

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004344.D
 Acq On : 04 Sep 2018 13:58
 Operator : JC/MD
 Sample : VX0904WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

Quant Time: Sep 05 06:39:07 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	311684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	409473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200152	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	5.50	113	172802	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	8.71	98	642917	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.14	95	237129	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68478	18.97	ug/l	96
3) Chloromethane	1.32	50	75927	19.21	ug/l	100
4) Vinyl Chloride	1.40	62	78441	19.21	ug/l	100
5) Bromomethane	1.64	94	37913	17.52	ug/l	97
6) Chloroethane	1.72	64	60726	20.14	ug/l	100
7) Trichlorofluoromethane	1.92	101	108520	19.39	ug/l	98
8) Diethyl Ether	2.18	74	48778	20.35	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69317	19.78	ug/l	100
10) Methyl Iodide	2.51	142	62419	18.70	ug/l	98
11) Tert butyl alcohol	3.07	59	94269	108.86	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63318	19.18	ug/l	99
13) Acrolein	2.29	56	22168	106.18	ug/l	97
14) Allyl chloride	2.72	41	126189	20.80	ug/l	96
15) Acrylonitrile	3.15	53	228007	106.32	ug/l	100
16) Acetone	2.45	43	199591	116.03	ug/l	100
17) Carbon Disulfide	2.56	76	157108	17.66	ug/l	99
18) Methyl Acetate	2.78	43	162897	27.02	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	226970	20.86	ug/l	97
20) Methylene Chloride	2.86	84	78526	20.08	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	69229	18.94	ug/l	96
22) Diisopropyl ether	3.87	45	233454	20.61	ug/l	94
23) Vinyl Acetate	3.82	43	882782	96.16	ug/l	100
24) 1,1-Dichloroethane	3.69	63	136649	20.70	ug/l	100
25) 2-Butanone	4.70	43	297175	107.55	ug/l	99
26) 2,2-Dichloropropane	4.58	77	104953	20.27	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	80348	19.38	ug/l	99
28) Bromochloromethane	5.01	49	64856	22.19	ug/l	98
29) Tetrahydrofuran	5.16	42	183288	105.01	ug/l	99
30) Chloroform	5.21	83	133022	20.10	ug/l	99
31) Cyclohexane	5.57	56	106311	18.67	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	109704	19.88	ug/l	99
36) 1,1-Dichloropropene	5.79	75	94887	18.88	ug/l	98
37) Ethyl Acetate	4.86	43	102101	20.66	ug/l	99
38) Carbon Tetrachloride	5.78	117	93359	19.75	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107625	18.76	ug/l	99
40) Benzene	6.14	78	303572	20.21	ug/l	100
41) Methacrylonitrile	5.06	41	60502	21.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	102661	20.04	ug/l	99
43) Isopropyl Acetate	6.46	43	155978	20.54	ug/l	99
44) Trichloroethene	7.21	130	81486	19.60	ug/l	99
45) 1,2-Dichloropropane	7.52	63	78669	20.93	ug/l	100
46) Dibromomethane	7.67	93	50240	20.07	ug/l	99
47) Bromodichloromethane	7.90	83	95722	20.56	ug/l	99
48) Methyl methacrylate	7.78	41	83611	20.57	ug/l	99
49) 1,4-Dioxane	7.76	88	40862	442.84	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	566363	102.63	ug/l	99
52) Toluene	8.79	92	193156	20.55	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	104259	20.27	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	115850	20.68	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	80178	21.13	ug/l	99
56) Ethyl methacrylate	9.18	69	105550	20.43	ug/l	99
57) 1,3-Dichloropropane	9.37	76	134112	20.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	305889	115.56	ug/l	99
59) 2-Hexanone	9.50	43	434498	103.20	ug/l	99
60) Dibromochloromethane	9.59	129	75196	20.34	ug/l	98
61) 1,2-Dibromoethane	9.67	107	80654	20.54	ug/l	98
64) Tetrachloroethene	9.34	164	85217	21.07	ug/l	99
65) Chlorobenzene	10.14	112	209200	20.36	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	69957	19.74	ug/l	98
67) Ethyl Benzene	10.25	91	323043	19.36	ug/l	95
68) m/p-Xylenes	10.36	106	276916	42.43	ug/l	100
69) o-Xylene	10.70	106	131433	21.29	ug/l	99
70) Styrene	10.71	104	222653	22.28	ug/l	99
71) Bromoform	10.86	173	57797	20.23	ug/l #	99
73) Isopropylbenzene	11.02	105	359630	22.45	ug/l	100
74) N-amyl acetate	10.90	43	129763	21.04	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	120383	21.48	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	137362	27.69	ug/l	86
77) Bromobenzene	11.26	156	95656	21.29	ug/l	97
78) n-propylbenzene	11.36	91	407473	22.12	ug/l	99
79) 2-Chlorotoluene	11.42	91	248175	21.89	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	301358	22.72	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	31860	20.84	ug/l	96
82) 4-Chlorotoluene	11.51	91	288863	21.65	ug/l	100
83) tert-Butylbenzene	11.77	119	293941	22.02	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	310632	22.81	ug/l	99
85) sec-Butylbenzene	11.94	105	363040	22.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	318444	22.43	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	180986	21.39	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	173093	19.41	ug/l	97
89) n-Butylbenzene	12.39	91	257114	22.27	ug/l	100
90) Hexachloroethane	12.60	117	42776	21.55	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	168102	21.74	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21347	21.62	ug/l	97

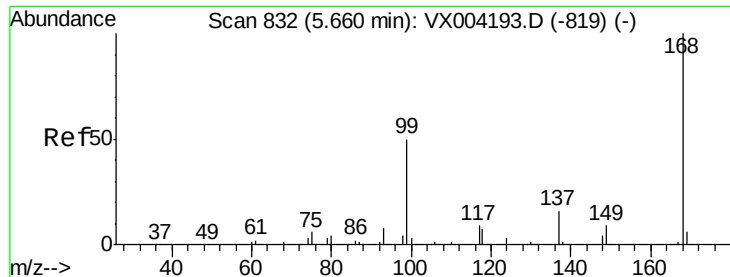
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121161	21.54	ug/l	100
94) Hexachlorobutadiene	13.78	225	66836	25.47	ug/l	96
95) Naphthalene	13.83	128	373822	23.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132841	22.31	ug/l	100

(#) = 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: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

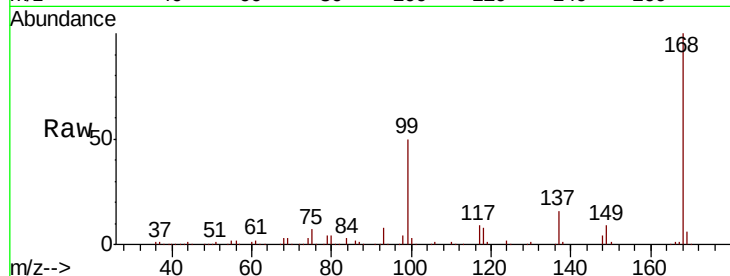
VX0904WBS02

Tot Ion:168 Resp: 311684

Ion Ratio Lower Upper

168 100

99 49.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

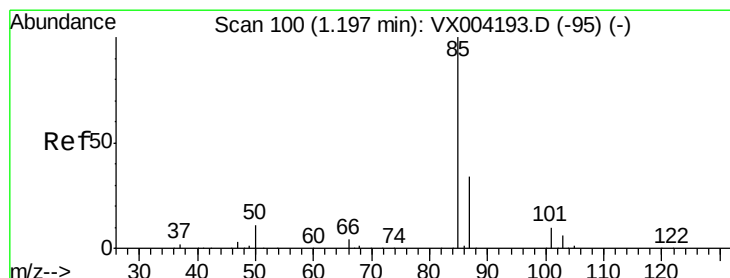
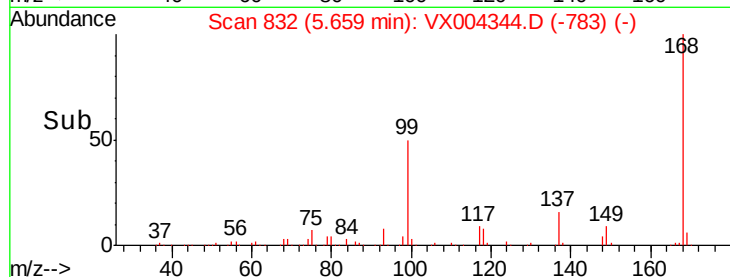
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.97 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004344.D

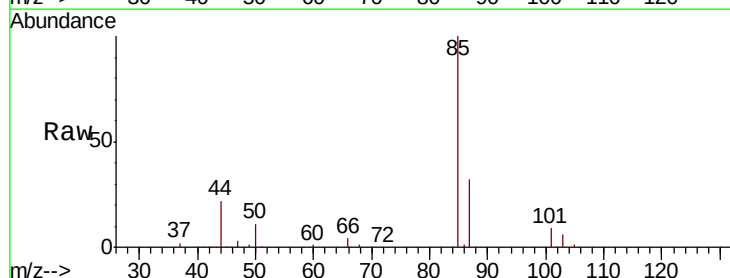
Acq: 04 Sep 2018 13:58

Tgt Ion: 85 Resp: 68478

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

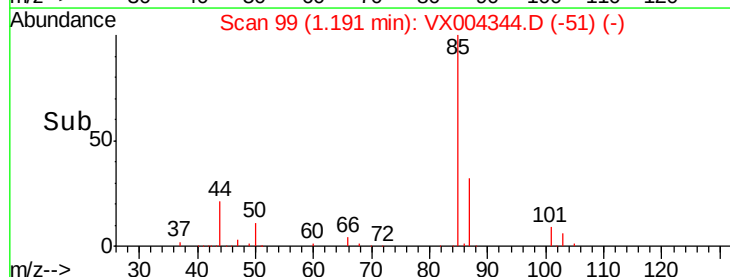
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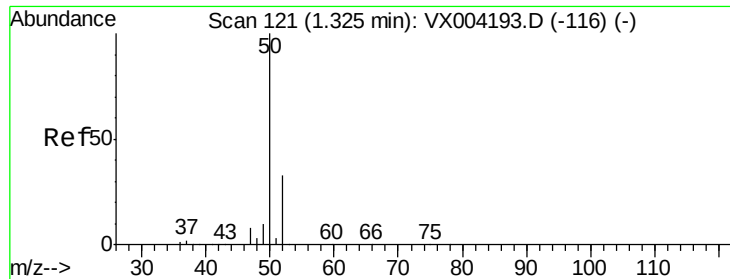
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.21 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

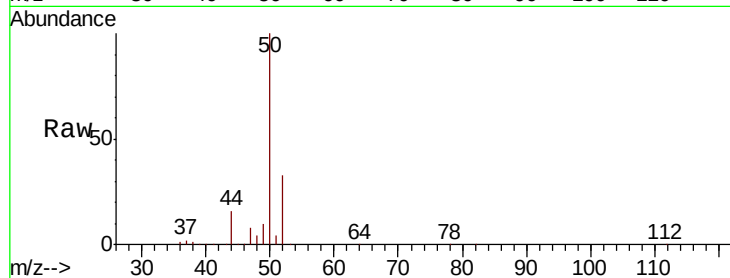
VX0904WBS02

Tot Ion: 50 Resp: 75927

Ion Ratio Lower Upper

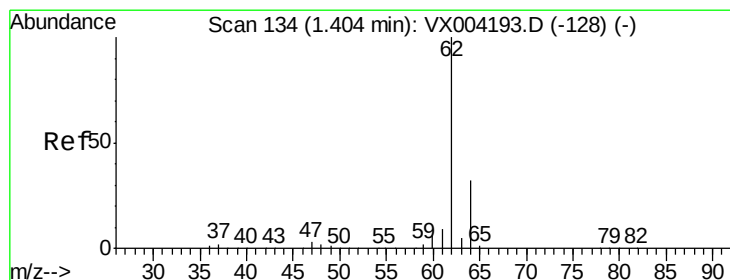
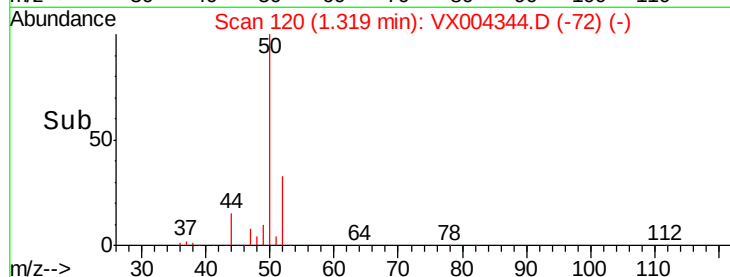
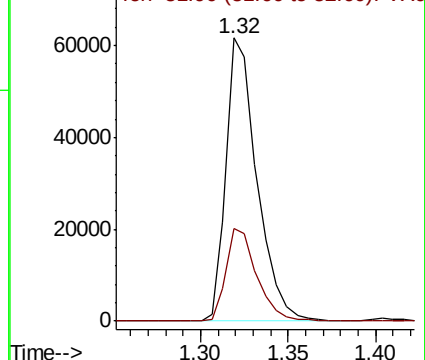
50 100

52 32.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.21 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004344.D

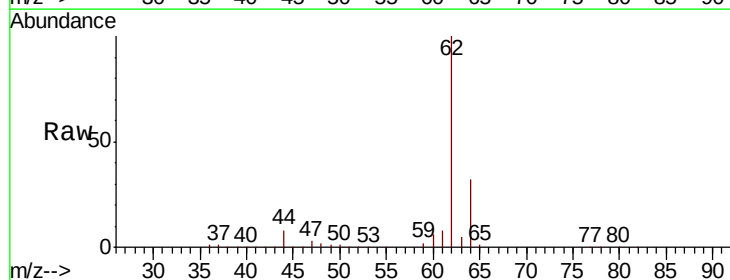
Acq: 04 Sep 2018 13:58

Tgt Ion: 62 Resp: 78441

Ion Ratio Lower Upper

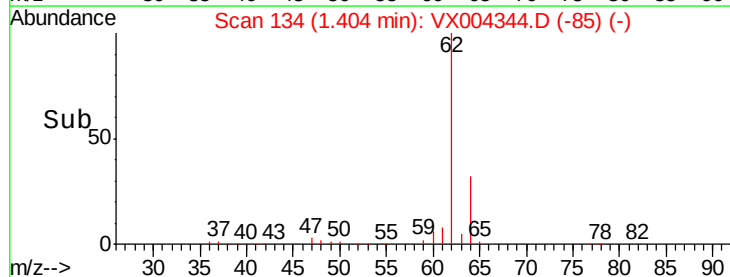
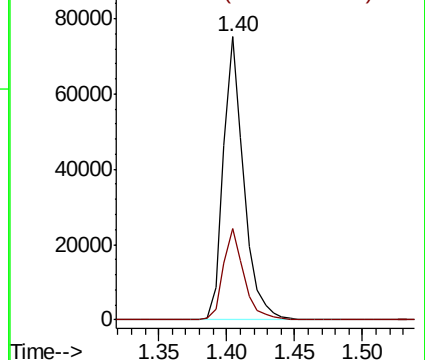
62 100

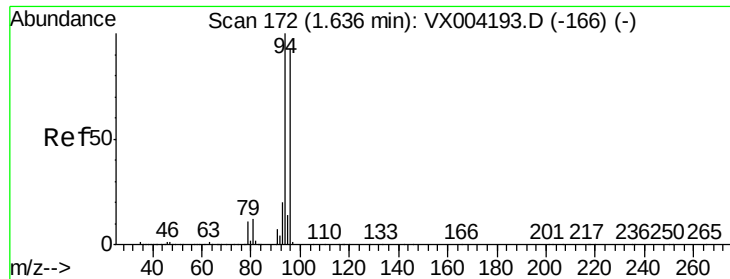
64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.52 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

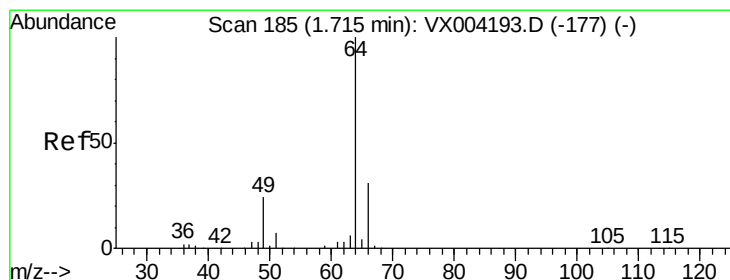
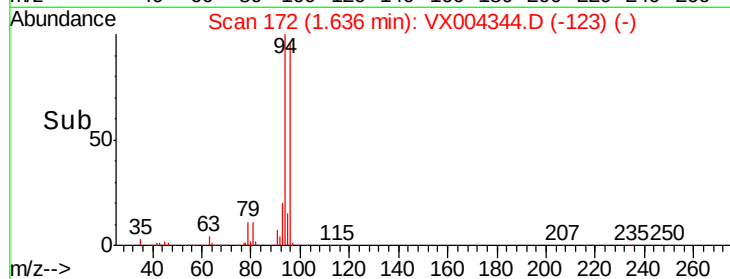
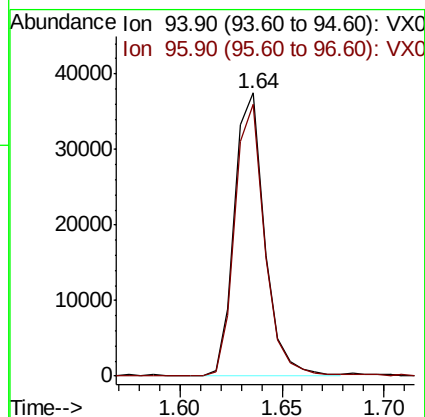
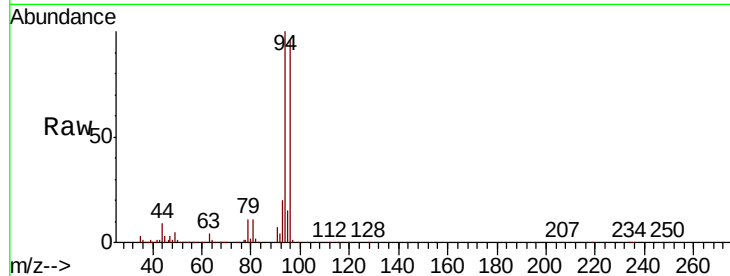
VX0904WBS02

Tot Ion: 94 Resp: 37913

Ion Ratio Lower Upper

94 100

96 96.4 74.5 111.7



#6

Chloroethane

Concen: 20.14 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX004344.D

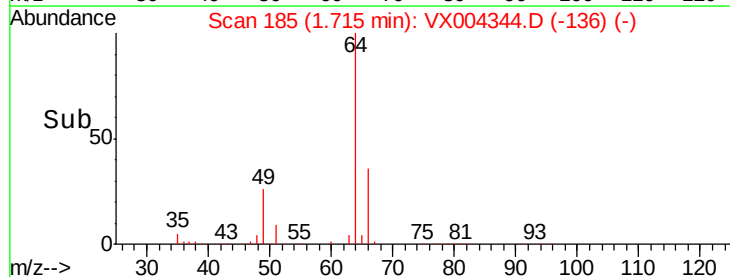
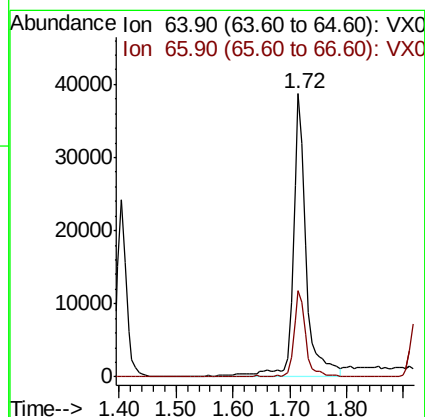
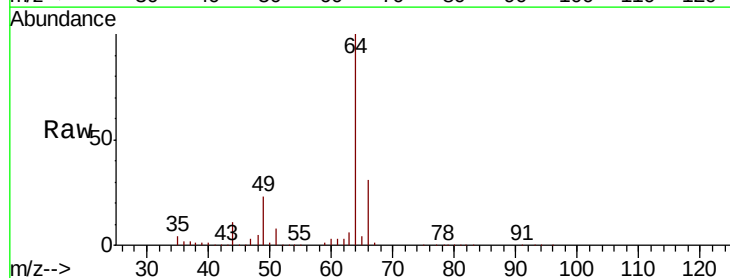
Acq: 04 Sep 2018 13:58

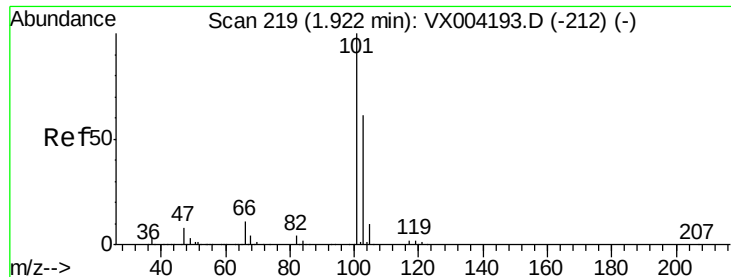
Tgt Ion: 64 Resp: 60726

Ion Ratio Lower Upper

64 100

66 30.6 24.6 36.8



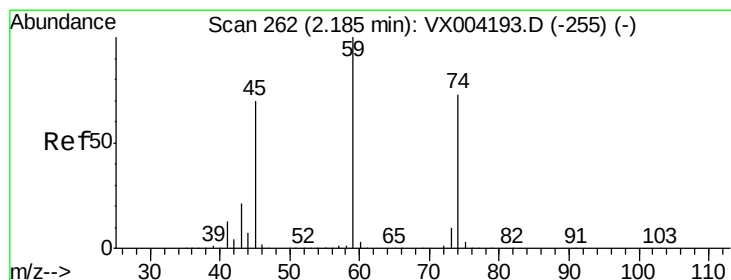
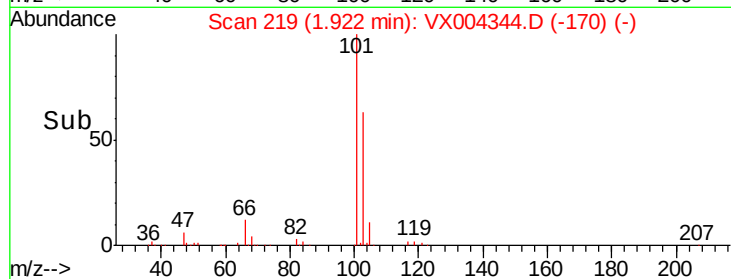
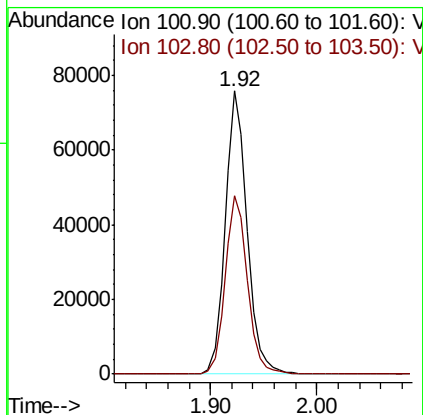
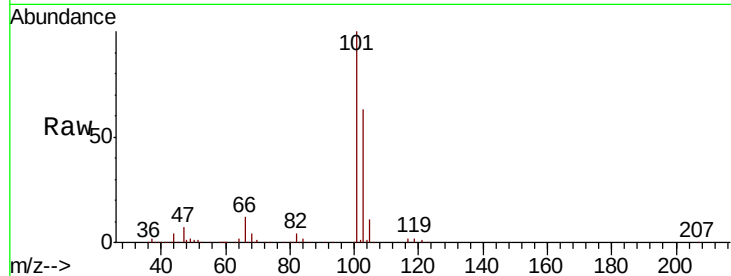


#7

Trichlorofluoromethane
 Concen: 19.39 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

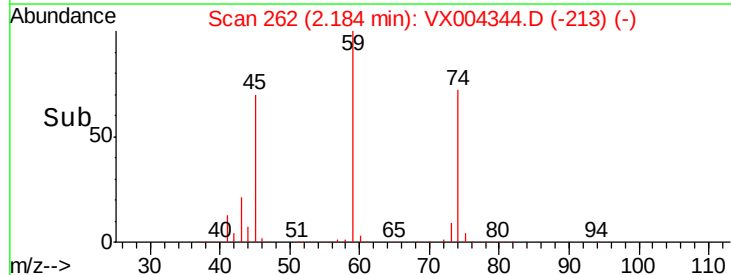
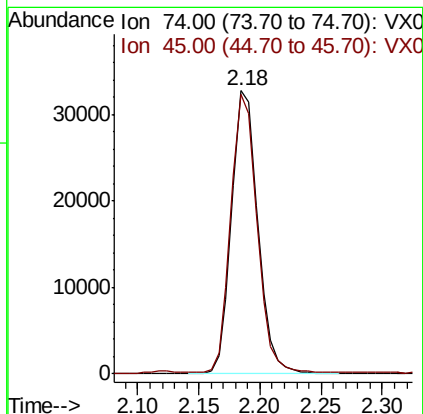
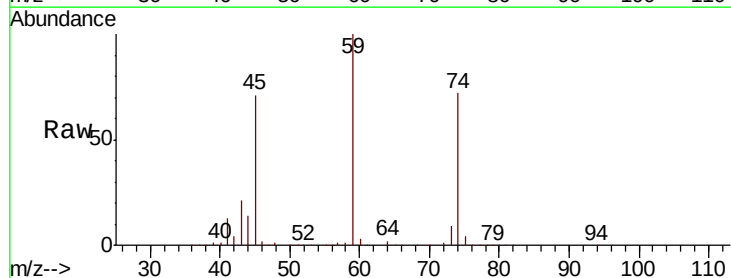
Tot Ion:101 Resp: 108520
 Ion Ratio Lower Upper
 101 100
 103 62.8 48.9 73.3

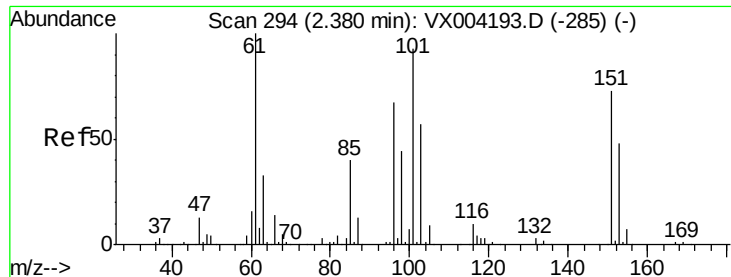


#8

Diethyl Ether
 Concen: 20.35 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion: 74 Resp: 48778
 Ion Ratio Lower Upper
 74 100
 45 97.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.78 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

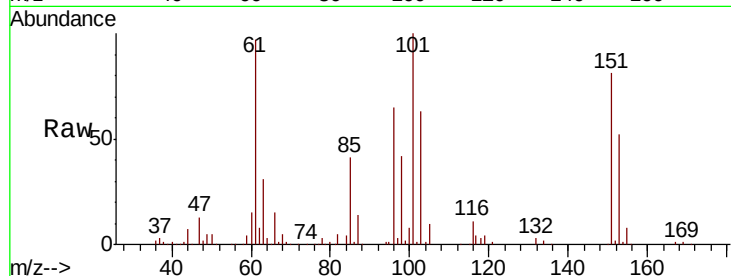
Tot Ion:101 Resp: 69317

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.4

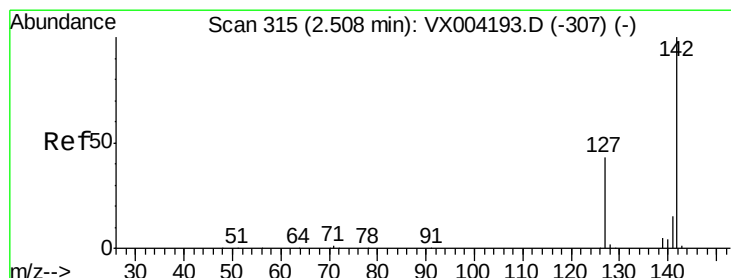
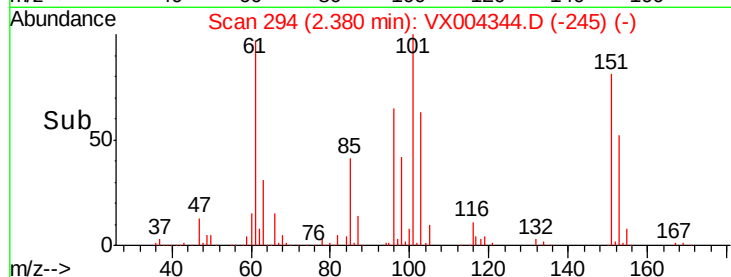
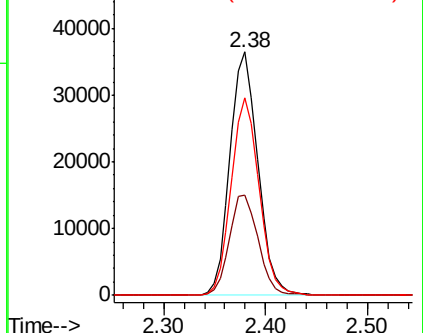
151 81.1 65.0 97.6



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: 18.70 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

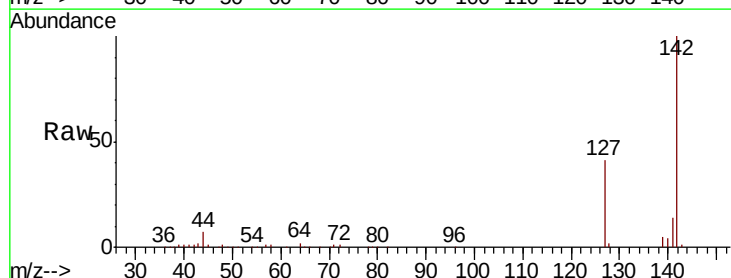
Tgt Ion:142 Resp: 62419

Ion Ratio Lower Upper

142 100

127 40.6 33.8 50.6

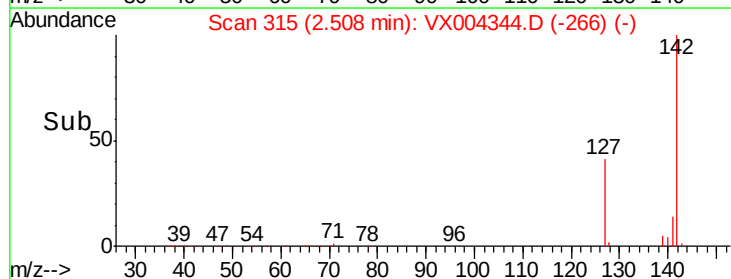
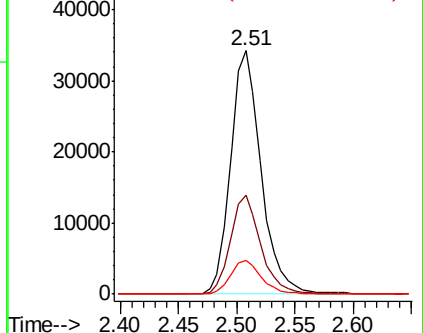
141 13.9 11.4 17.0

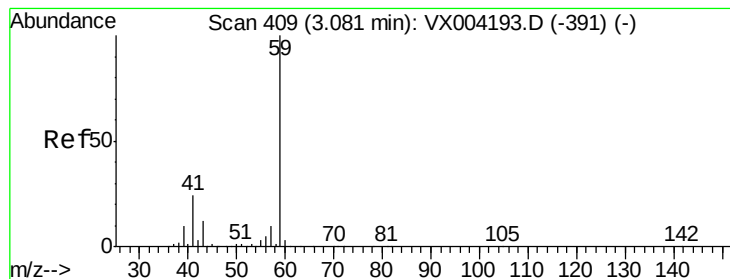


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 108.86 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

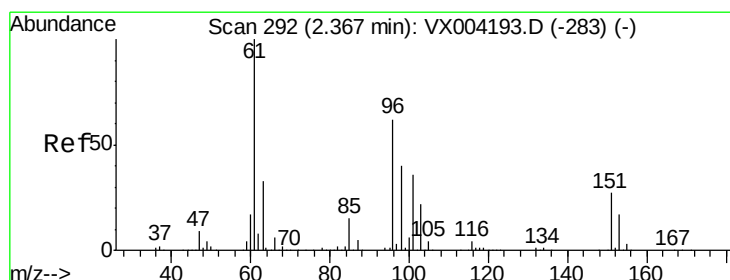
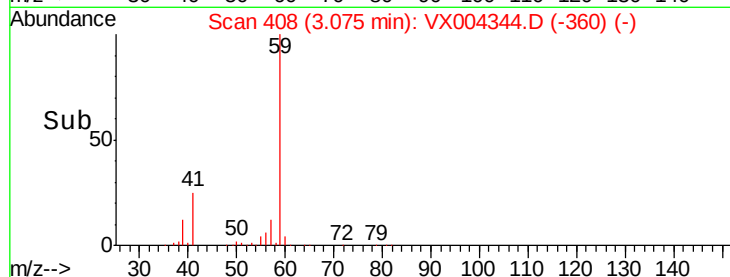
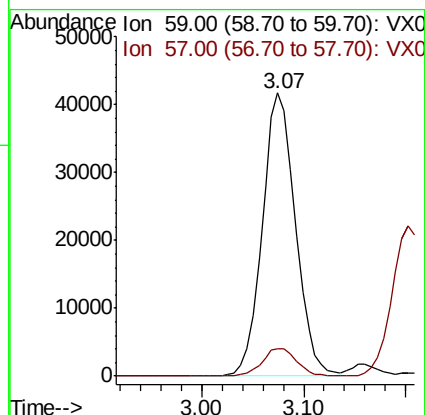
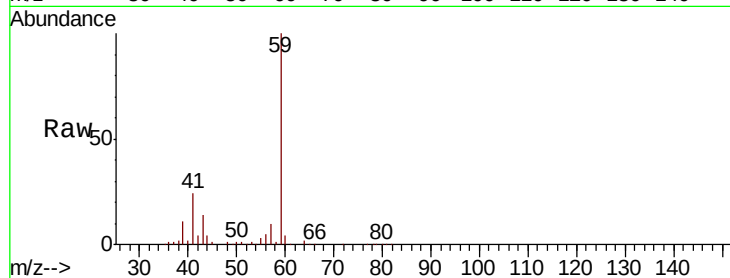
VX0904WBS02

Tot Ion: 59 Resp: 94269

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#12

1,1-Dichloroethene

Concen: 19.18 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

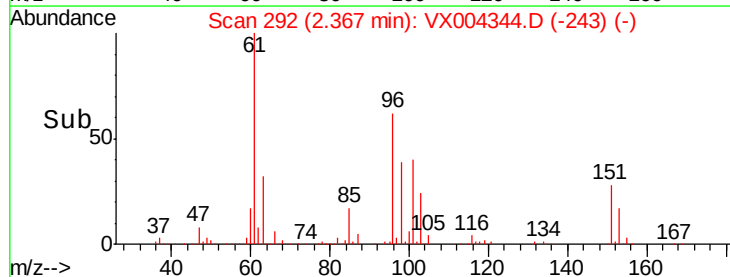
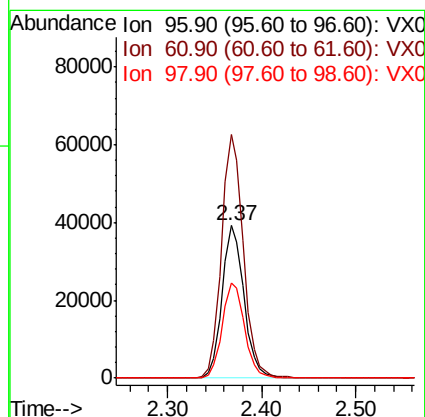
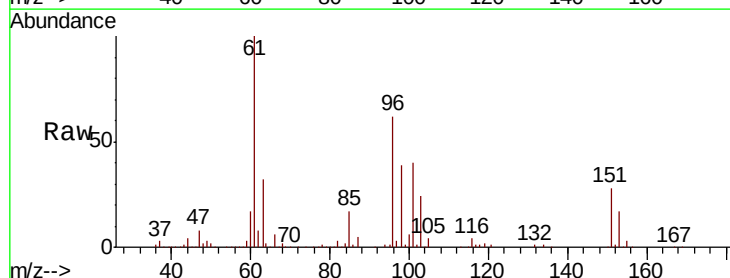
Tgt Ion: 96 Resp: 63318

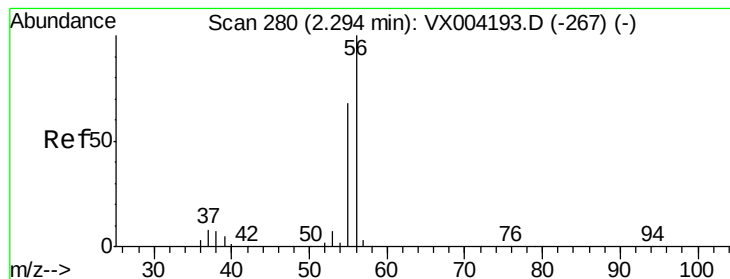
Ion Ratio Lower Upper

96 100

61 160.1 128.8 193.2

98 62.7 52.2 78.2





#13

Acrolein

Concen: 106.18 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

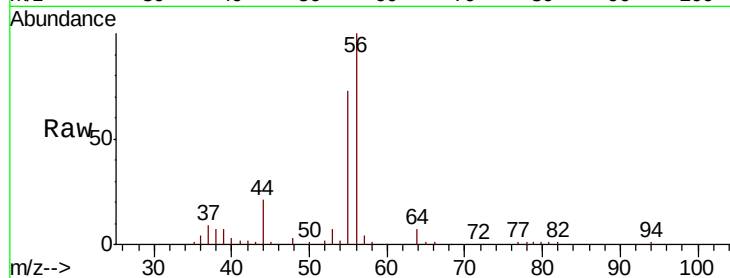
VX0904WBS02

Tot Ion: 56 Resp: 22168

Ion Ratio Lower Upper

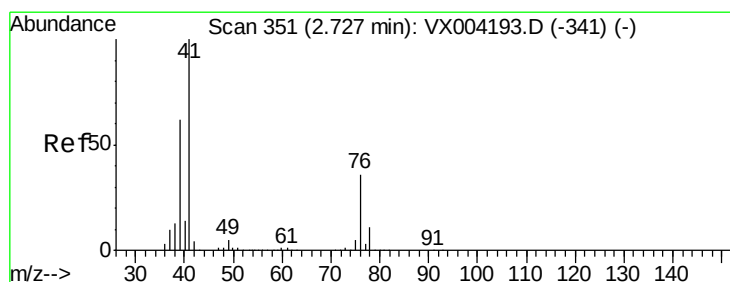
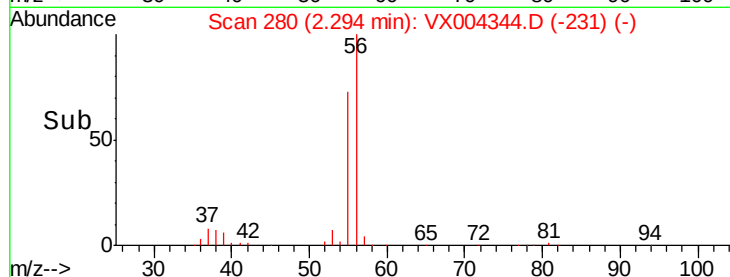
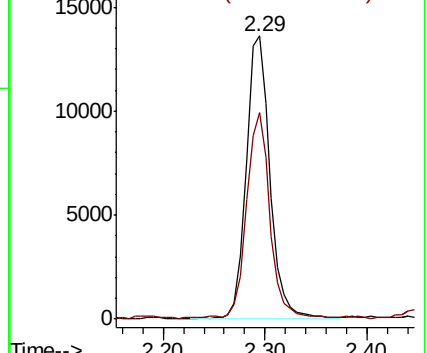
56 100

55 71.2 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.80 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

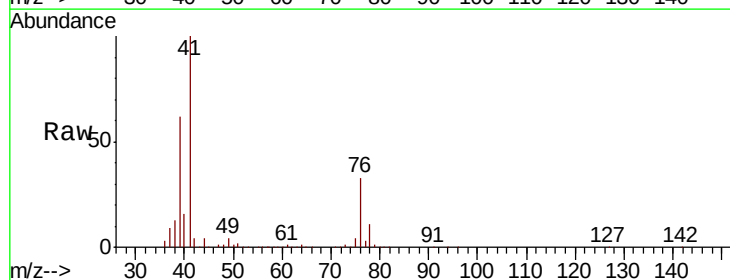
Tgt Ion: 41 Resp: 126189

Ion Ratio Lower Upper

41 100

39 58.0 48.9 73.3

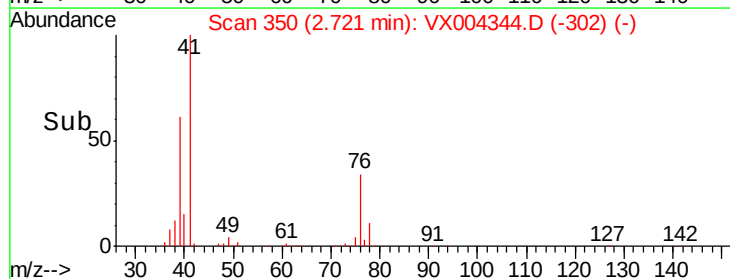
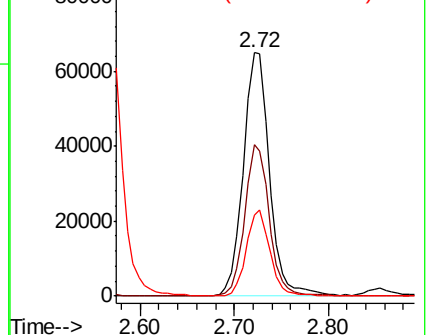
76 32.1 26.7 40.1

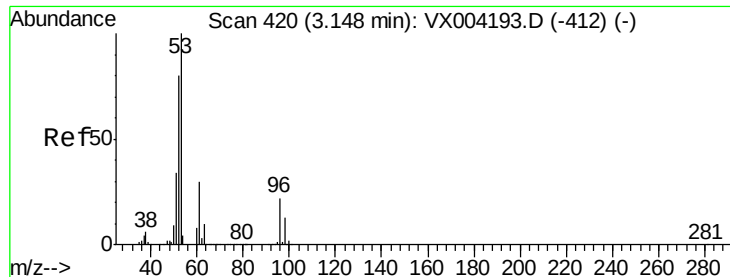


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 106.32 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

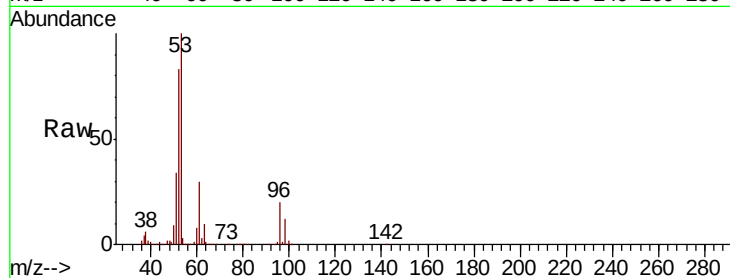
Tot Ion: 53 Resp: 228007

Ion Ratio Lower Upper

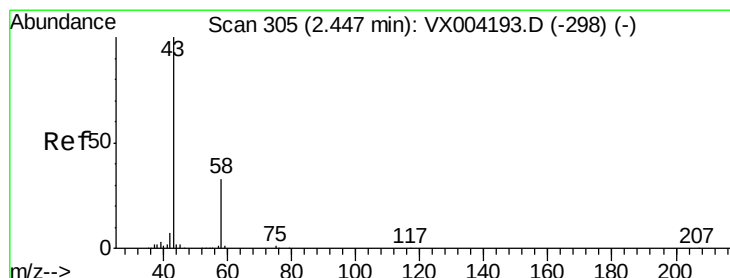
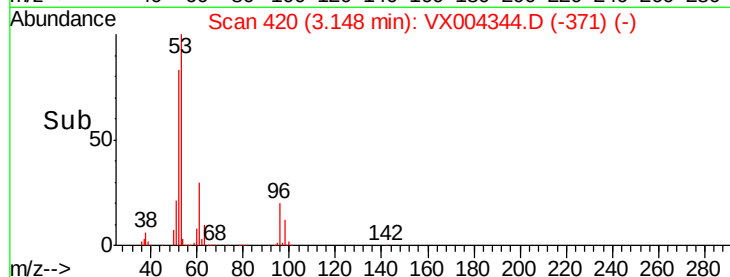
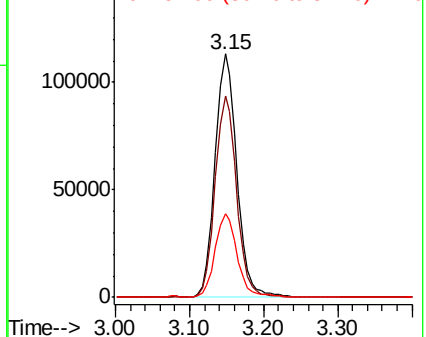
53 100

52 81.5 65.2 97.8

51 34.6 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: 116.03 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004344.D

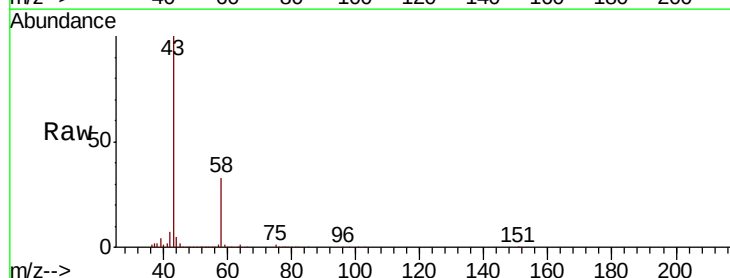
Acq: 04 Sep 2018 13:58

Tgt Ion: 43 Resp: 199591

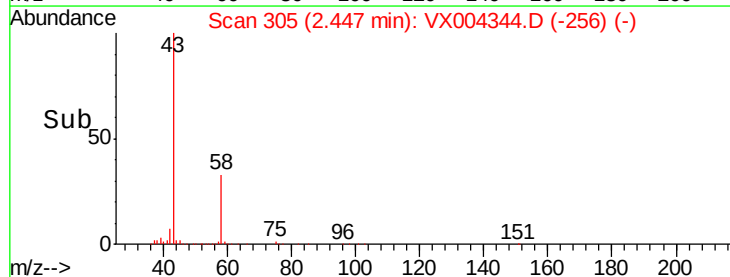
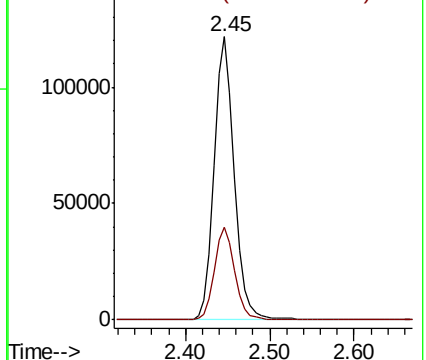
Ion Ratio Lower Upper

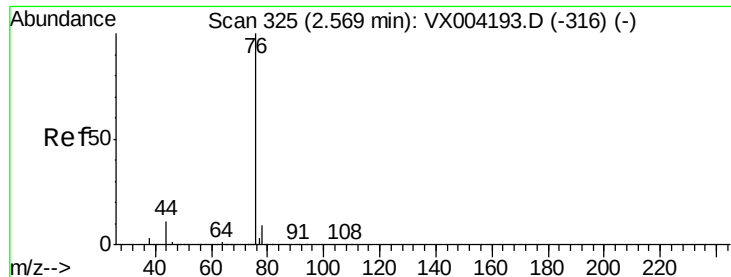
43 100

58 33.0 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: 17.66 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

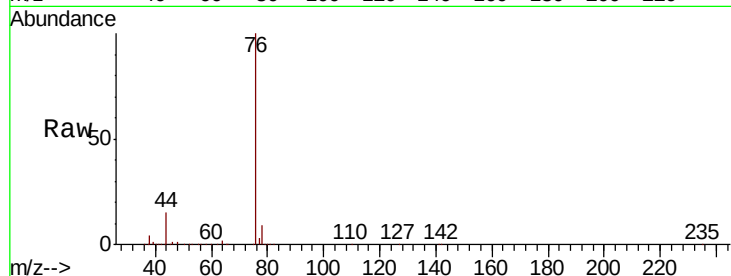
VX0904WBS02

Tot Ion: 76 Resp: 157108

Ion Ratio Lower Upper

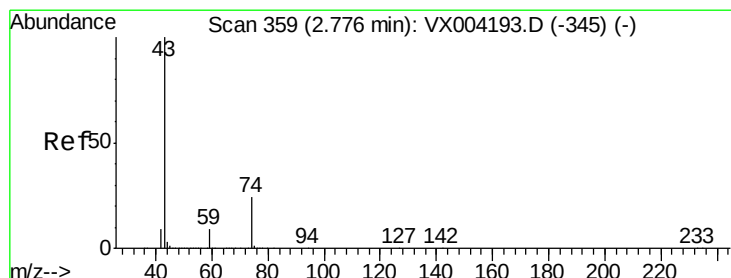
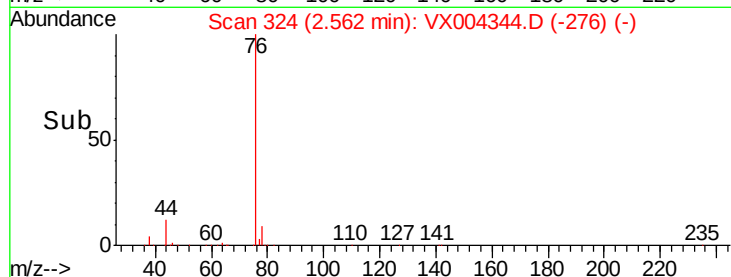
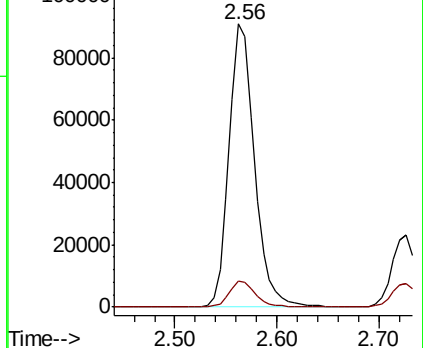
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 27.02 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.00 min

Lab File: VX004344.D

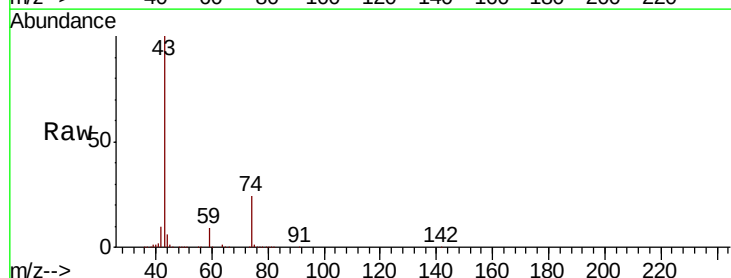
Acq: 04 Sep 2018 13:58

Tgt Ion: 43 Resp: 162897

Ion Ratio Lower Upper

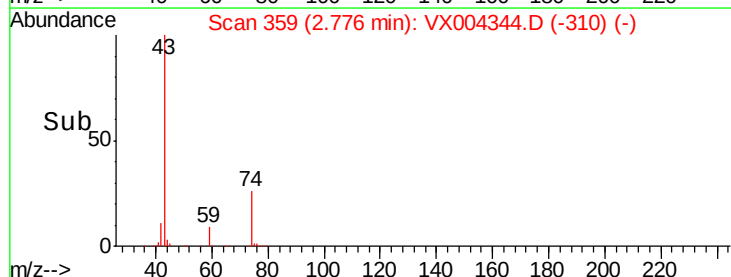
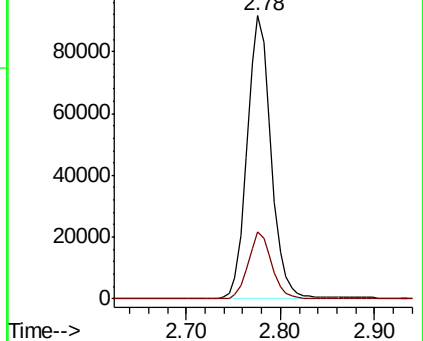
43 100

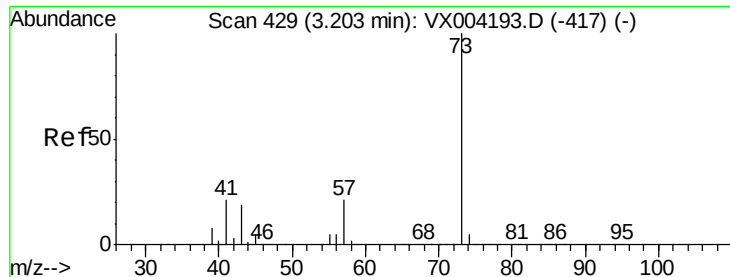
74 22.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

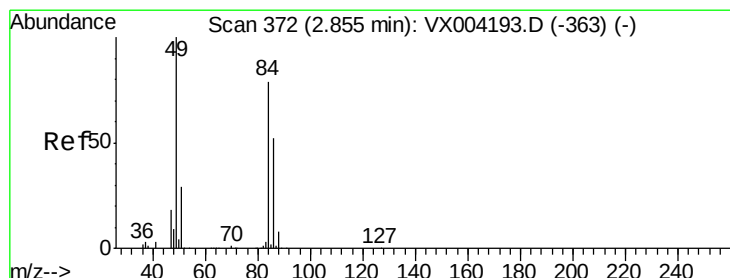
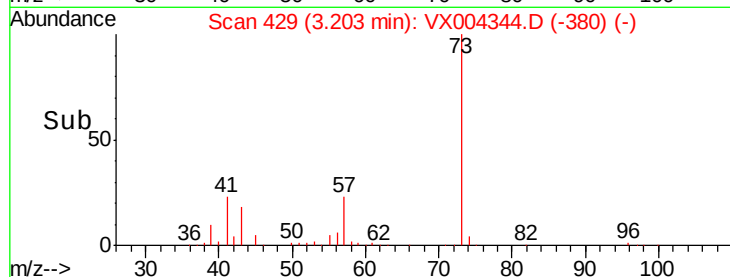
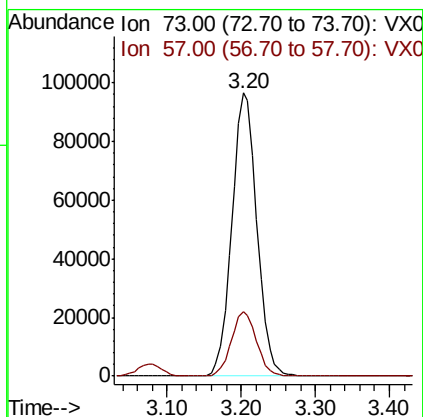
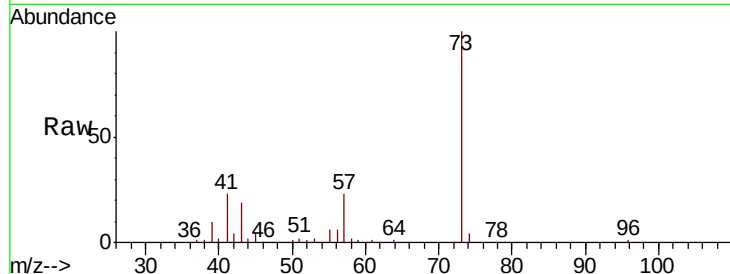




#19
Methyl tert-butyl Ether
Concen: 20.86 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

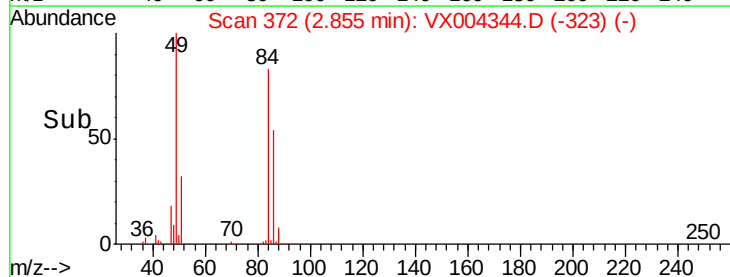
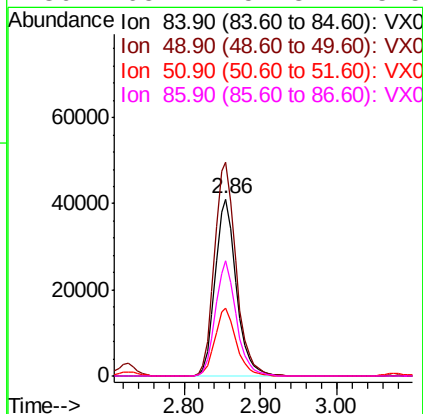
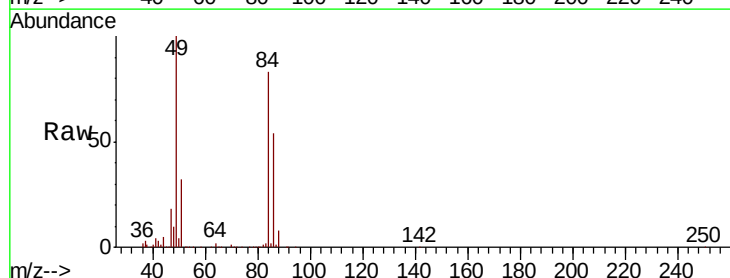
Instrument :
MSVOA_X
ClientSampled :
VX0904WBS02

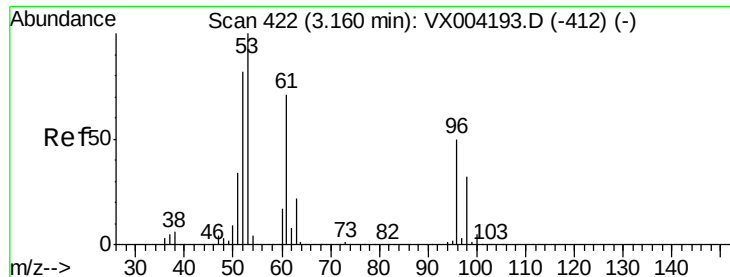
Tot Ion: 73 Resp: 226970
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7



#20
Methylene Chloride
Concen: 20.08 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion: 84 Resp: 78526
Ion Ratio Lower Upper
84 100
49 120.5 101.2 151.8
51 37.8 29.5 44.3
86 65.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.94 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

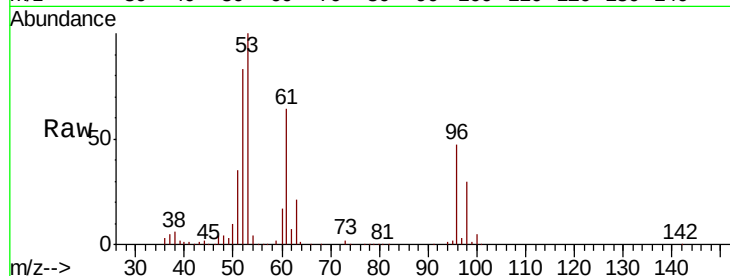
Tot Ion: 96 Resp: 69229

Ion Ratio Lower Upper

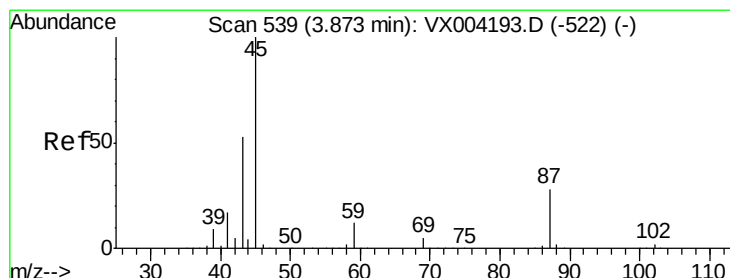
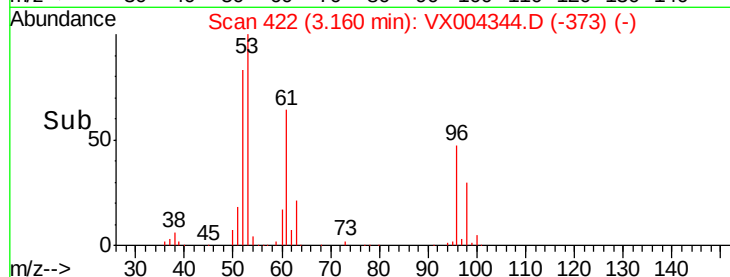
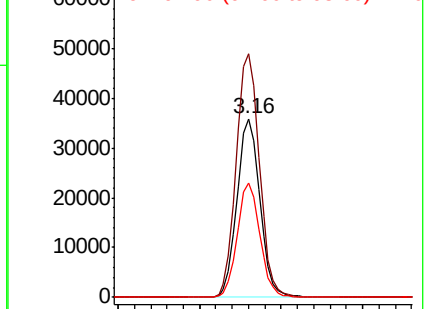
96 100

61 136.0 113.8 170.6

98 64.1 51.8 77.8



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



#22

Diisopropyl ether

Concen: 20.61 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Tgt Ion: 45 Resp: 233454

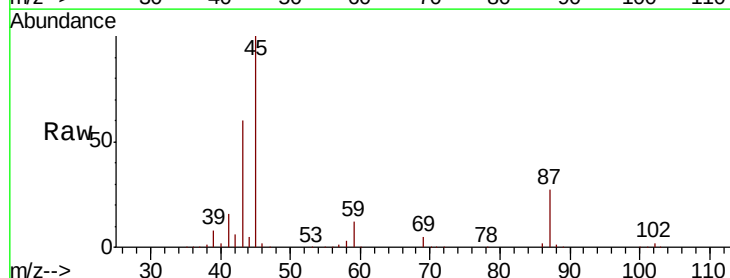
Ion Ratio Lower Upper

45 100

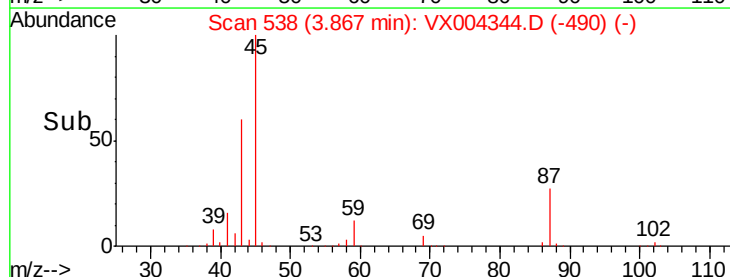
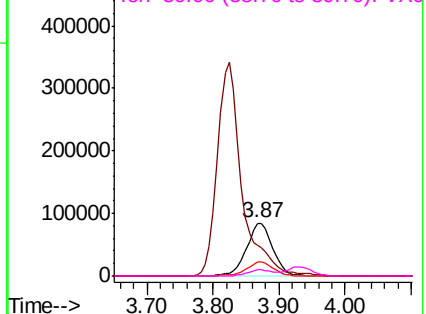
43 59.5 42.8 64.2

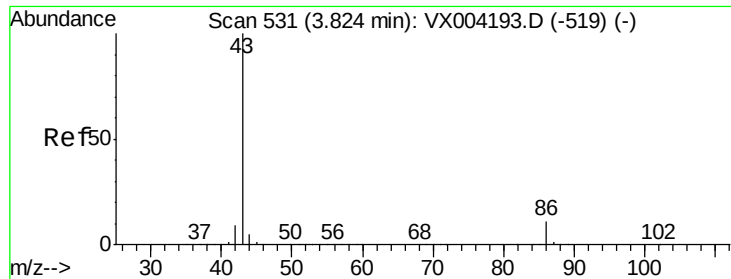
87 26.6 22.6 34.0

59 12.0 9.6 14.4



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

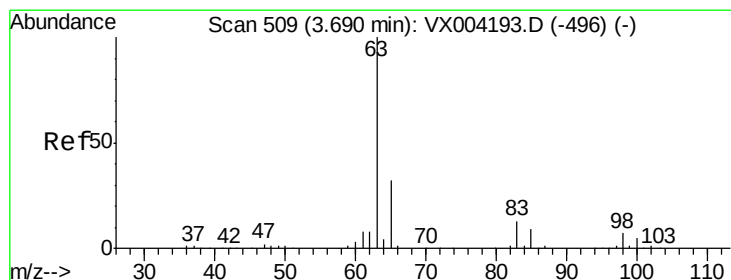
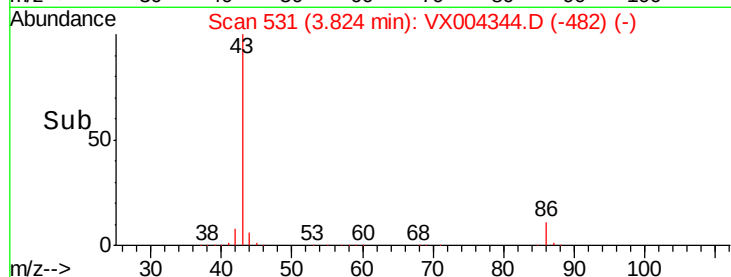
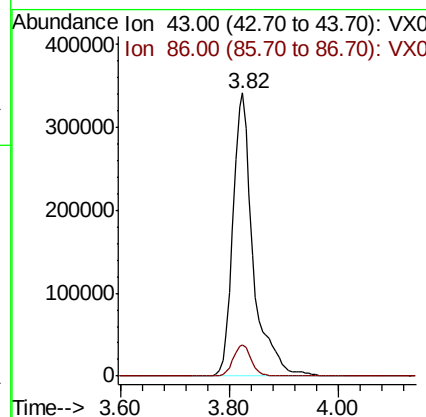
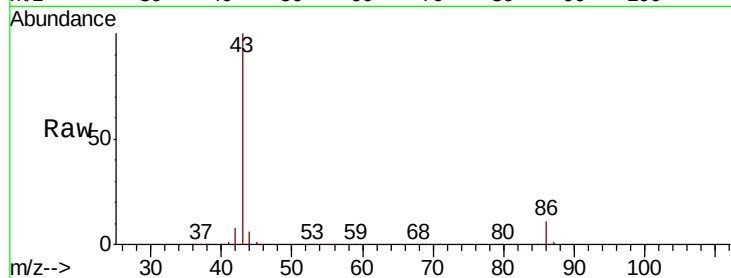




#23
 Vinyl Acetate
 Concen: 96.16 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

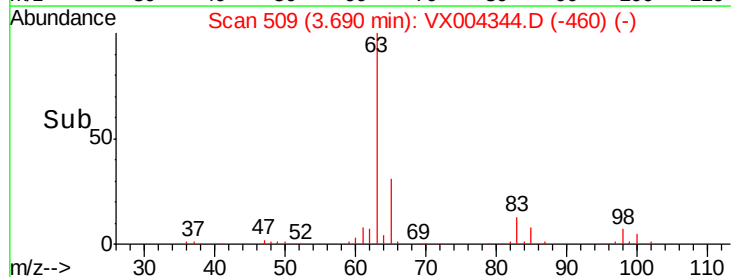
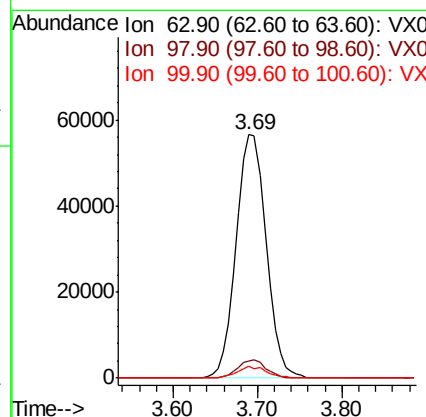
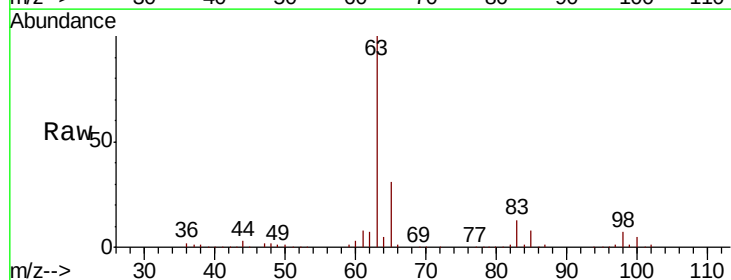
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

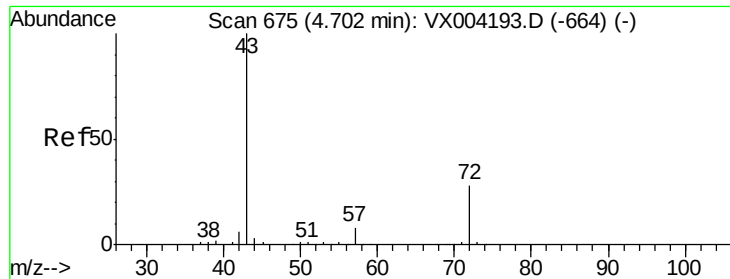
Tot Ion: 43 Resp: 882782
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 20.70 ug/l
 RT: 3.69 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion: 63 Resp: 136649
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 107.55 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

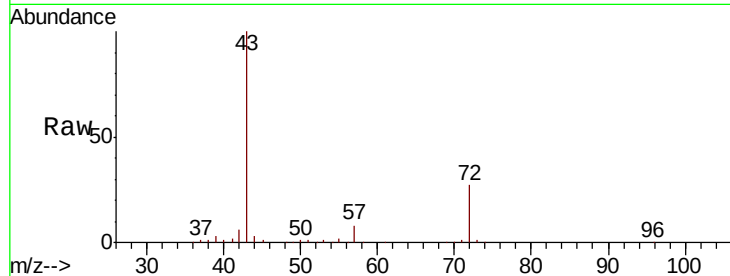
VX0904WBS02

Tot Ion: 43 Resp: 297175

Ion Ratio Lower Upper

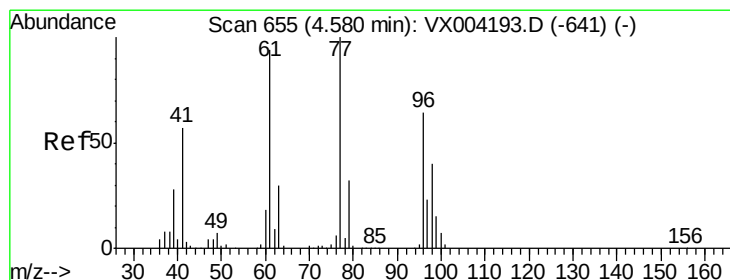
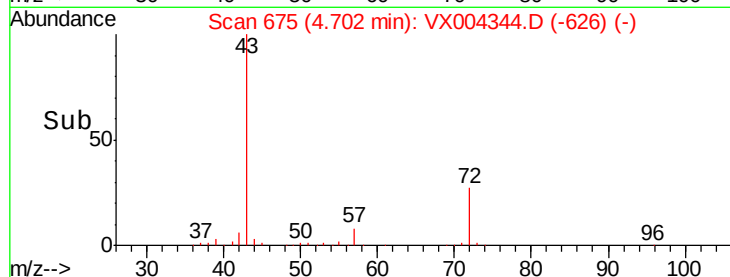
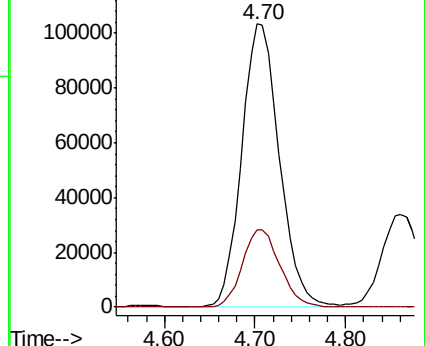
43 100

72 27.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.27 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004344.D

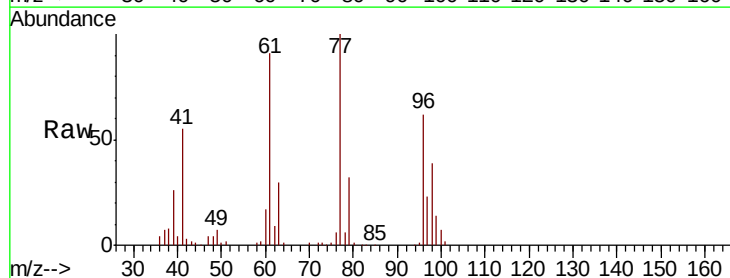
Acq: 04 Sep 2018 13:58

Tgt Ion: 77 Resp: 104953

Ion Ratio Lower Upper

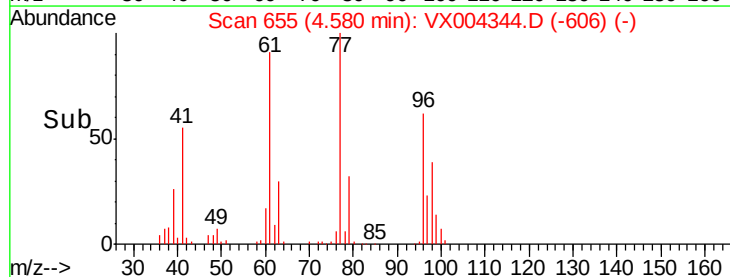
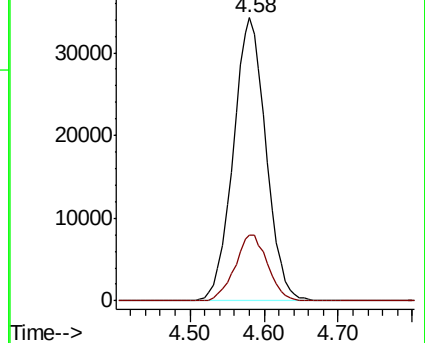
77 100

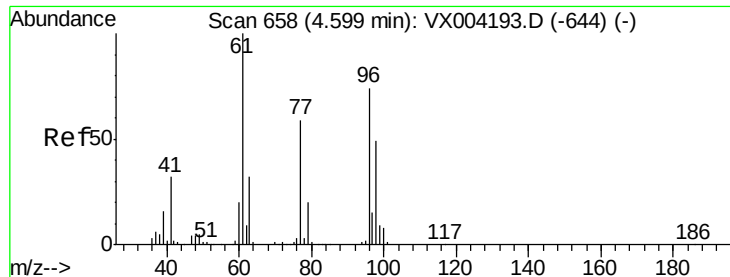
97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



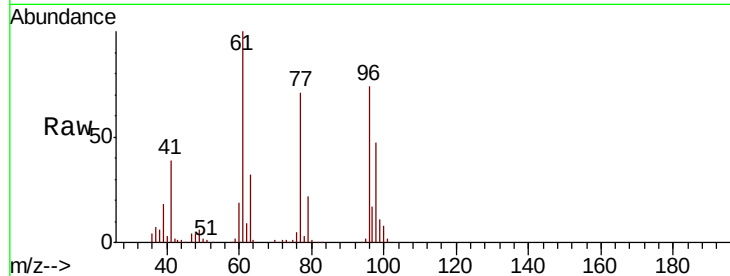


#27

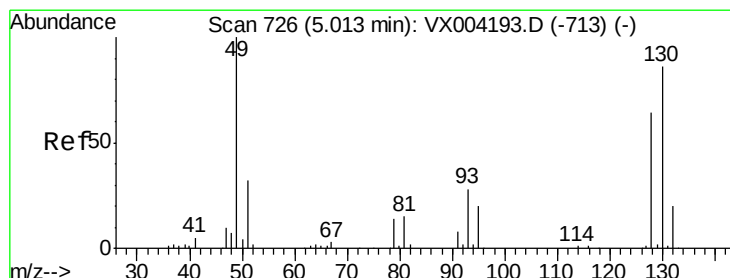
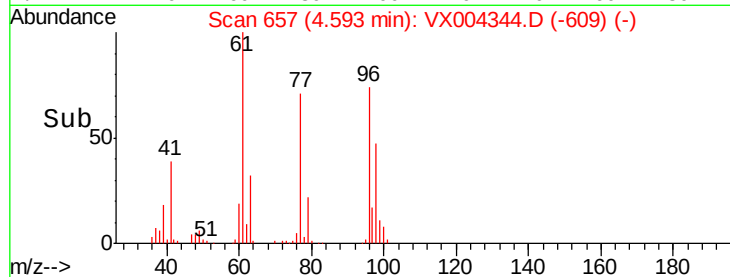
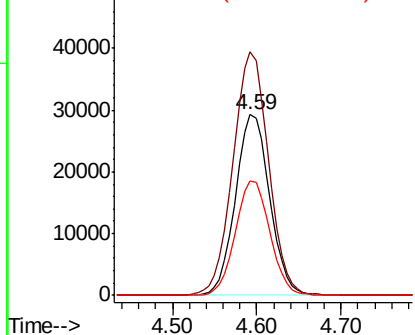
cis-1,2-Dichloroethene
 Concen: 19.38 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

Tot Ion: 96 Resp: 80348
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 282.6
 98 63.6 0.0 130.2



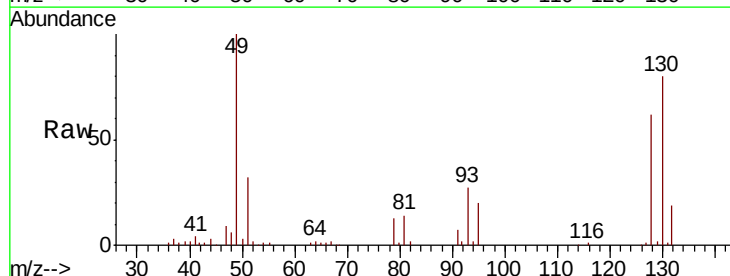
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



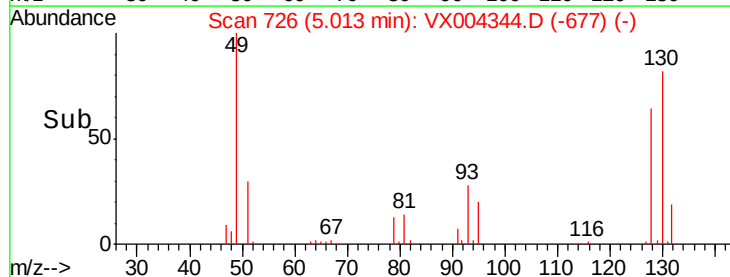
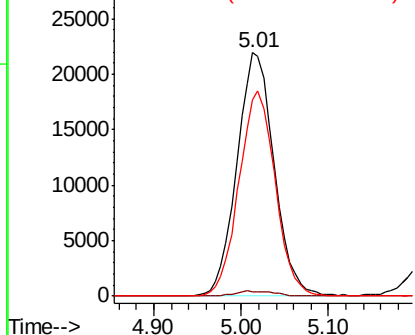
#28

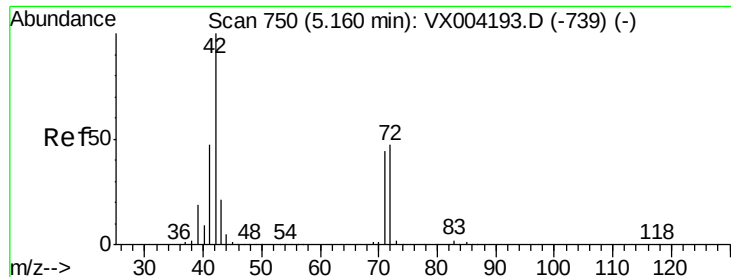
Bromochloromethane
 Concen: 22.19 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion: 49 Resp: 64856
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 82.4 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: 105.01 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

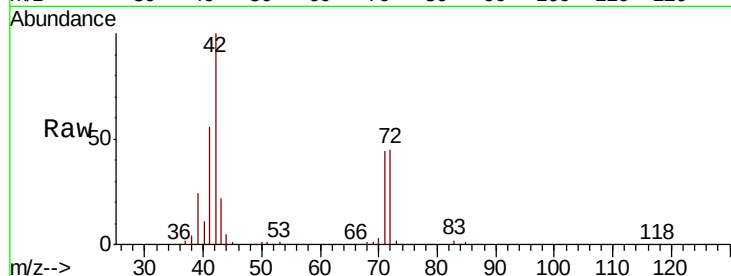
Tot Ion: 42 Resp: 183288

Ion Ratio Lower Upper

42 100

72 46.3 37.4 56.0

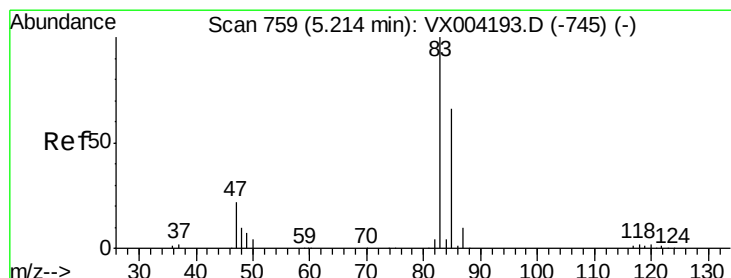
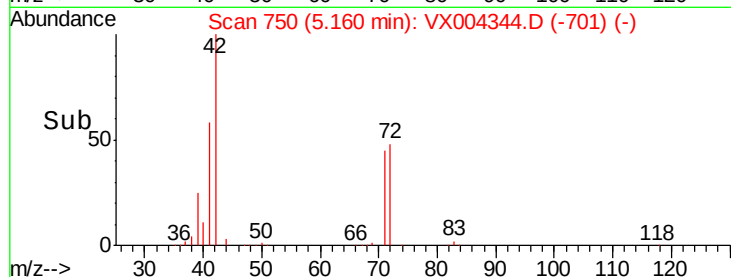
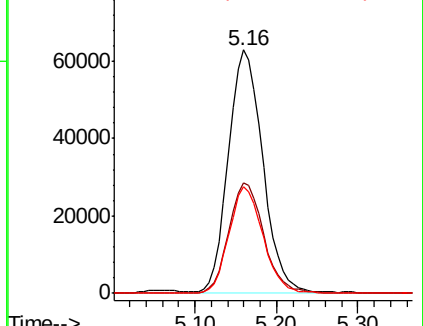
71 43.6 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.10 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004344.D

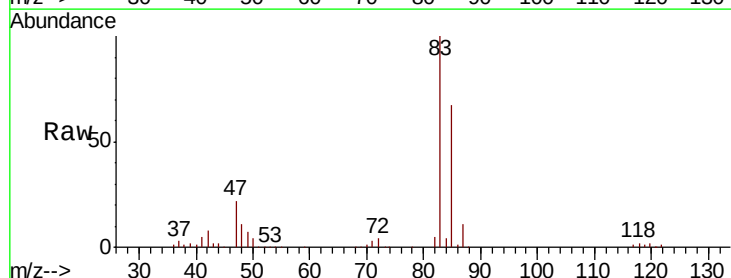
Acq: 04 Sep 2018 13:58

Tgt Ion: 83 Resp: 133022

Ion Ratio Lower Upper

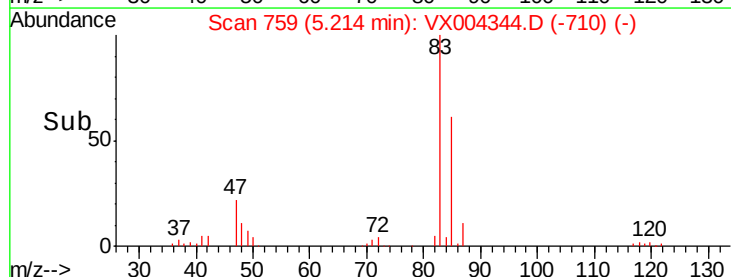
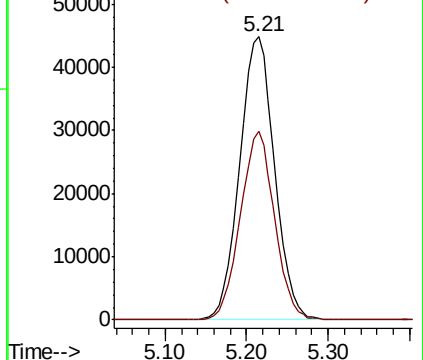
83 100

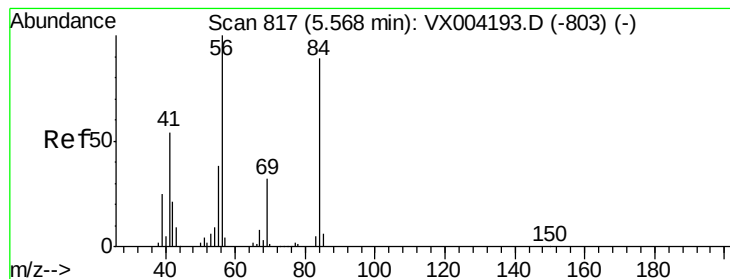
85 66.7 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.67 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

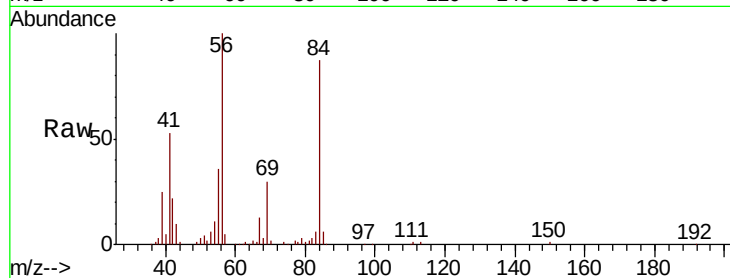
Tot Ion: 56 Resp: 106311

Ion Ratio Lower Upper

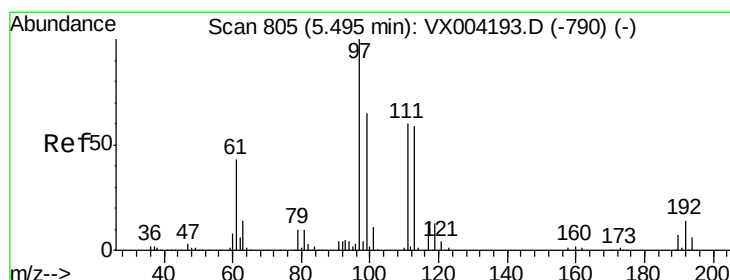
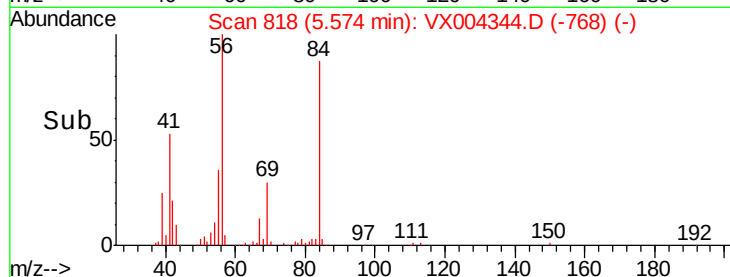
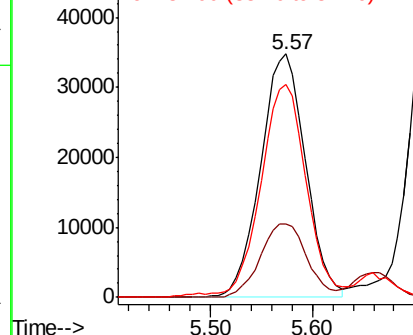
56 100

69 30.1 25.4 38.2

84 85.7 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: 19.88 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

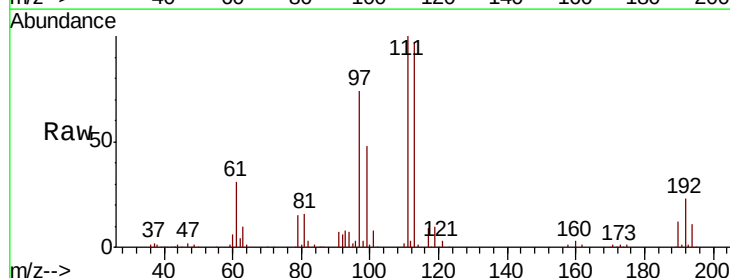
Tgt Ion: 97 Resp: 109704

Ion Ratio Lower Upper

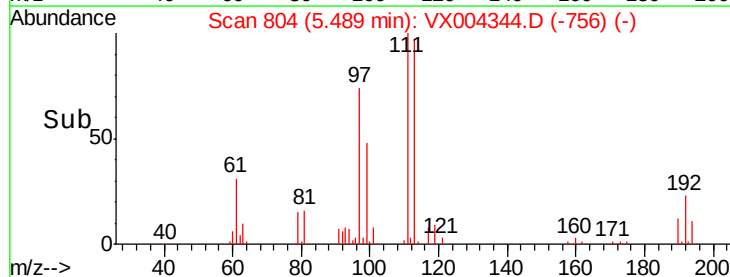
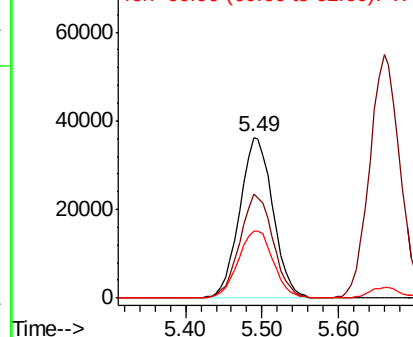
97 100

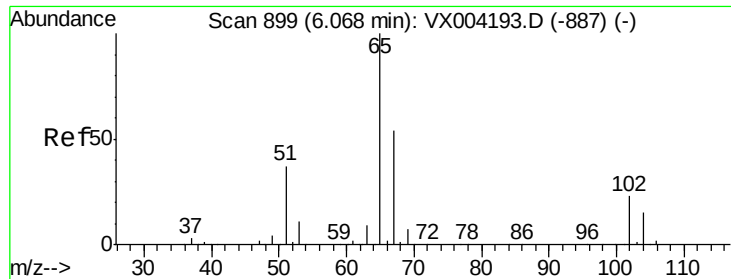
99 64.6 52.0 78.0

61 44.0 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

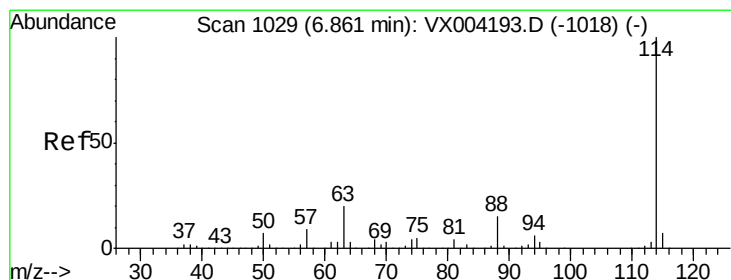
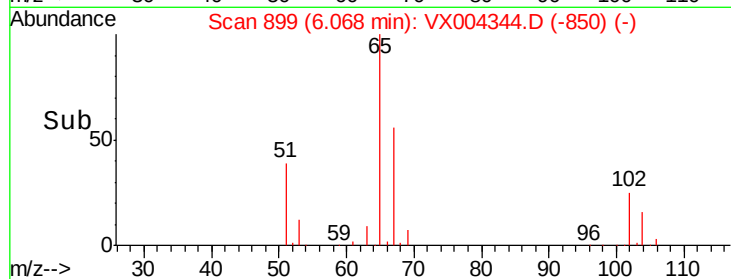
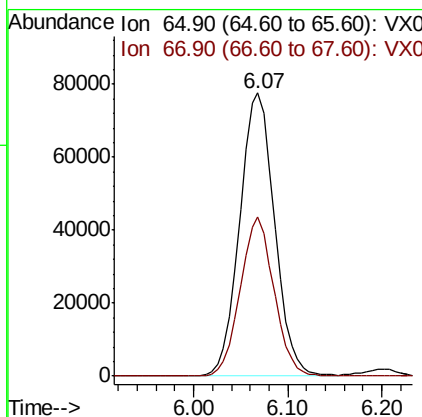
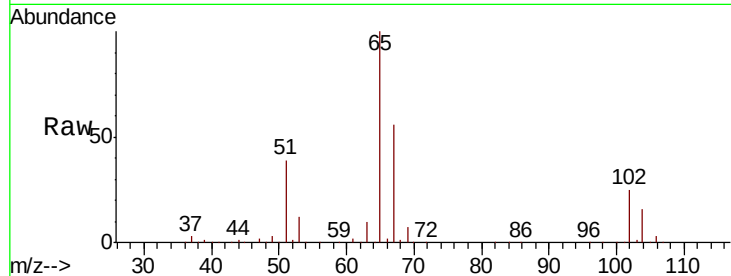




#33
 1,2-Dichloroethane-d4
 Concen: 49.27 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

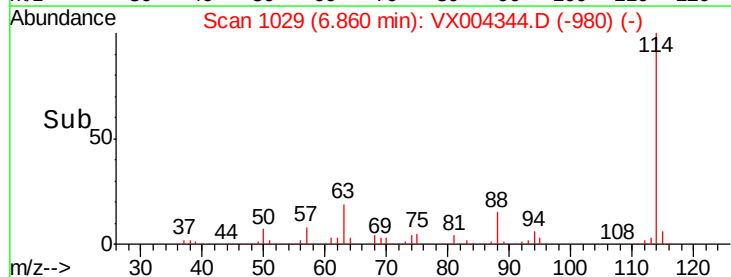
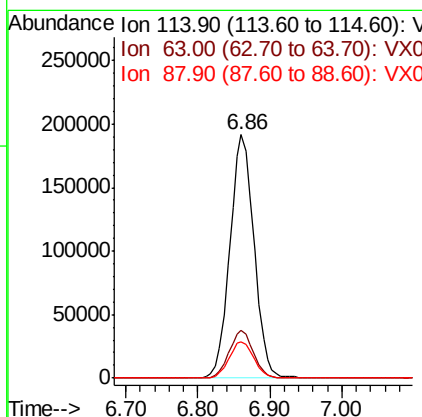
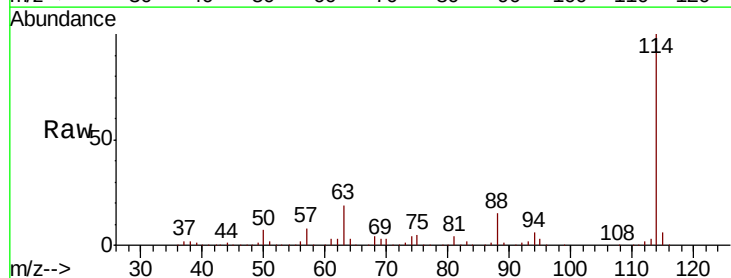
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

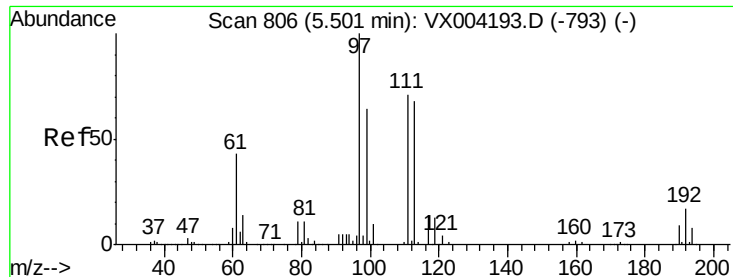
Tot Ion: 65 Resp: 200152
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion: 114 Resp: 447059
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.1 0.0 30.4

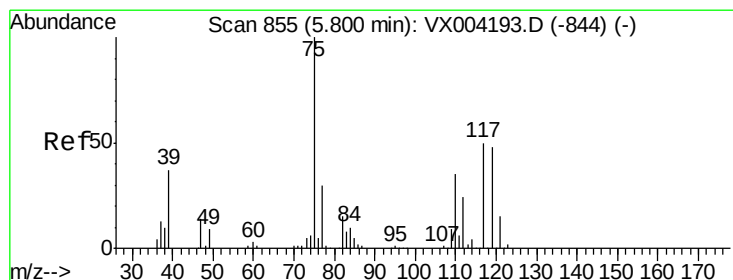
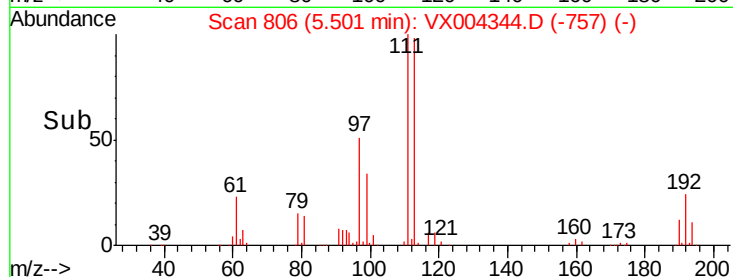
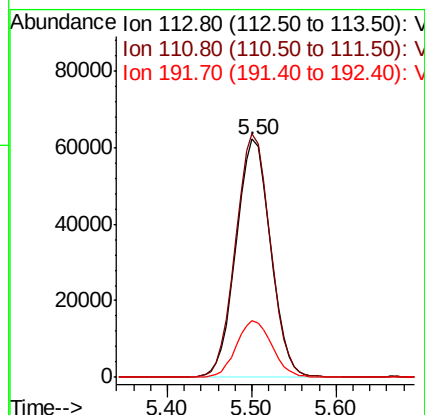
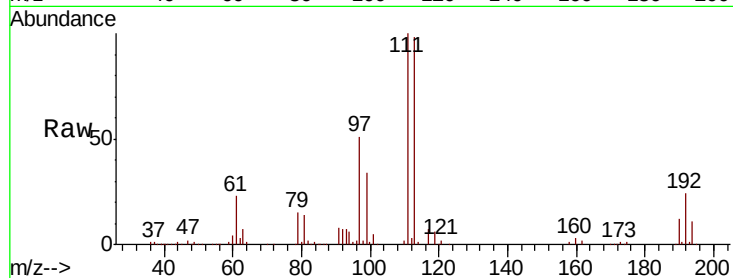




#35
 Dibromofluoromethane
 Concen: 51.96 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

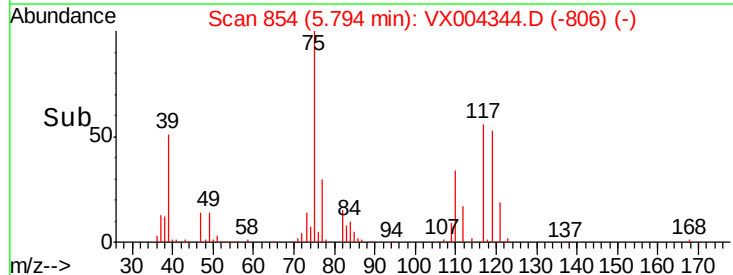
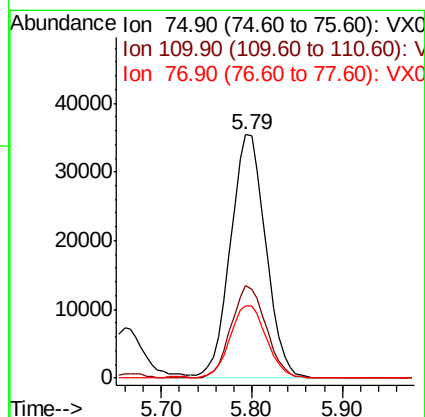
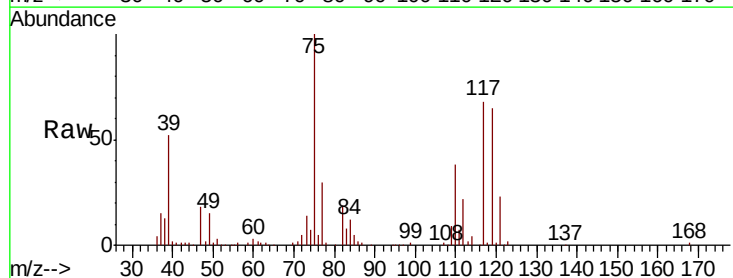
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

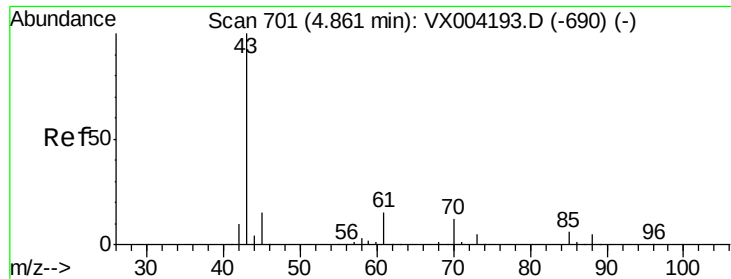
Tot Ion:113 Resp: 172802
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 24.5 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 18.88 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion: 75 Resp: 94887
 Ion Ratio Lower Upper
 75 100
 110 37.9 18.0 54.0
 77 31.1 24.6 36.8





#37

Ethyl Acetate

Concen: 20.66 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

VX0904WBS02

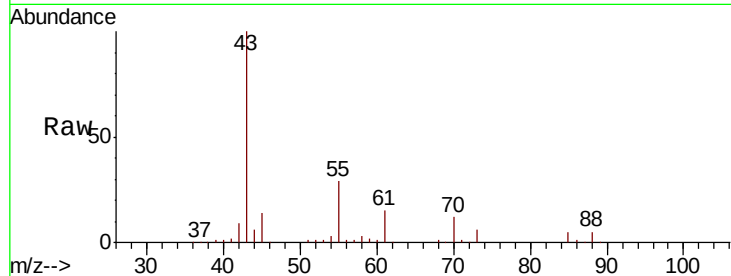
Tot Ion: 43 Resp: 102101

Ion Ratio Lower Upper

43 100

61 15.1 11.5 17.3

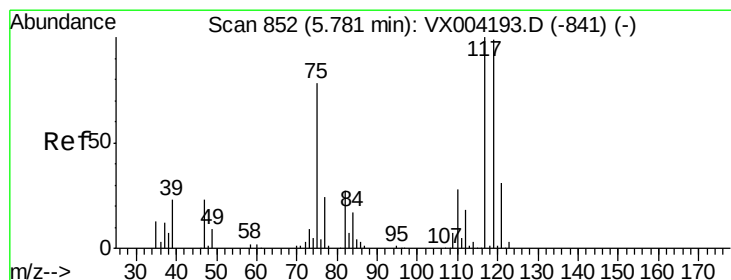
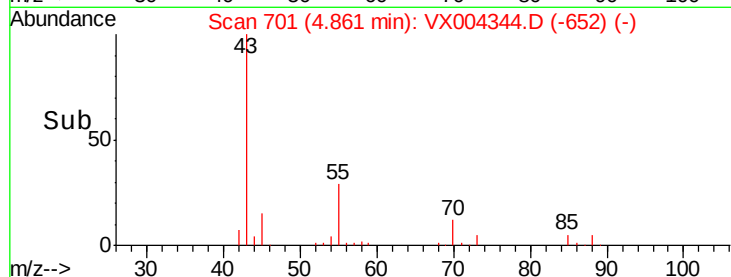
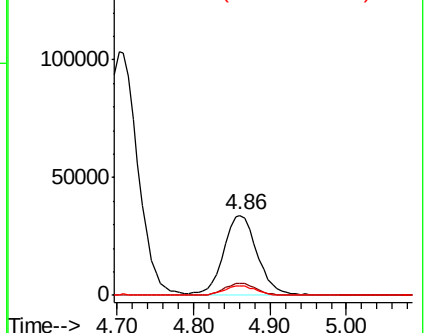
70 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.75 ug/l

RT: 5.78 min Scan# 851

Delta R.T. -0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

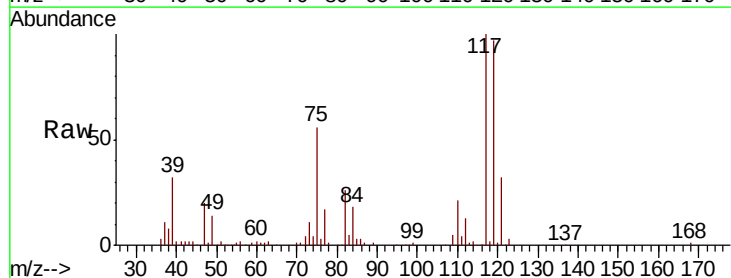
Tgt Ion: 117 Resp: 93359

Ion Ratio Lower Upper

117 100

119 96.8 78.8 118.2

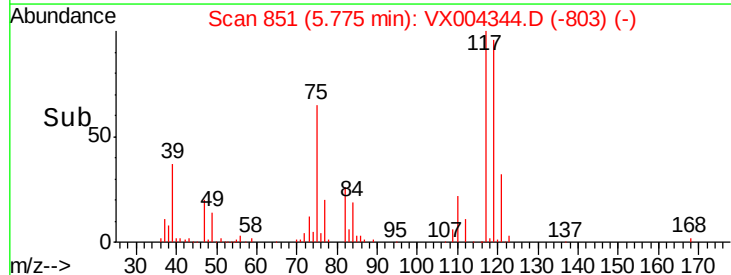
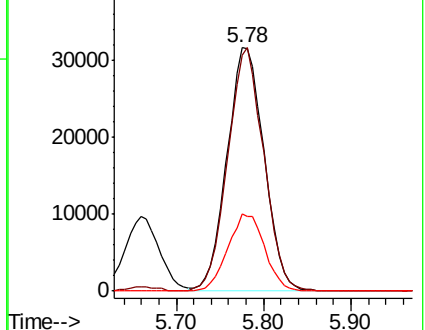
121 31.6 24.9 37.3

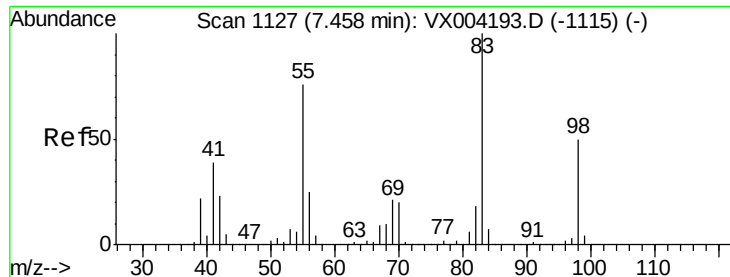


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

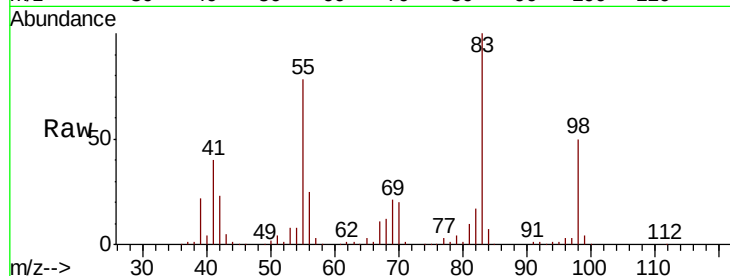




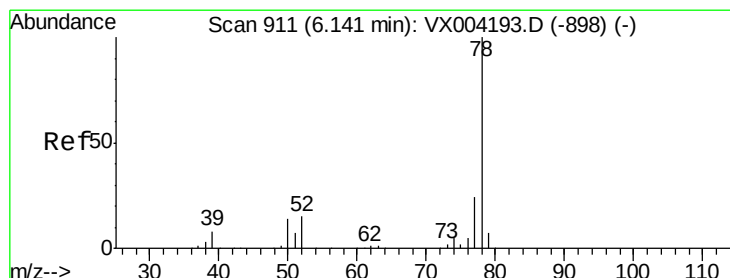
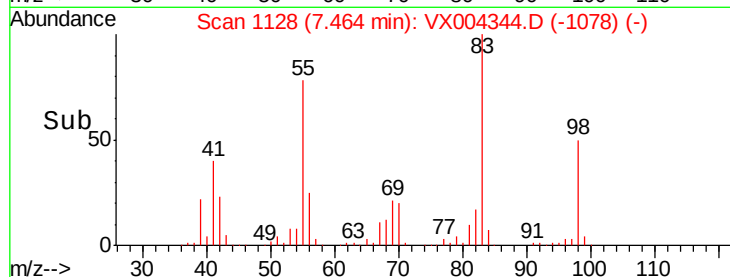
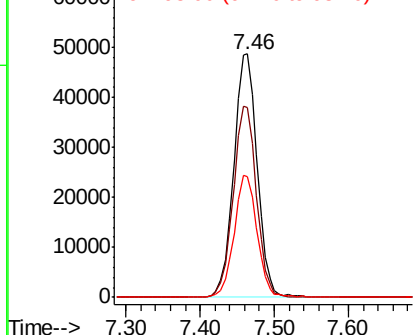
#39
Methylvlcyclohexane
Concen: 18.76 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion: 83 Resp: 107625
Ion Ratio Lower Upper
83 100
55 78.0 61.0 91.4
98 49.8 39.6 59.4

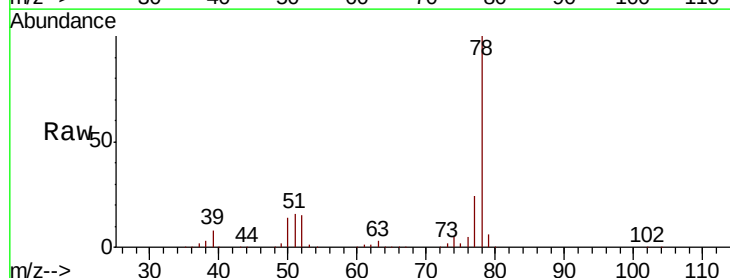


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

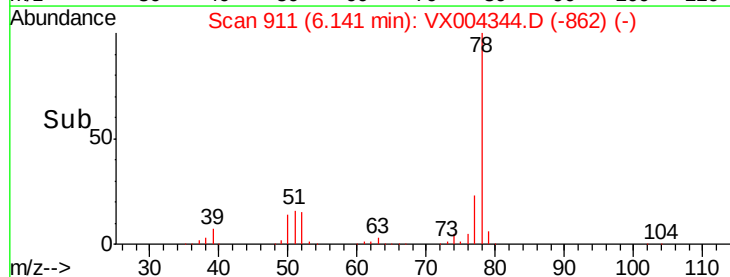
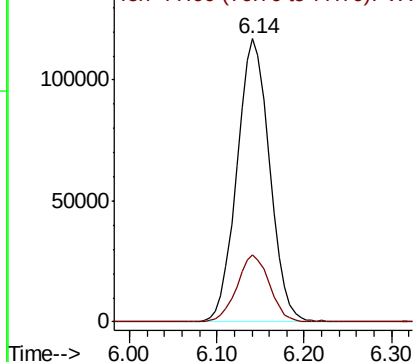


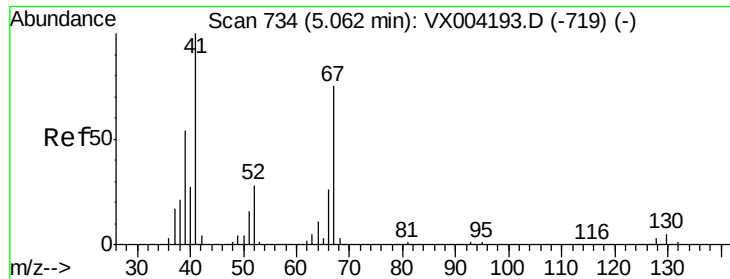
#40
Benzene
Concen: 20.21 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion: 78 Resp: 303572
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



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

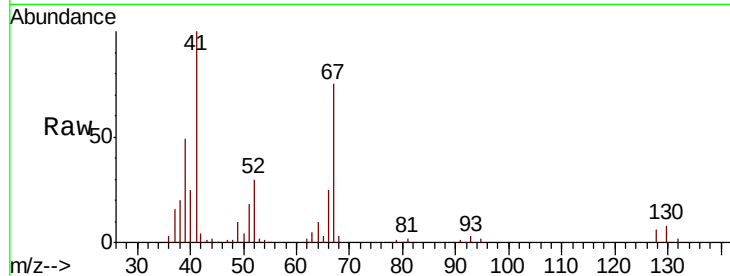




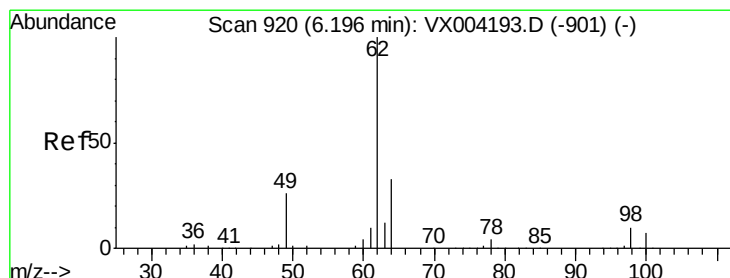
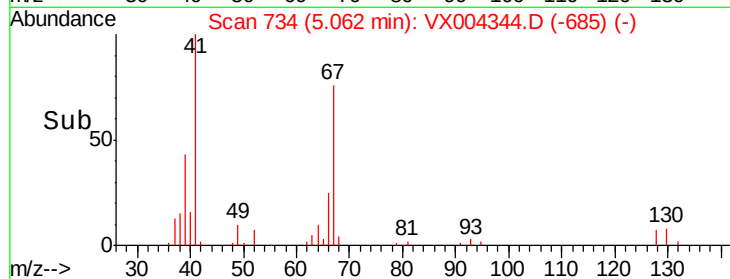
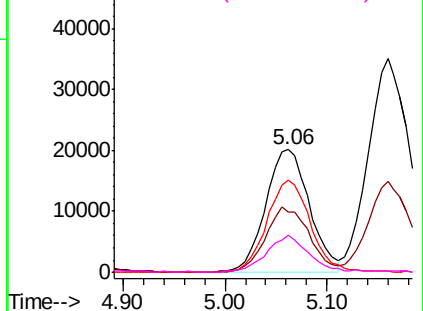
#41
Methacrylonitrile
Concen: 21.12 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampled :
VX0904WBS02

Tot Ion:	41	Resp:	60502
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.4	63.6
67	74.1	59.2	88.8
52	27.8	23.0	34.4

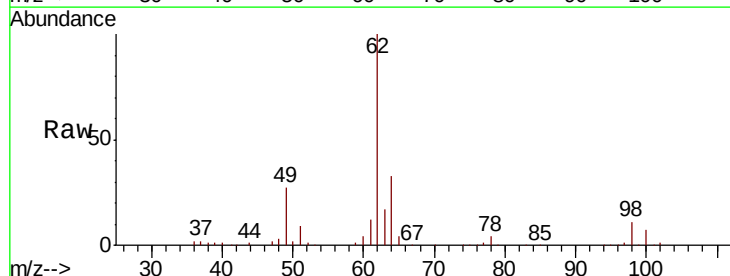


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

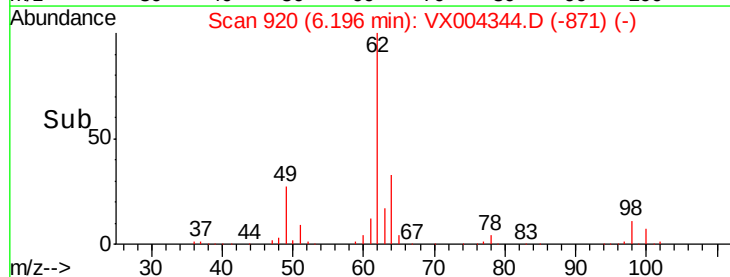
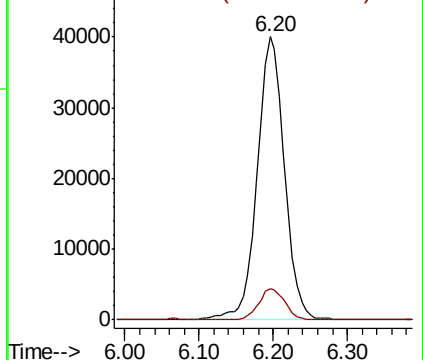


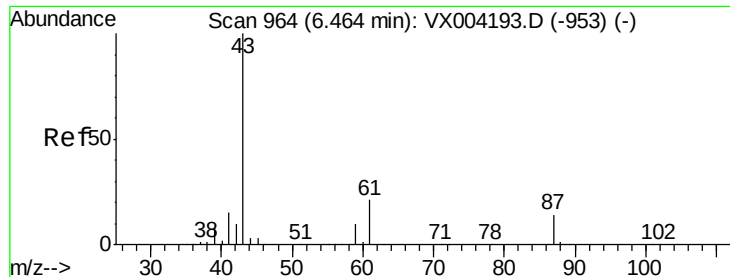
#42
1,2-Dichloroethane
Concen: 20.04 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion:	62	Resp:	102661
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 20.54 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

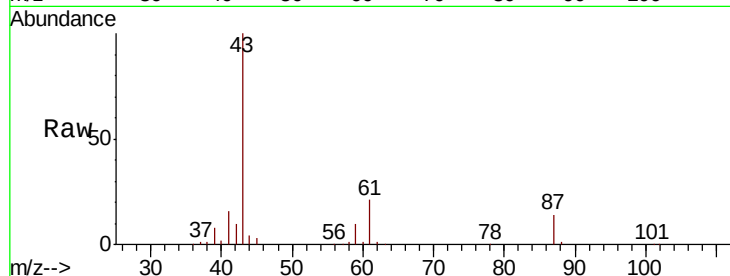
Tot Ion: 43 Resp: 155978

Ion Ratio Lower Upper

43 100

61 21.4 17.0 25.4

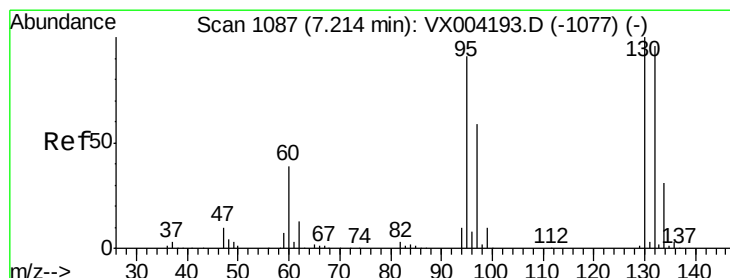
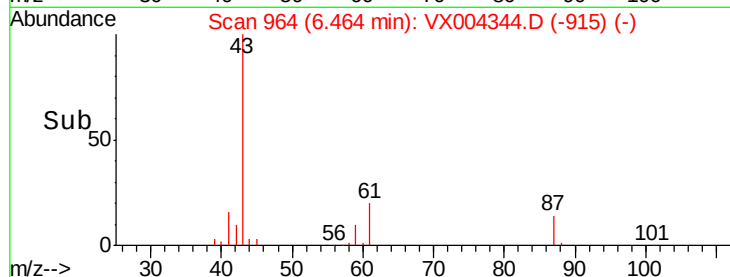
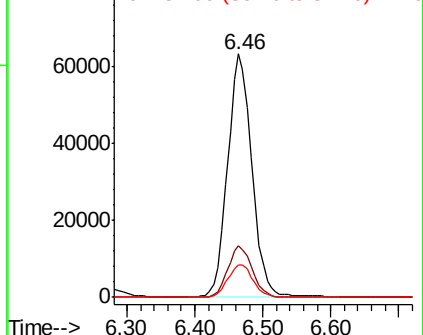
87 13.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.60 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004344.D

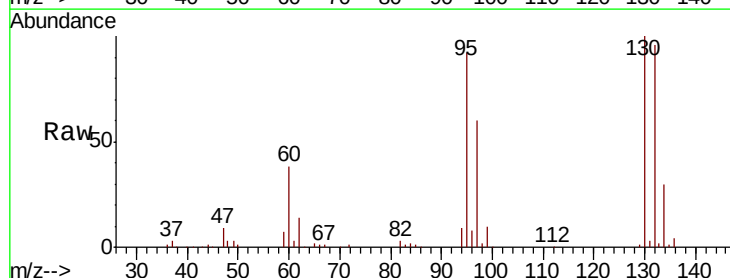
Acq: 04 Sep 2018 13:58

Tgt Ion:130 Resp: 81486

Ion Ratio Lower Upper

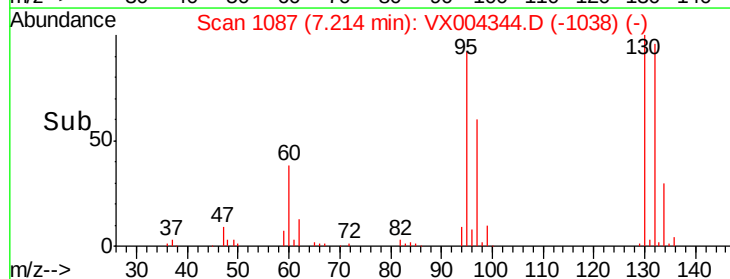
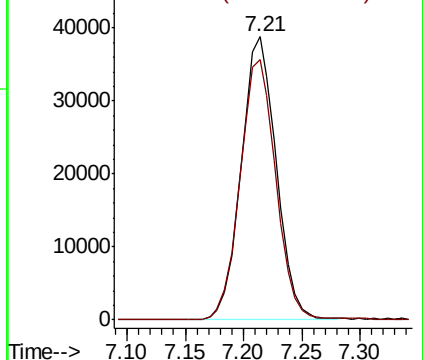
130 100

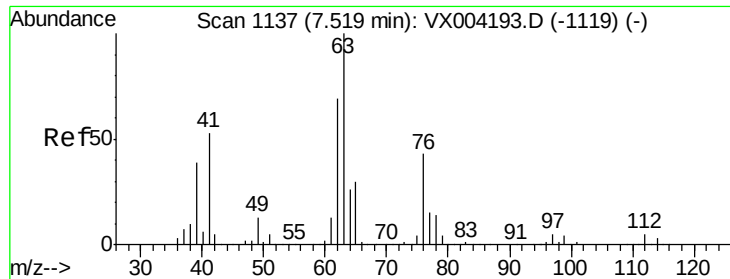
95 91.8 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

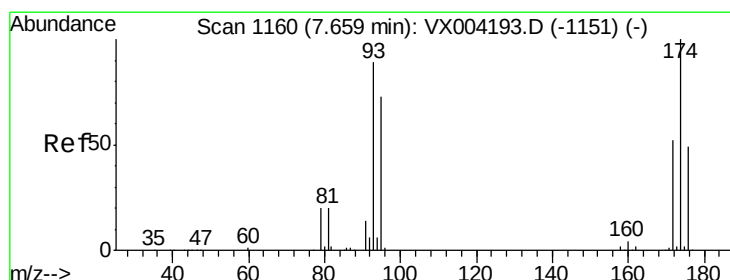
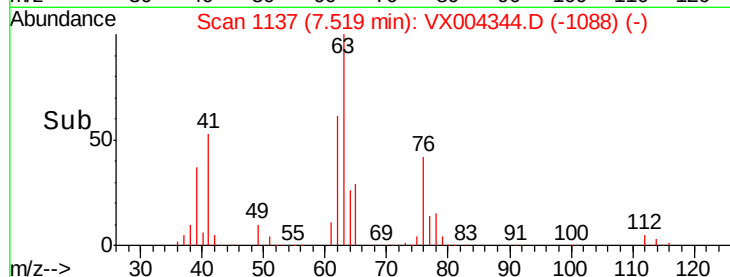
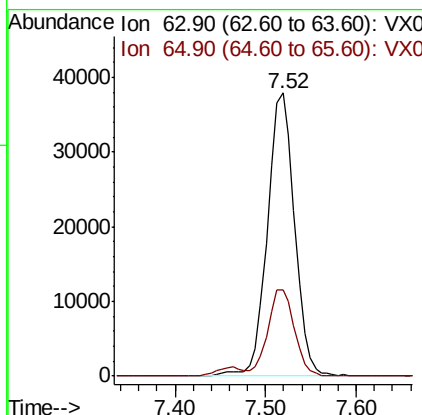
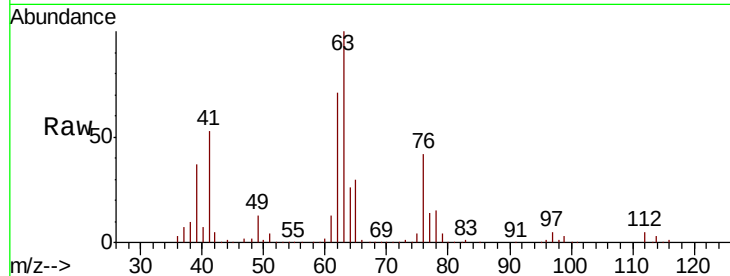




#45
 1,2-Dichloropropane
 Concen: 20.93 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

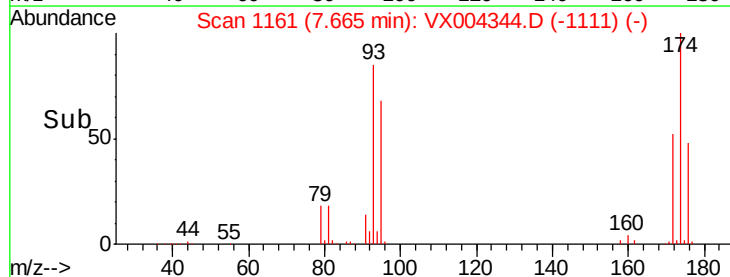
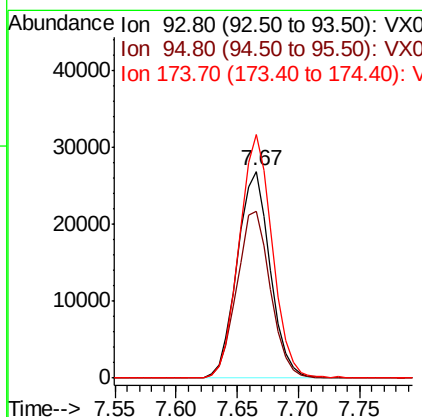
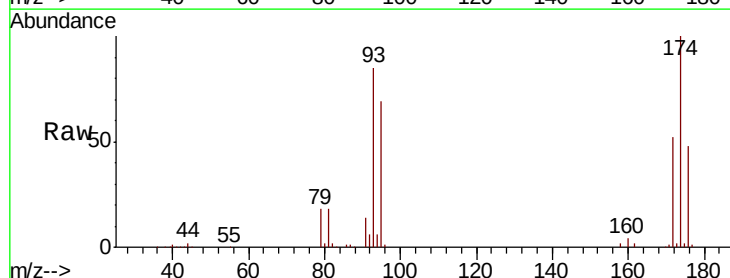
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

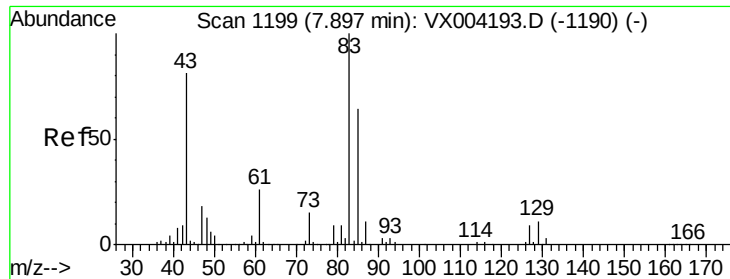
Tot Ion: 63 Resp: 78669
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5



#46
 Dibromomethane
 Concen: 20.07 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion: 93 Resp: 50240
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.5 98.3
 174 118.6 94.2 141.4





#47

Bromodichloromethane

Concen: 20.56 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

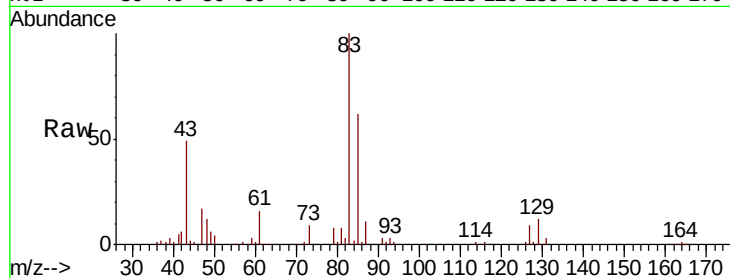
Tot Ion: 83 Resp: 95722

Ion Ratio Lower Upper

83 100

85 62.5 50.9 76.3

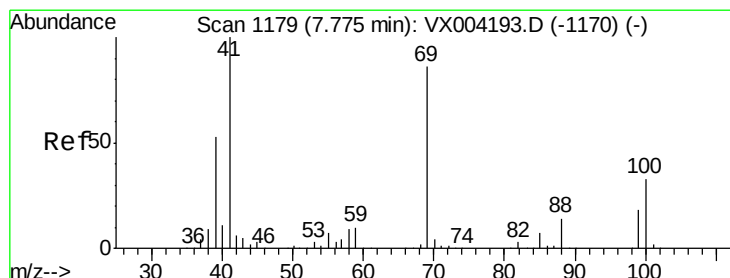
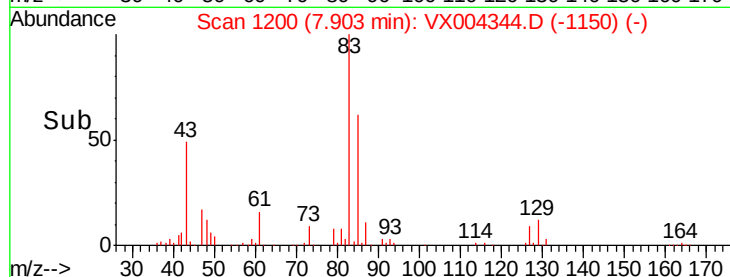
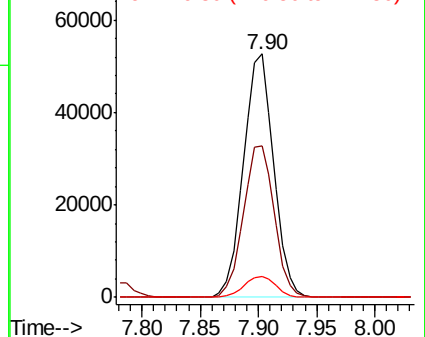
127 8.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.57 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

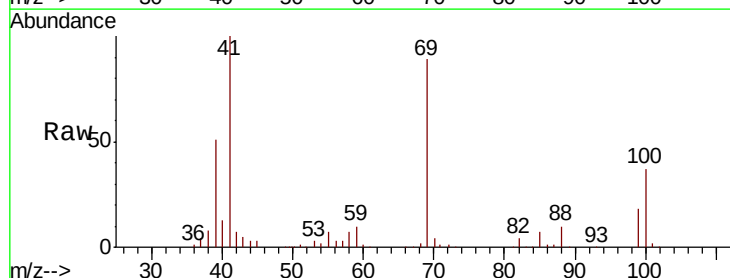
Tgt Ion: 41 Resp: 83611

Ion Ratio Lower Upper

41 100

69 87.6 70.2 105.4

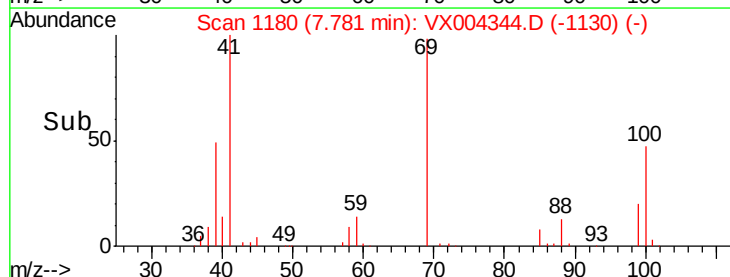
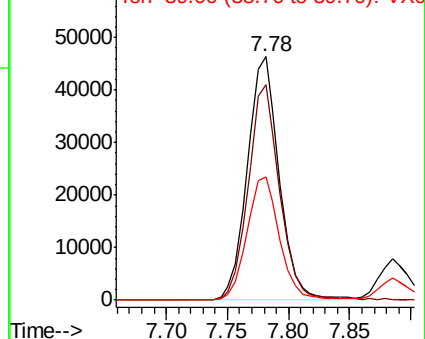
39 52.5 42.7 64.1

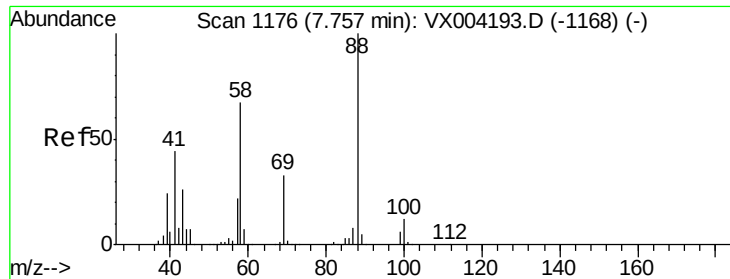


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

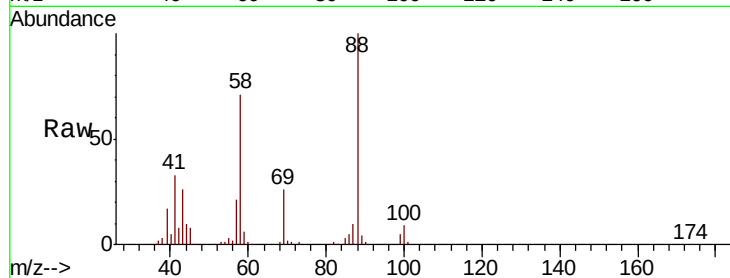




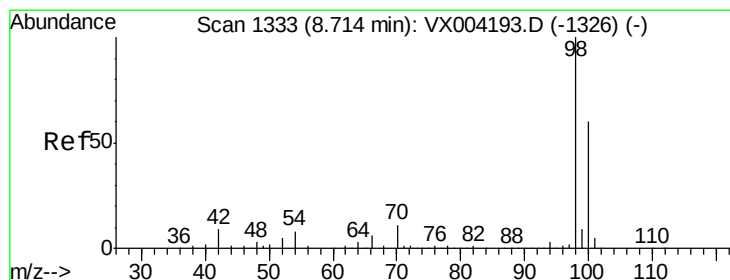
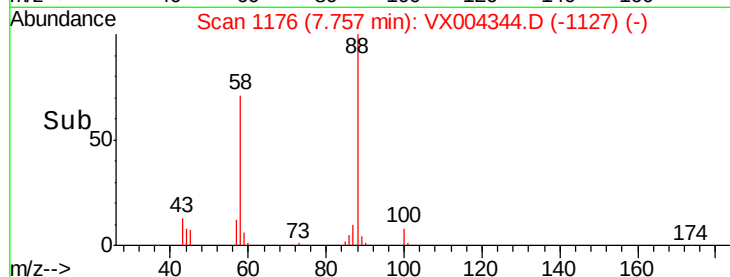
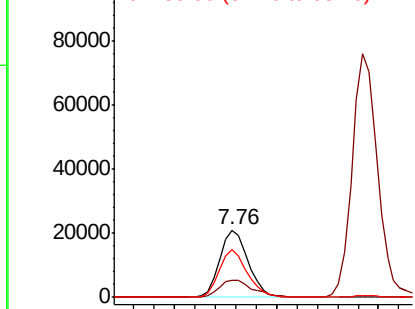
#49
1,4-Dioxane
Concen: 442.84 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion: 88 Resp: 40862
Ion Ratio Lower Upper
88 100
43 30.2 24.7 37.1
58 69.4 55.3 82.9

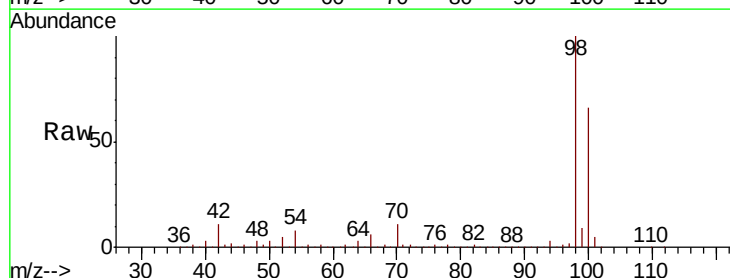


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

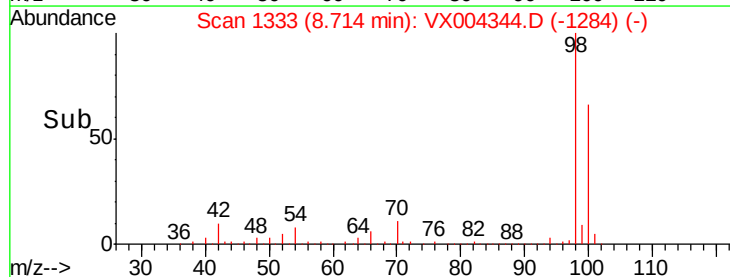
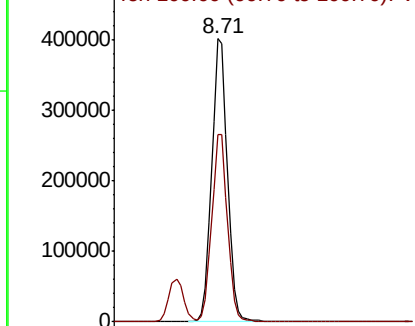


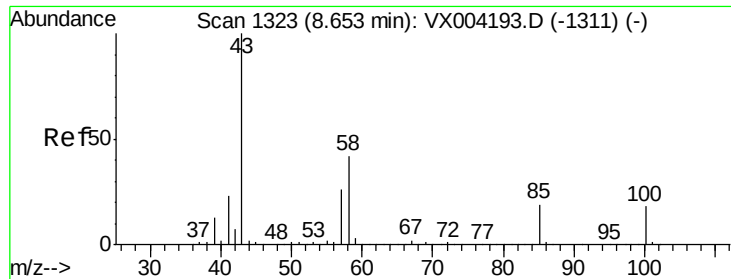
#50
Toluene-d8
Concen: 51.21 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion: 98 Resp: 642917
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: 102.63 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

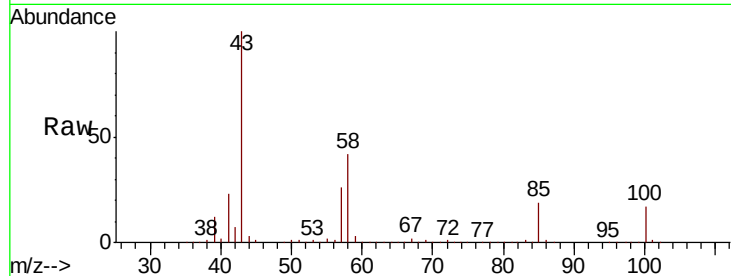
VX0904WBS02

Tot Ion: 43 Resp: 566363

Ion Ratio Lower Upper

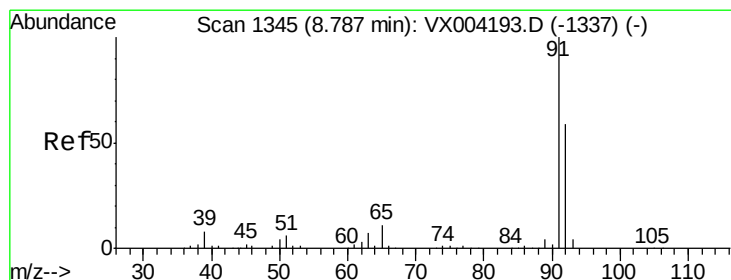
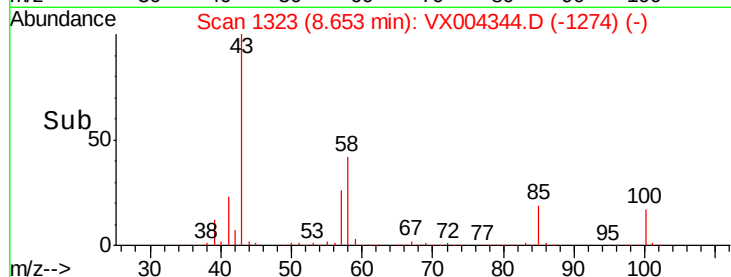
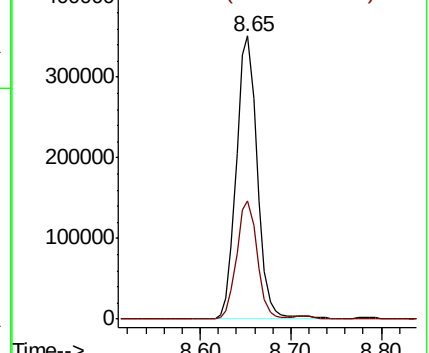
43 100

58 40.9 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.55 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004344.D

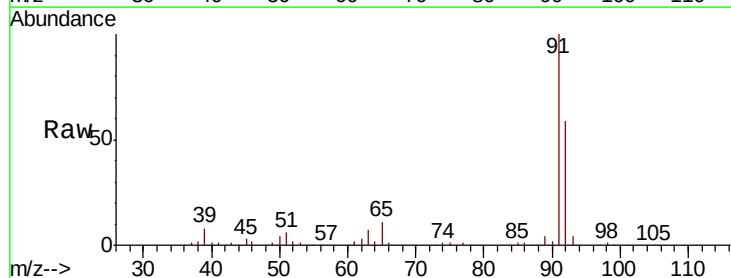
Acq: 04 Sep 2018 13:58

Tgt Ion: 92 Resp: 193156

Ion Ratio Lower Upper

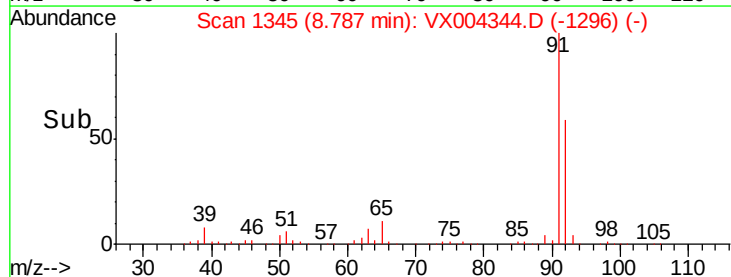
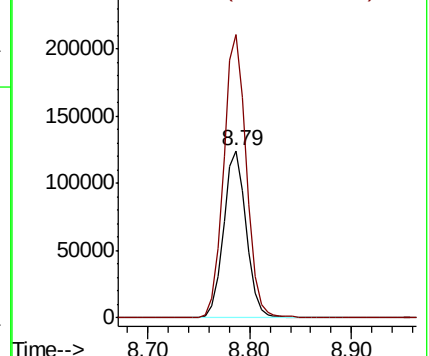
92 100

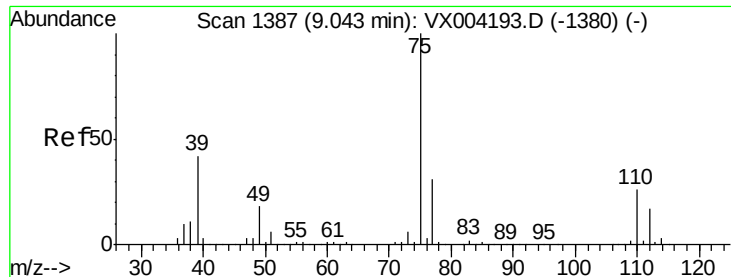
91 169.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.27 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

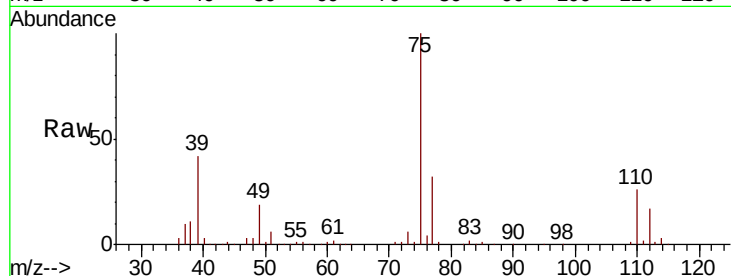
VX0904WBS02

Tot Ion: 75 Resp: 104259

Ion Ratio Lower Upper

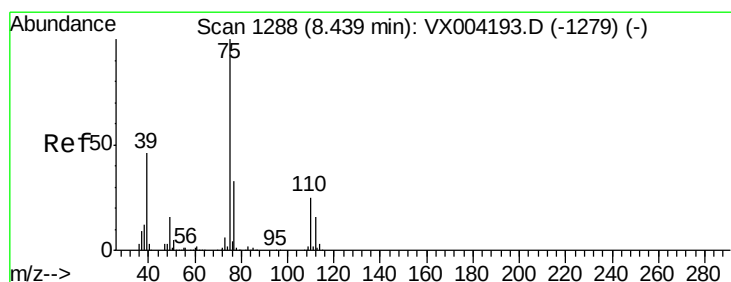
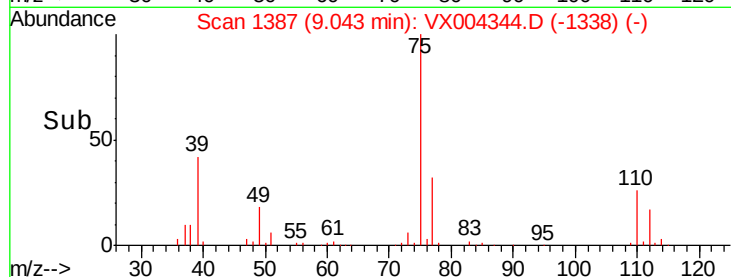
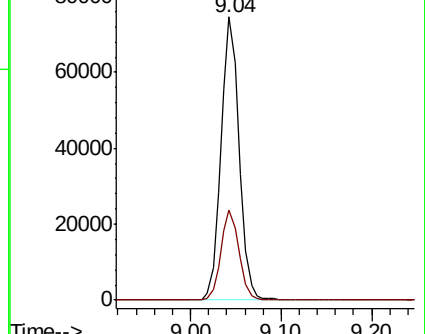
75 100

77 31.9 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.68 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

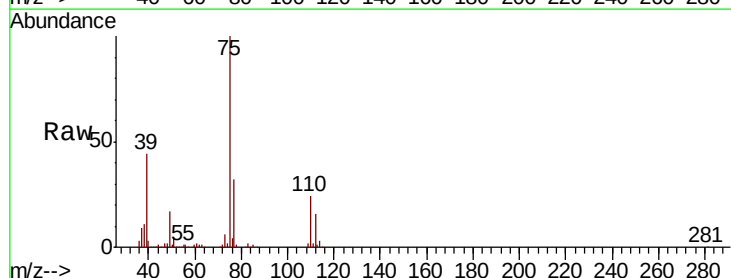
Tgt Ion: 75 Resp: 115850

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

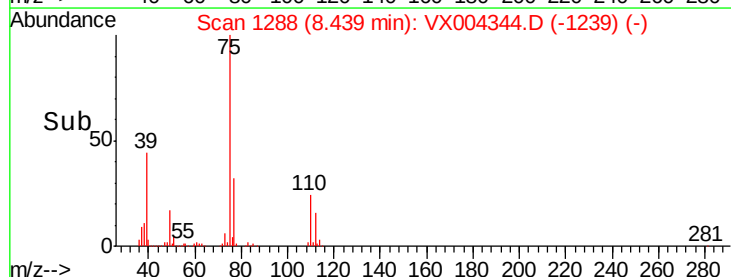
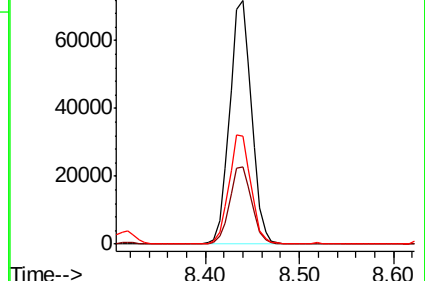
39 44.1 36.4 54.6

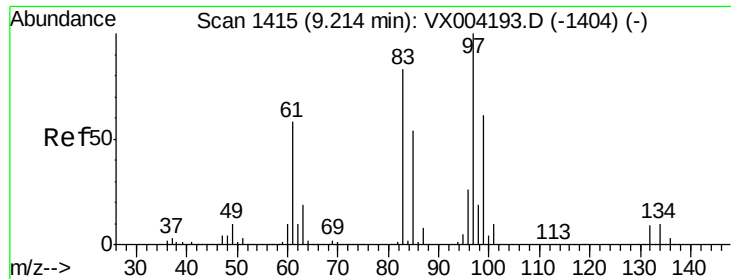


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

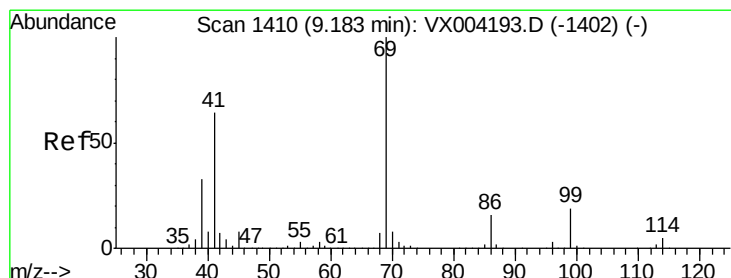
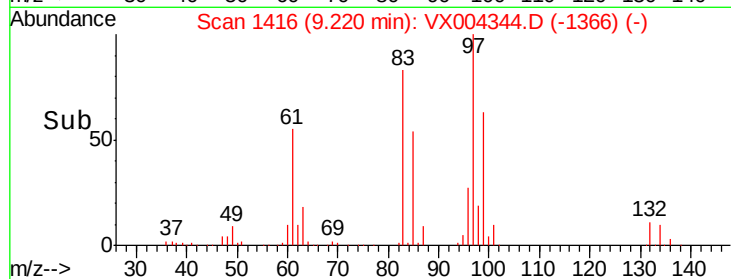
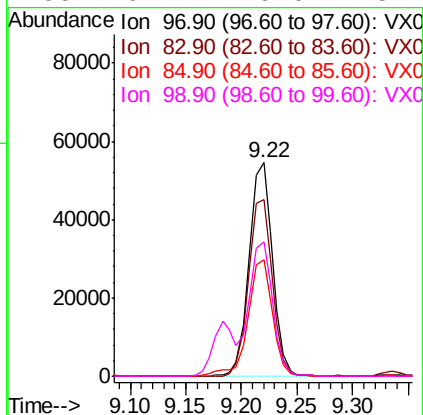
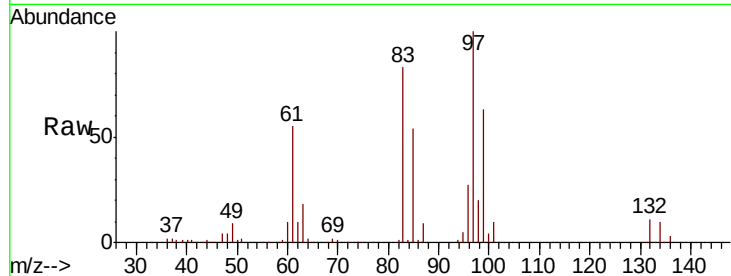




#55
 1,1,2-Trichloroethane
 Concen: 21.13 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

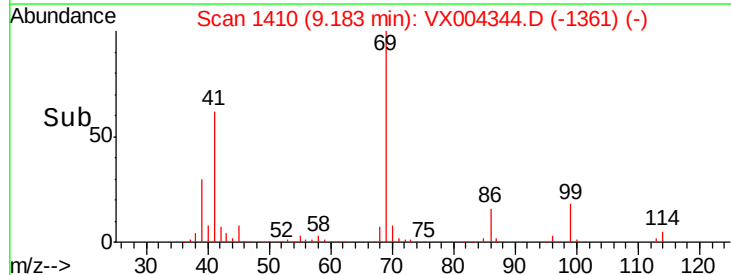
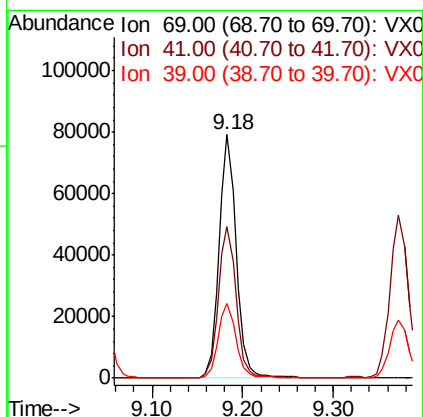
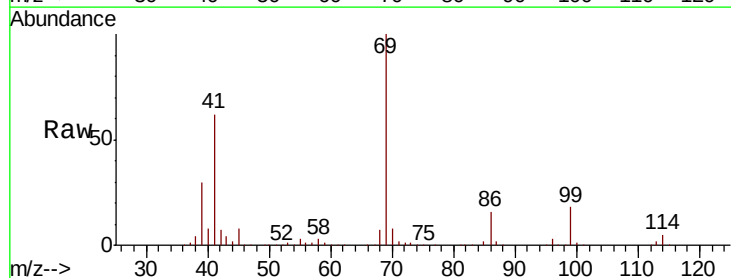
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

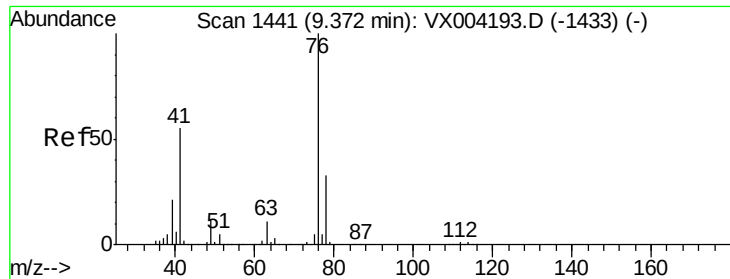
Tot Ion:	97	Resp:	80178
Ion	Ratio	Lower	Upper
97	100		
83	82.6	66.4	99.6
85	54.4	43.3	64.9
99	62.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.43 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion:	69	Resp:	105550
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.0	76.4
39	31.3	26.1	39.1

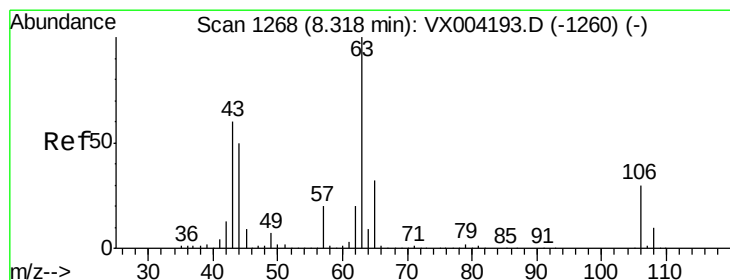
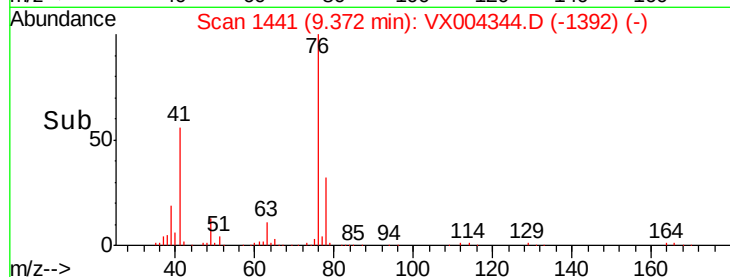
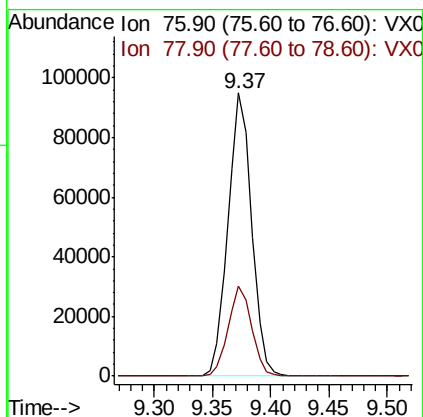
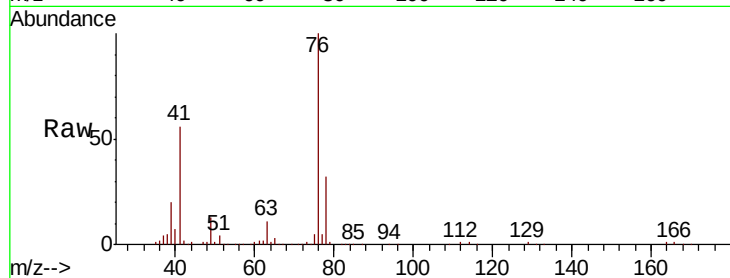




#57
 1,3-Dichloropropane
 Concen: 20.97 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

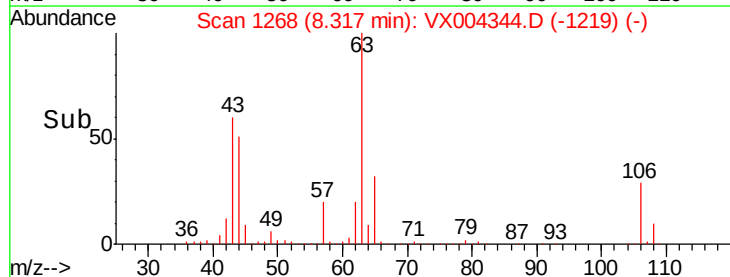
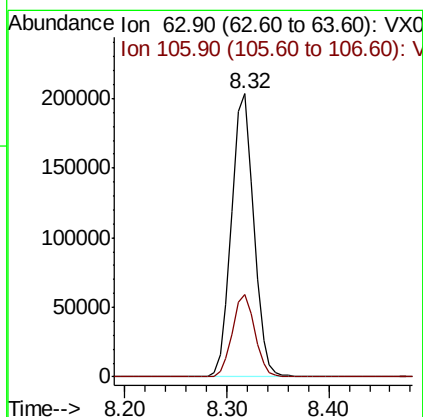
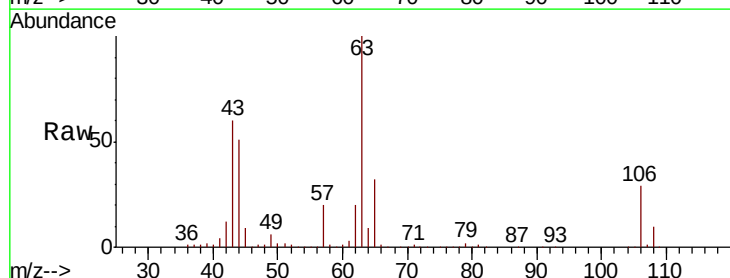
Instrument :
 MSVOA_X
 ClientSampled :
 VX0904WBS02

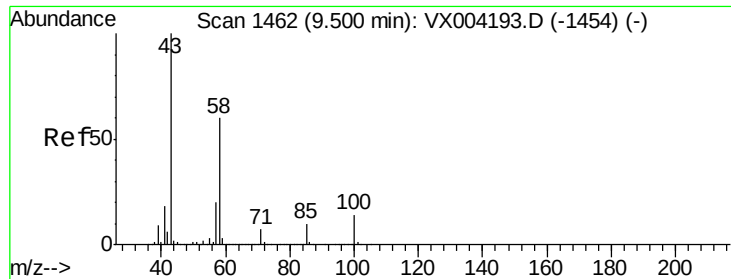
Tot Ion: 76 Resp: 134112
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.56 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion: 63 Resp: 305889
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.9 35.9

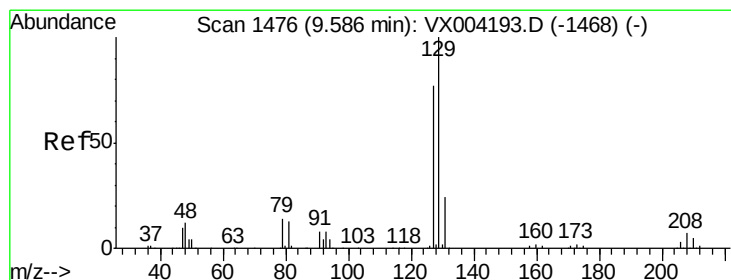
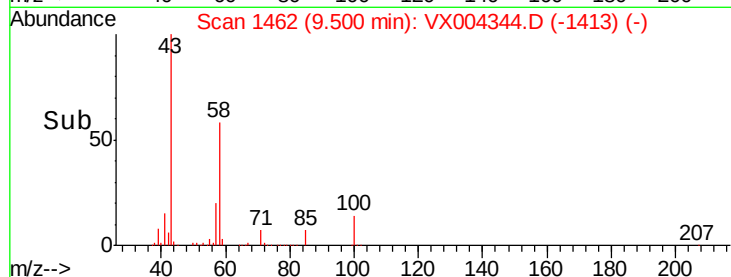
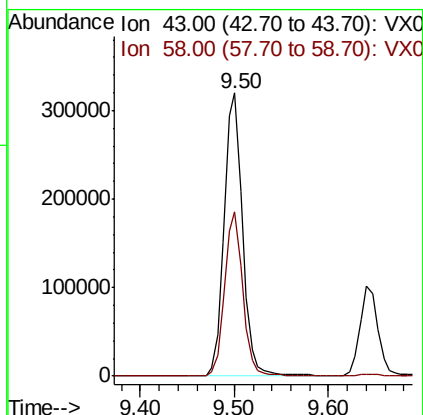
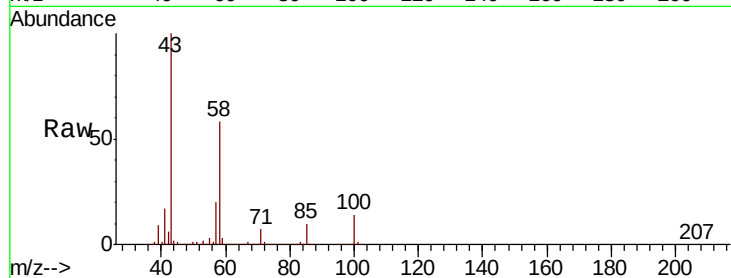




#59
2-Hexanone
Concen: 103.20 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

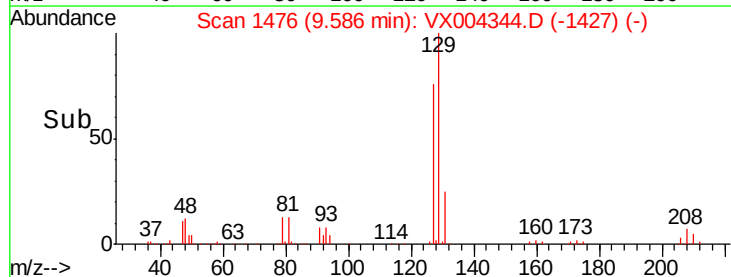
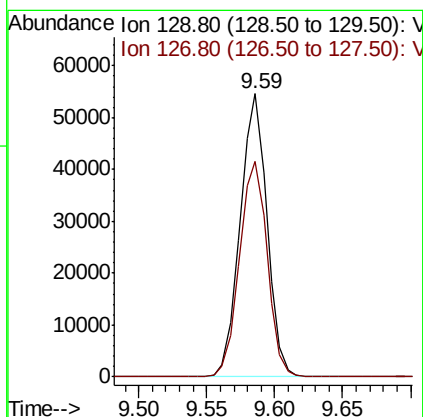
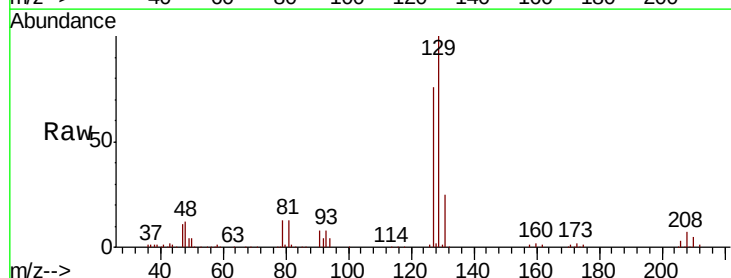
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

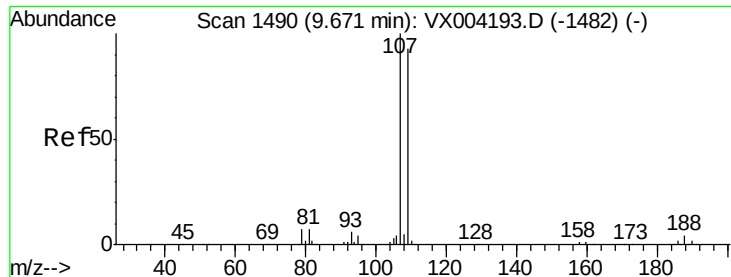
Tot Ion: 43 Resp: 434498
Ion Ratio Lower Upper
43 100
58 57.0 29.0 87.0



#60
Dibromochloromethane
Concen: 20.34 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion: 129 Resp: 75196
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.54 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

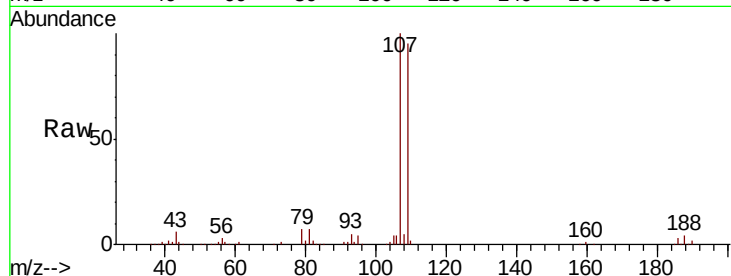
VX0904WBS02

Tot Ion:107 Resp: 80654

Ion Ratio Lower Upper

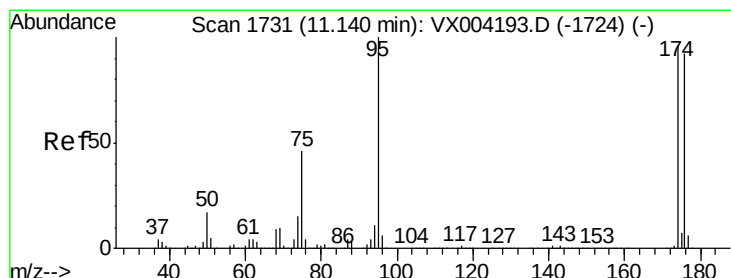
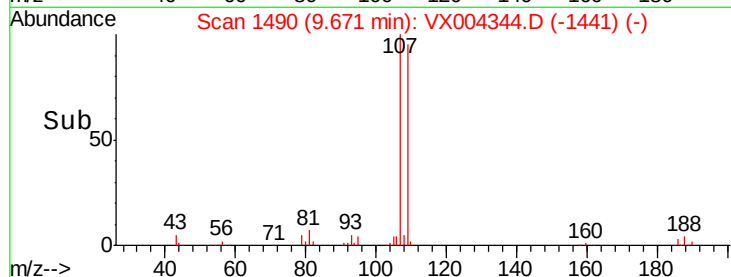
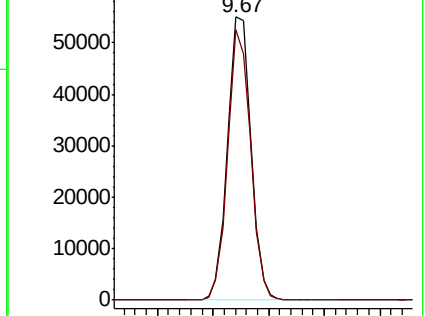
107 100

109 93.0 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: 50.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

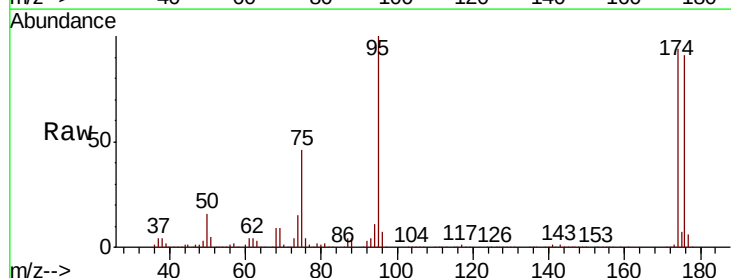
Tgt Ion: 95 Resp: 237129

Ion Ratio Lower Upper

95 100

174 93.0 0.0 185.2

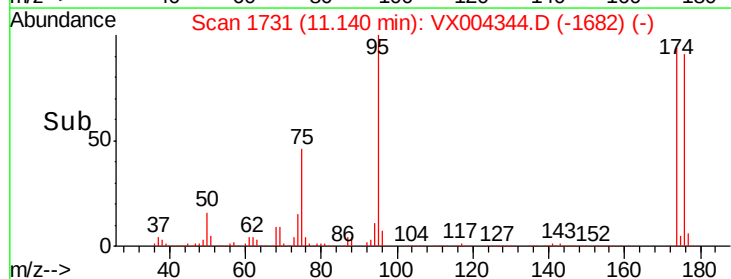
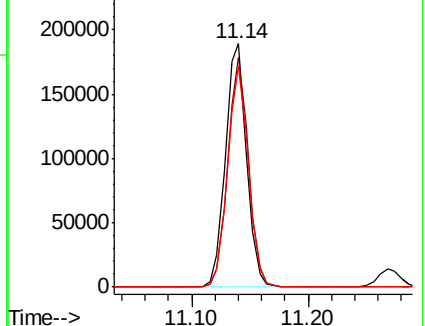
176 89.2 0.0 178.6

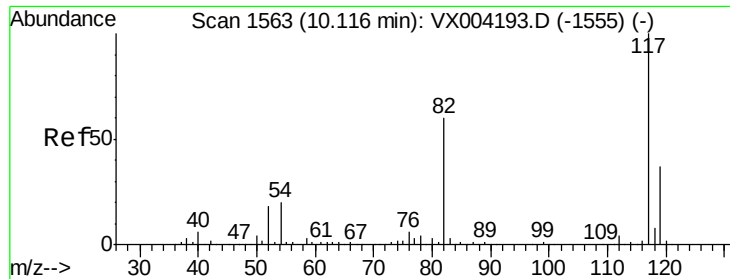


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

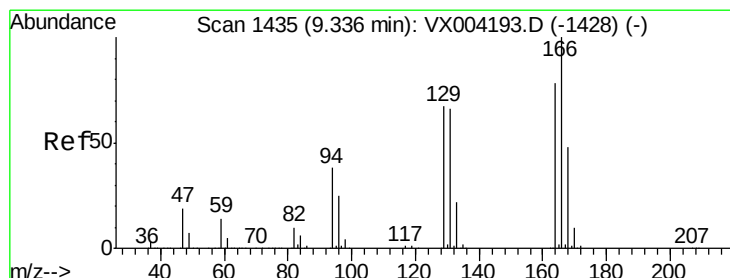
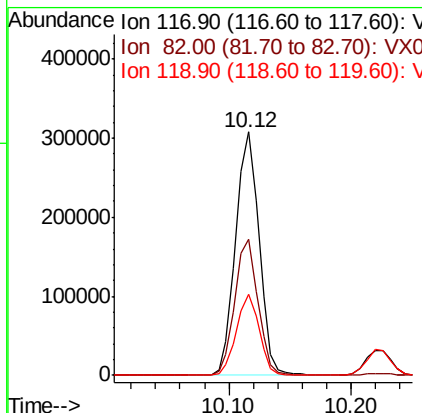
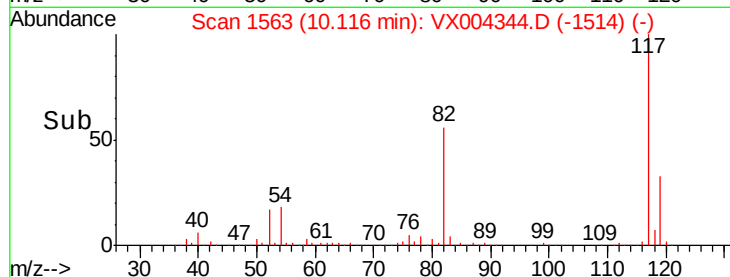
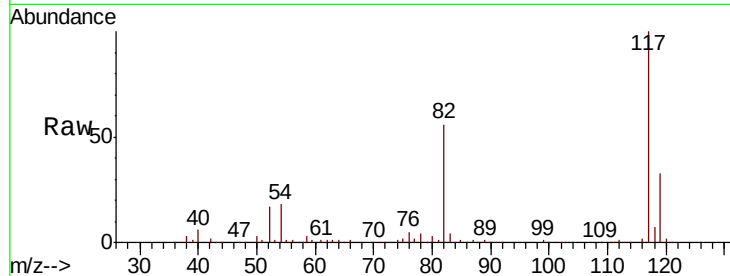




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

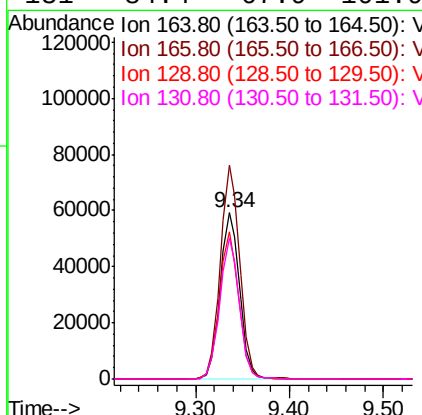
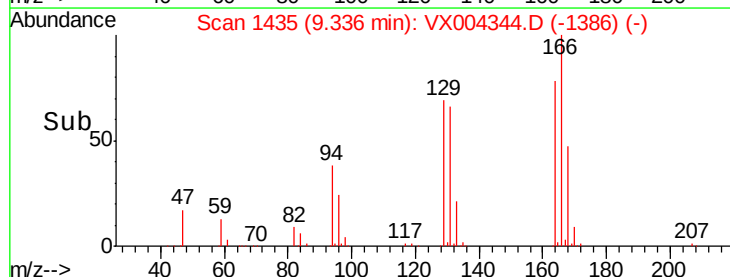
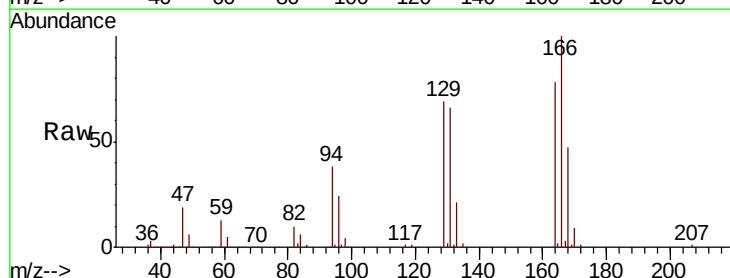
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

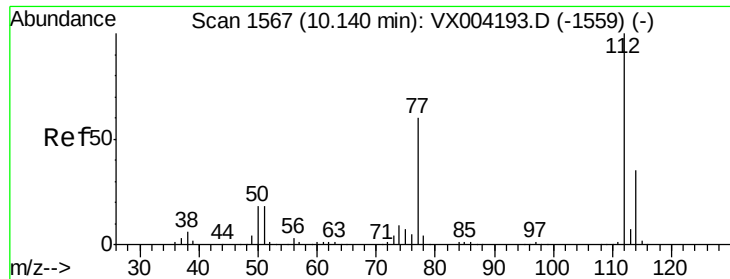
Tot Ion:117 Resp: 409473
Ion Ratio Lower Upper
117 100
82 55.7 47.8 71.6
119 33.2 29.3 43.9



#64
Tetrachloroethene
Concen: 21.07 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion:164 Resp: 85217
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 88.6 69.4 104.0
131 84.4 67.9 101.9

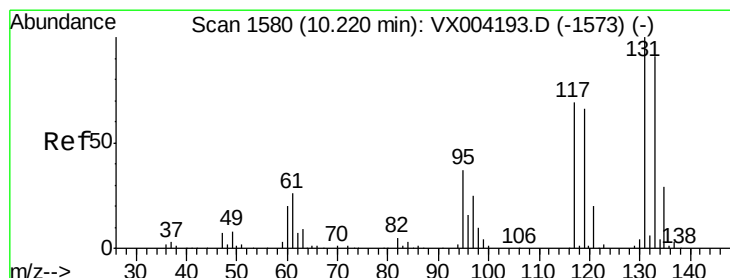
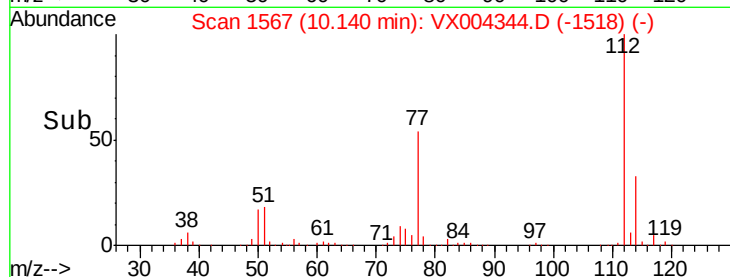
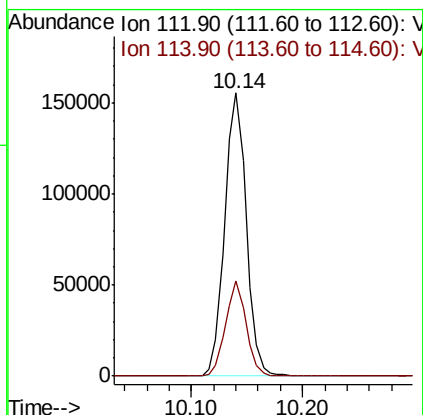
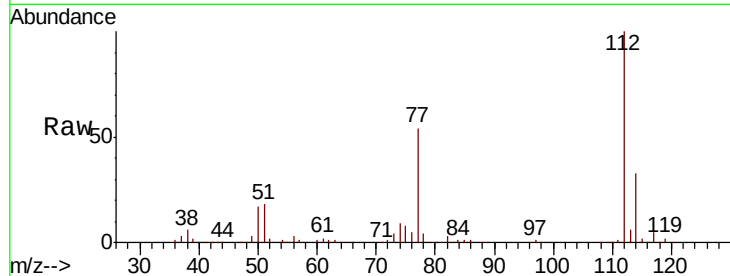




#65
Chlorobenzene
Concen: 20.36 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

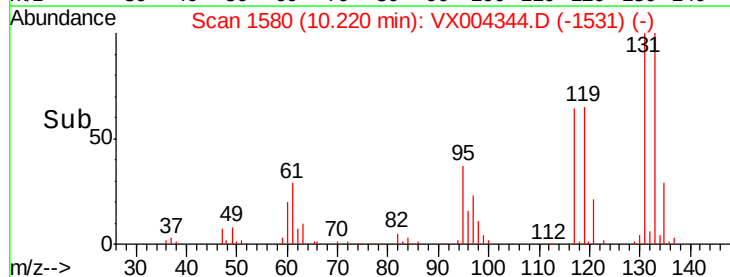
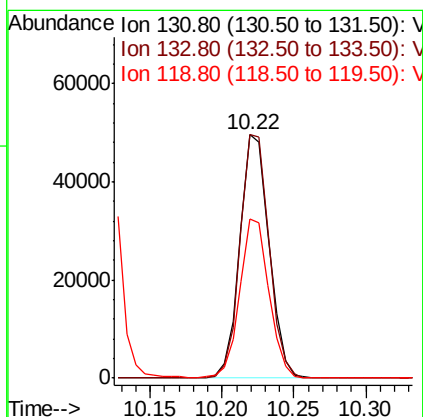
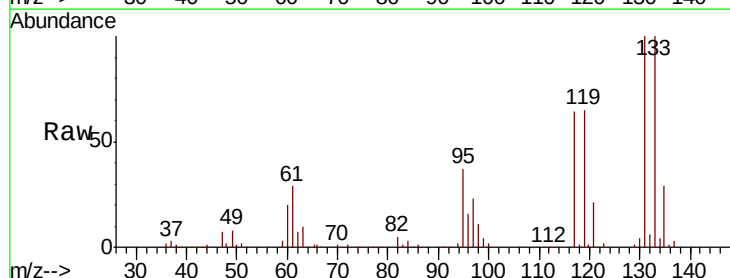
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

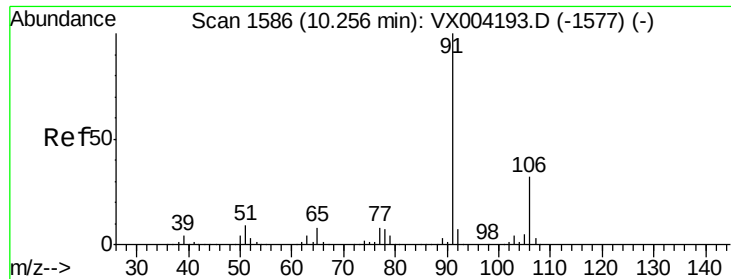
Tot Ion:112 Resp: 209200
Ion Ratio Lower Upper
112 100
114 33.5 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.74 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion:131 Resp: 69957
Ion Ratio Lower Upper
131 100
133 98.8 48.1 144.4
119 65.2 32.9 98.6

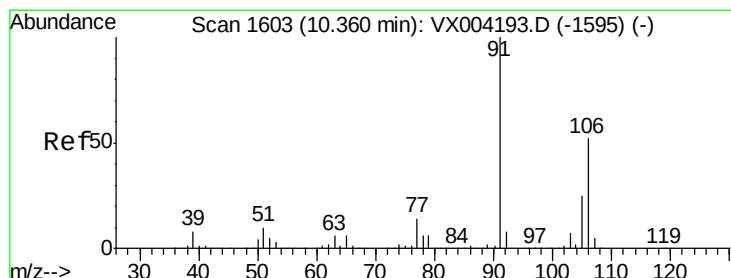
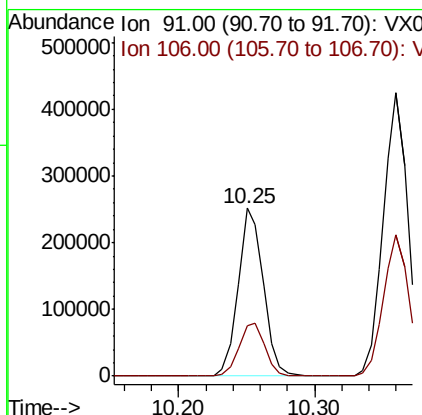
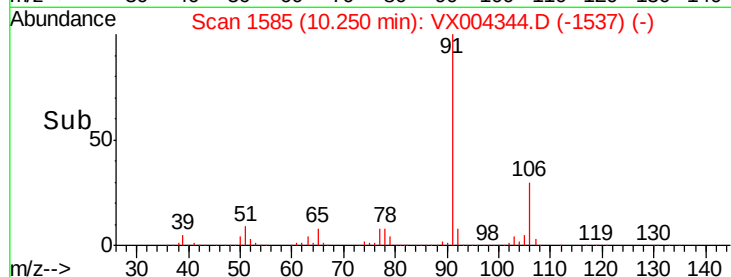
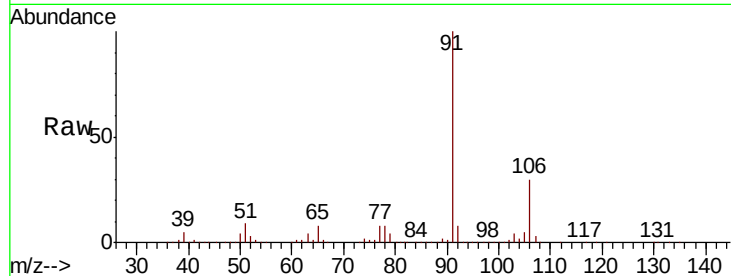




#67
Ethyl Benzene
Concen: 19.36 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

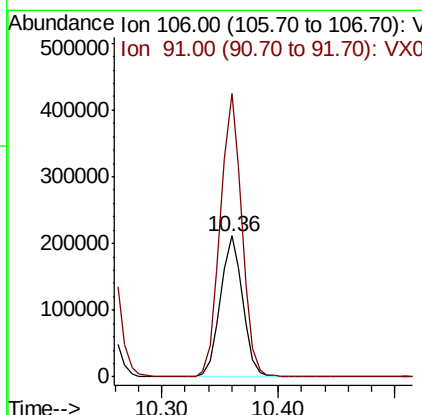
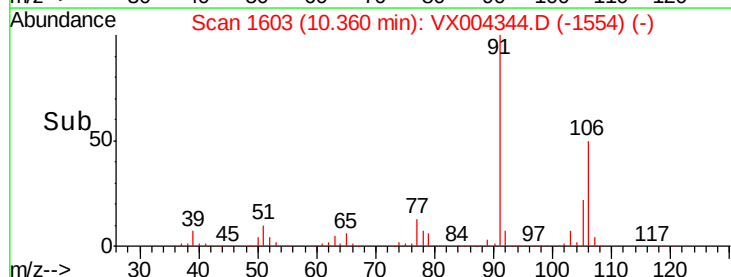
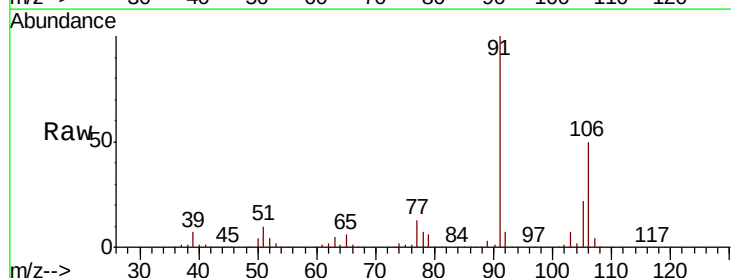
Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

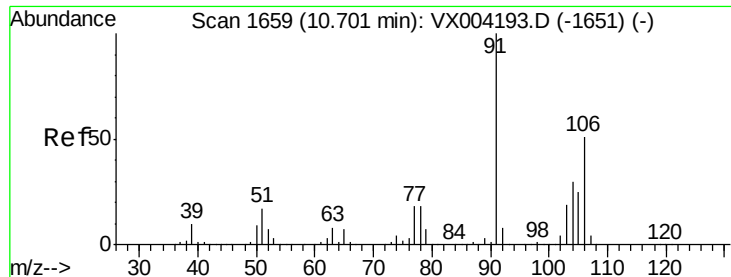
Tot Ion: 91 Resp: 323043
Ion Ratio Lower Upper
91 100
106 29.7 25.9 38.9



#68
m/p-Xylenes
Concen: 42.43 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion: 106 Resp: 276916
Ion Ratio Lower Upper
106 100
91 196.4 157.1 235.7

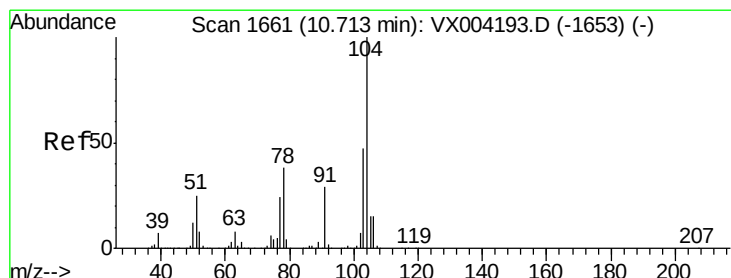
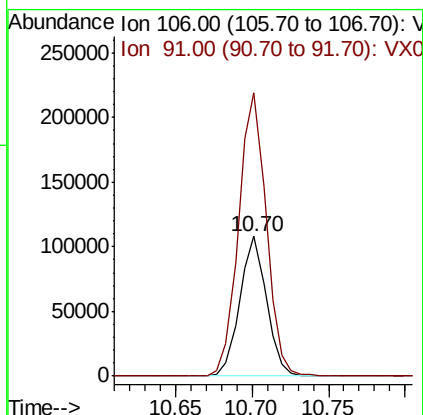
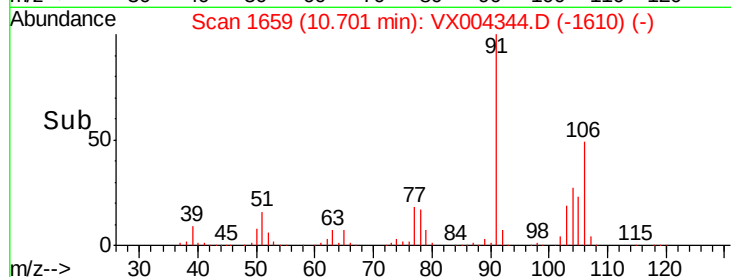
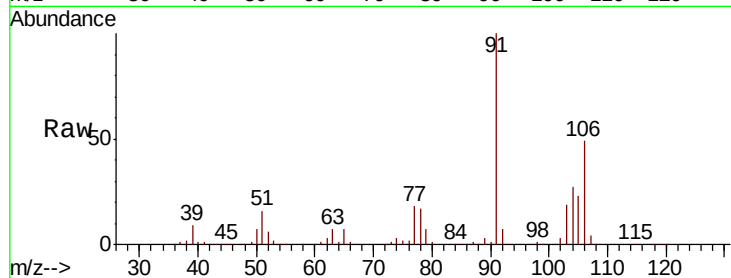




#69
o-Xylene
Concen: 21.29 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

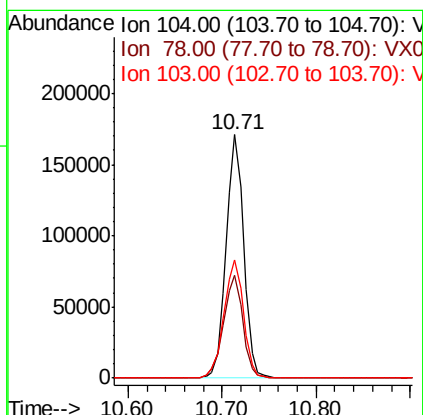
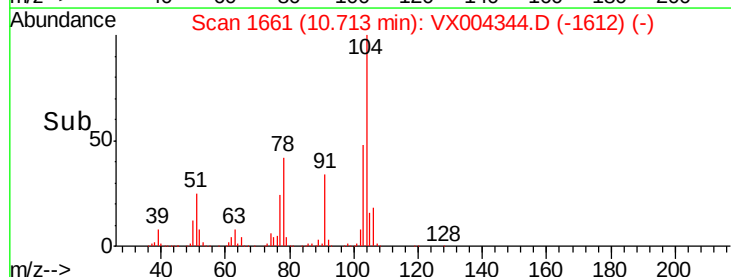
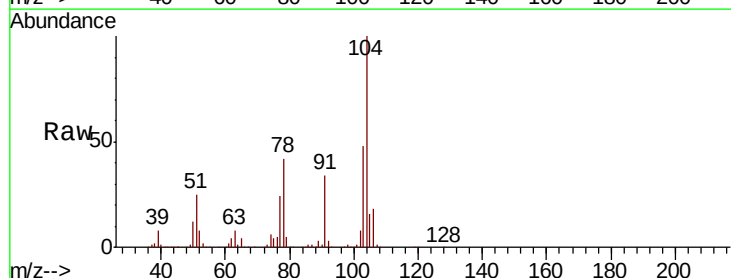
Instrument :
MSVOA_X
ClientSampled :
VX0904WBS02

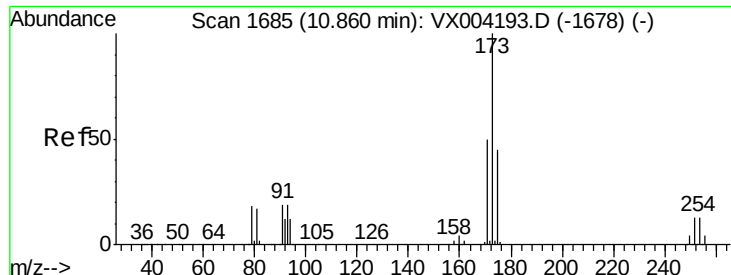
Tot Ion:106 Resp: 131433
Ion Ratio Lower Upper
106 100
91 209.1 105.1 315.1



#70
Styrene
Concen: 22.28 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion:104 Resp: 222653
Ion Ratio Lower Upper
104 100
78 46.6 37.4 56.0
103 53.9 43.8 65.6





#71

Bromoform

Concen: 20.23 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

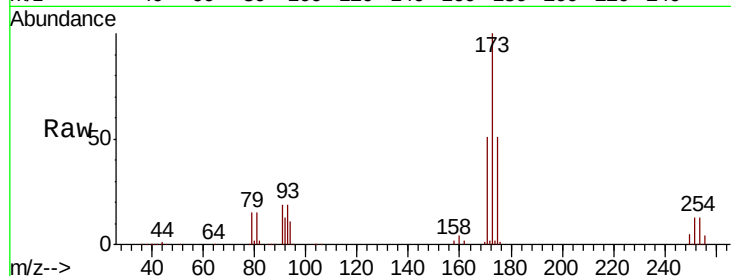
Tot Ion:173 Resp: 57797

Ion Ratio Lower Upper

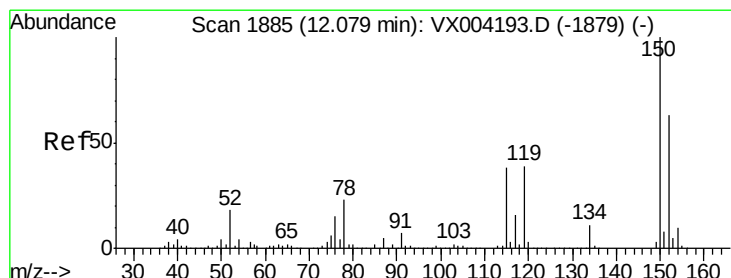
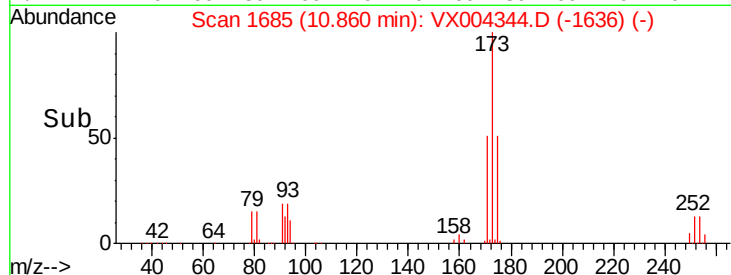
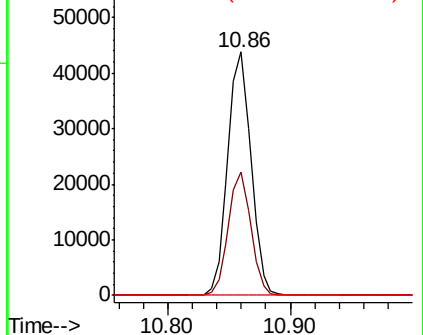
173 100

175 49.0 24.1 72.3

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

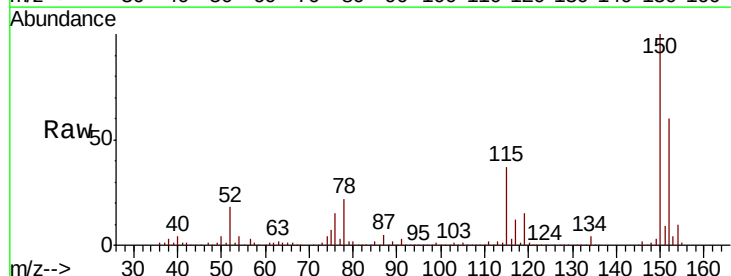
Tgt Ion:152 Resp: 243885

Ion Ratio Lower Upper

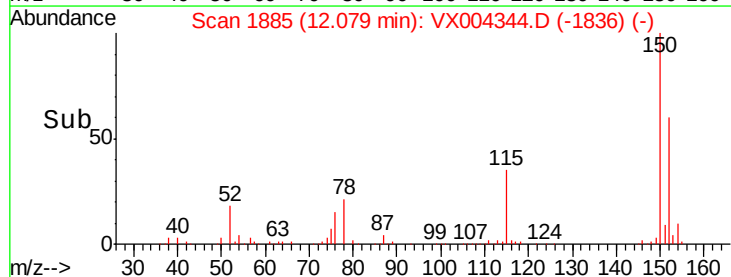
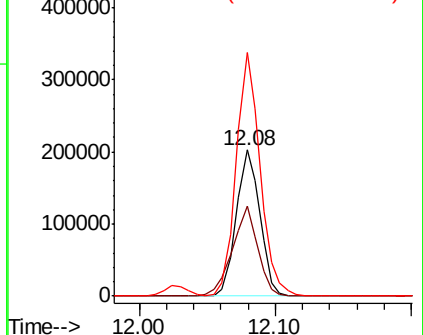
152 100

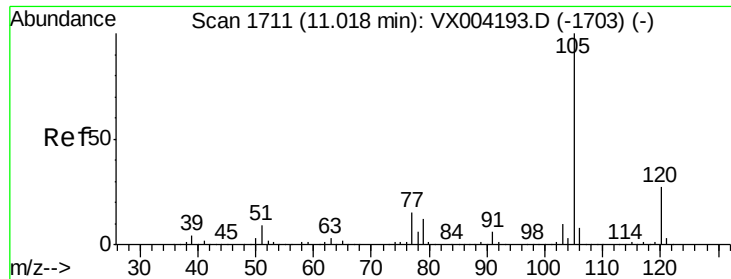
115 66.0 39.0 117.0

150 169.0 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.45 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

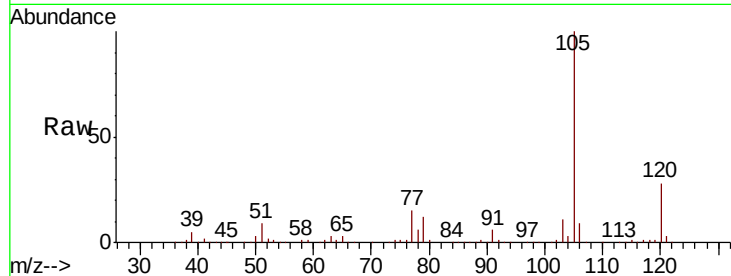
VX0904WBS02

Tot Ion:105 Resp: 359630

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

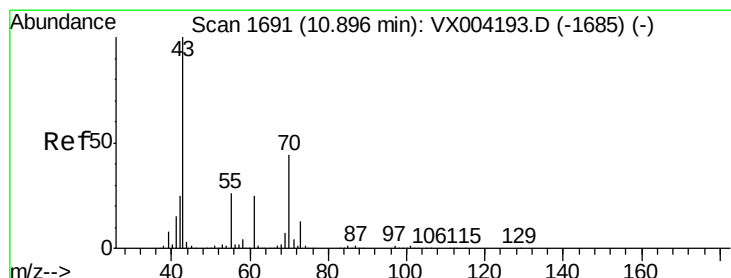
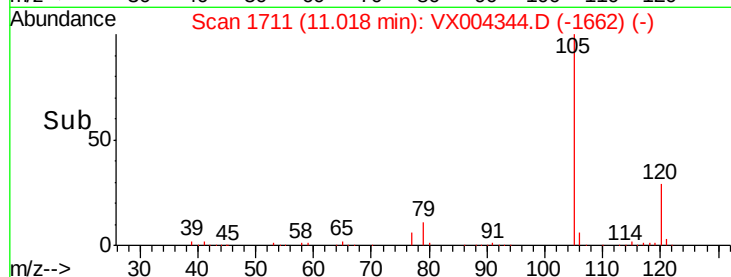
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 21.04 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Tgt Ion: 43 Resp: 129763

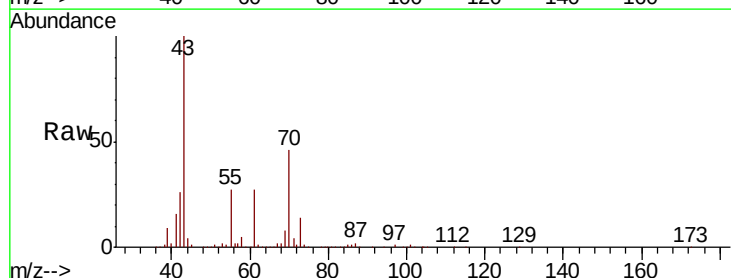
Ion Ratio Lower Upper

43 100

70 46.4 37.4 56.0

55 28.7 21.8 32.8

61 26.0 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

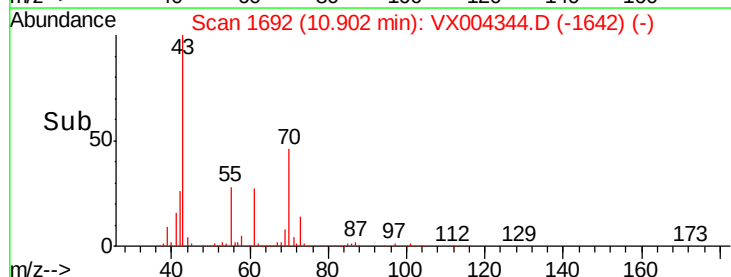
150000

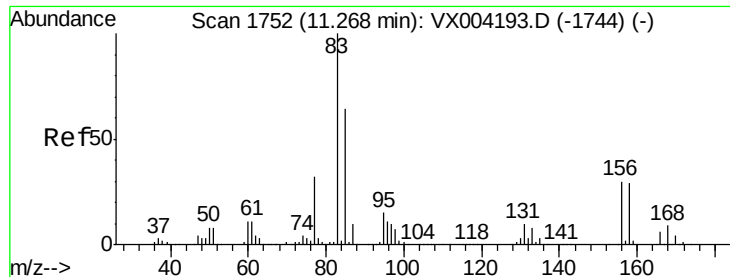
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 21.48 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

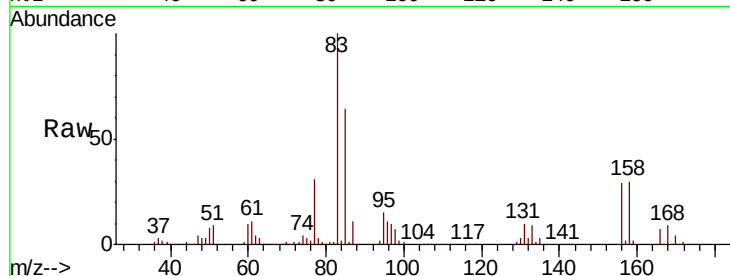
Tot Ion: 83 Resp: 120383

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

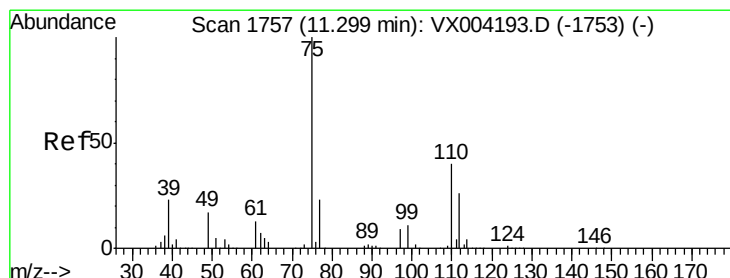
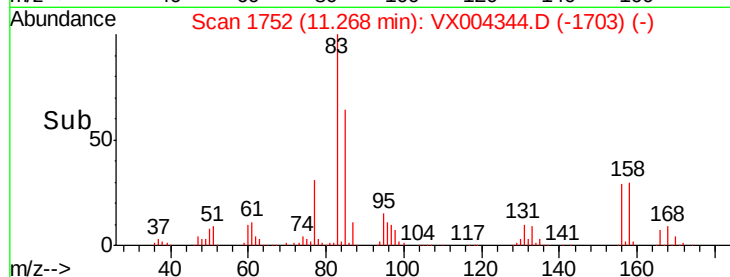
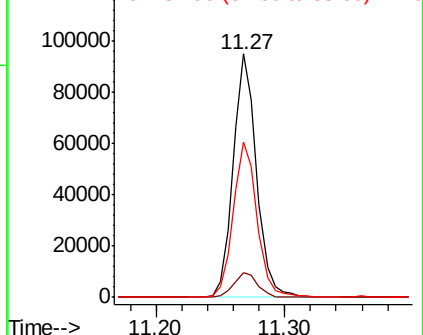
85 65.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.69 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004344.D

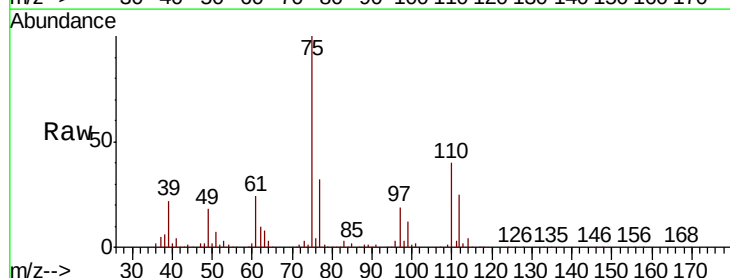
Acq: 04 Sep 2018 13:58

Tgt Ion: 75 Resp: 137362

Ion Ratio Lower Upper

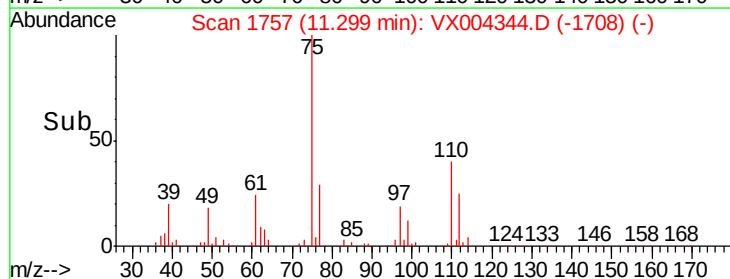
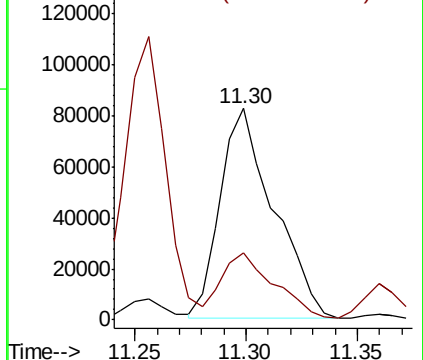
75 100

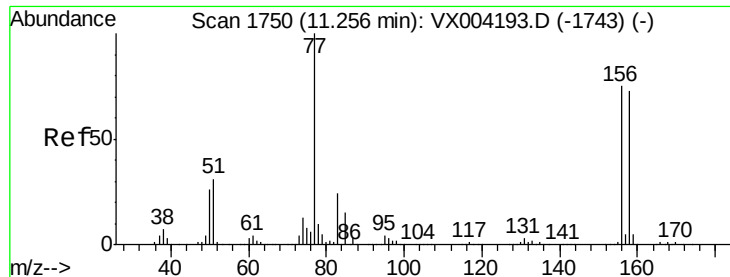
77 32.0 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.29 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

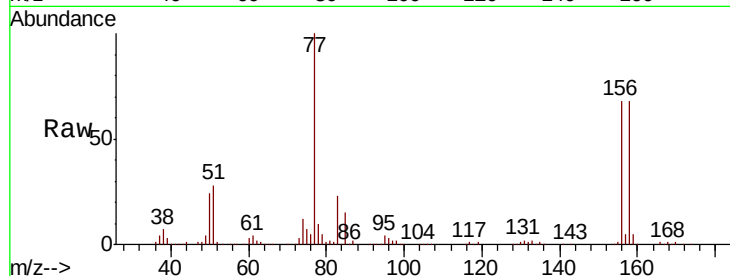
Tot Ion:156 Resp: 95656

Ion Ratio Lower Upper

156 100

77 148.3 71.5 214.3

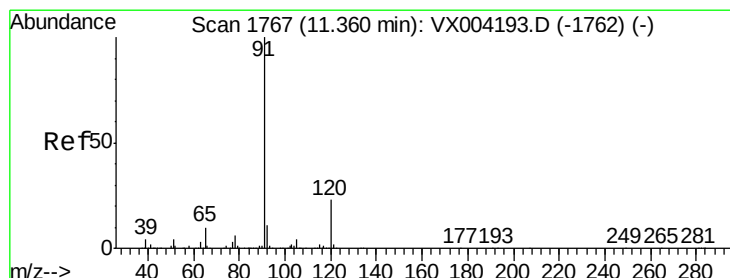
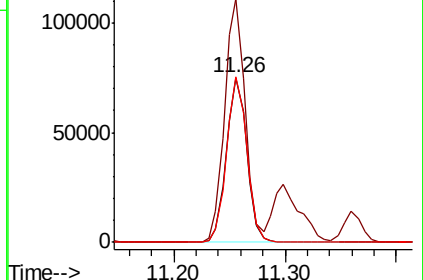
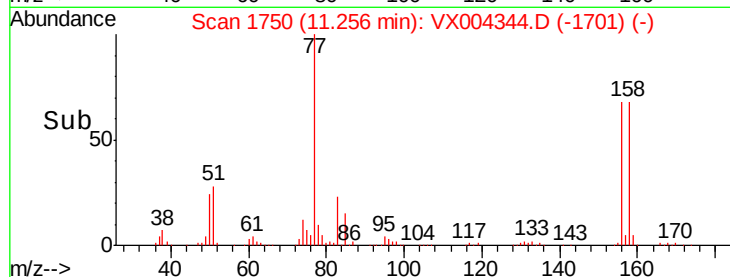
158 99.7 48.9 146.8



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: 22.12 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004344.D

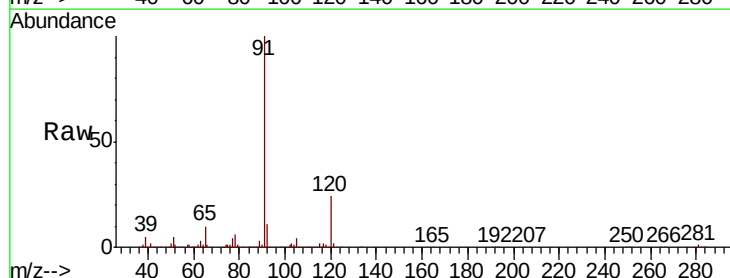
Acq: 04 Sep 2018 13:58

Tgt Ion: 91 Resp: 407473

Ion Ratio Lower Upper

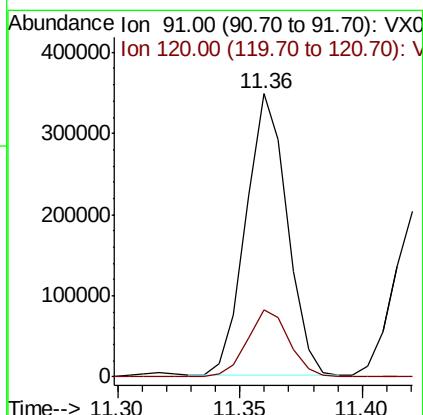
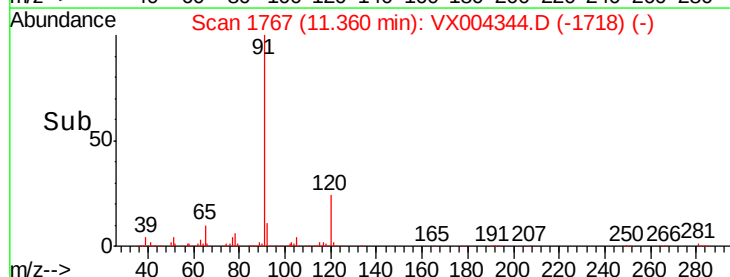
91 100

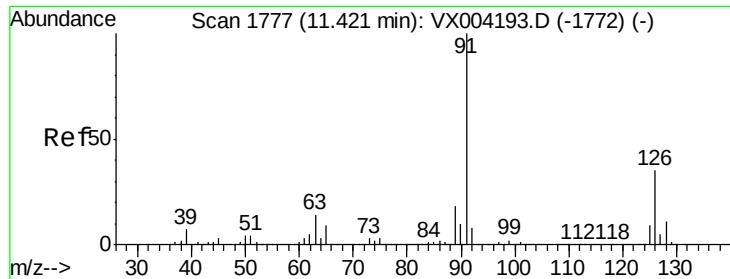
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

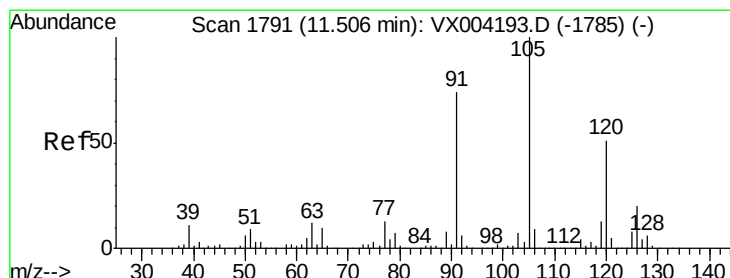
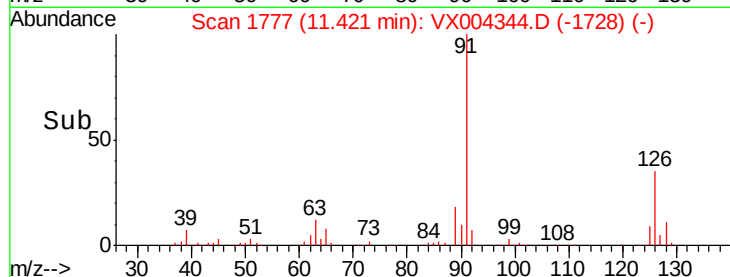
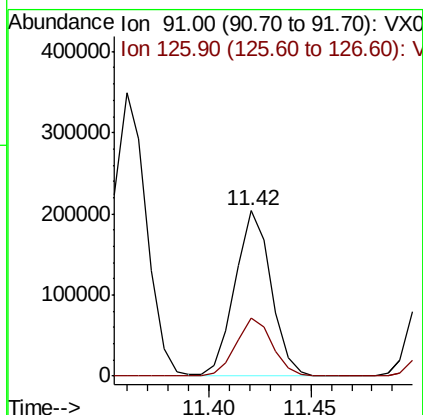
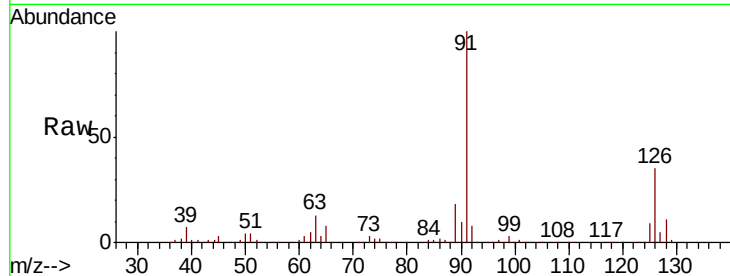




#79
 2-Chlorotoluene
 Concen: 21.89 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

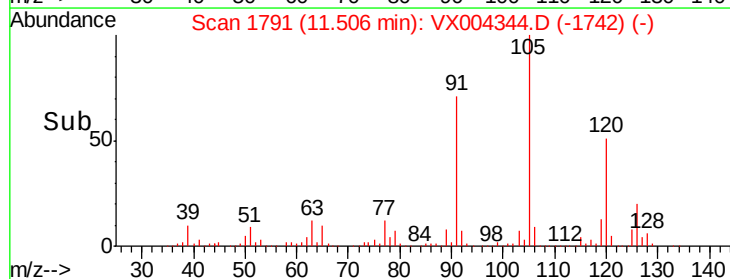
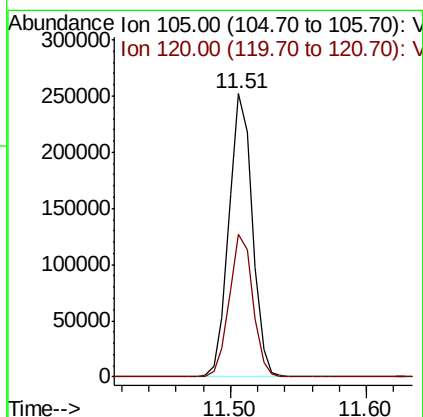
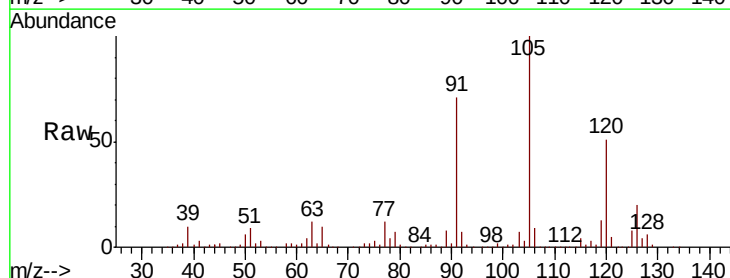
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

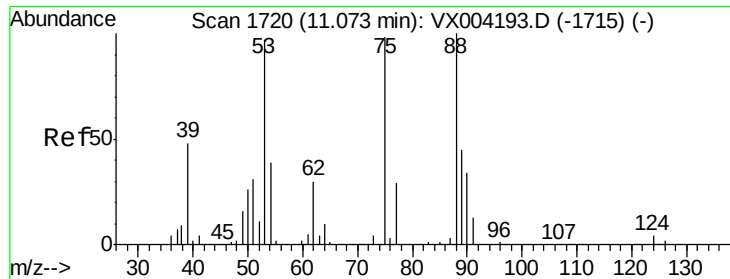
Tot Ion: 91 Resp: 248175
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 22.72 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion: 105 Resp: 301358
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.6 76.8

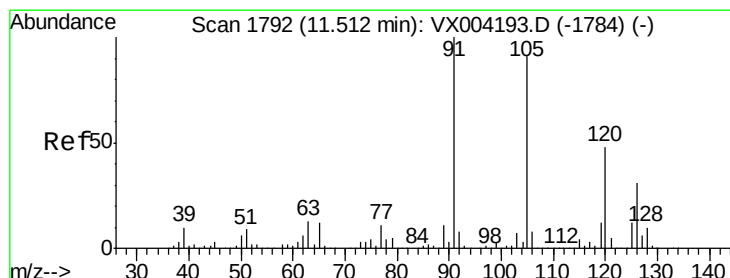
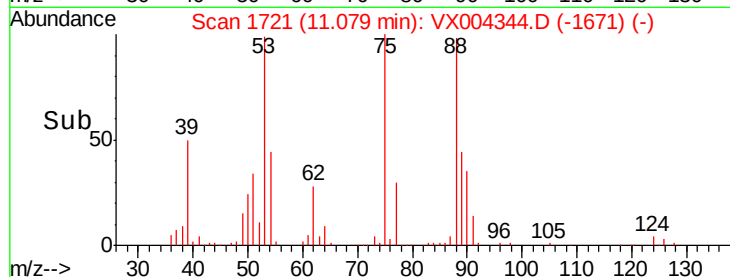
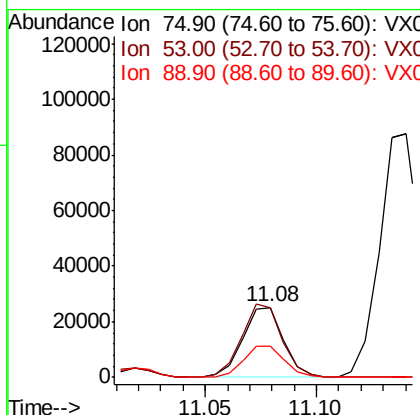
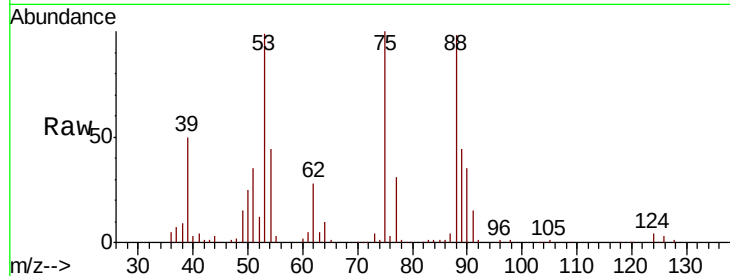




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.84 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

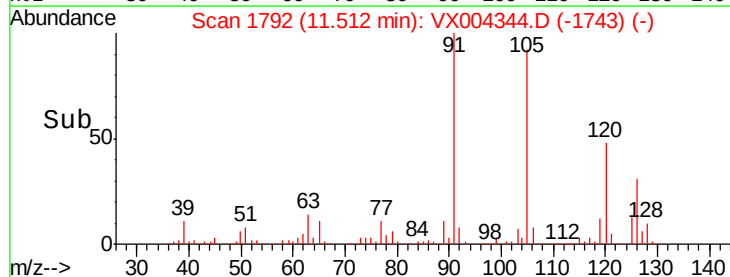
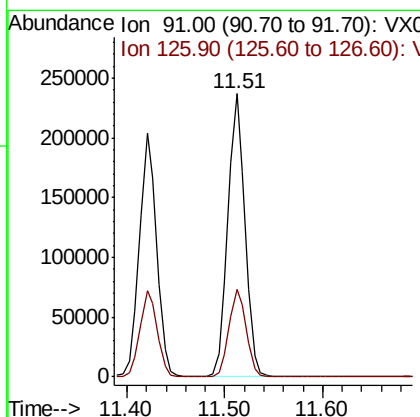
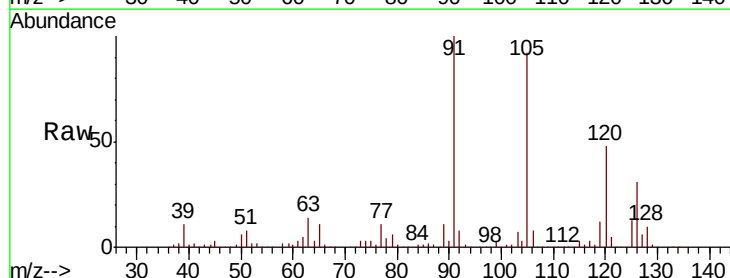
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

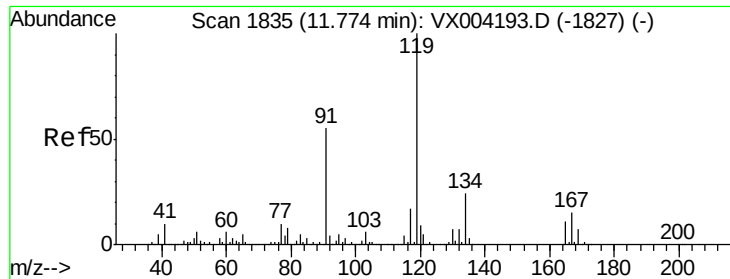
Tot Ion: 75 Resp: 31860
 Ion Ratio Lower Upper
 75 100
 53 104.3 80.1 120.1
 89 45.0 37.2 55.8



#82
 4-Chlorotoluene
 Concen: 21.65 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion: 91 Resp: 288863
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.5 46.5

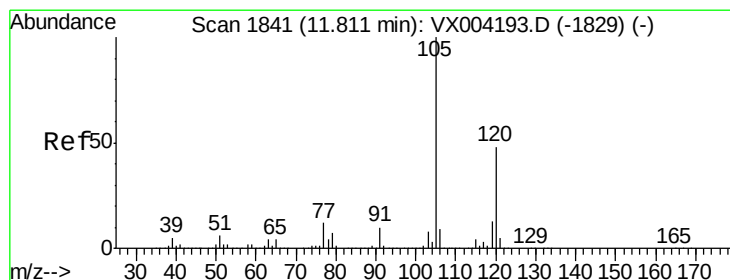
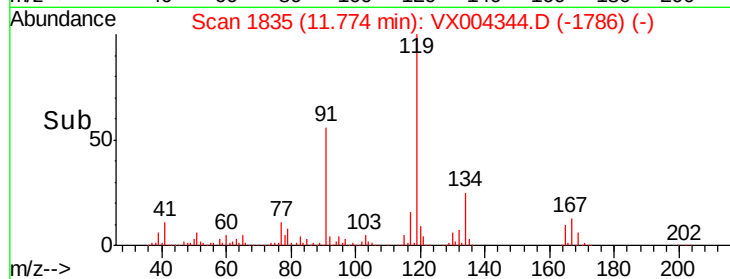
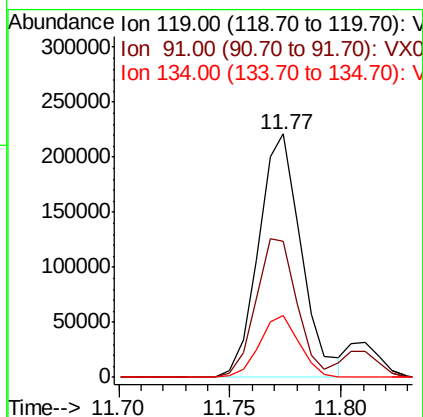
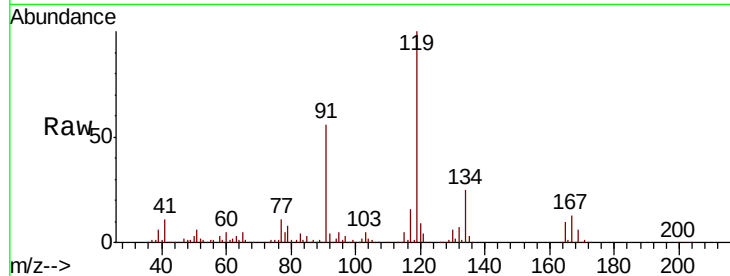




#83
 tert-Butylbenzene
 Concen: 22.02 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

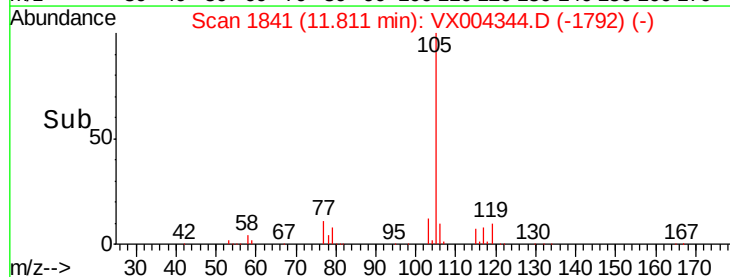
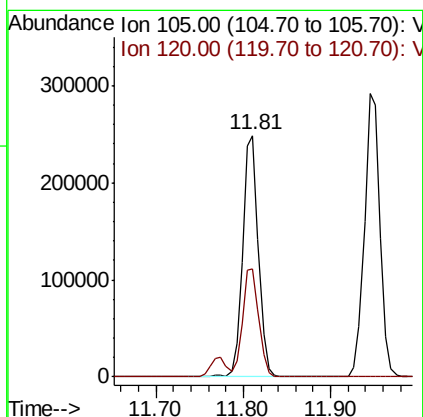
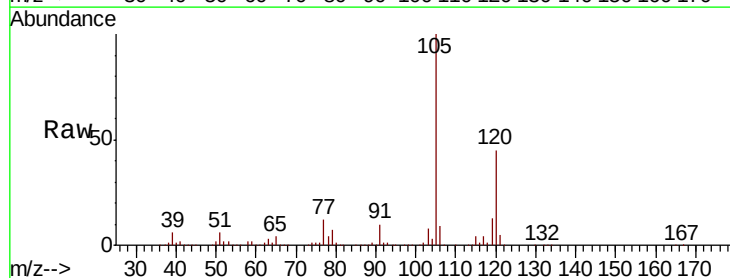
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

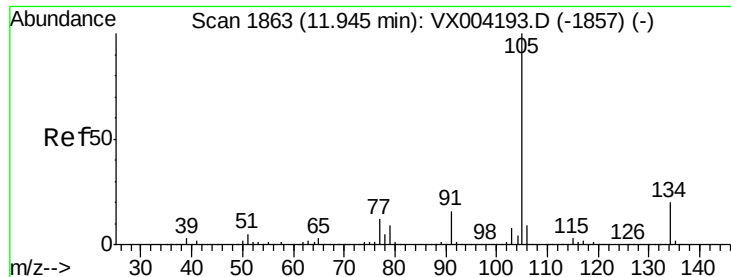
Tot Ion:119 Resp: 293941
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.0 81.0
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 22.81 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion:105 Resp: 310632
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.91 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

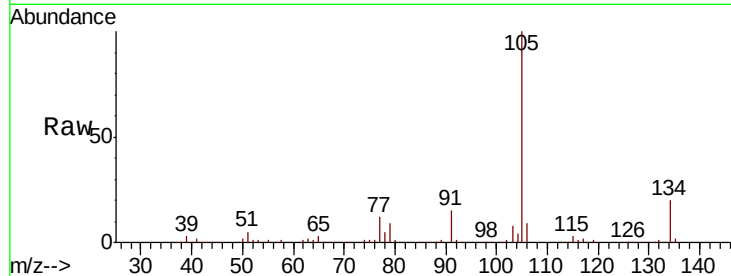
VX0904WBS02

Tot Ion:105 Resp: 363040

Ion Ratio Lower Upper

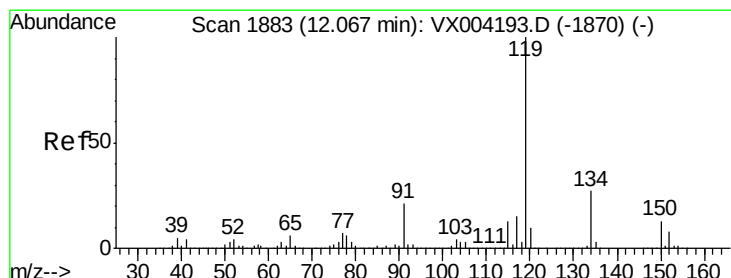
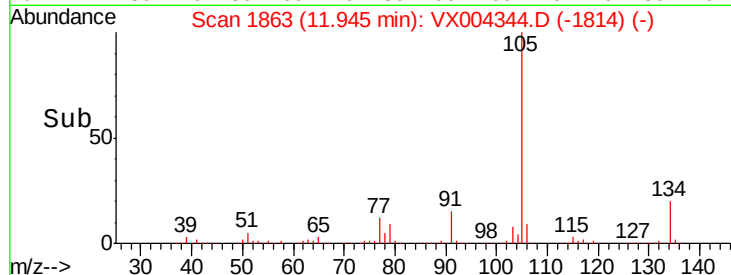
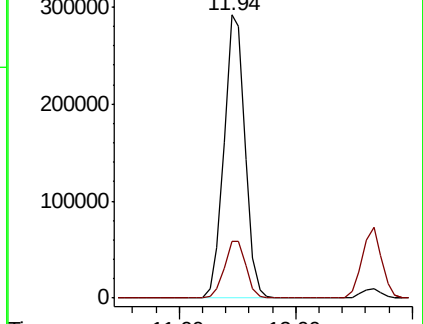
105 100

134 20.8 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: 22.43 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

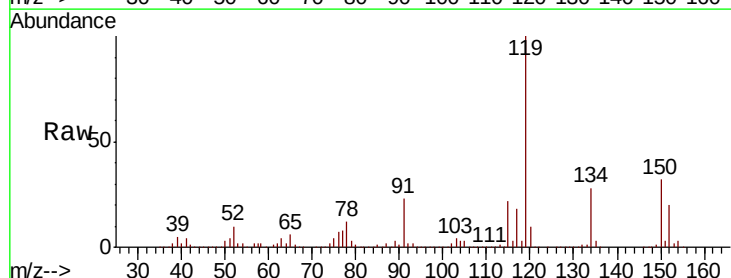
Tgt Ion:119 Resp: 318444

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

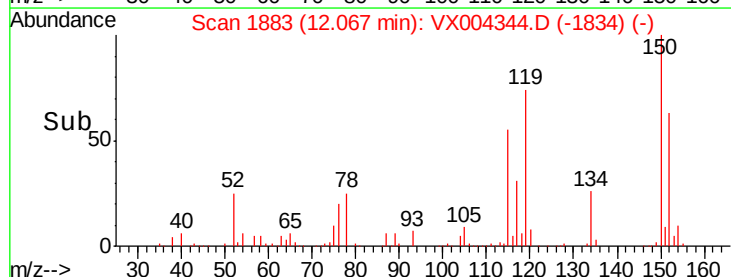
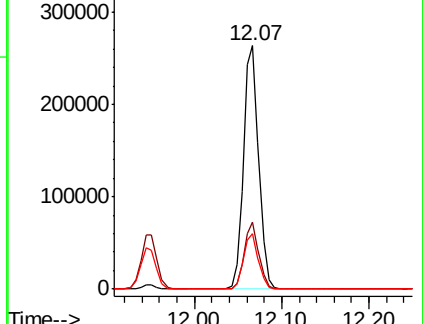
91 22.3 10.9 32.7

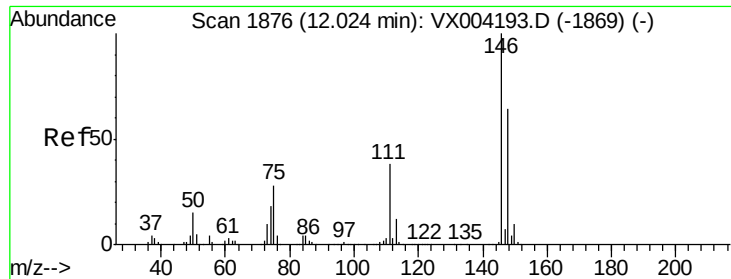


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

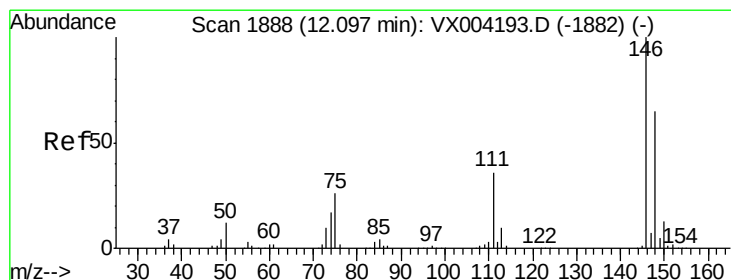
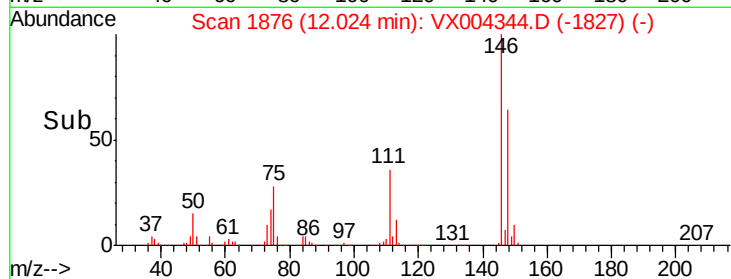
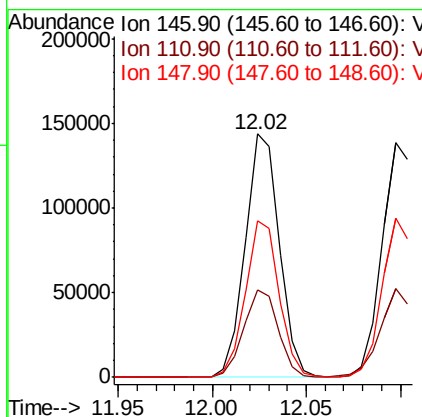
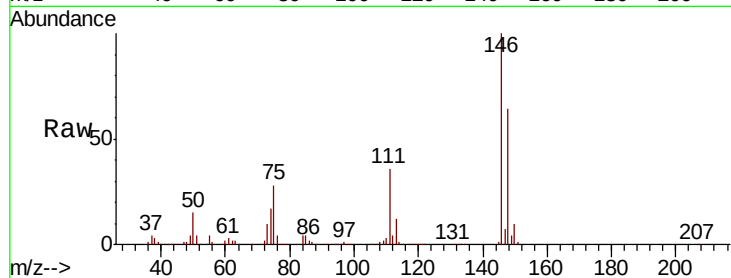




#87
 1,3-Dichlorobenzene
 Concen: 21.39 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

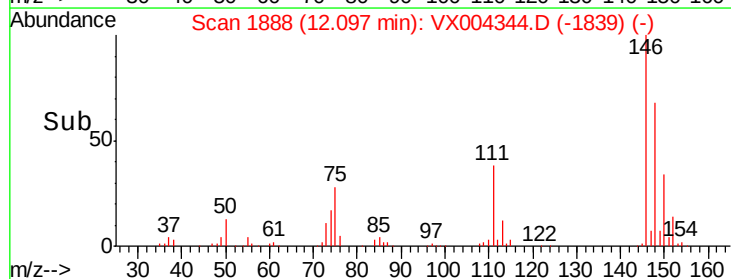
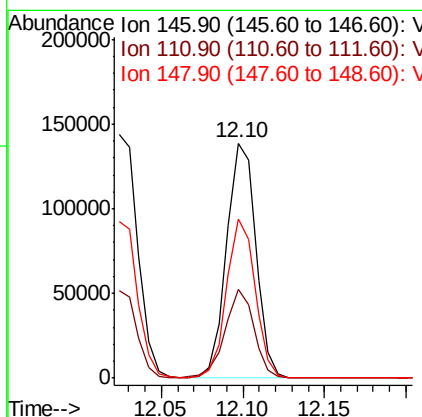
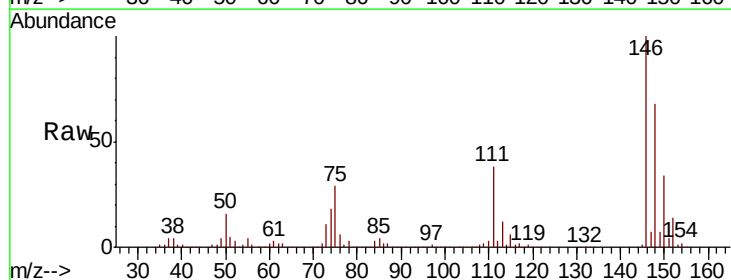
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

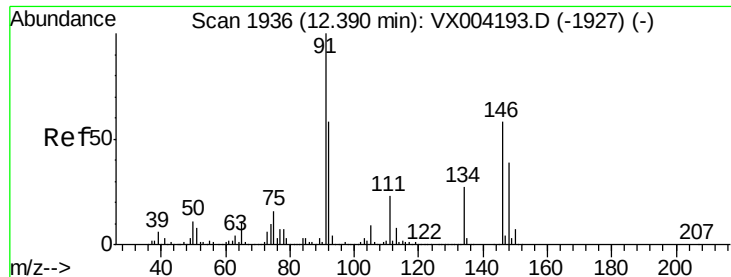
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.7	56.1
148	63.4	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.41 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	66.4	32.0	96.0

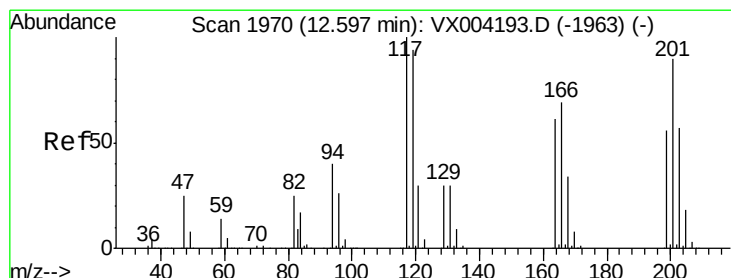
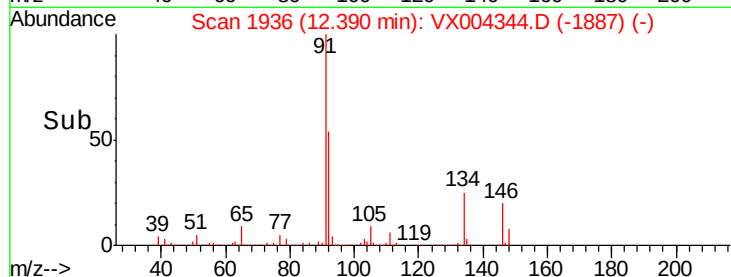
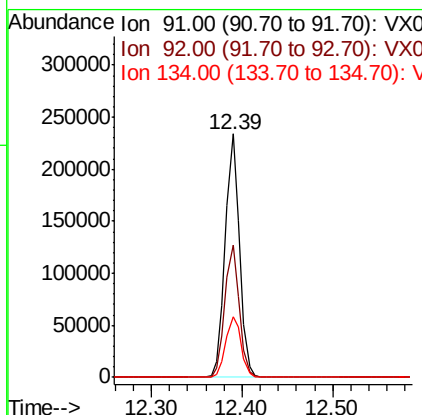
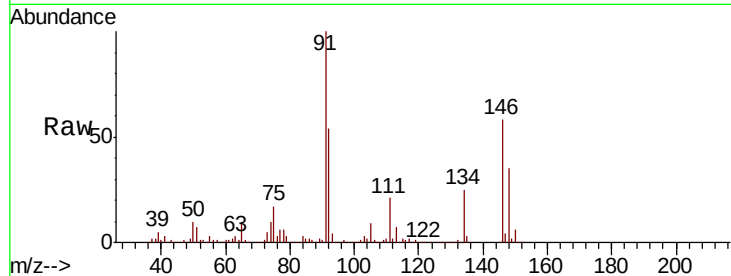




#89
n-Butylbenzene
Concen: 22.27 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

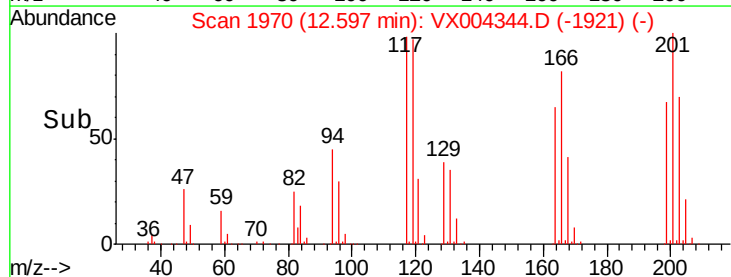
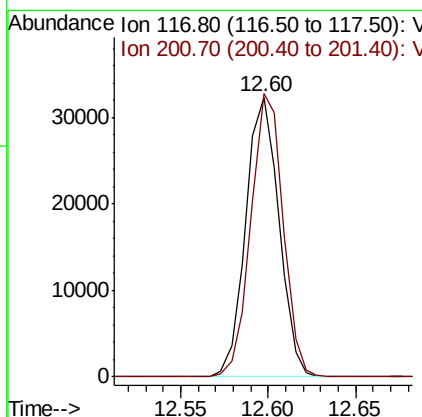
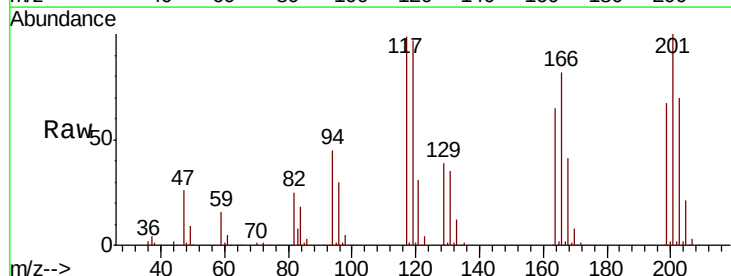
Instrument :
MSVOA_X
ClientSampled :
VX0904WBS02

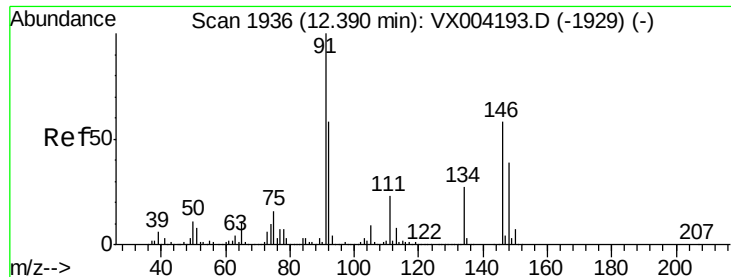
Tot Ion: 91 Resp: 257114
Ion Ratio Lower Upper
91 100
92 54.8 27.3 81.9
134 26.8 13.6 40.7



#90
Hexachloroethane
Concen: 21.55 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion: 117 Resp: 42776
Ion Ratio Lower Upper
117 100
201 98.2 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 21.74 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

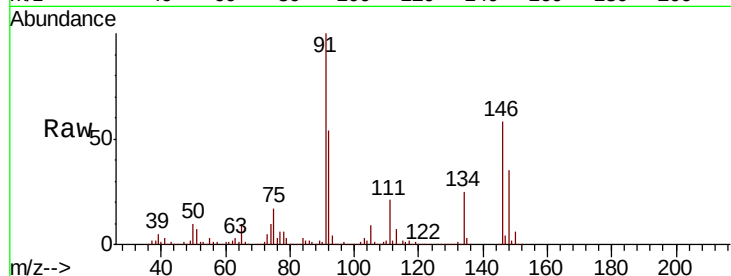
Tot Ion:146 Resp: 168102

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.1

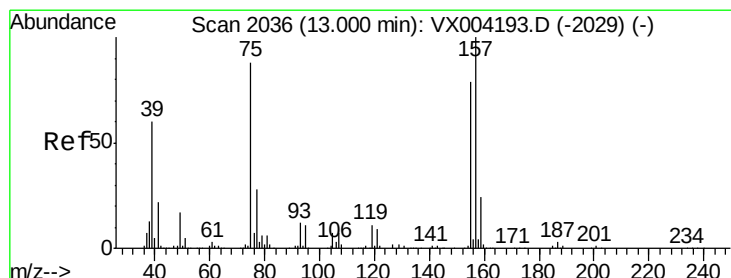
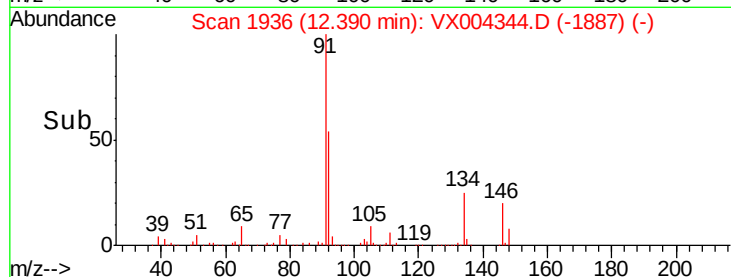
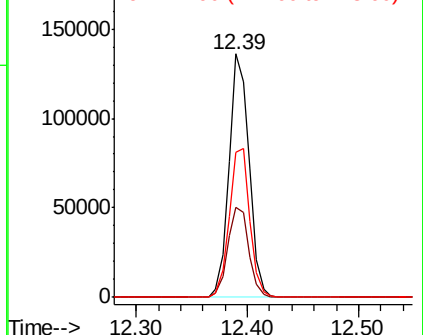
148 62.7 32.8 98.3



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: 21.62 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

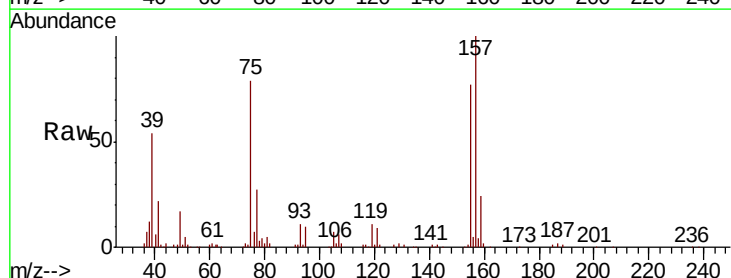
Tgt Ion: 75 Resp: 21347

Ion Ratio Lower Upper

75 100

155 99.5 48.0 144.2

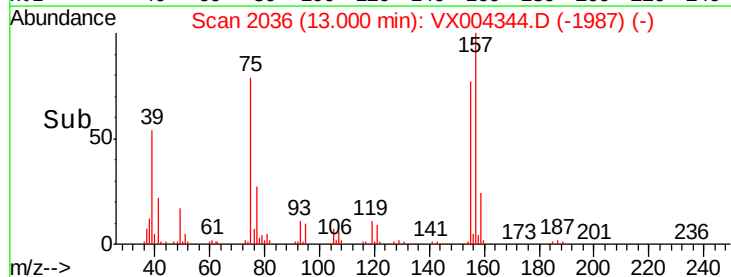
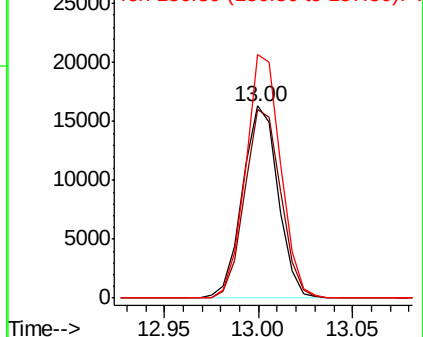
157 124.9 61.4 184.1

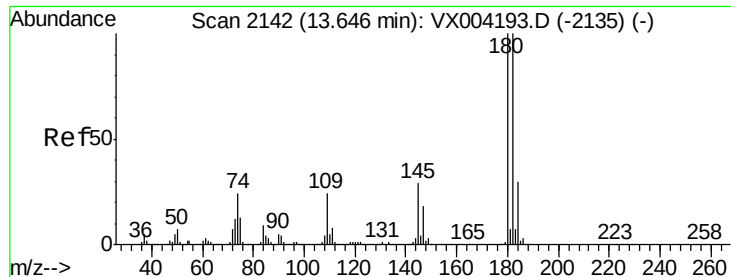


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

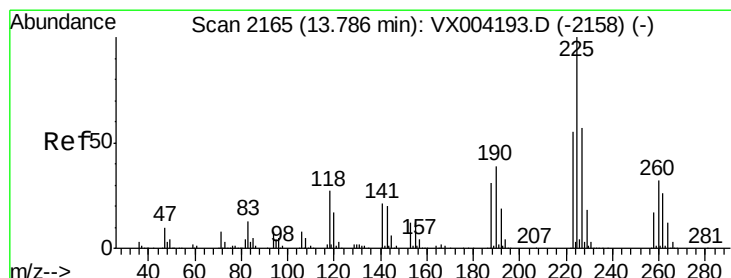
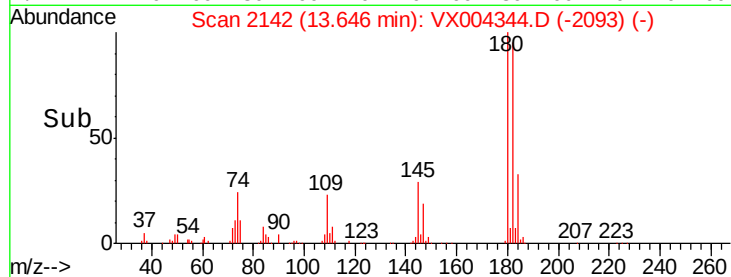
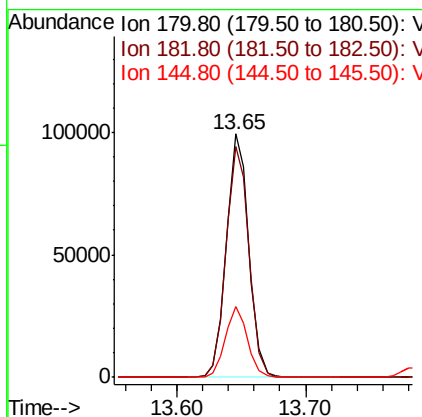
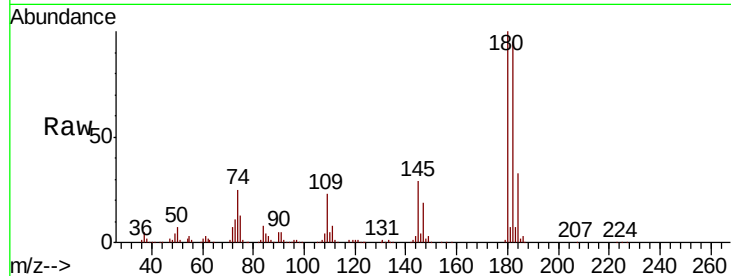




#93
 1,2,4-Trichlorobenzene
 Concen: 21.54 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

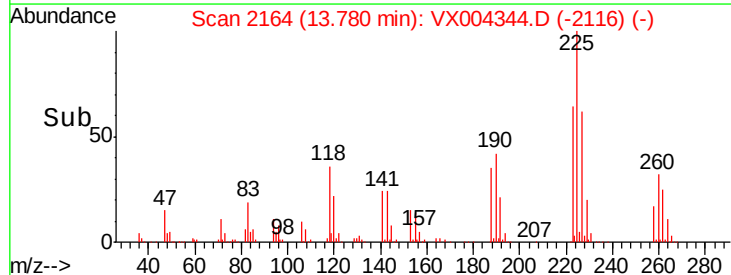
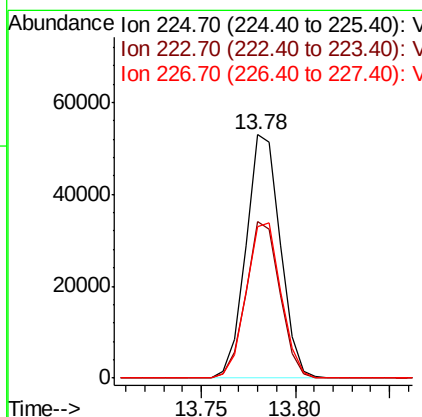
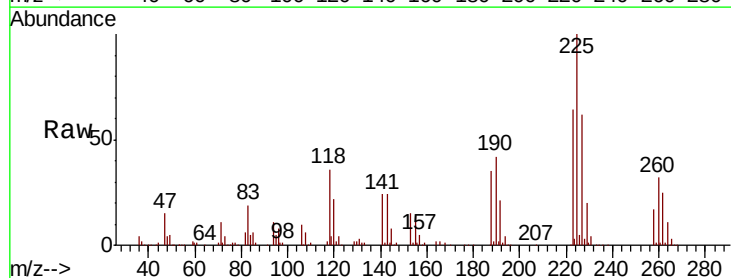
Instrument :
 MSVOA_X
 ClientSampled :
 VX0904WBS02

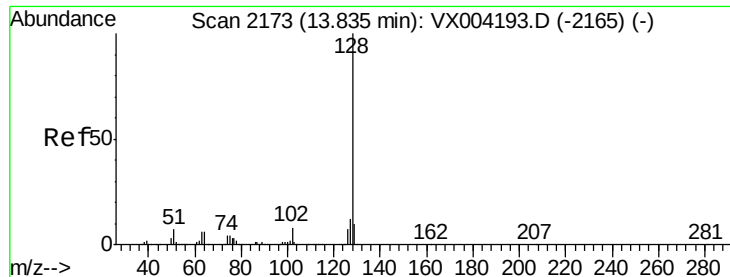
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	48.4	145.0
145	28.6	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 25.47 ug/l
 RT: 13.78 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.1	90.5
227	64.7	30.8	92.4





#95

Naphthalene

Concen: 23.49 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

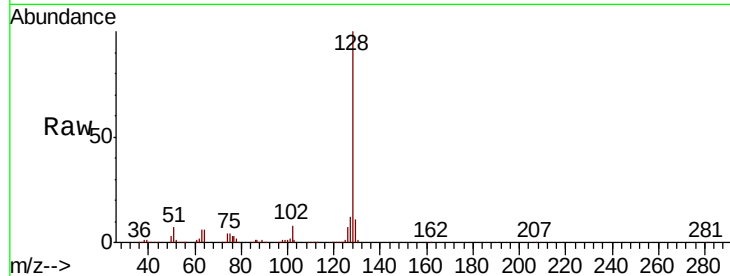
Tot Ion:128 Resp: 373822

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

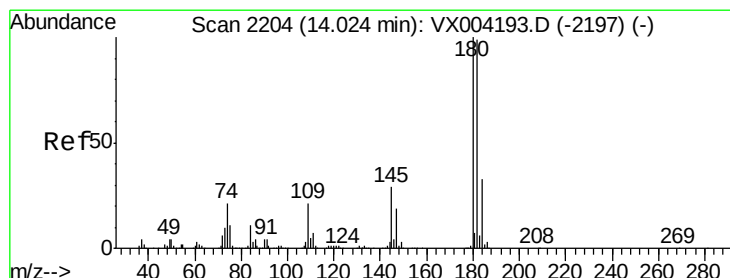
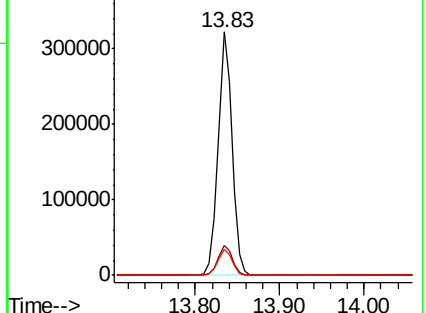
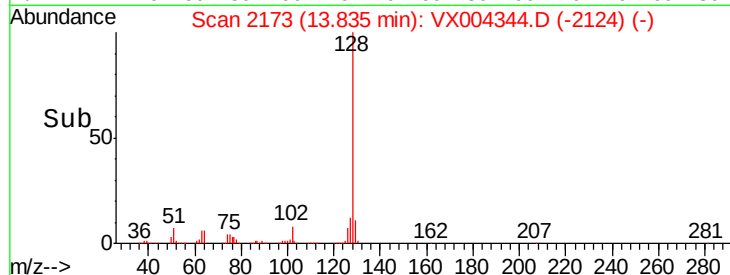
129 10.9 8.6 12.8



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: 22.31 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

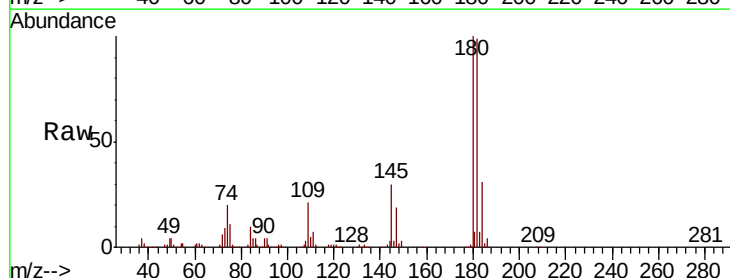
Tgt Ion:180 Resp: 132841

Ion Ratio Lower Upper

180 100

182 97.1 48.5 145.6

145 30.0 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

