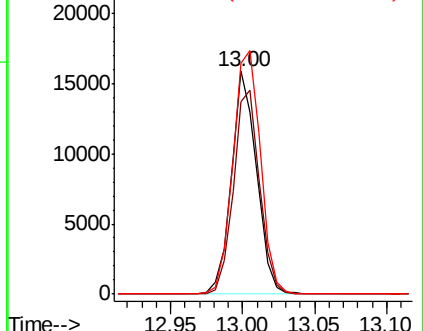
157 118.9 61.4 184.1

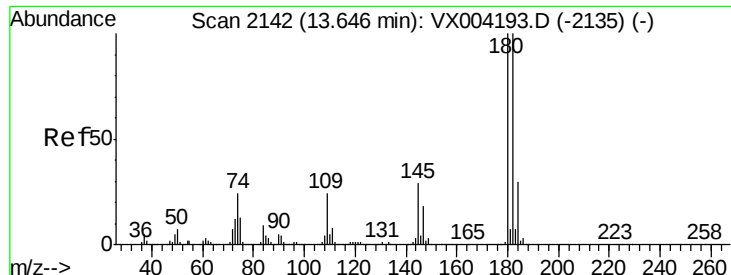


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

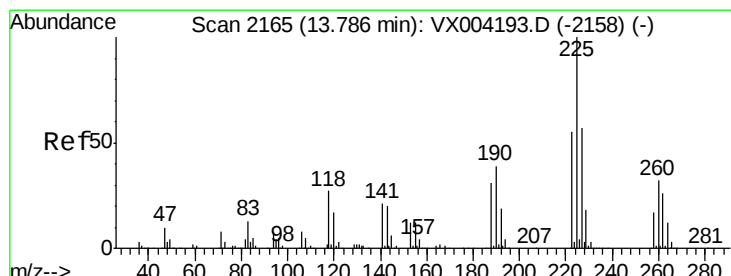
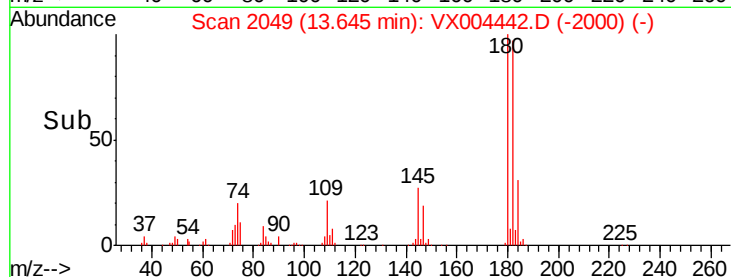
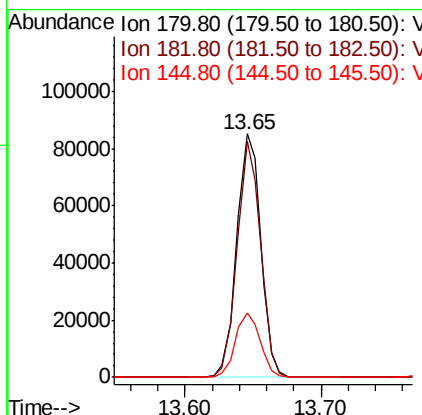
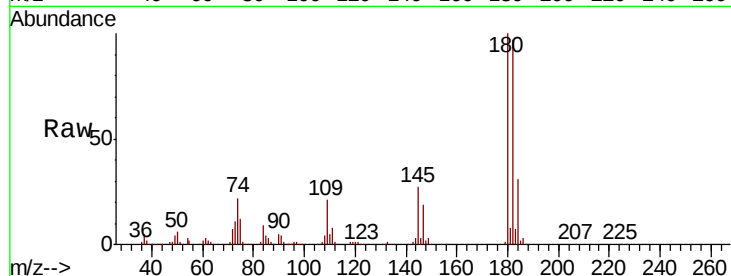




#93
 1,2,4-Trichlorobenzene
 Concen: 18.92 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

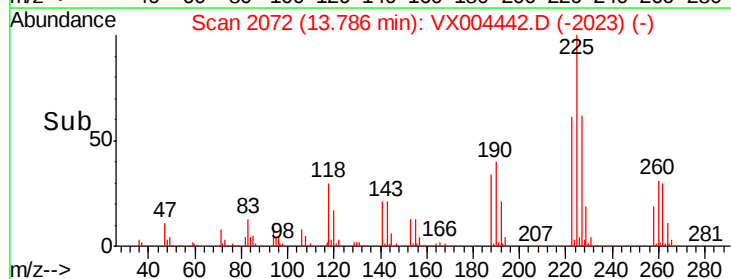
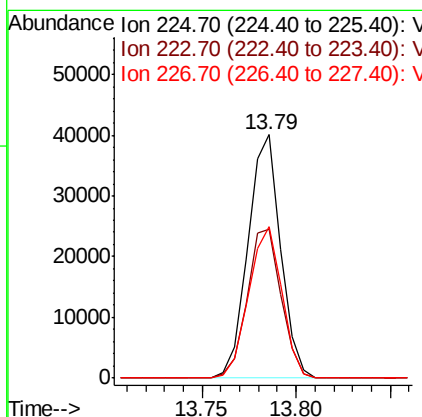
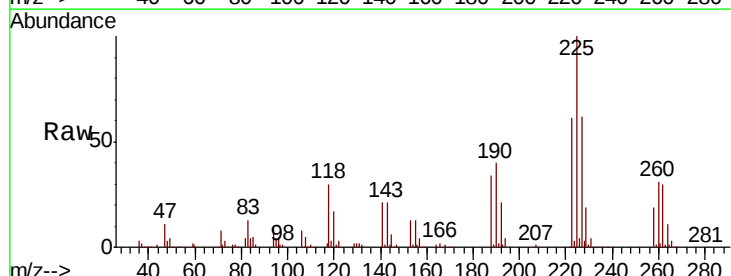
Instrument :
 MSVOA_X
 ClientSampled :
 VX0910WBS01

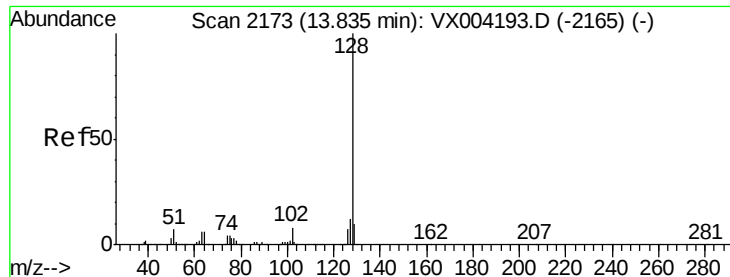
Tot Ion:180 Resp: 104180
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.4 145.0
 145 27.5 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 18.60 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004442.D
 Acq: 10 Sep 2018 12:08

Tgt Ion:225 Resp: 47869
 Ion Ratio Lower Upper
 225 100
 223 64.3 30.1 90.5
 227 63.5 30.8 92.4

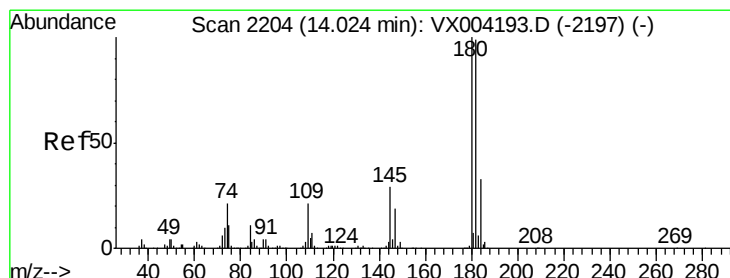
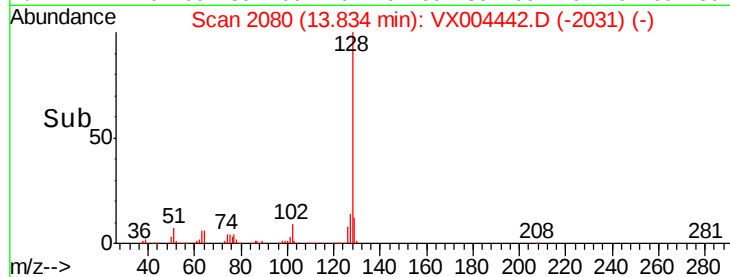
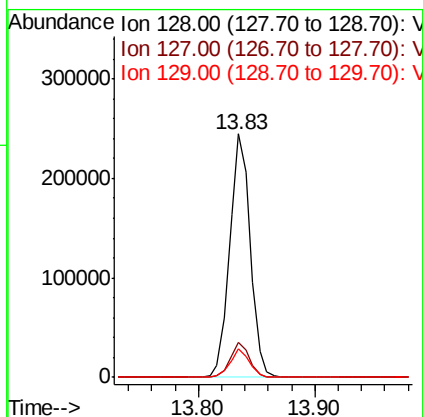
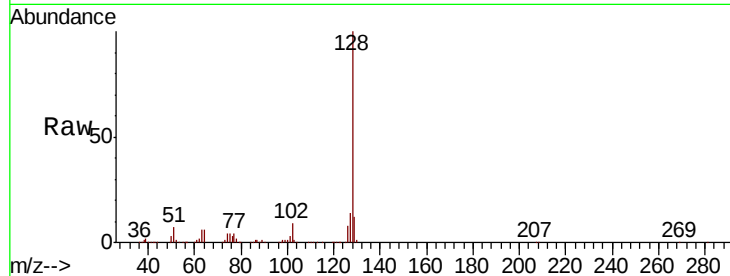




#95
Naphthalene
Concen: 19.21 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	11.1	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.30 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004442.D
Acq: 10 Sep 2018 12:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.5	145.6
145	28.8	14.9	44.9

