

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004342.D
 Acq On : 04 Sep 2018 13:04
 Operator : JC/MD
 Sample : VX0904WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS01

Quant Time: Sep 05 06:38:16 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	177454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160778	69.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.02%	
35) Dibromofluoromethane	5.50	113	131343	57.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.86%	
50) Toluene-d8	8.71	98	457352	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
62) 4-Bromofluorobenzene	11.14	95	181188	56.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	26430	12.86	ug/l	96
3) Chloromethane	1.32	50	52008	23.05	ug/l	98
4) Vinyl Chloride	1.40	62	43763	18.82	ug/l	99
5) Bromomethane	1.63	94	27178	22.60	ug/l	99
6) Chloroethane	1.71	64	38025	22.16	ug/l	99
7) Trichlorofluoromethane	1.92	101	48070	15.09	ug/l	90
8) Diethyl Ether	2.18	74	38314	28.08	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	27367	13.71	ug/l	99
10) Methyl Iodide	2.50	142	39595	20.35	ug/l	98
11) Tert butyl alcohol	3.08	59	82218	166.76	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34984	18.61	ug/l	98
13) Acrolein	2.29	56	19714	165.86	ug/l	98
14) Allyl chloride	2.72	41	90231	26.12	ug/l	94
15) Acrylonitrile	3.15	53	193121	158.17	ug/l	100
16) Acetone	2.45	43	163385	170.48	ug/l	100
17) Carbon Disulfide	2.56	76	88766	17.53	ug/l	100
18) Methyl Acetate	2.78	43	138814	40.44	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	179800	29.02	ug/l	98
20) Methylene Chloride	2.85	84	61392	27.57	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	45478	21.86	ug/l	96
22) Diisopropyl ether	3.87	45	175154	27.16	ug/l	95
23) Vinyl Acetate	3.82	43	701592	134.23	ug/l	99
24) 1,1-Dichloroethane	3.69	63	94631	25.18	ug/l	98
25) 2-Butanone	4.70	43	247758	158.83	ug/l	98
26) 2,2-Dichloropropane	4.57	77	62135	21.08	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	57701	24.45	ug/l	100
28) Bromochloromethane	5.01	49	48621	29.22	ug/l	99
29) Tetrahydrofuran	5.16	42	155403	156.38	ug/l	99
30) Chloroform	5.21	83	99140	26.31	ug/l	97
31) Cyclohexane	5.57	56	43700	13.48	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	65304	20.78	ug/l	99
36) 1,1-Dichloropropene	5.79	75	52854	15.29	ug/l	99
37) Ethyl Acetate	4.86	43	85318	25.10	ug/l	100
38) Carbon Tetrachloride	5.78	117	50292	15.47	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS01

Quant Time: Sep 05 06:38:16 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	39549	10.02	ug/l	96
40) Benzene	6.14	78	214865	20.81	ug/l	100
41) Methacrylonitrile	5.06	41	50676	25.72	ug/l	98
42) 1,2-Dichloroethane	6.20	62	81128	23.03	ug/l	99
43) Isopropyl Acetate	6.46	43	124850	23.91	ug/l	99
44) Trichloroethene	7.21	130	52522	18.37	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58432	22.61	ug/l	97
46) Dibromomethane	7.67	93	39634	23.03	ug/l	99
47) Bromodichloromethane	7.90	83	72255	22.57	ug/l	99
48) Methyl methacrylate	7.77	41	66506	23.80	ug/l	100
49) 1,4-Dioxane	7.76	88	34648	546.09	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	466522	122.94	ug/l	98
52) Toluene	8.79	92	133809	20.70	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	79090	22.36	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	88550	22.99	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	63292	24.26	ug/l	96
56) Ethyl methacrylate	9.18	69	81940	23.07	ug/l	99
57) 1,3-Dichloropropane	9.37	76	106416	24.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	218574	120.09	ug/l	100
59) 2-Hexanone	9.50	43	357079	123.35	ug/l	99
60) Dibromochloromethane	9.59	129	59077	23.24	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65442	24.23	ug/l	98
64) Tetrachloroethene	9.34	164	53306	17.72	ug/l	98
65) Chlorobenzene	10.14	112	146845	19.21	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	54529	20.69	ug/l	98
67) Ethyl Benzene	10.25	91	212216	17.10	ug/l	97
68) m/p-Xylenes	10.36	106	173877	35.83	ug/l	92
69) o-Xylene	10.70	106	90630	19.74	ug/l	99
70) Styrene	10.71	104	156372	21.04	ug/l	99
71) Bromoform	10.86	173	44919	21.14	ug/l #	97
73) Isopropylbenzene	11.02	105	219926	17.18	ug/l	100
74) N-amyl acetate	10.90	43	101061	20.51	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	96628	21.58	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	110640	27.92	ug/l	86
77) Bromobenzene	11.26	156	72888	20.30	ug/l	98
78) n-propylbenzene	11.36	91	245693	16.69	ug/l	99
79) 2-Chlorotoluene	11.42	91	174161	19.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	195196	18.42	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	25610	20.97	ug/l	96
82) 4-Chlorotoluene	11.51	91	201718	18.92	ug/l	99
83) tert-Butylbenzene	11.77	119	180302	16.91	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	208088	19.13	ug/l	99
85) sec-Butylbenzene	11.94	105	202668	16.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	188571	16.62	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	131090	19.39	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	128191	17.99	ug/l	97
89) n-Butylbenzene	12.39	91	135855	14.73	ug/l	97
90) Hexachloroethane	12.60	117	26906	16.97	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	122906	19.90	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17731	22.48	ug/l	98

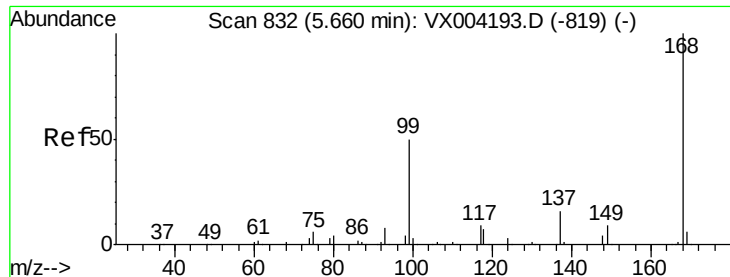
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090418\
Data File : VX004342.D
Acq On : 04 Sep 2018 13:04
Operator : JC/MD
Sample : VX0904WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0904WBS01

Quant Time: Sep 05 06:38:16 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	84784	18.86	ug/l	98
94) Hexachlorobutadiene	13.79	225	33296	15.83	ug/l	97
95) Naphthalene	13.83	128	282290	22.20	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97413	20.47	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

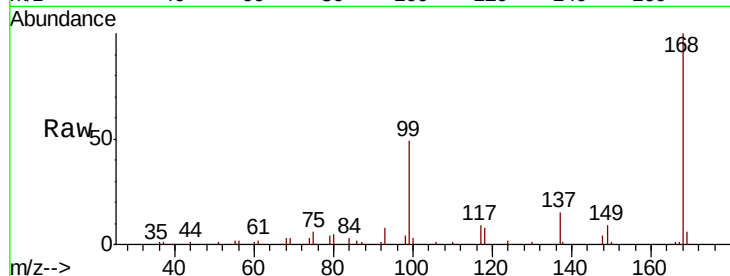
VX0904WBS01

Tot Ion:168 Resp: 177454

Ion Ratio Lower Upper

168 100

99 49.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

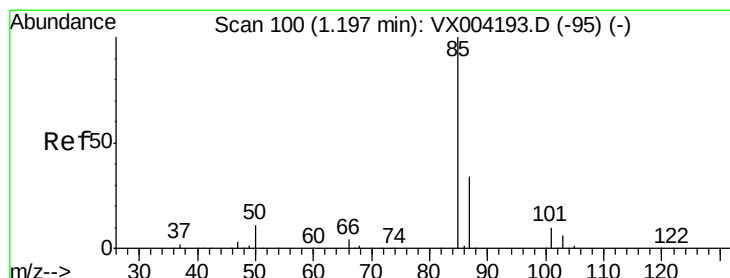
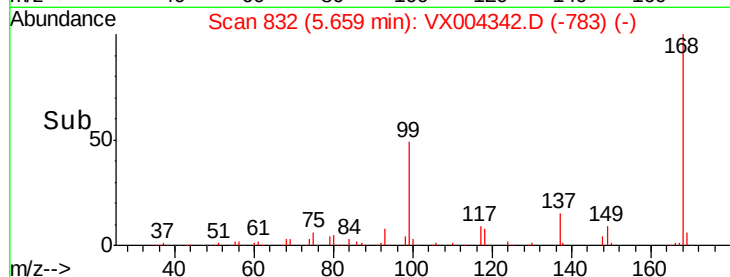
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 12.86 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004342.D

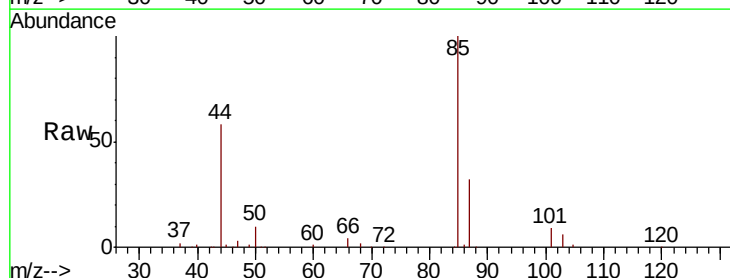
Acq: 04 Sep 2018 13:04

Tgt Ion: 85 Resp: 26430

Ion Ratio Lower Upper

85 100

87 31.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

25000

20000

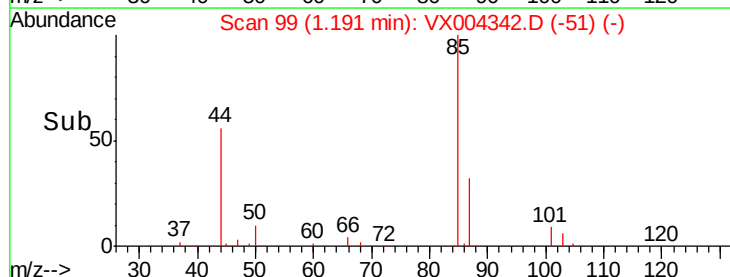
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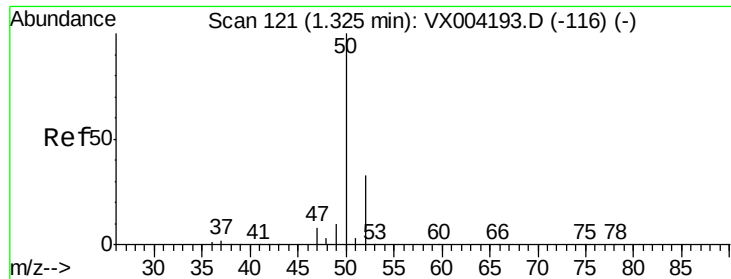
10000

5000

0

Time--> 1.15 1.20 1.25

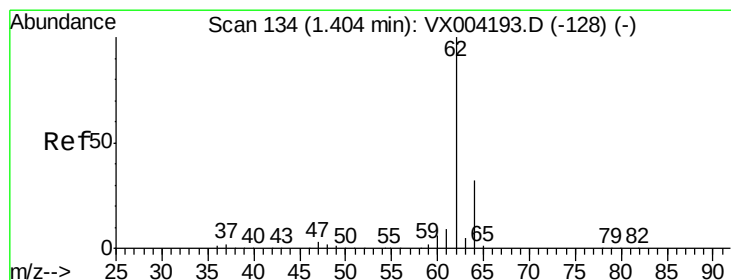
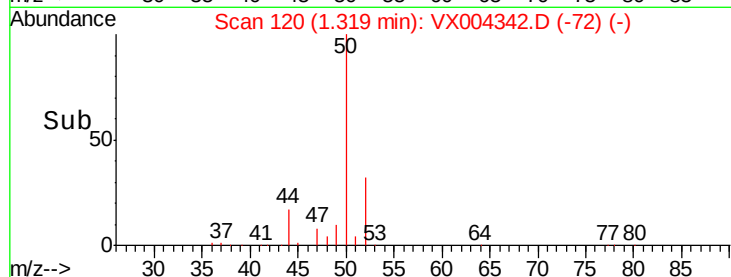
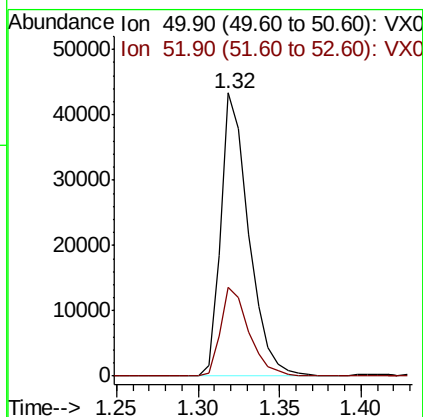
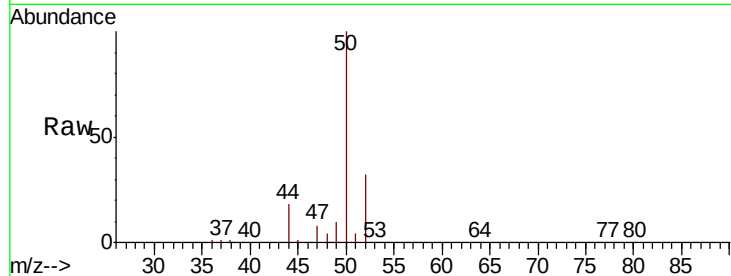




#3
Chloromethane
Concen: 23.05 ug/l
RT: 1.32 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

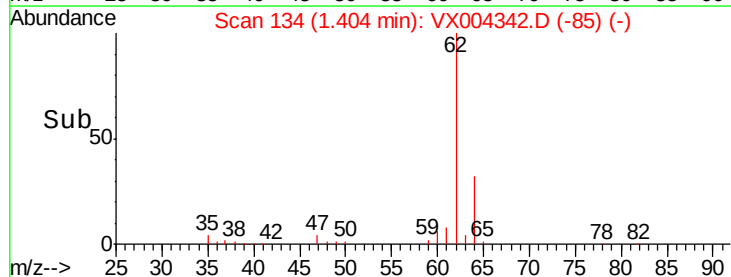
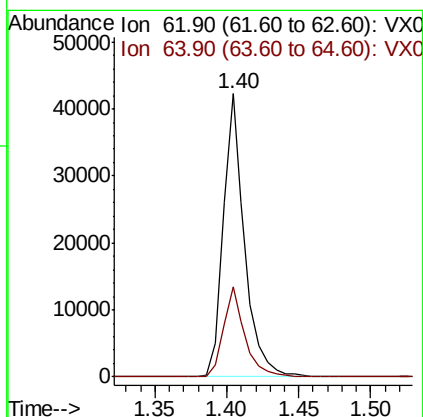
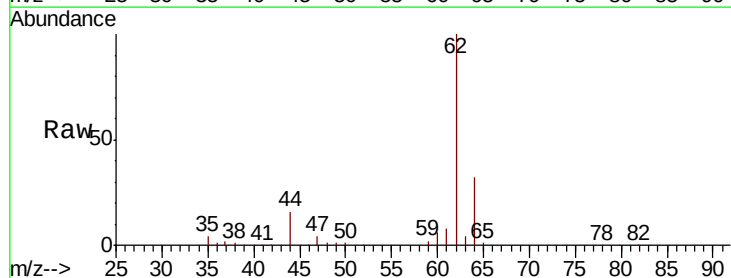
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS01

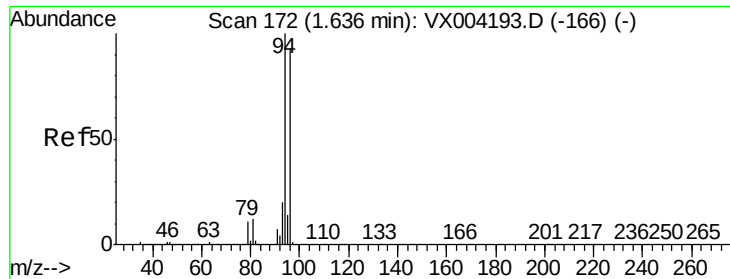
Tot Ion: 50 Resp: 52008
Ion Ratio Lower Upper
50 100
52 31.6 26.2 39.2



#4
Vinyl Chloride
Concen: 18.82 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion: 62 Resp: 43763
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.8





#5

Bromomethane

Concen: 22.60 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

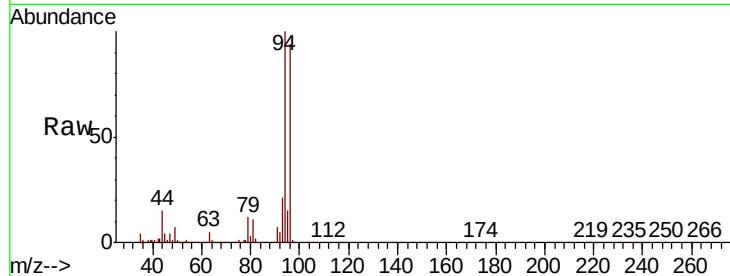
VX0904WBS01

Tot Ion: 94 Resp: 27178

Ion Ratio Lower Upper

94 100

96 94.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

30000

25000

20000

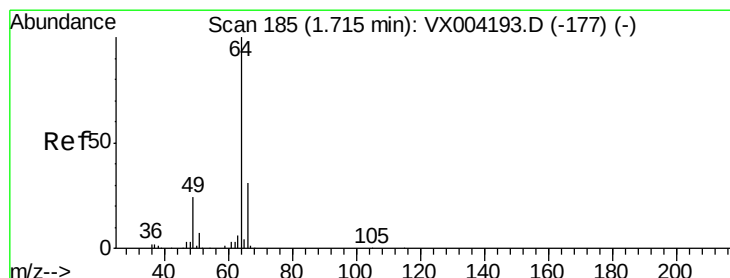
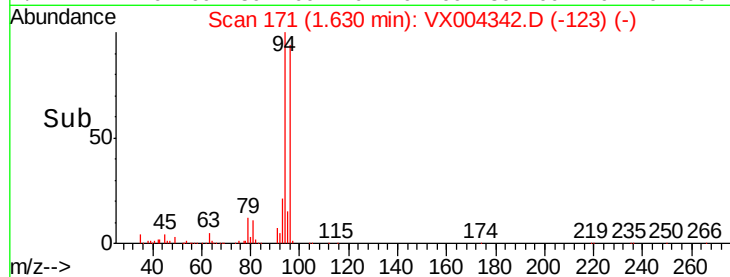
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 22.16 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004342.D

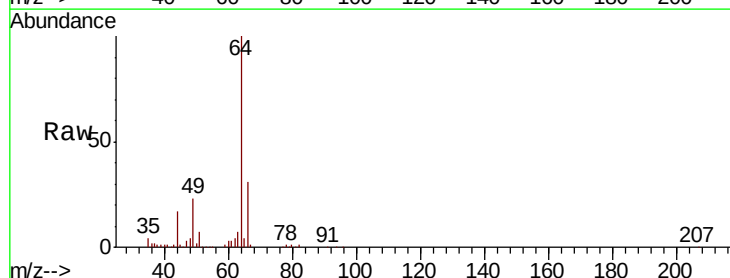
Acq: 04 Sep 2018 13:04

Tgt Ion: 64 Resp: 38025

Ion Ratio Lower Upper

64 100

66 31.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

25000

20000

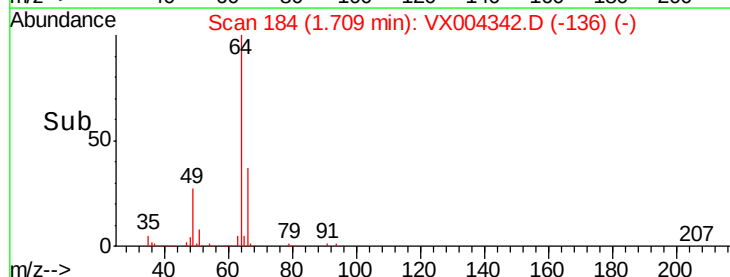
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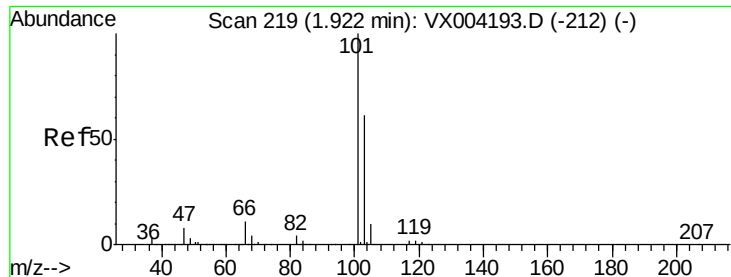
10000

5000

0

Time-->



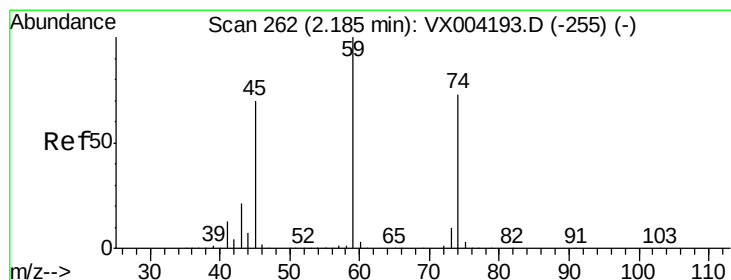
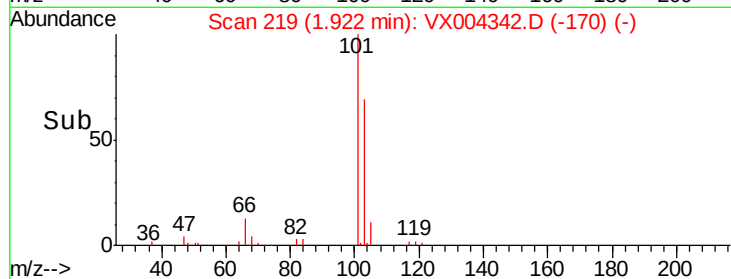
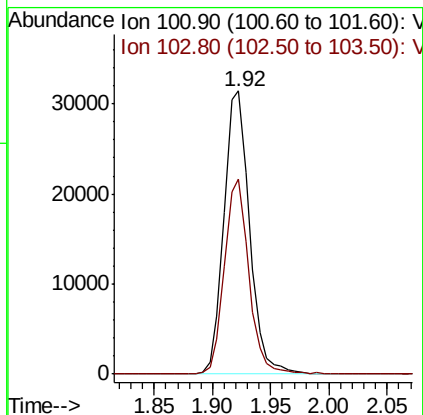
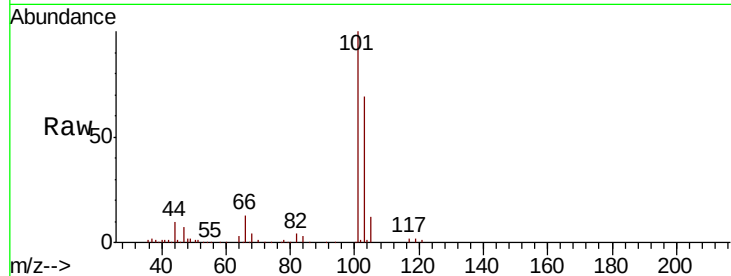


#7

Trichlorofluoromethane
 Concen: 15.09 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS01

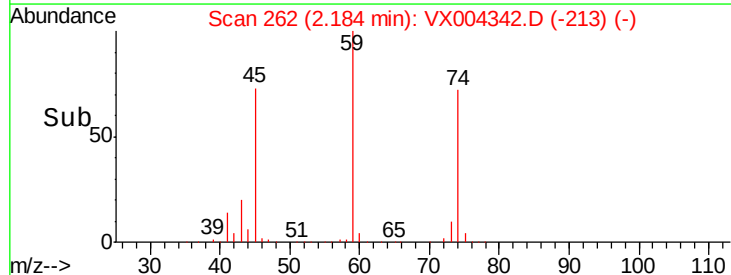
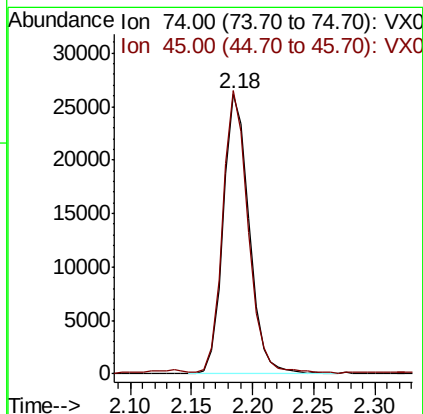
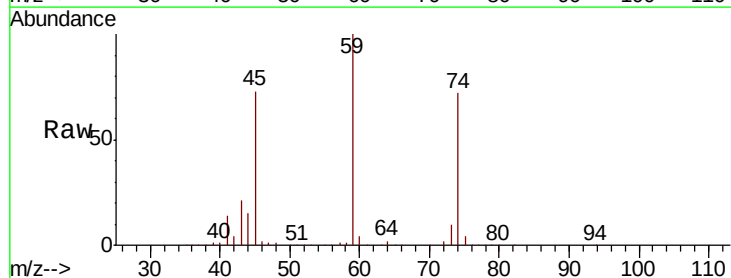
Tot Ion:101 Resp: 48070
 Ion Ratio Lower Upper
 101 100
 103 68.9 48.9 73.3

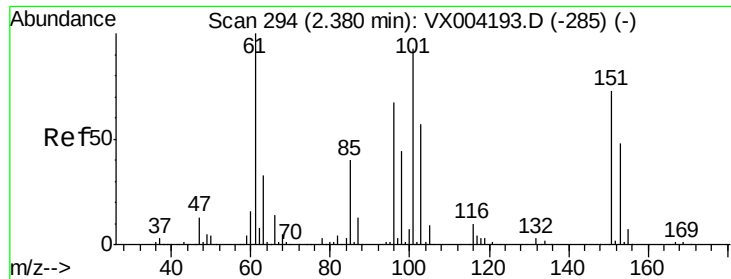


#8

Diethyl Ether
 Concen: 28.08 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Tgt Ion: 74 Resp: 38314
 Ion Ratio Lower Upper
 74 100
 45 99.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.71 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS01

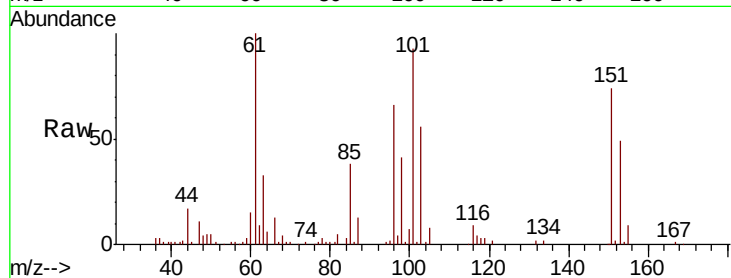
Tot Ion:101 Resp: 27367

Ion Ratio Lower Upper

101 100

85 42.0 34.2 51.4

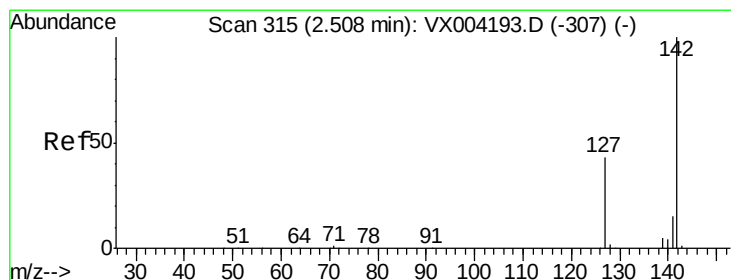
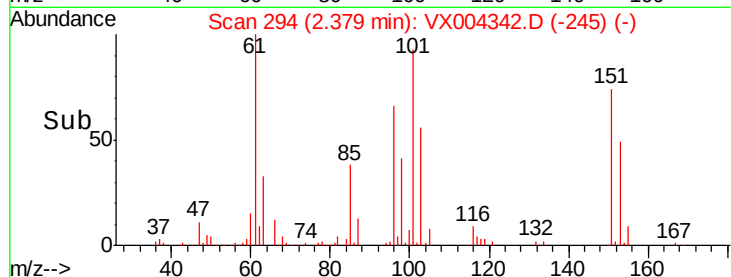
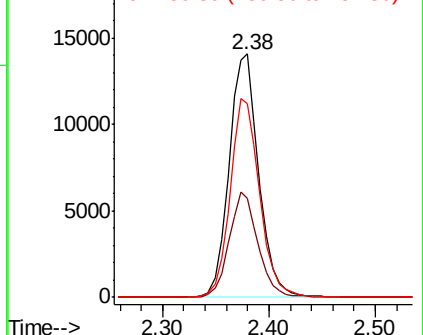
151 81.4 65.0 97.6



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: 20.35 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

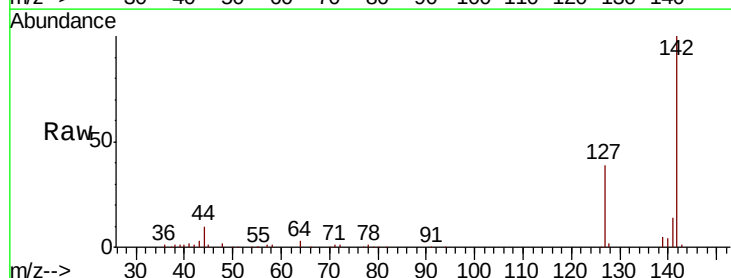
Tgt Ion:142 Resp: 39595

Ion Ratio Lower Upper

142 100

127 40.4 33.8 50.6

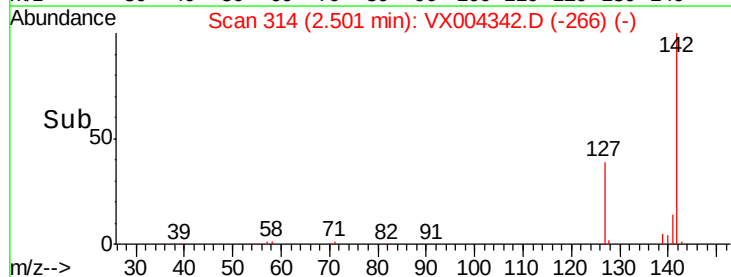
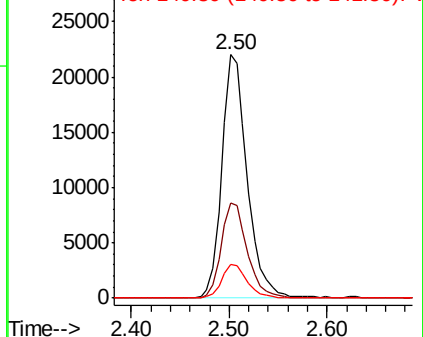
141 13.9 11.4 17.0

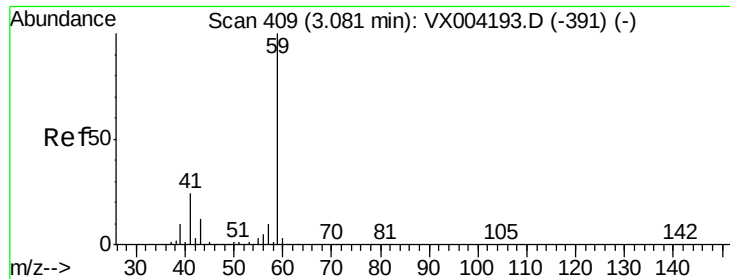


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

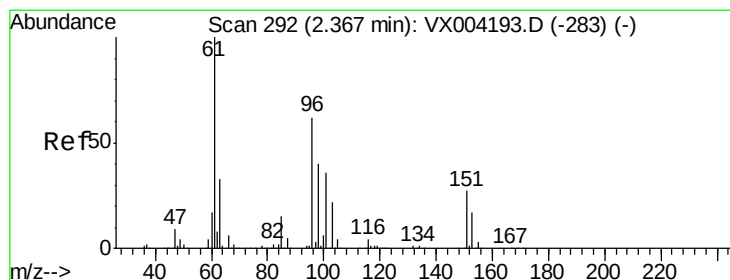
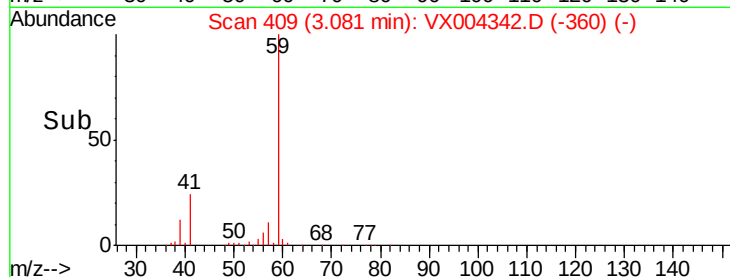
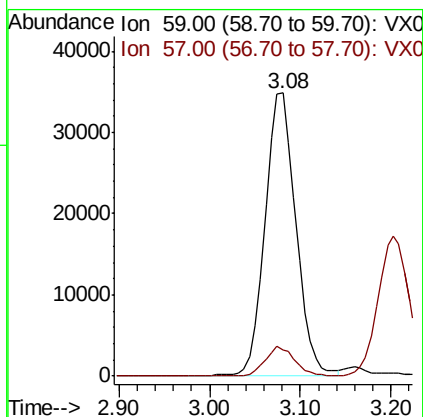
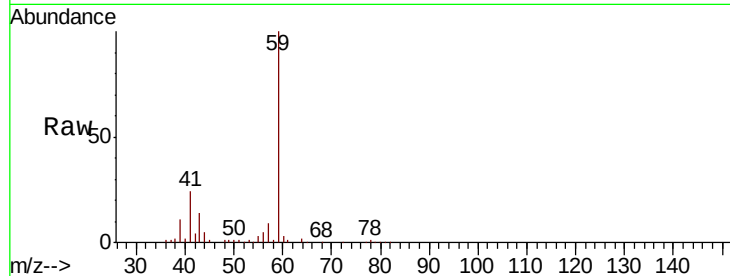




#11
Tert butyl alcohol
Concen: 166.76 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

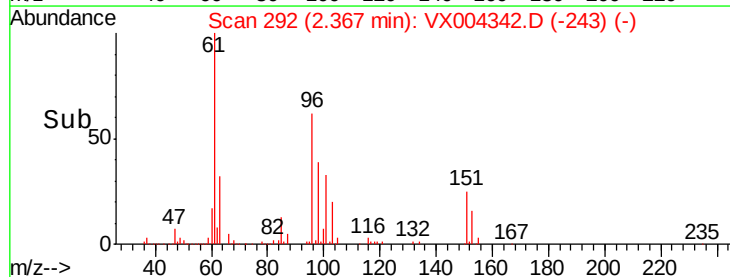
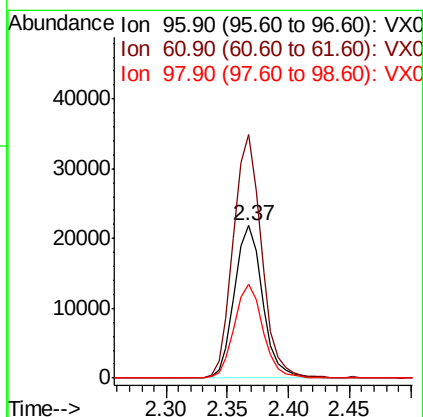
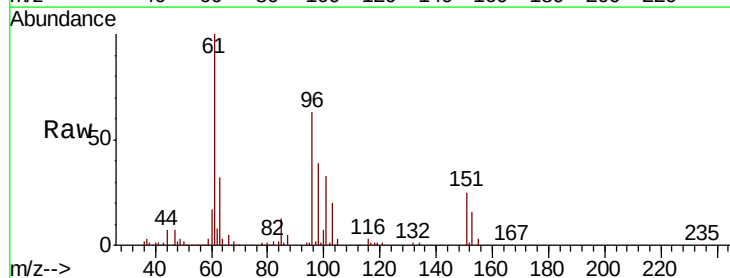
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS01

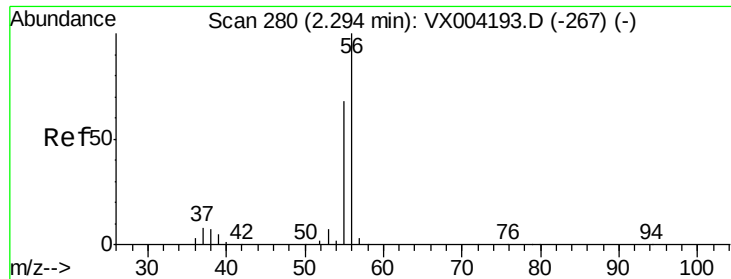
Tot Ion: 59 Resp: 82218
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.61 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion: 96 Resp: 34984
Ion Ratio Lower Upper
96 100
61 159.6 128.8 193.2
98 61.6 52.2 78.2

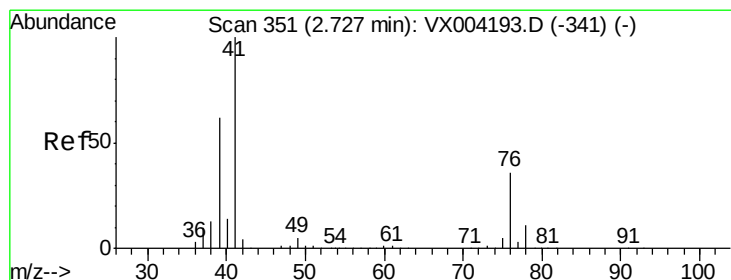
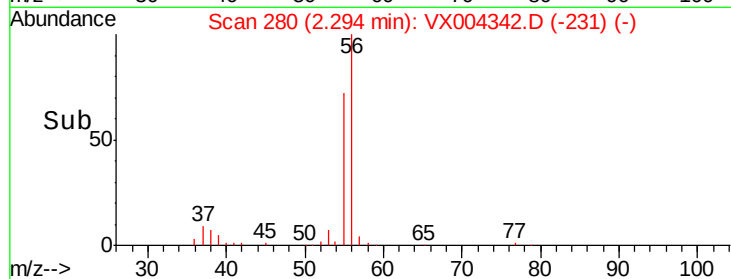
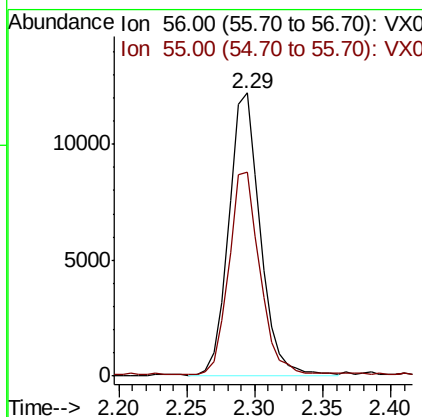
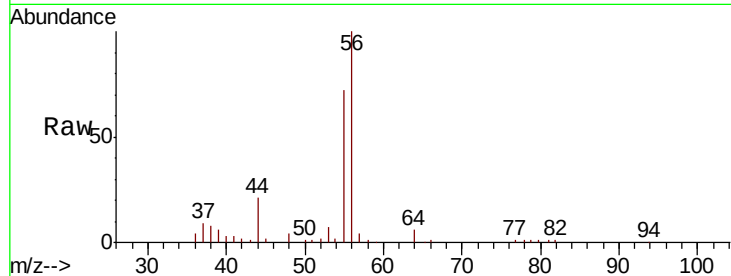




#13
 Acrolein
 Concen: 165.86 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

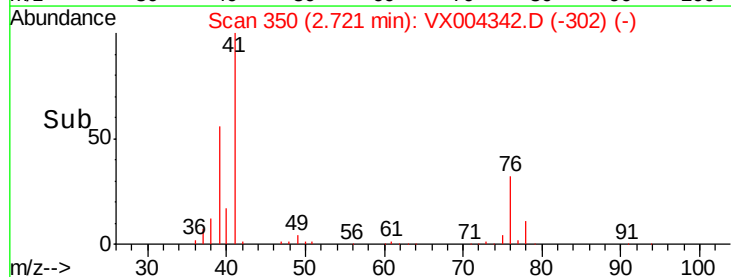
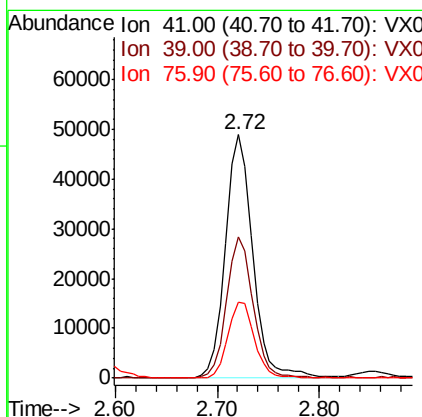
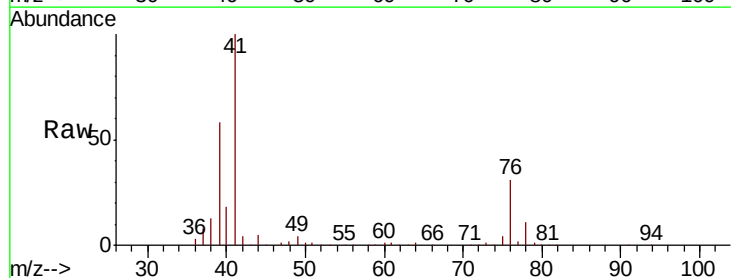
Instrument :
 MSVOA_X
 ClientSampled :
 VX0904WBS01

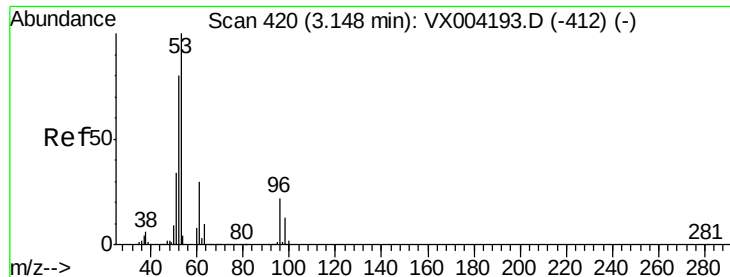
Tot Ion: 56 Resp: 19714
 Ion Ratio Lower Upper
 56 100
 55 69.8 54.7 82.1



#14
 Allyl chloride
 Concen: 26.12 ug/l
 RT: 2.72 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Tgt Ion: 41 Resp: 90231
 Ion Ratio Lower Upper
 41 100
 39 55.7 48.9 73.3
 76 30.5 26.7 40.1





#15

Acrylonitrile

Concen: 158.17 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS01

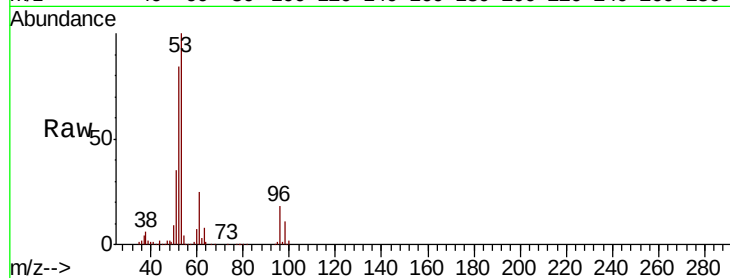
Tot Ion: 53 Resp: 193121

Ion Ratio Lower Upper

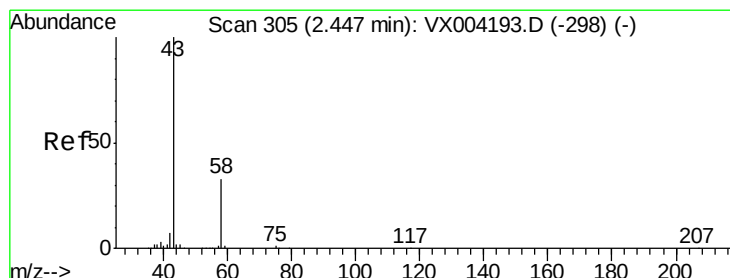
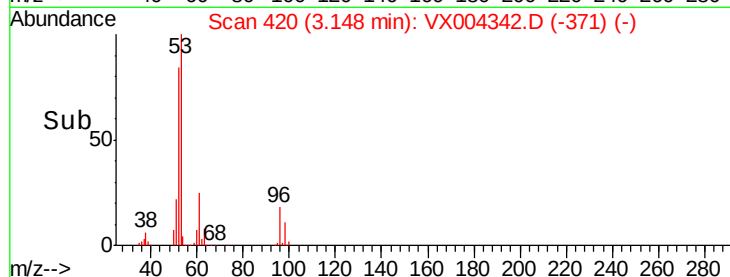
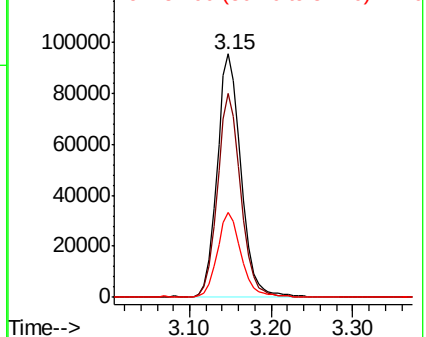
53 100

52 81.8 65.2 97.8

51 35.0 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: 170.48 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004342.D

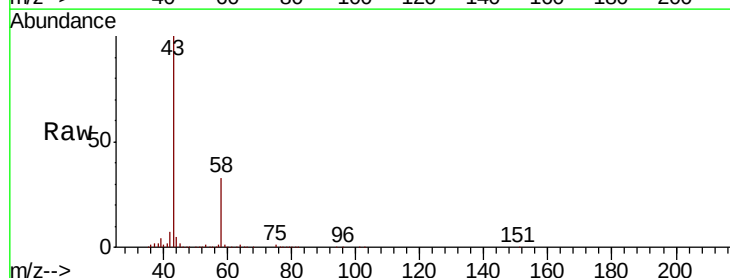
Acq: 04 Sep 2018 13:04

Tgt Ion: 43 Resp: 163385

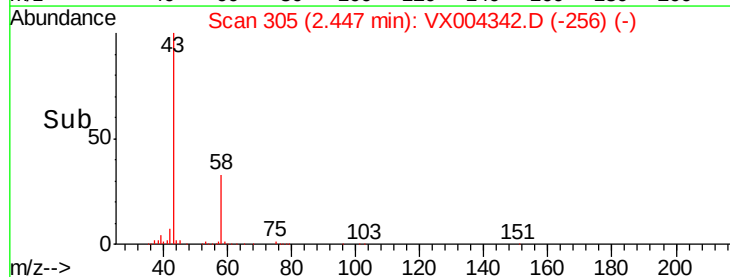
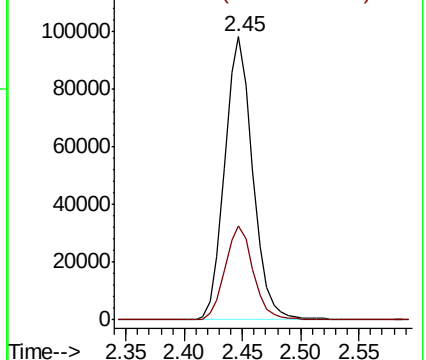
Ion Ratio Lower Upper

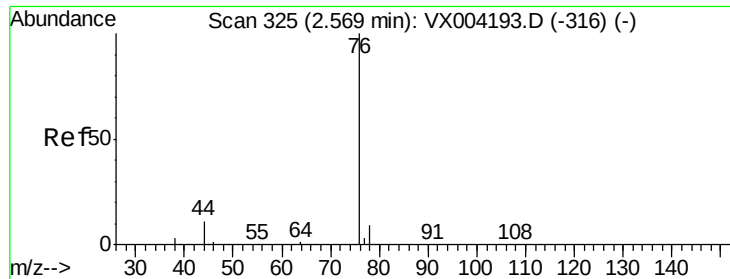
43 100

58 33.1 26.2 39.4



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

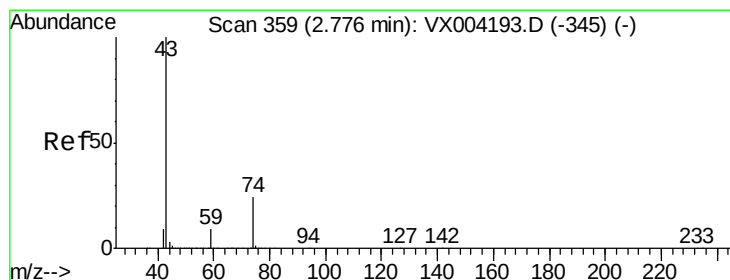
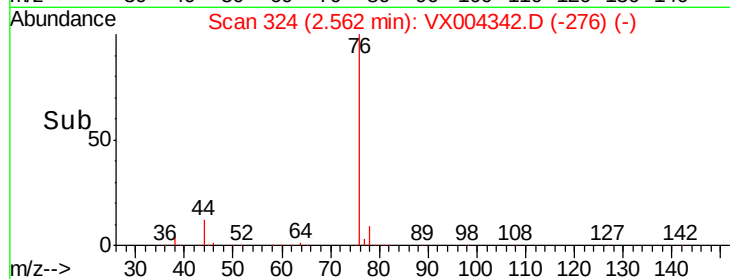
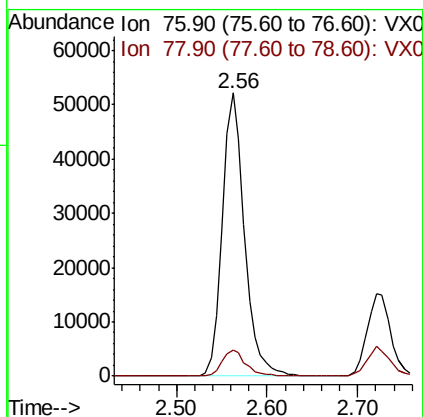
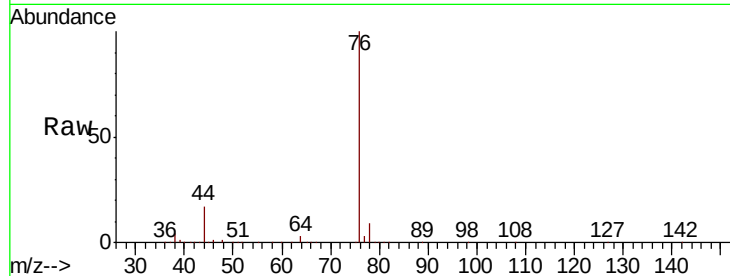




#17
Carbon Disulfide
Concen: 17.53 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

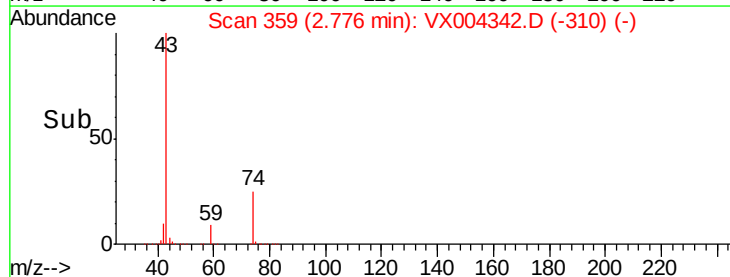
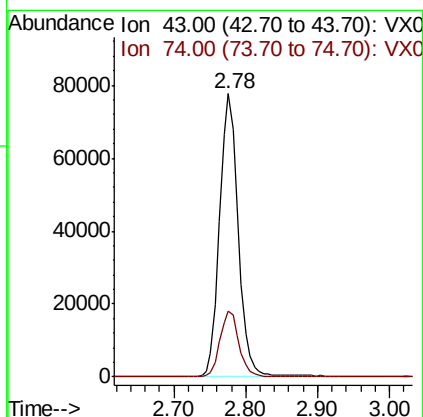
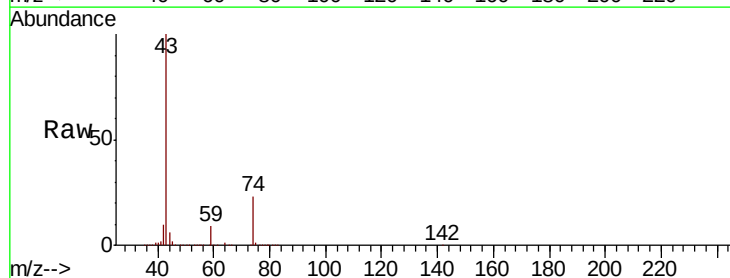
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS01

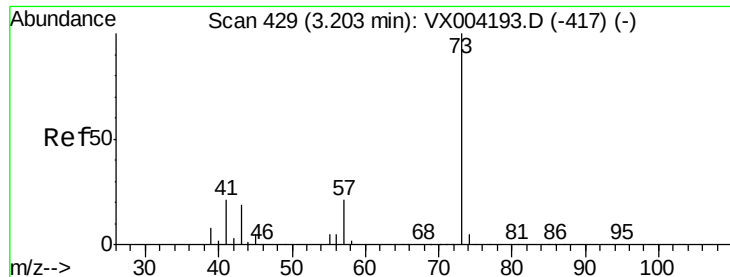
Tot Ion: 76 Resp: 88766
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 40.44 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion: 43 Resp: 138814
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2

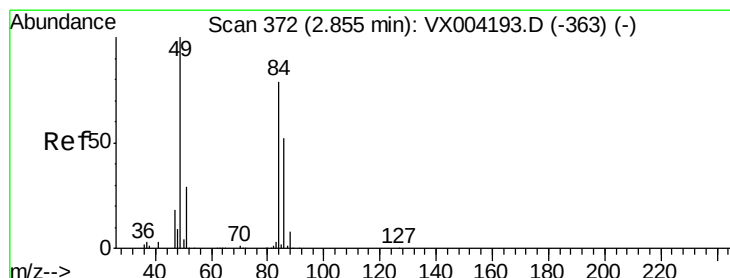
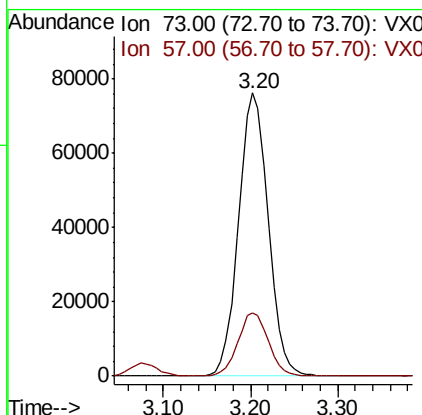
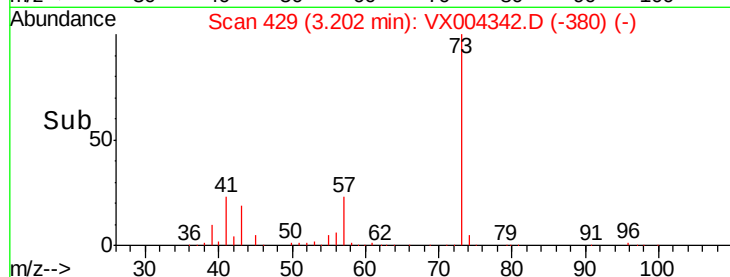
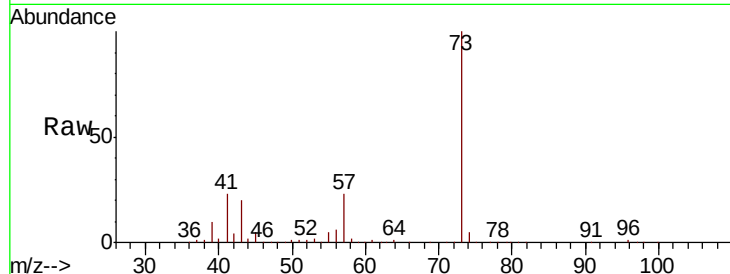




#19
Methyl tert-butyl Ether
Concen: 29.02 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

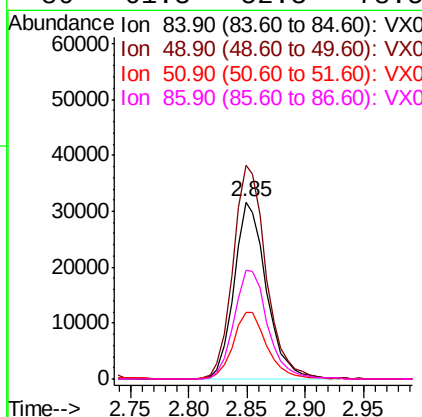
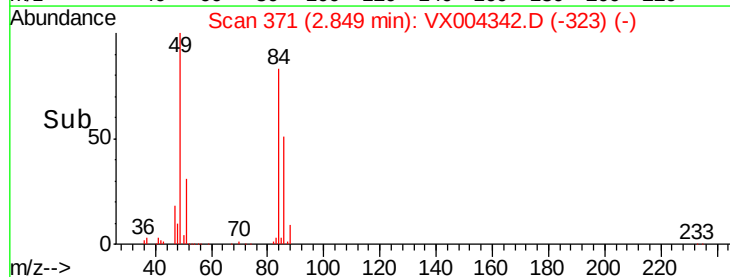
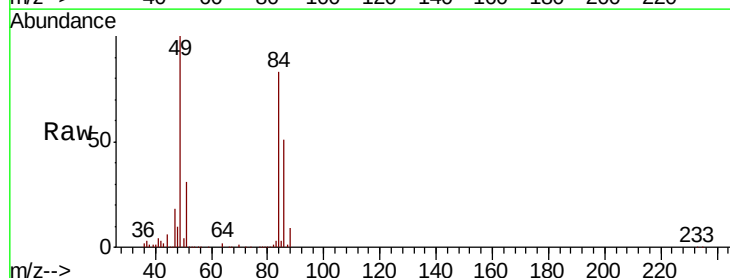
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS01

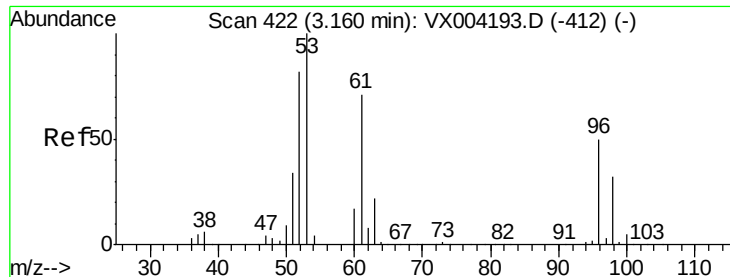
Tot Ion: 73 Resp: 179800
Ion Ratio Lower Upper
73 100
57 22.4 17.1 25.7



#20
Methylene Chloride
Concen: 27.57 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion: 84 Resp: 61392
Ion Ratio Lower Upper
84 100
49 120.9 101.2 151.8
51 37.8 29.5 44.3
86 61.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 21.86 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS01

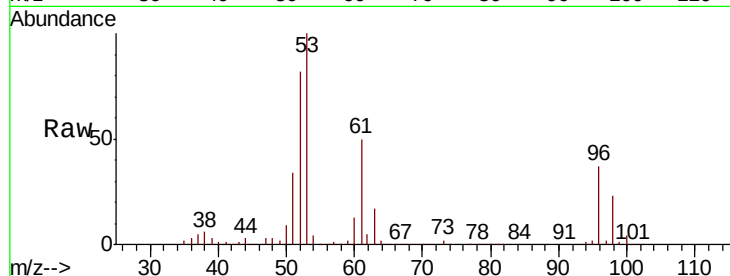
Tot Ion: 96 Resp: 45478

Ion Ratio Lower Upper

96 100

61 136.2 113.8 170.6

98 62.0 51.8 77.8

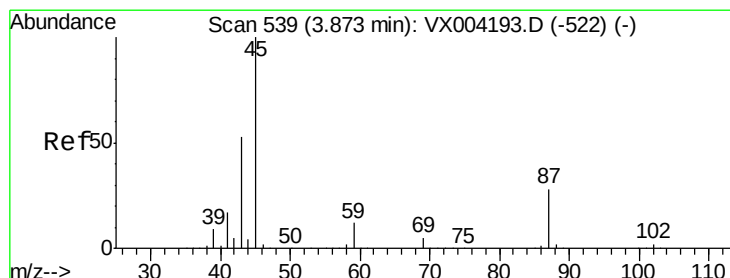
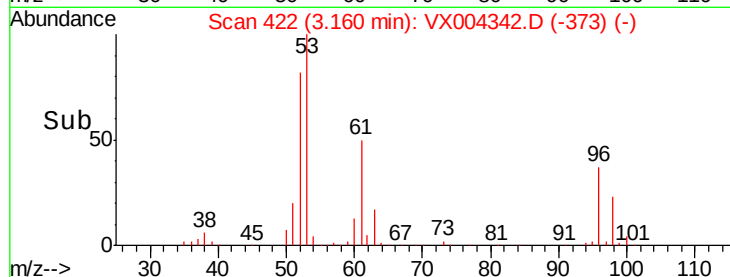
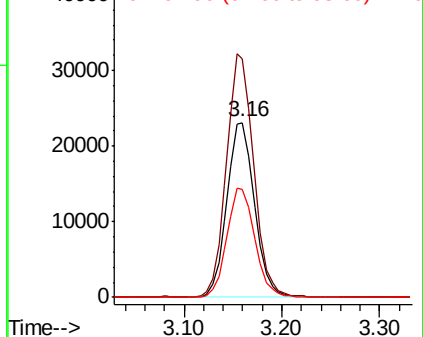


Abundance

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: 27.16 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Tgt Ion: 45 Resp: 175154

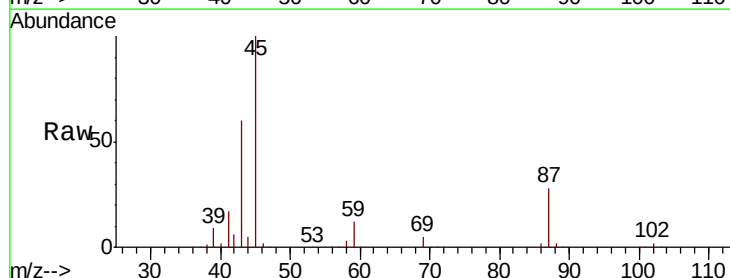
Ion Ratio Lower Upper

45 100

43 59.5 42.8 64.2

87 27.5 22.6 34.0

59 11.7 9.6 14.4



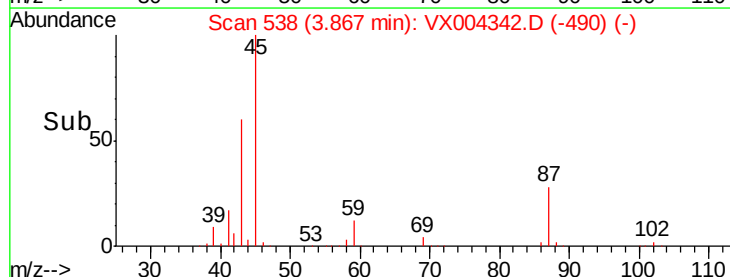
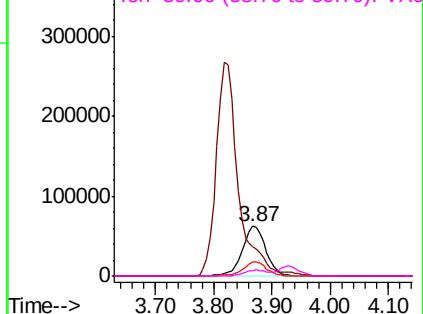
Abundance

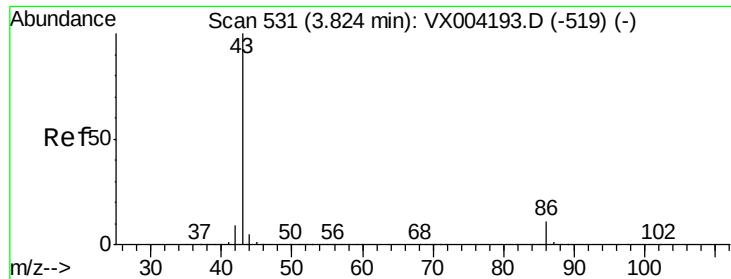
Ion 45.00 (44.70 to 45.70): VX0

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: 134.23 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

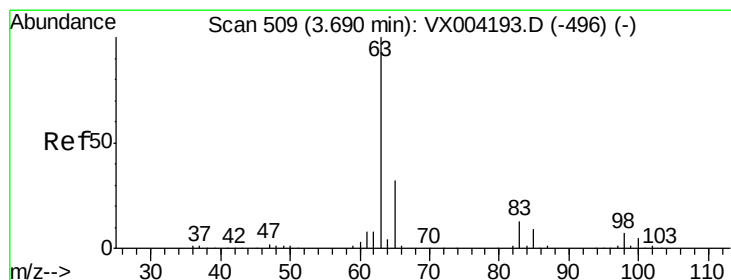
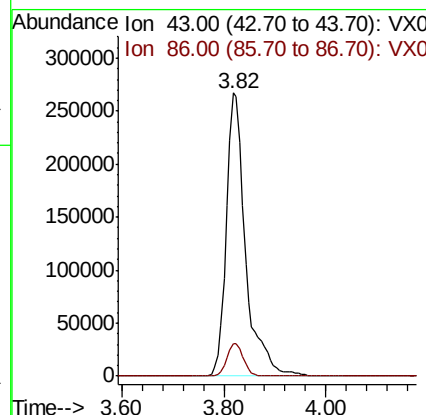
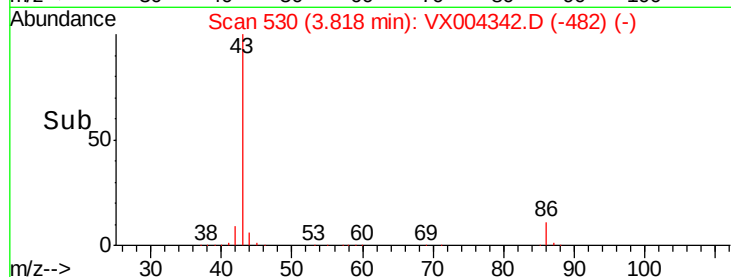
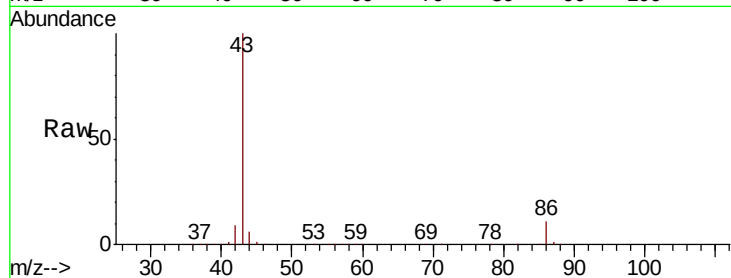
VX0904WBS01

Tot Ion: 43 Resp: 701592

Ion Ratio Lower Upper

43 100

86 11.4 8.9 13.3



#24

1,1-Dichloroethane

Concen: 25.18 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

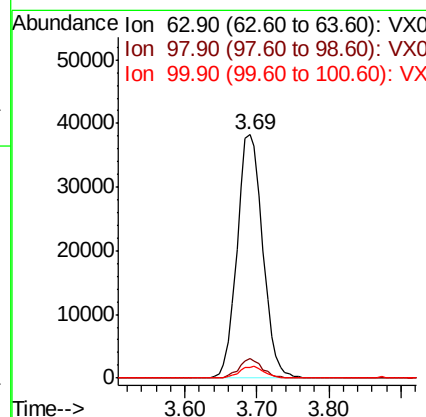
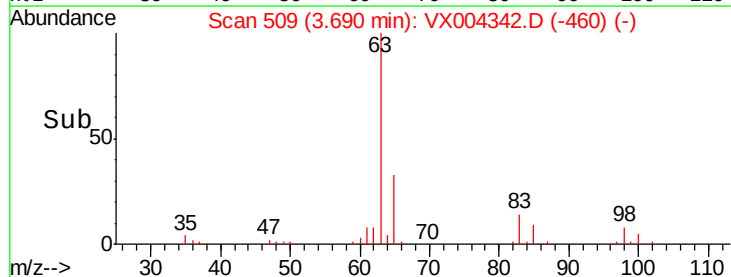
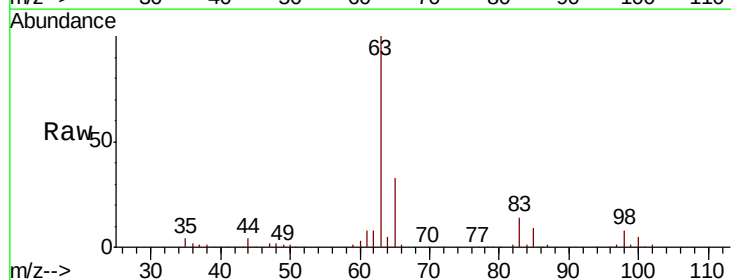
Tgt Ion: 63 Resp: 94631

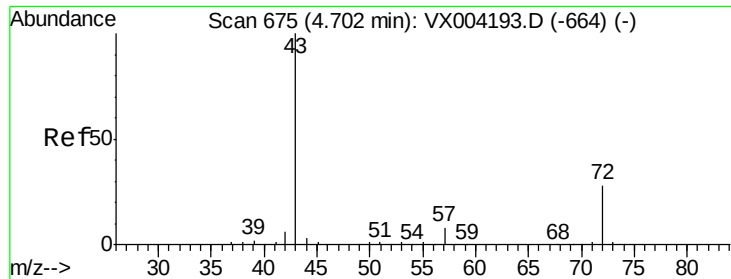
Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.4

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 158.83 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

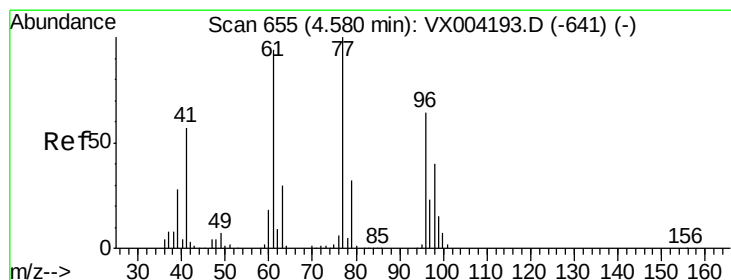
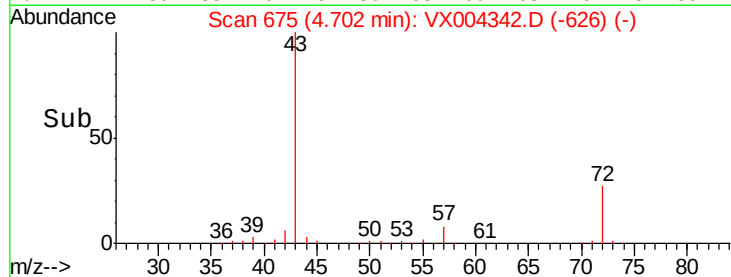
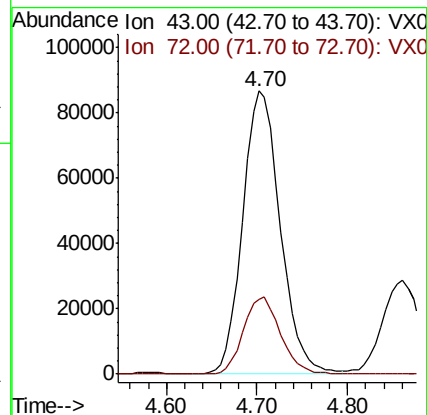
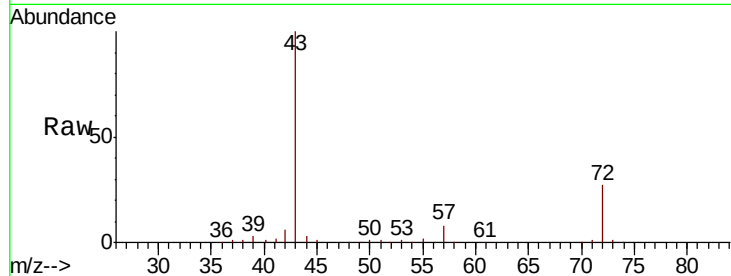
VX0904WBS01

Tot Ion: 43 Resp: 247758

Ion Ratio Lower Upper

43 100

72 26.6 22.0 33.0



#26

2,2-Dichloropropane

Concen: 21.08 ug/l

RT: 4.57 min Scan# 654

Delta R.T. -0.01 min

Lab File: VX004342.D

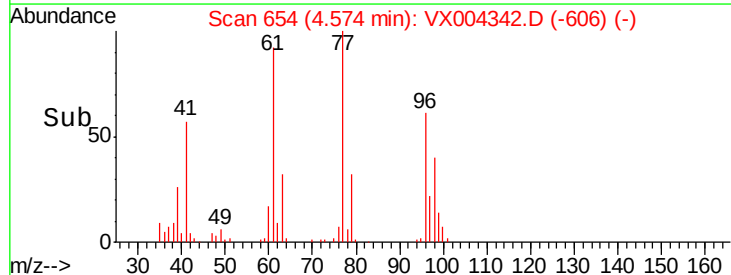
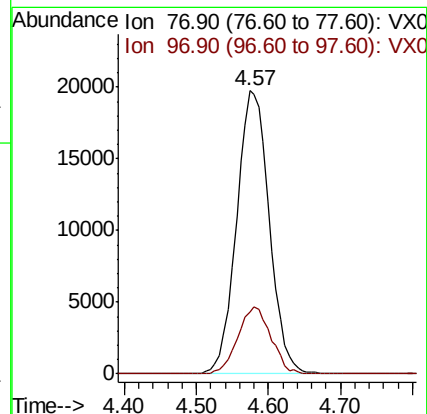
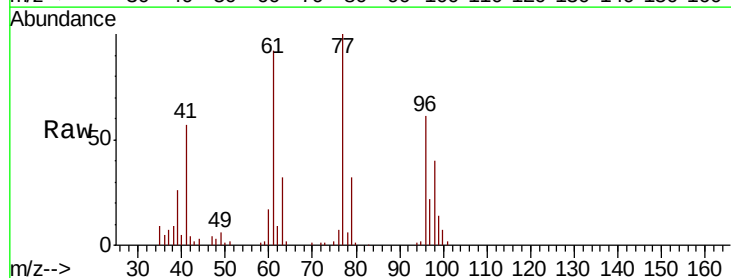
Acq: 04 Sep 2018 13:04

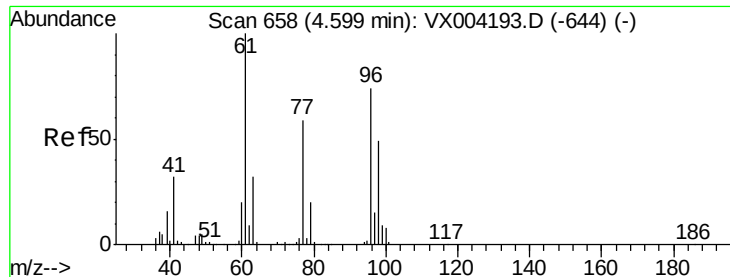
Tgt Ion: 77 Resp: 62135

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 24.45 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS01

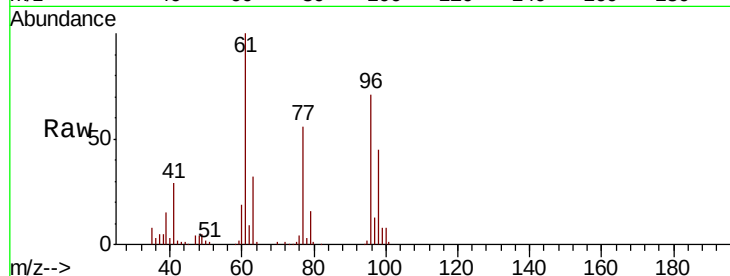
Tot Ion: 96 Resp: 57701

Ion Ratio Lower Upper

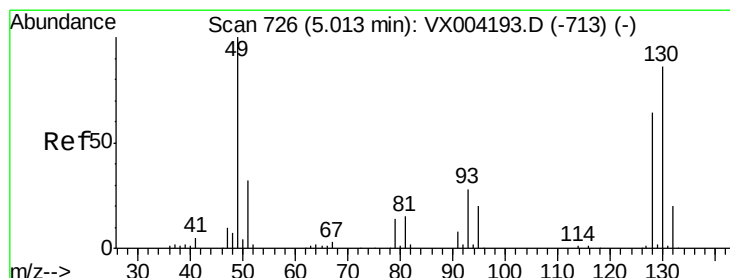
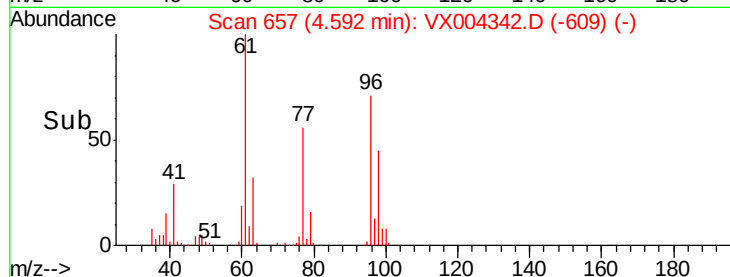
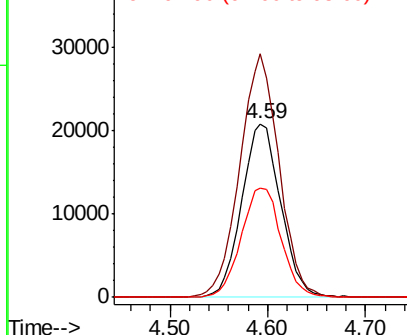
96 100

61 141.2 0.0 282.6

98 64.7 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: 29.22 ug/l

RT: 5.01 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

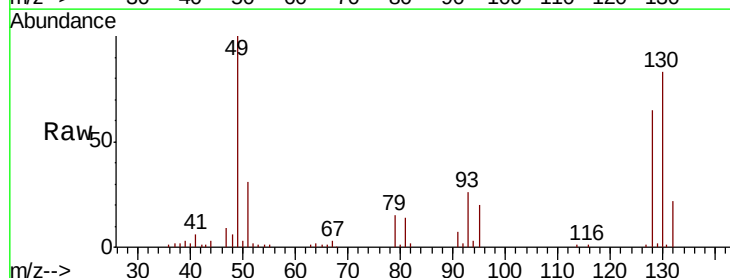
Tgt Ion: 49 Resp: 48621

Ion Ratio Lower Upper

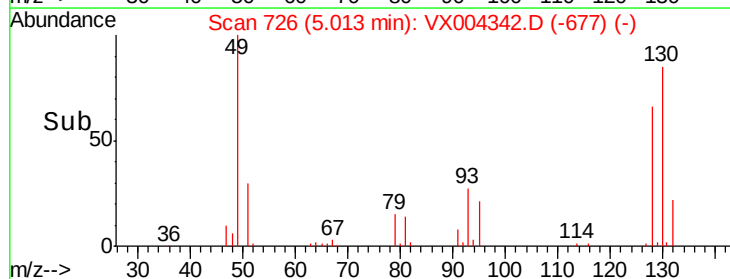
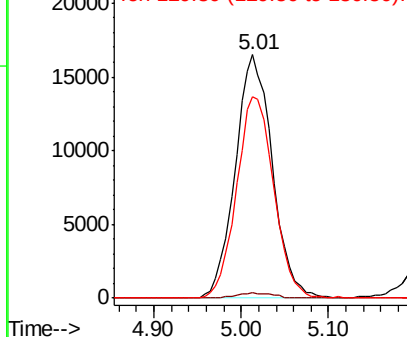
49 100

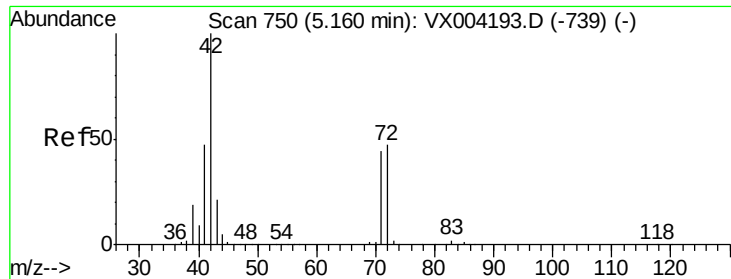
129 2.0 0.0 4.2

130 83.3 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

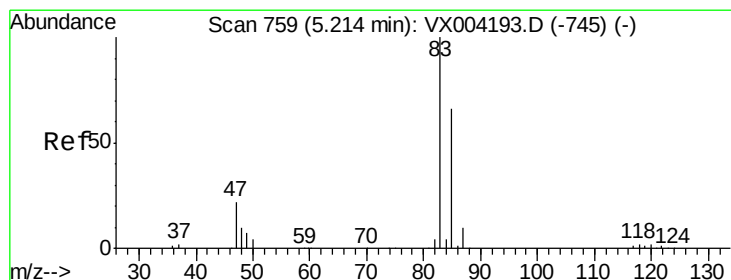
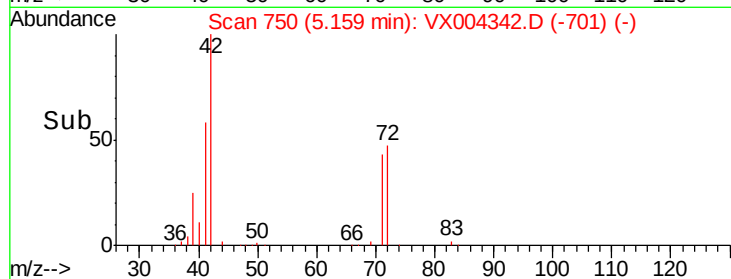
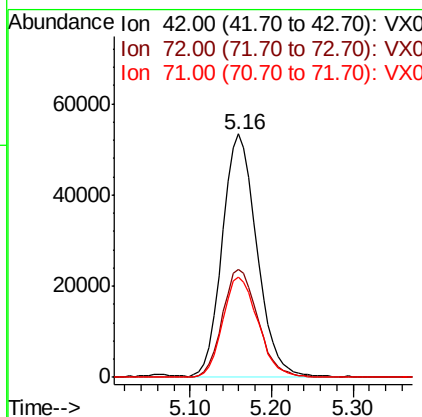
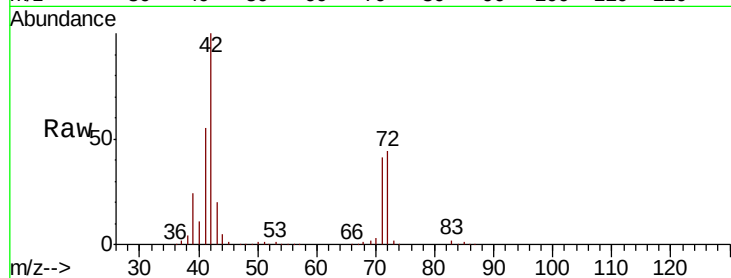




#29
Tetrahydrofuran
Concen: 156.38 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

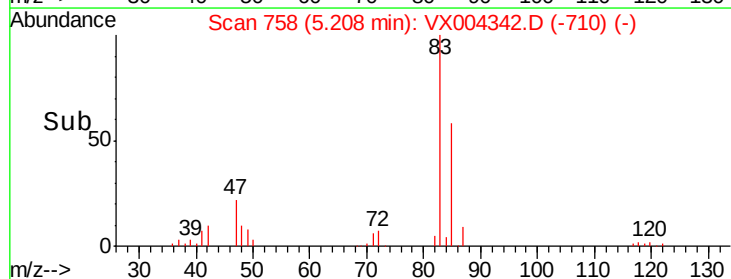
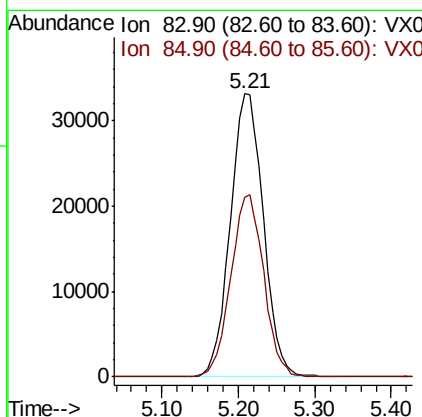
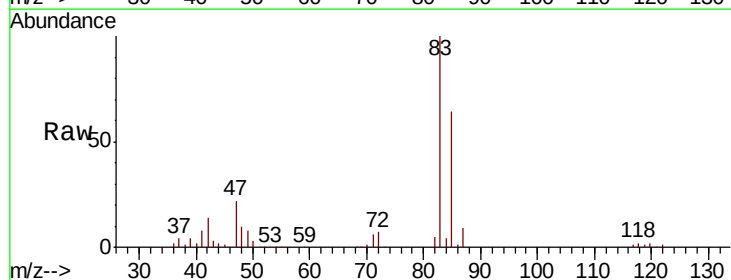
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS01

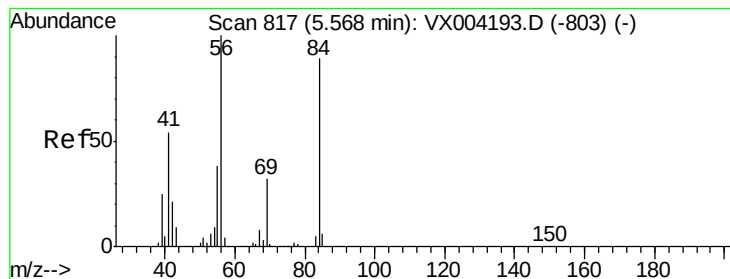
Tot Ion: 42 Resp: 155403
Ion Ratio Lower Upper
42 100
72 46.1 37.4 56.0
71 42.5 34.5 51.7



#30
Chloroform
Concen: 26.31 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion: 83 Resp: 99140
Ion Ratio Lower Upper
83 100
85 63.6 52.6 79.0





#31

Cyclohexane

Concen: 13.48 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0904WBS01

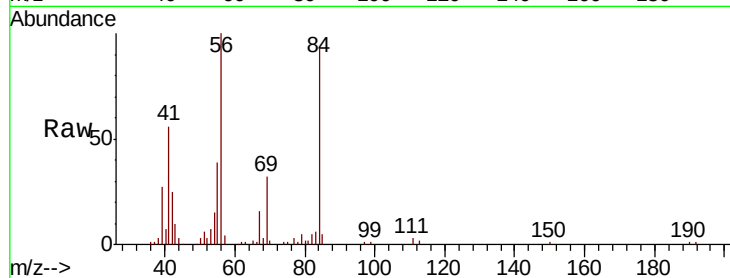
Tot Ion: 56 Resp: 43700

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.2

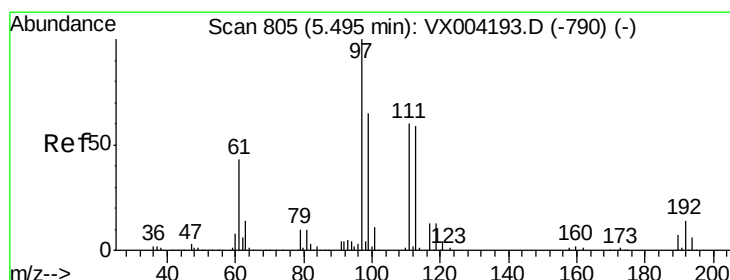
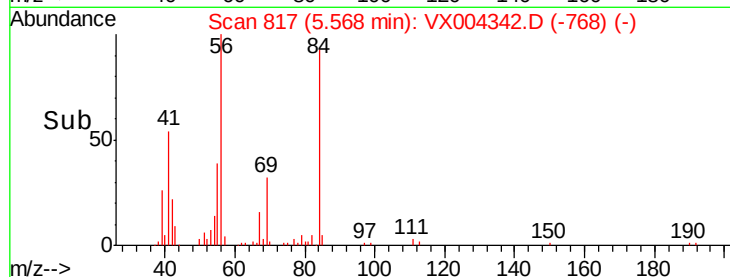
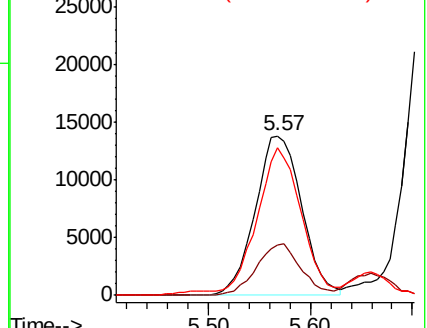
84 90.3 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.78 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

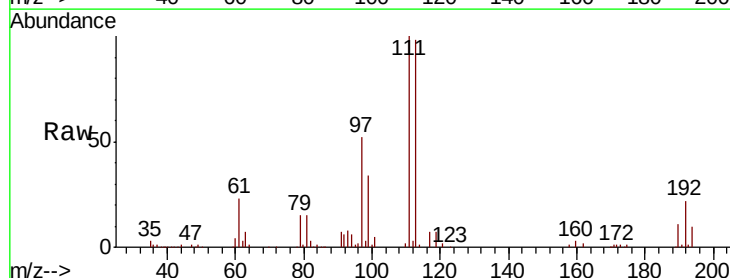
Tgt Ion: 97 Resp: 65304

Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

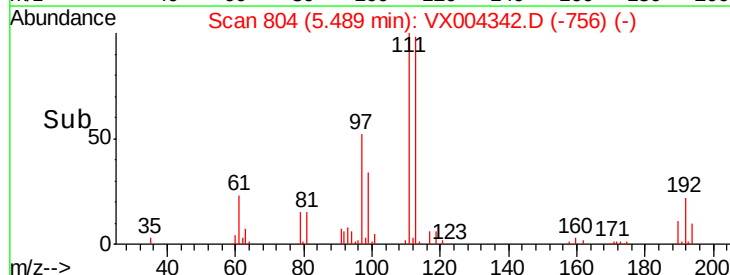
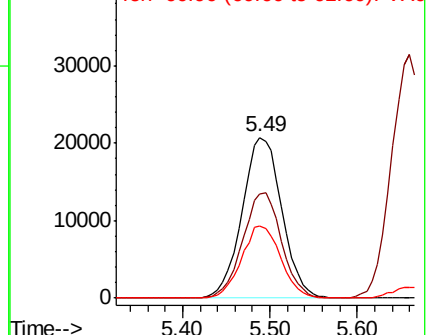
61 44.4 34.9 52.3

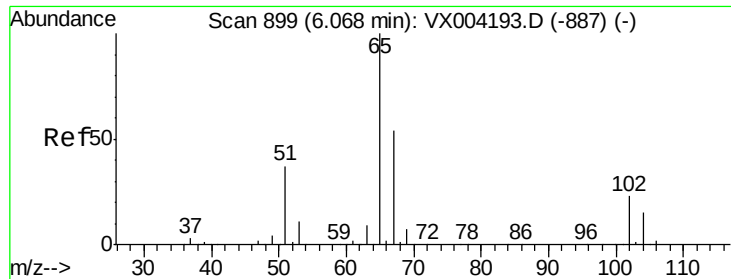


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

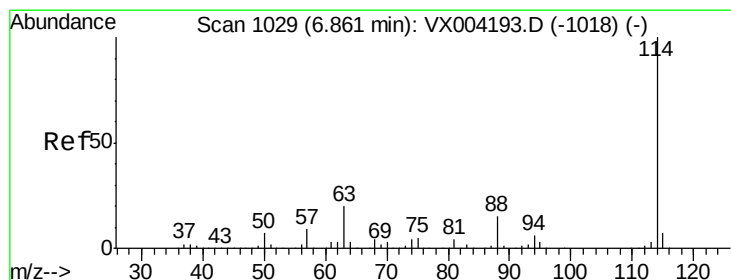
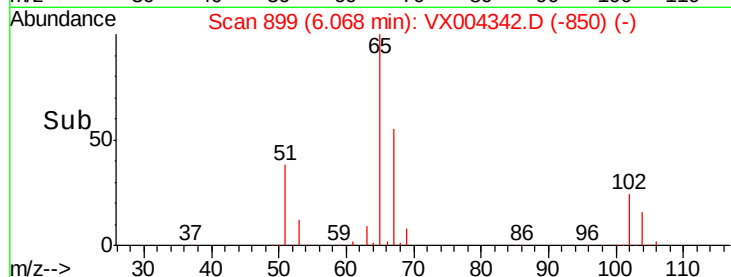
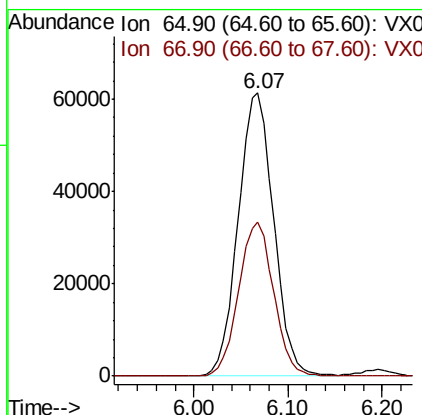
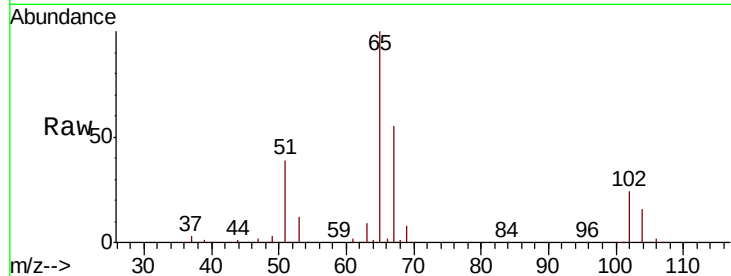




#33
 1,2-Dichloroethane-d4
 Concen: 69.51 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

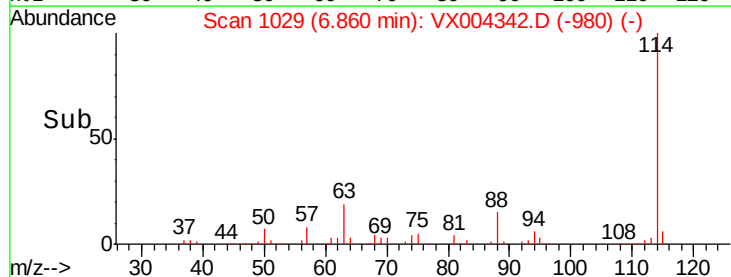
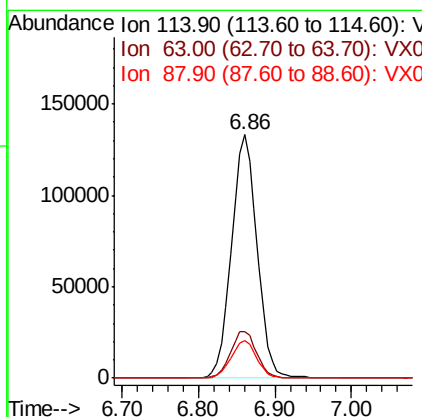
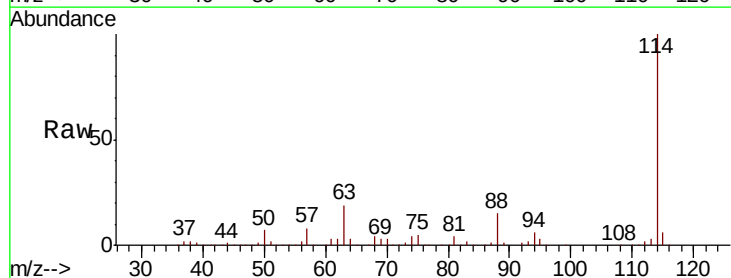
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS01

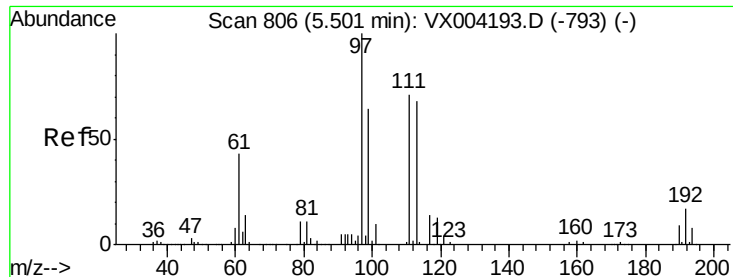
Tot Ion: 65 Resp: 160778
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Tgt Ion: 114 Resp: 307397
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 57.43 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS01

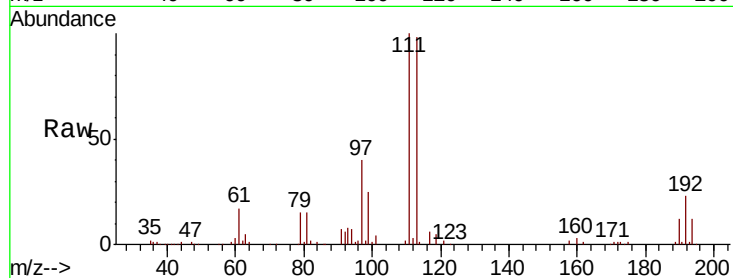
Tot Ion:113 Resp: 131343

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

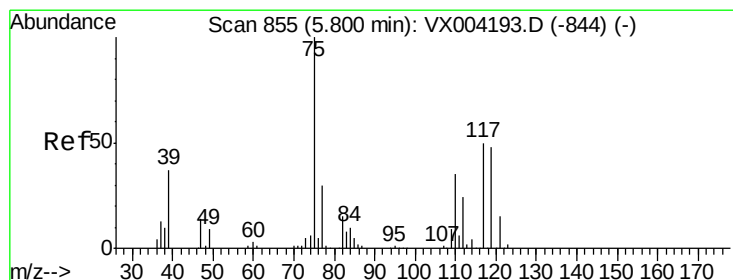
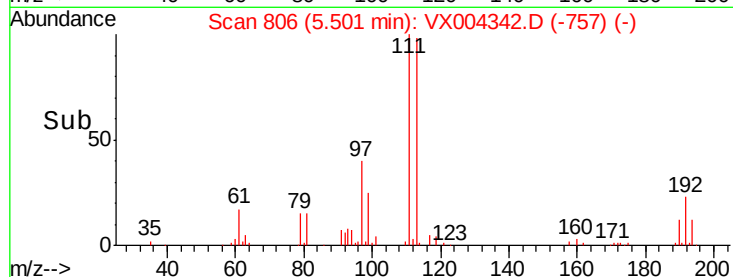
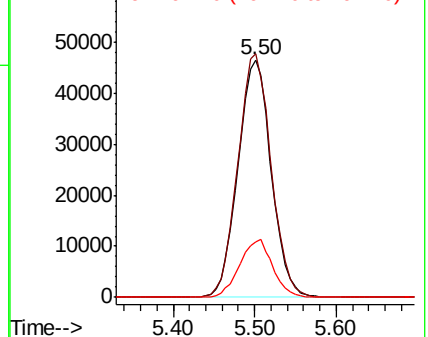
192 24.2 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 15.29 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

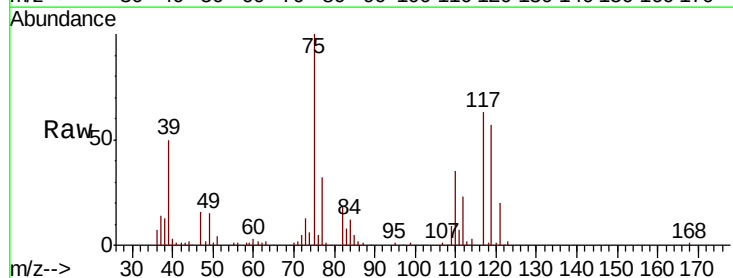
Tgt Ion: 75 Resp: 52854

Ion Ratio Lower Upper

75 100

110 36.1 18.0 54.0

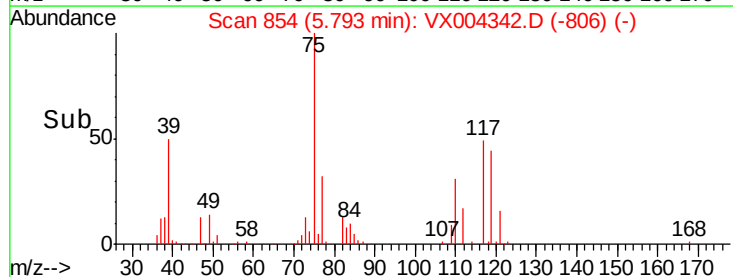
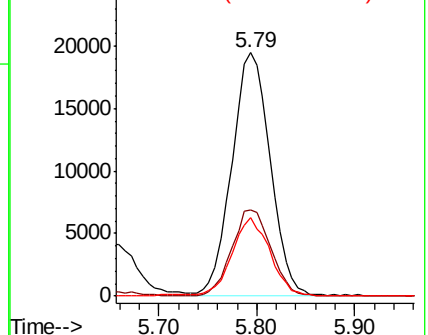
77 31.8 24.6 36.8

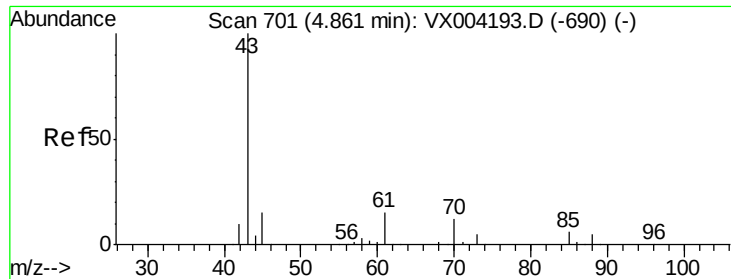


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

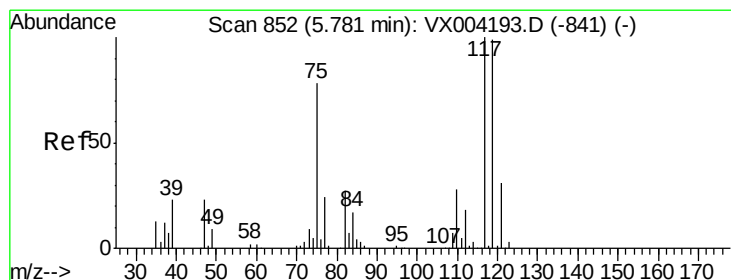
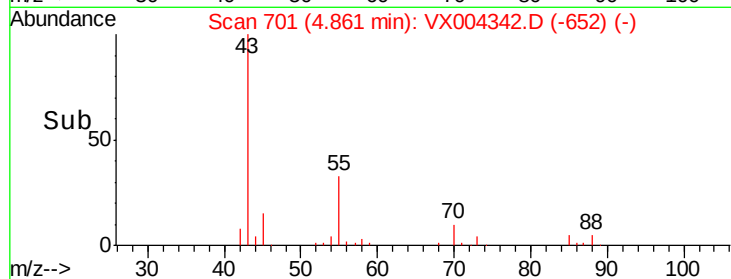
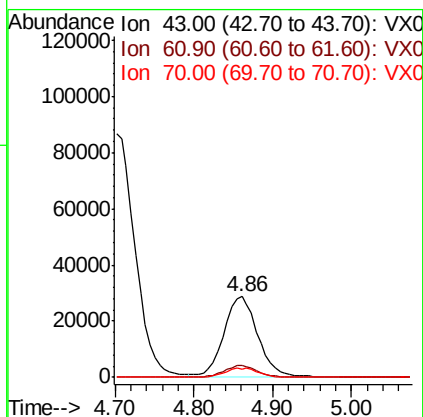
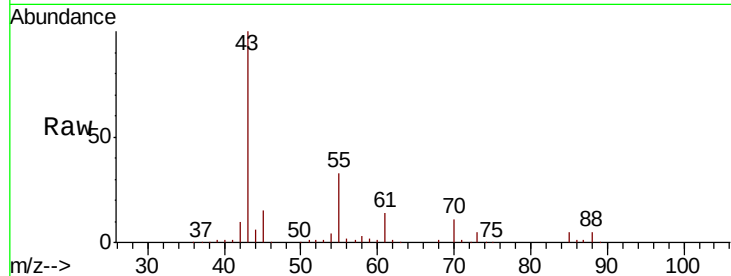




#37
Ethyl Acetate
Concen: 25.10 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

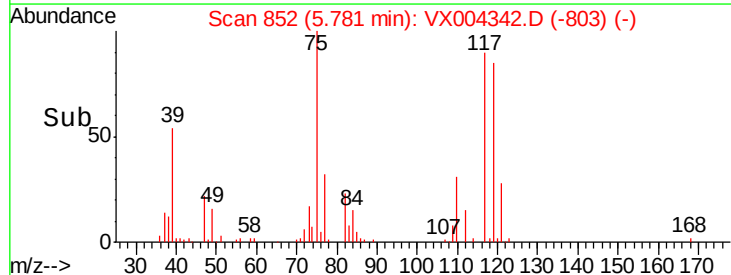
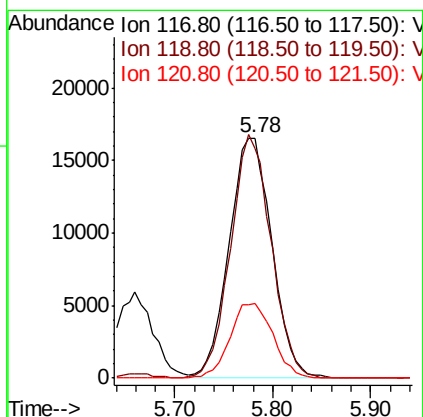
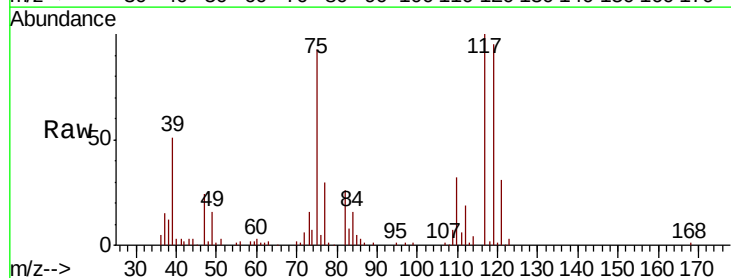
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS01

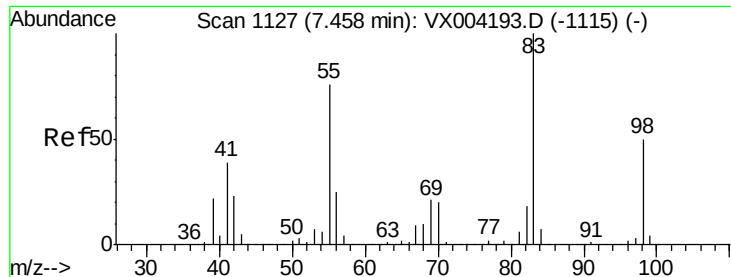
Tot Ion: 43 Resp: 85318
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 15.47 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion: 117 Resp: 50292
Ion Ratio Lower Upper
117 100
119 95.4 78.8 118.2
121 31.3 24.9 37.3

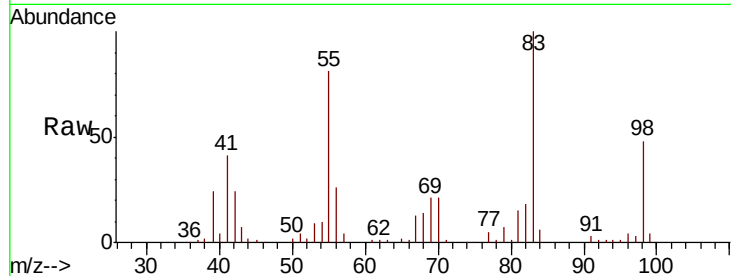




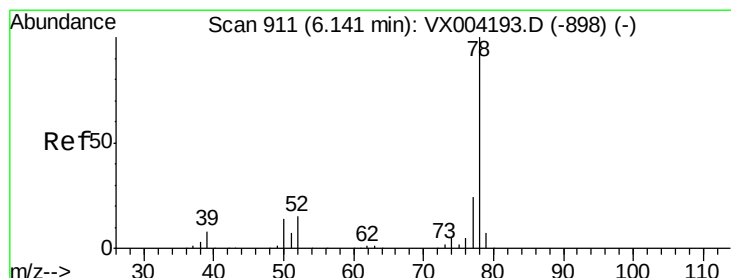
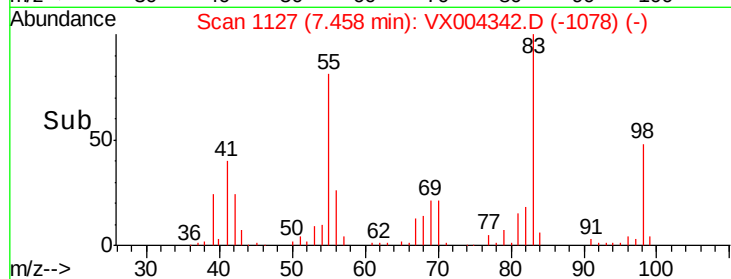
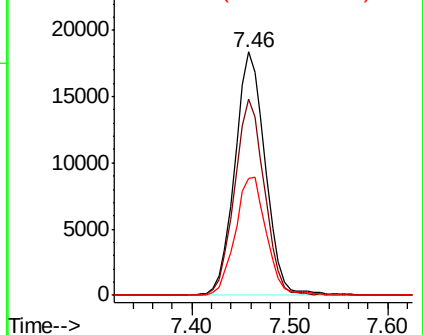
#39
Methylvlcyclohexane
Concen: 10.02 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS01

Tot Ion: 83 Resp: 39549
Ion Ratio Lower Upper
83 100
55 80.7 61.0 91.4
98 48.1 39.6 59.4

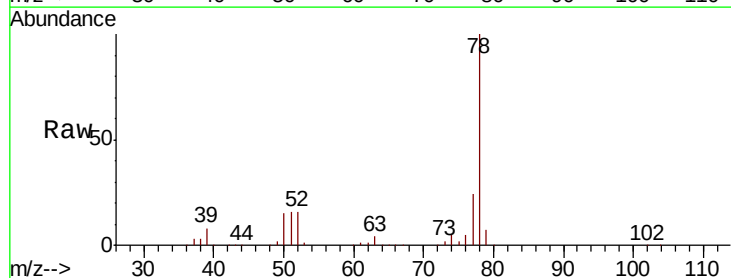


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

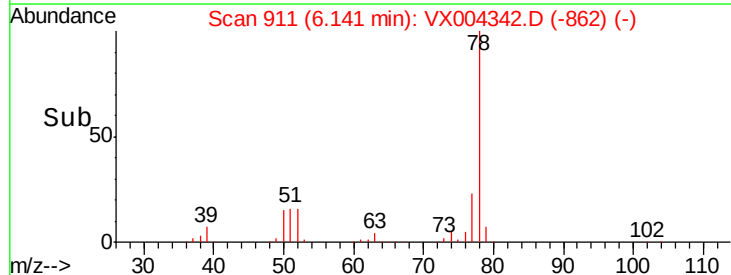
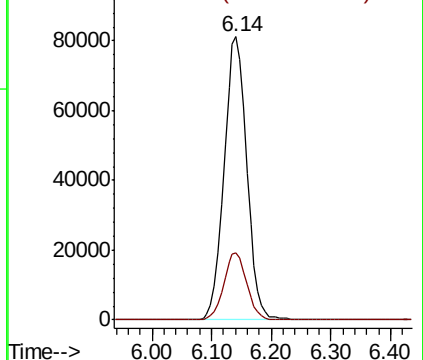


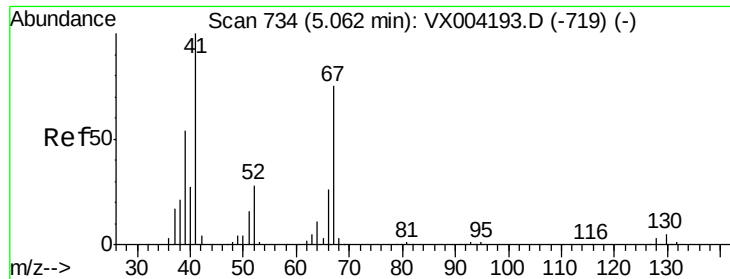
#40
Benzene
Concen: 20.81 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion: 78 Resp: 214865
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4



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

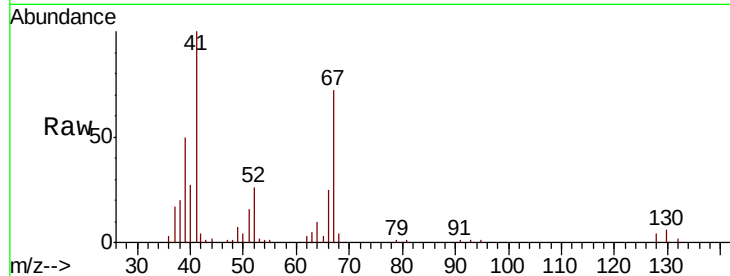




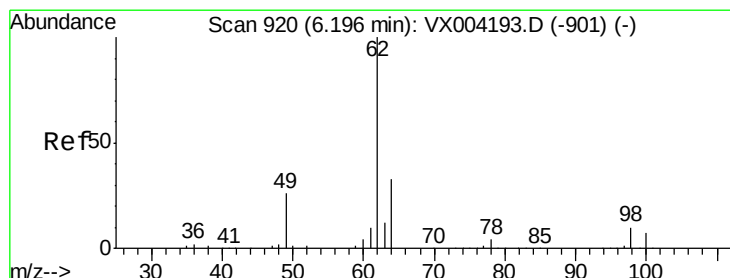
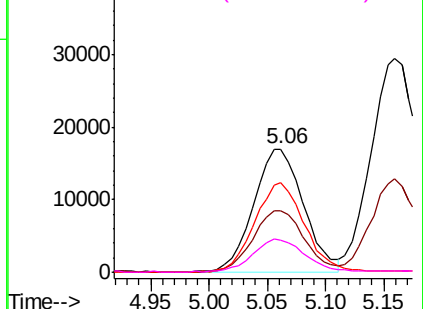
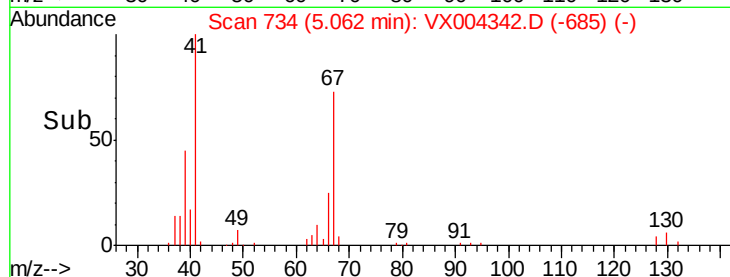
#41
Methacrylonitrile
Concen: 25.72 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS01

Tot Ion:	41	Resp:	50676
Ion	Ratio	Lower	Upper
41	100		
39	51.4	42.4	63.6
67	72.3	59.2	88.8
52	27.1	23.0	34.4

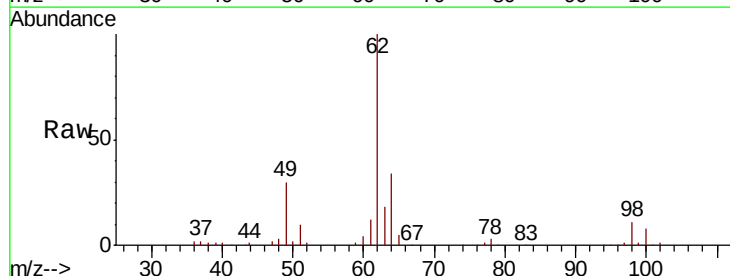


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

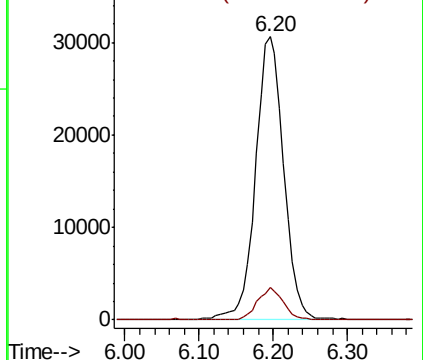
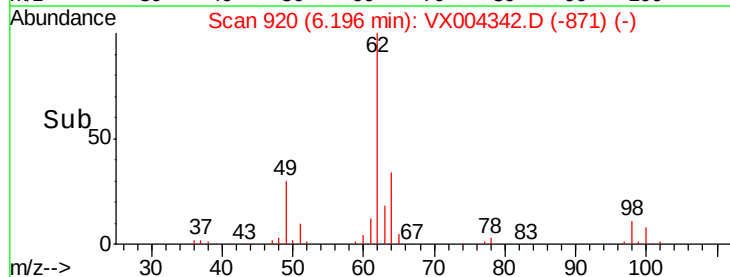


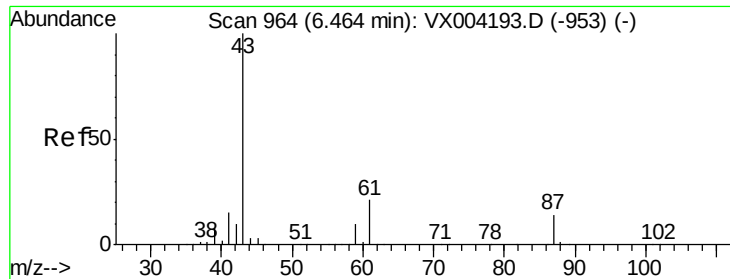
#42
1,2-Dichloroethane
Concen: 23.03 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion:	62	Resp:	81128
Ion	Ratio	Lower	Upper
62	100		
98	10.5	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: 23.91 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS01

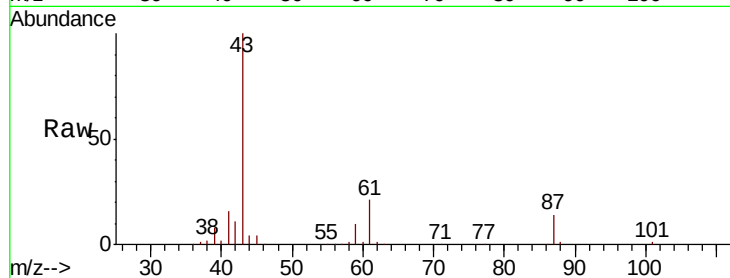
Tot Ion: 43 Resp: 124850

Ion Ratio Lower Upper

43 100

61 21.7 17.0 25.4

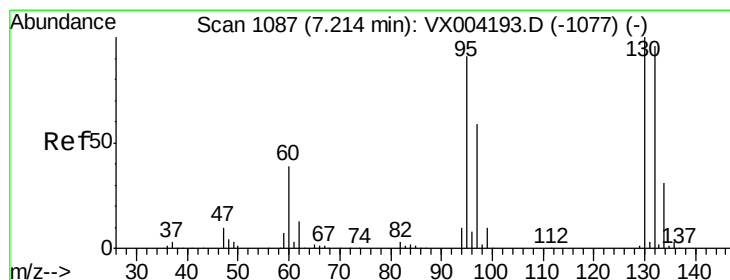
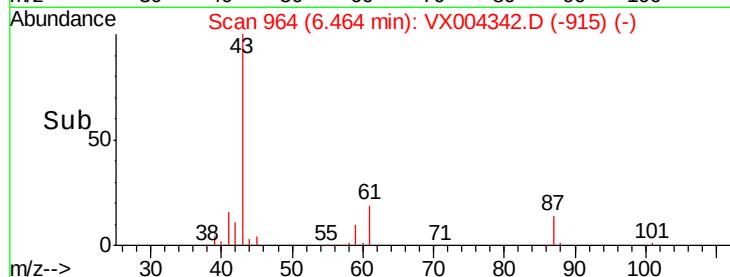
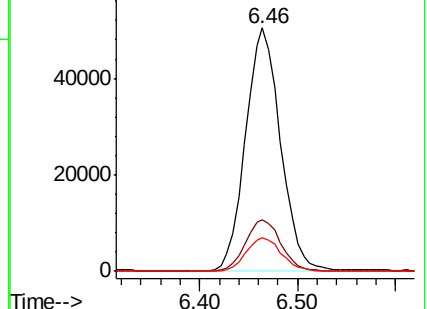
87 14.1 11.4 17.2



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: 18.37 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004342.D

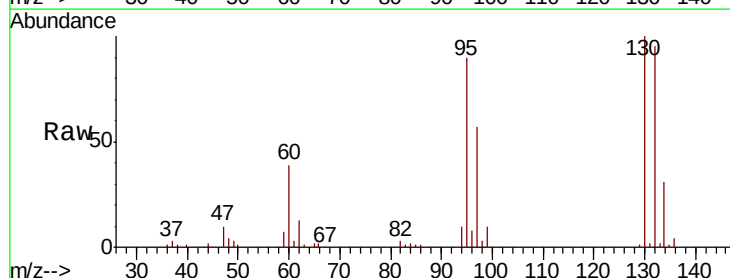
Acq: 04 Sep 2018 13:04

Tgt Ion:130 Resp: 52522

Ion Ratio Lower Upper

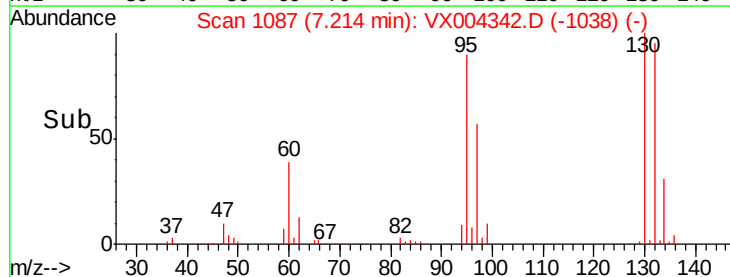
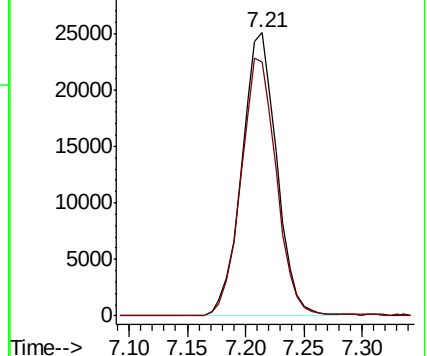
130 100

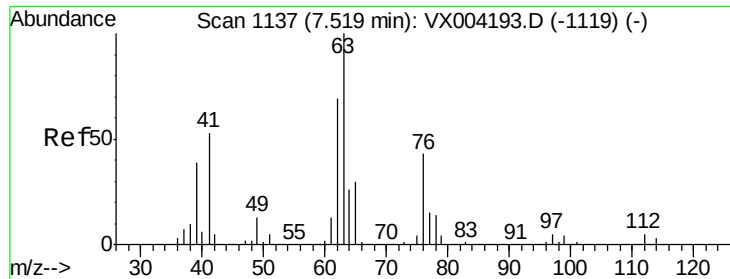
95 89.7 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

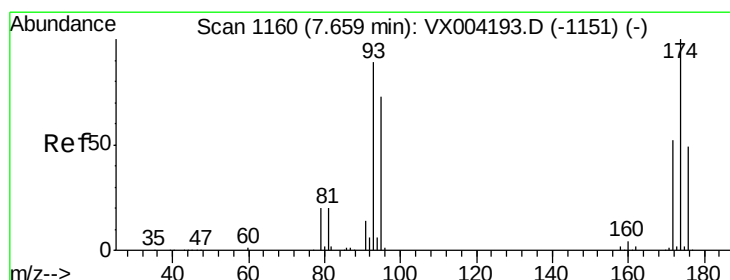
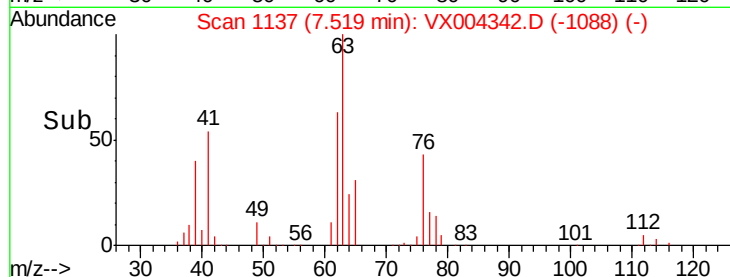
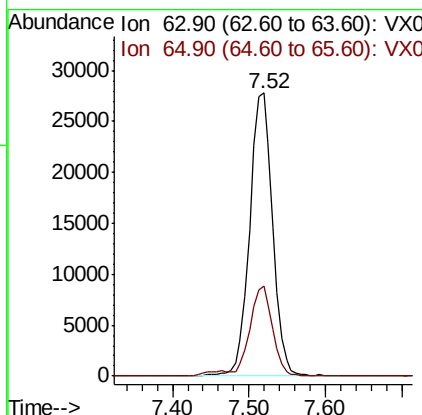
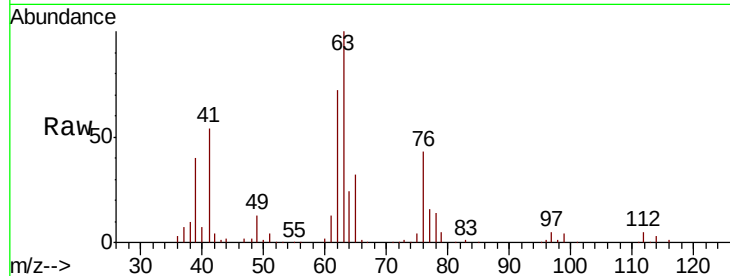




#45
 1,2-Dichloropropane
 Concen: 22.61 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

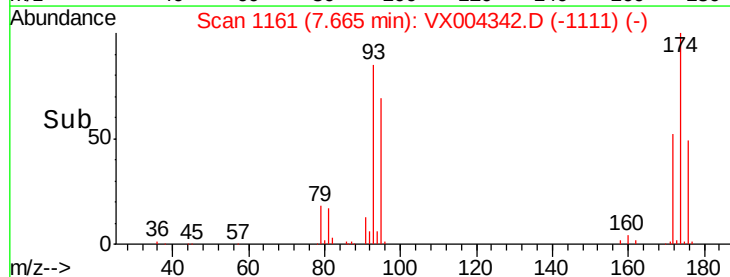
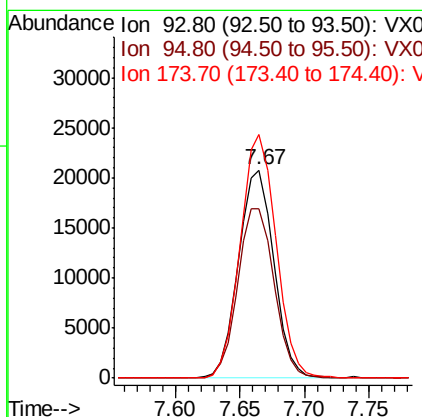
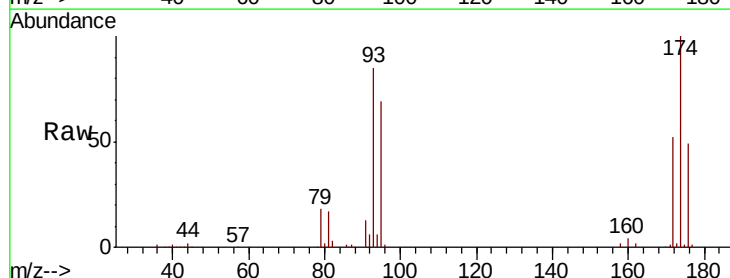
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS01

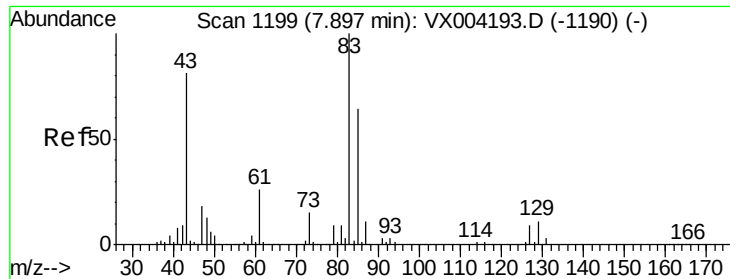
Tot Ion: 63 Resp: 58432
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.3 36.5



#46
 Dibromomethane
 Concen: 23.03 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Tgt Ion: 93 Resp: 39634
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.5 98.3
 174 118.1 94.2 141.4





#47

Bromodichloromethane

Concen: 22.57 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS01

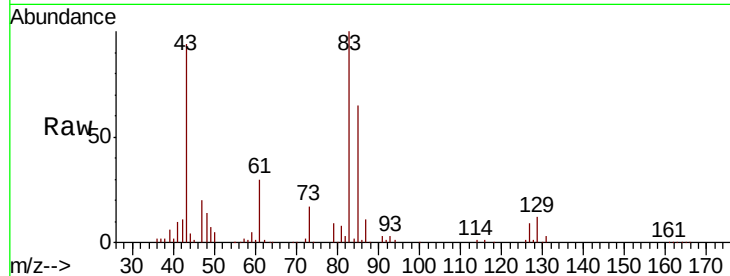
Tot Ion: 83 Resp: 72255

Ion Ratio Lower Upper

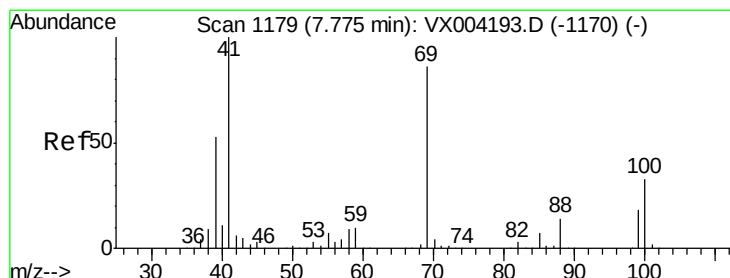
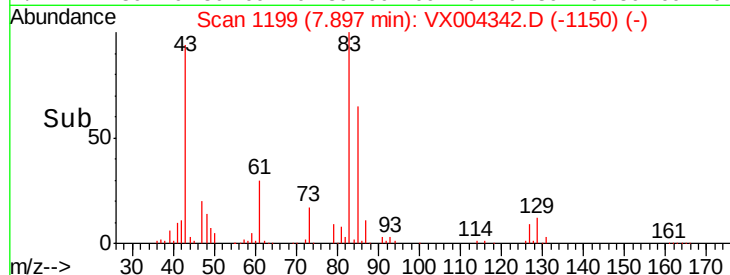
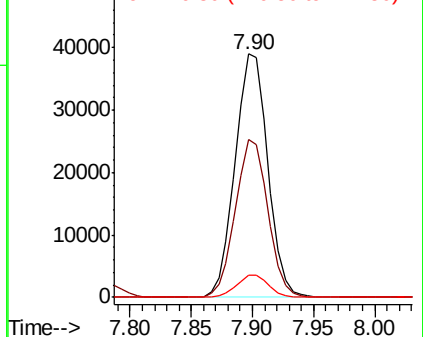
83 100

85 64.8 50.9 76.3

127 9.1 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: 23.80 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

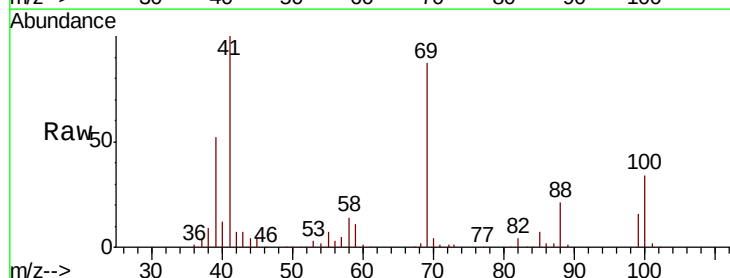
Tgt Ion: 41 Resp: 66506

Ion Ratio Lower Upper

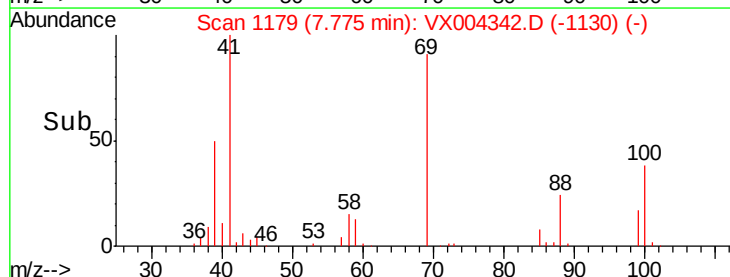
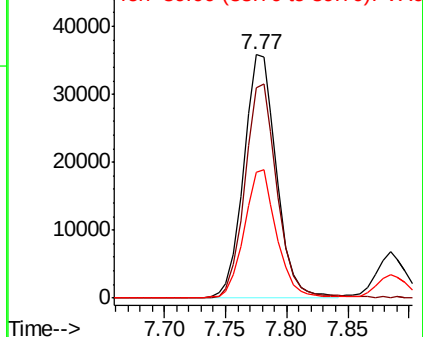
41 100

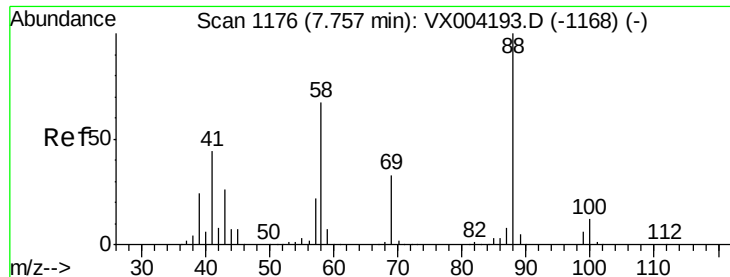
69 87.7 70.2 105.4

39 52.8 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

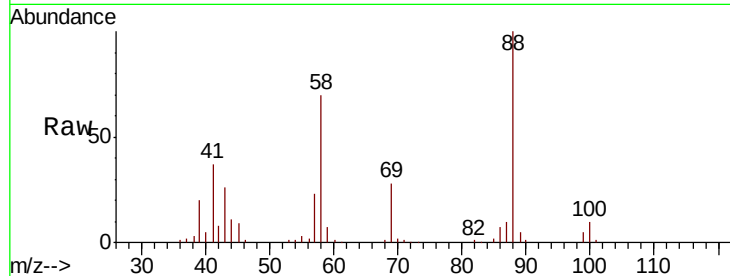




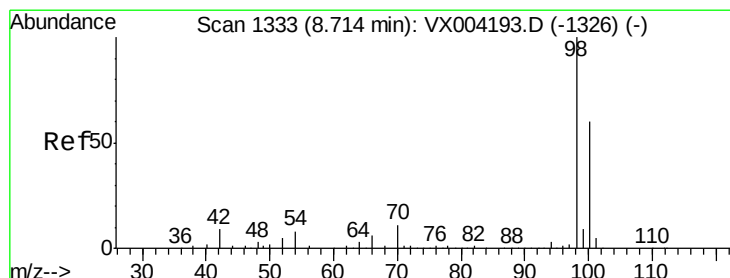
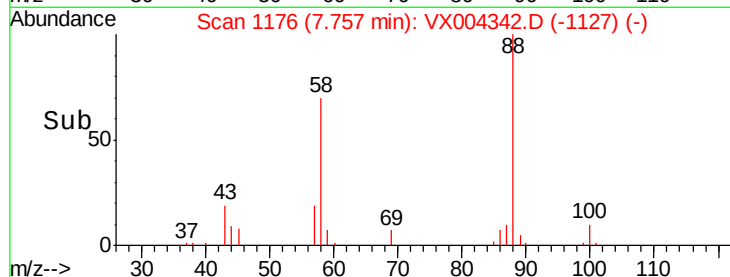
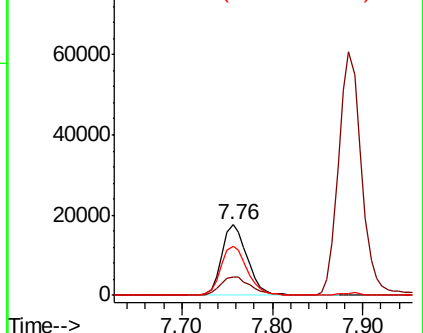
#49
1,4-Dioxane
Concen: 546.09 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Instrument :
MSVOA_X
ClientSampled :
VX0904WBS01

Tot Ion: 88 Resp: 34648
Ion Ratio Lower Upper
88 100
43 29.7 24.7 37.1
58 71.9 55.3 82.9

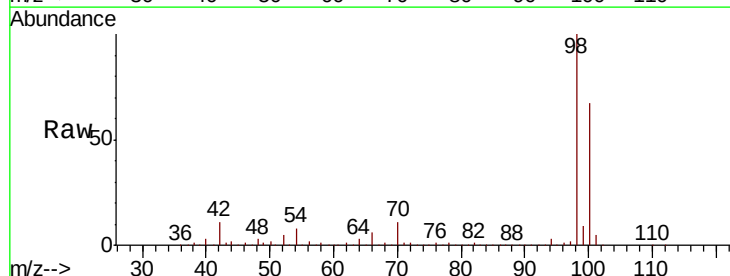


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

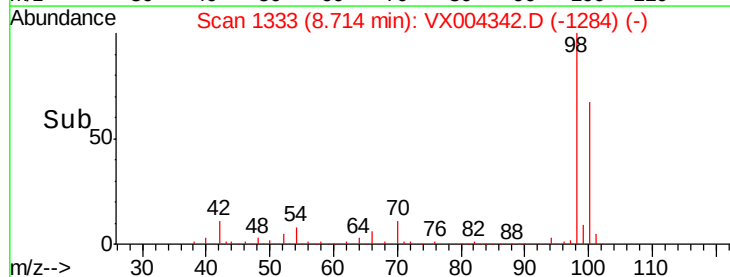
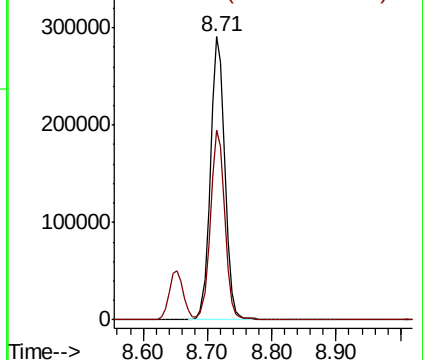


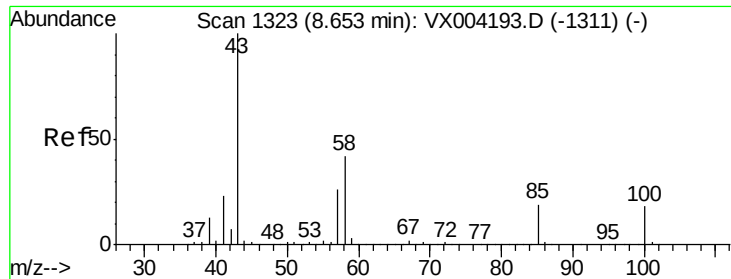
#50
Toluene-d8
Concen: 52.98 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion: 98 Resp: 457352
Ion Ratio Lower Upper
98 100
100 66.7 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 122.94 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

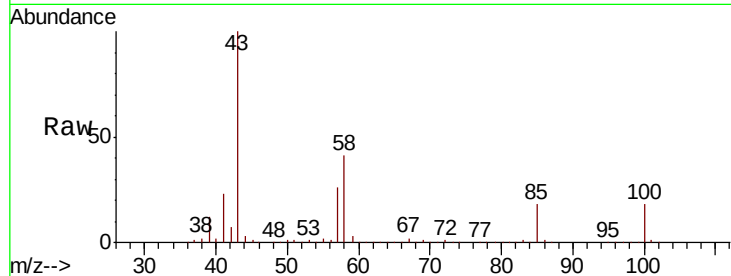
VX0904WBS01

Tot Ion: 43 Resp: 466522

Ion Ratio Lower Upper

43 100

58 40.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

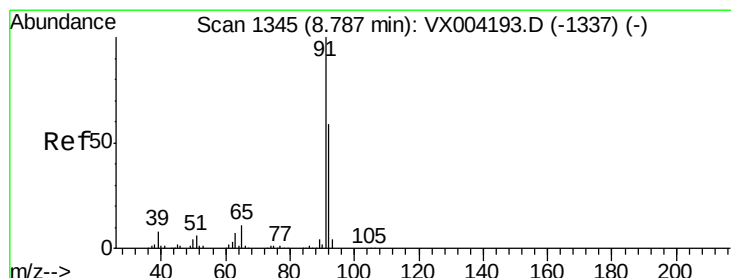
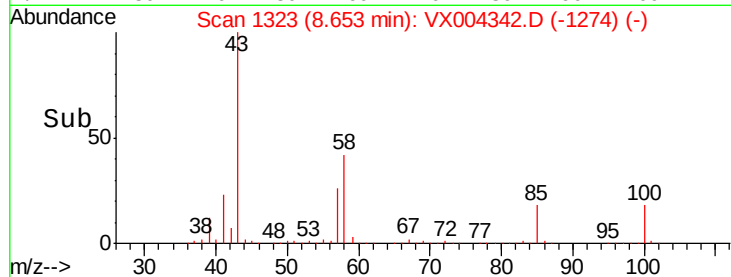
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.70 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004342.D

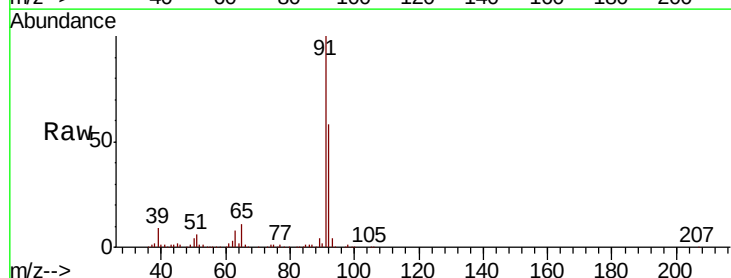
Acq: 04 Sep 2018 13:04

Tgt Ion: 92 Resp: 133809

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

8.79

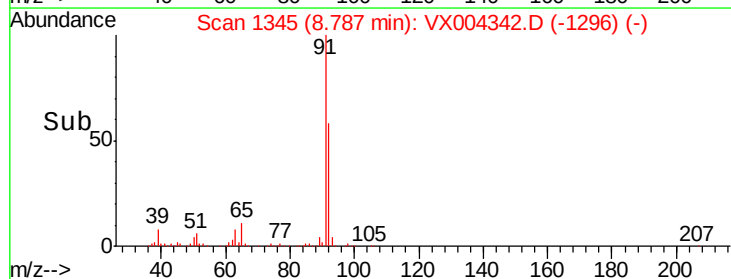
150000

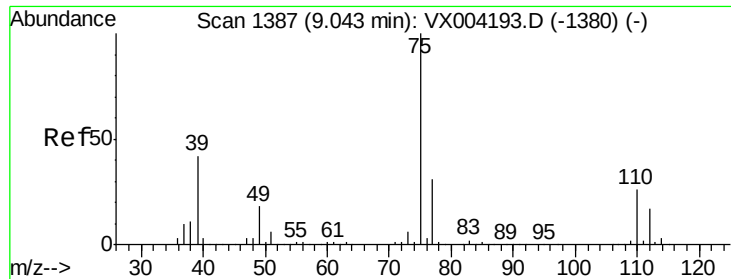
100000

50000

0

Time-->

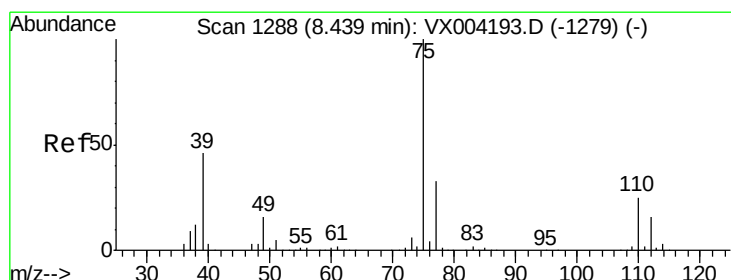
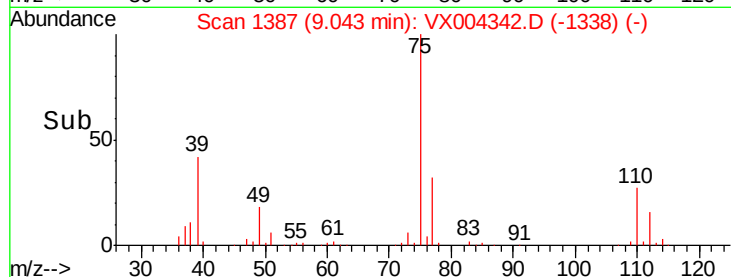
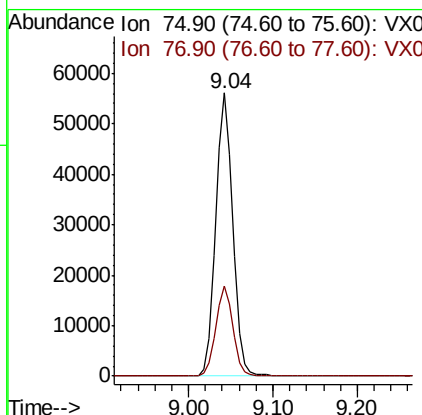
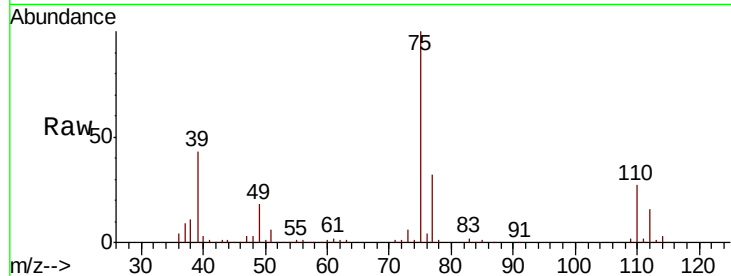




#53
 t-1,3-Dichloropropene
 Concen: 22.36 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

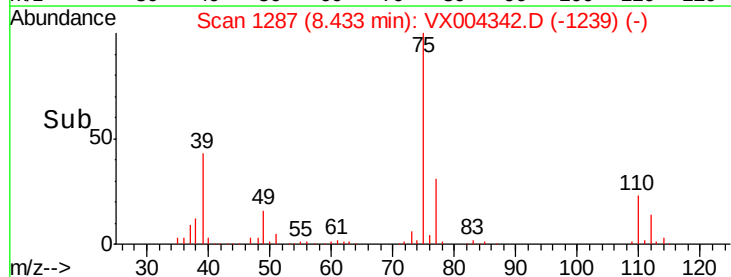
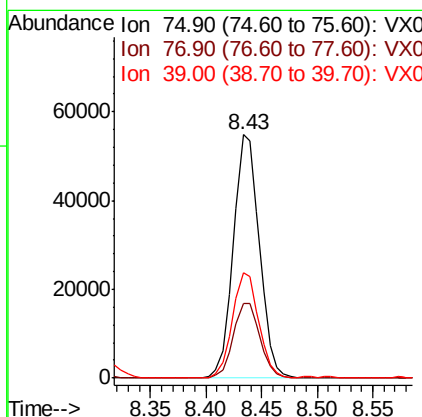
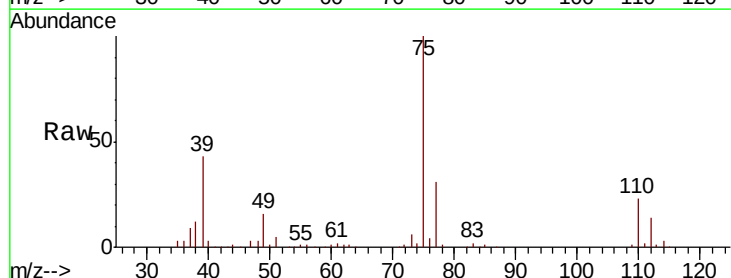
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS01

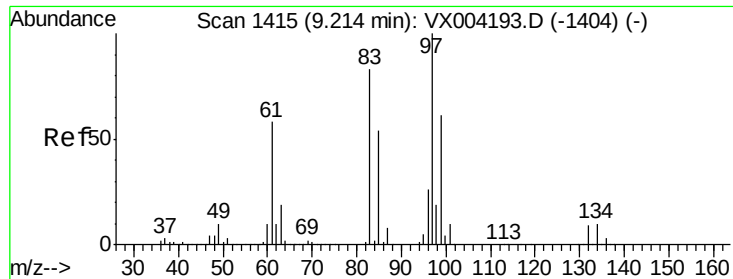
Tot Ion: 75 Resp: 79090
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 22.99 ug/l
 RT: 8.43 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Tgt Ion: 75 Resp: 88550
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.2
 39 43.2 36.4 54.6

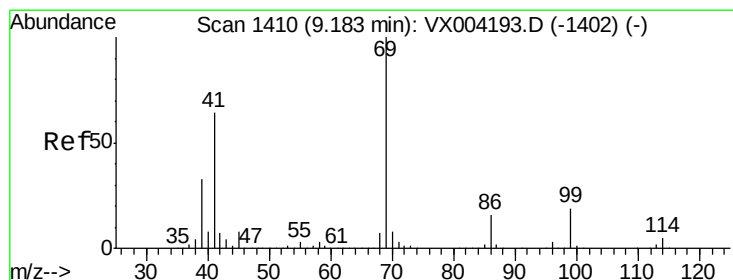
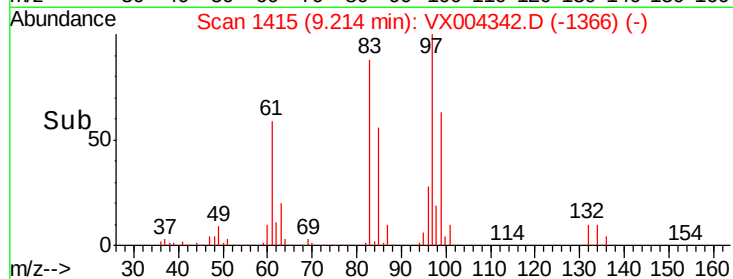
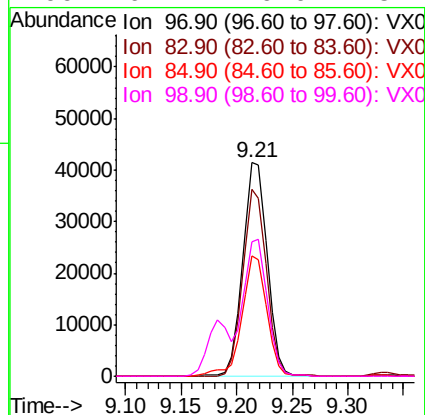
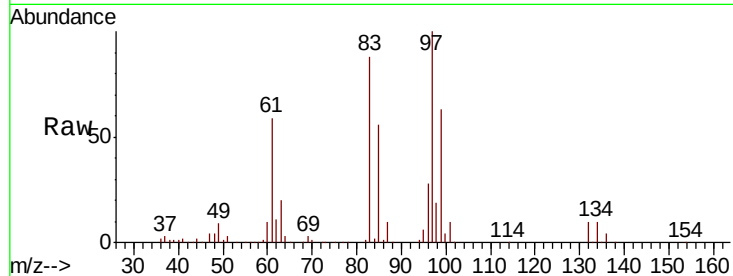




#55
 1,1,2-Trichloroethane
 Concen: 24.26 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

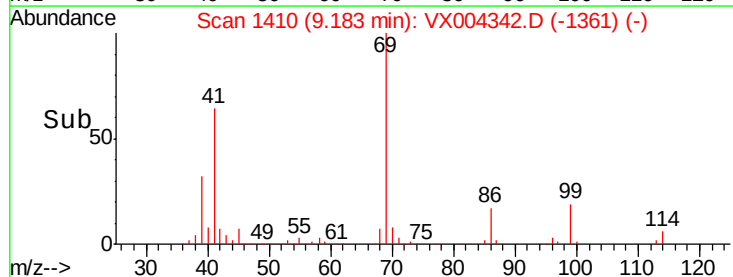
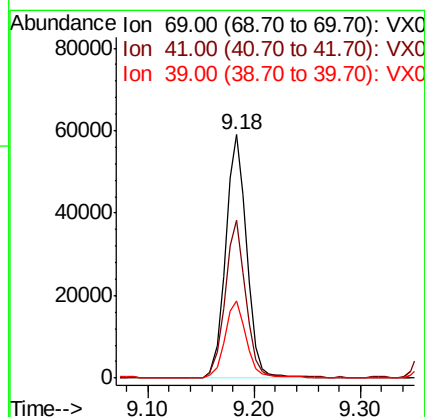
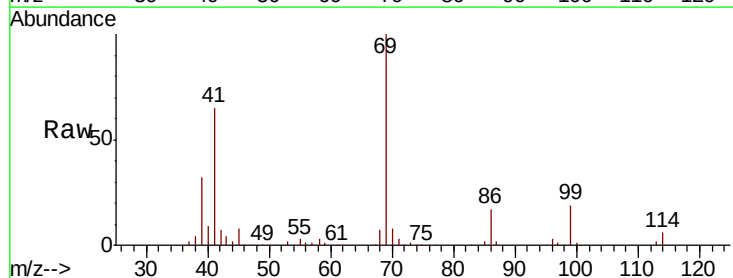
Instrument :
 MSVOA_X
 ClientSampled :
 VX0904WBS01

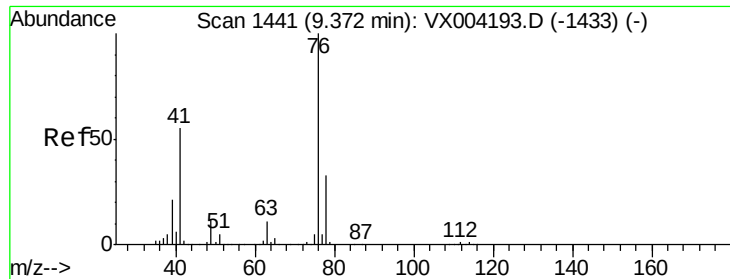
Tot Ion:	97	Resp:	63292
Ion	Ratio	Lower	Upper
97	100		
83	87.7	66.4	99.6
85	56.4	43.3	64.9
99	62.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 23.07 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Tgt Ion:	69	Resp:	81940
Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.0	76.4
39	31.8	26.1	39.1

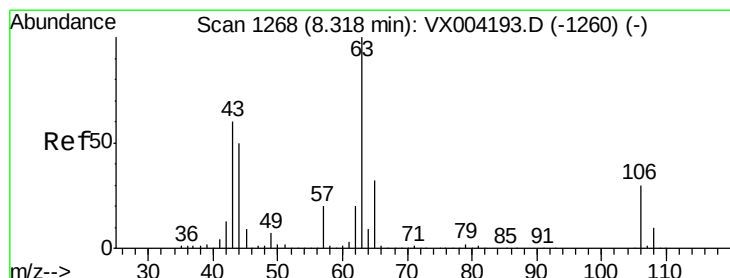
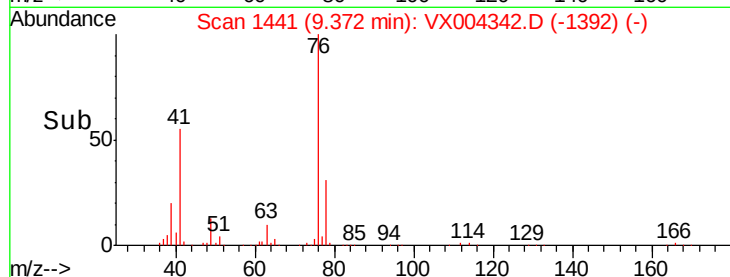
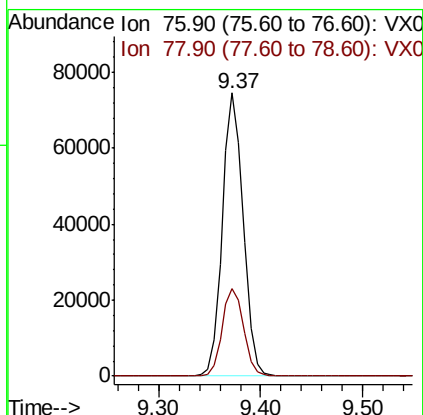
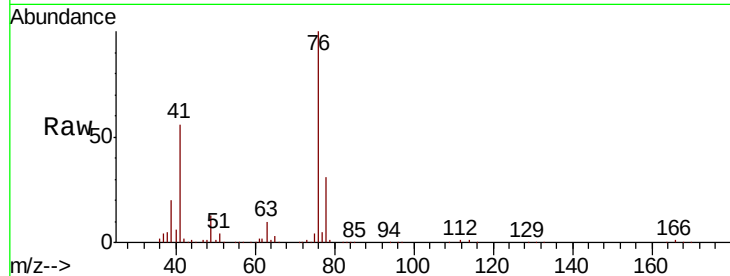




#57
 1,3-Dichloropropane
 Concen: 24.20 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

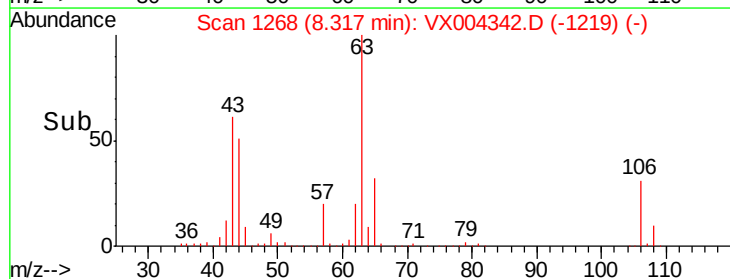
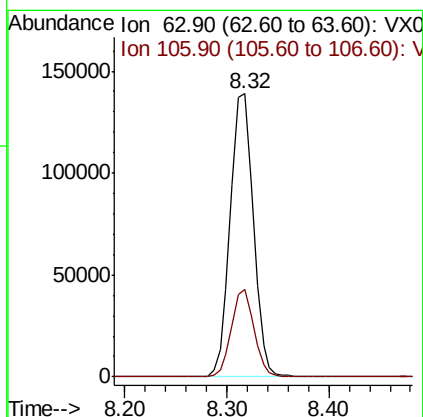
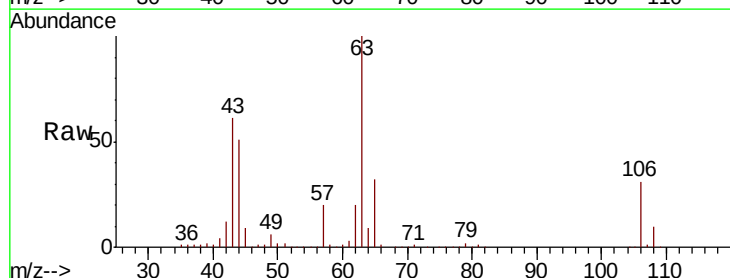
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS01

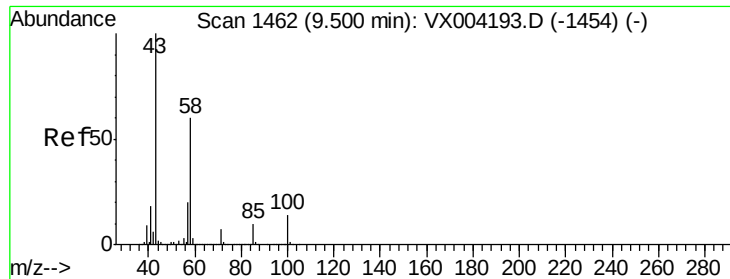
Tot Ion: 76 Resp: 106416
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 120.09 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Tgt Ion: 63 Resp: 218574
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.9 35.9

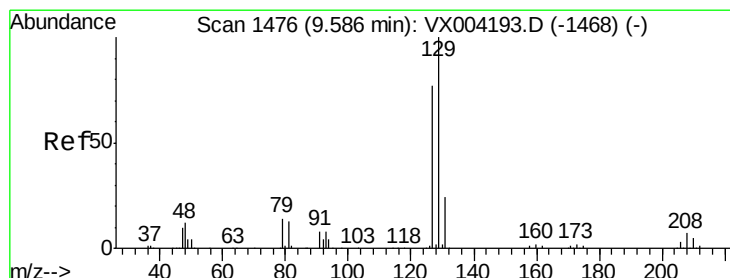
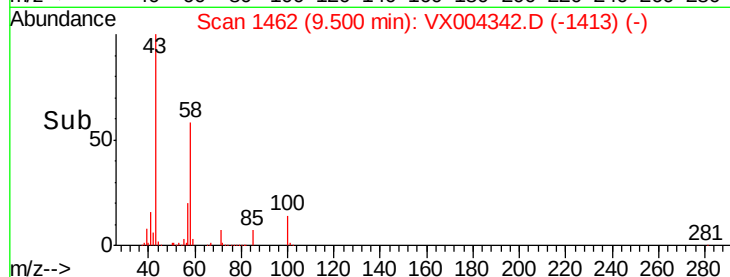
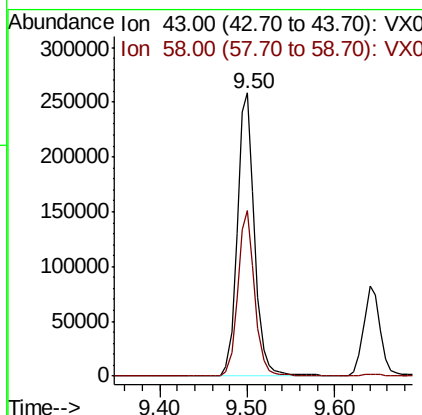
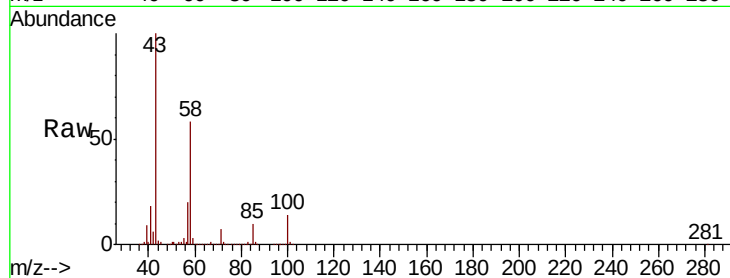




#59
2-Hexanone
Concen: 123.35 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

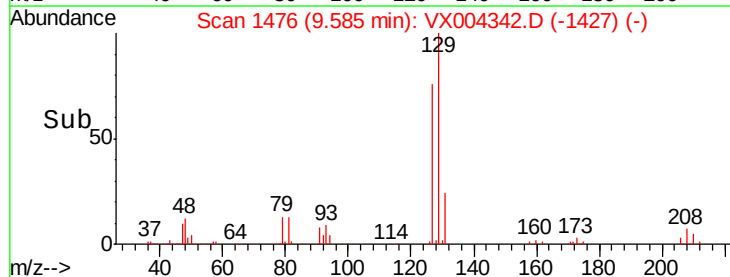
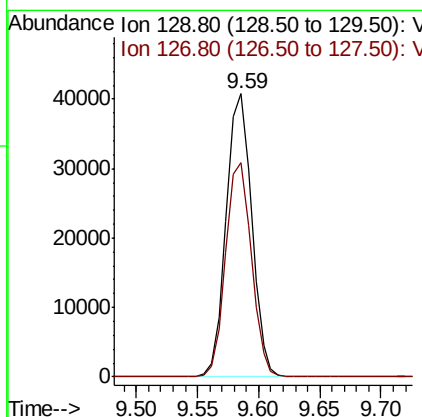
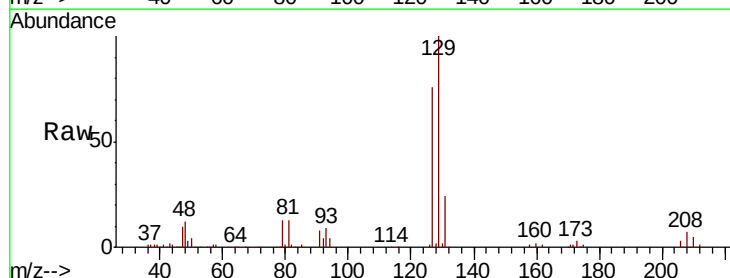
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS01

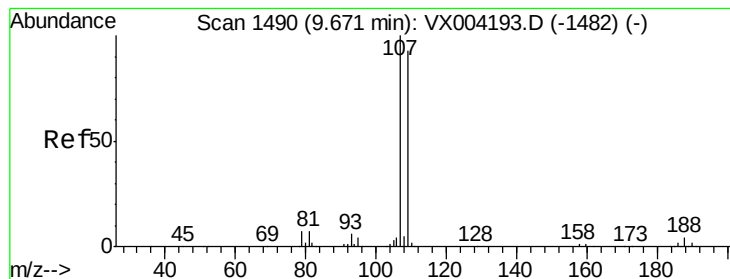
Tot Ion: 43 Resp: 357079
Ion Ratio Lower Upper
43 100
58 57.2 29.0 87.0



#60
Dibromochloromethane
Concen: 23.24 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion: 129 Resp: 59077
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 24.23 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

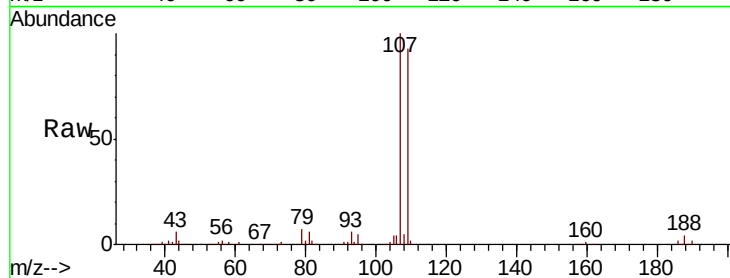
VX0904WBS01

Tot Ion:107 Resp: 65442

Ion Ratio Lower Upper

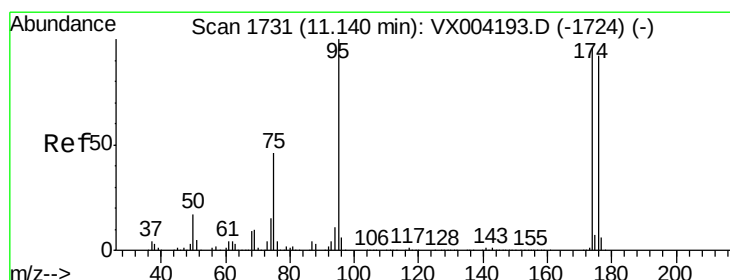
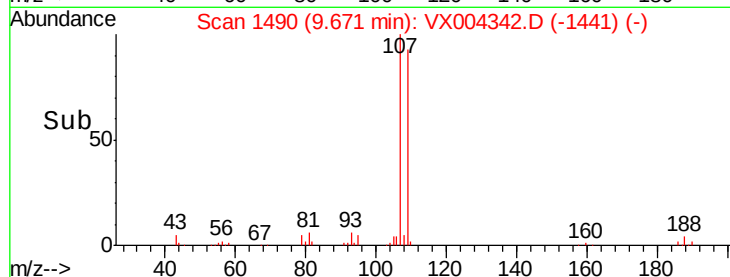
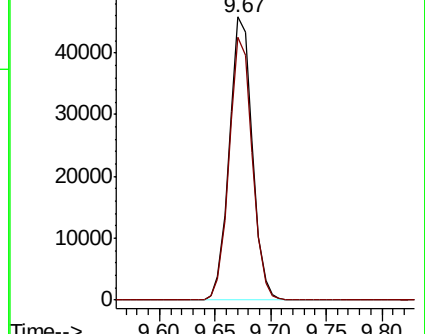
107 100

109 93.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

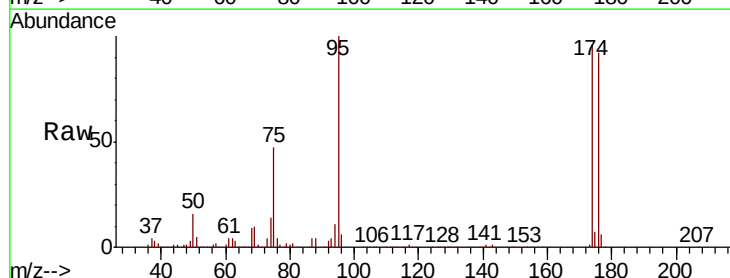
Tgt Ion: 95 Resp: 181188

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.2

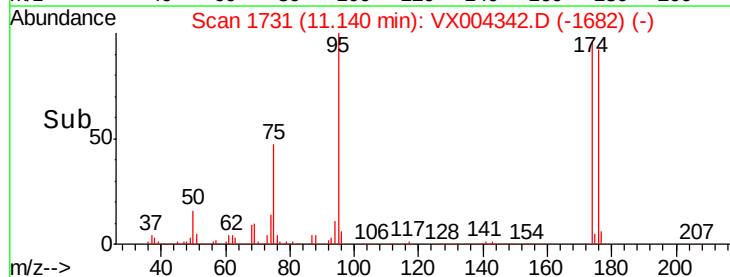
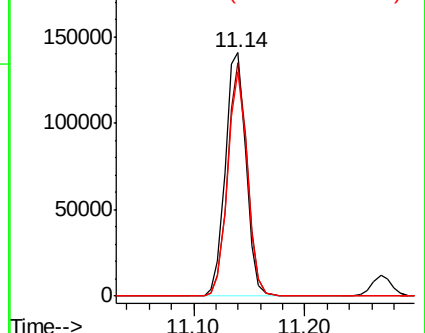
176 87.9 0.0 178.6

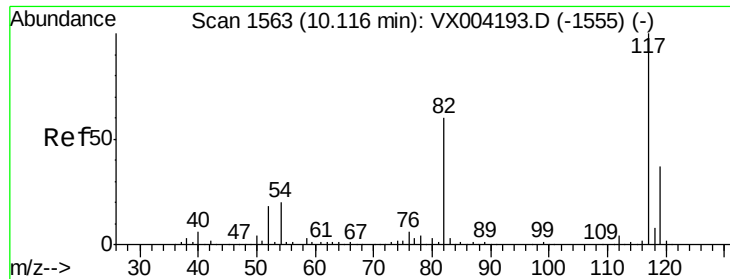


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

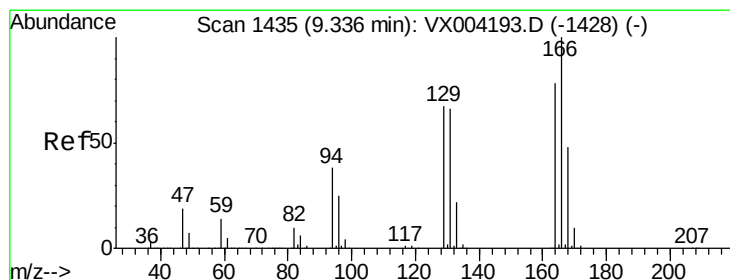
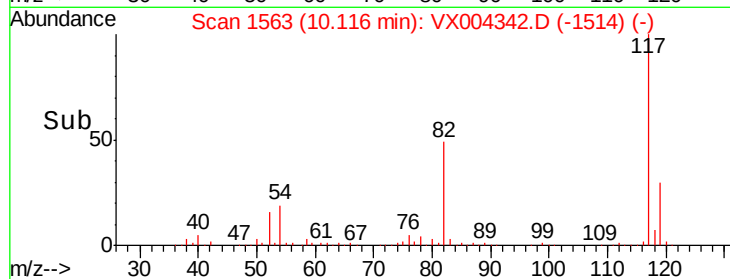
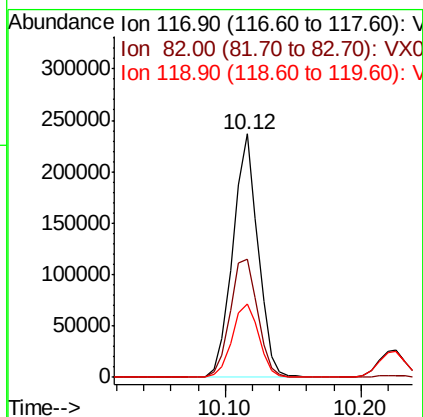
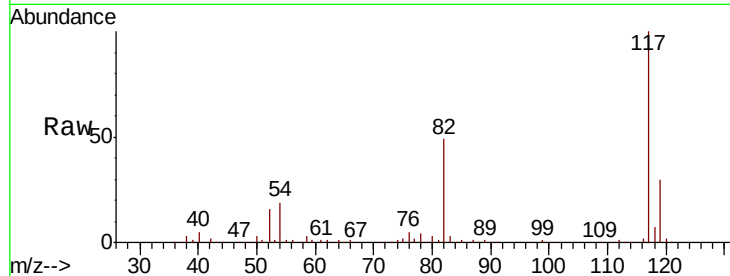




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

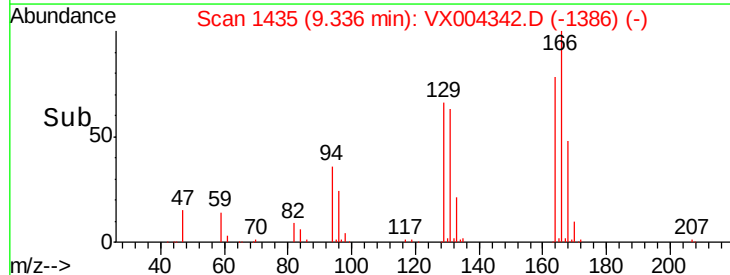
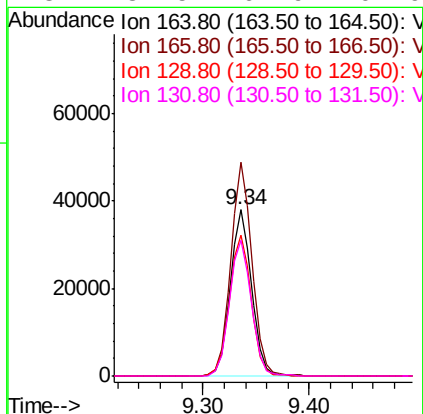
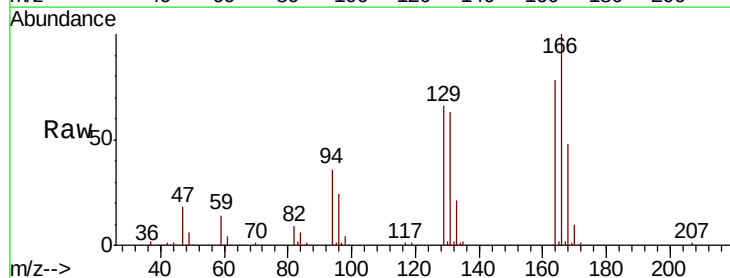
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS01

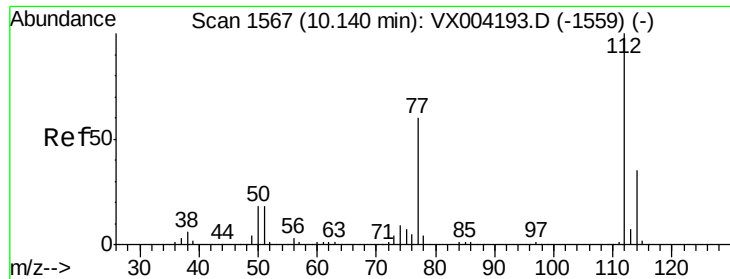
Tot Ion:117 Resp: 304515
Ion Ratio Lower Upper
117 100
82 48.7 47.8 71.6
119 30.0 29.3 43.9



#64
Tetrachloroethene
Concen: 17.72 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion:164 Resp: 53306
Ion Ratio Lower Upper
164 100
166 128.6 102.8 154.2
129 85.1 69.4 104.0
131 81.5 67.9 101.9

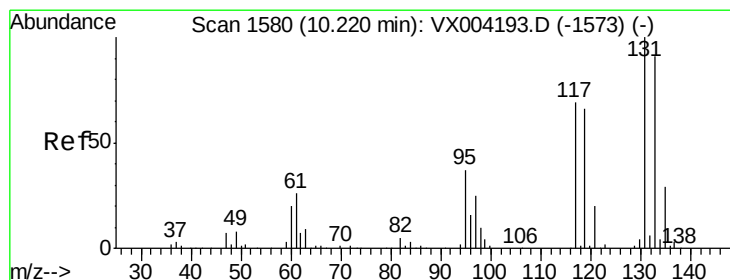
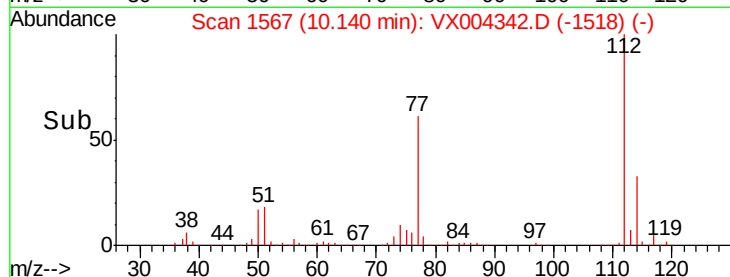
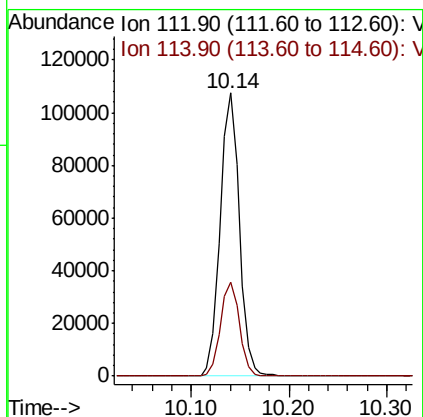
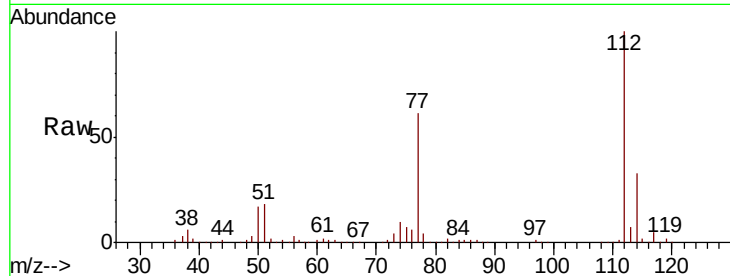




#65
Chlorobenzene
Concen: 19.21 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

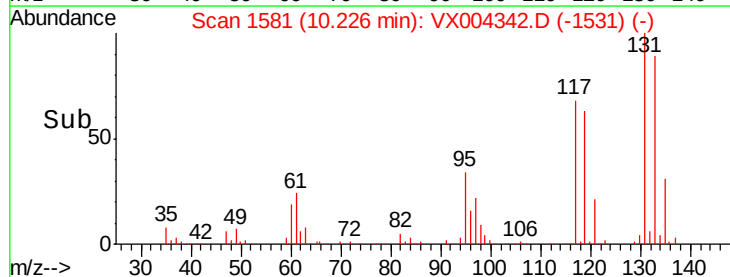
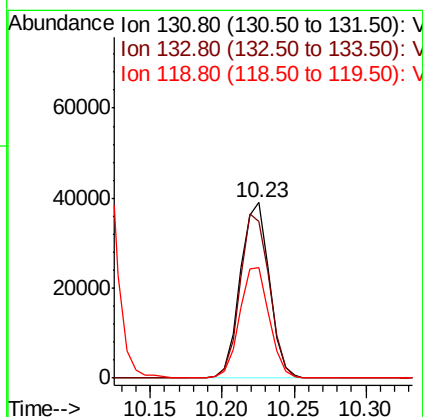
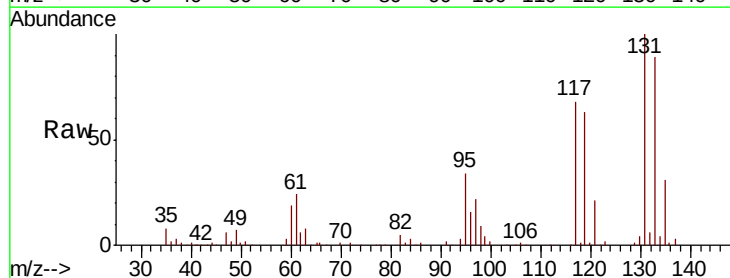
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS01

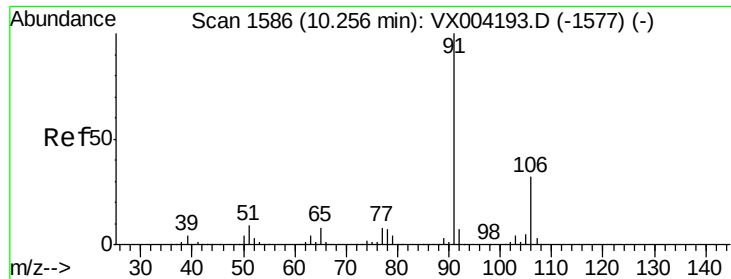
Tot Ion:112 Resp: 146845
Ion Ratio Lower Upper
112 100
114 33.1 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.69 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion:131 Resp: 54529
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.4
119 64.5 32.9 98.6

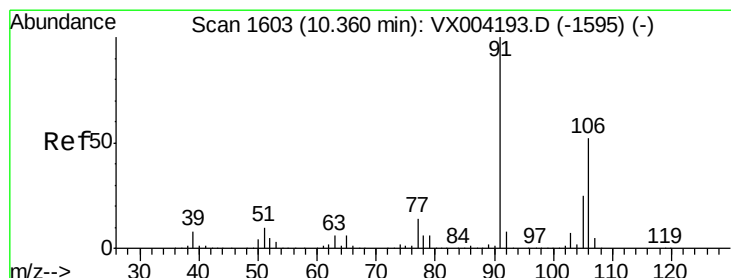
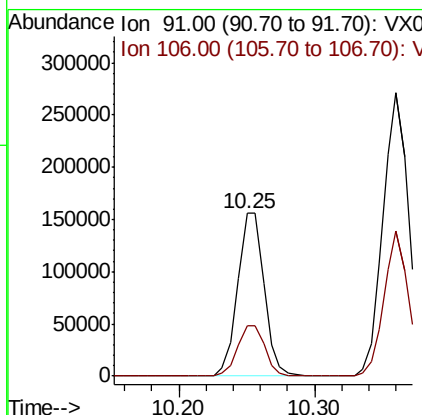
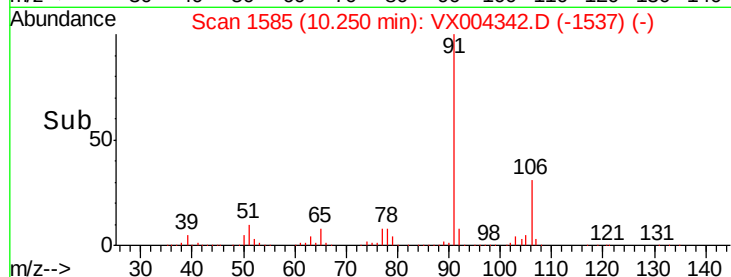
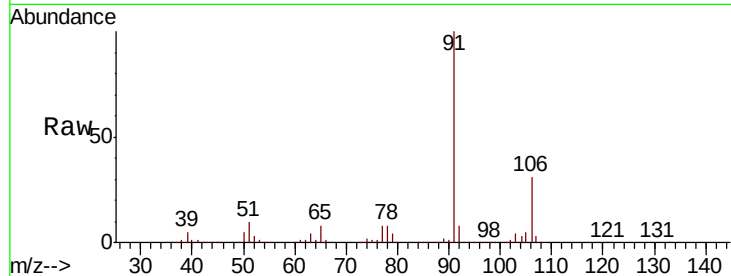




#67
Ethyl Benzene
Concen: 17.10 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

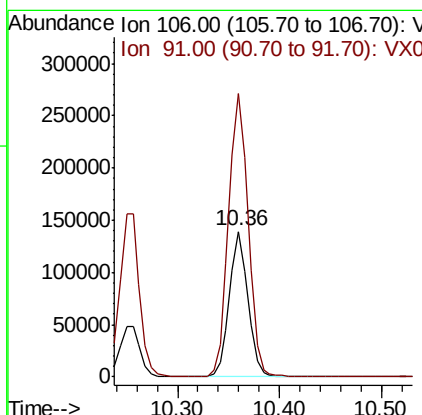
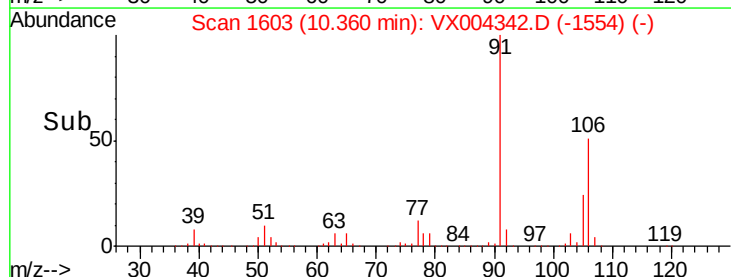
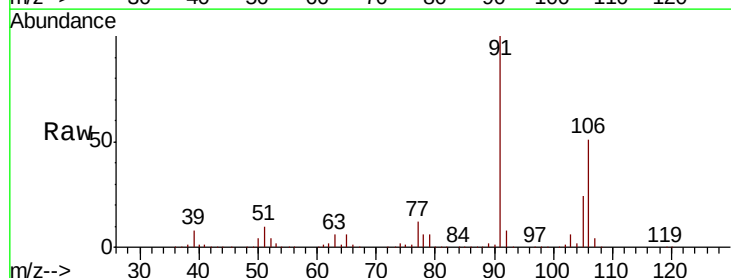
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS01

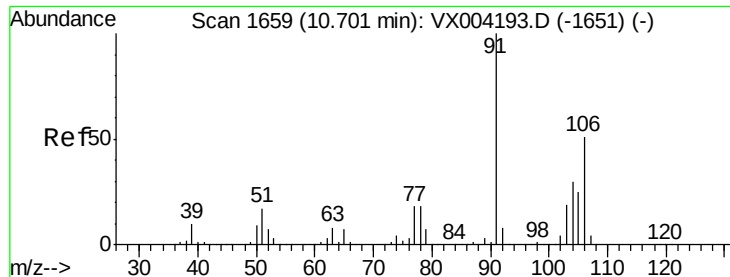
Tot Ion: 91 Resp: 212216
Ion Ratio Lower Upper
91 100
106 30.6 25.9 38.9



#68
m/p-Xylenes
Concen: 35.83 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion: 106 Resp: 173877
Ion Ratio Lower Upper
106 100
91 208.0 157.1 235.7

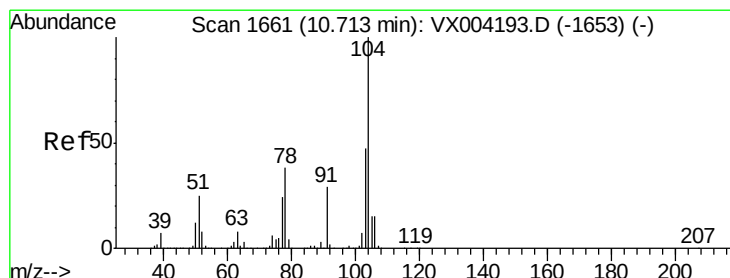
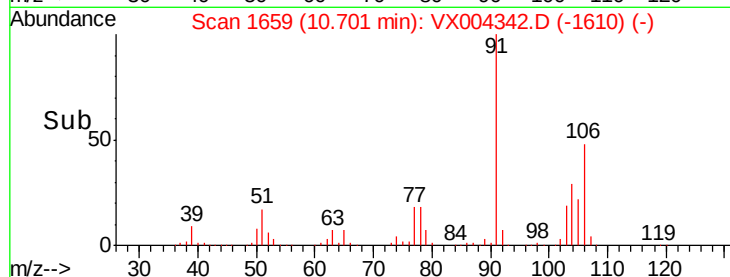
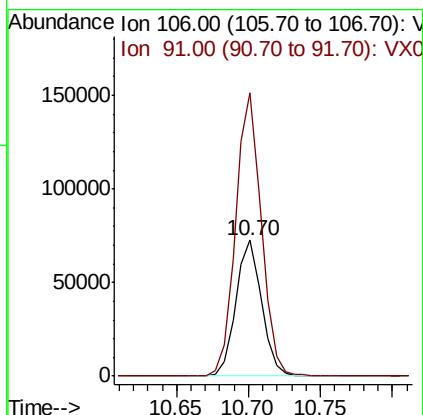
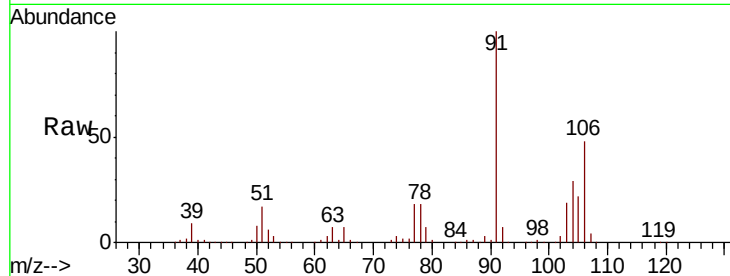




#69
o-Xylene
Concen: 19.74 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

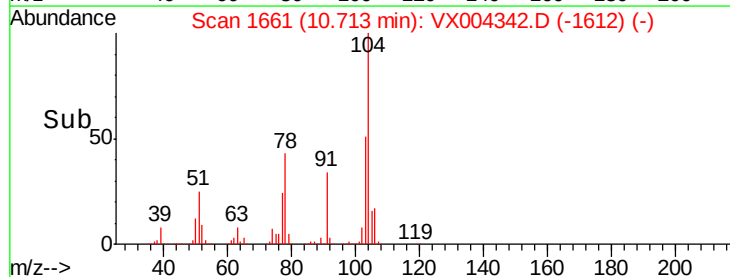
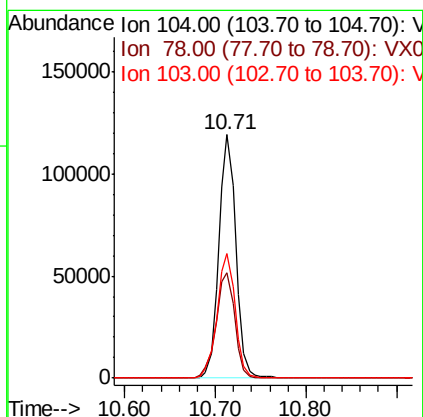
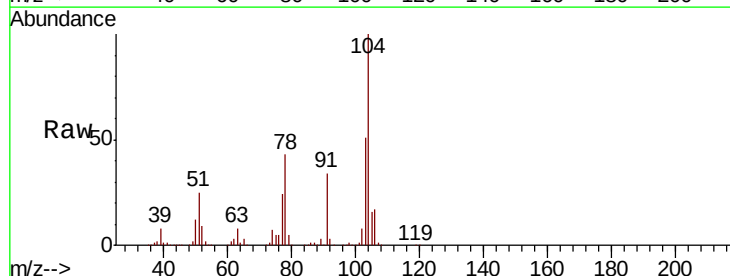
Instrument :
MSVOA_X
ClientSampled :
VX0904WBS01

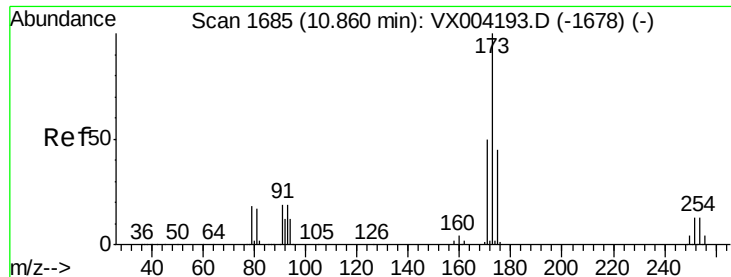
Tot Ion:106 Resp: 90630
Ion Ratio Lower Upper
106 100
91 209.3 105.1 315.1



#70
Styrene
Concen: 21.04 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion:104 Resp: 156372
Ion Ratio Lower Upper
104 100
78 48.0 37.4 56.0
103 54.8 43.8 65.6





#71

Bromoform

Concen: 21.14 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS01

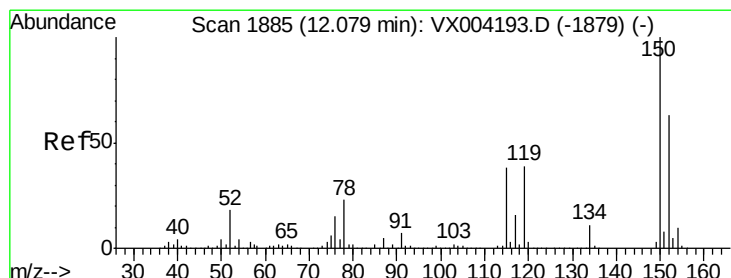
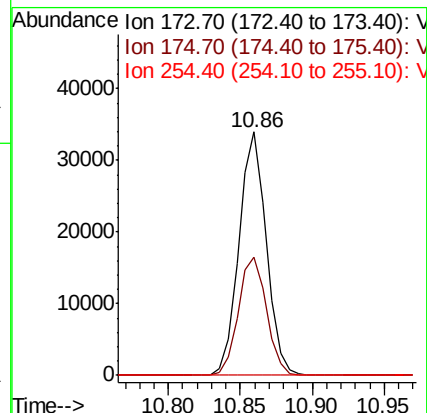
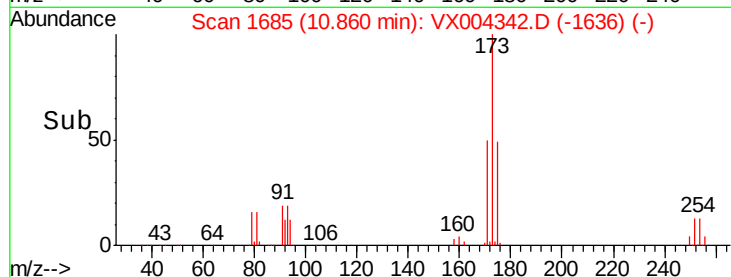
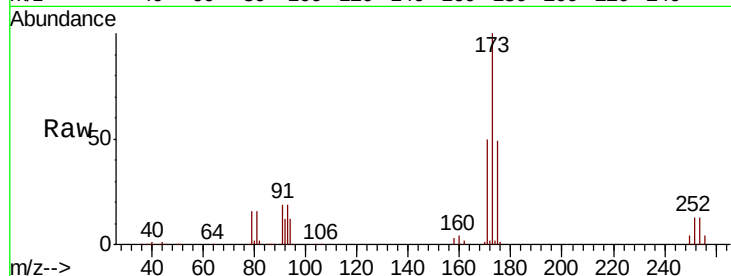
Tot Ion:173 Resp: 44919

Ion Ratio Lower Upper

173 100

175 50.0 24.1 72.3

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

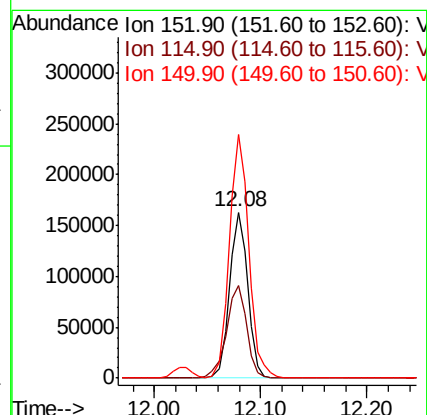
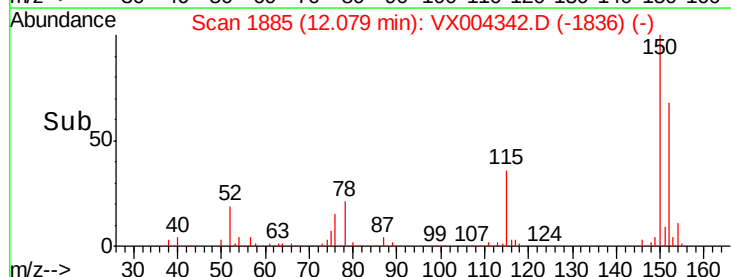
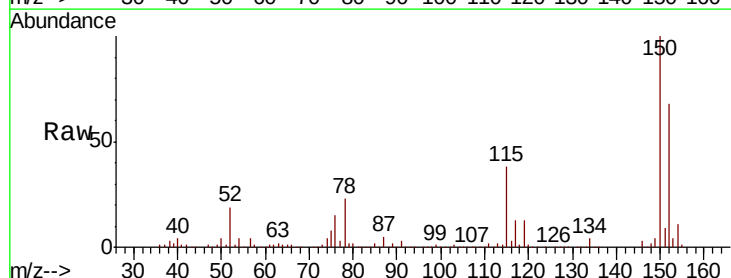
Tgt Ion:152 Resp: 194859

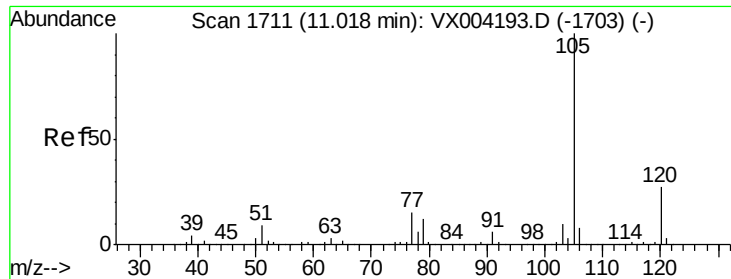
Ion Ratio Lower Upper

152 100

115 61.5 39.0 117.0

150 157.4 0.0 351.0





#73

Isopropylbenzene

Concen: 17.18 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

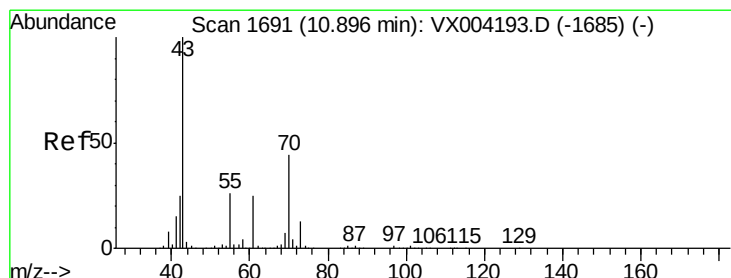
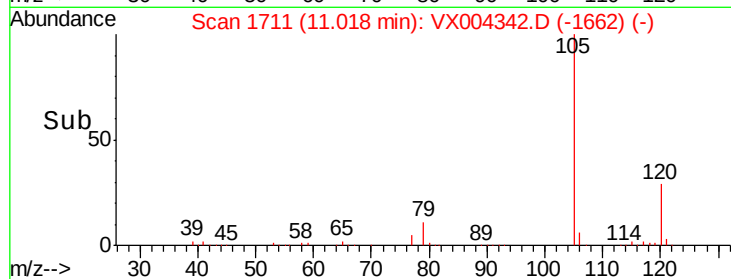
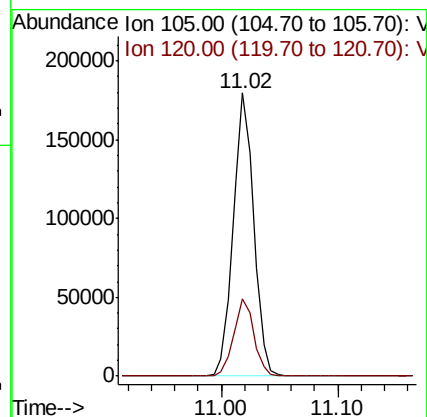
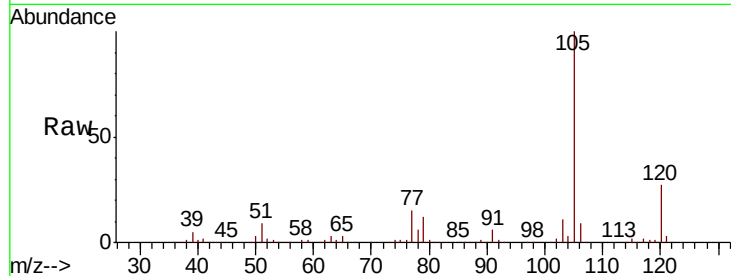
VX0904WBS01

Tot Ion:105 Resp: 219926

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 20.51 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Tgt Ion: 43 Resp: 101061

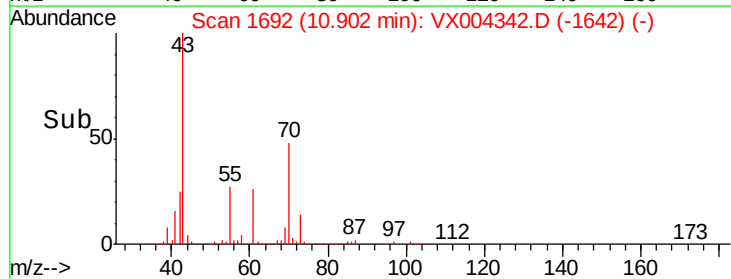
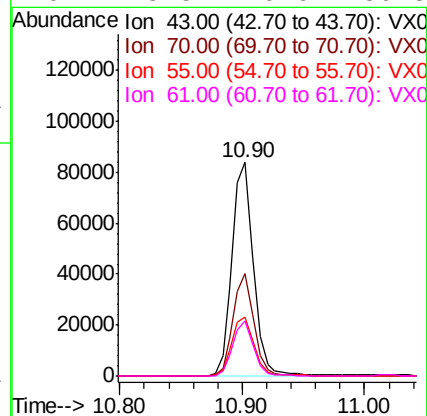
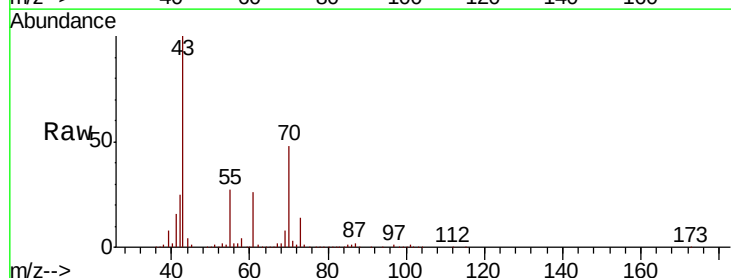
Ion Ratio Lower Upper

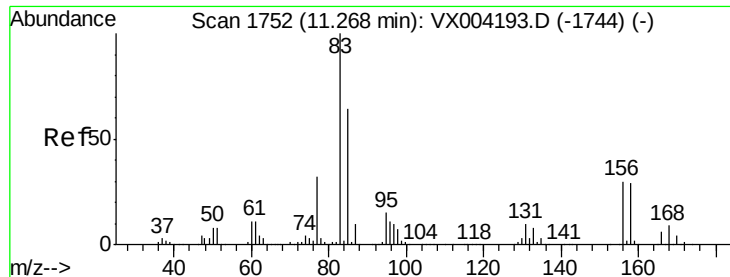
43 100

70 47.0 37.4 56.0

55 29.0 21.8 32.8

61 25.5 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.58 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0904WBS01

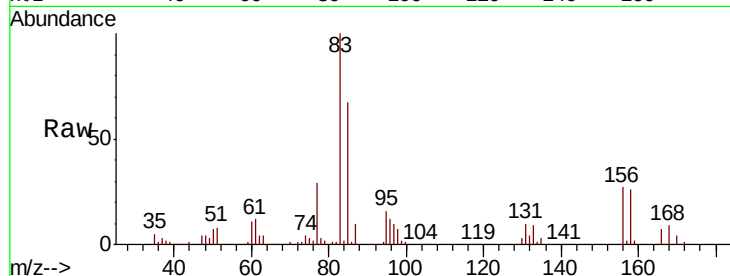
Tot Ion: 83 Resp: 96628

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

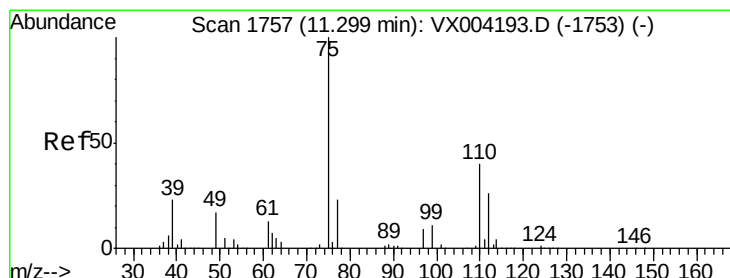
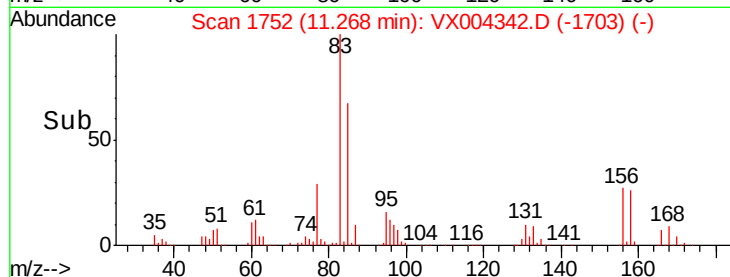
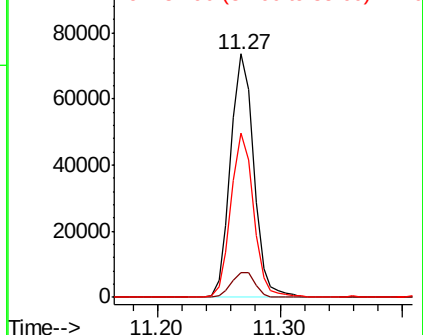
85 65.9 32.3 96.8



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: 27.92 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004342.D

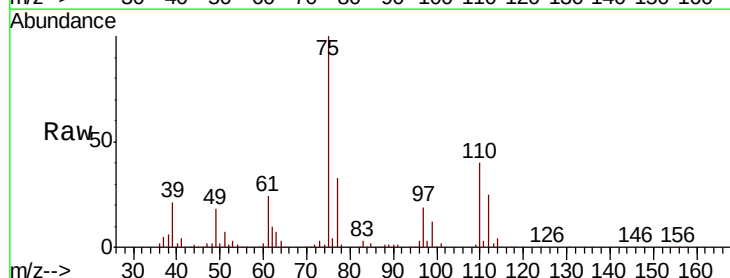
Acq: 04 Sep 2018 13:04

Tgt Ion: 75 Resp: 110640

Ion Ratio Lower Upper

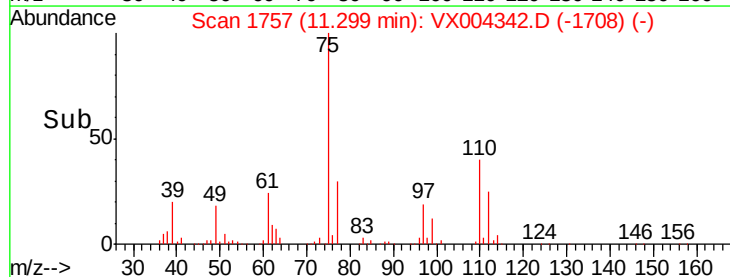
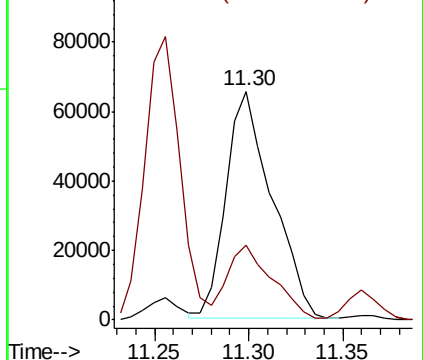
75 100

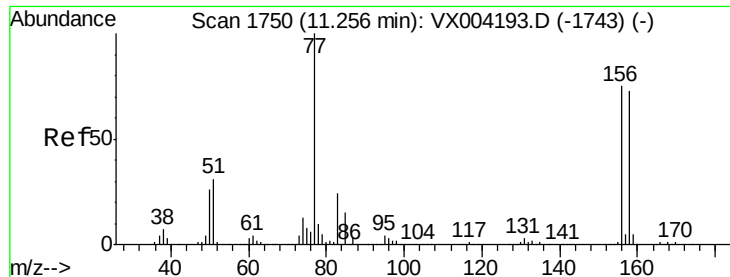
77 31.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.30 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampled :

VX0904WBS01

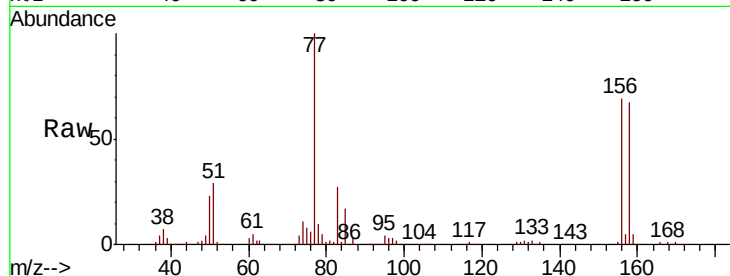
Tot Ion:156 Resp: 72888

Ion Ratio Lower Upper

156 100

77 147.6 71.5 214.3

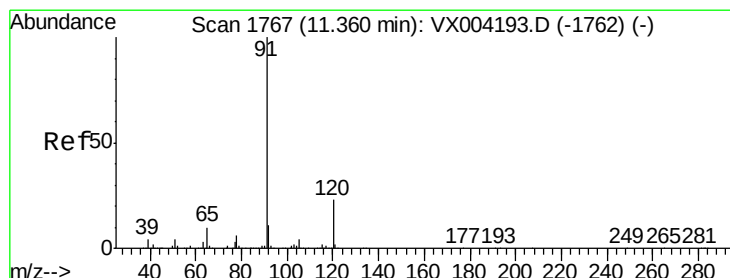
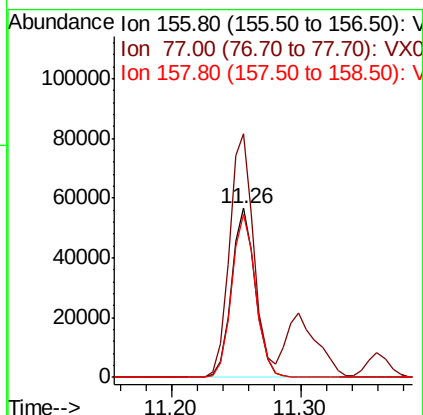
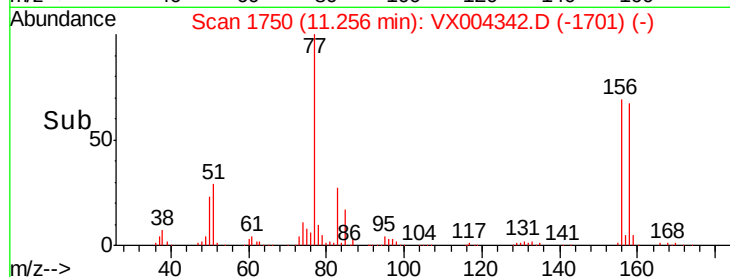
158 97.4 48.9 146.8



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: 16.69 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004342.D

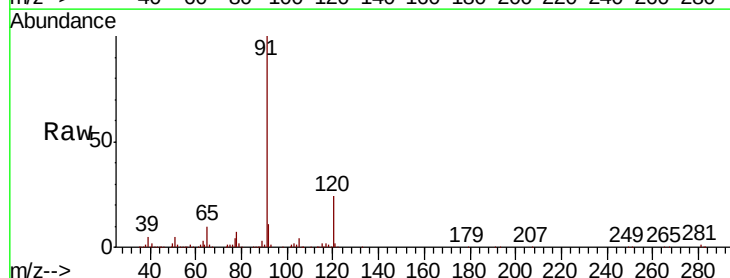
Acq: 04 Sep 2018 13:04

Tgt Ion: 91 Resp: 245693

Ion Ratio Lower Upper

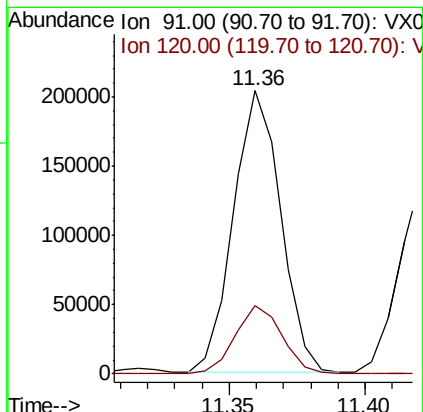
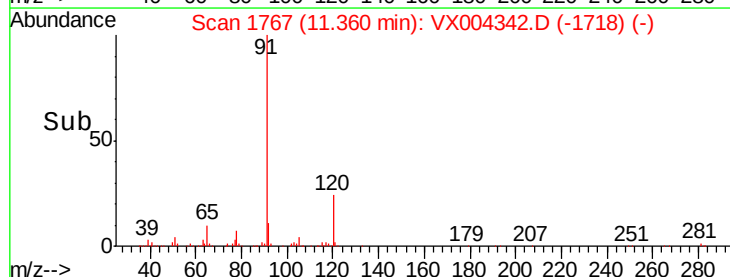
91 100

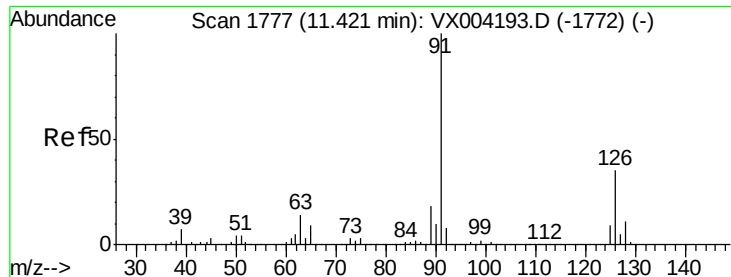
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.22 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

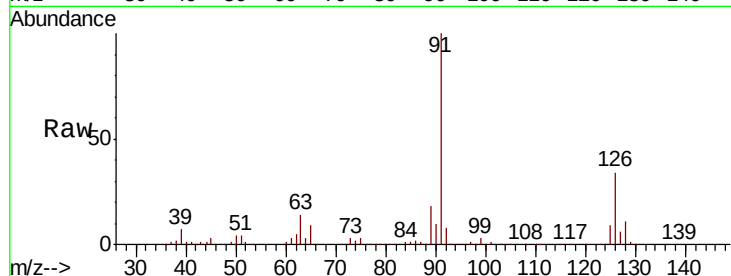
VX0904WBS01

Tot Ion: 91 Resp: 174161

Ion Ratio Lower Upper

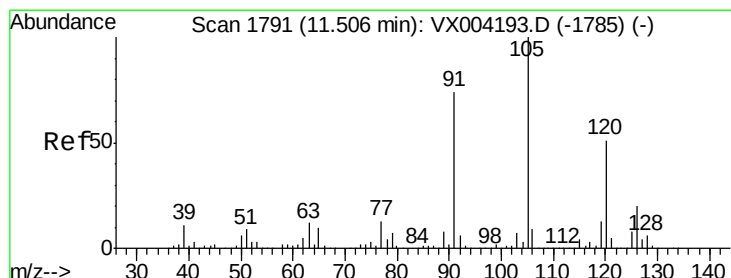
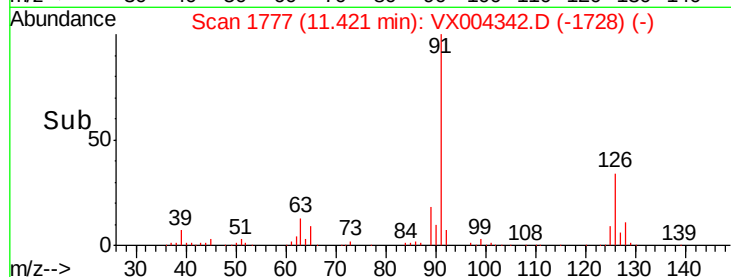
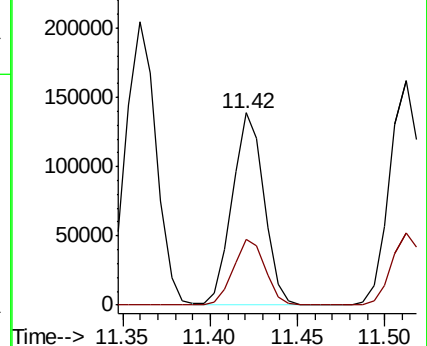
91 100

126 34.9 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.42 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004342.D

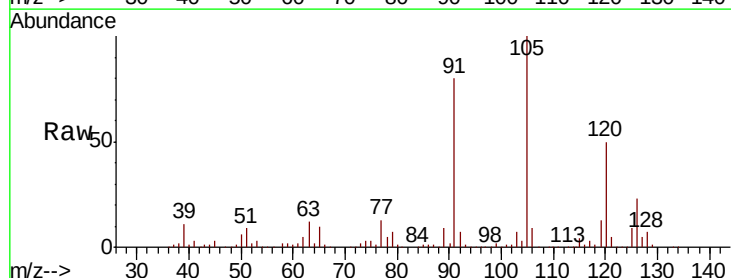
Acq: 04 Sep 2018 13:04

Tgt Ion:105 Resp: 195196

Ion Ratio Lower Upper

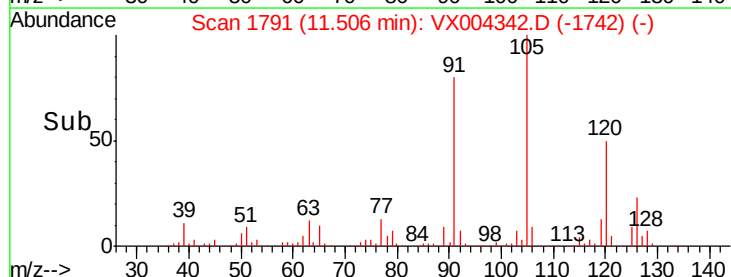
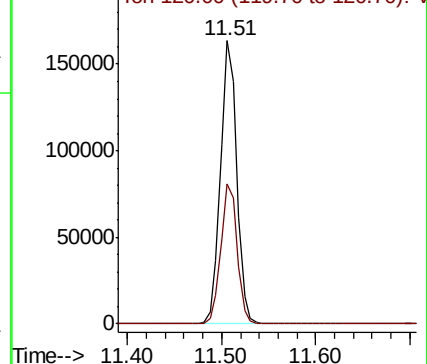
105 100

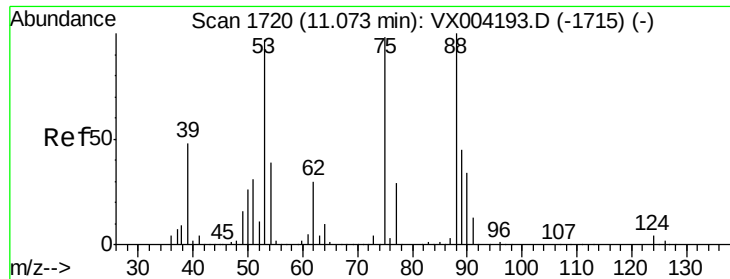
120 49.9 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.97 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS01

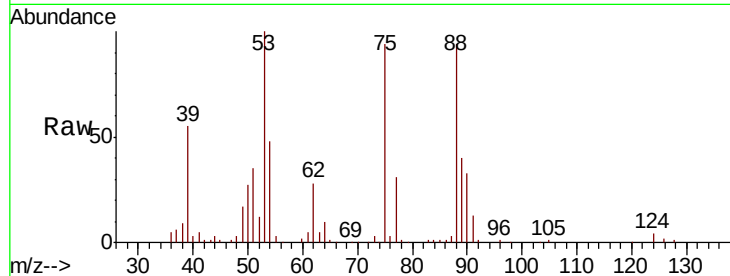
Tot Ion: 75 Resp: 25610

Ion Ratio Lower Upper

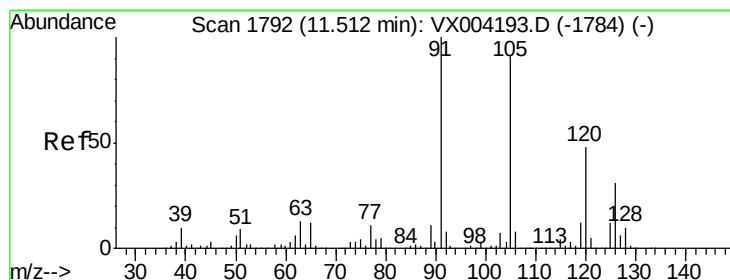
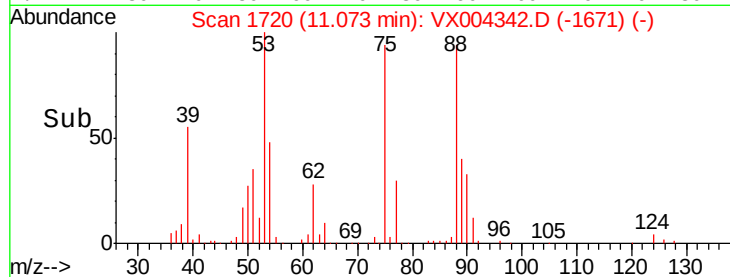
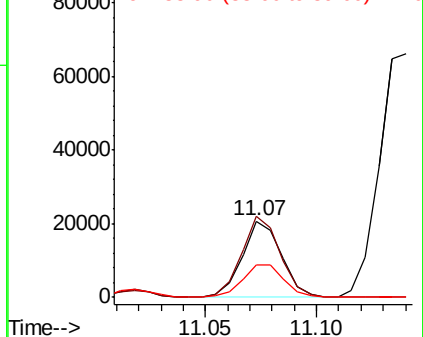
75 100

53 105.4 80.1 120.1

89 45.1 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: 18.92 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004342.D

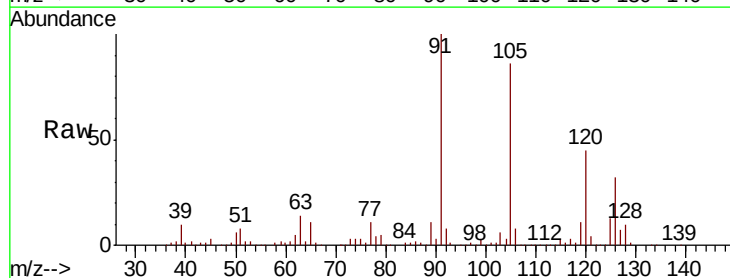
Acq: 04 Sep 2018 13:04

Tgt Ion: 91 Resp: 201718

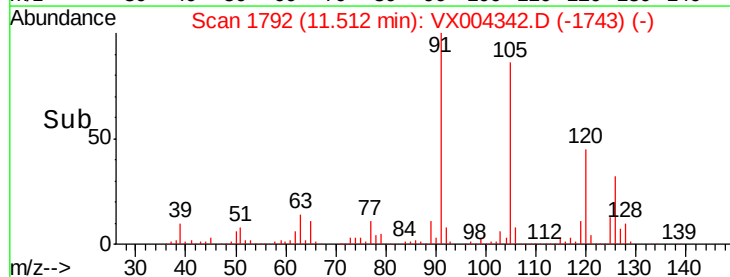
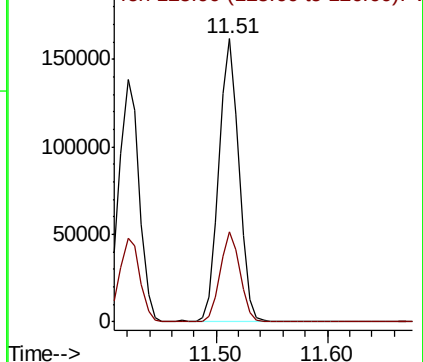
Ion Ratio Lower Upper

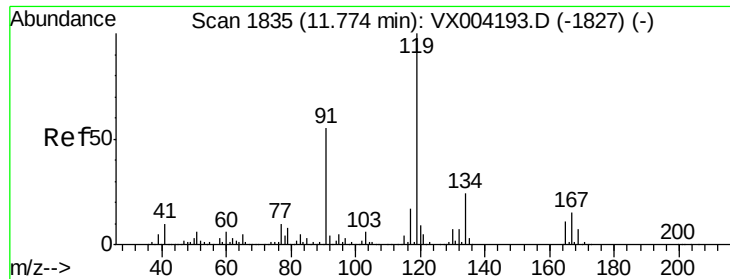
91 100

126 31.7 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

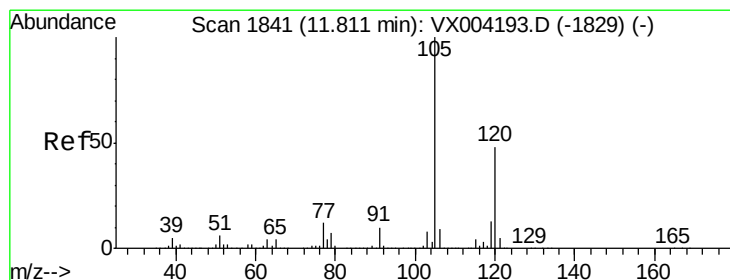
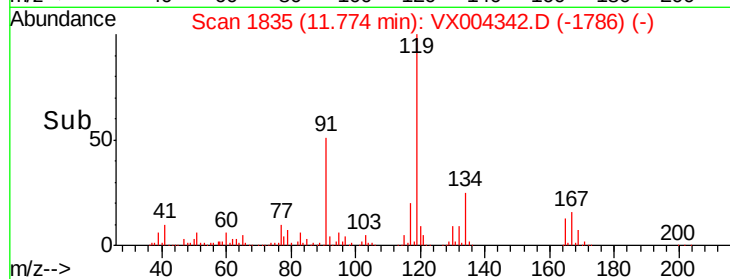
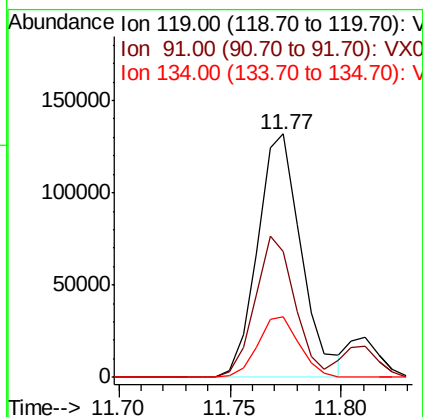
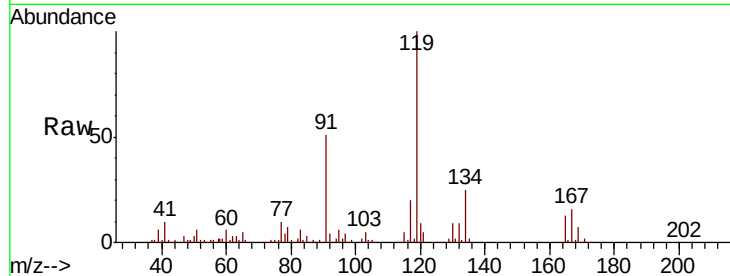




#83
 tert-Butylbenzene
 Concen: 16.91 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

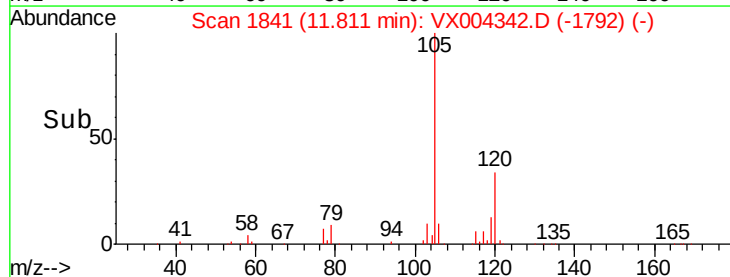
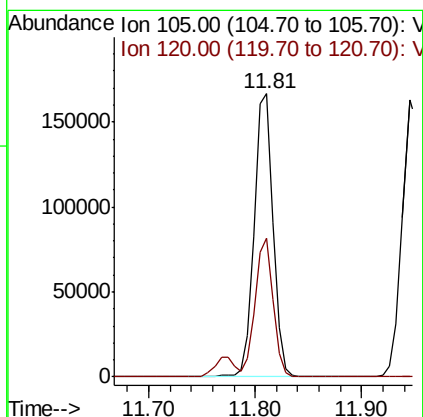
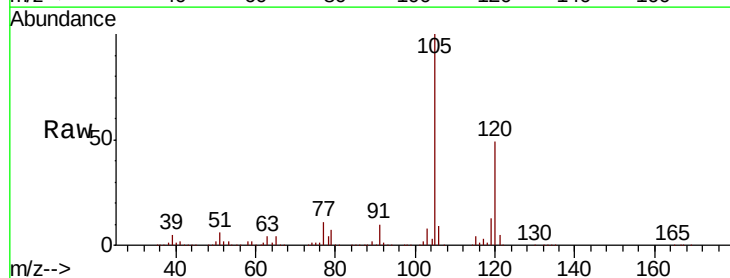
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS01

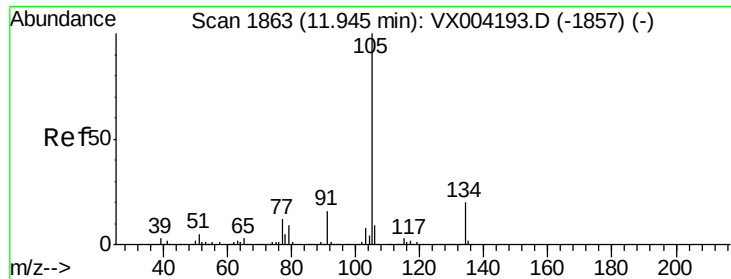
Tot Ion:119 Resp: 180302
 Ion Ratio Lower Upper
 119 100
 91 52.7 27.0 81.0
 134 23.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.13 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Tgt Ion:105 Resp: 208088
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 16.01 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

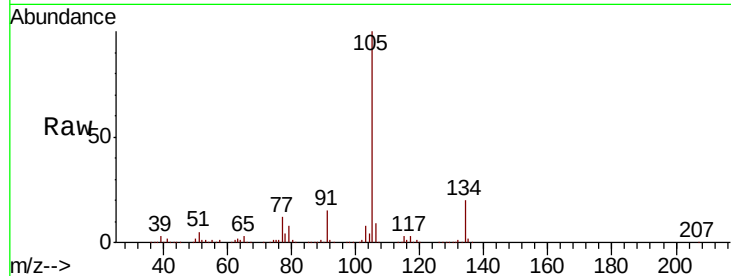
VX0904WBS01

Tot Ion:105 Resp: 202668

Ion Ratio Lower Upper

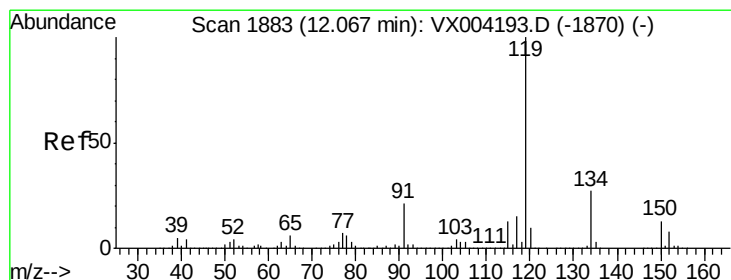
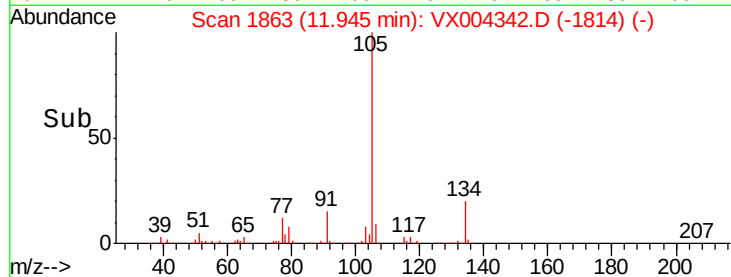
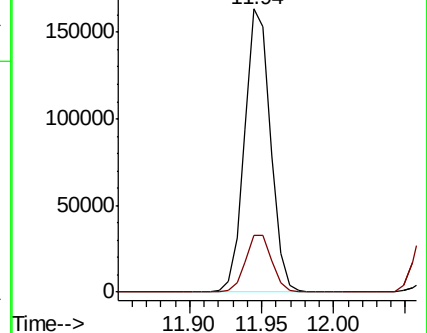
105 100

134 20.7 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: 16.62 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

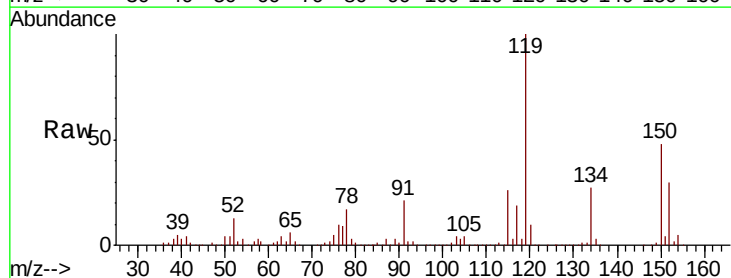
Tgt Ion:119 Resp: 188571

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

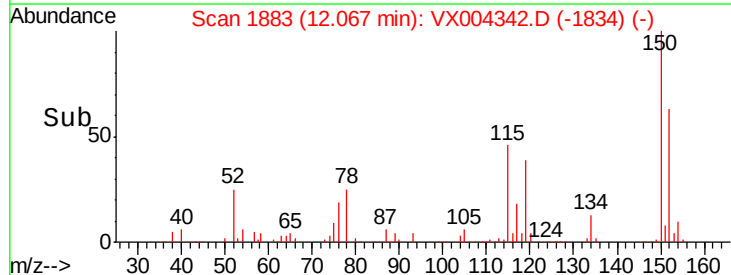
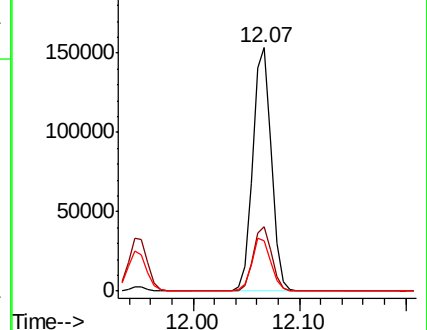
91 21.9 10.9 32.7

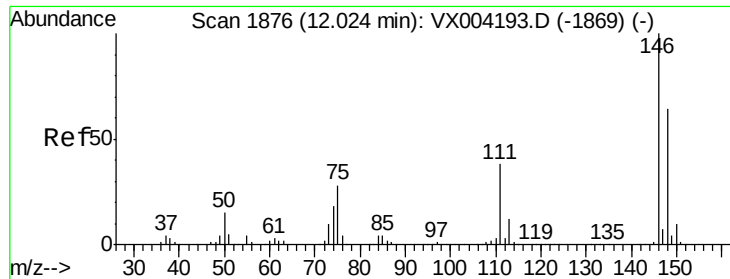


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

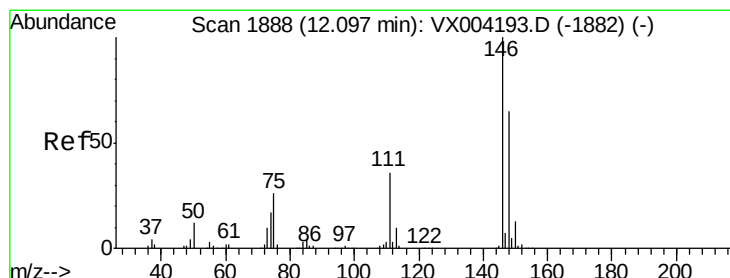
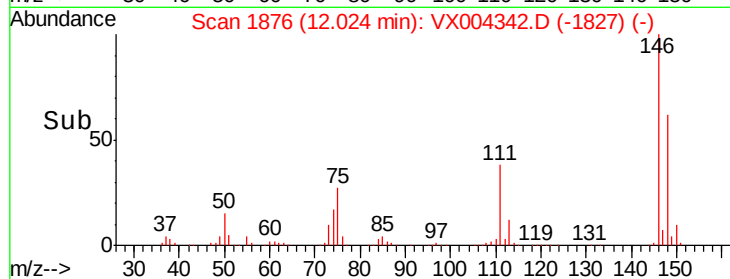
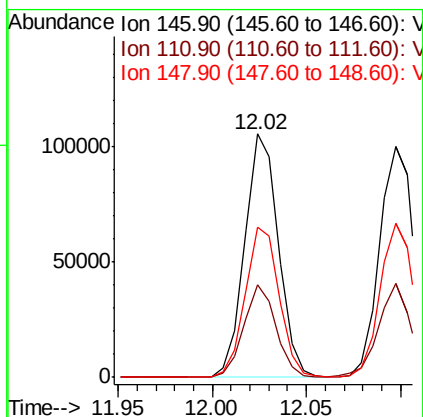
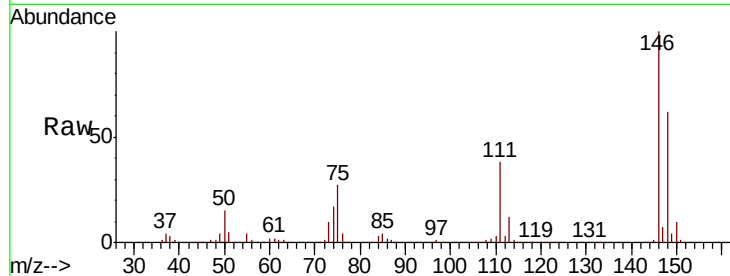




#87
 1,3-Dichlorobenzene
 Concen: 19.39 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

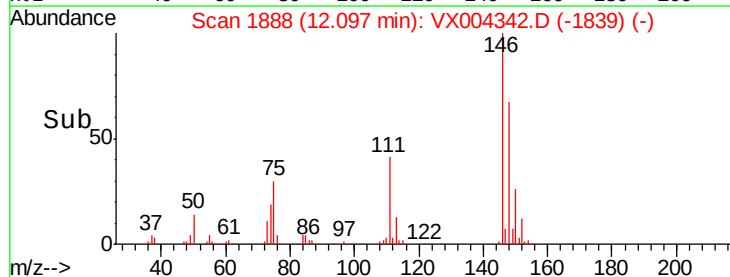
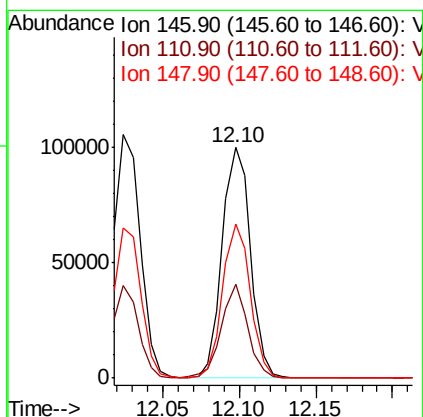
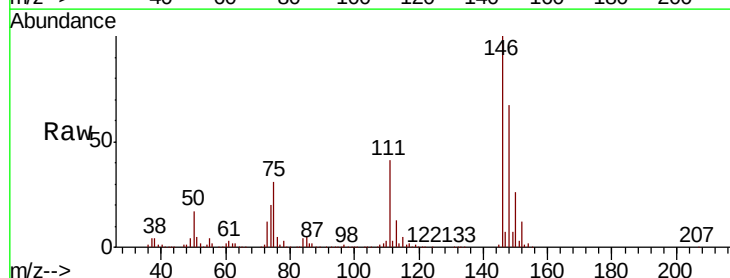
Instrument :
 MSVOA_X
 ClientSampled :
 VX0904WBS01

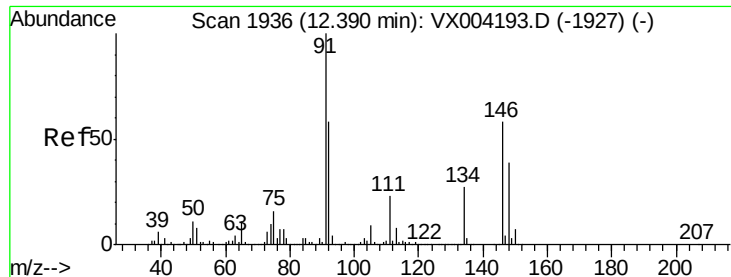
Tot Ion:146 Resp: 131090
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.7 56.1
 148 62.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 17.99 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Tgt Ion:146 Resp: 128191
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.1 54.1
 148 65.8 32.0 96.0

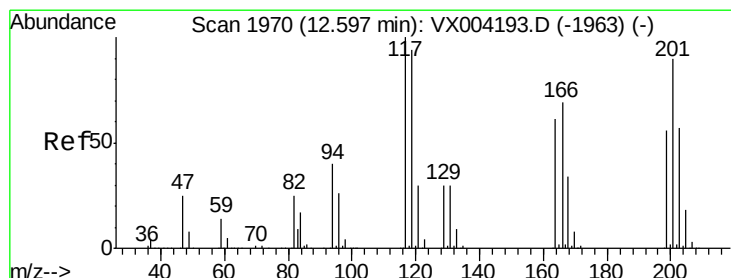
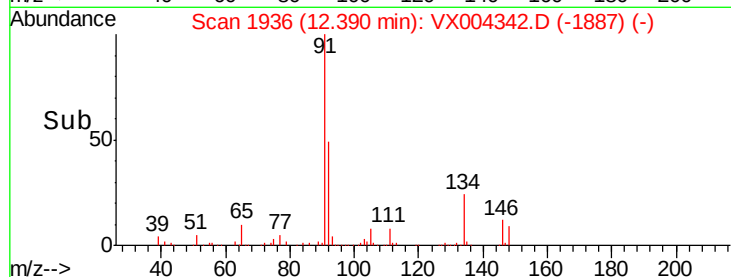
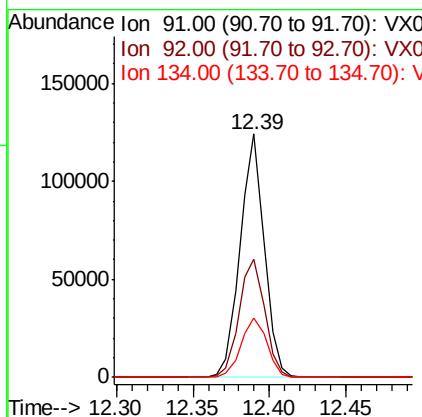
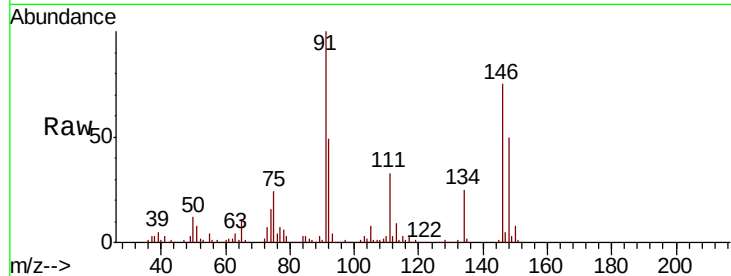




#89
n-Butylbenzene
Concen: 14.73 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

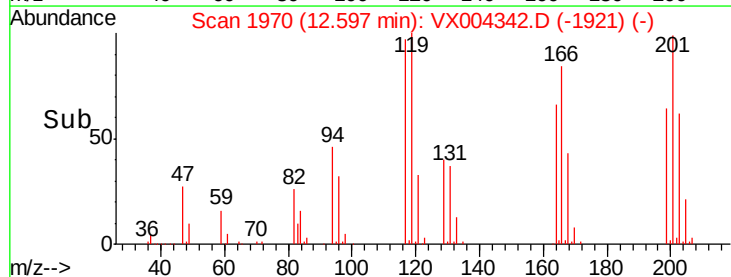
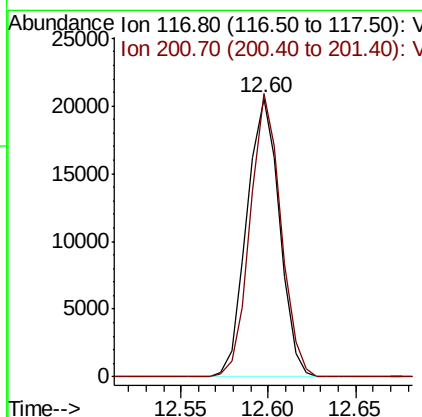
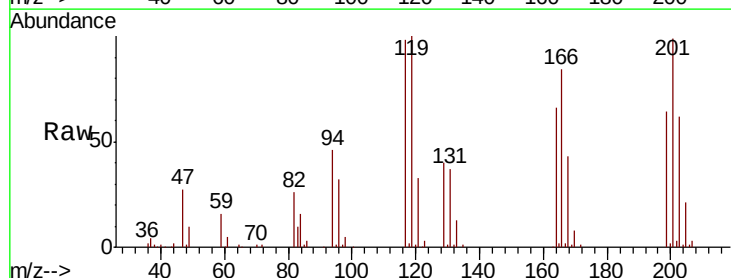
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS01

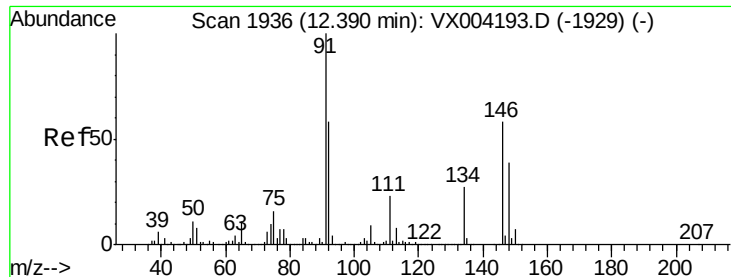
Tot Ion: 91 Resp: 135855
Ion Ratio Lower Upper
91 100
92 51.8 27.3 81.9
134 26.2 13.6 40.7



#90
Hexachloroethane
Concen: 16.97 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004342.D
Acq: 04 Sep 2018 13:04

Tgt Ion: 117 Resp: 26906
Ion Ratio Lower Upper
117 100
201 94.8 46.9 140.6

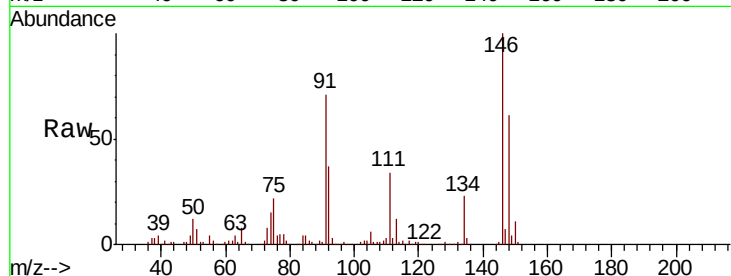




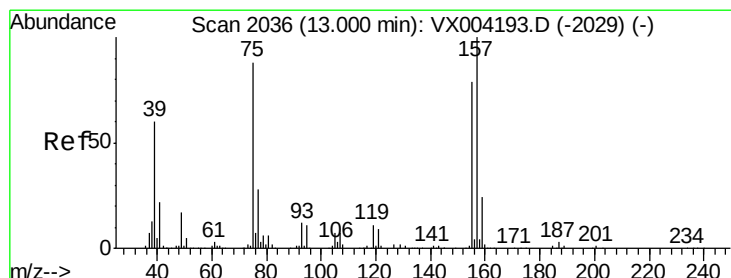
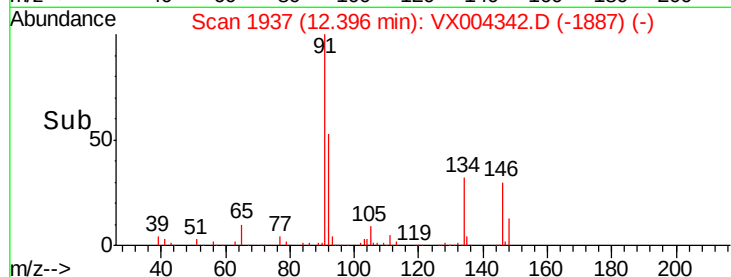
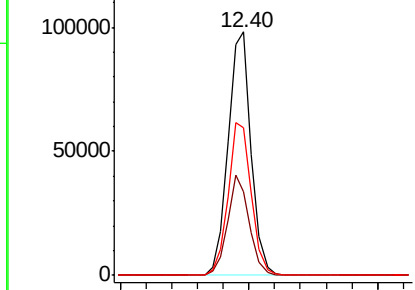
#91
 1,2-Dichlorobenzene
 Concen: 19.90 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.1
148	63.4	32.8	98.3

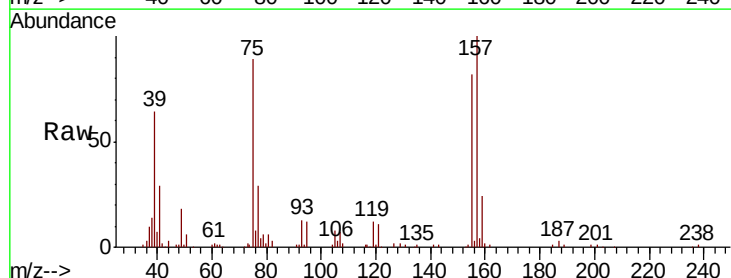


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

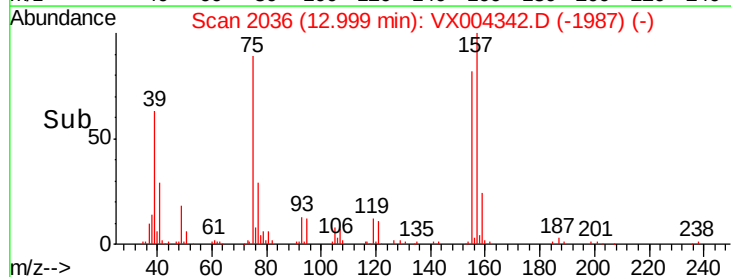
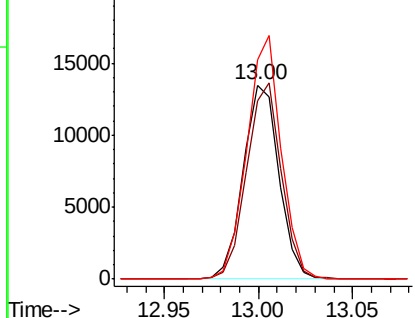


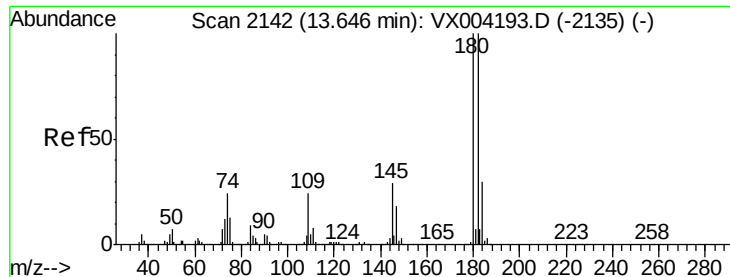
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.48 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	48.0	144.2
157	120.7	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

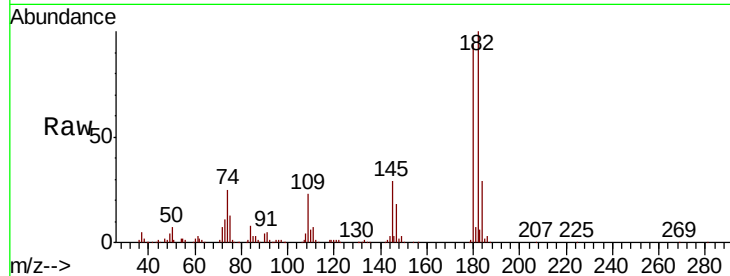




#93
 1,2,4-Trichlorobenzene
 Concen: 18.86 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.6	48.4	145.0
145	28.4	14.3	42.9

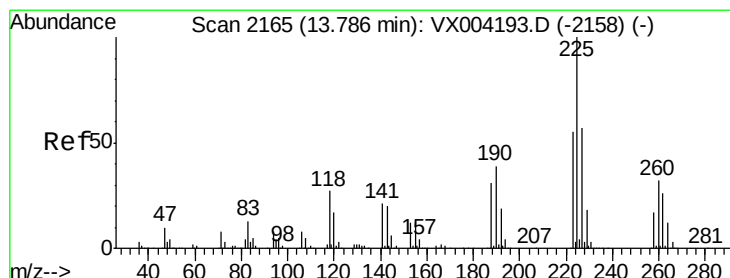
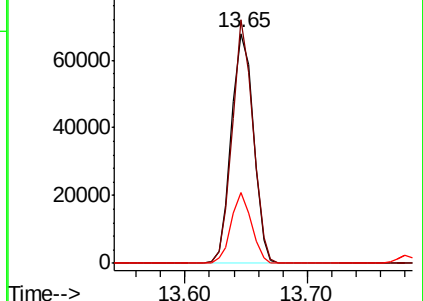
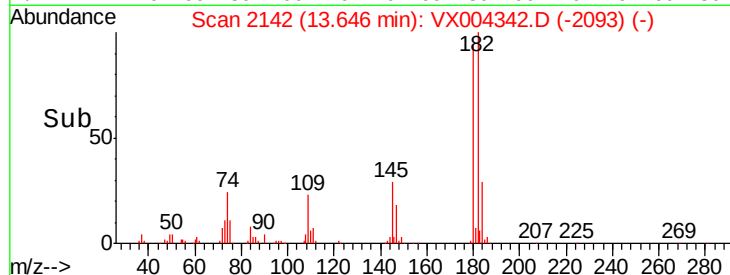


Abundance

Ion 179.80 (179.50 to 180.50): V

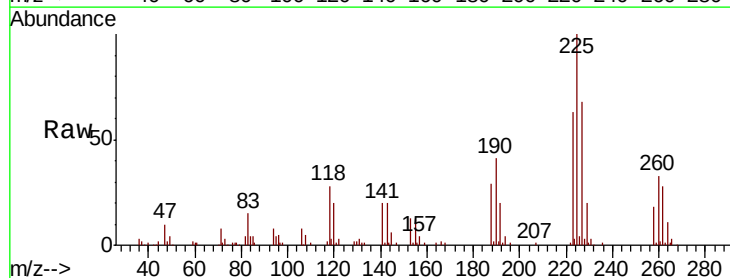
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 15.83 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004342.D
 Acq: 04 Sep 2018 13:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.1	90.5
227	63.5	30.8	92.4

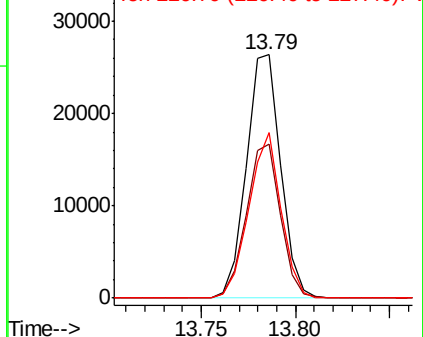
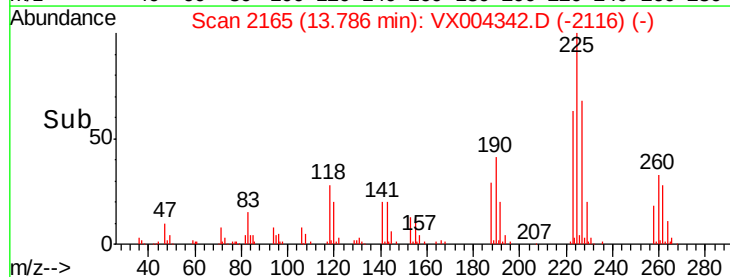


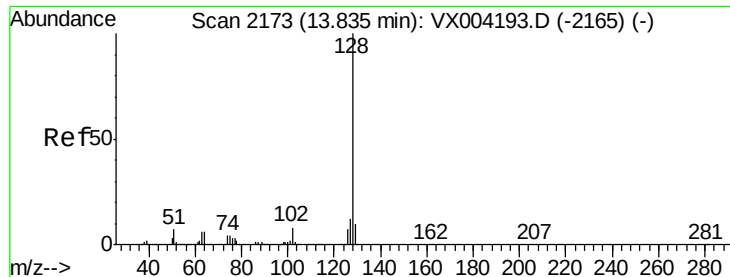
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.20 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS01

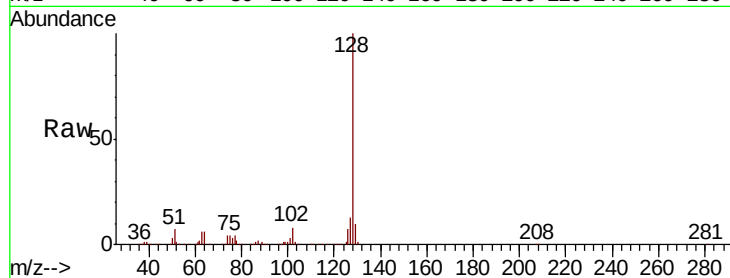
Tot Ion:128 Resp: 282290

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

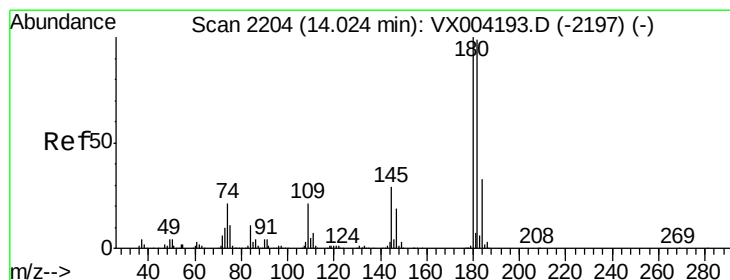
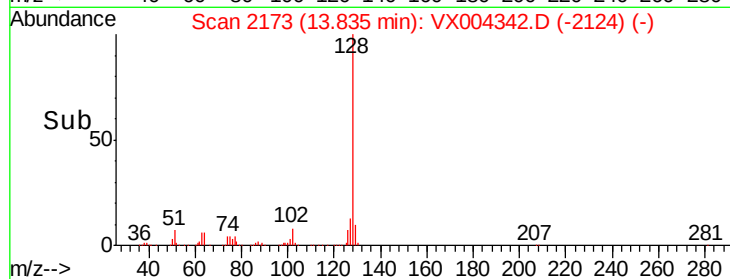
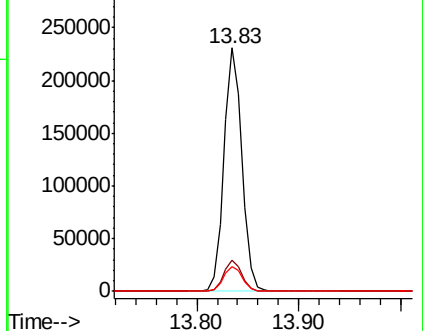
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.47 ug/l

RT: 14.02 min Scan# 2203

Delta R.T. -0.01 min

Lab File: VX004342.D

Acq: 04 Sep 2018 13:04

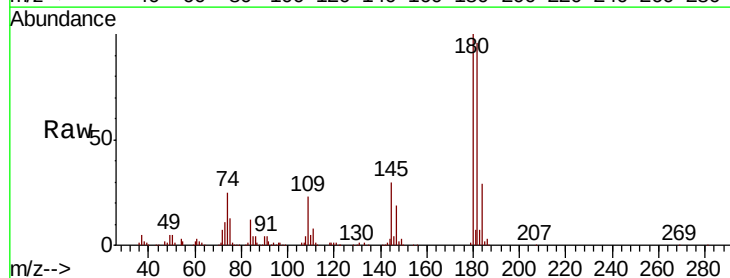
Tgt Ion:180 Resp: 97413

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.6

145 29.3 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

