

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080318\
 Data File : VX003835.D
 Acq On : 02 Aug 2018 20:42
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 03 01:40:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	109790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	155500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	150598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95661	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139404	85.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.74%	
35) Dibromofluoromethane	5.51	113	120868	95.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.26%	
50) Toluene-d8	8.72	98	467665	96.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.68%	
62) 4-Bromofluorobenzene	11.14	95	171537	97.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	110857	91.436	ug/l	99
3) Chloromethane	1.32	50	146447	87.670	ug/l	98
4) Vinyl Chloride	1.40	62	136302	83.094	ug/l	99
5) Bromomethane	1.64	94	49678	63.201	ug/l	99
6) Chloroethane	1.70	64	62367	63.784	ug/l	97
7) Trichlorofluoromethane	1.92	101	148863	71.143	ug/l	98
8) Diethyl Ether	2.19	74	66893	70.896	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107777	84.565	ug/l	99
10) Methyl Iodide	2.51	142	157307	94.865	ug/l	99
11) Tert butyl alcohol	3.09	59	141049	368.797	ug/l	100
12) 1,1-Dichloroethene	2.37	96	103947	83.732	ug/l	97
13) Acrolein	2.29	56	120441	601.859	ug/l	99
14) Allyl chloride	2.72	41	188637	73.405	ug/l	99
15) Acrylonitrile	3.15	53	333420	359.900	ug/l	96
16) Acetone	2.45	43	328981	421.924	ug/l	99
17) Carbon Disulfide	2.56	76	298730	83.670	ug/l	99
18) Methyl Acetate	2.78	43	146928	65.158	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	366398	82.062	ug/l	92
20) Methylene Chloride	2.86	84	119036	79.140	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	113270	83.901	ug/l	95
22) Diisopropyl ether	3.88	45	371021	78.312	ug/l	94
23) Vinyl Acetate	3.82	43	1523582	374.852	ug/l	100
24) 1,1-Dichloroethane	3.70	63	204406	76.199	ug/l	99
25) 2-Butanone	4.71	43	595200	483.624	ug/l	100
26) 2,2-Dichloropropane	4.58	77	139634	82.860	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	132481	88.869	ug/l	99
28) Bromochloromethane	5.02	49	102789	91.655	ug/l	98
29) Tetrahydrofuran	5.17	42	306335	401.058	ug/l	100
30) Chloroform	5.22	83	215734	86.952	ug/l	98
31) Cyclohexane	5.57	56	196205	93.718	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	186113	91.632	ug/l	100
36) 1,1-Dichloropropene	5.80	75	166355	93.590	ug/l	100
37) Ethyl Acetate	4.87	43	179790	82.813	ug/l	99
38) Carbon Tetrachloride	5.78	117	169596	98.978	ug/l	93

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201293	106.355	ug/l	97
40) Benzene	6.15	78	503547	94.076	ug/l	99
41) Methacrylonitrile	5.07	41	99825	83.074	ug/l	99
42) 1,2-Dichloroethane	6.20	62	167033	88.766	ug/l	100
43) Isopropyl Acetate	6.47	43	287732	90.949	ug/l	100
44) Trichloroethene	7.21	130	135738	94.854	ug/l	98
45) 1,2-Dichloropropane	7.52	63	130861	94.302	ug/l	98
46) Dibromomethane	7.67	93	84637	94.292	ug/l	99
47) Bromodichloromethane	7.90	83	164616	98.200	ug/l	99
48) Methyl methacrylate	7.78	41	150688	93.842	ug/l	100
49) 1,4-Dioxane	7.76	88	69119	1916.307	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1213587	544.583	ug/l	100
52) Toluene	8.79	92	320955	96.462	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	188030	101.287	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	201873	99.080	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	130038	94.767	ug/l	98
56) Ethyl methacrylate	9.18	69	206236	101.523	ug/l	100
57) 1,3-Dichloropropane	9.38	76	215086	93.510	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	521053	507.757	ug/l	100
59) 2-Hexanone	9.50	43	946832	554.533	ug/l	100
60) Dibromochloromethane	9.59	129	137662	105.236	ug/l	99
61) 1,2-Dibromoethane	9.68	107	137860	96.240	ug/l	99
64) Tetrachloroethene	9.34	164	131023	96.639	ug/l	99
65) Chlorobenzene	10.14	112	363388	96.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	132908	100.660	ug/l	99
67) Ethyl Benzene	10.26	91	624902	99.935	ug/l	99
68) m/p-Xylenes	10.36	106	489074	203.457	ug/l	99
69) o-Xylene	10.70	106	235807	101.395	ug/l	100
70) Styrene	10.71	104	401185	102.584	ug/l	100
71) Bromoform	10.86	173	115194	109.486	ug/l #	100
73) Isopropylbenzene	11.02	105	628536	98.076	ug/l	100
74) N-amyl acetate	6.47	43	287732	85.647	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	209457	87.273	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	245499	122.583	ug/l	84
77) Bromobenzene	11.26	156	170861	95.953	ug/l	98
78) n-propylbenzene	11.37	91	731805	99.263	ug/l	99
79) 2-Chlorotoluene	11.42	91	424716	93.715	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	542497	99.643	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	65563	101.971	ug/l	97
82) 4-Chlorotoluene	11.51	91	507872	95.198	ug/l	100
83) tert-Butylbenzene	11.77	119	540315	101.442	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	559571	99.680	ug/l	100
85) sec-Butylbenzene	11.95	105	638300	101.658	ug/l	100
86) p-Isopropyltoluene	12.07	119	585157	103.303	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	320288	97.124	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	325421	94.848	ug/l	100
89) n-Butylbenzene	12.39	91	513075	101.318	ug/l	100
90) Hexachloroethane	12.60	117	94575	108.479	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	324786	96.138	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48868	97.272	ug/l	99

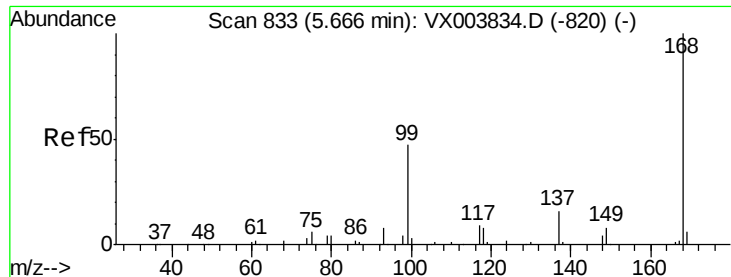
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080318\
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Quant Title : SW846 8260
QLast Update : Fri Aug 03 01:37:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	247676	102.778	ug/l	99
94) Hexachlorobutadiene	13.79	225	112094	103.077	ug/l	98
95) Naphthalene	13.83	128	751395	103.122	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	250984	102.353	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

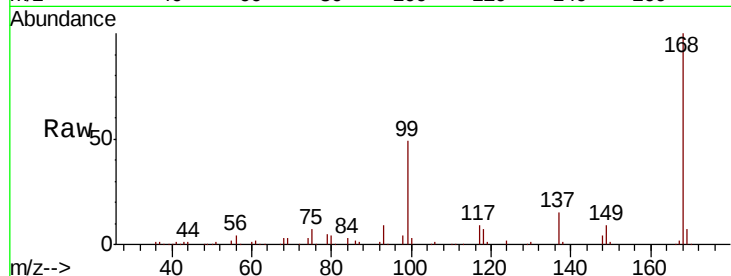
VSTDIC100

Tgt Ion:168 Resp: 109790

Ion Ratio Lower Upper

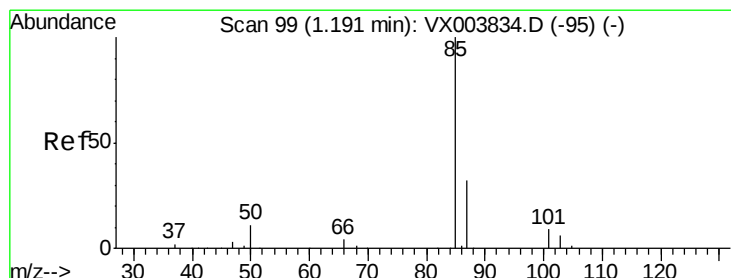
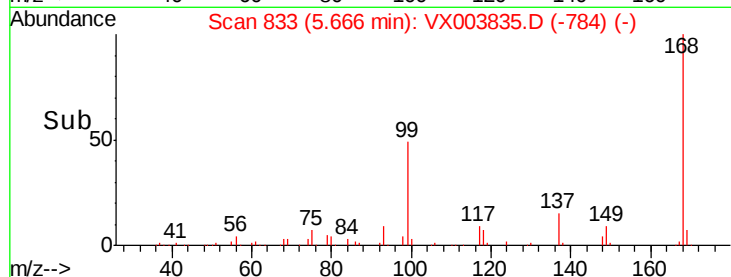
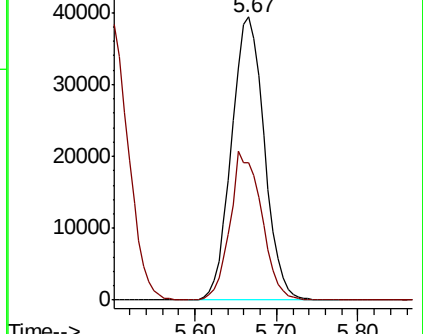
168 100

99 48.6 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 91.436 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003835.D

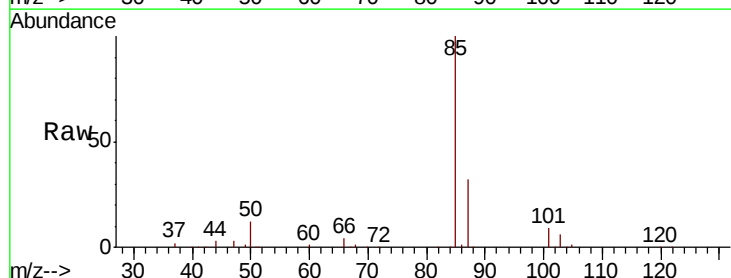
Acq: 02 Aug 2018 20:42

Tgt Ion: 85 Resp: 110857

Ion Ratio Lower Upper

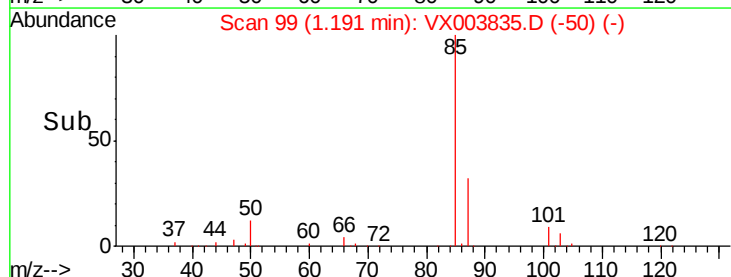
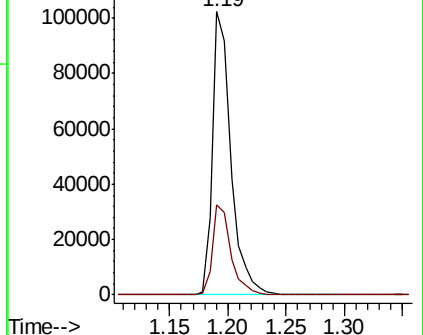
85 100

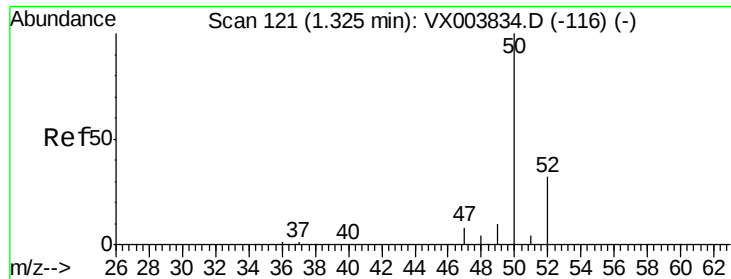
87 31.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

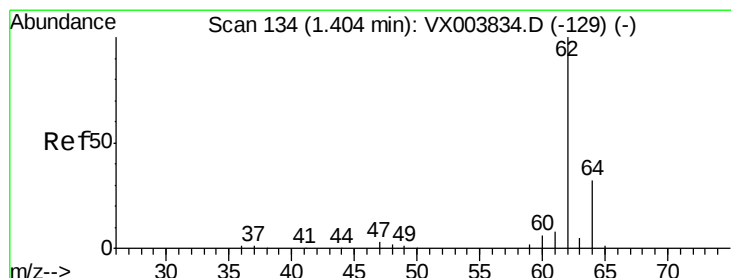
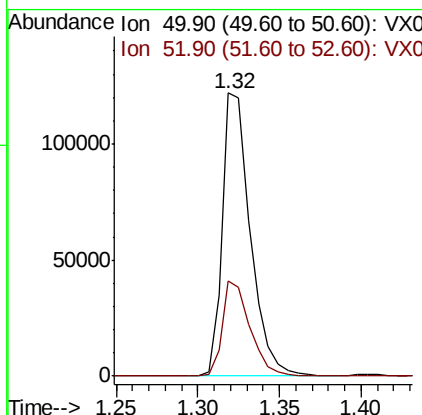
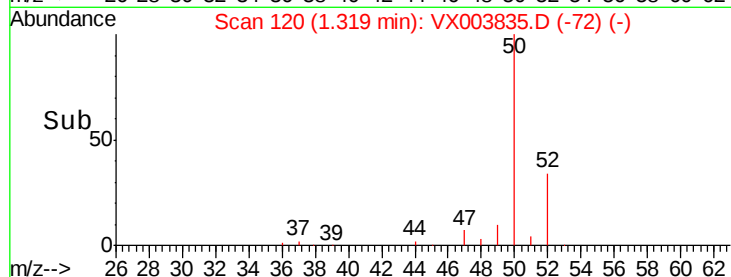
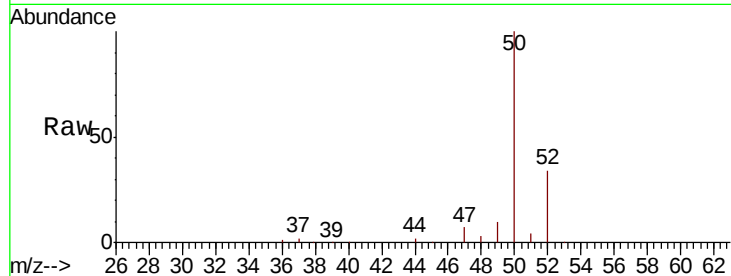




#3
Chloromethane
Concen: 87.670 ug/l
RT: 1.32 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

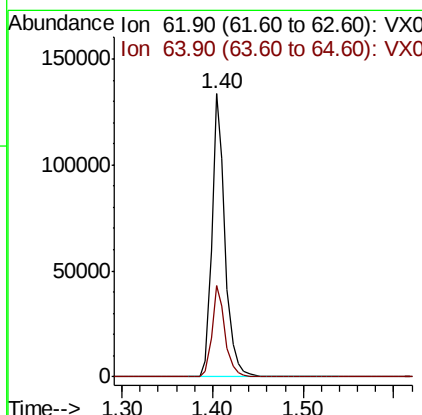
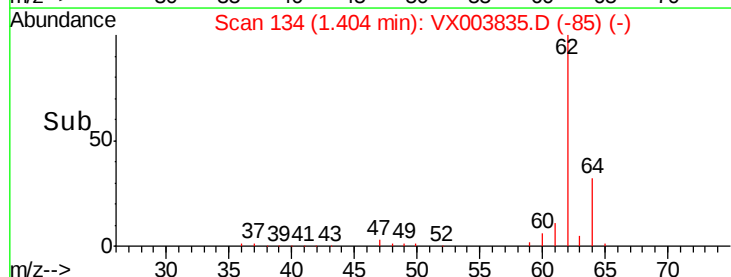
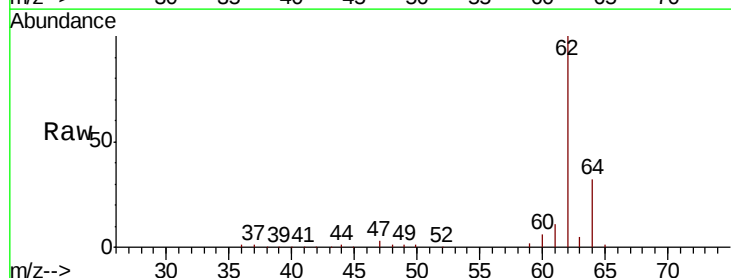
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

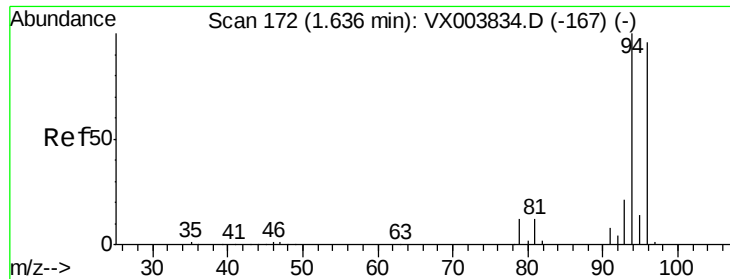
Tgt Ion: 50 Resp: 146447
Ion Ratio Lower Upper
50 100
52 33.7 25.8 38.8



#4
Vinyl Chloride
Concen: 83.094 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

Tgt Ion: 62 Resp: 136302
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9

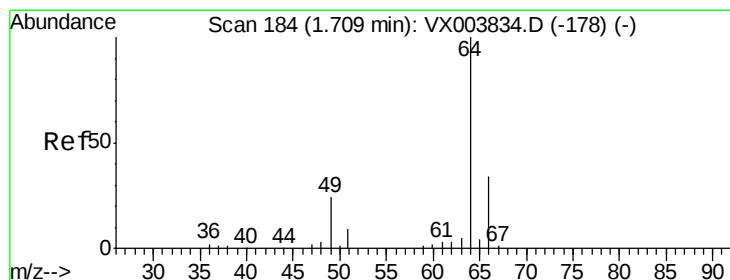
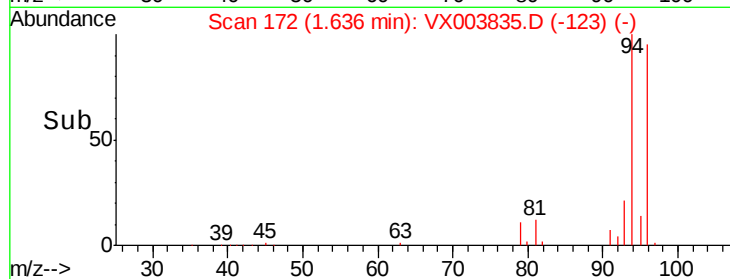
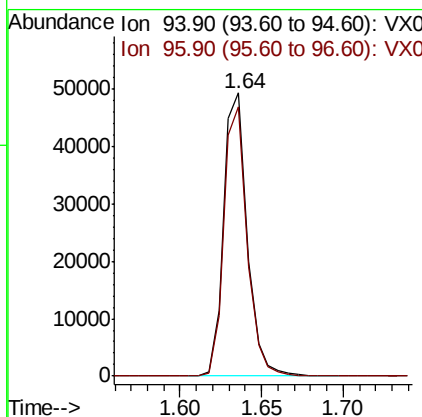
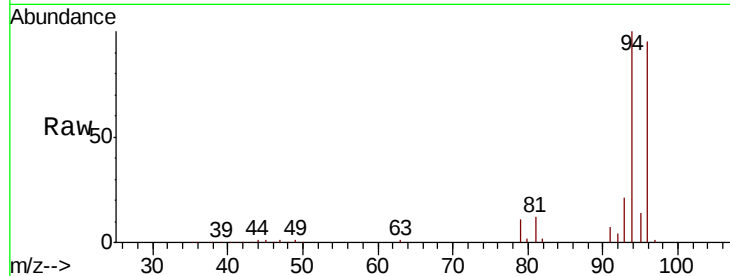




#5
Bromomethane
Concen: 63.201 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

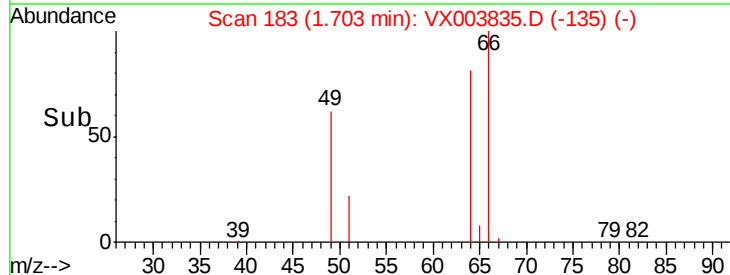
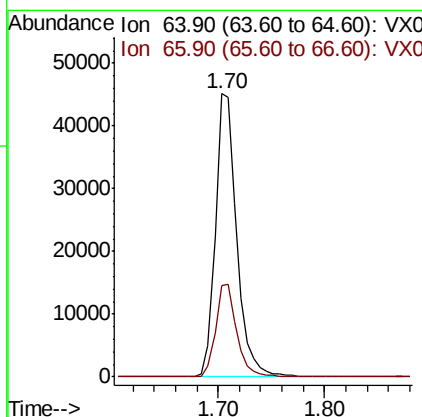
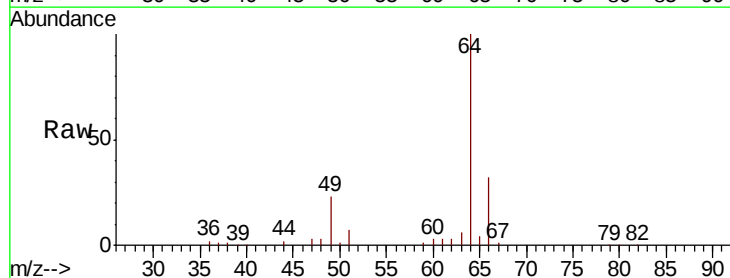
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

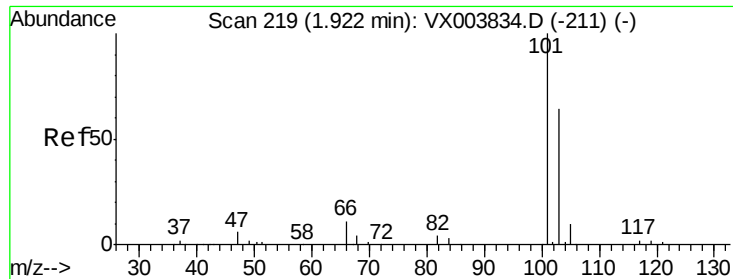
Tgt Ion: 94 Resp: 49678
Ion Ratio Lower Upper
94 100
96 95.0 76.9 115.3



#6
Chloroethane
Concen: 63.784 ug/l
RT: 1.70 min Scan# 183
Delta R.T. -0.01 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

Tgt Ion: 64 Resp: 62367
Ion Ratio Lower Upper
64 100
66 32.5 27.2 40.8





#7

Trichlorofluoromethane

Concen: 71.143 ug/l

RT: 1.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

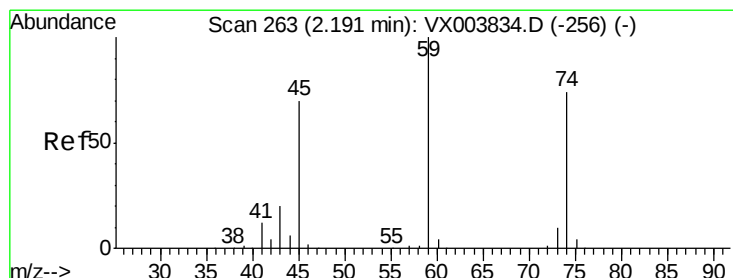
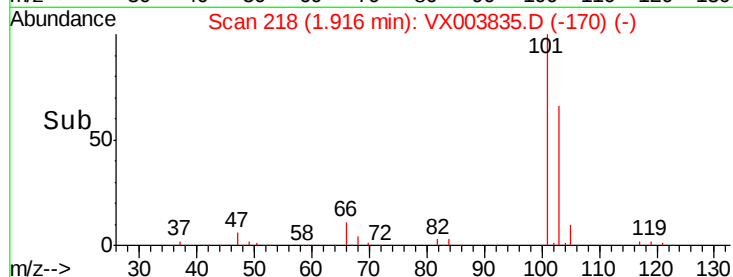
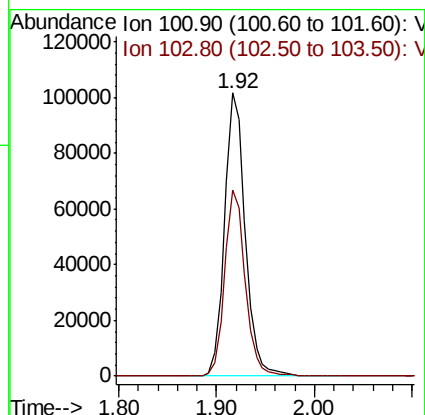
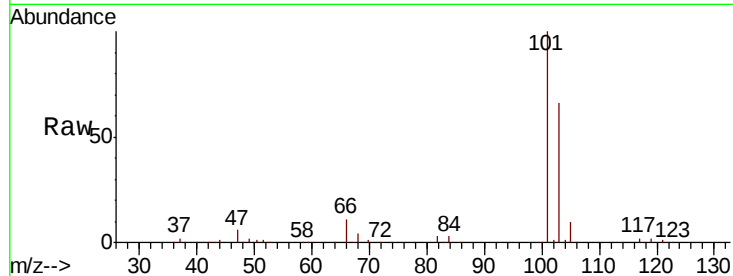
VSTDICC100

Tgt Ion:101 Resp: 148863

Ion Ratio Lower Upper

101 100

103 65.7 51.4 77.0



#8

Diethyl Ether

Concen: 70.896 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003835.D

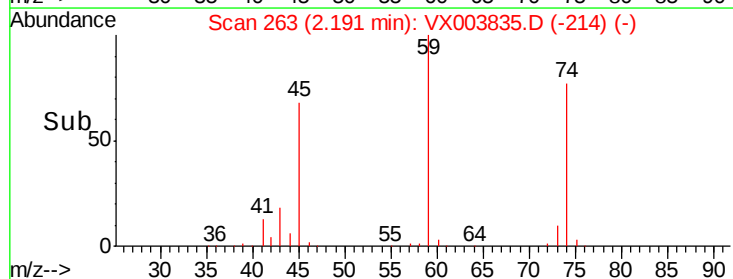
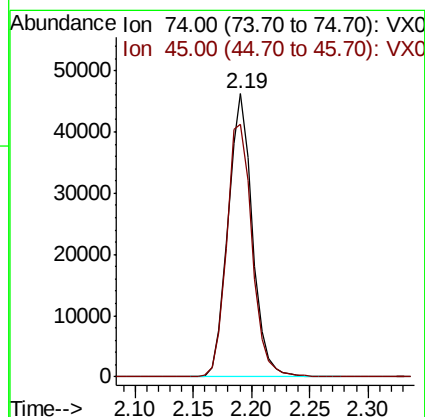
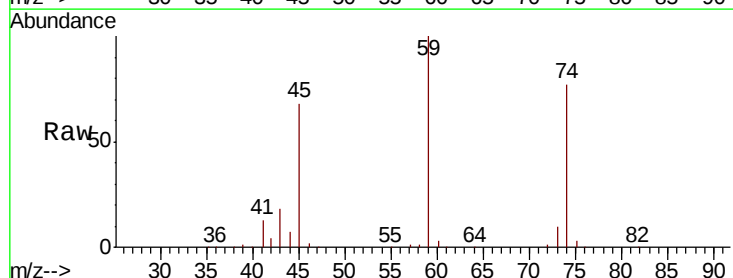
Acq: 02 Aug 2018 20:42

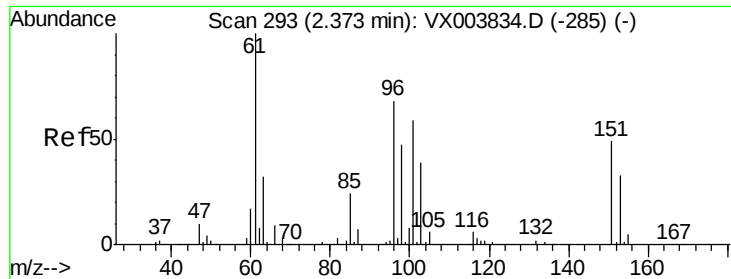
Tgt Ion: 74 Resp: 66893

Ion Ratio Lower Upper

74 100

45 94.5 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 84.565 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

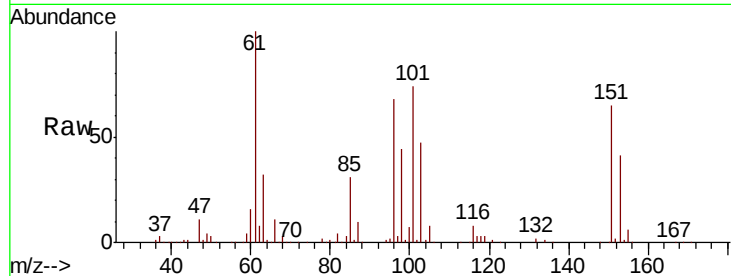
Tgt Ion:101 Resp: 107777

Ion Ratio Lower Upper

101 100

85 41.7 33.6 50.4

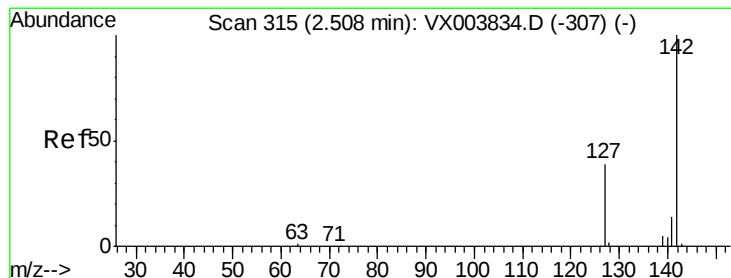
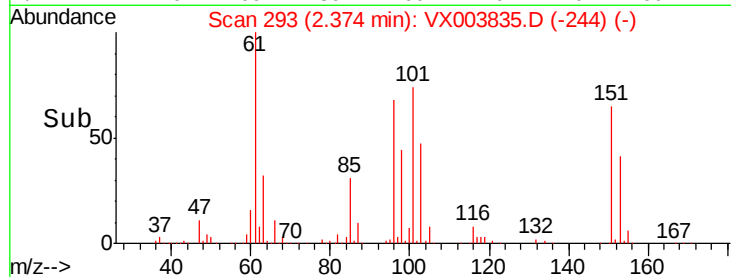
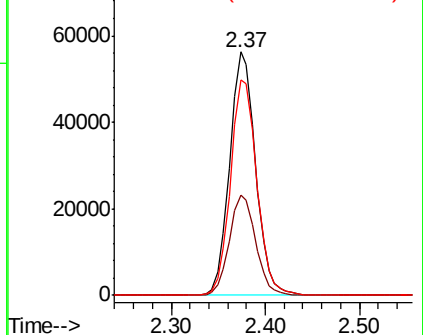
151 89.7 71.0 106.4



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: 94.865 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

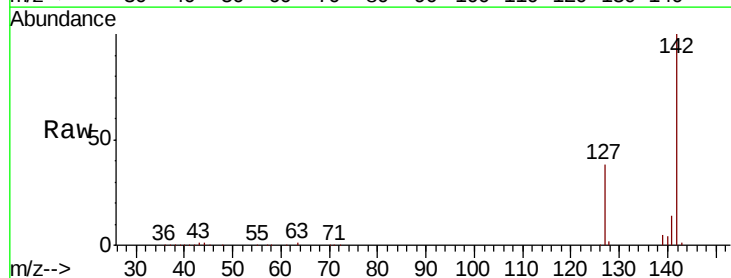
Tgt Ion:142 Resp: 157307

Ion Ratio Lower Upper

142 100

127 39.3 31.8 47.8

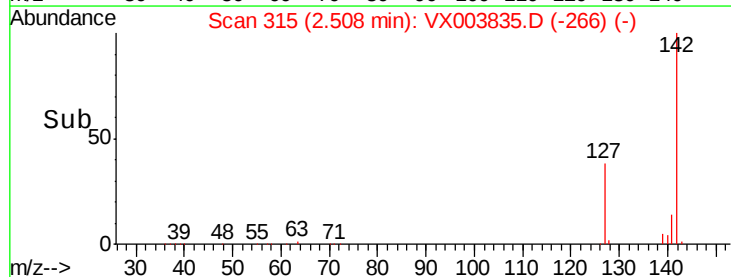
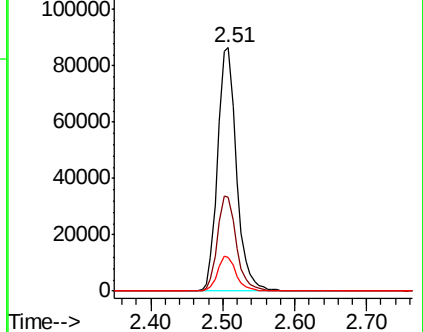
141 14.1 11.3 16.9

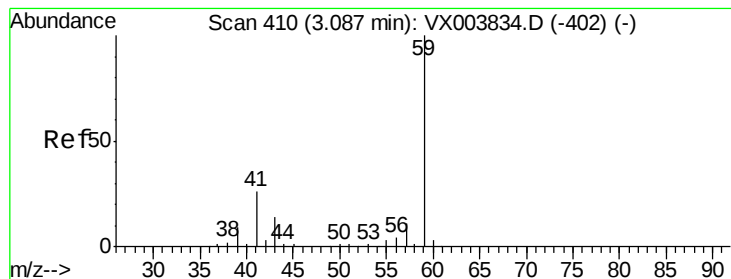


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



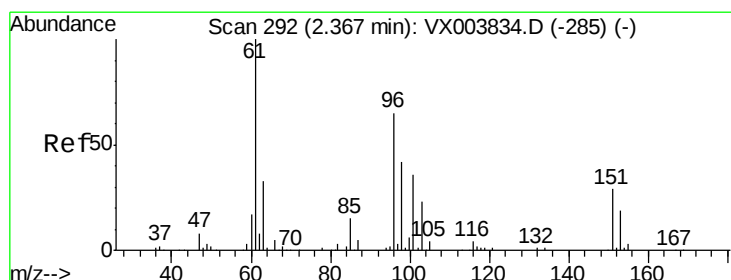
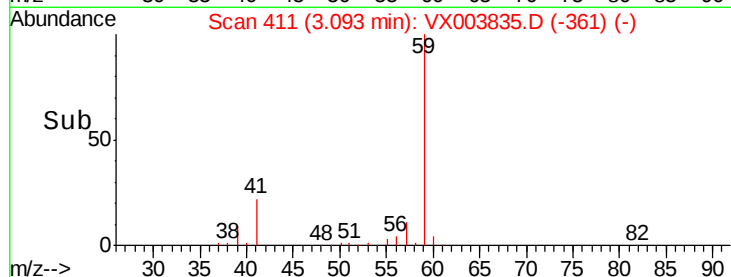
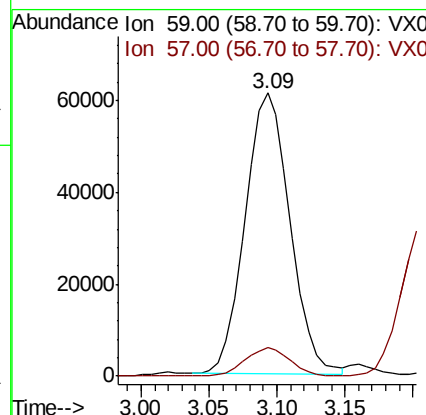
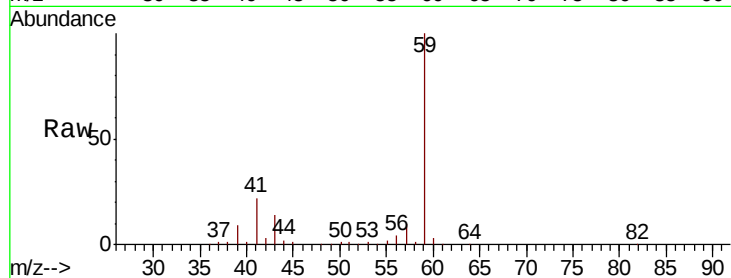


#11

Tert butyl alcohol
 Concen: 368.797 ug/l
 RT: 3.09 min Scan# 411
 Delta R.T. 0.01 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

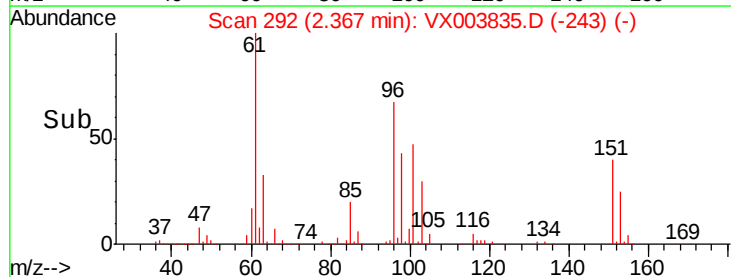
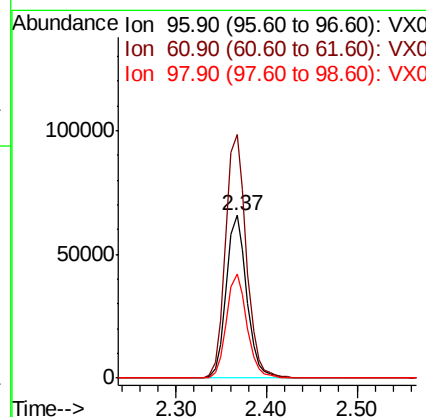
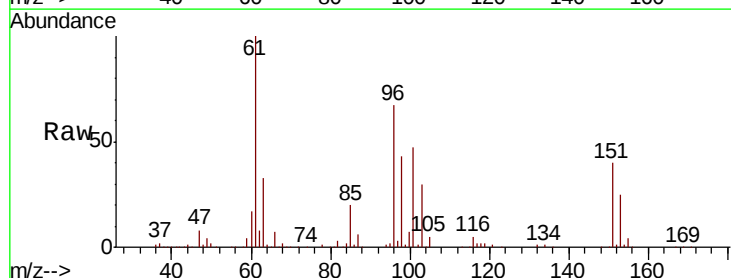
Tgt Ion: 59 Resp: 141049
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

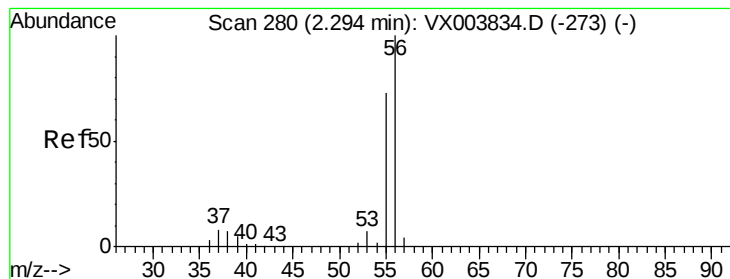


#12

1,1-Dichloroethene
 Concen: 83.732 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion: 96 Resp: 103947
 Ion Ratio Lower Upper
 96 100
 61 149.4 122.8 184.2
 98 63.7 51.8 77.8





#13

Acrolein

Concen: 601.859 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

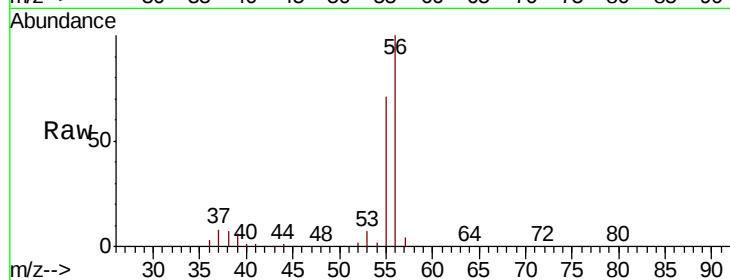
VSTDIC100

Tgt Ion: 56 Resp: 120441

Ion Ratio Lower Upper

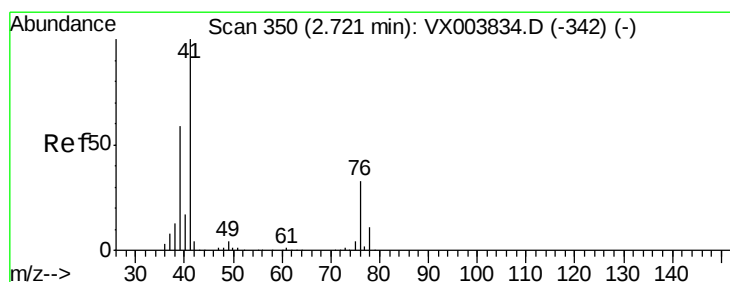
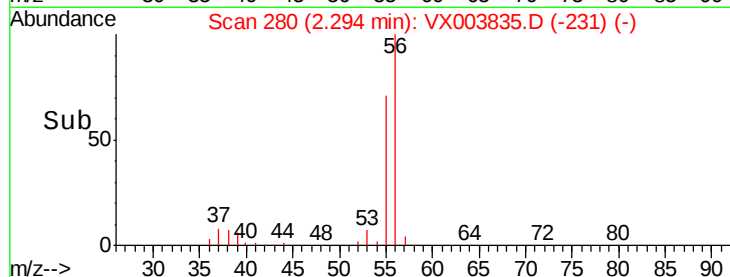
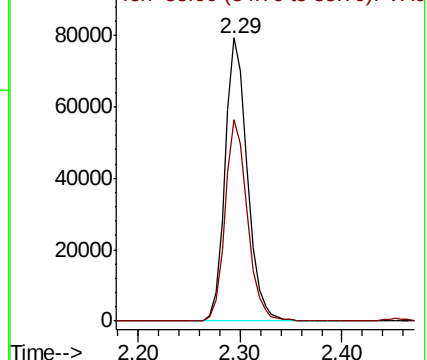
56 100

55 71.1 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 73.405 ug/l

RT: 2.72 min Scan# 350

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

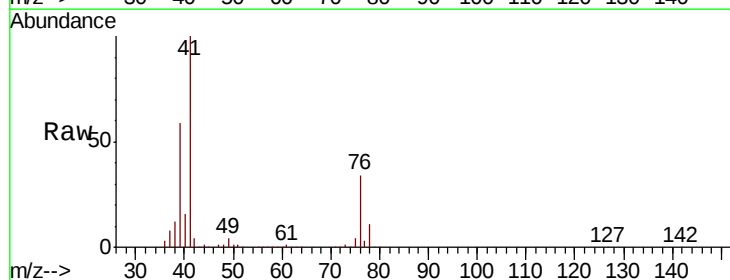
Tgt Ion: 41 Resp: 188637

Ion Ratio Lower Upper

41 100

39 57.6 46.1 69.1

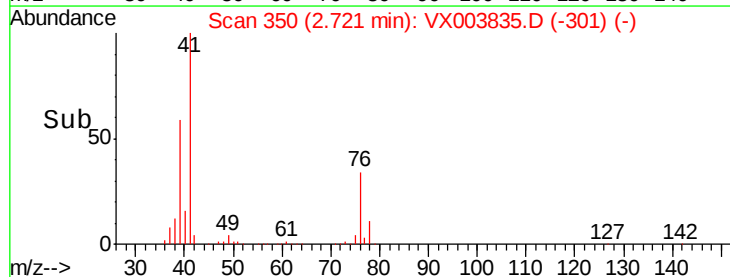
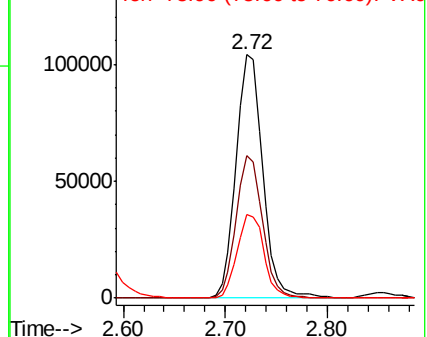
76 34.5 26.8 40.2

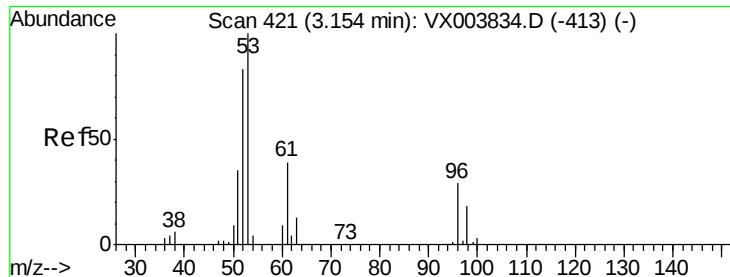


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 359.900 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

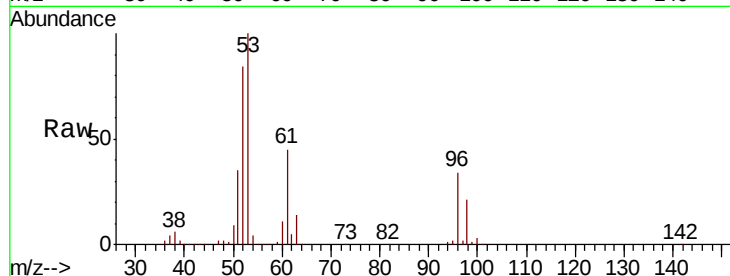
Tgt Ion: 53 Resp: 333420

Ion Ratio Lower Upper

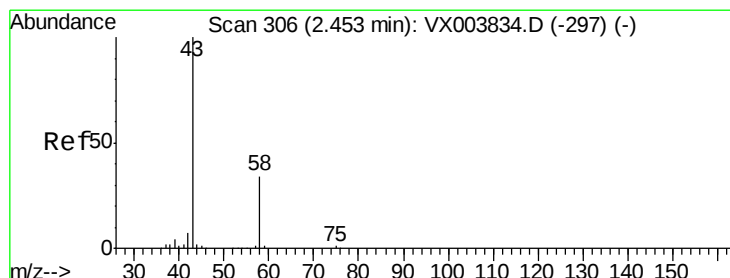
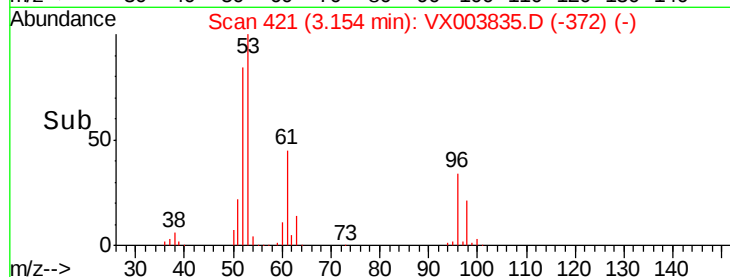
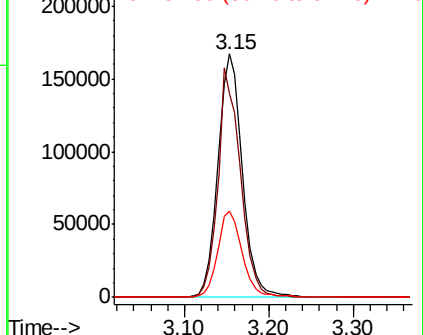
53 100

52 87.3 65.9 98.9

51 35.9 28.6 43.0



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: 421.924 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003835.D

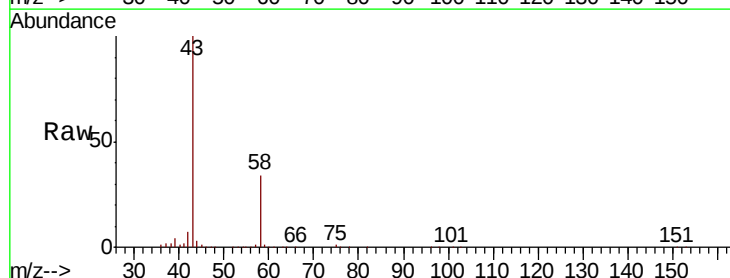
Acq: 02 Aug 2018 20:42

Tgt Ion: 43 Resp: 328981

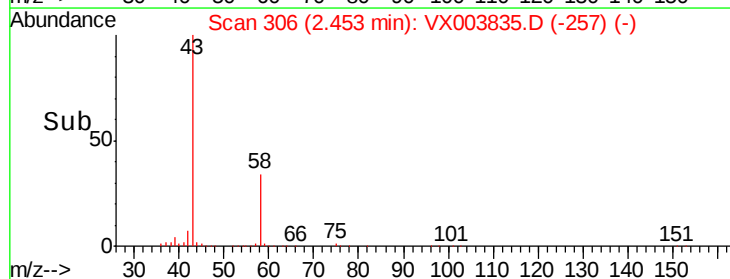
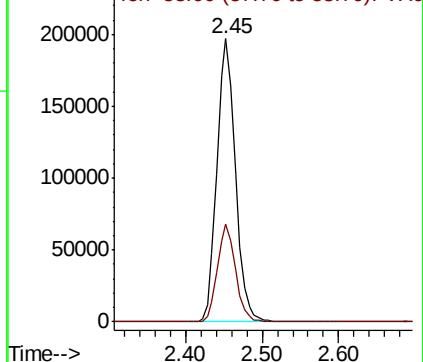
Ion Ratio Lower Upper

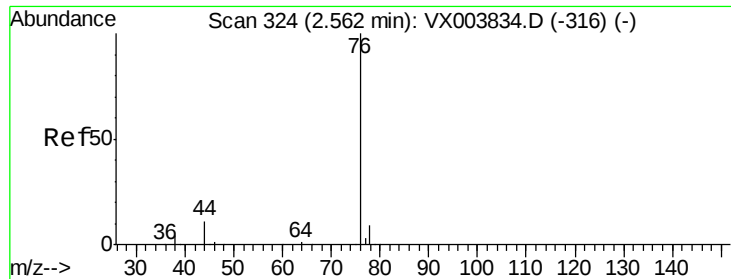
43 100

58 34.4 27.0 40.4



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

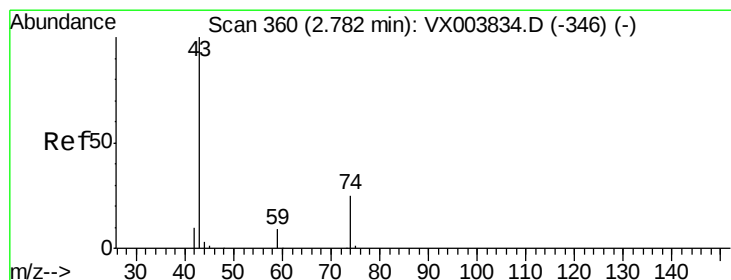
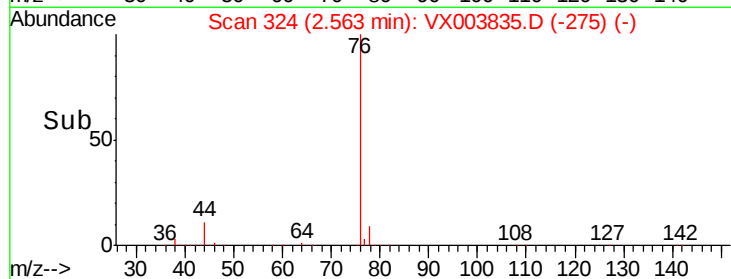
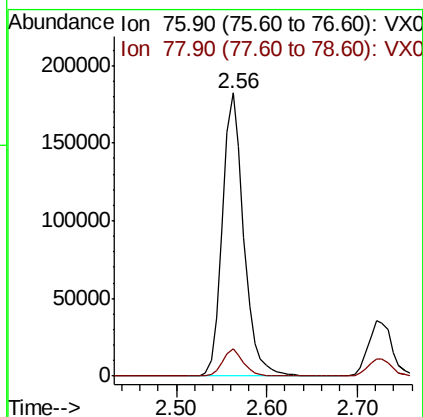
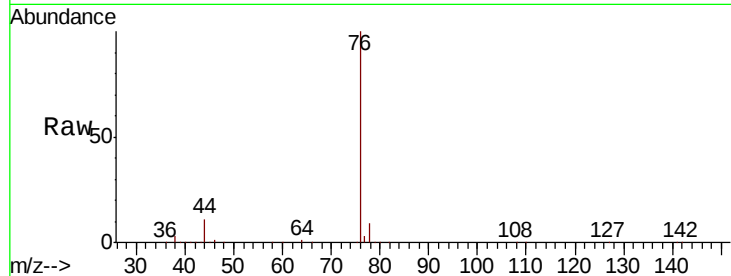




#17
Carbon Disulfide
Concen: 83.670 ug/l
RT: 2.56 min Scan# 324
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

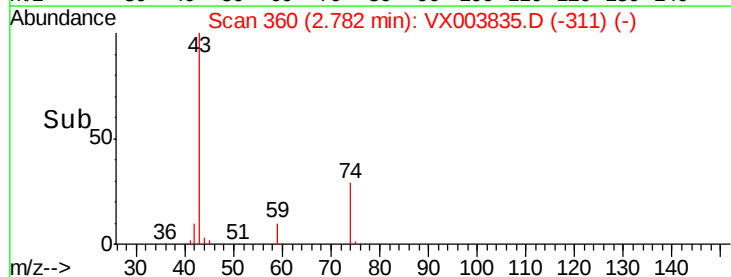
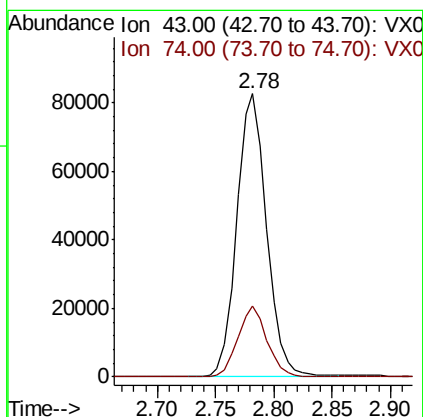
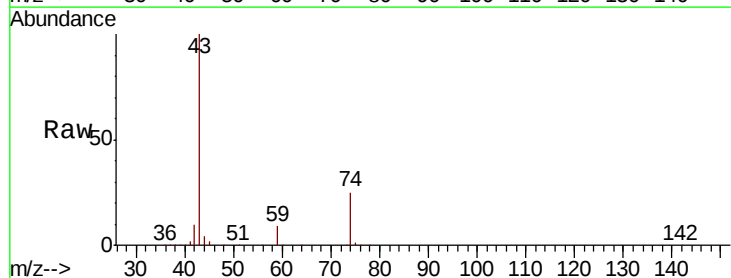
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

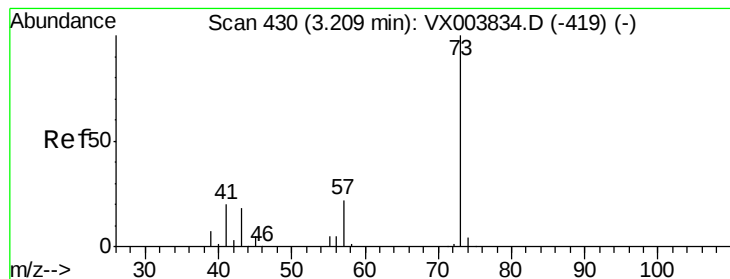
Tgt Ion: 76 Resp: 298730
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 65.158 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

Tgt Ion: 43 Resp: 146928
Ion Ratio Lower Upper
43 100
74 24.7 19.2 28.8



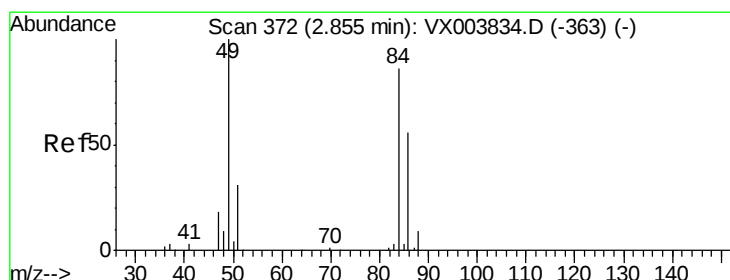
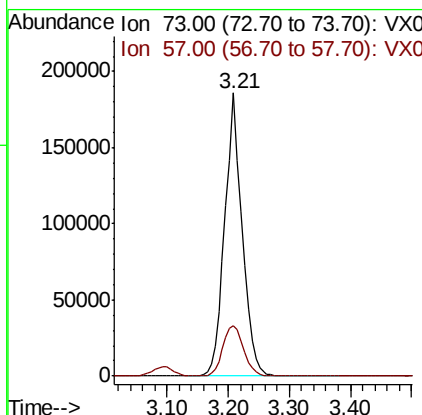
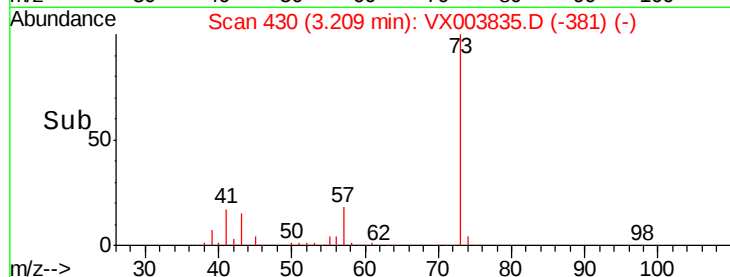
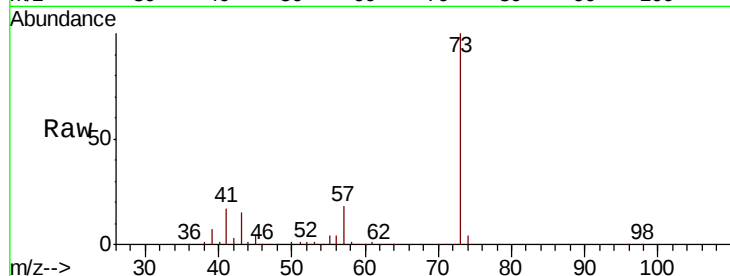


#19

Methyl tert-butyl Ether
 Concen: 82.062 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

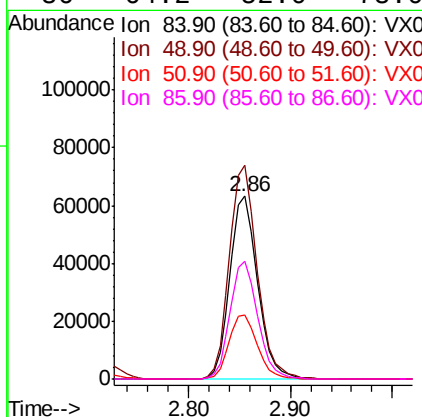
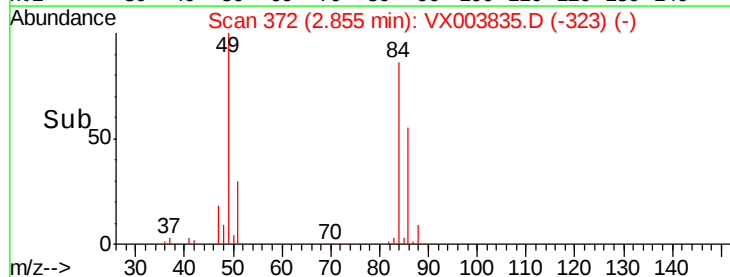
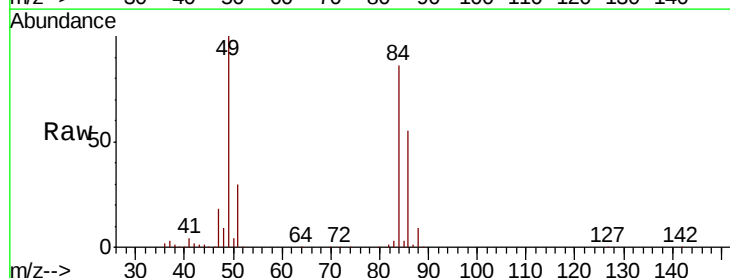
Tgt Ion: 73 Resp: 366398
 Ion Ratio Lower Upper
 73 100
 57 17.9 17.5 26.3

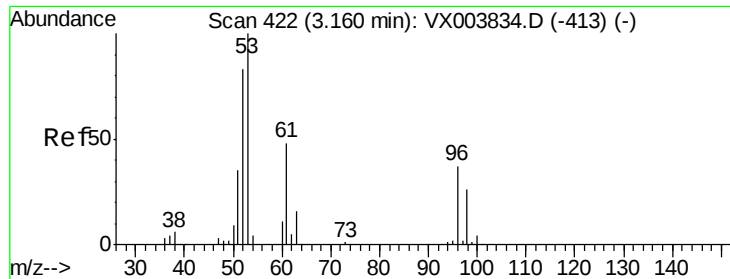


#20

Methylene Chloride
 Concen: 79.140 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion: 84 Resp: 119036
 Ion Ratio Lower Upper
 84 100
 49 116.9 93.2 139.8
 51 35.1 29.2 43.8
 86 64.2 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 83.901 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

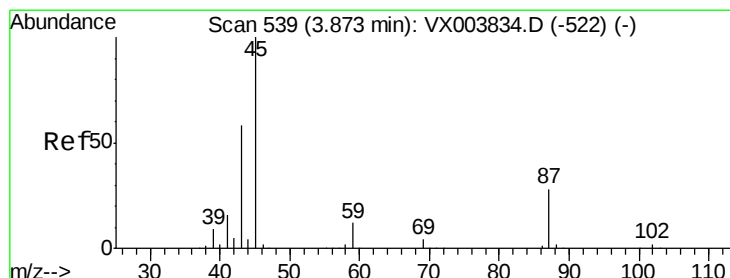
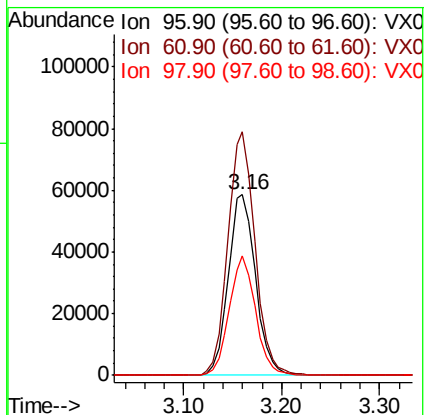
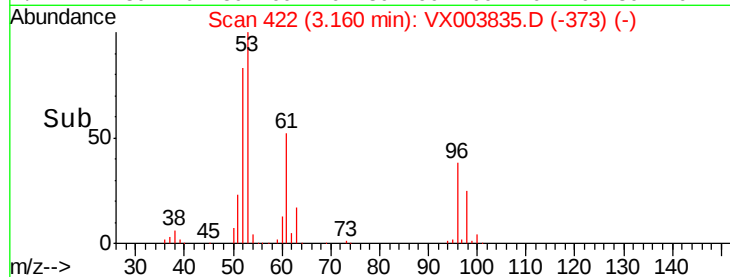
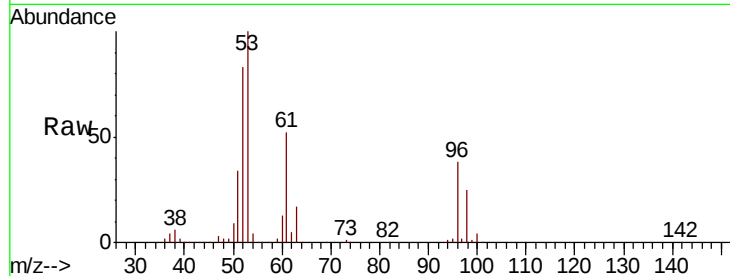
Tgt Ion: 96 Resp: 113270

Ion Ratio Lower Upper

96 100

61 134.9 104.2 156.4

98 66.1 57.0 85.6



#22

Diisopropyl ether

Concen: 78.312 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Tgt Ion: 45 Resp: 371021

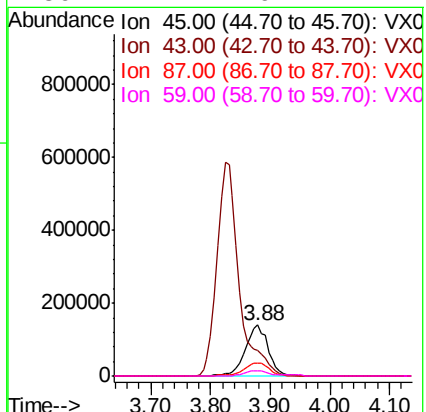
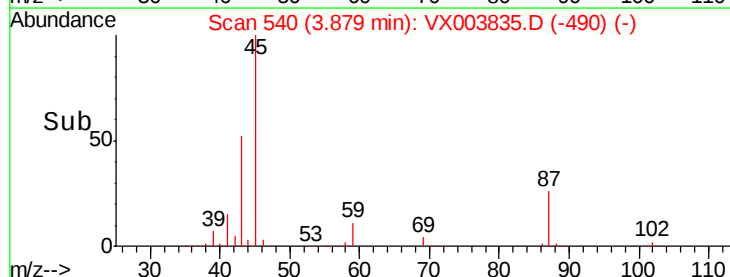
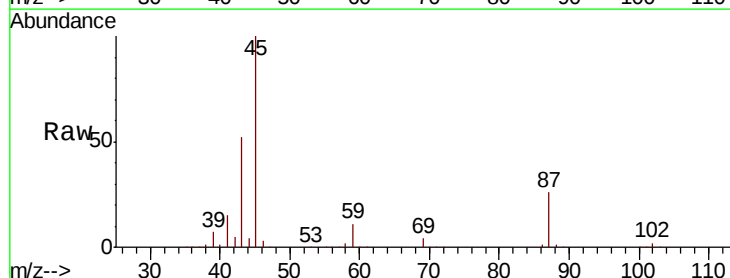
Ion Ratio Lower Upper

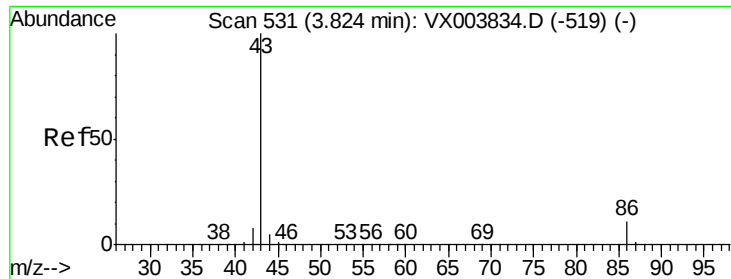
45 100

43 51.5 46.4 69.6

87 26.4 22.4 33.6

59 11.1 9.4 14.2





#23

Vinyl Acetate

Concen: 374.852 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

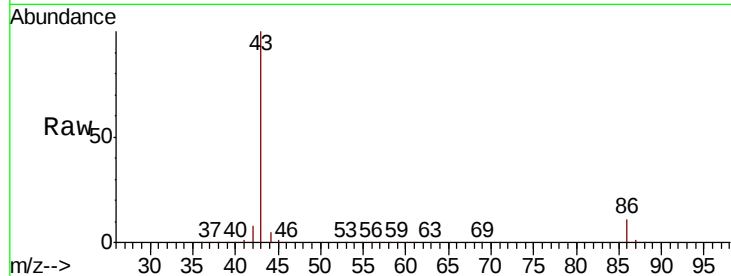
VSTDIC100

Tgt Ion: 43 Resp: 1523582

Ion Ratio Lower Upper

43 100

86 10.9 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

600000

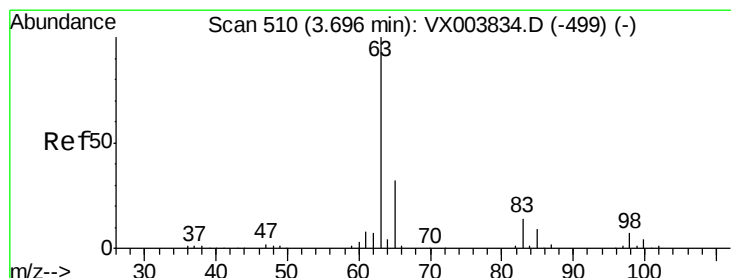
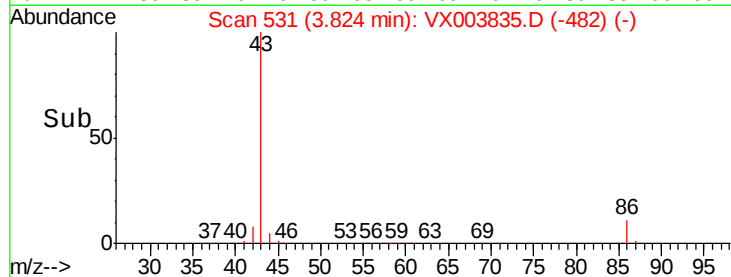
400000

200000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 76.199 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

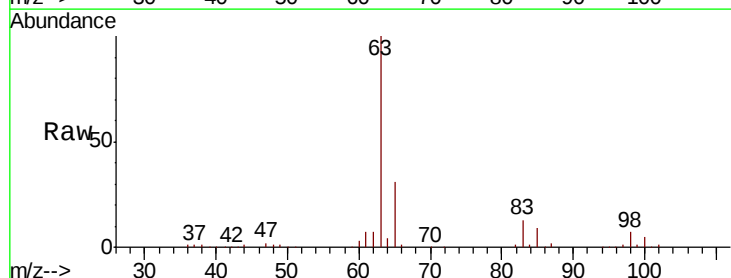
Tgt Ion: 63 Resp: 204406

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.8 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

100000

80000

60000

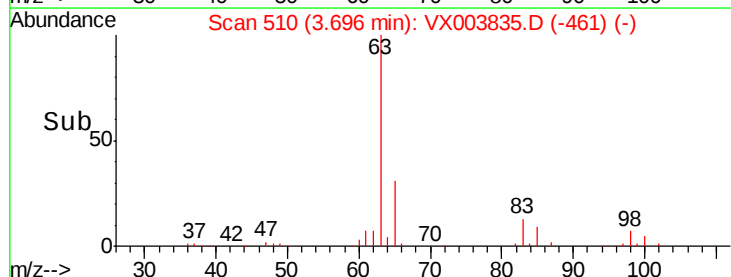
40000

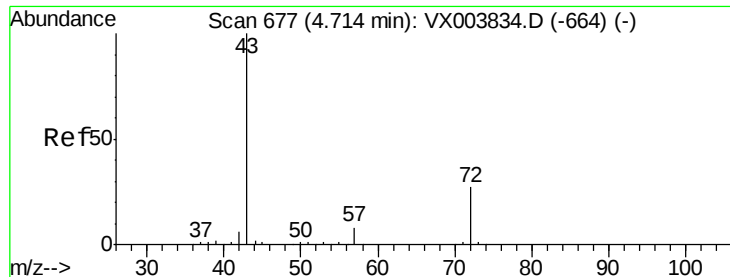
20000

0

3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 483.624 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

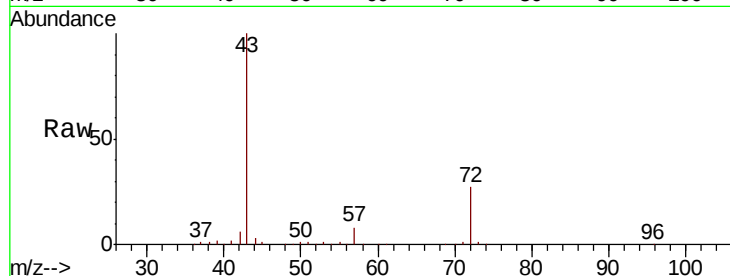
VSTDIC100

Tgt Ion: 43 Resp: 595200

Ion Ratio Lower Upper

43 100

72 27.1 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

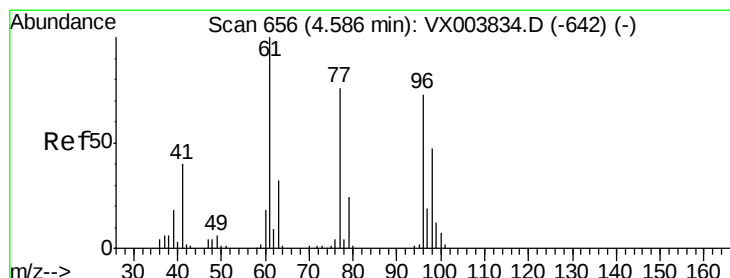
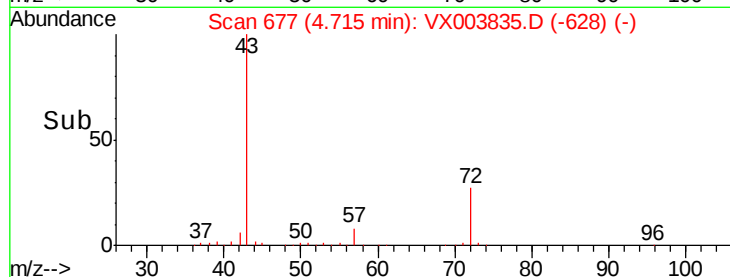
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 82.860 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003835.D

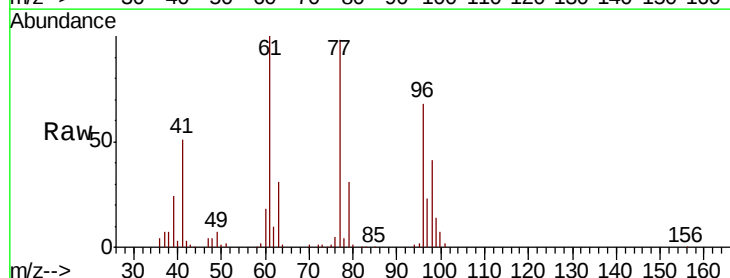
Acq: 02 Aug 2018 20:42

Tgt Ion: 77 Resp: 139634

Ion Ratio Lower Upper

77 100

97 25.1 12.8 38.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

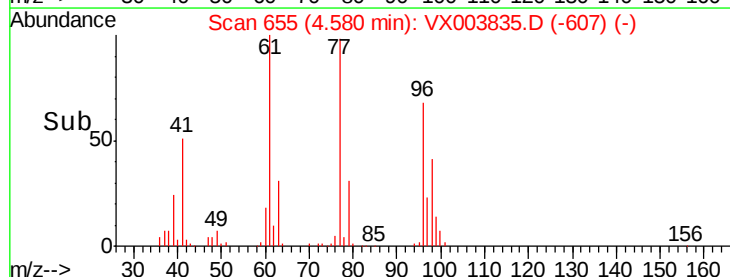
20000

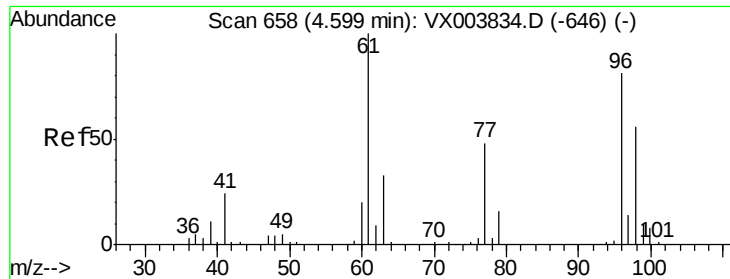
10000

0

4.40 4.50 4.60 4.70

Time-->



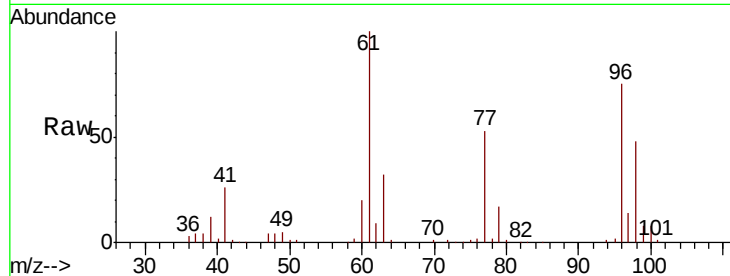


#27

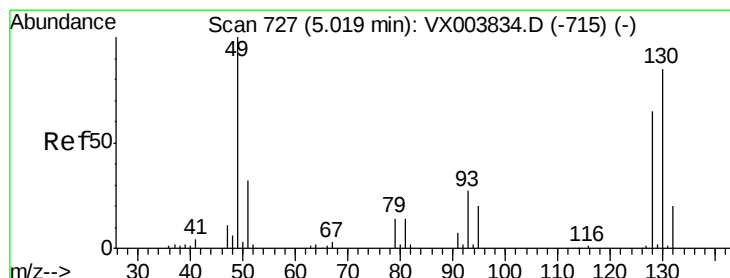
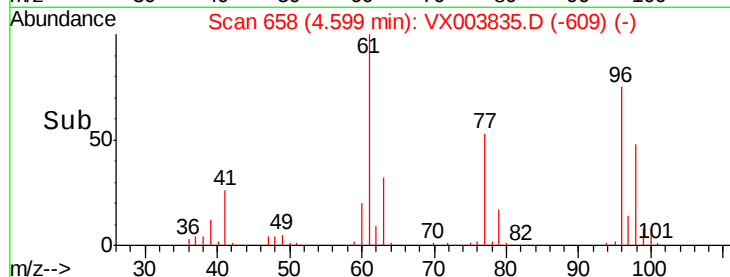
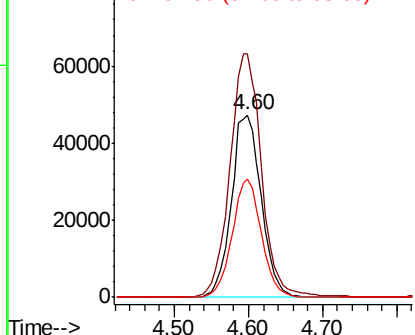
cis-1,2-Dichloroethene
 Concen: 88.869 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 132481
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 283.6
 98 63.5 0.0 130.0



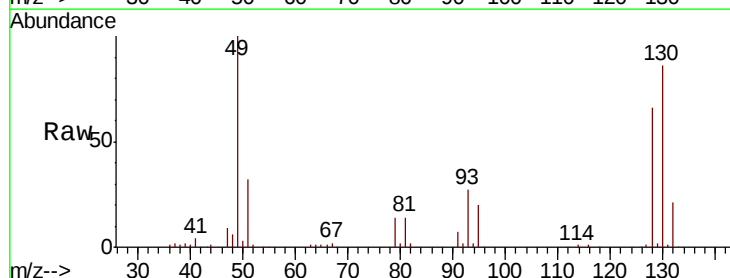
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



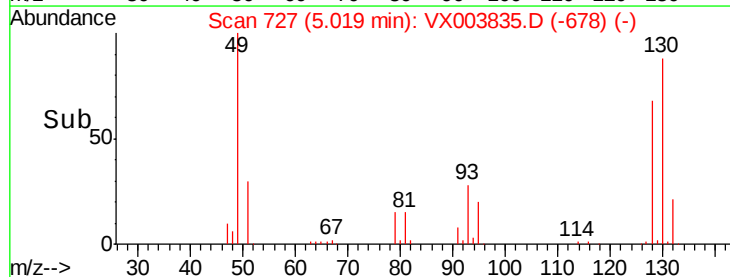
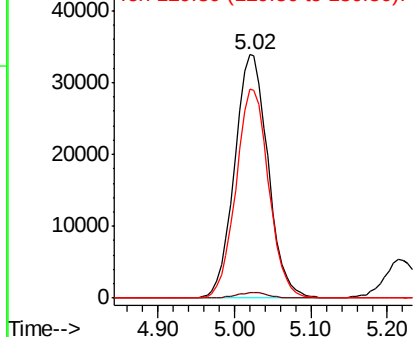
#28

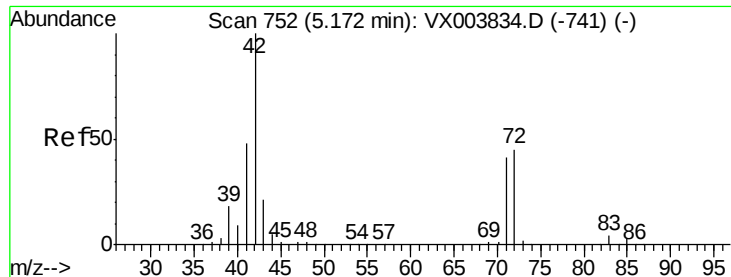
Bromochloromethane
 Concen: 91.655 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion: 49 Resp: 102789
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 84.2 68.9 103.3



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: 401.058 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

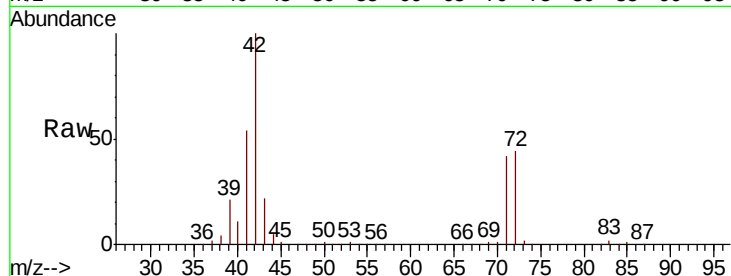
Tgt Ion: 42 Resp: 306335

Ion Ratio Lower Upper

42 100

72 45.4 36.1 54.1

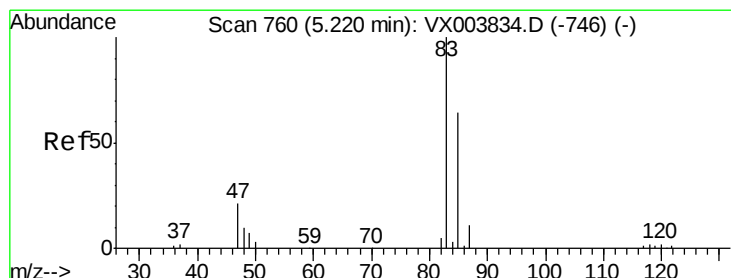
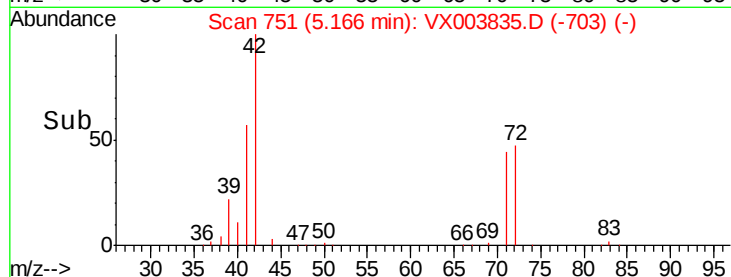
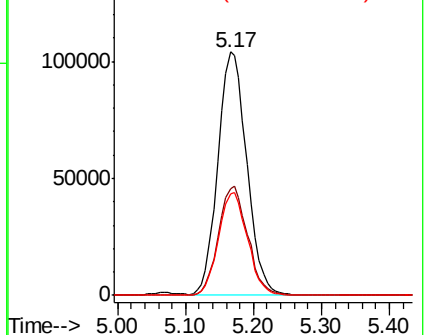
71 42.4 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 86.952 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003835.D

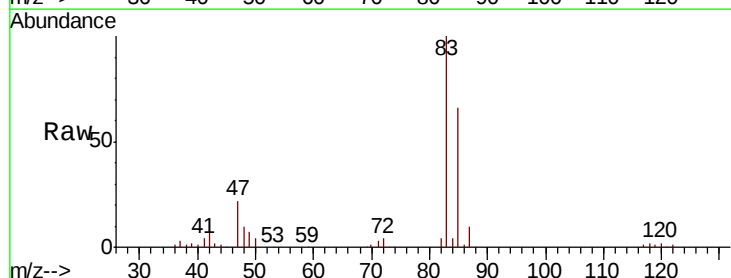
Acq: 02 Aug 2018 20:42

Tgt Ion: 83 Resp: 215734

Ion Ratio Lower Upper

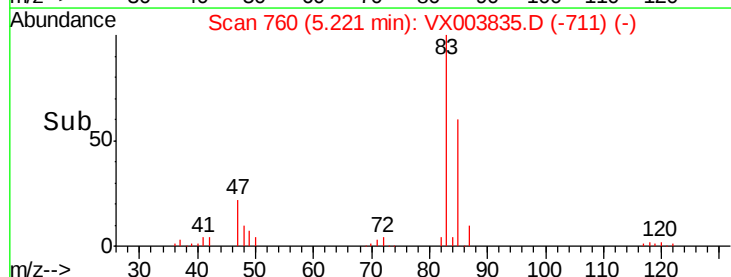
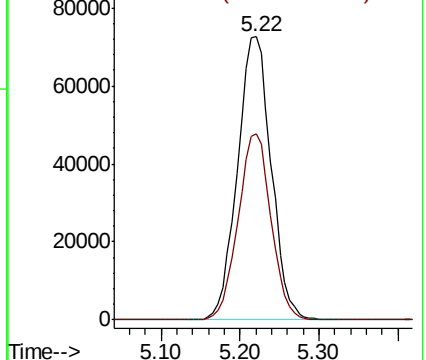
83 100

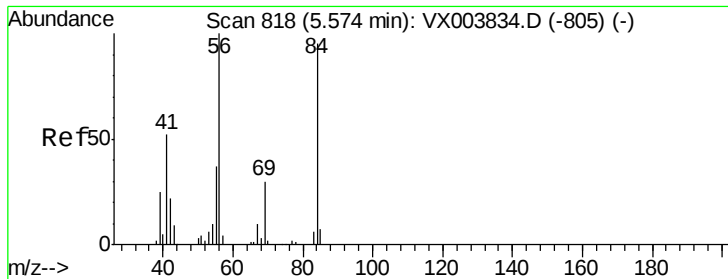
85 65.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

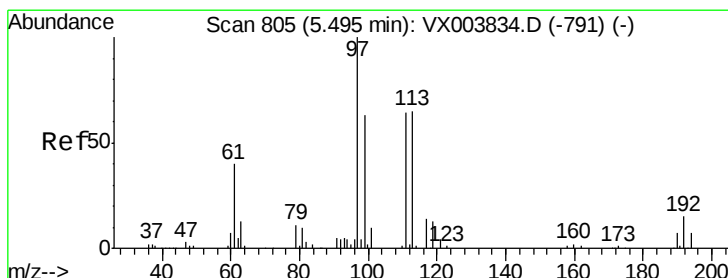
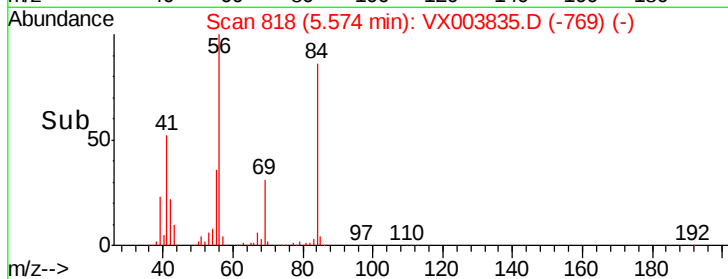
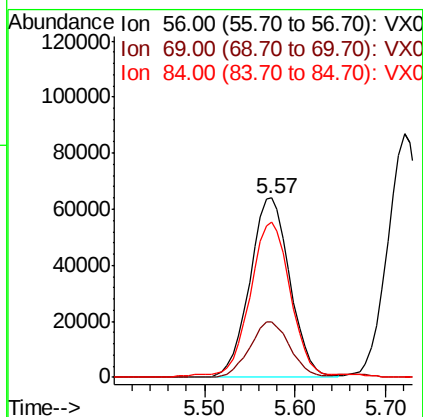
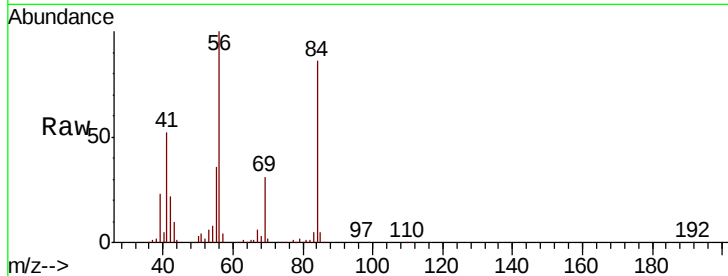




#31
Cyclohexane
Concen: 93.718 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

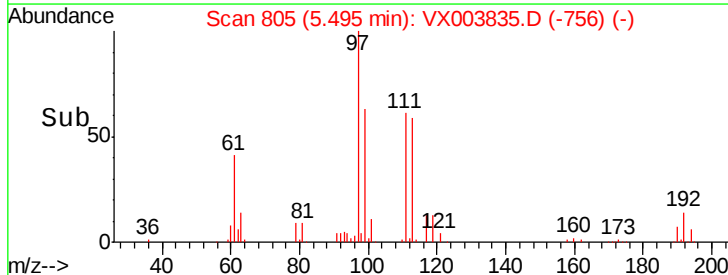
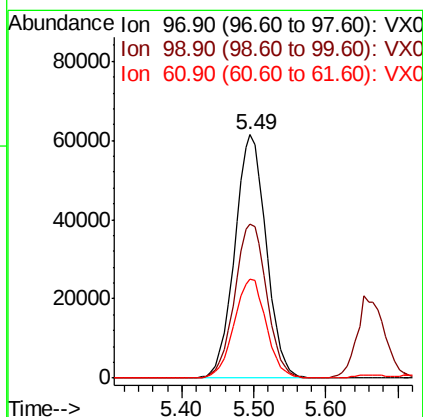
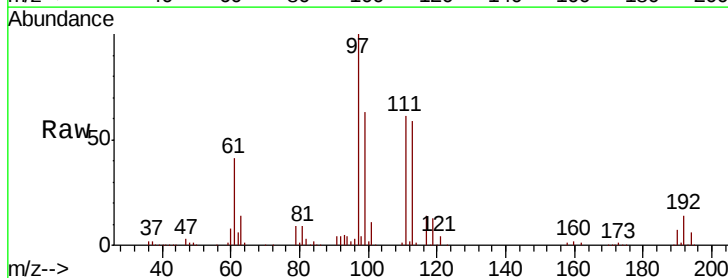
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

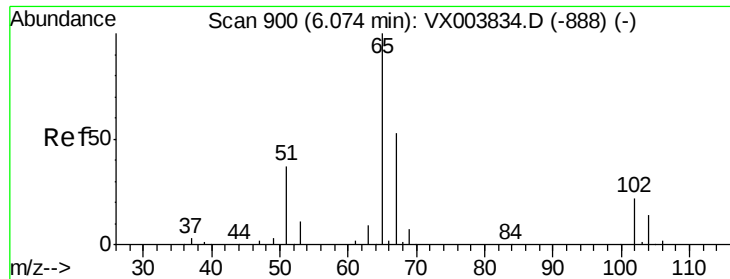
Tgt Ion: 56 Resp: 196205
Ion Ratio Lower Upper
56 100
69 30.9 23.7 35.5
84 85.3 75.7 113.5



#32
1,1,1-Trichloroethane
Concen: 91.632 ug/l
RT: 5.49 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

Tgt Ion: 97 Resp: 186113
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 41.5 33.3 49.9

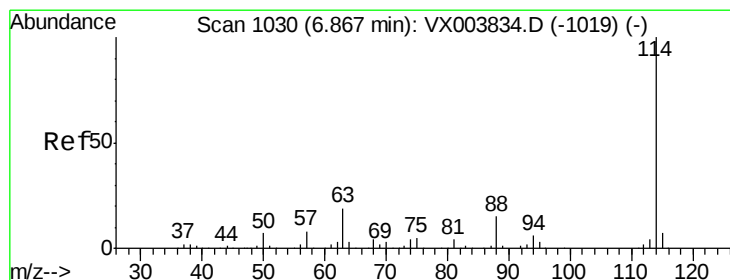
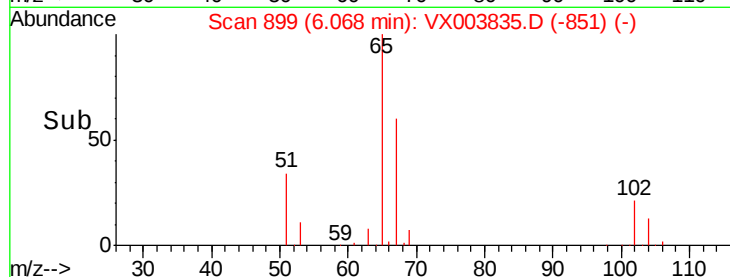
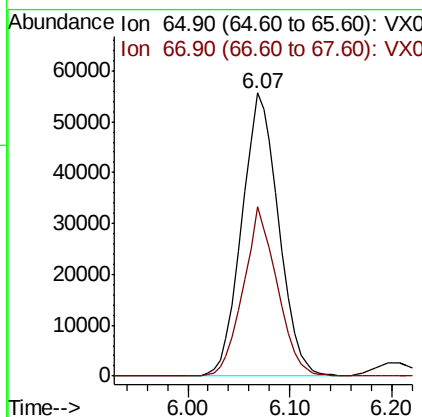
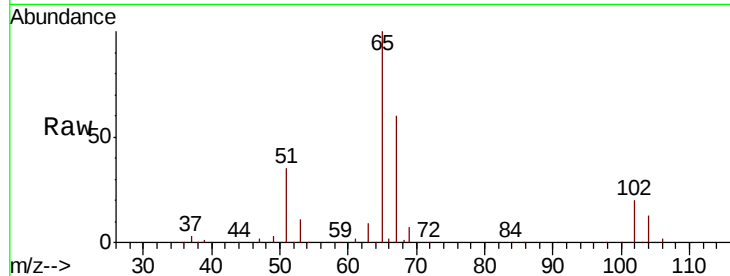




#33
 1,2-Dichloroethane-d4
 Concen: 85.370 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

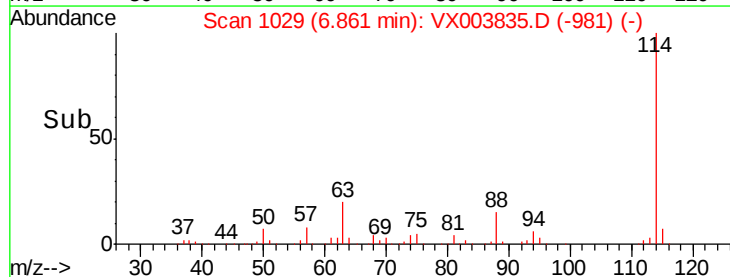
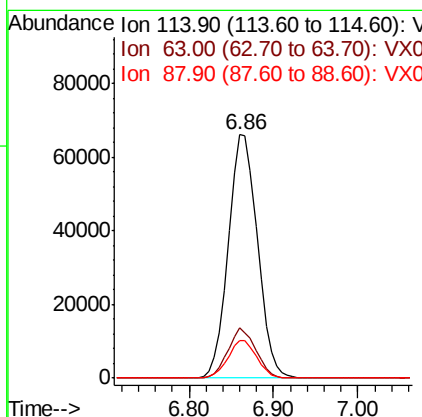
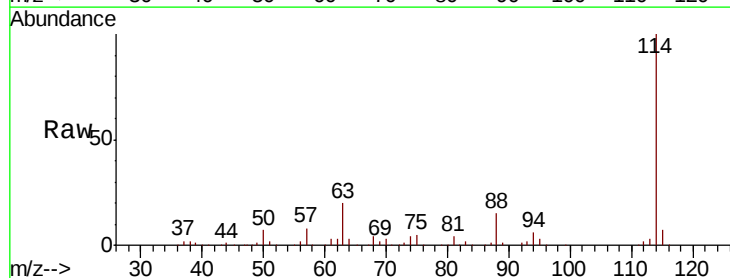
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

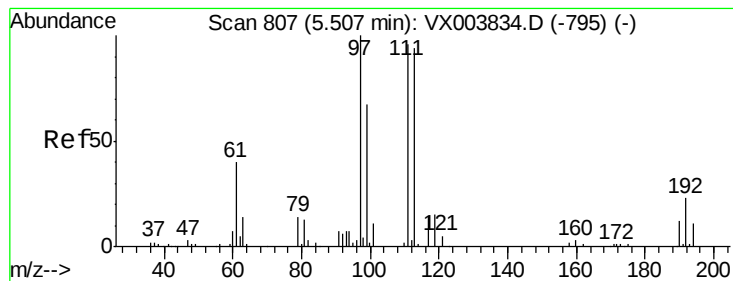
Tgt Ion: 65 Resp: 139404
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion: 114 Resp: 155500
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.2
 88 15.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 95.128 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

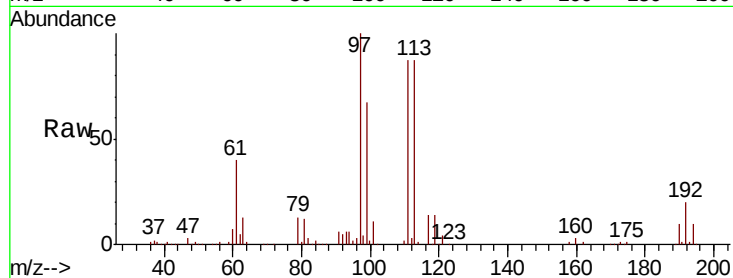
Tgt Ion:113 Resp: 120868

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

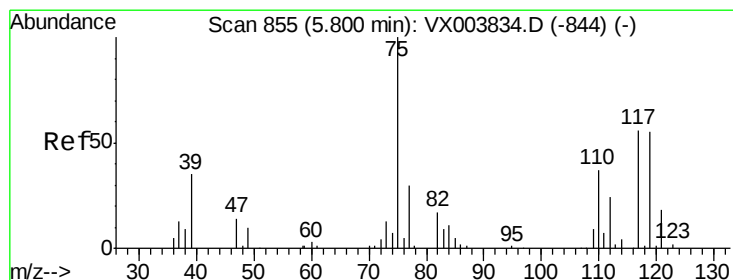
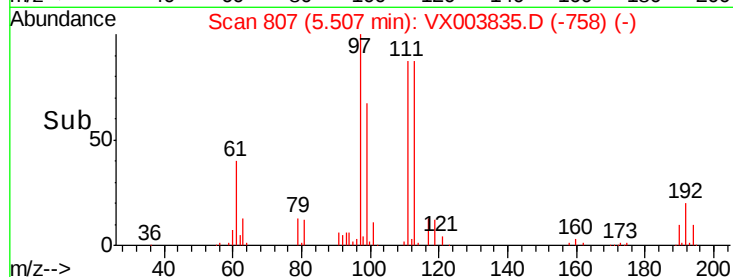
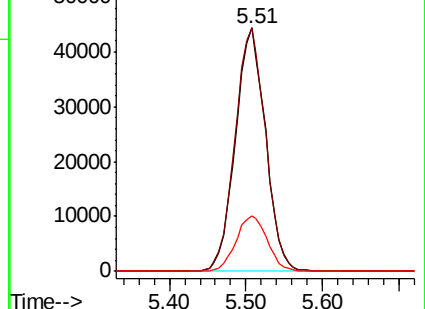
192 23.8 19.7 29.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 93.590 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

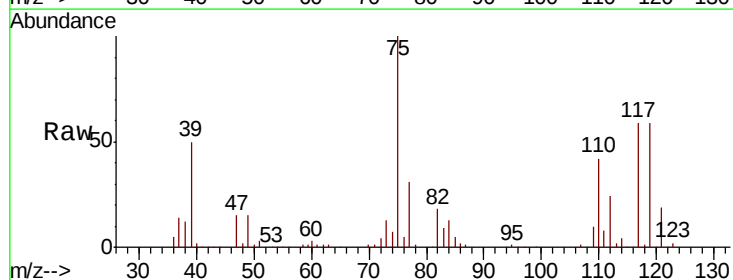
Tgt Ion: 75 Resp: 166355

Ion Ratio Lower Upper

75 100

110 37.5 18.6 55.8

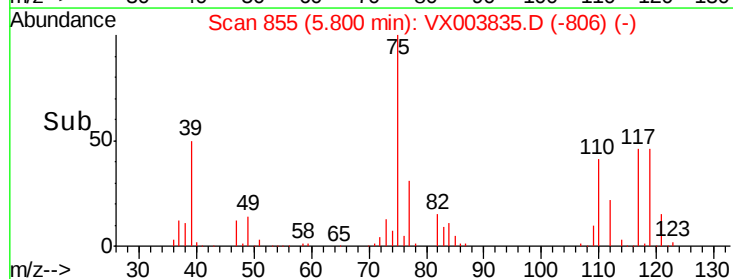
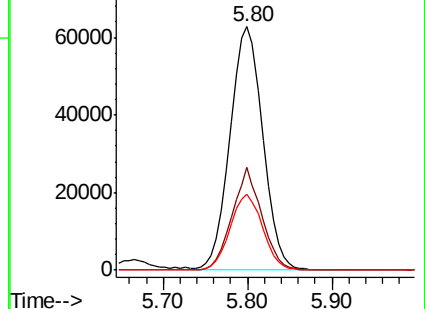
77 31.0 24.9 37.3

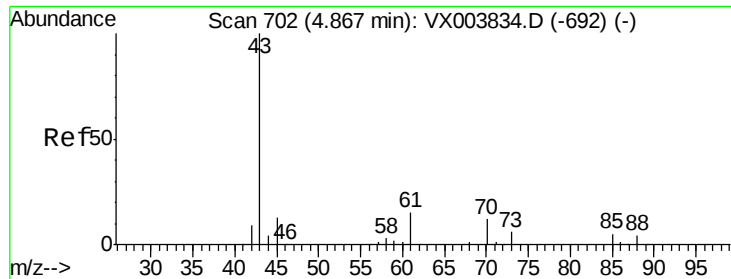


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

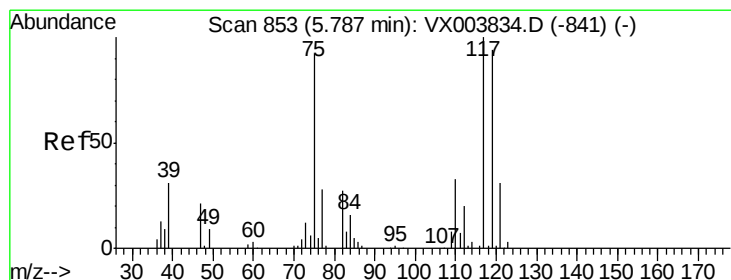
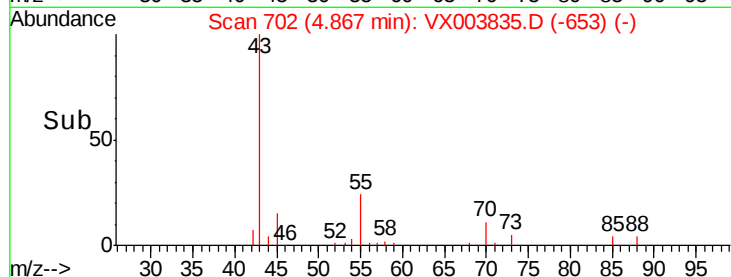
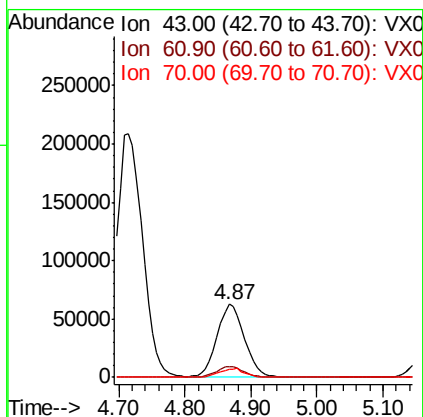
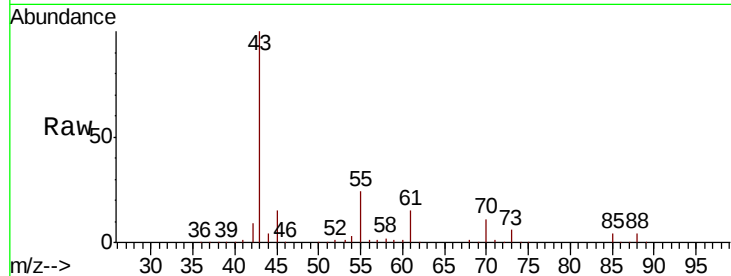




#37
 Ethyl Acetate
 Concen: 82.813 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

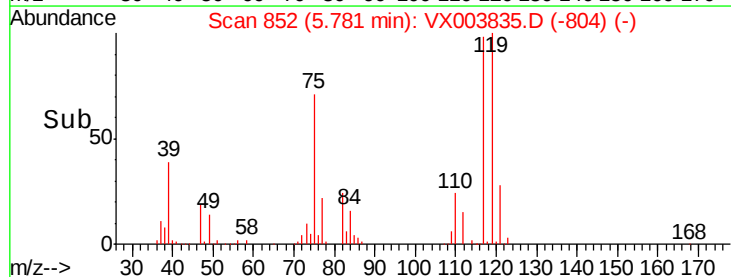
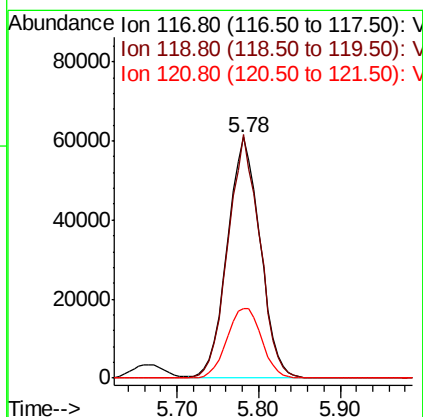
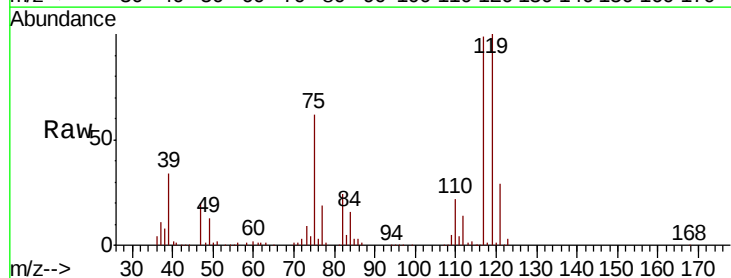
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

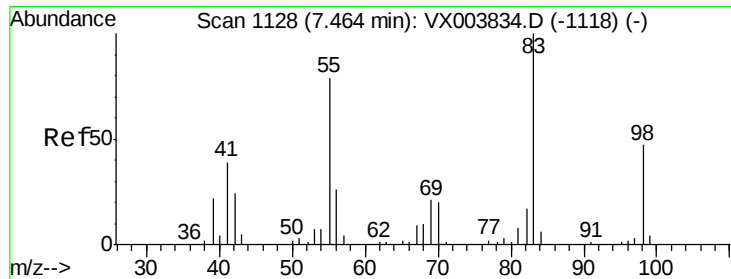
Tgt Ion: 43 Resp: 179790
 Ion Ratio Lower Upper
 43 100
 61 15.1 12.4 18.6
 70 11.3 8.9 13.3



#38
 Carbon Tetrachloride
 Concen: 98.978 ug/l
 RT: 5.78 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion: 117 Resp: 169596
 Ion Ratio Lower Upper
 117 100
 119 101.1 74.6 112.0
 121 29.0 24.4 36.6

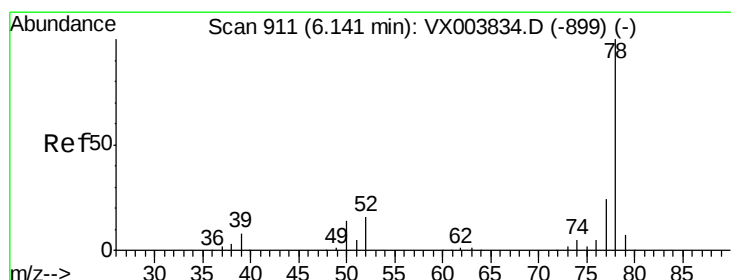
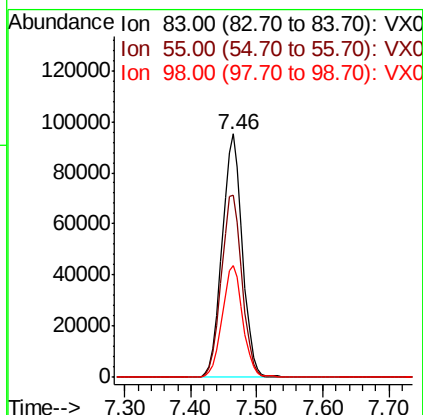
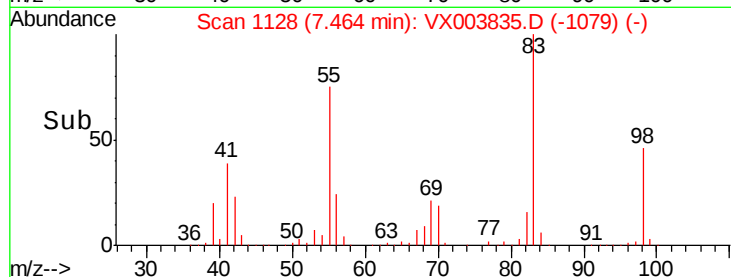
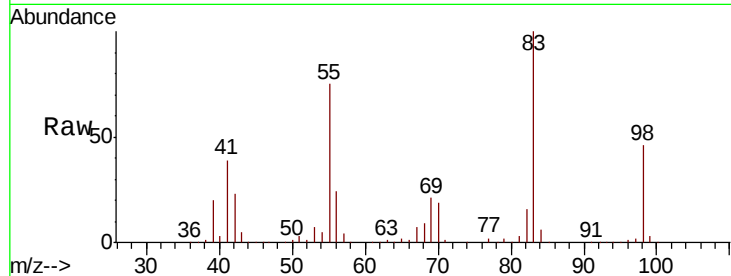




#39
Methylcyclohexane
Concen: 106.355 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

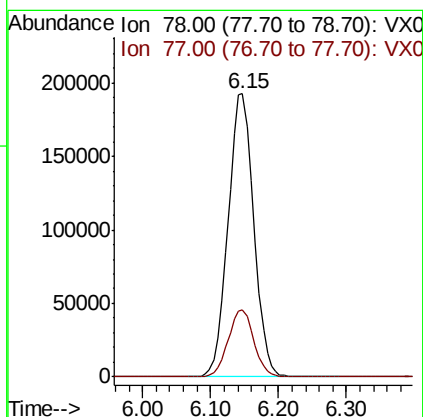
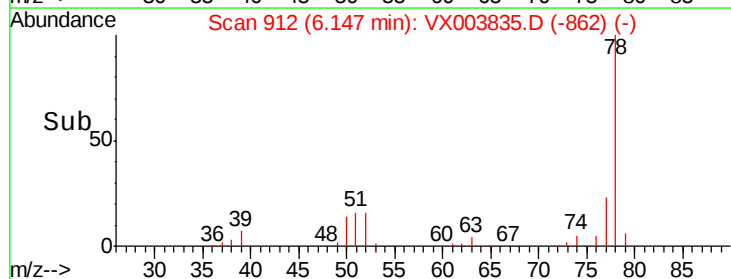
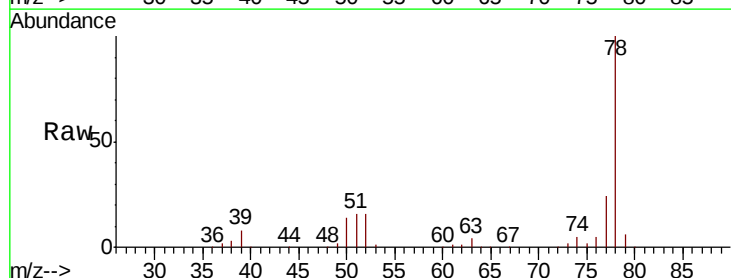
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

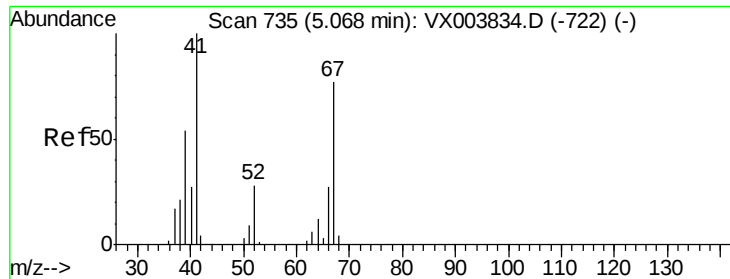
Tgt Ion: 83 Resp: 201293
Ion Ratio Lower Upper
83 100
55 75.0 63.1 94.7
98 45.7 37.5 56.3



#40
Benzene
Concen: 94.076 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

Tgt Ion: 78 Resp: 503547
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

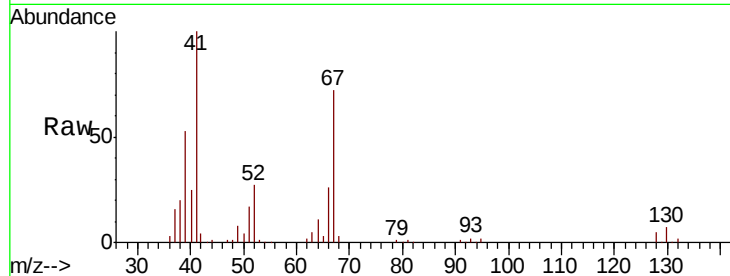




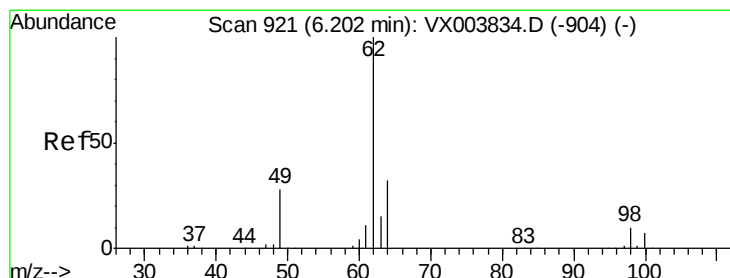
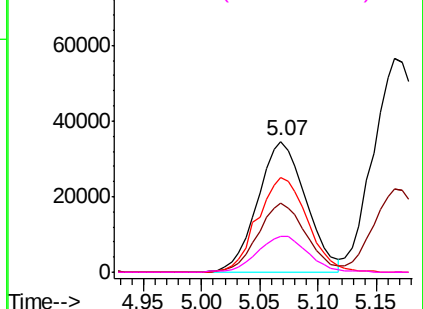
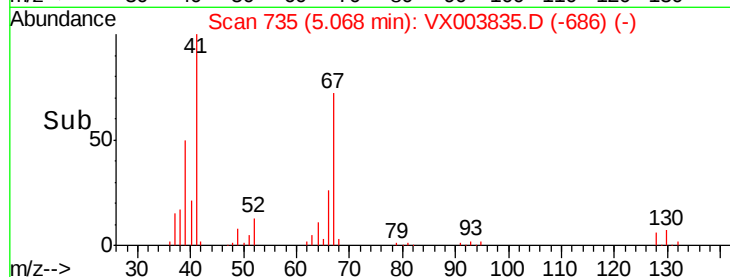
#41
Methacrylonitrile
Concen: 83.074 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	99825
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.5	63.7
67	74.5	58.8	88.2
52	28.8	22.9	34.3

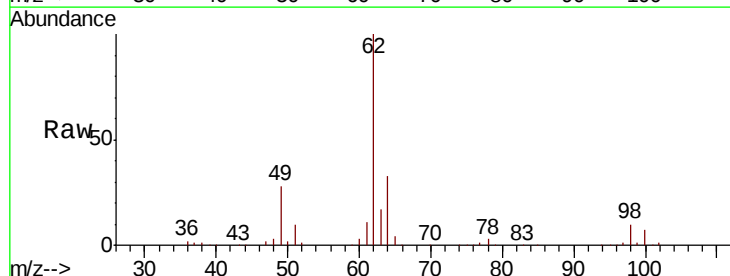


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

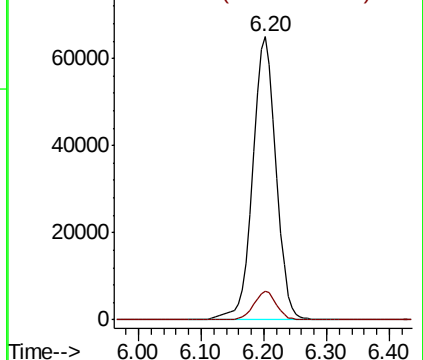
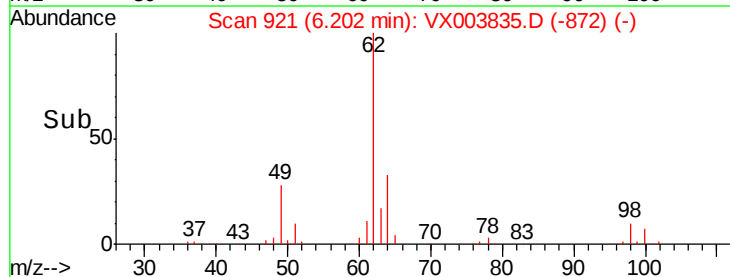


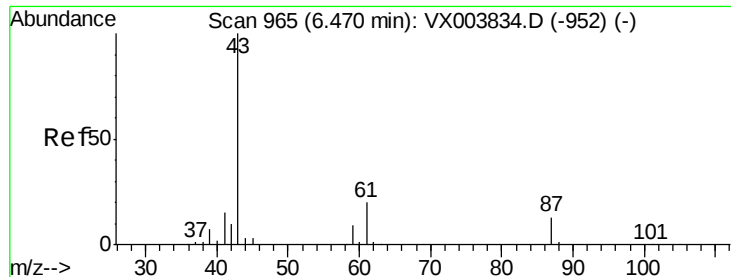
#42
1,2-Dichloroethane
Concen: 88.766 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

Tgt Ion:	62	Resp:	167033
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6



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





#43

Isopropyl Acetate

Concen: 90.949 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

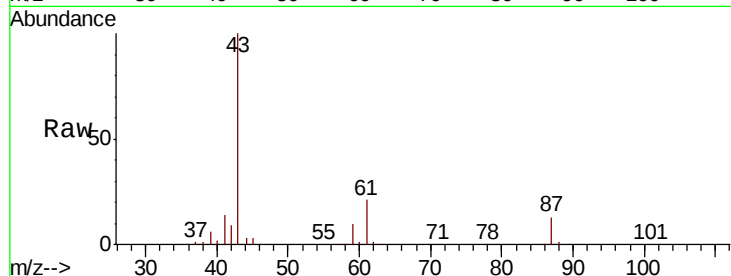
Tgt Ion: 43 Resp: 287732

Ion Ratio Lower Upper

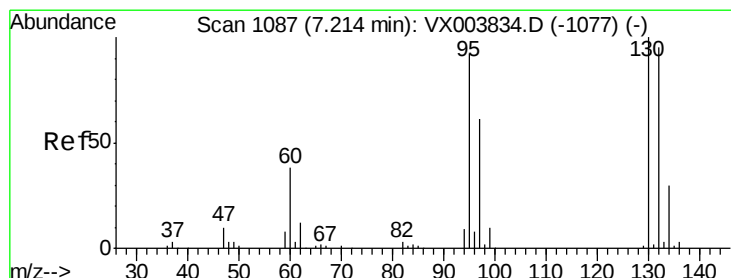
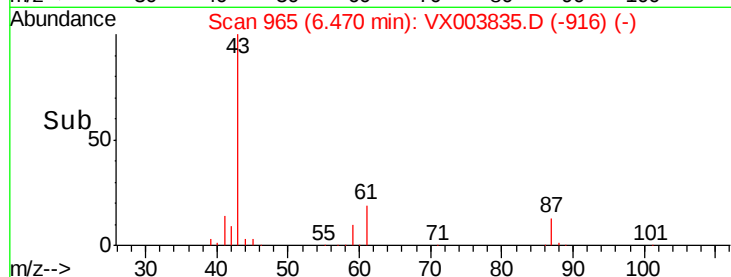
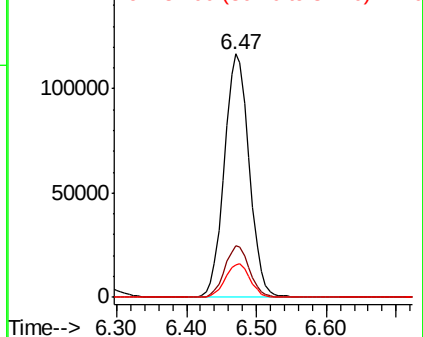
43 100

61 21.0 16.7 25.1

87 13.7 10.8 16.2



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: 94.854 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003835.D

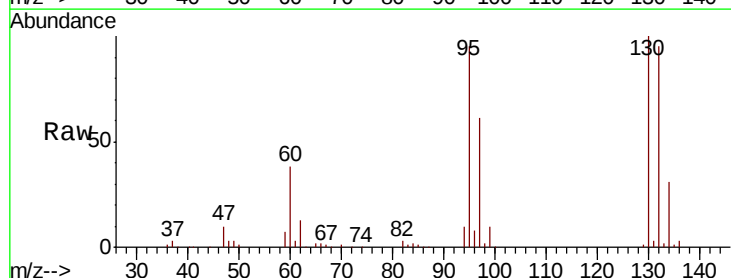
Acq: 02 Aug 2018 20:42

Tgt Ion: 130 Resp: 135738

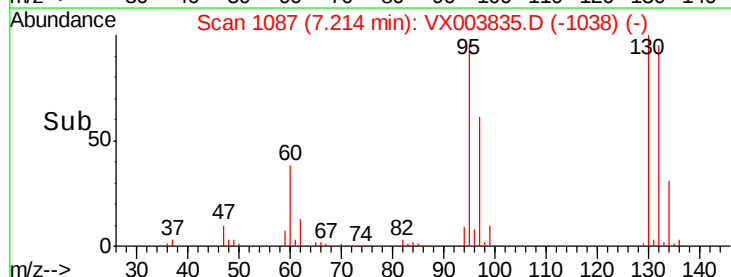
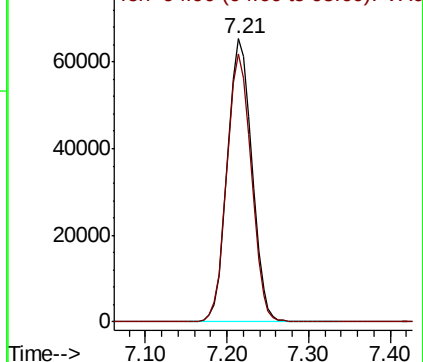
Ion Ratio Lower Upper

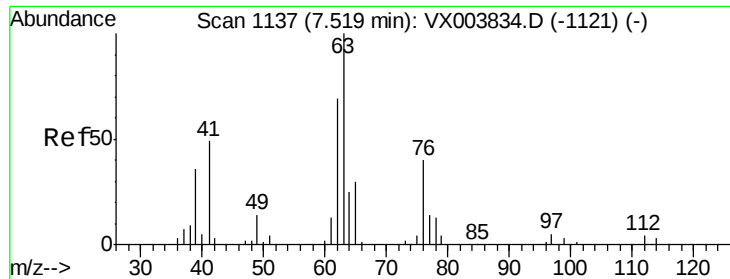
130 100

95 94.6 0.0 184.8



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

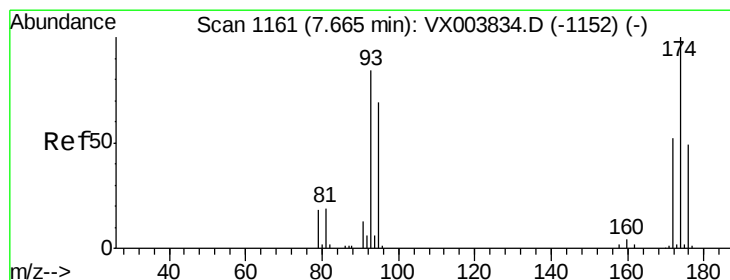
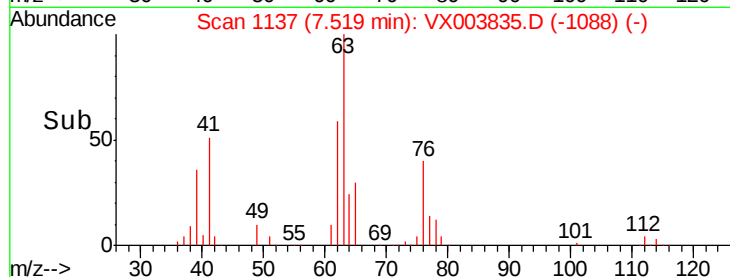
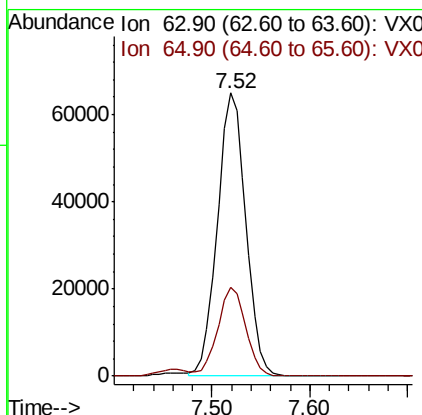
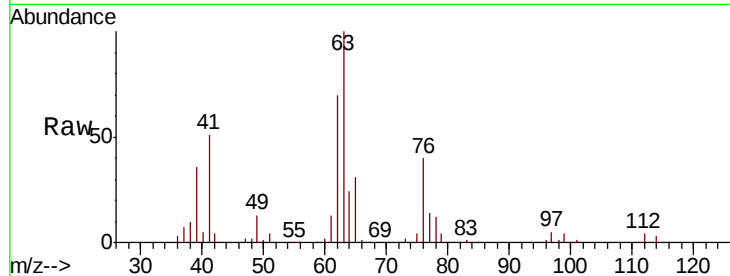




#45
 1,2-Dichloropropane
 Concen: 94.302 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

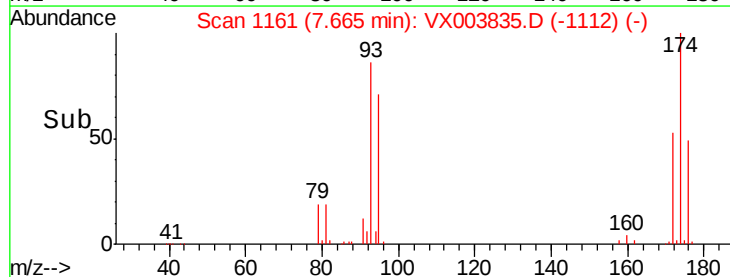
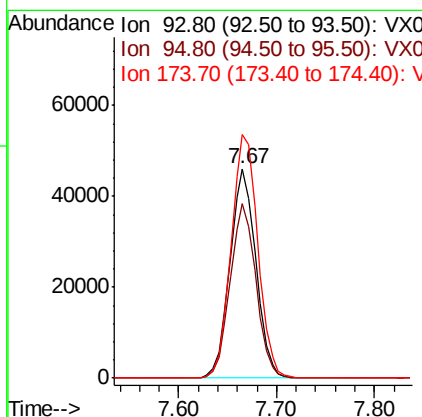
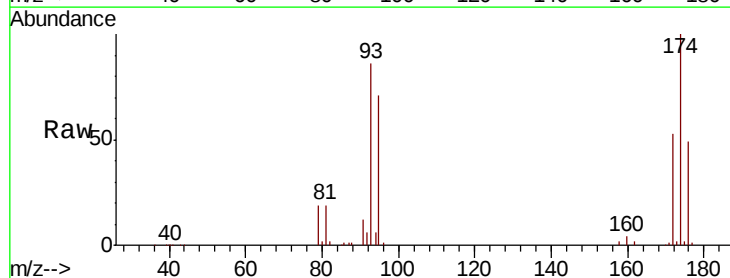
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

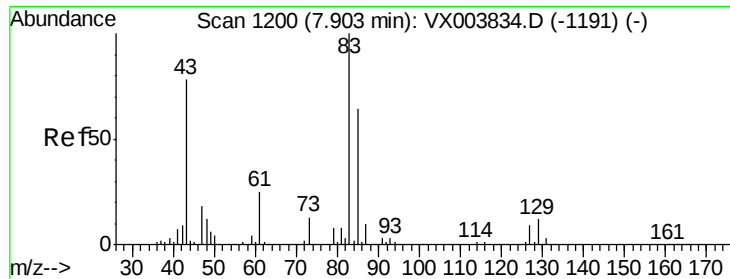
Tgt Ion: 63 Resp: 130861
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.4



#46
 Dibromomethane
 Concen: 94.292 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion: 93 Resp: 84637
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.6
 174 120.0 97.4 146.2





#47

Bromodichloromethane

Concen: 98.200 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

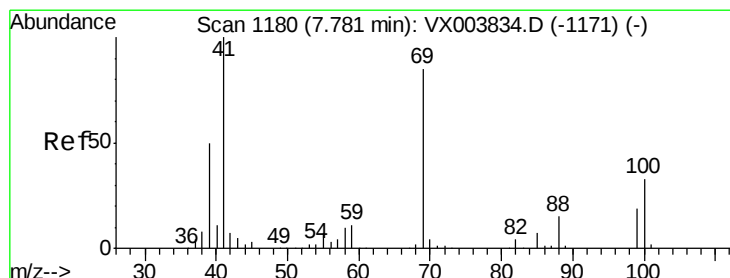
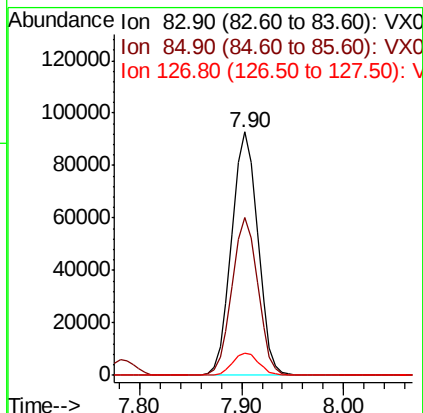
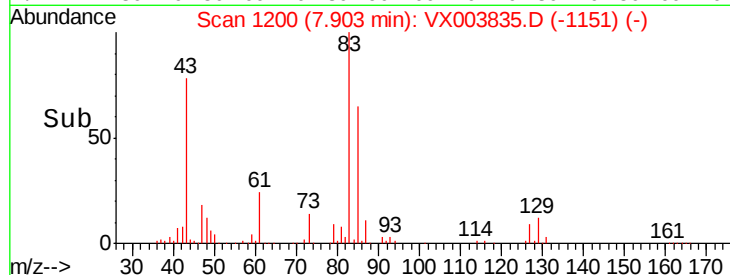
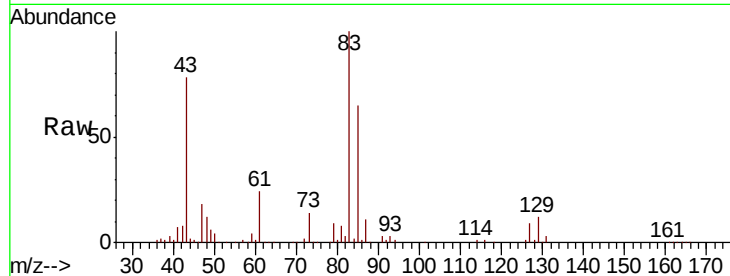
Tgt Ion: 83 Resp: 164616

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.2

127 9.1 7.0 10.6



#48

Methyl methacrylate

Concen: 93.842 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

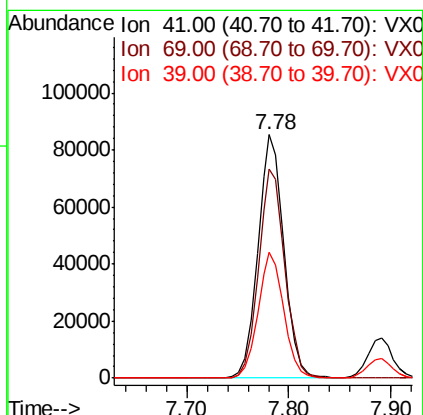
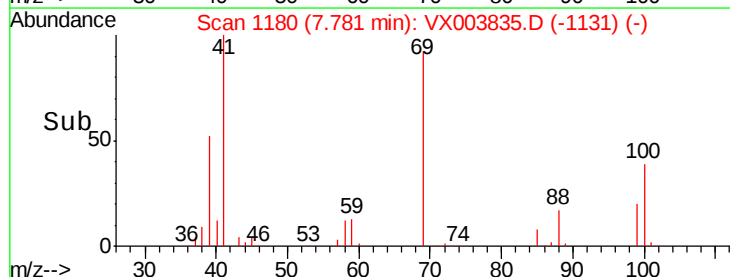
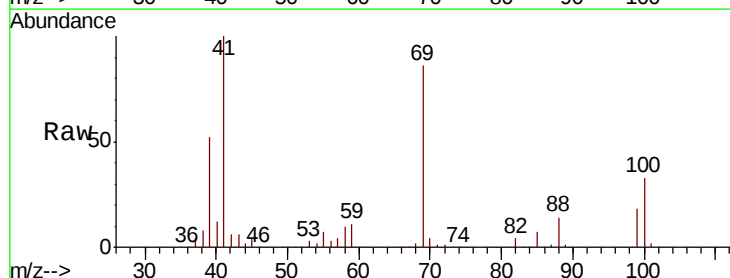
Tgt Ion: 41 Resp: 150688

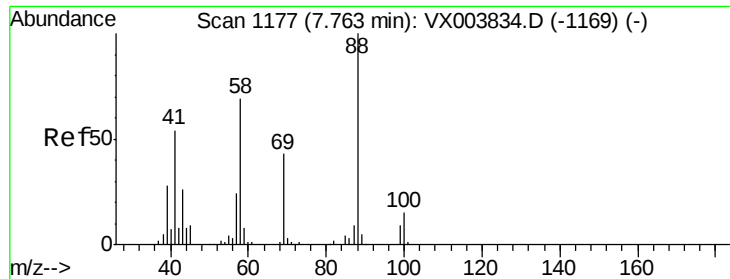
Ion Ratio Lower Upper

41 100

69 87.2 70.2 105.4

39 51.2 40.9 61.3

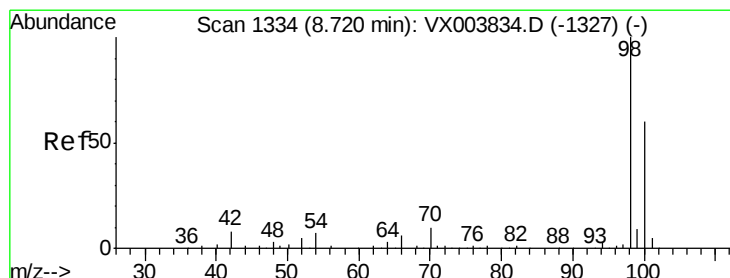
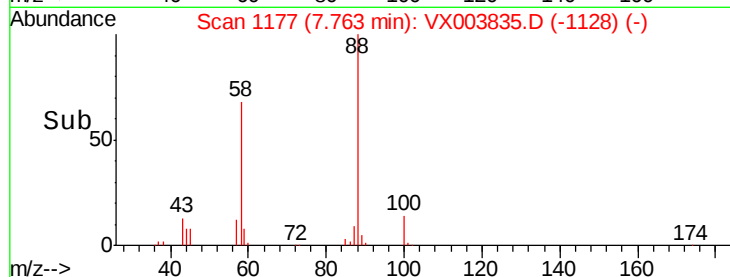
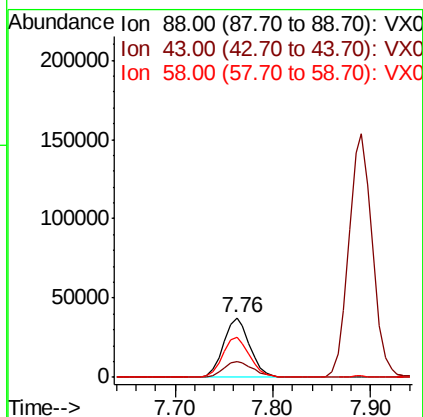
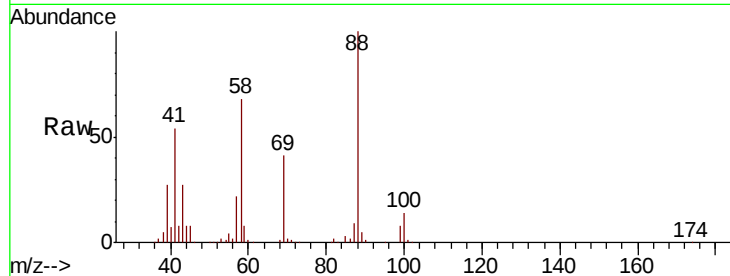




#49
1,4-Dioxane
Concen: 1916.307 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

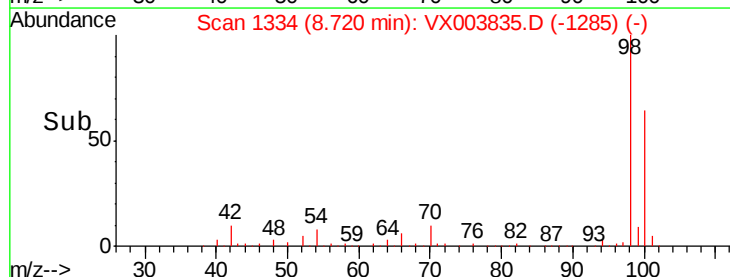
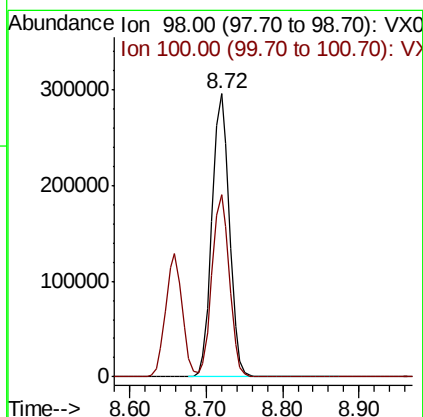
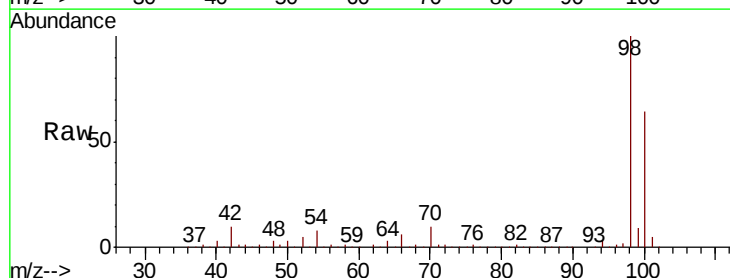
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

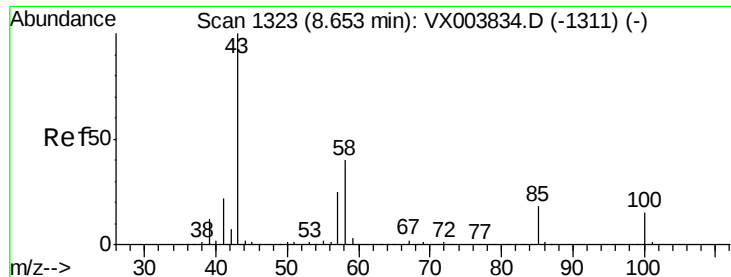
Tgt Ion: 88 Resp: 69119
Ion Ratio Lower Upper
88 100
43 30.5 24.4 36.6
58 70.4 56.5 84.7



#50
Toluene-d8
Concen: 96.836 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

Tgt Ion: 98 Resp: 467665
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 544.583 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

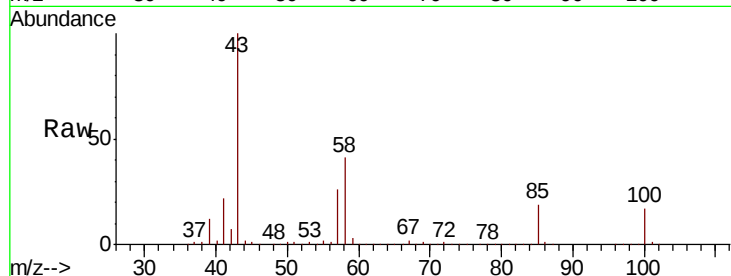
VSTDIC100

Tgt Ion: 43 Resp: 1213587

Ion Ratio Lower Upper

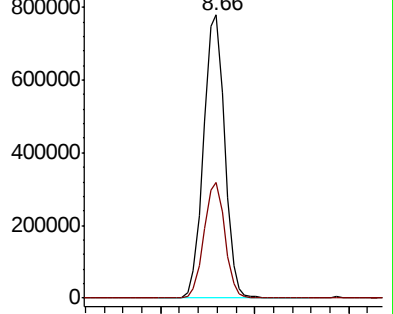
43 100

58 40.4 32.2 48.2

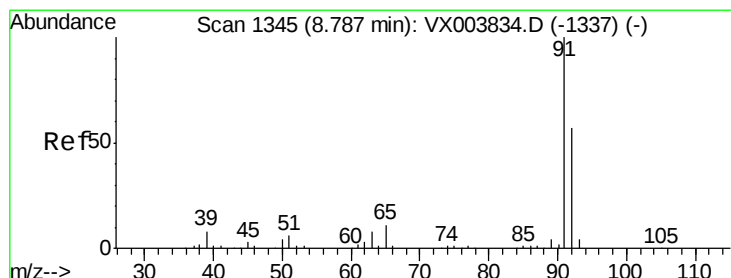
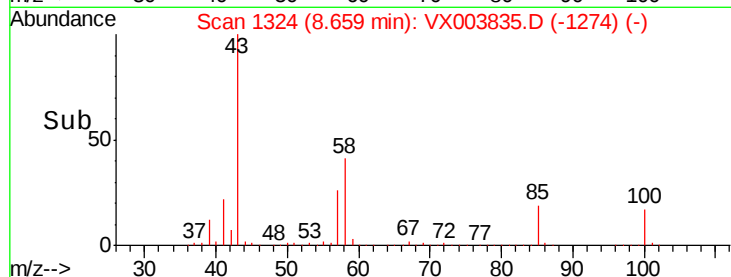


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 96.462 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003835.D

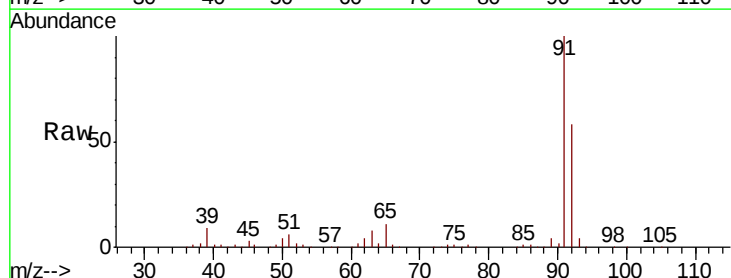
Acq: 02 Aug 2018 20:42

Tgt Ion: 92 Resp: 320955

Ion Ratio Lower Upper

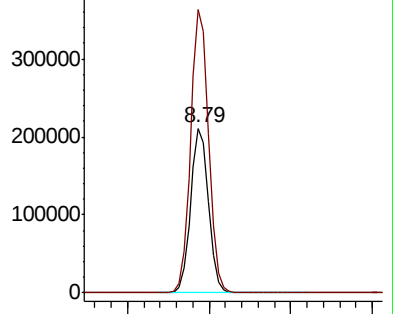
92 100

91 173.4 140.2 210.2

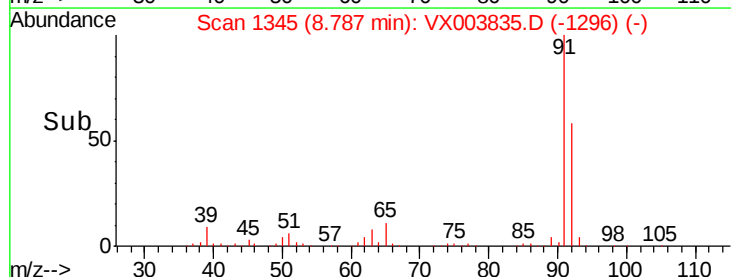


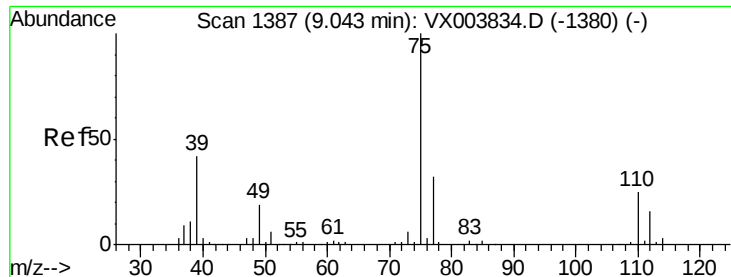
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->

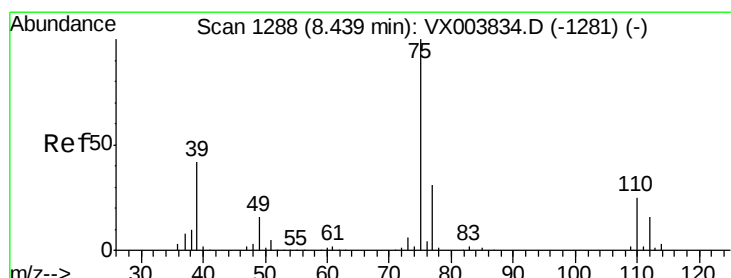
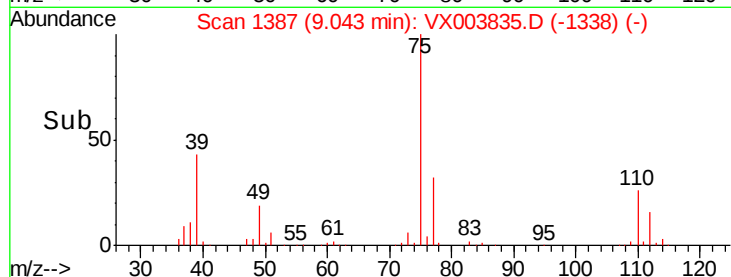
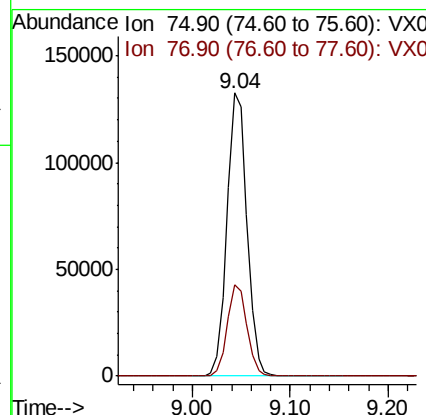
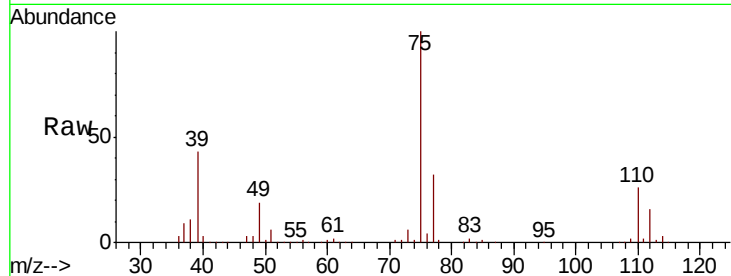




#53
 t-1,3-Dichloropropene
 Concen: 101.287 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

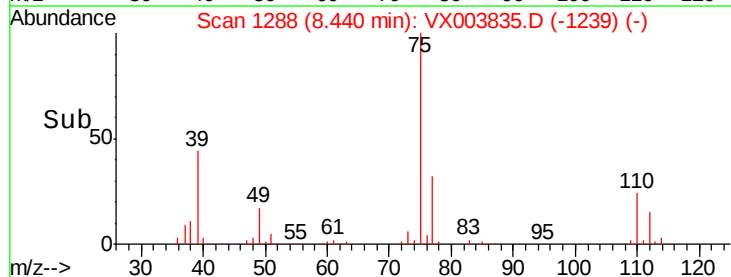
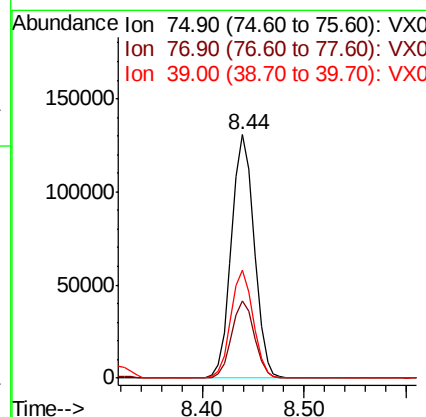
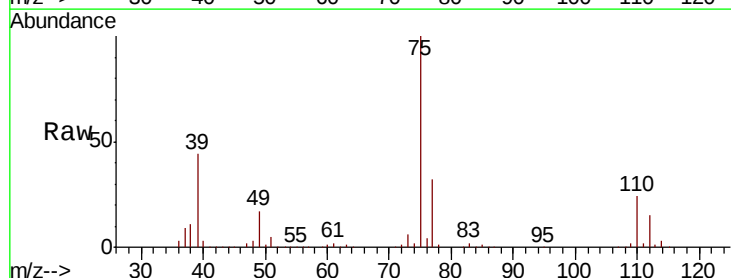
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

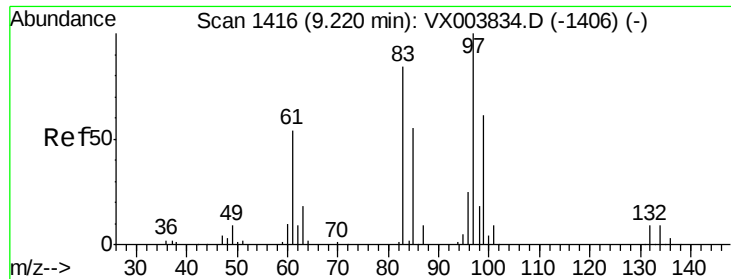
Tgt Ion: 75 Resp: 188030
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 99.080 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion: 75 Resp: 201873
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8
 39 44.1 33.5 50.3

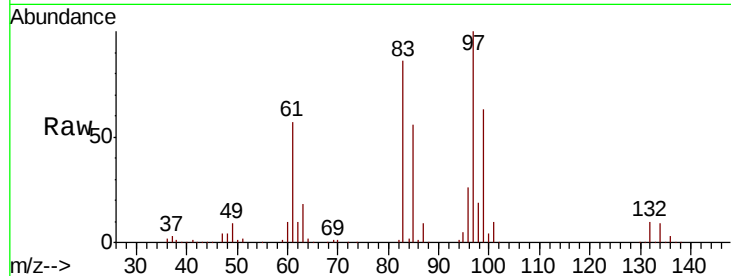




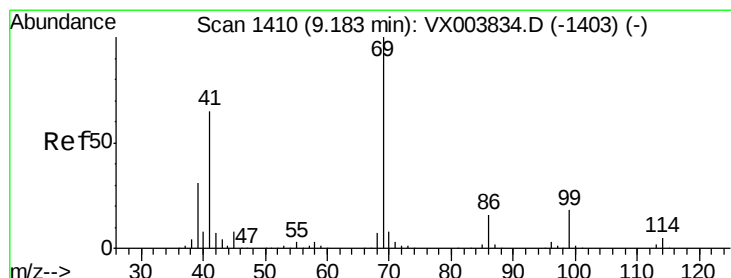
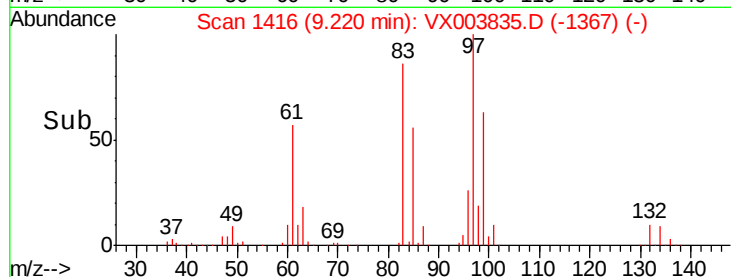
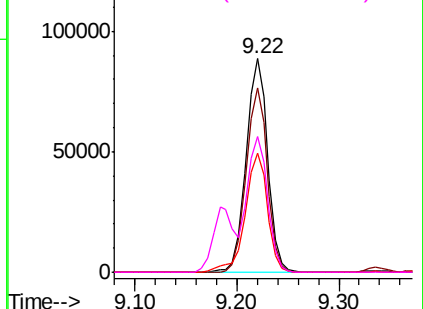
#55
 1,1,2-Trichloroethane
 Concen: 94.767 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tgt Ion:	97	Resp:	130038
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.4	101.2
85	55.8	43.9	65.9
99	63.4	49.0	73.6

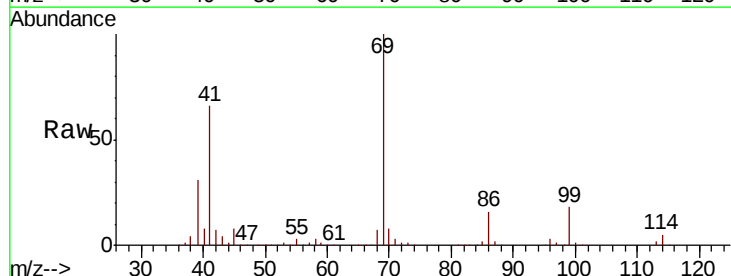


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

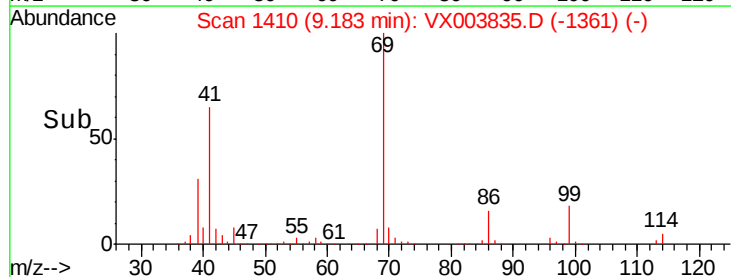
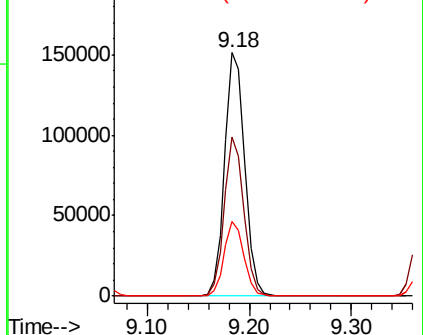


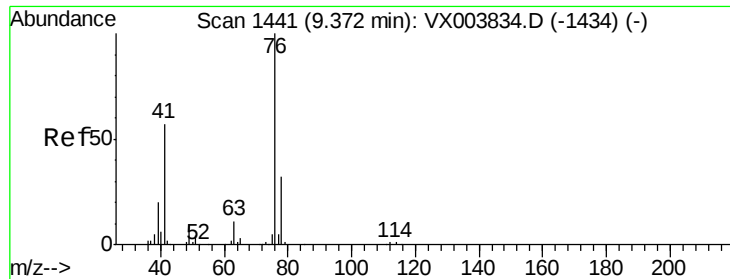
#56
 Ethyl methacrylate
 Concen: 101.523 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion:	69	Resp:	206236
Ion	Ratio	Lower	Upper
69	100		
41	63.8	51.1	76.7
39	30.3	24.7	37.1



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





#57

1,3-Dichloropropane

Concen: 93.510 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

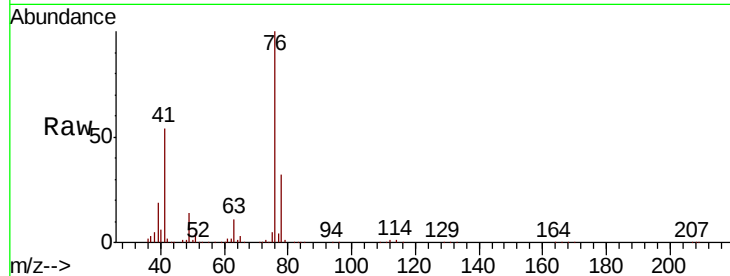
VSTDIC100

Tgt Ion: 76 Resp: 215086

Ion Ratio Lower Upper

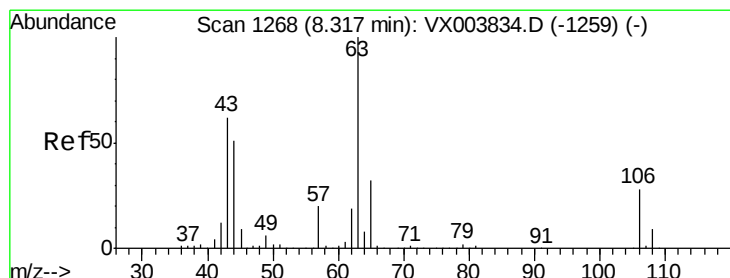
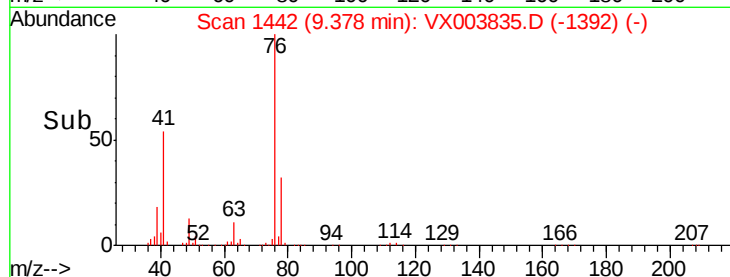
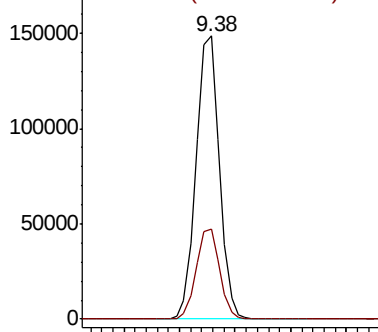
76 100

78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 507.757 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003835.D

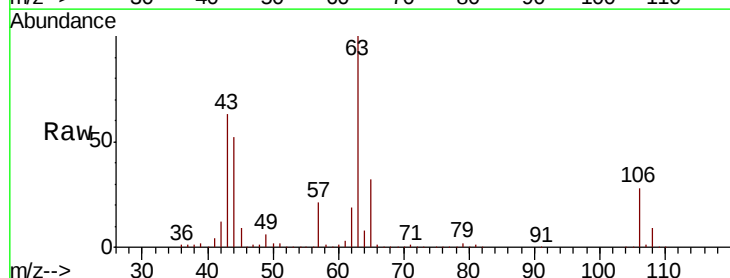
Acq: 02 Aug 2018 20:42

Tgt Ion: 63 Resp: 521053

Ion Ratio Lower Upper

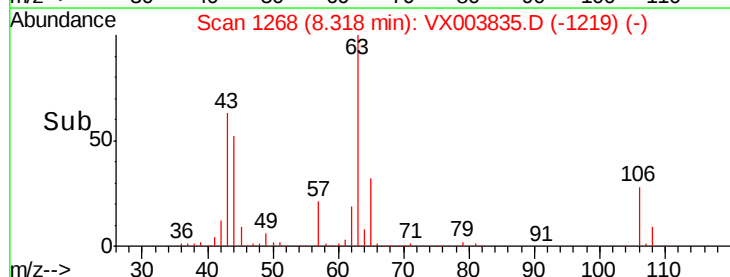
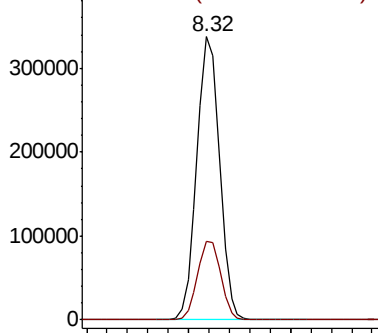
63 100

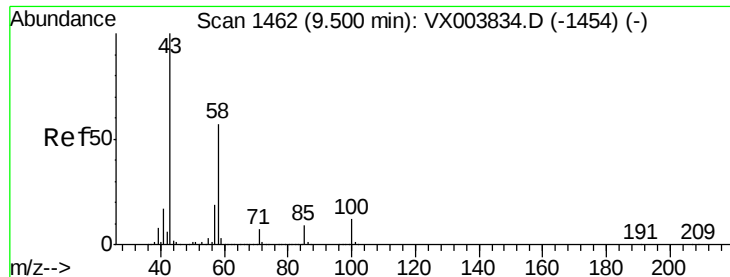
106 28.3 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

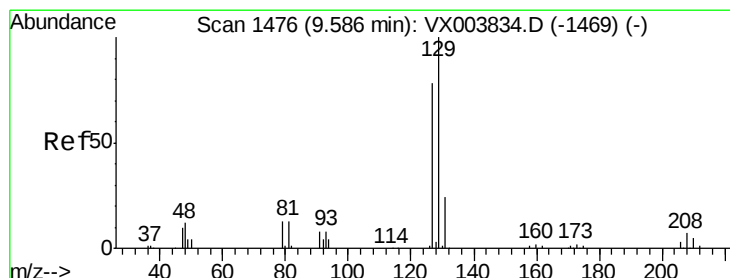
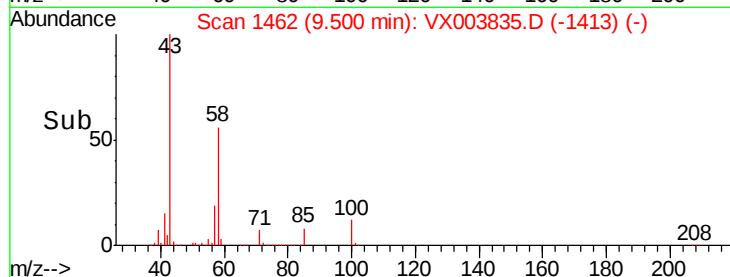
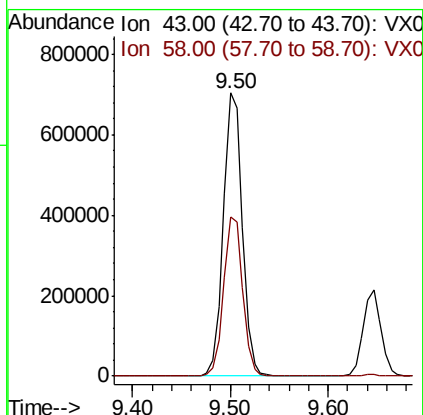
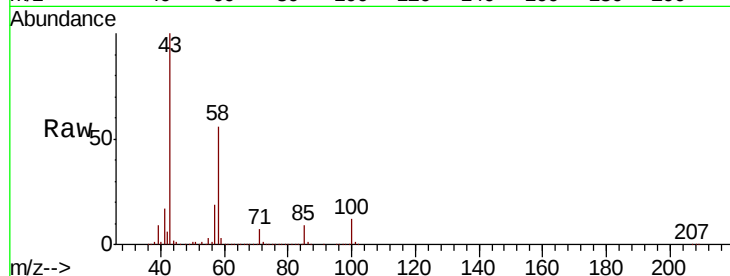




#59
2-Hexanone
Concen: 554.533 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

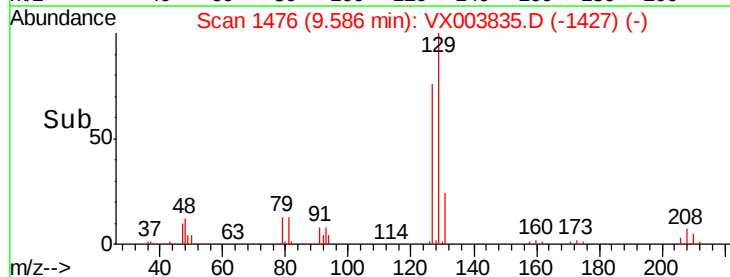
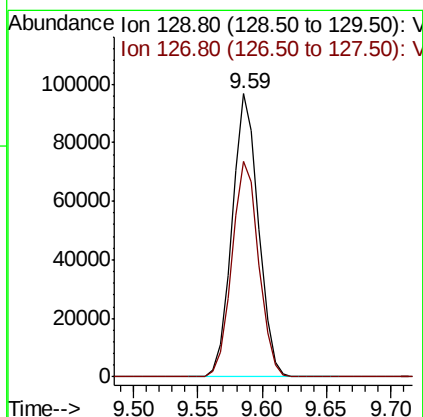
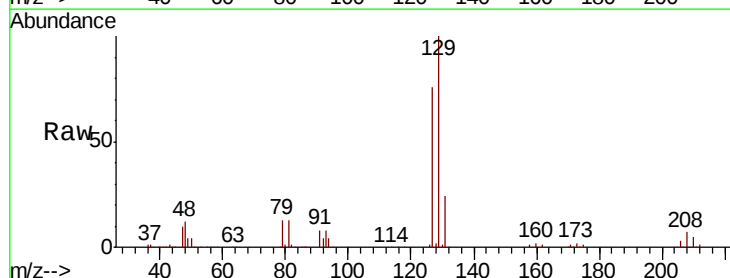
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

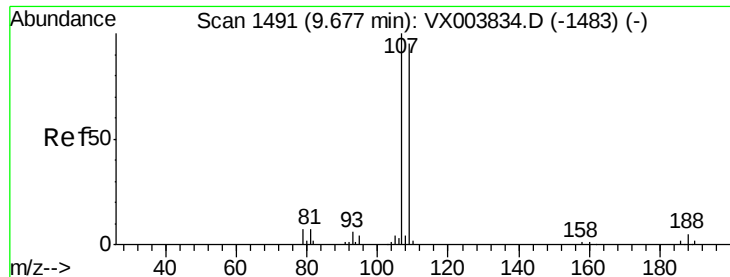
Tgt Ion: 43 Resp: 946832
Ion Ratio Lower Upper
43 100
58 56.5 28.2 84.7



#60
Dibromochloromethane
Concen: 105.236 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

Tgt Ion: 129 Resp: 137662
Ion Ratio Lower Upper
129 100
127 77.4 39.0 116.9





#61

1,2-Dibromoethane

Concen: 96.240 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampled :

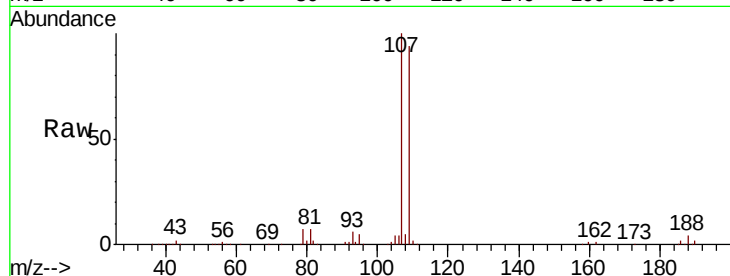
VSTDIC100

Tgt Ion: 107 Resp: 137860

Ion Ratio Lower Upper

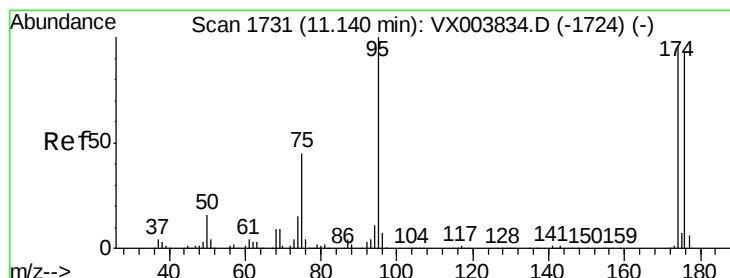
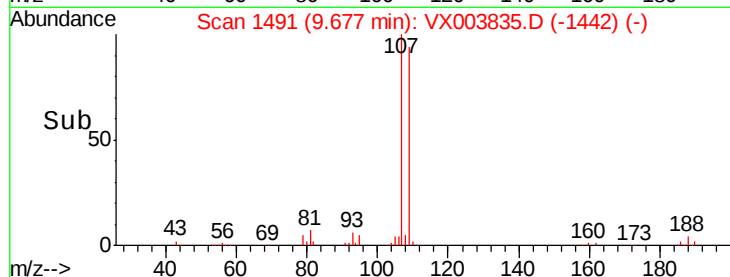
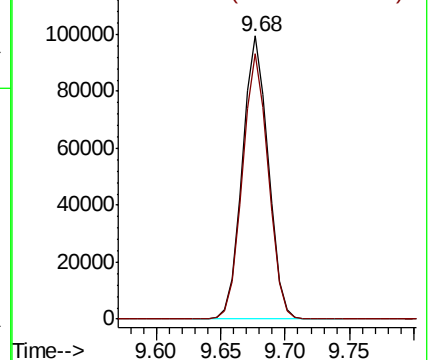
107 100

109 93.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 97.252 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

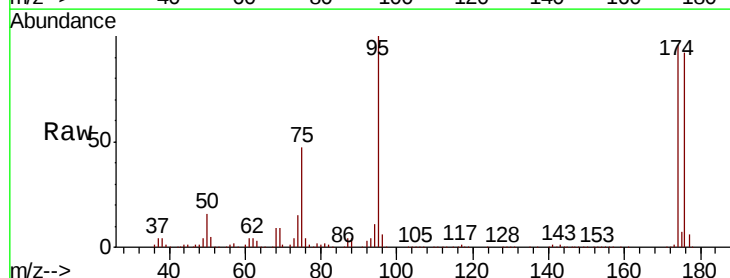
Tgt Ion: 95 Resp: 171537

Ion Ratio Lower Upper

95 100

174 95.5 0.0 192.2

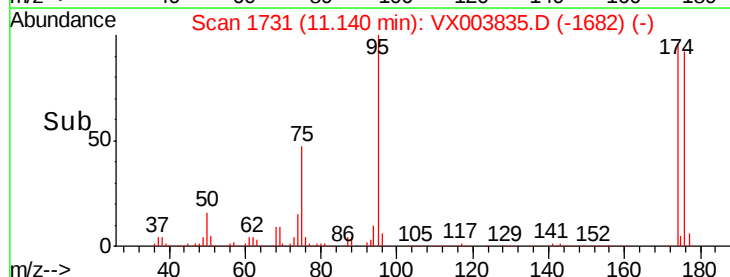
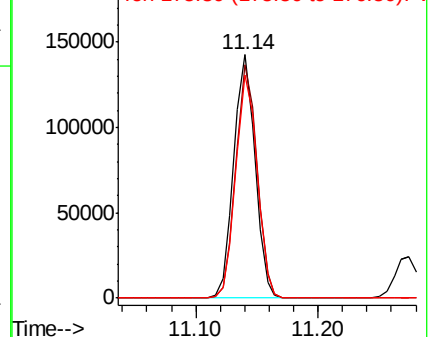
176 92.2 0.0 185.8

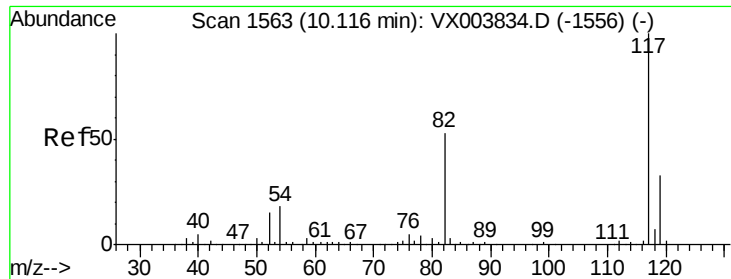


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

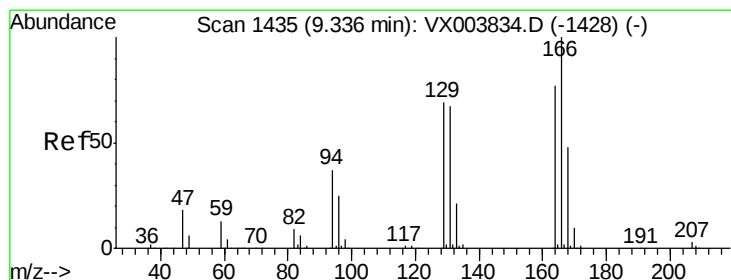
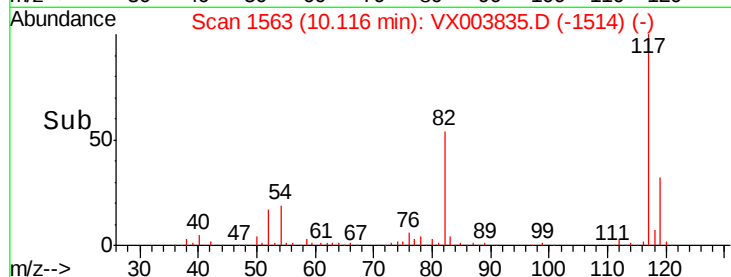
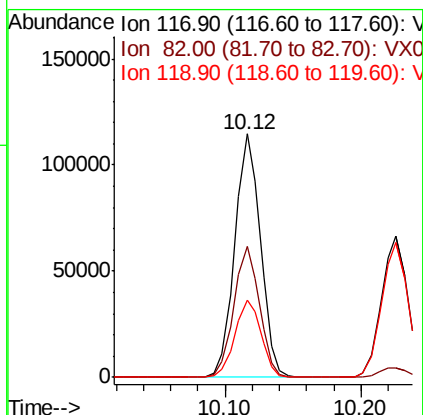
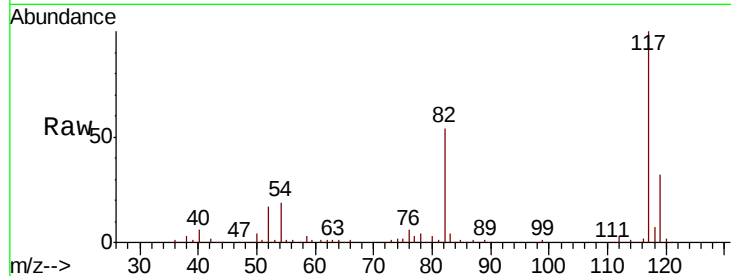




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

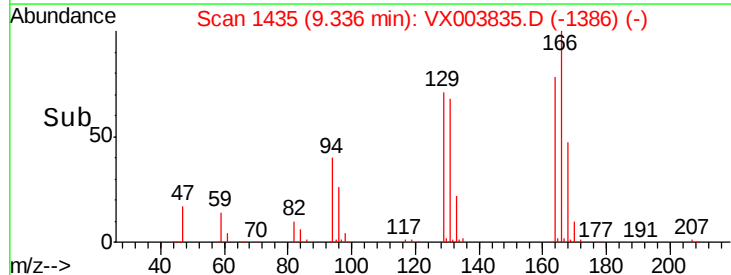
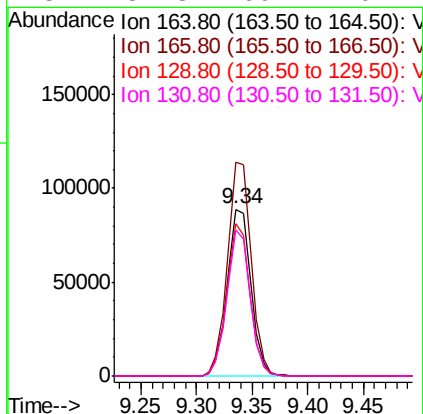
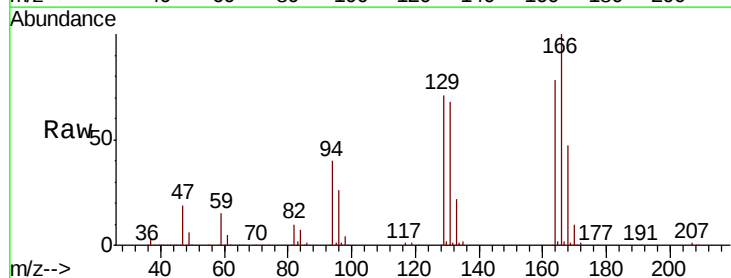
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

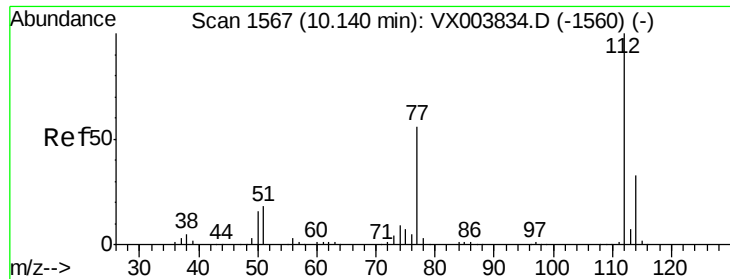
Tgt Ion:117 Resp: 150598
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.4
119 31.7 26.2 39.2



#64
Tetrachloroethene
Concen: 96.639 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

Tgt Ion:164 Resp: 131023
Ion Ratio Lower Upper
164 100
166 128.3 103.7 155.5
129 91.6 71.9 107.9
131 87.8 69.4 104.2





#65

Chlorobenzene

Concen: 96.122 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

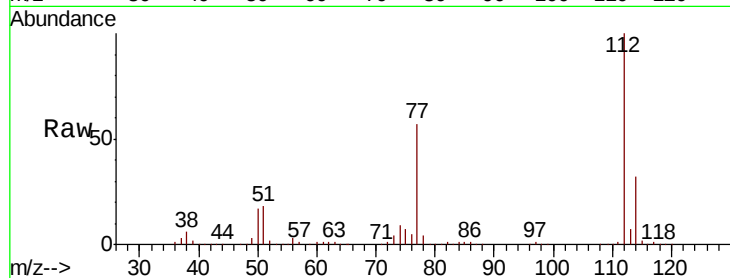
VSTDIC100

Tgt Ion:112 Resp: 363388

Ion Ratio Lower Upper

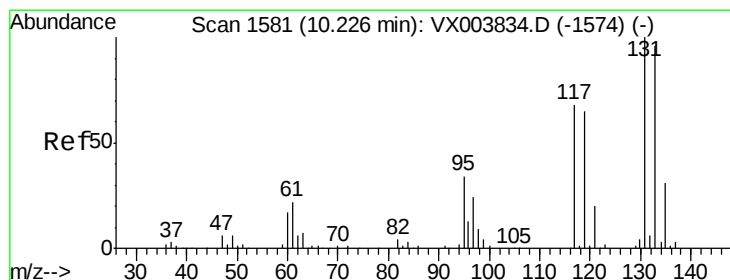
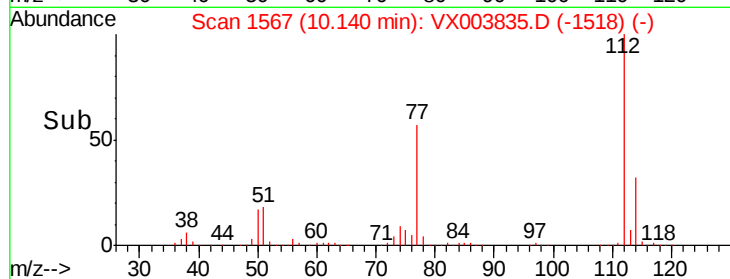
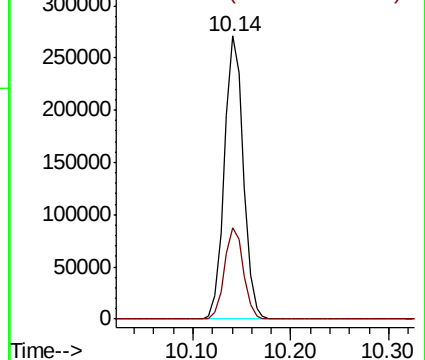
112 100

114 32.1 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 100.660 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

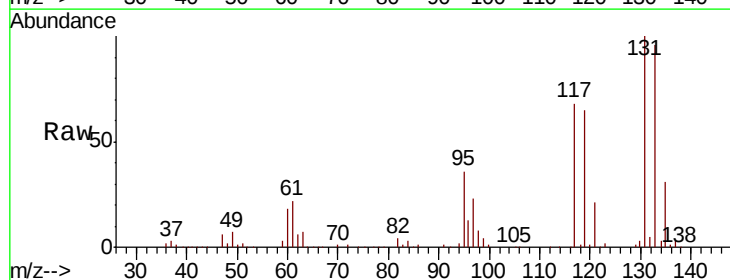
Tgt Ion:131 Resp: 132908

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.8

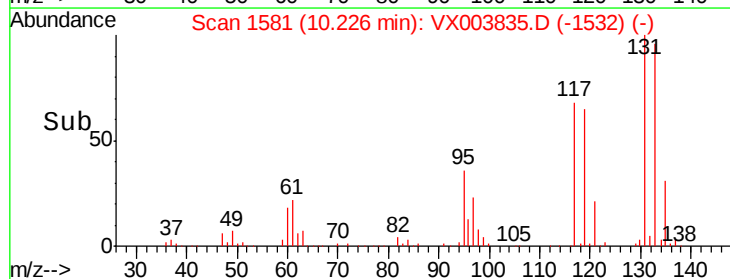
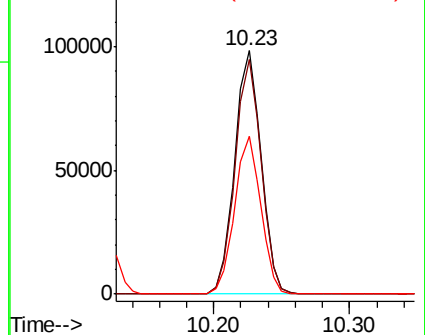
119 64.5 32.8 98.3

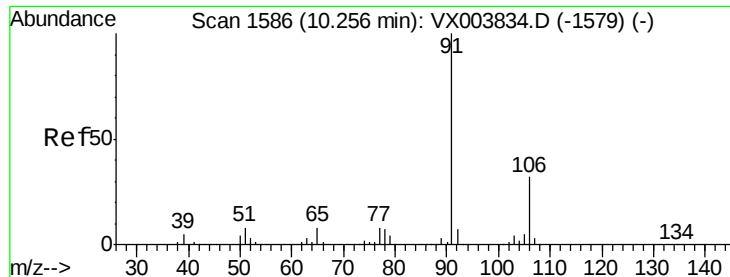


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 99.935 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

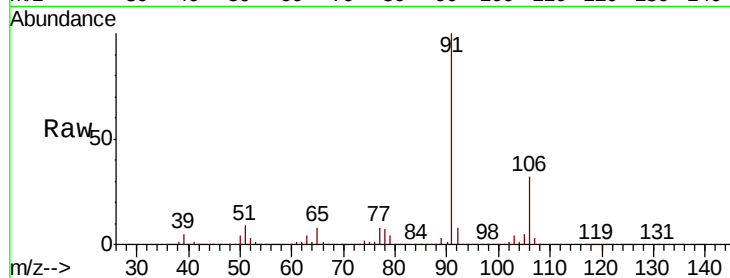
VSTDIC100

Tgt Ion: 91 Resp: 624902

Ion Ratio Lower Upper

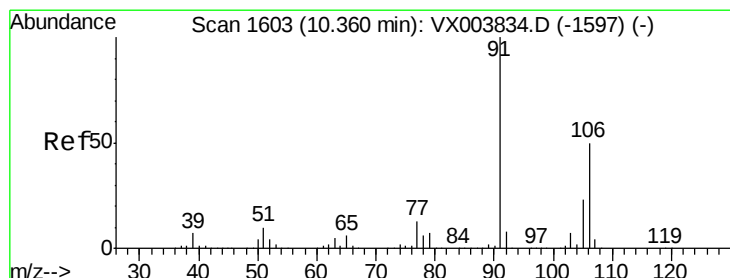
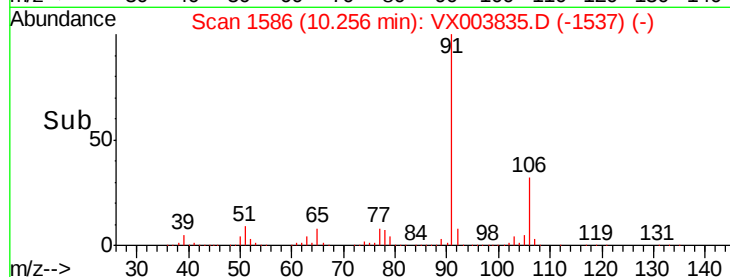
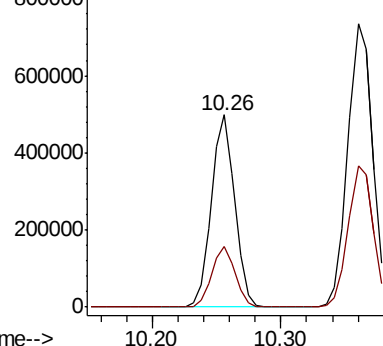
91 100

106 31.7 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 203.457 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003835.D

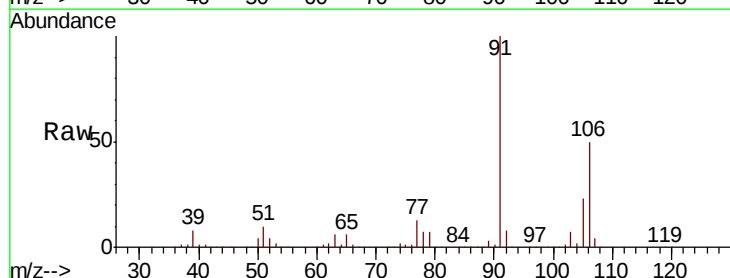
Acq: 02 Aug 2018 20:42

Tgt Ion: 106 Resp: 489074

Ion Ratio Lower Upper

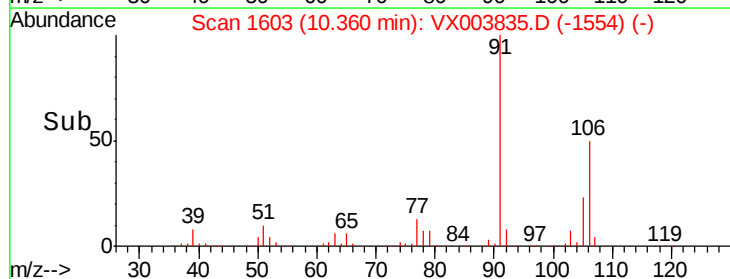
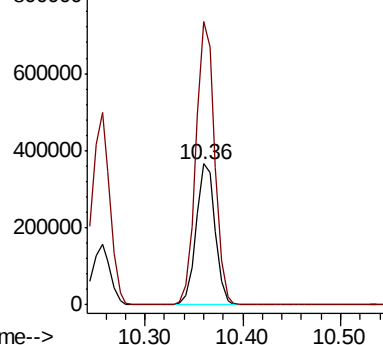
106 100

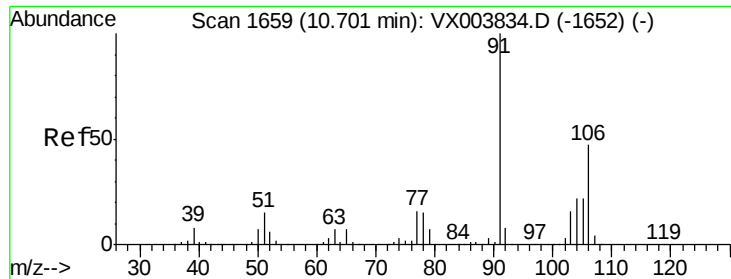
91 199.4 161.3 241.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

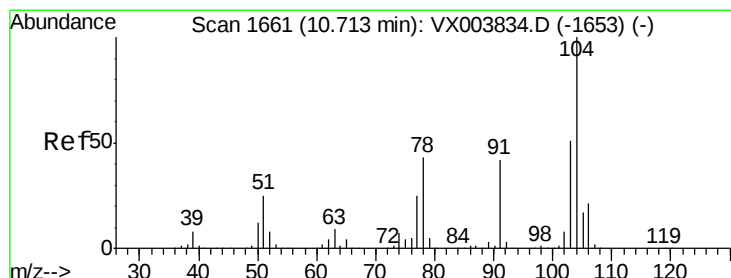
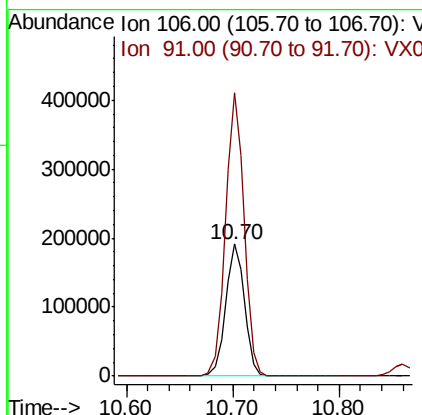
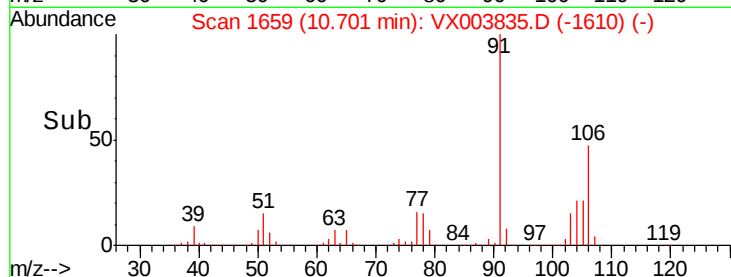
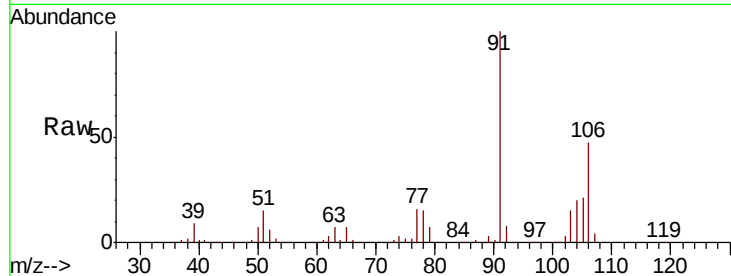




#69
o-Xylene
Concen: 101.395 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

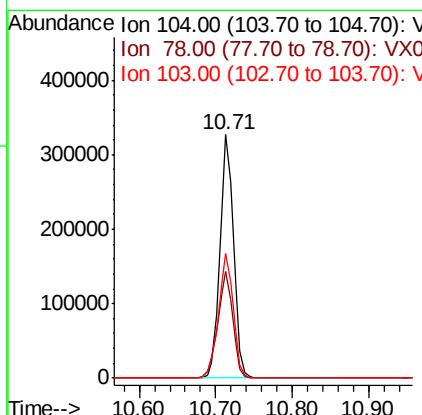
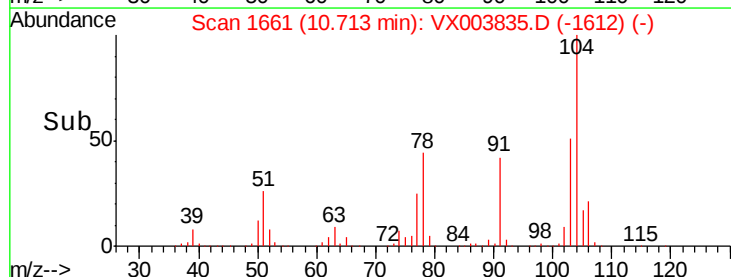
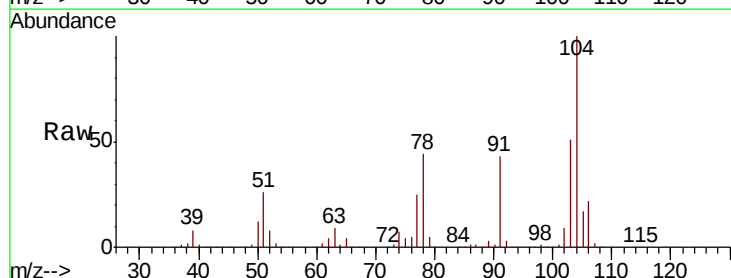
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

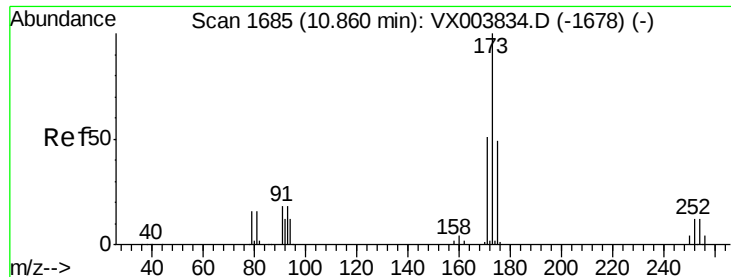
Tgt Ion:106 Resp: 235807
Ion Ratio Lower Upper
106 100
91 211.8 105.7 317.1



#70
Styrene
Concen: 102.584 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

Tgt Ion:104 Resp: 401185
Ion Ratio Lower Upper
104 100
78 48.0 37.8 56.8
103 55.3 44.2 66.4





#71

Bromoform

Concen: 109.486 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

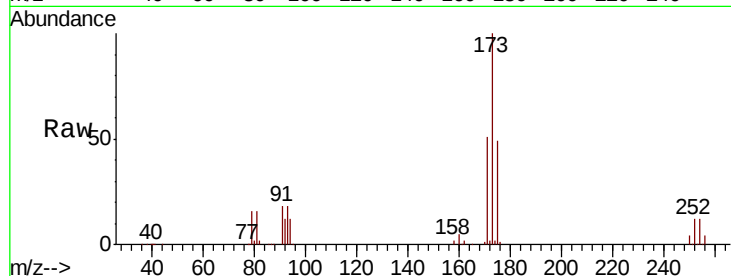
Tgt Ion:173 Resp: 115194

Ion Ratio Lower Upper

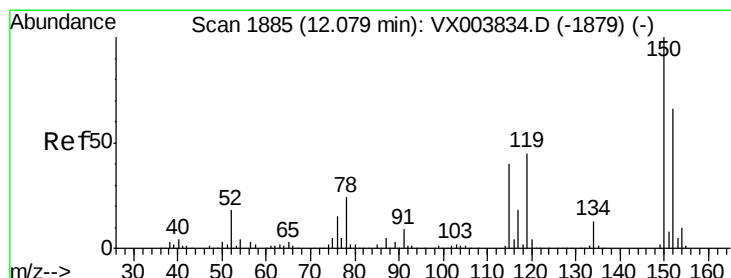
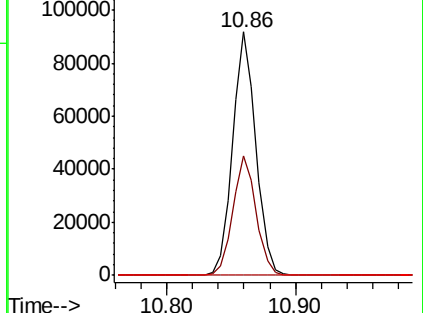
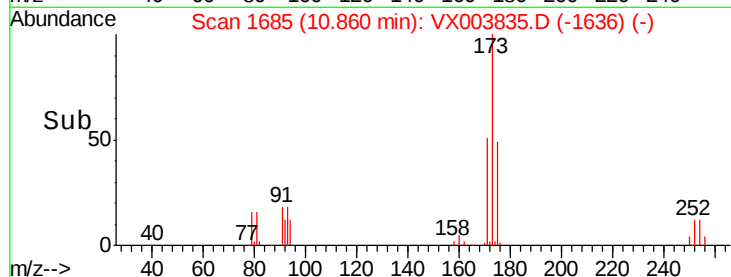
173 100

175 49.1 24.4 73.2

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

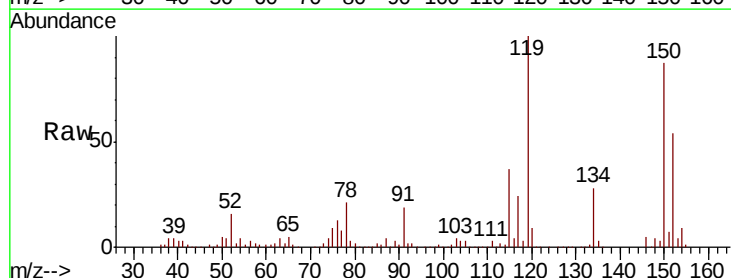
Tgt Ion:152 Resp: 95661

Ion Ratio Lower Upper

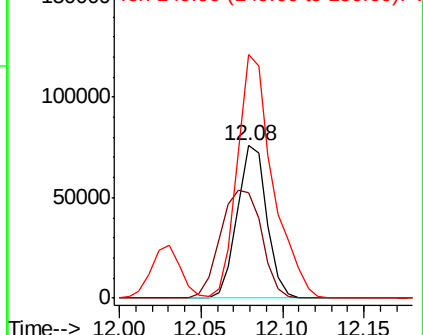
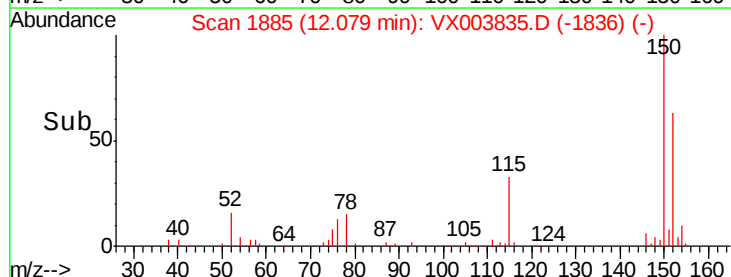
152 100

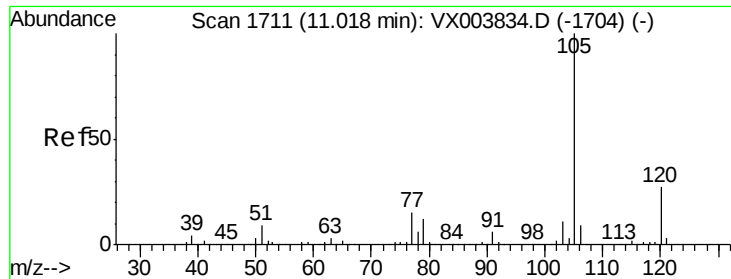
115 98.8 37.4 112.1

150 191.4 0.0 346.6



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: 98.076 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

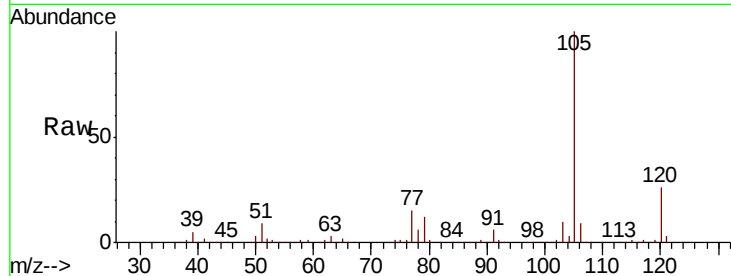
VSTDIC100

Tgt Ion:105 Resp: 628536

Ion Ratio Lower Upper

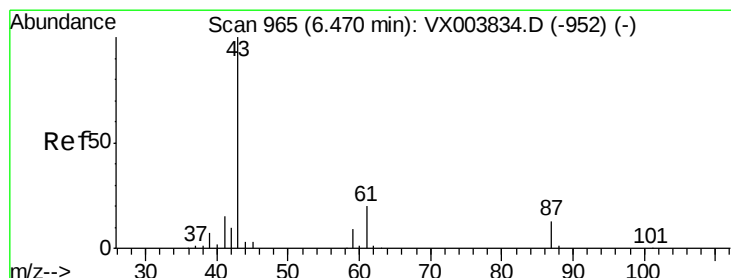
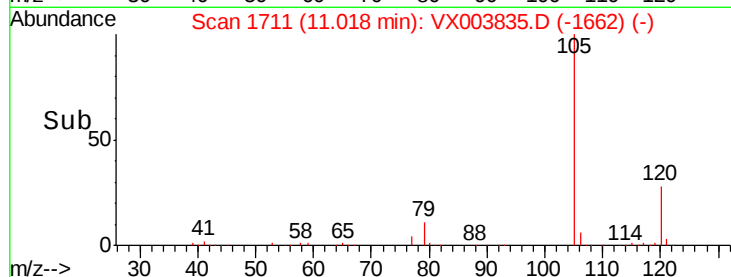
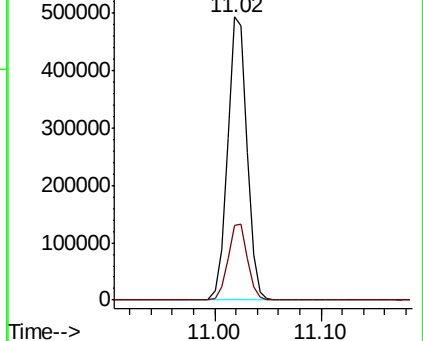
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 85.647 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Tgt Ion: 43 Resp: 287732

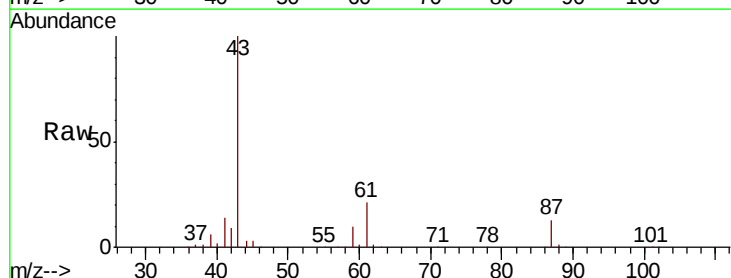
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 21.0 16.7 25.1

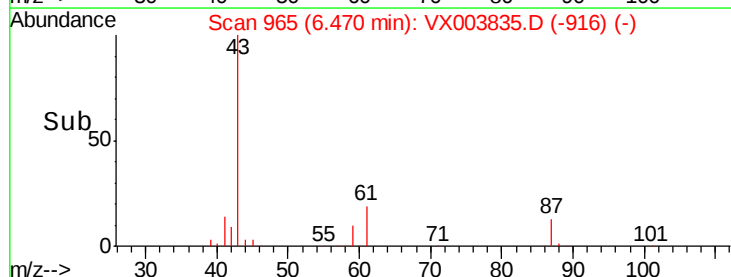
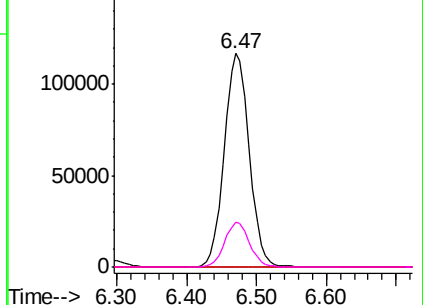


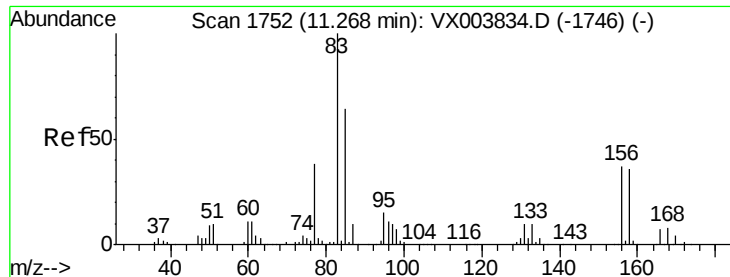
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 87.273 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

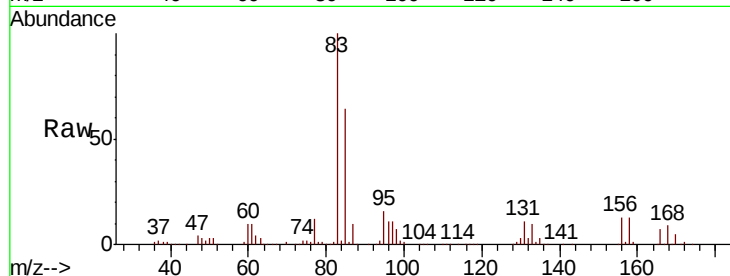
Tgt Ion: 83 Resp: 209457

Ion Ratio Lower Upper

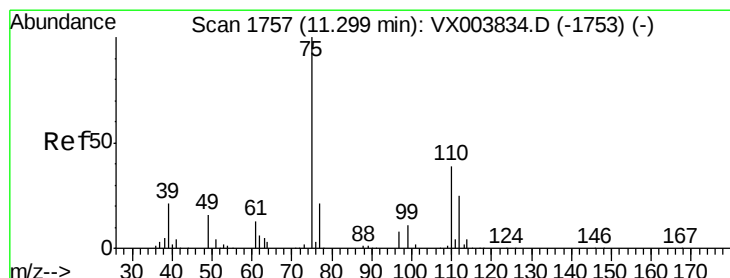
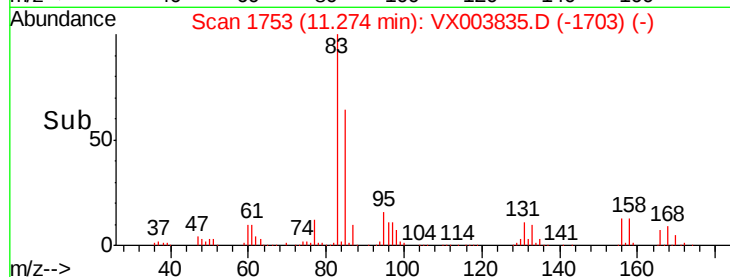
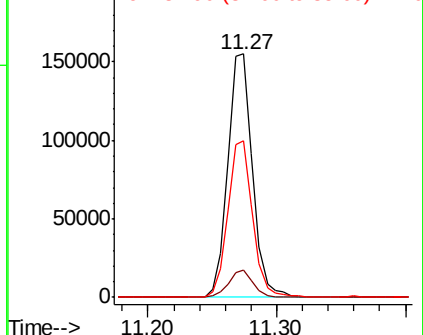
83 100

131 10.9 5.3 15.9

85 64.5 32.1 96.3



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: 122.583 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003835.D

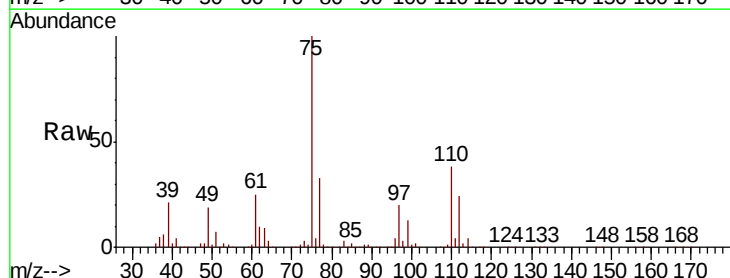
Acq: 02 Aug 2018 20:42

Tgt Ion: 75 Resp: 245499

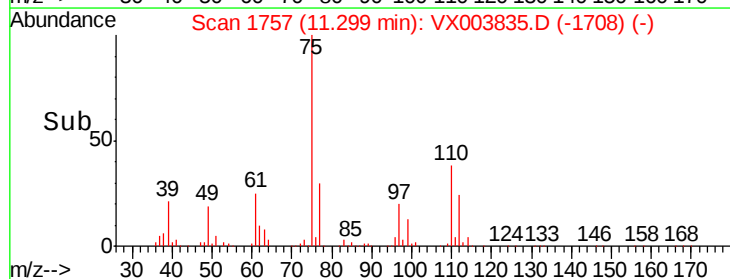
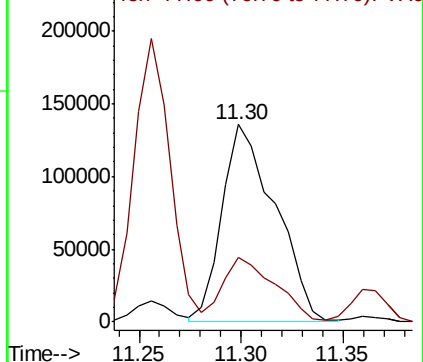
Ion Ratio Lower Upper

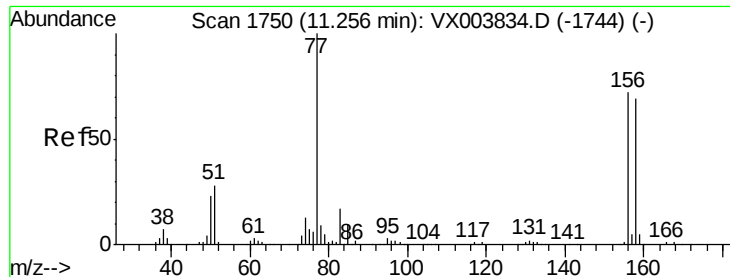
75 100

77 32.2 21.1 63.3



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





#77

Bromobenzene

Concen: 95.953 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

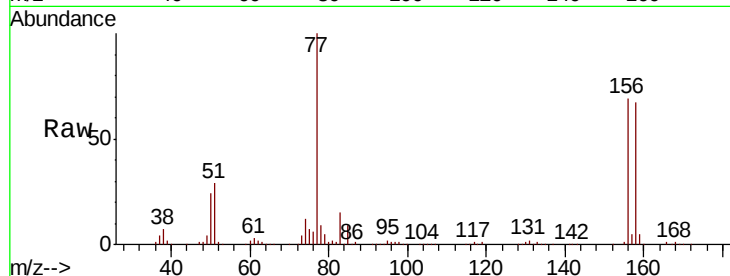
Tgt Ion:156 Resp: 170861

Ion Ratio Lower Upper

156 100

77 141.1 69.0 206.9

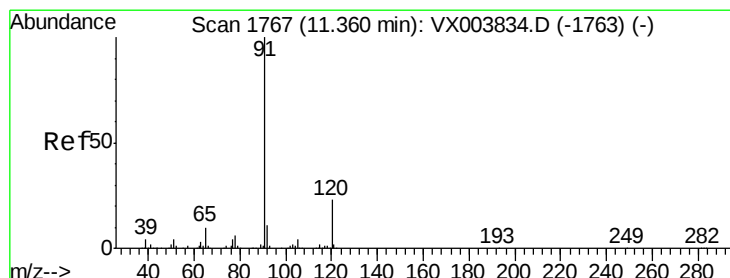
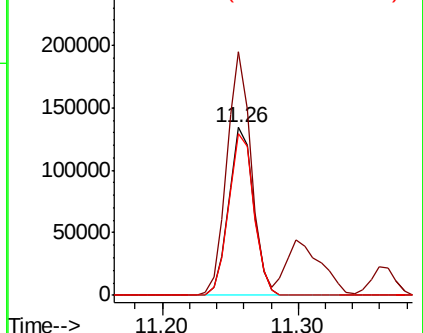
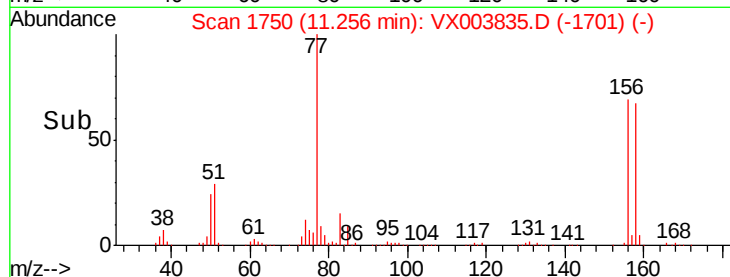
158 97.3 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.263 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003835.D

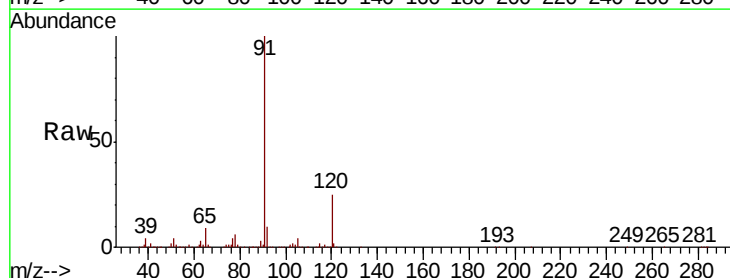
Acq: 02 Aug 2018 20:42

Tgt Ion: 91 Resp: 731805

Ion Ratio Lower Upper

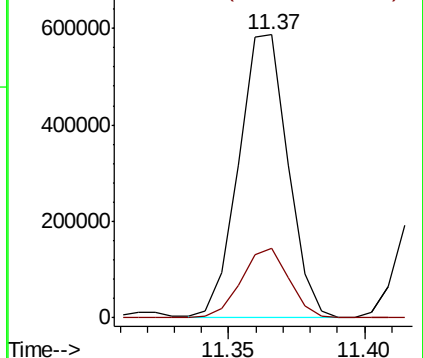
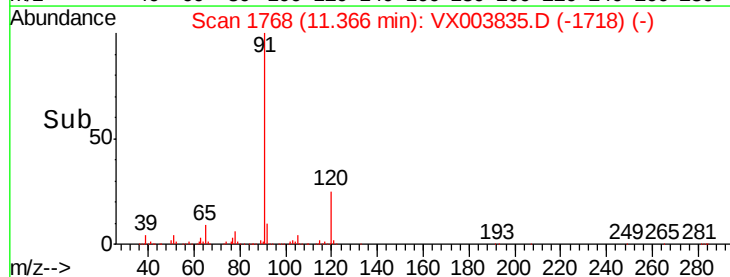
91 100

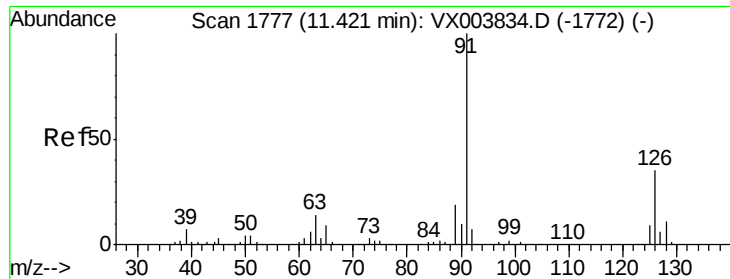
120 23.9 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

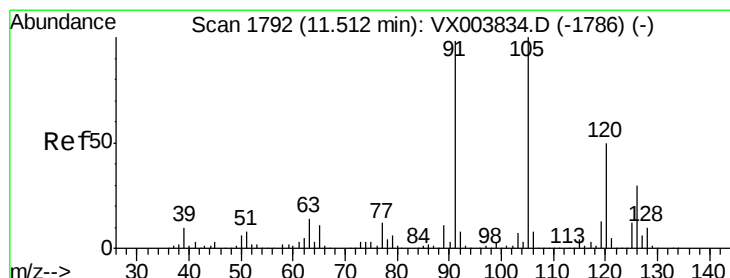
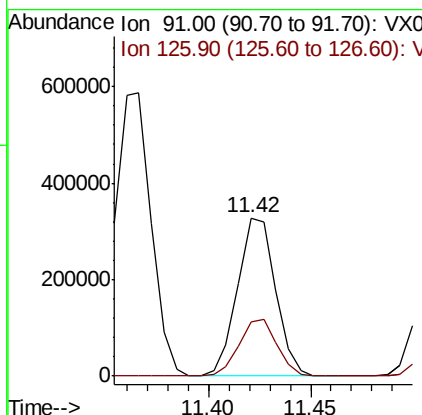
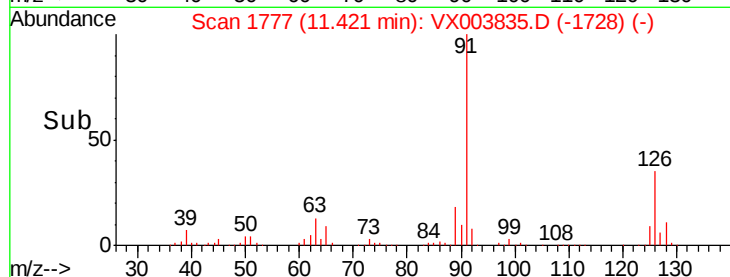
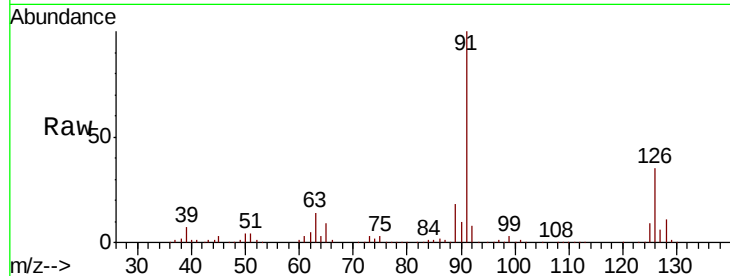




#79
 2-Chlorotoluene
 Concen: 93.715 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

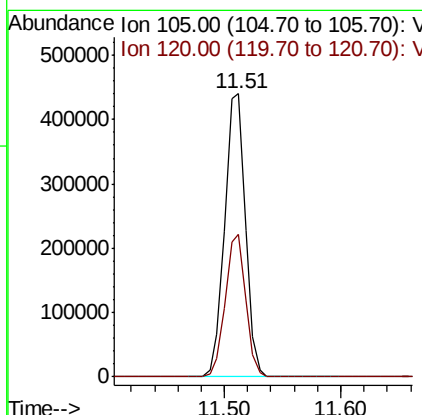
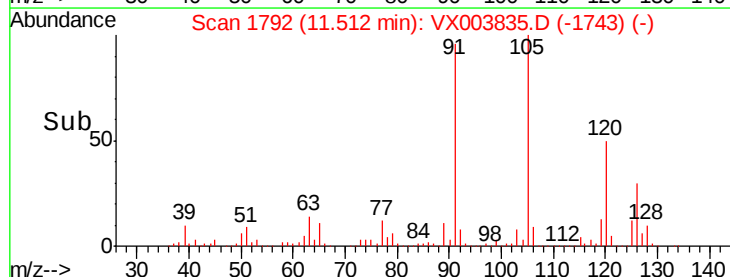
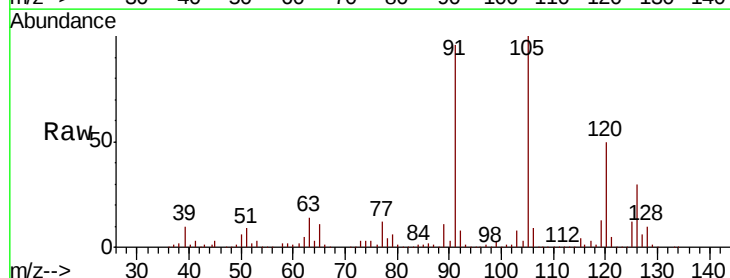
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

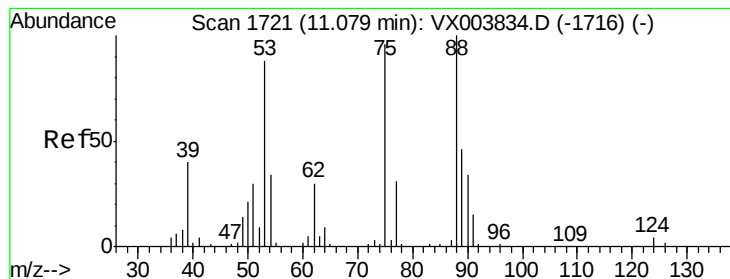
Tgt Ion: 91 Resp: 424716
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 99.643 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion: 105 Resp: 542497
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 101.971 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

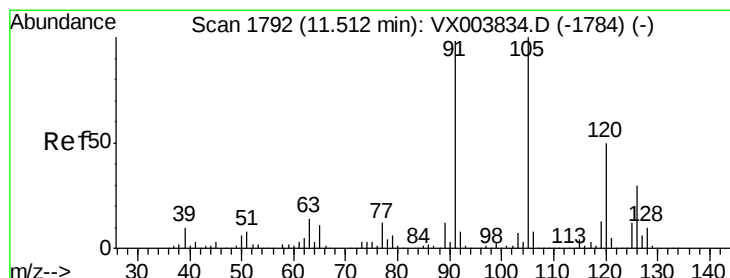
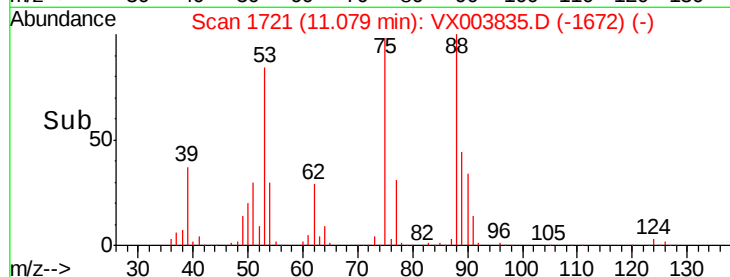
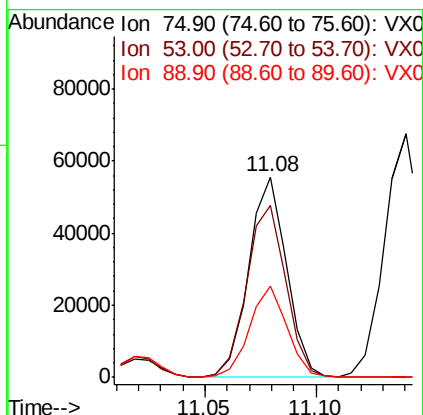
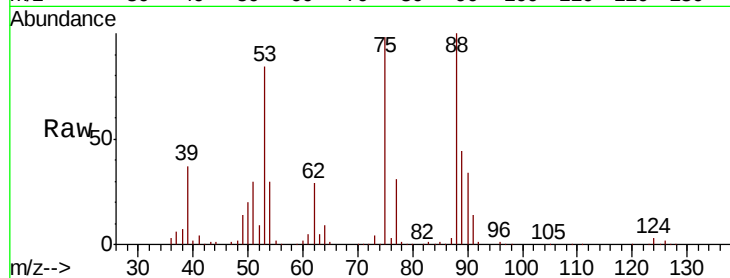
Tgt Ion: 75 Resp: 65563

Ion Ratio Lower Upper

75 100

53 89.9 74.9 112.3

89 45.2 36.6 54.8



#82

4-Chlorotoluene

Concen: 95.198 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003835.D

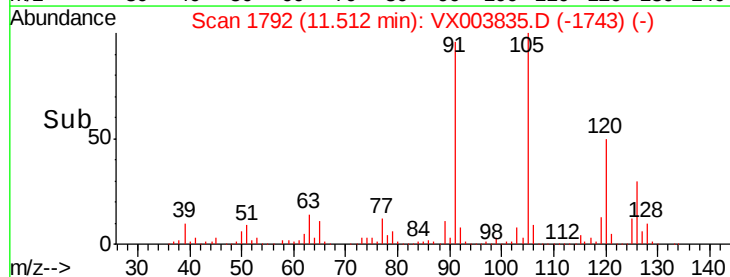
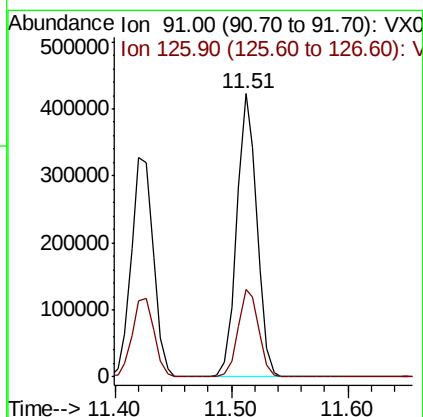
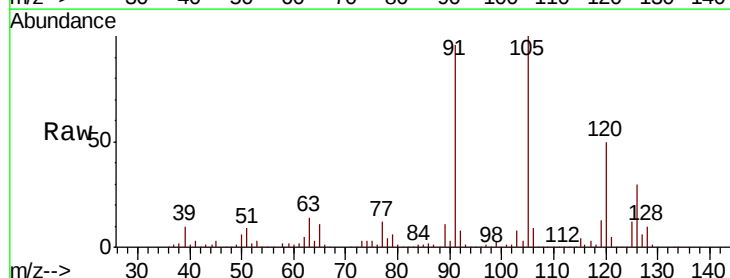
Acq: 02 Aug 2018 20:42

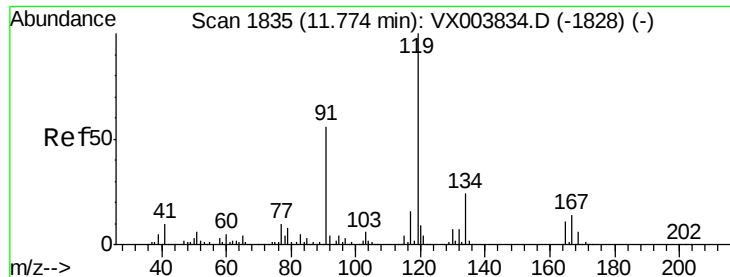
Tgt Ion: 91 Resp: 507872

Ion Ratio Lower Upper

91 100

126 31.6 16.0 47.9

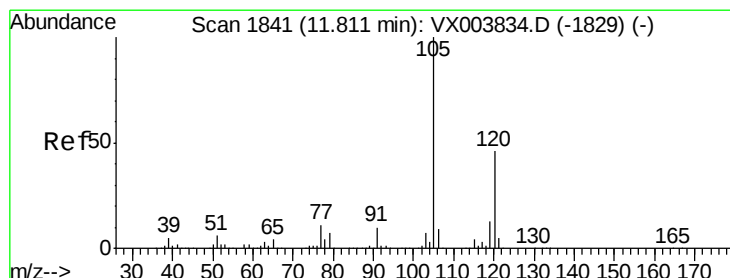
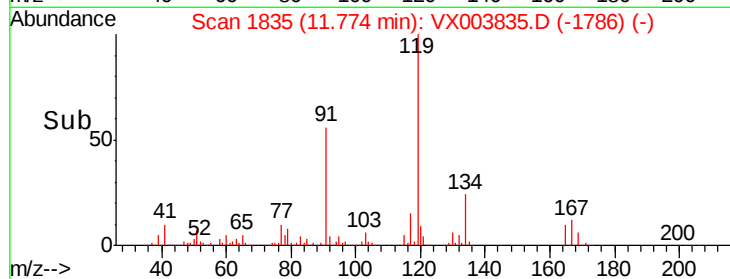
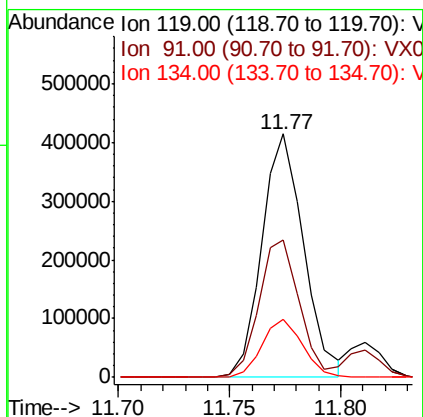
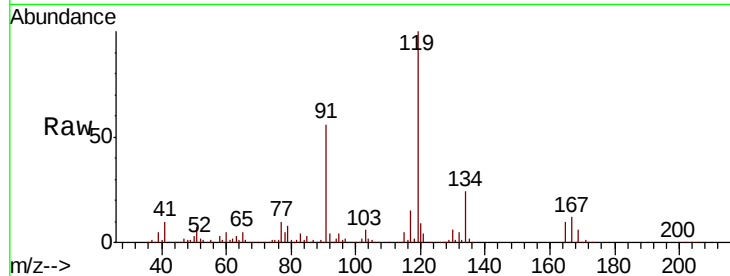




#83
 tert-Butylbenzene
 Concen: 101.442 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

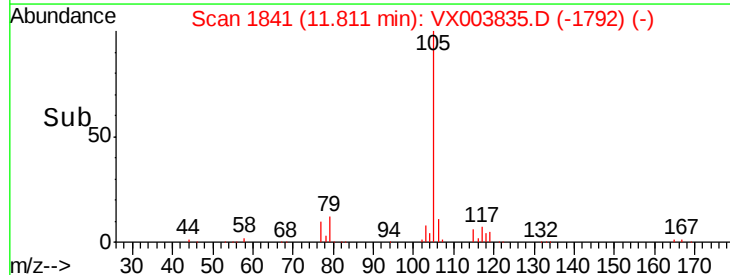
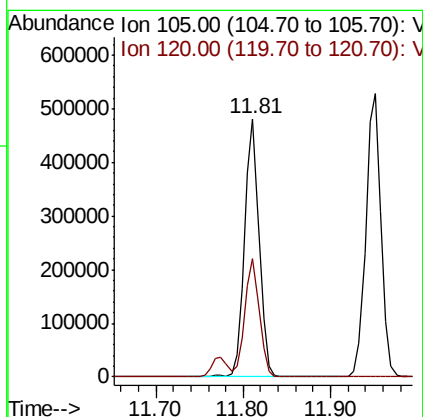
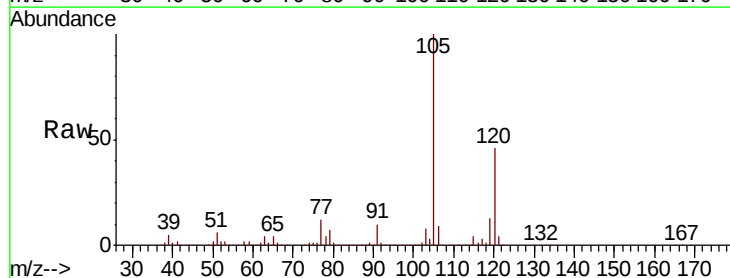
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

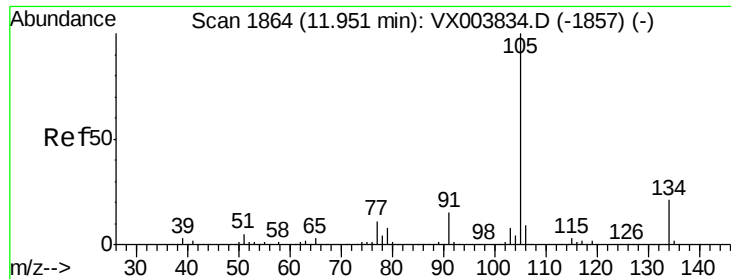
Tgt Ion:119 Resp: 540315
 Ion Ratio Lower Upper
 119 100
 91 54.1 26.6 79.7
 134 23.1 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 99.680 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion:105 Resp: 559571
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5

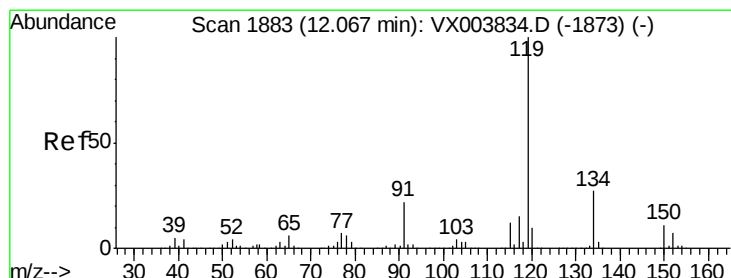
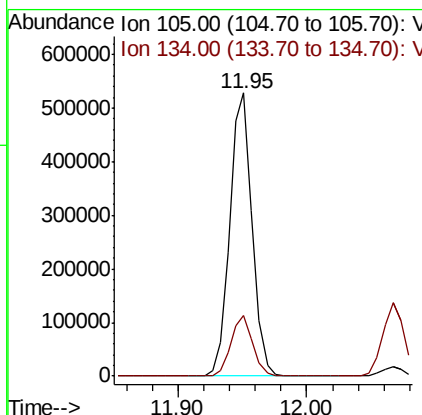
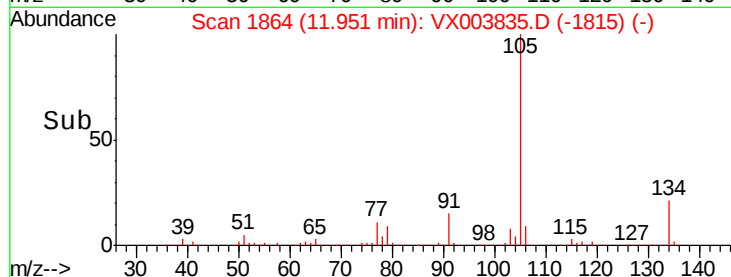
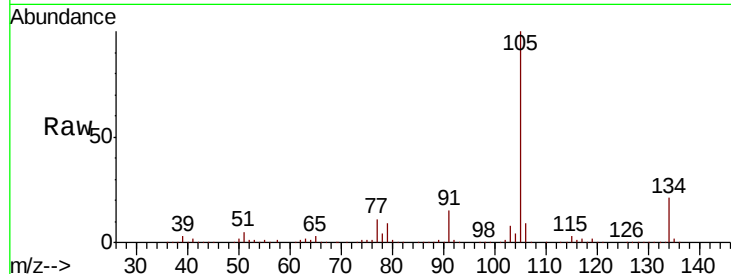




#85
 sec-Butylbenzene
 Concen: 101.658 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

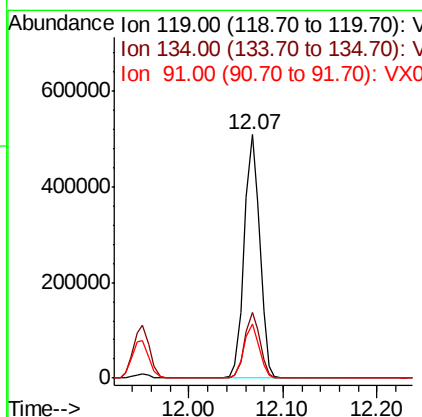
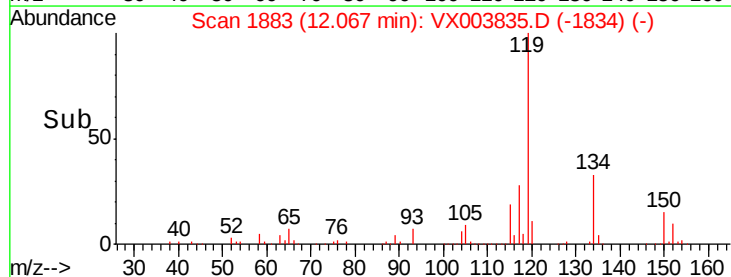
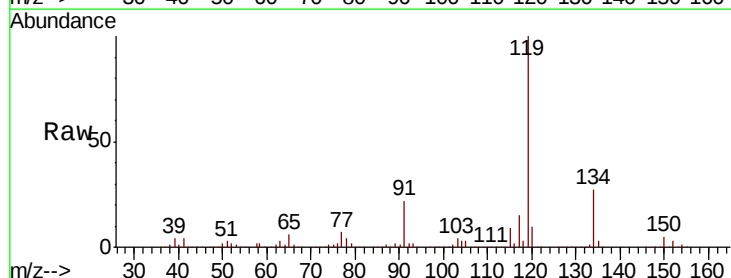
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

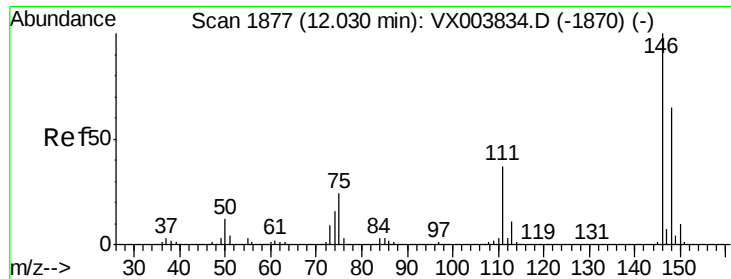
Tgt Ion:105 Resp: 638300
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 103.303 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion:119 Resp: 585157
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 22.1 11.1 33.1

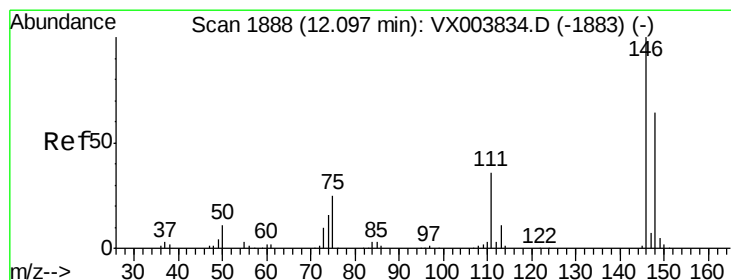
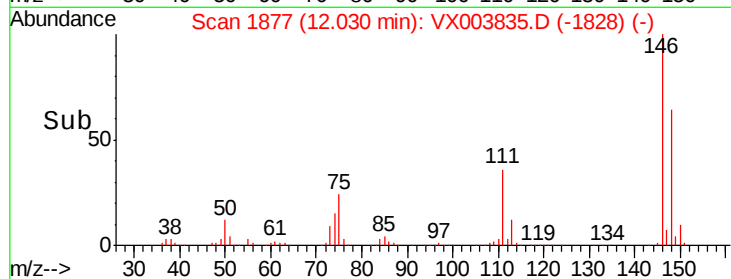
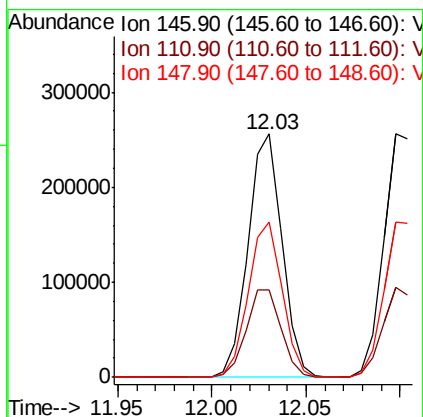
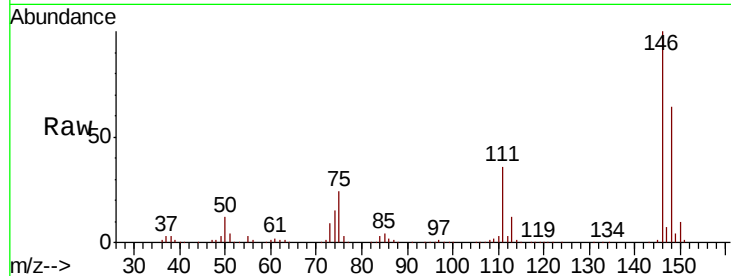




#87
 1,3-Dichlorobenzene
 Concen: 97.124 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

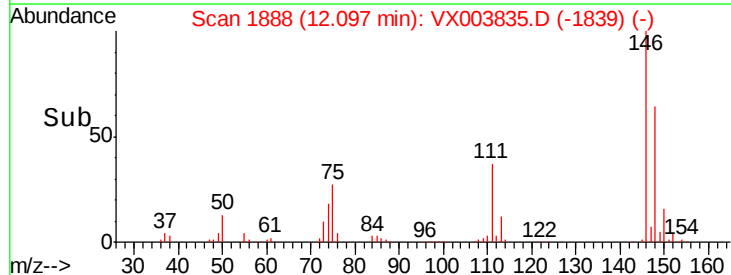
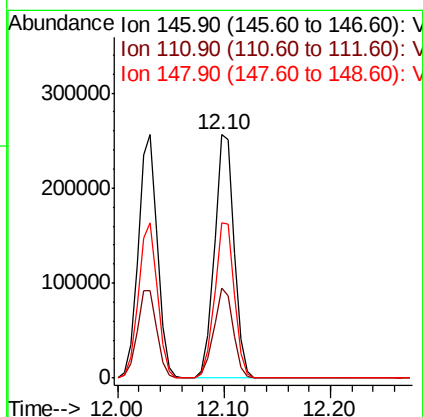
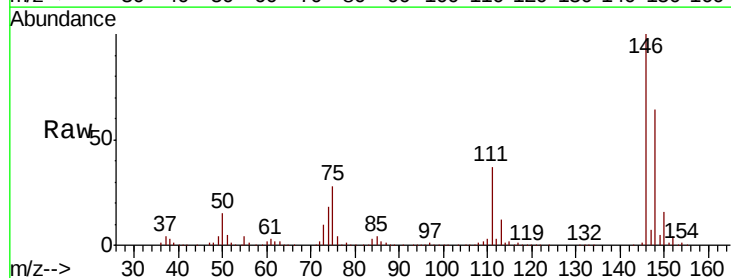
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

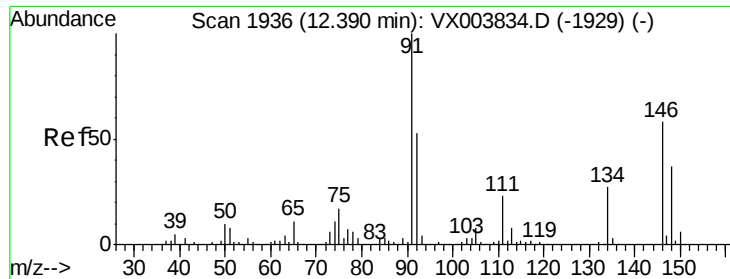
Tgt Ion:146 Resp: 320288
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.8 56.4
 148 63.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 94.848 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion:146 Resp: 325421
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.3
 148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 101.318 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003835.D

Acq: 02 Aug 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

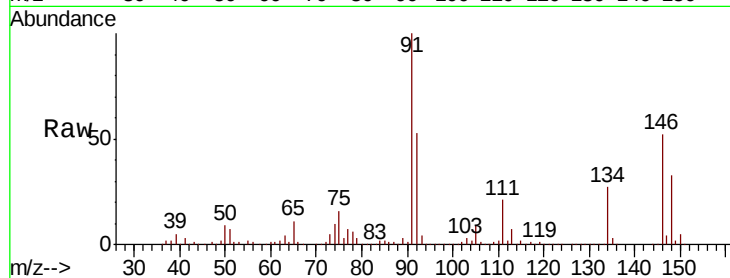
Tgt Ion: 91 Resp: 513075

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

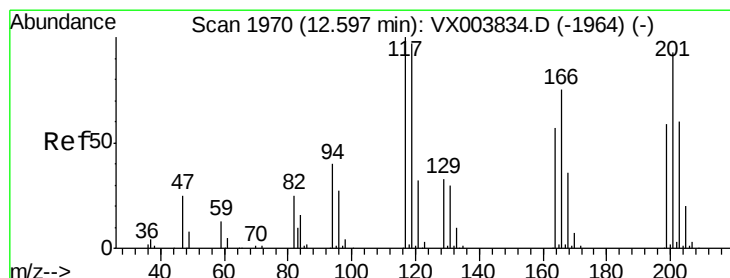
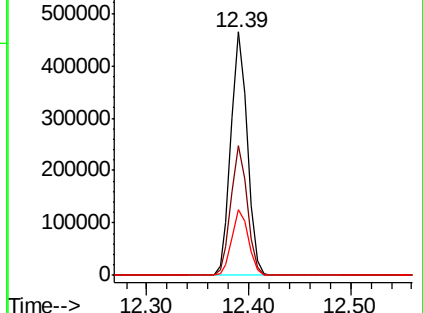
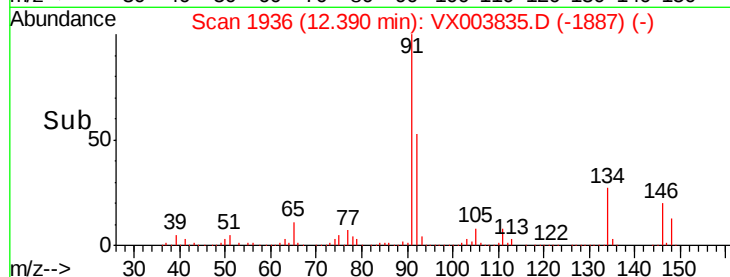
134 27.2 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX003835.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX003835.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX003835.D (-1887) (-)



#90

Hexachloroethane

Concen: 108.479 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003835.D

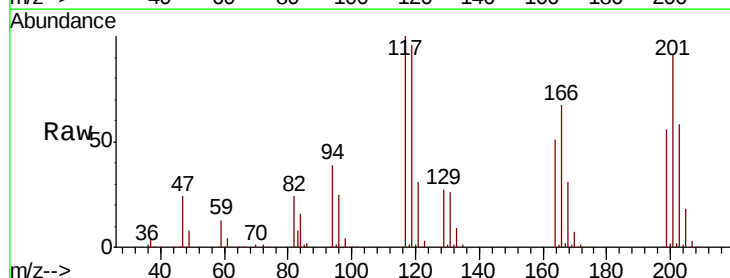
Acq: 02 Aug 2018 20:42

Tgt Ion: 117 Resp: 94575

Ion Ratio Lower Upper

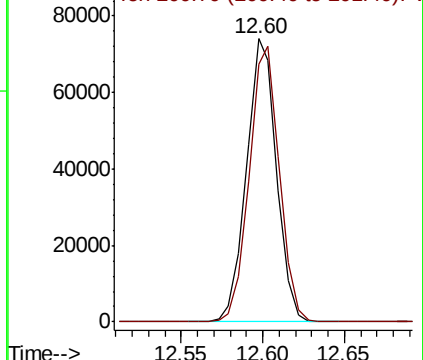
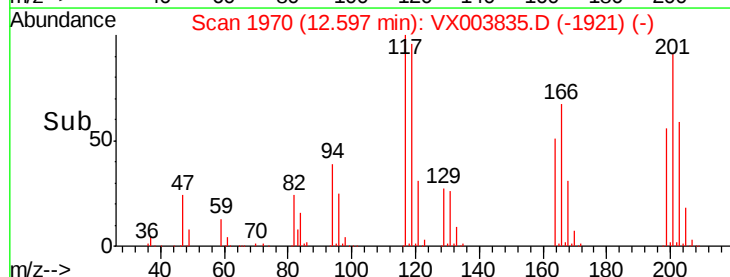
117 100

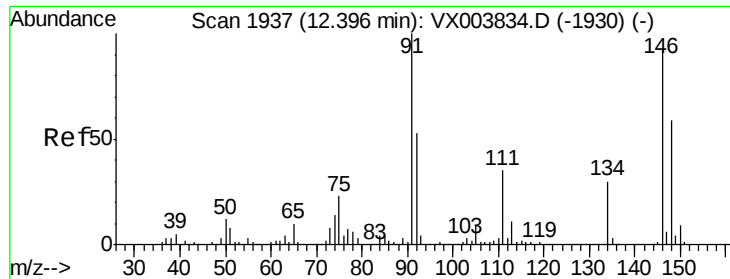
201 97.8 49.9 149.6



Abundance Ion 116.80 (116.50 to 117.50): VX003835.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX003835.D (-1921) (-)

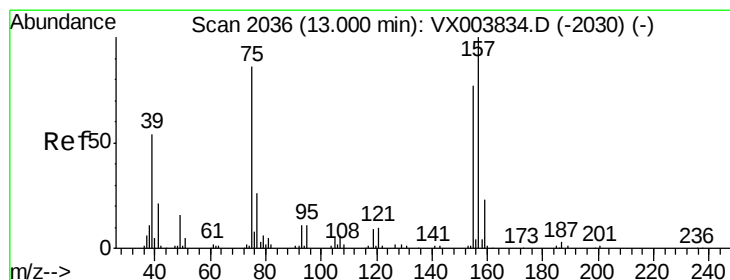
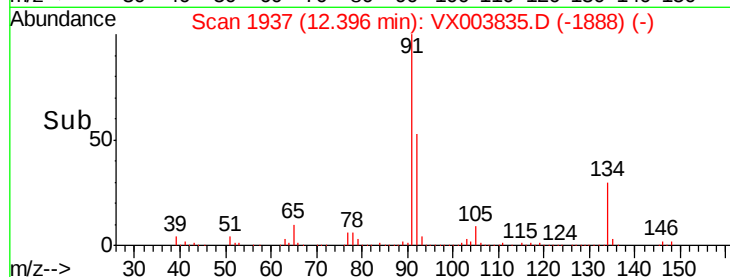
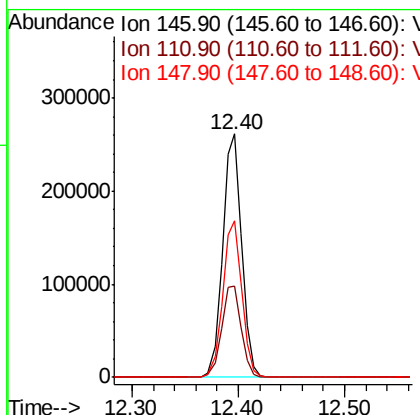
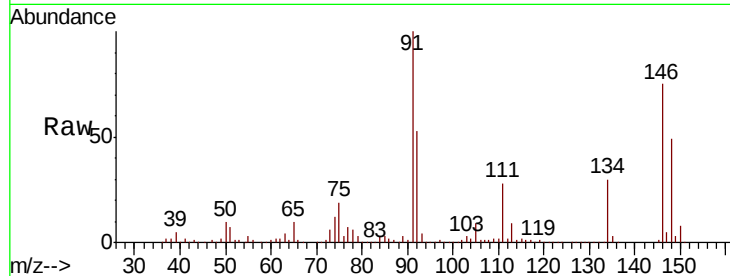




#91
 1,2-Dichlorobenzene
 Concen: 96.138 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

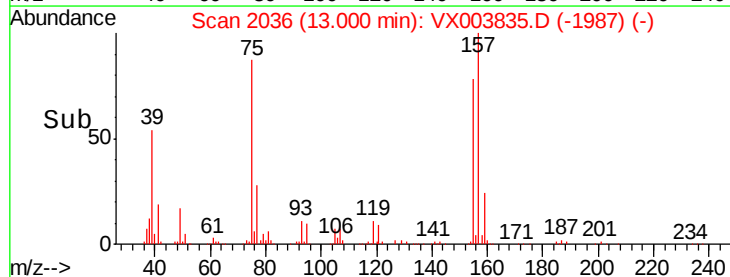
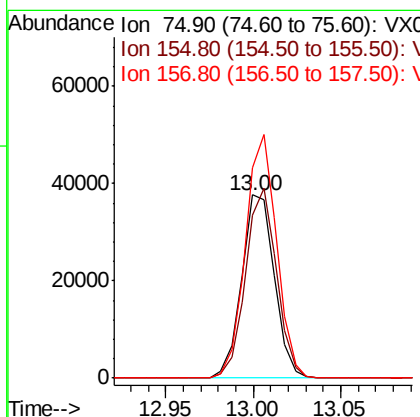
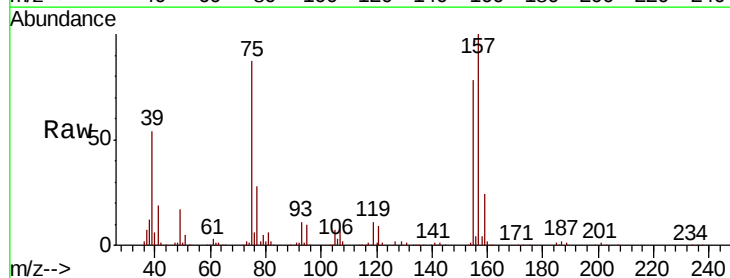
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

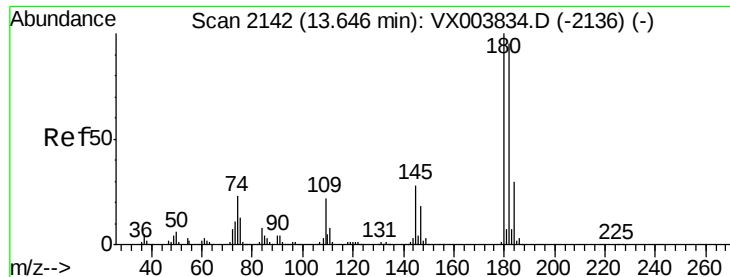
Tgt Ion: 146 Resp: 324786
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.5
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 97.272 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion: 75 Resp: 48868
 Ion Ratio Lower Upper
 75 100
 155 98.6 49.5 148.3
 157 127.1 64.5 193.5

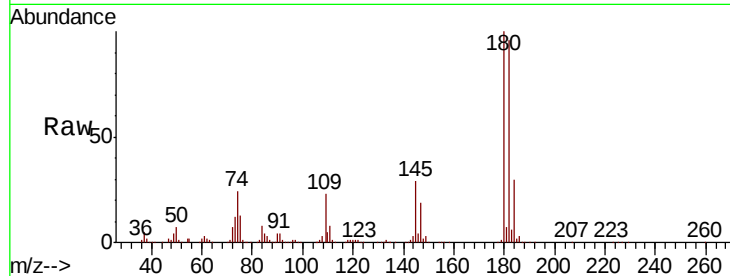




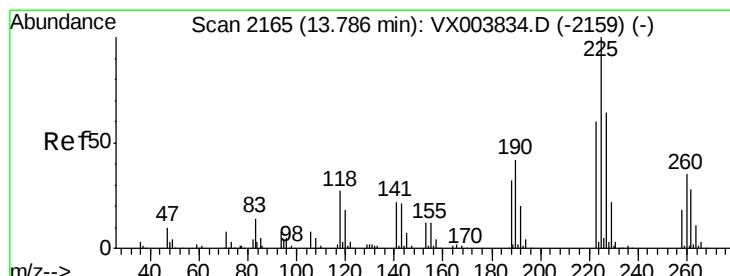
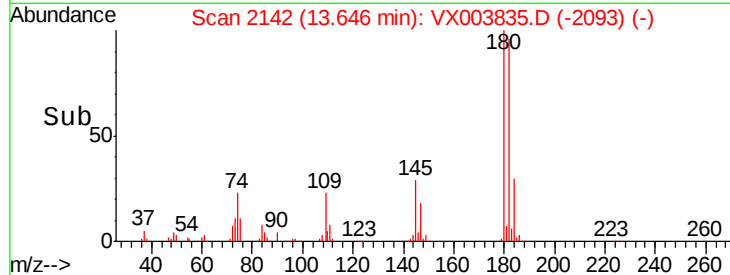
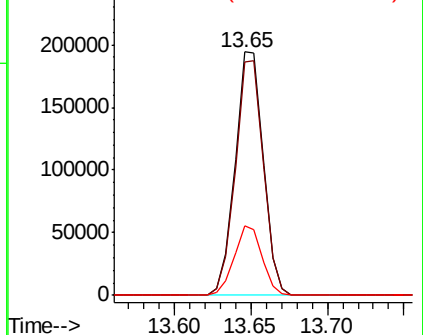
#93
 1,2,4-Trichlorobenzene
 Concen: 102.778 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 247676
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.6 142.9
 145 28.0 13.8 41.3

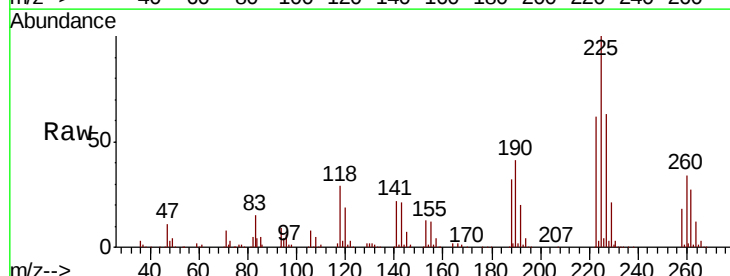


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

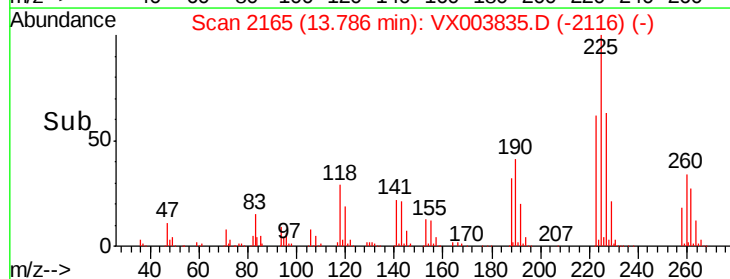
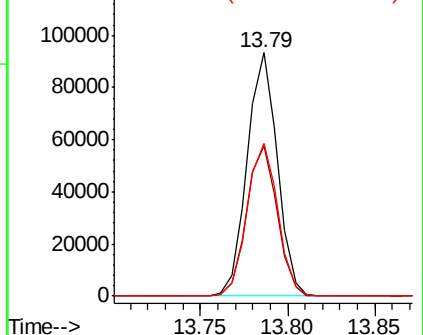


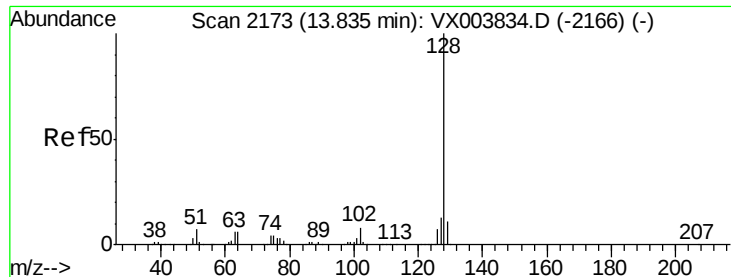
#94
 Hexachlorobutadiene
 Concen: 103.077 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003835.D
 Acq: 02 Aug 2018 20:42

Tgt Ion:225 Resp: 112094
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.4 91.3
 227 63.4 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

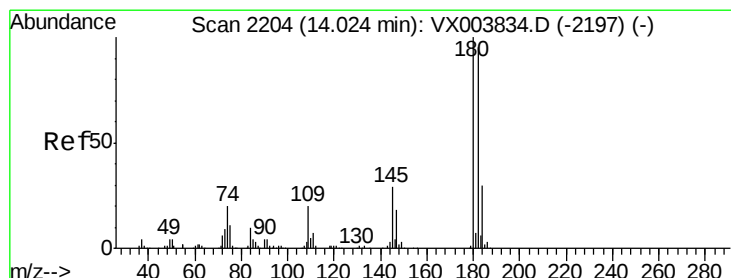
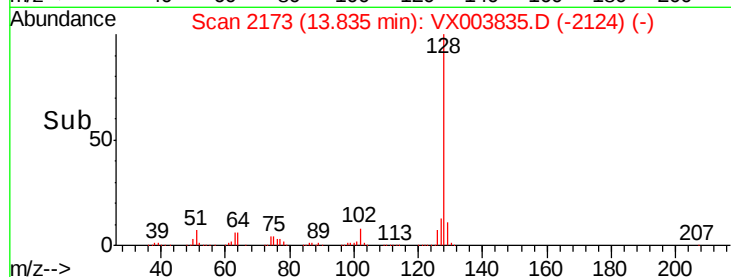
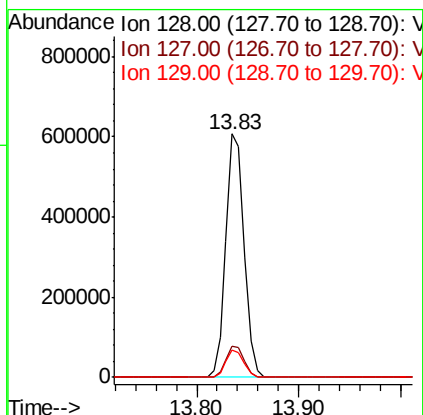
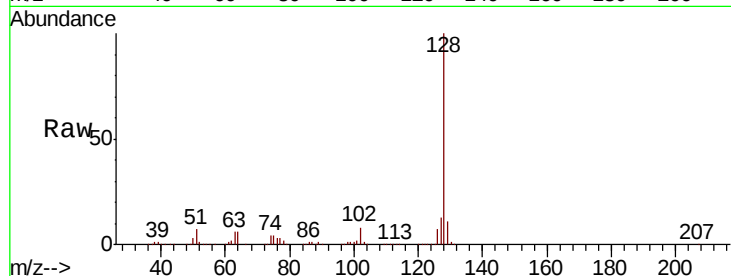




#95
Naphthalene
Concen: 103.122 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 102.353 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003835.D
Acq: 02 Aug 2018 20:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.4
145	29.5	14.6	44.0

