

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010353.D
 Acq On : 20 Jun 2019 12:11
 Operator : JC/SP
 Sample : VX0620WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Quant Time: Jun 21 01:20:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	308410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	446514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	404660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208980	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	136856	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	5.49	113	135421	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	8.71	98	517359	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	185676	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	40814	19.035	ug/l 98
3) Chloromethane	1.32	50	47149	18.884	ug/l 96
4) Vinyl Chloride	1.41	62	49538	18.115	ug/l 99
5) Bromomethane	1.64	94	29535	22.169	ug/l 98
6) Chloroethane	1.72	64	29928	18.550	ug/l 95
7) Trichlorofluoromethane	1.93	101	83819	19.335	ug/l 94
8) Diethyl Ether	2.18	74	30181	19.414	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50516	19.229	ug/l 99
10) Methyl Iodide	2.51	142	61786	16.480	ug/l 100
11) Tert butyl alcohol	3.04	59	66626	88.054	ug/l 98
12) 1,1-Dichloroethene	2.37	96	50679	18.958	ug/l 97
13) Acrolein	2.29	56	38242	76.188	ug/l 100
14) Allyl chloride	2.73	41	72247	19.036	ug/l 100
15) Acrylonitrile	3.14	53	137889	92.044	ug/l 100
16) Acetone	2.44	43	132584	91.487	ug/l 99
17) Carbon Disulfide	2.57	76	132324	18.450	ug/l 100
18) Methyl Acetate	2.77	43	52985	18.344	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	159043	18.912	ug/l 99
20) Methylene Chloride	2.85	84	55298	18.542	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	53474	18.599	ug/l 99
22) Diisopropyl ether	3.85	45	148352	18.696	ug/l 96
23) Vinyl Acetate	3.81	43	655221	95.584	ug/l 99
24) 1,1-Dichloroethane	3.70	63	86563	18.873	ug/l 99
25) 2-Butanone	4.67	43	194969	91.715	ug/l 99
26) 2,2-Dichloropropane	4.57	77	76297	19.149	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	62262	18.740	ug/l 100
28) Bromochloromethane	5.01	49	35356	16.122	ug/l 100
29) Tetrahydrofuran	5.12	42	116826	88.724	ug/l 97
30) Chloroform	5.21	83	92657	18.775	ug/l 97
31) Cyclohexane	5.57	56	81727	19.567	ug/l 91
32) 1,1,1-Trichloroethane	5.49	97	81945	18.805	ug/l 99
36) 1,1-Dichloropropene	5.80	75	68248	19.234	ug/l 99
37) Ethyl Acetate	4.82	43	68831	18.856	ug/l 98
38) Carbon Tetrachloride	5.78	117	74033	19.268	ug/l 96

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 ClientSampleId :
 VX0620WBS01

Quant Time: Jun 21 01:20:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92102	19.747	ug/l	100
40) Benzene	6.14	78	216527	19.587	ug/l	98
41) Methacrylonitrile	5.04	41	37068	18.508	ug/l	97
42) 1,2-Dichloroethane	6.18	62	66160	19.661	ug/l	99
43) Isopropyl Acetate	6.44	43	115204	19.076	ug/l	99
44) Trichloroethene	7.21	130	64714	19.564	ug/l	96
45) 1,2-Dichloropropane	7.51	63	53221	19.065	ug/l	99
46) Dibromomethane	7.66	93	38738	19.341	ug/l	99
47) Bromodichloromethane	7.89	83	71364	19.442	ug/l	99
48) Methyl methacrylate	7.76	41	53541	19.073	ug/l	99
49) 1,4-Dioxane	7.74	88	31503	389.564	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	366339	94.844	ug/l	100
52) Toluene	8.78	92	141972	19.502	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	79469	19.311	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	86183	19.272	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	58324	19.426	ug/l	100
56) Ethyl methacrylate	9.18	69	86333	18.982	ug/l	99
57) 1,3-Dichloropropane	9.37	76	90216	19.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	200904	93.010	ug/l	100
59) 2-Hexanone	9.49	43	287925	94.714	ug/l	99
60) Dibromochloromethane	9.58	129	63589	18.916	ug/l	99
61) 1,2-Dibromoethane	9.67	107	62072	19.154	ug/l	99
64) Tetrachloroethene	9.34	164	66604	20.350	ug/l	93
65) Chlorobenzene	10.13	112	161625	19.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	58551	19.566	ug/l	97
67) Ethyl Benzene	10.25	91	271857	19.601	ug/l	100
68) m/p-Xylenes	10.35	106	212839	39.605	ug/l	100
69) o-Xylene	10.69	106	102544	19.403	ug/l	99
70) Styrene	10.71	104	173075	19.528	ug/l	99
71) Bromoform	10.85	173	50285	19.323	ug/l #	98
73) Isopropylbenzene	11.02	105	275598	19.455	ug/l	99
74) N-amyl acetate	10.90	43	101661	18.989	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	87318	18.612	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	98031	25.742	ug/l	82
77) Bromobenzene	11.25	156	74432	18.817	ug/l	99
78) n-propylbenzene	11.36	91	305120	19.597	ug/l	100
79) 2-Chlorotoluene	11.42	91	178274	19.229	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	227680	19.496	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30071	18.422	ug/l	97
82) 4-Chlorotoluene	11.51	91	202066	19.154	ug/l	97
83) tert-Butylbenzene	11.77	119	228621	19.505	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	228605	19.484	ug/l	98
85) sec-Butylbenzene	11.94	105	269753	19.601	ug/l	100
86) p-Isopropyltoluene	12.06	119	250072	19.644	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	134651	19.501	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	134015	19.065	ug/l	99
89) n-Butylbenzene	12.38	91	211841	19.584	ug/l	100
90) Hexachloroethane	12.59	117	42651	19.377	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	132221	19.267	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17441	17.243	ug/l	99

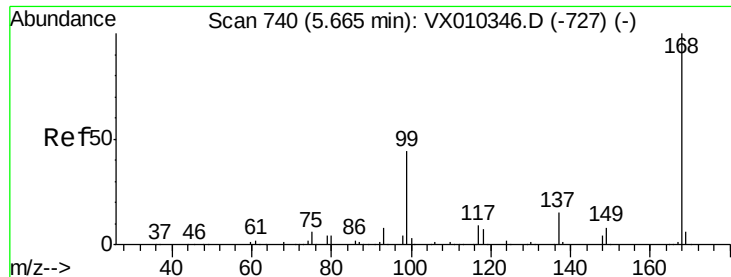
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VX0620WBS01

Quant Time: Jun 21 01:20:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93325	19.610	ug/l	99
94) Hexachlorobutadiene	13.78	225	46296	19.905	ug/l	99
95) Naphthalene	13.83	128	279785	19.131	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	92619	19.574	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

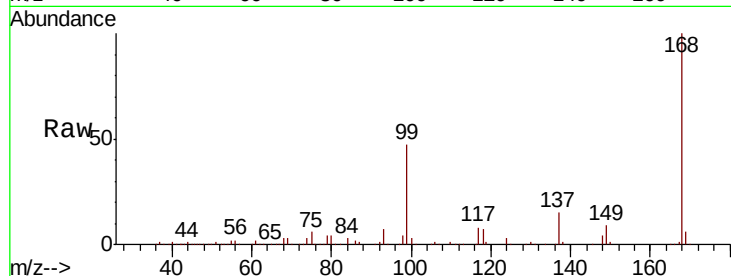
VX0620WBS01

Tot Ion:168 Resp: 308410

Ion Ratio Lower Upper

168 100

99 46.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

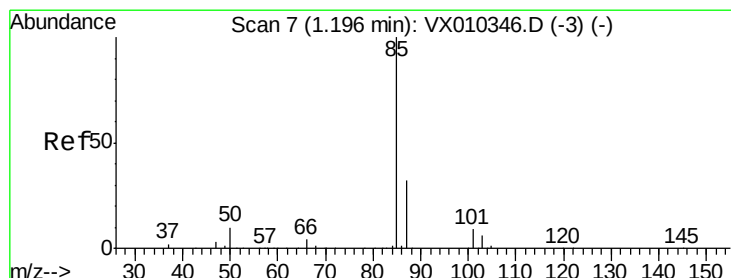
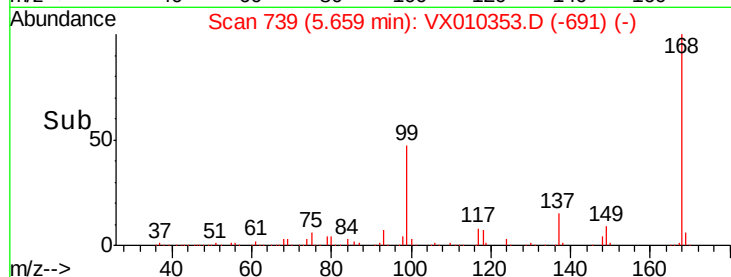
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.035 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010353.D

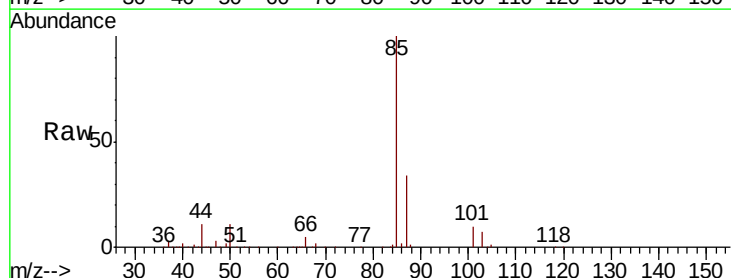
Acq: 20 Jun 2019 12:11

Tgt Ion: 85 Resp: 40814

Ion Ratio Lower Upper

85 100

87 33.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

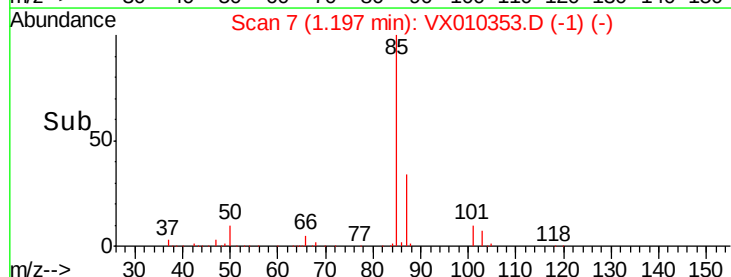
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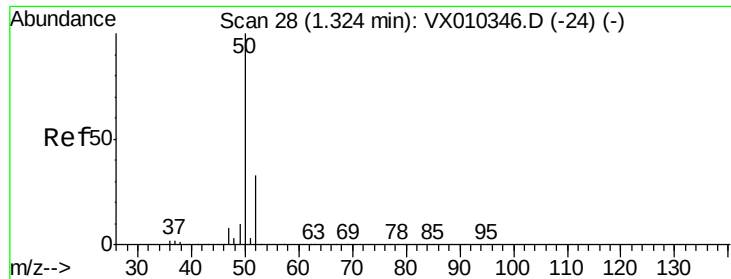
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.884 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

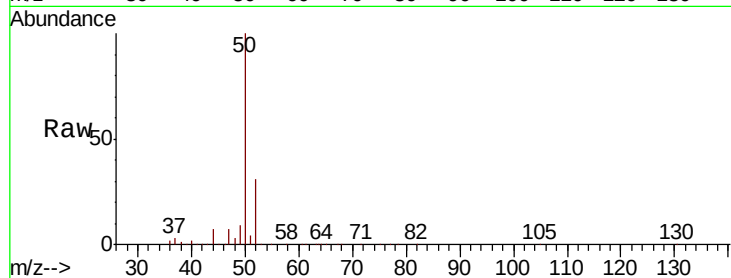
VX0620WBS01

Tot Ion: 50 Resp: 47149

Ion Ratio Lower Upper

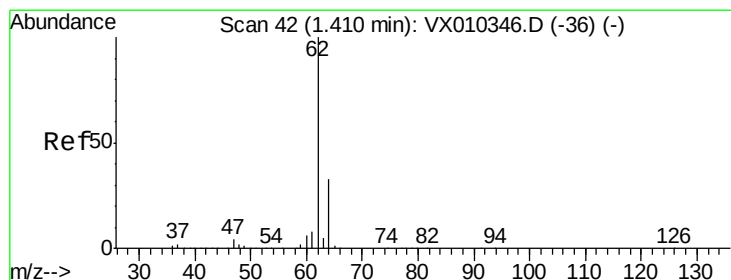
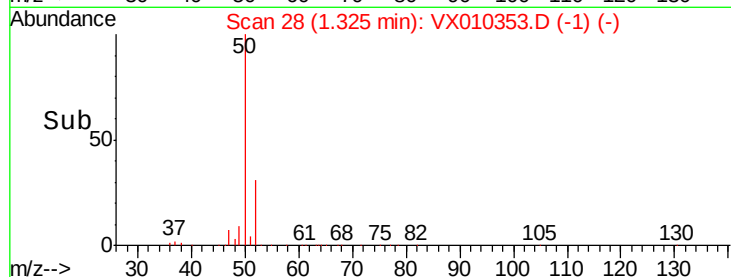
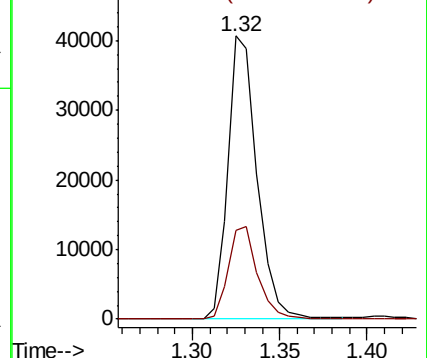
50 100

52 31.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.115 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010353.D

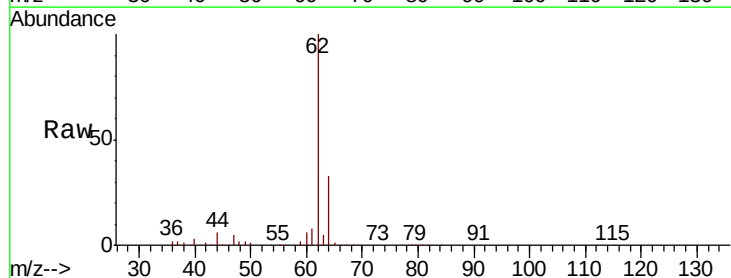
Acq: 20 Jun 2019 12:11

Tgt Ion: 62 Resp: 49538

Ion Ratio Lower Upper

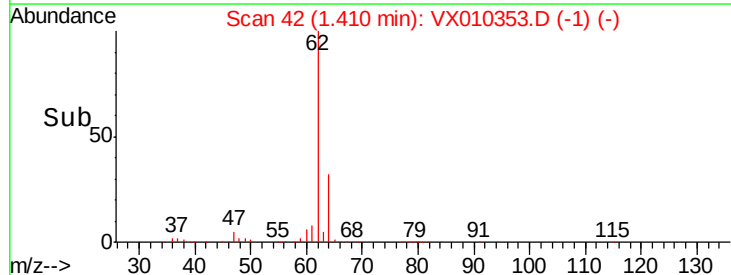
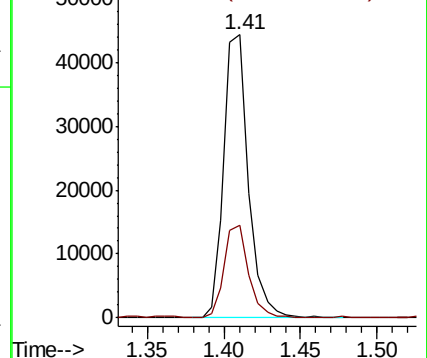
62 100

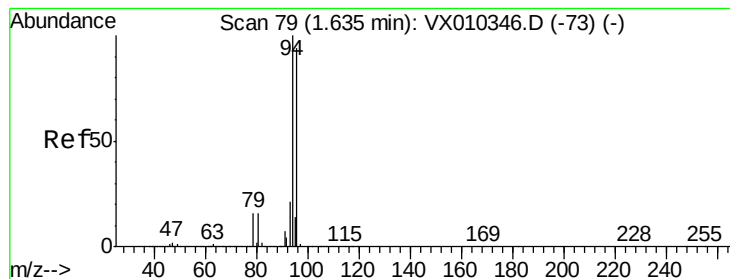
64 32.4 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.169 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

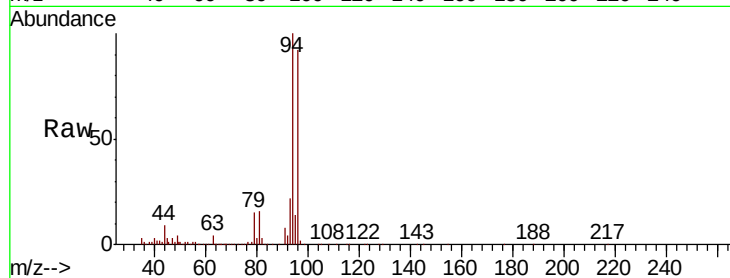
VX0620WBS01

Tot Ion: 94 Resp: 29535

Ion Ratio Lower Upper

94 100

96 92.2 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

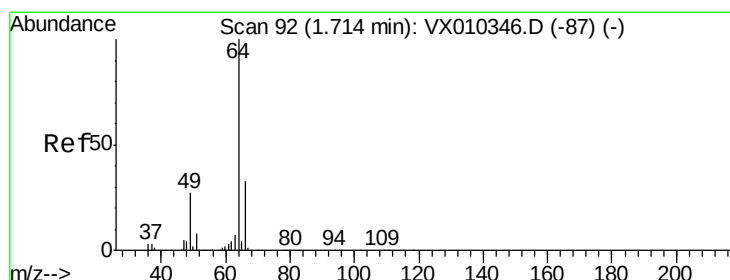
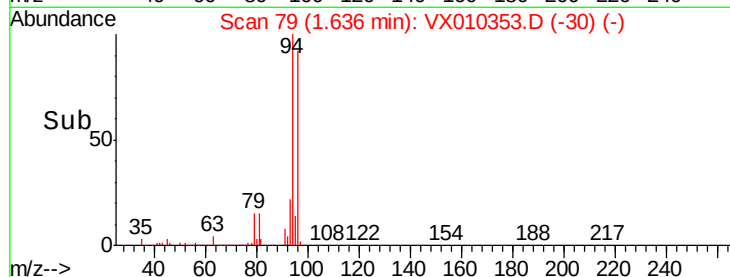
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.550 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010353.D

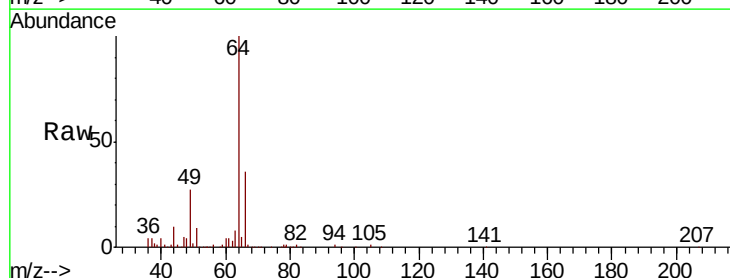
Acq: 20 Jun 2019 12:11

Tgt Ion: 64 Resp: 29928

Ion Ratio Lower Upper

64 100

66 36.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

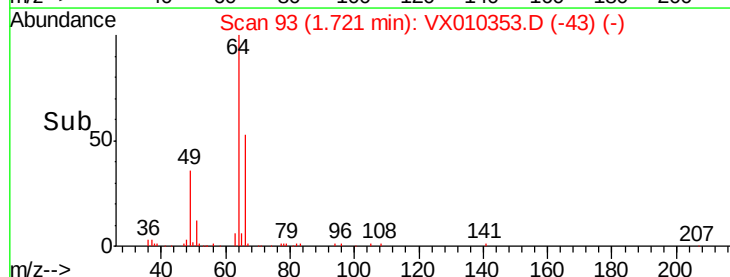
15000

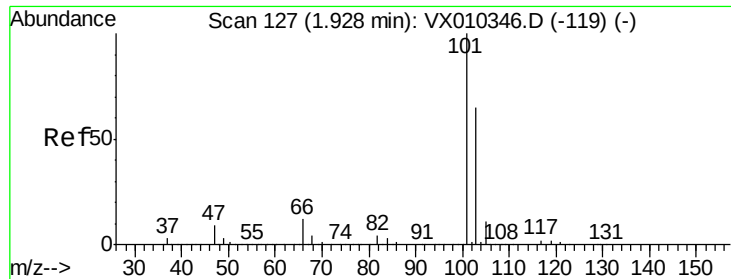
10000

5000

0

Time-->



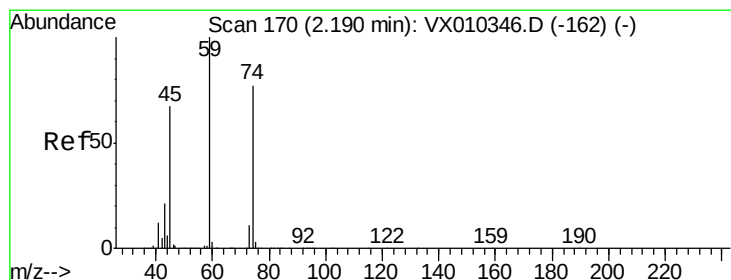
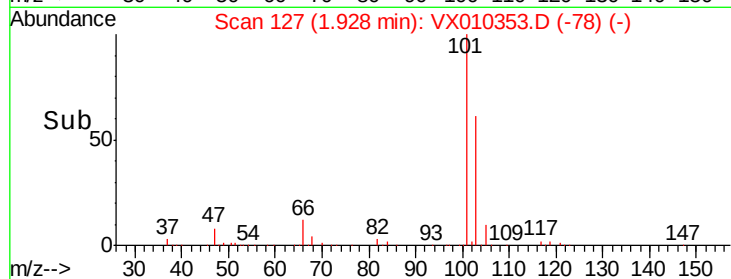
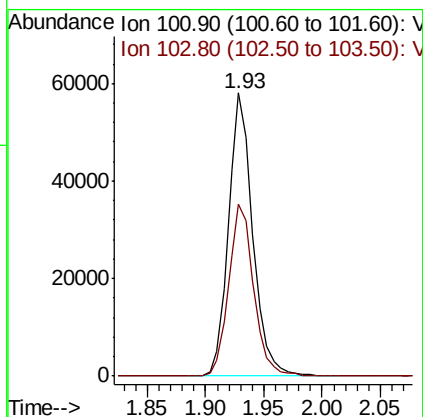
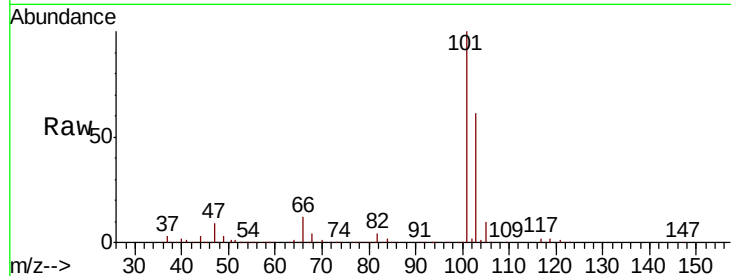


#7

Trichlorofluoromethane
 Concen: 19.335 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

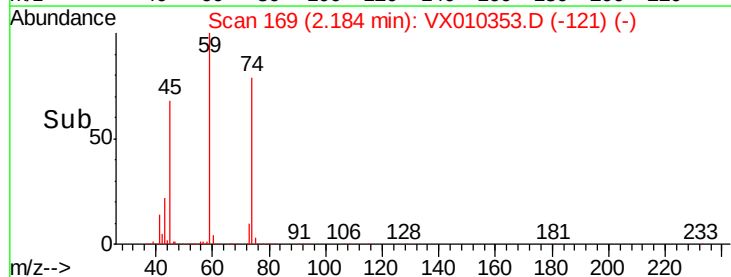
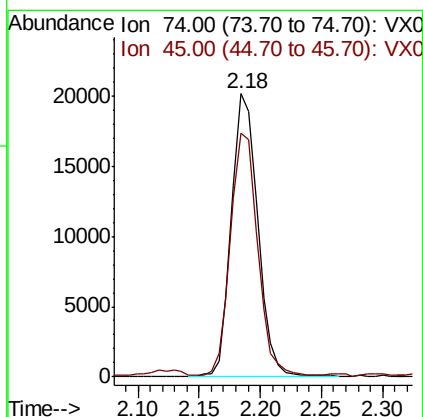
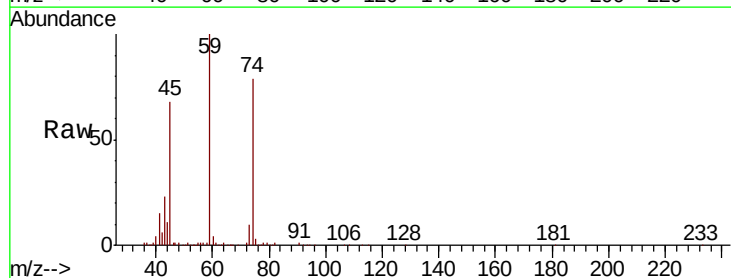
Tot Ion:101 Resp: 83819
 Ion Ratio Lower Upper
 101 100
 103 60.9 52.3 78.5

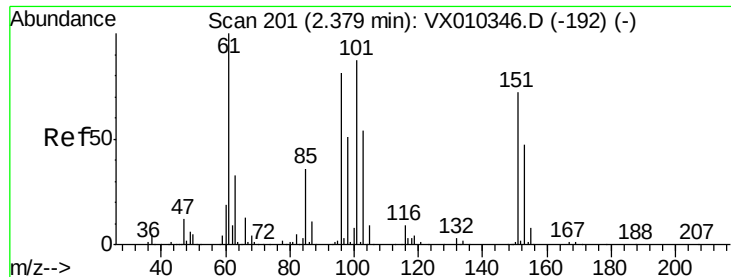


#8

Diethyl Ether
 Concen: 19.414 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion: 74 Resp: 30181
 Ion Ratio Lower Upper
 74 100
 45 87.1 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.229 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

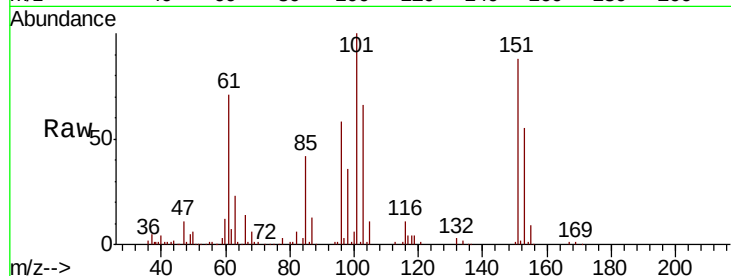
Tot Ion:101 Resp: 50516

Ion Ratio Lower Upper

101 100

85 42.5 33.7 50.5

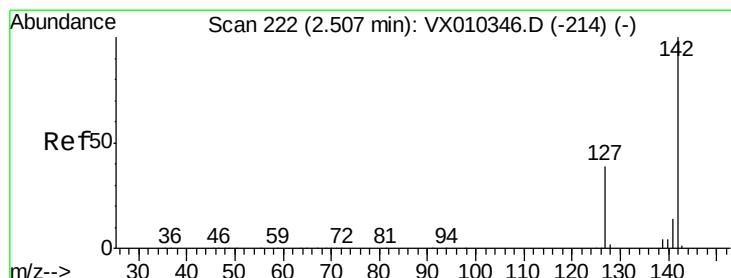
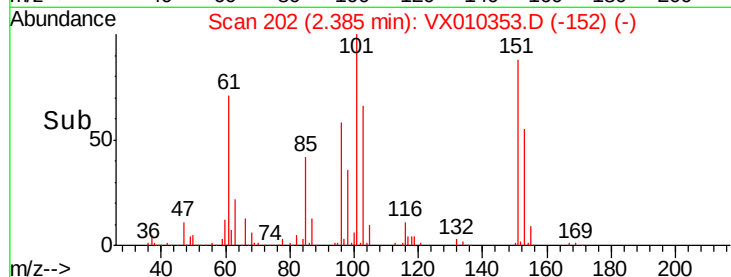
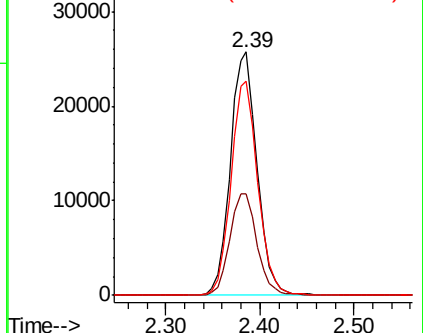
151 88.0 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.480 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

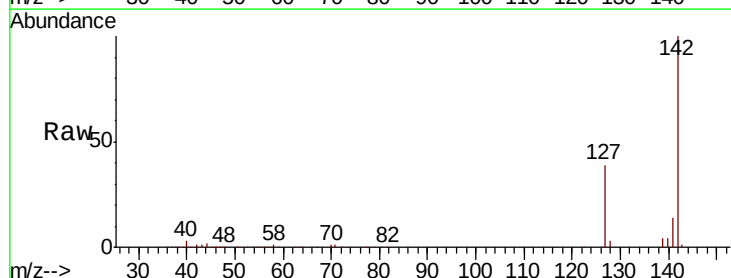
Tgt Ion:142 Resp: 61786

Ion Ratio Lower Upper

142 100

127 38.6 31.1 46.7

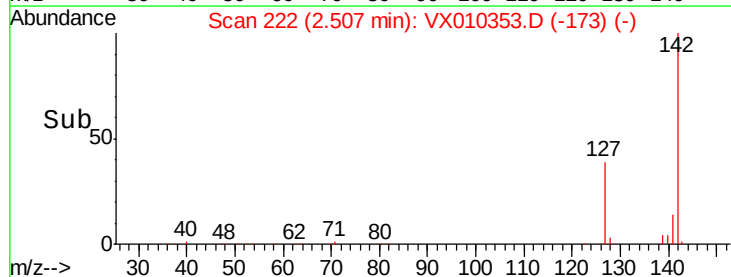
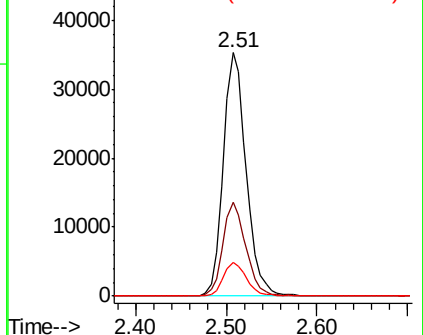
141 14.0 11.2 16.8

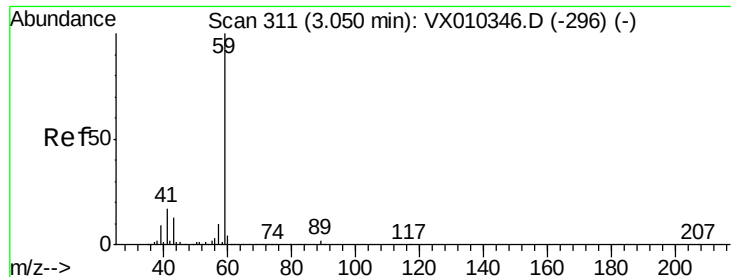


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 88.054 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

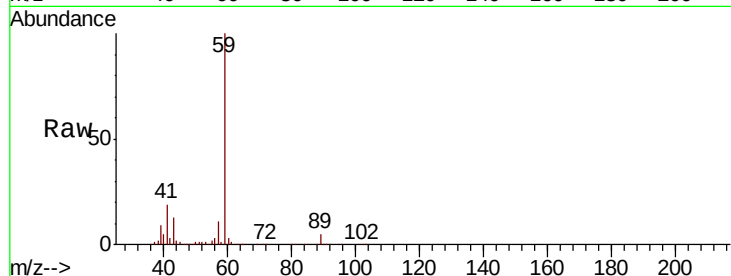
VX0620WBS01

Tot Ion: 59 Resp: 66626

Ion Ratio Lower Upper

59 100

57 10.3 7.7 11.5

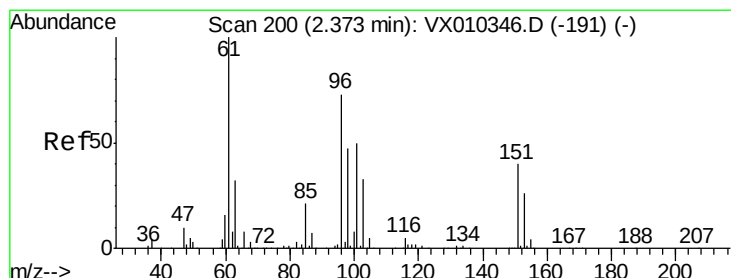
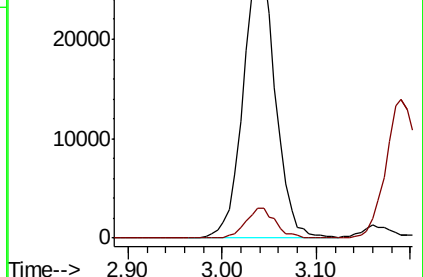
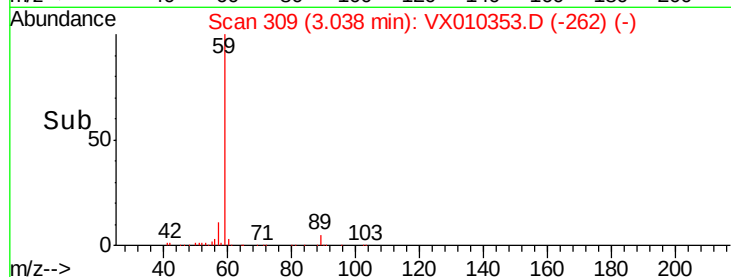


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

Time-->



#12

1,1-Dichloroethene

Concen: 18.958 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

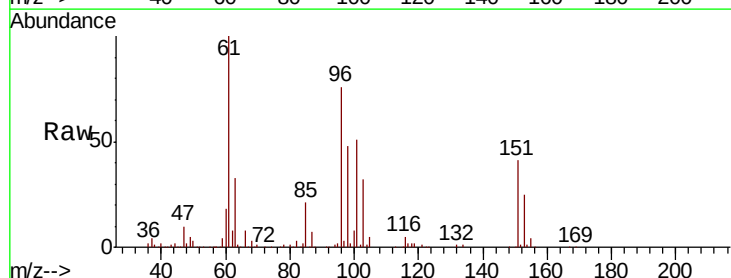
Tgt Ion: 96 Resp: 50679

Ion Ratio Lower Upper

96 100

61 132.0 109.2 163.8

98 63.5 51.1 76.7



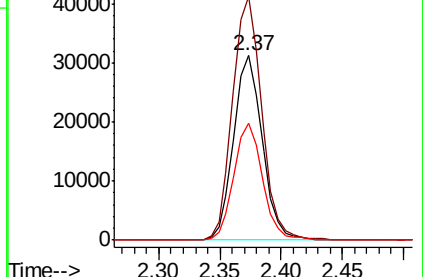
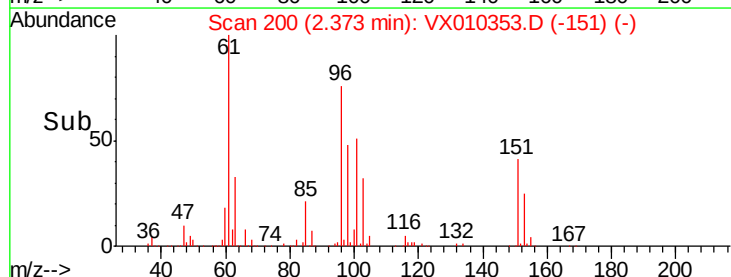
Abundance Ion 95.90 (95.60 to 96.60): VX0

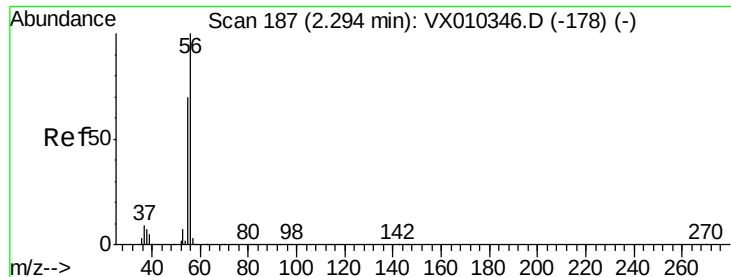
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.37

Time-->





#13

Acrolein

Concen: 76.188 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

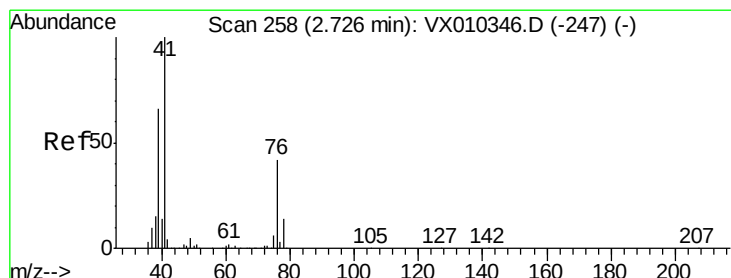
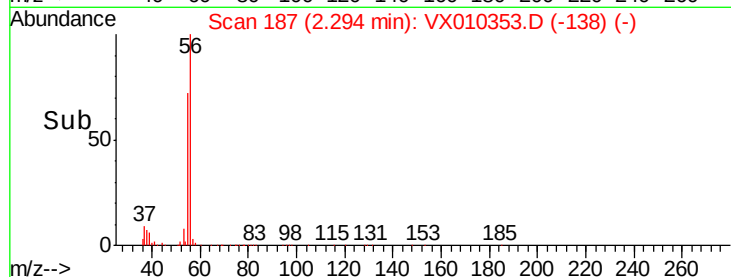
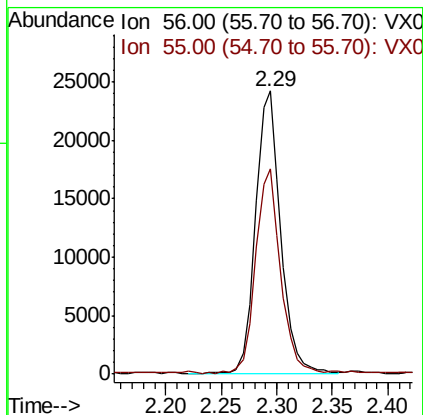
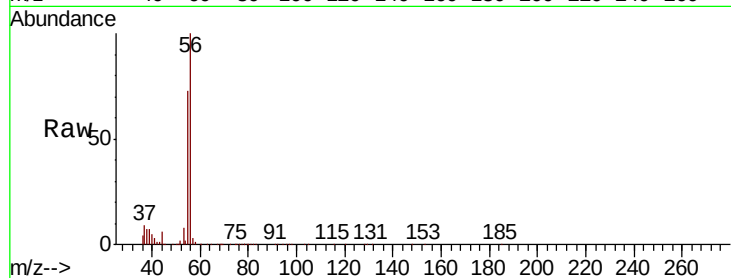
VX0620WBS01

Tot Ion: 56 Resp: 38242

Ion Ratio Lower Upper

56 100

55 70.9 56.9 85.3



#14

Allyl chloride

Concen: 19.036 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

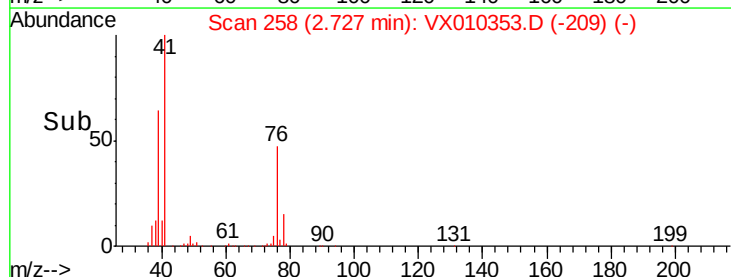
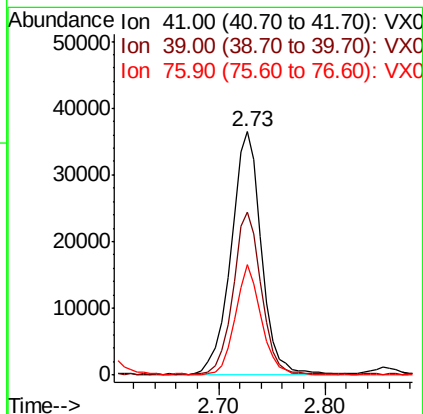
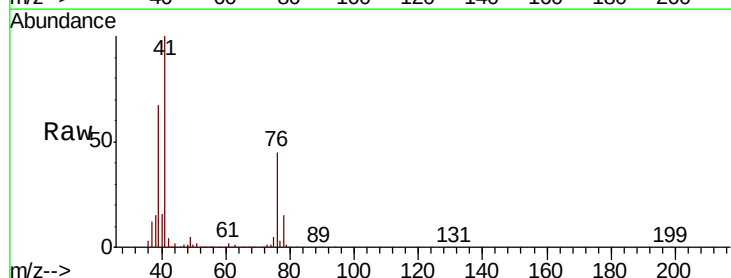
Tgt Ion: 41 Resp: 72247

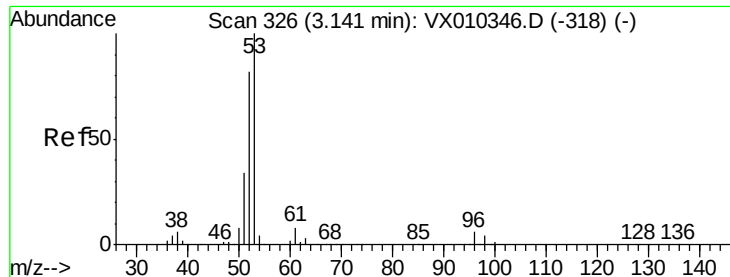
Ion Ratio Lower Upper

41 100

39 63.1 50.3 75.5

76 39.4 31.3 46.9





#15

Acrylonitrile

Concen: 92.044 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

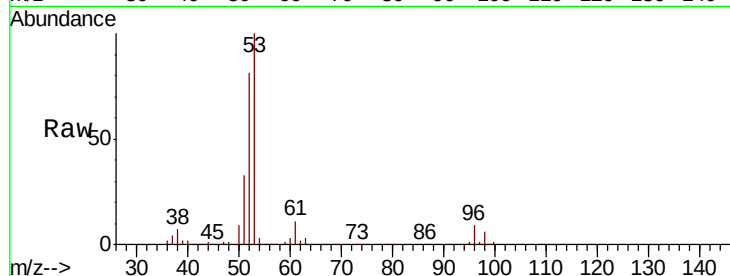
Tot Ion: 53 Resp: 137889

Ion Ratio Lower Upper

53 100

52 82.1 65.5 98.3

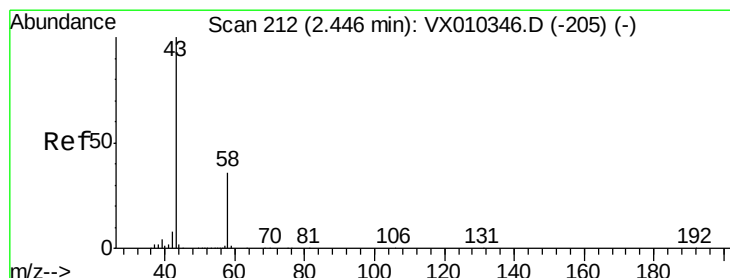
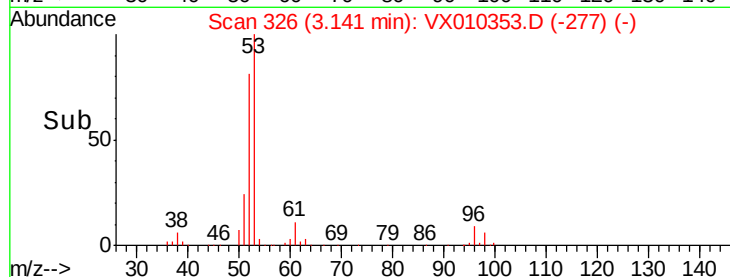
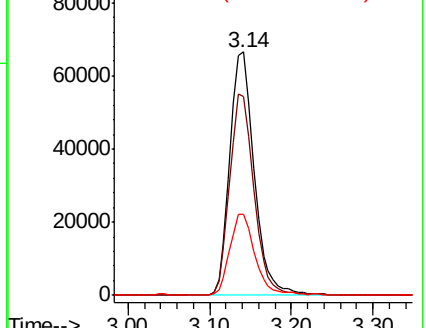
51 34.7 28.2 42.4



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: 91.487 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010353.D

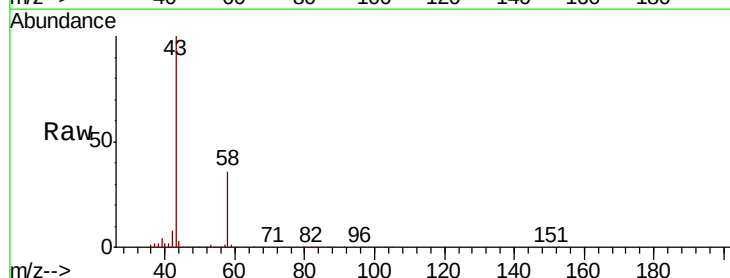
Acq: 20 Jun 2019 12:11

Tgt Ion: 43 Resp: 132584

Ion Ratio Lower Upper

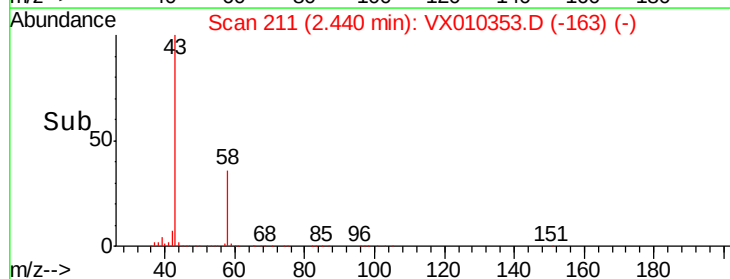
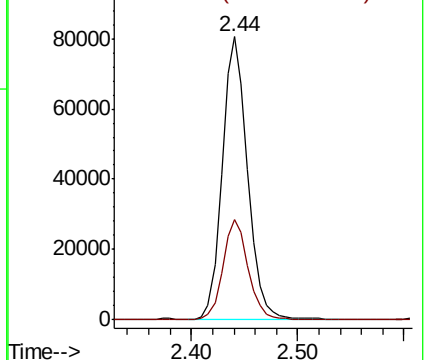
43 100

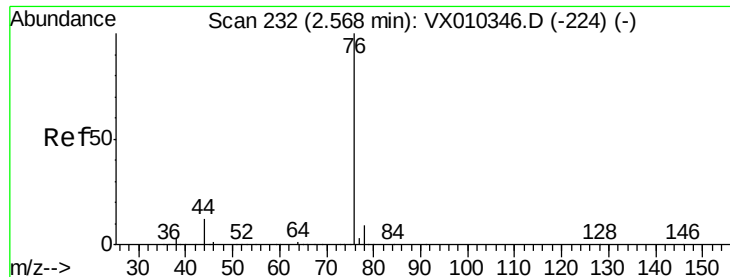
58 35.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.450 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

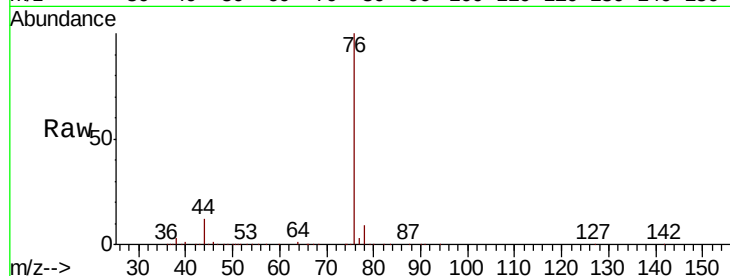
VX0620WBS01

Tot Ion: 76 Resp: 132324

Ion Ratio Lower Upper

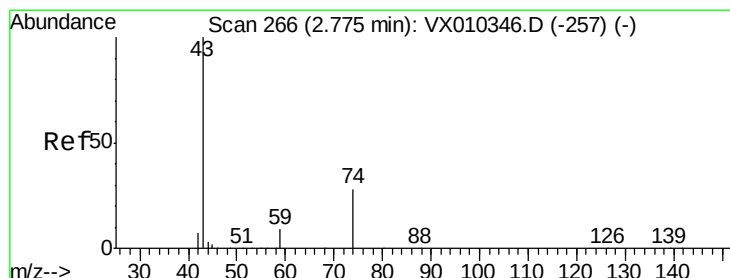
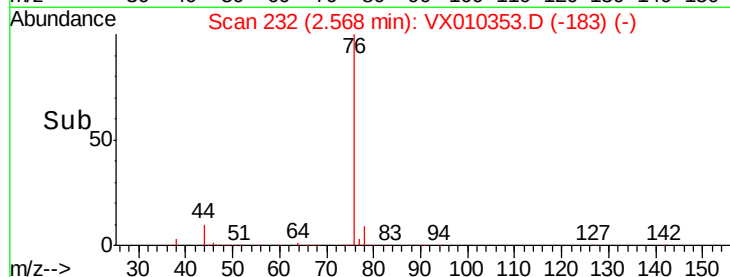
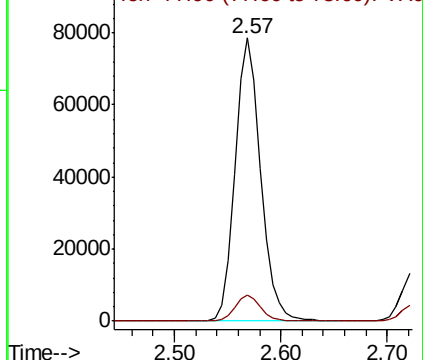
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.344 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010353.D

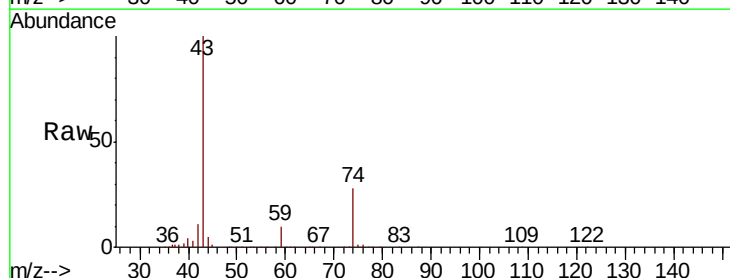
Acq: 20 Jun 2019 12:11

Tgt Ion: 43 Resp: 52985

Ion Ratio Lower Upper

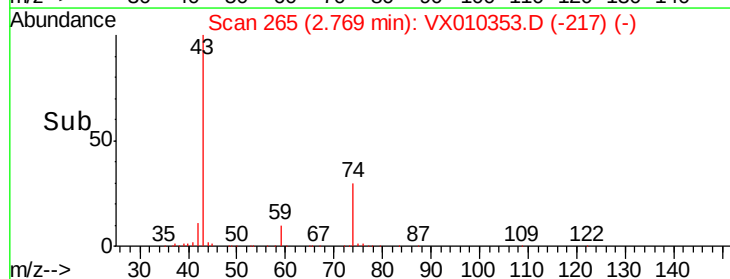
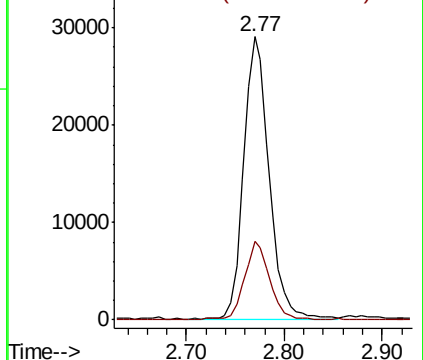
43 100

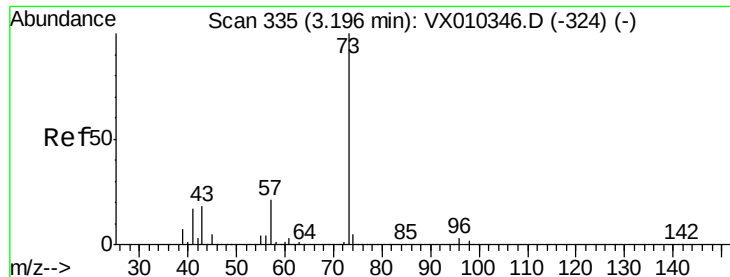
74 27.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



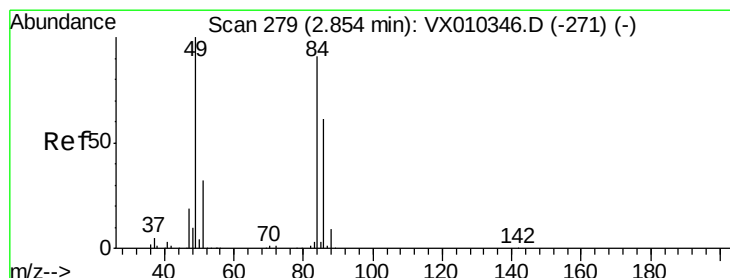
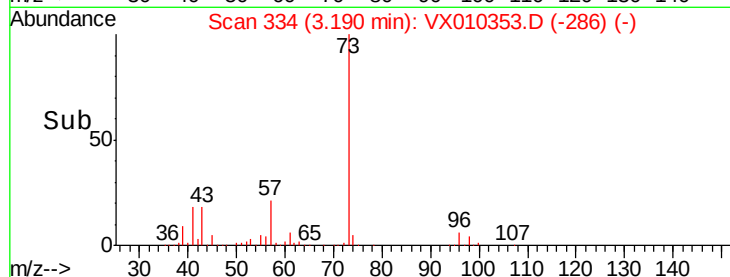
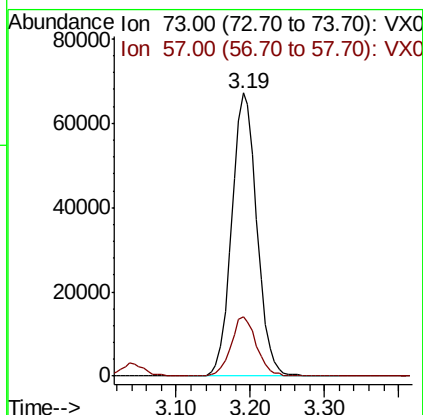
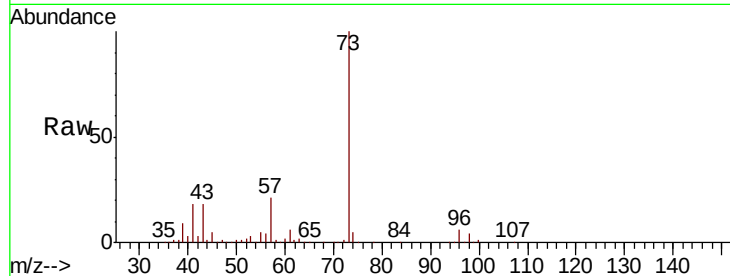


#19

Methyl tert-butyl Ether
 Concen: 18.912 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

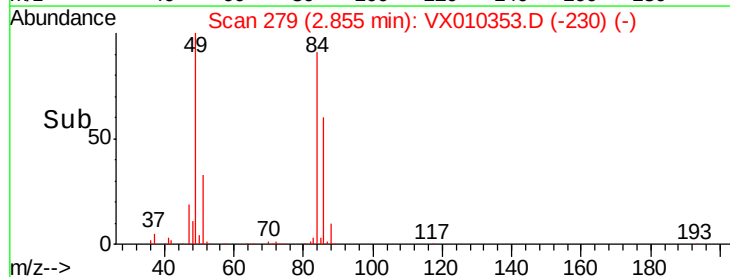
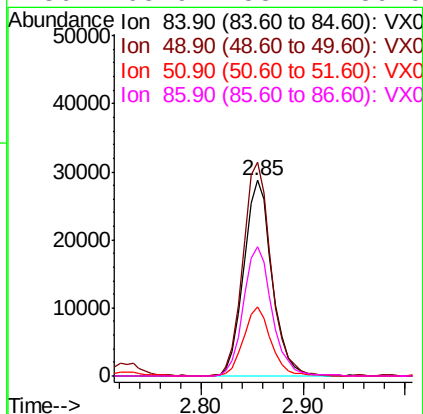
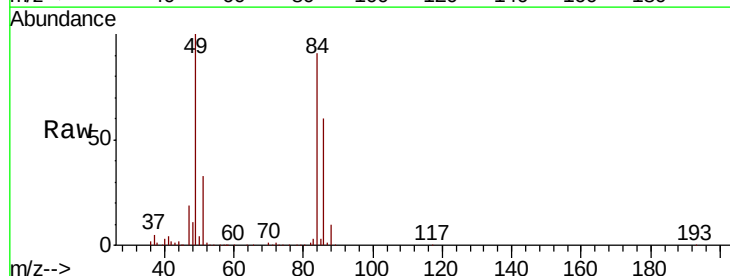
Tot Ion: 73 Resp: 159043
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.4 24.6

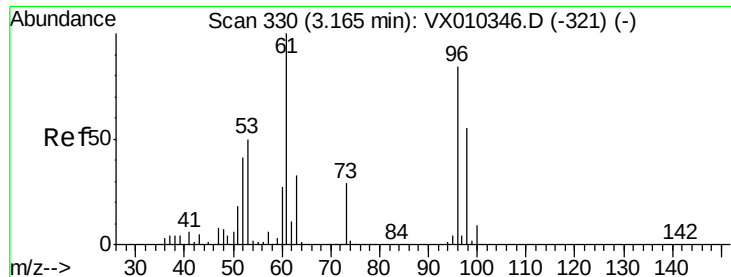


#20

Methylene Chloride
 Concen: 18.542 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion: 84 Resp: 55298
 Ion Ratio Lower Upper
 84 100
 49 109.1 87.5 131.3
 51 35.7 27.7 41.5
 86 65.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 18.599 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampled :

VX0620WBS01

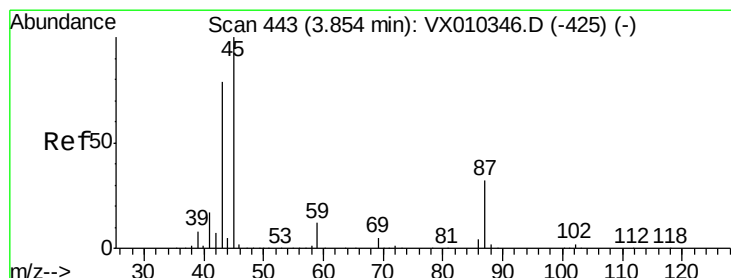
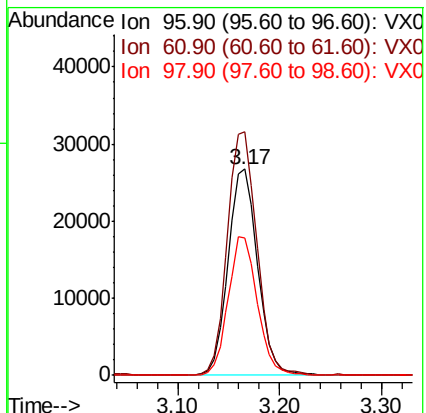
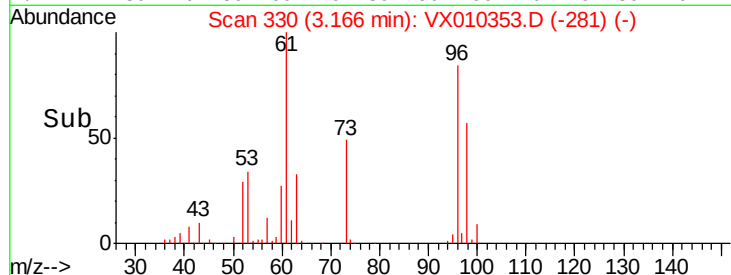
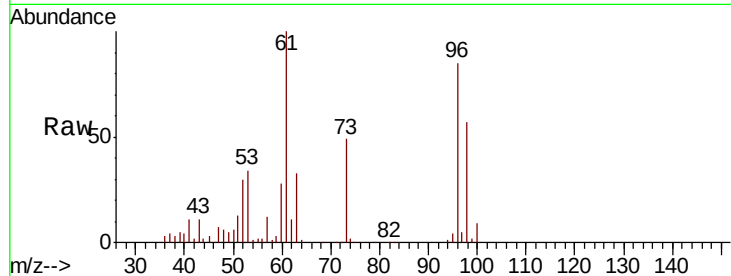
Tot Ion: 96 Resp: 53474

Ion Ratio Lower Upper

96 100

61 118.2 95.6 143.4

98 66.9 52.5 78.7



#22

Diisopropyl ether

Concen: 18.696 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Tgt Ion: 45 Resp: 148352

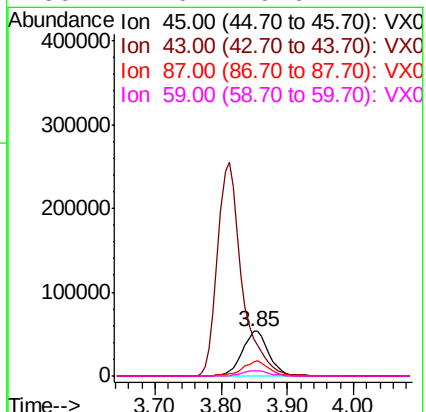
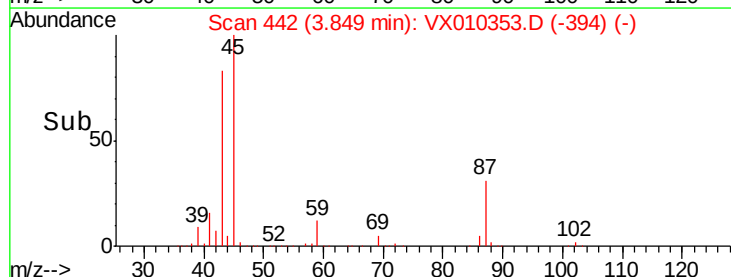
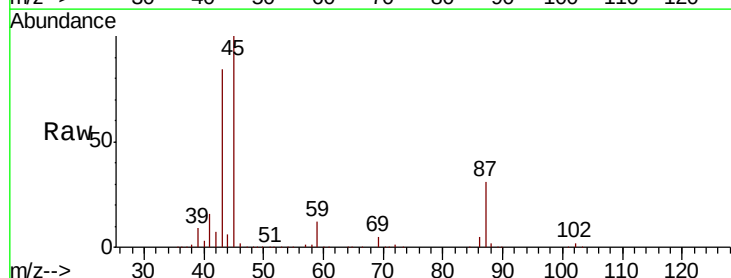
Ion Ratio Lower Upper

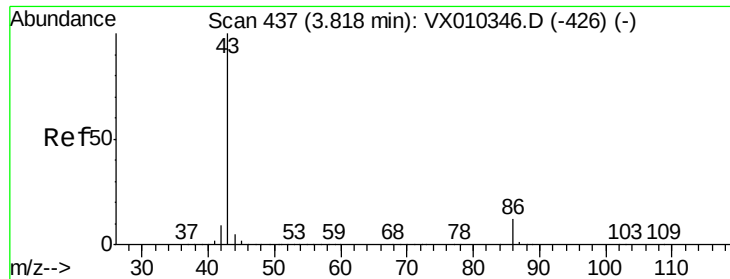
45 100

43 83.4 63.3 94.9

87 31.4 25.8 38.8

59 11.6 9.6 14.4





#23

Vinyl Acetate

Concen: 95.584 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

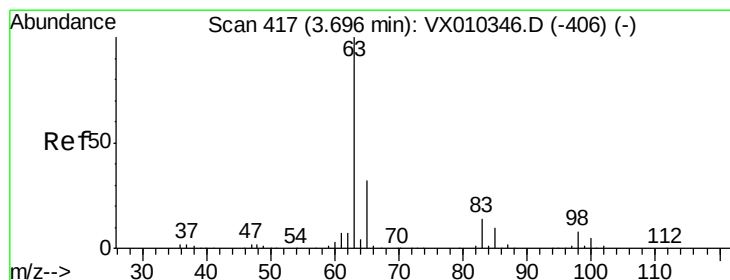
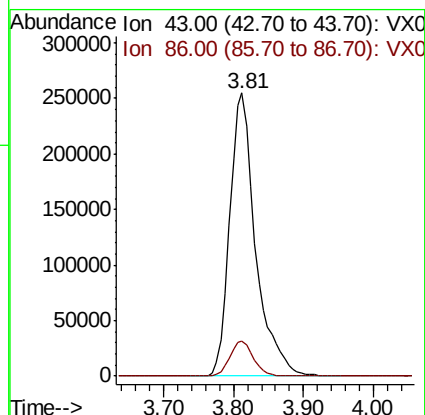
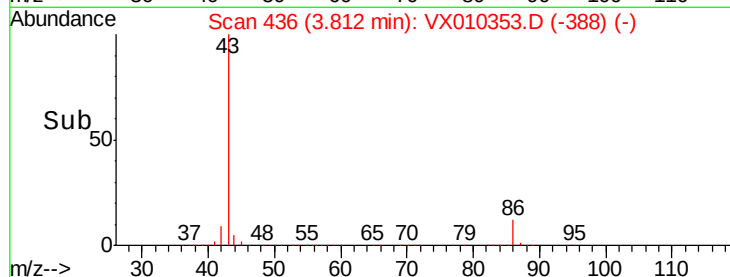
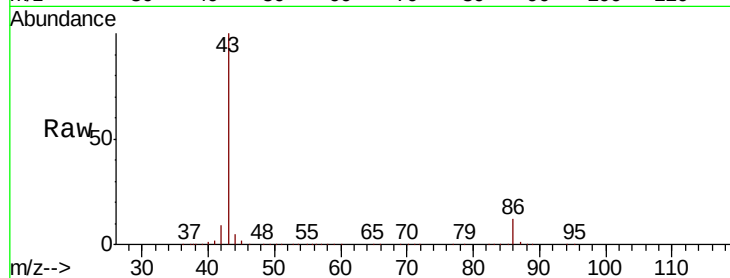
VX0620WBS01

Tot Ion: 43 Resp: 655221

Ion Ratio Lower Upper

43 100

86 12.2 9.9 14.9



#24

1,1-Dichloroethane

Concen: 18.873 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

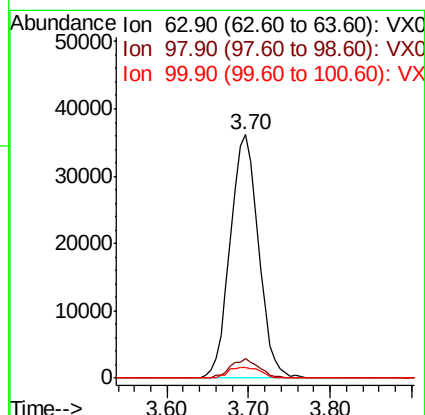
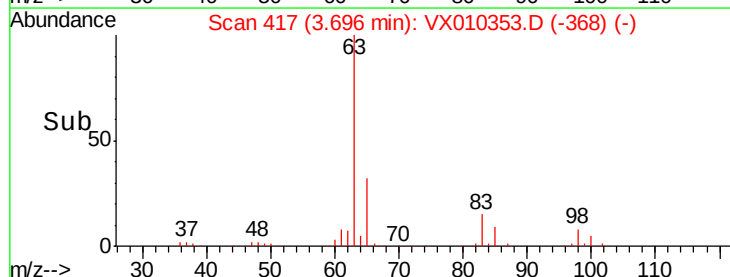
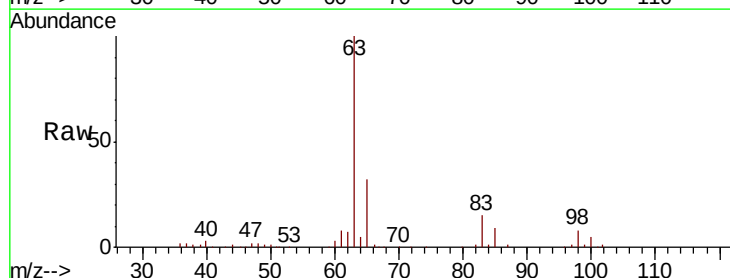
Tgt Ion: 63 Resp: 86563

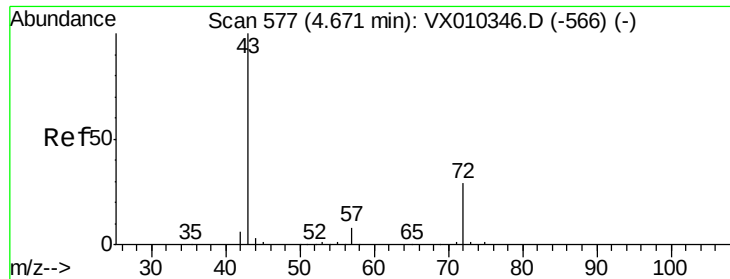
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.7

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 91.715 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

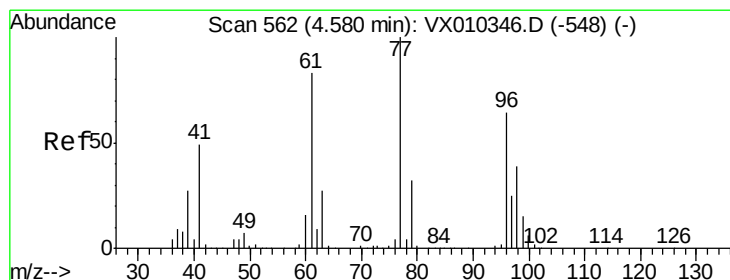
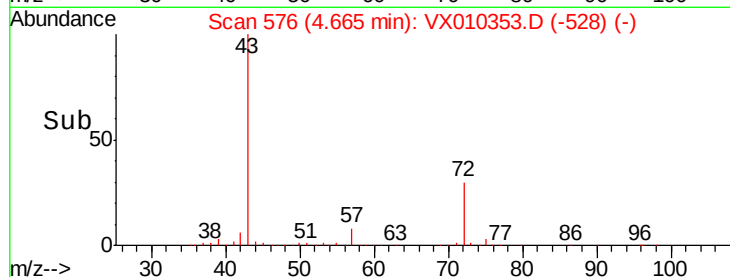
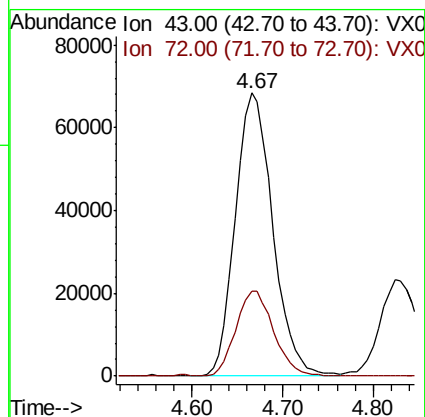
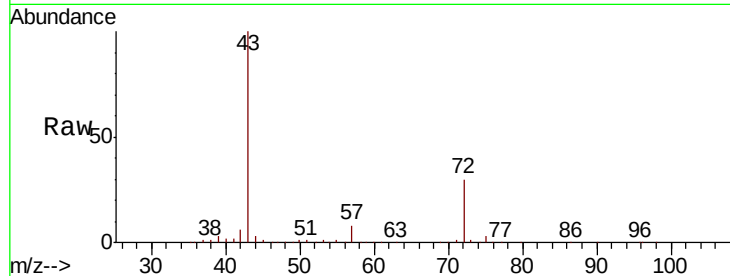
VX0620WBS01

Tot Ion: 43 Resp: 194969

Ion Ratio Lower Upper

43 100

72 29.8 23.3 34.9



#26

2,2-Dichloropropane

Concen: 19.149 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010353.D

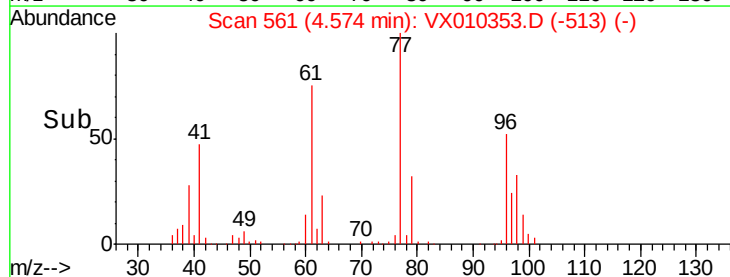
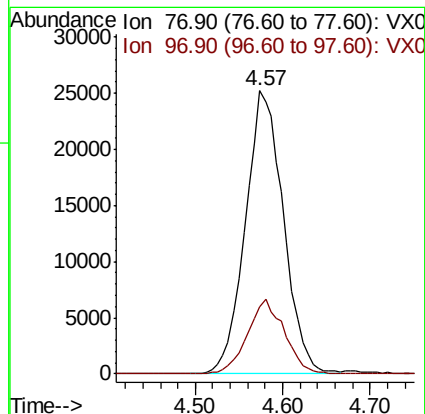
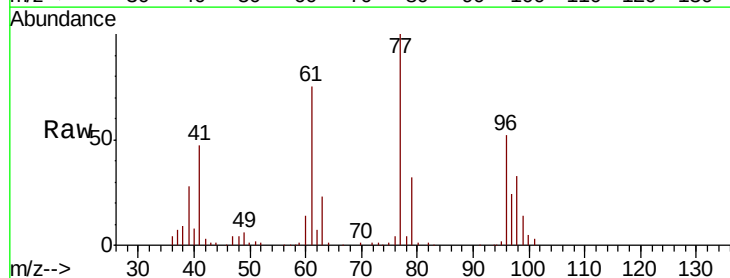
Acq: 20 Jun 2019 12:11

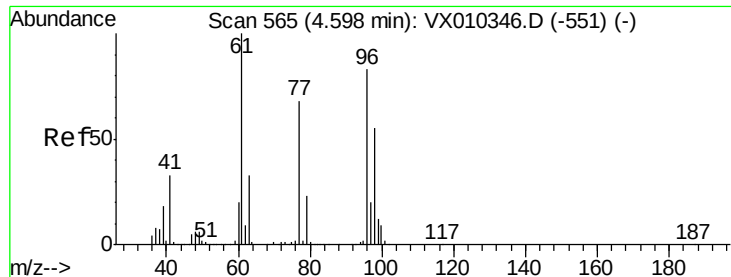
Tgt Ion: 77 Resp: 76297

Ion Ratio Lower Upper

77 100

97 25.5 13.1 39.3



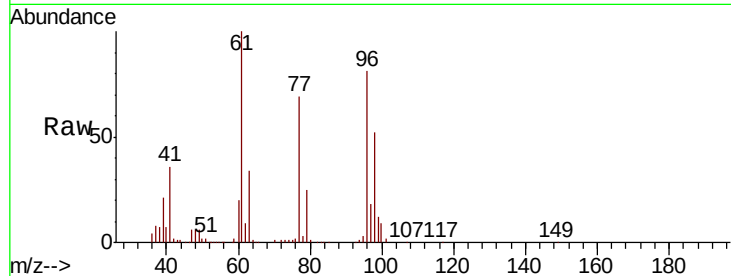


#27

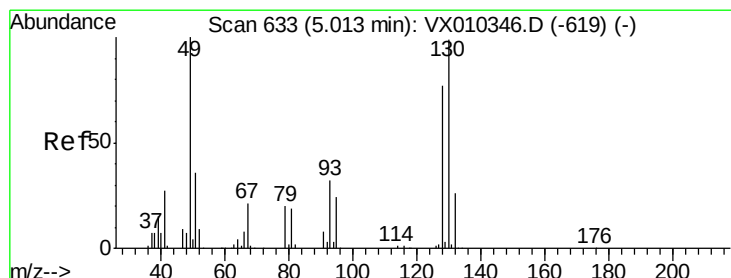
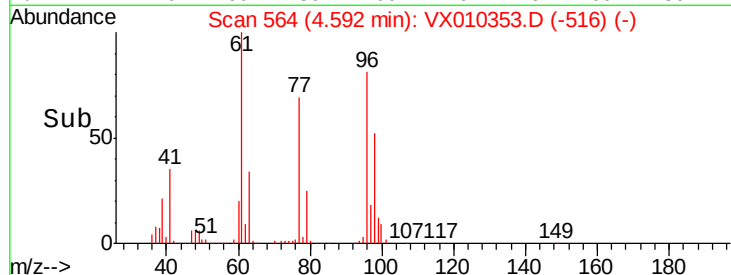
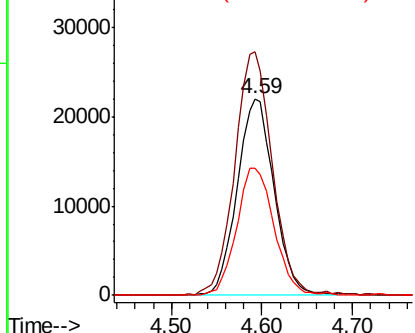
cis-1,2-Dichloroethene
 Concen: 18.740 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.6	0.0	251.8
98	65.3	0.0	129.4



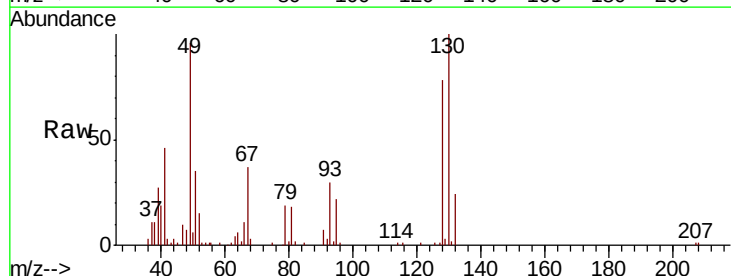
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



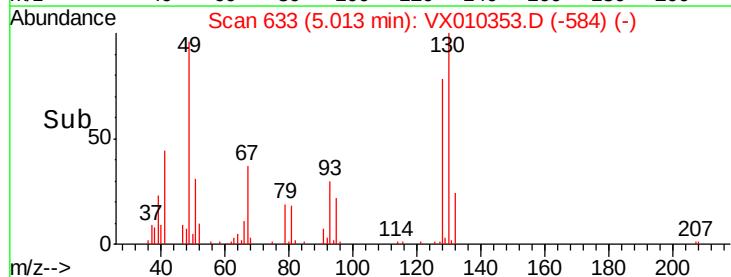
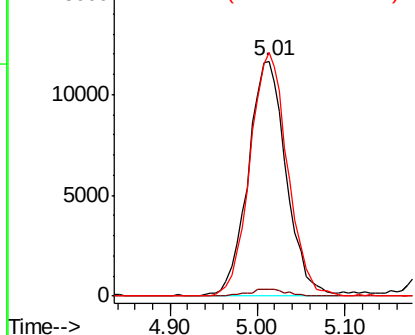
#28

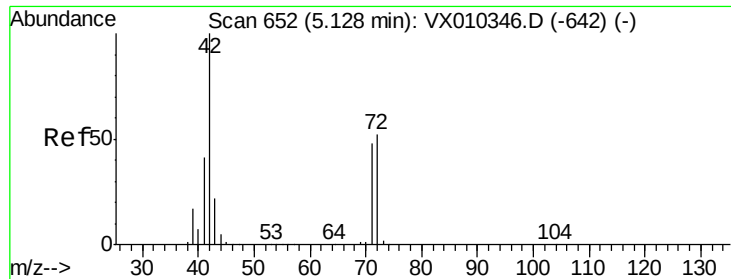
Bromochloromethane
 Concen: 16.122 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	102.0	81.4	122.0



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

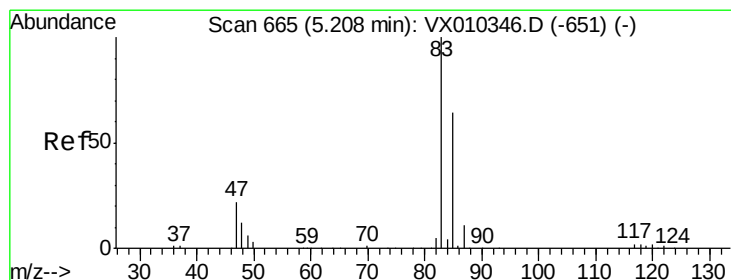
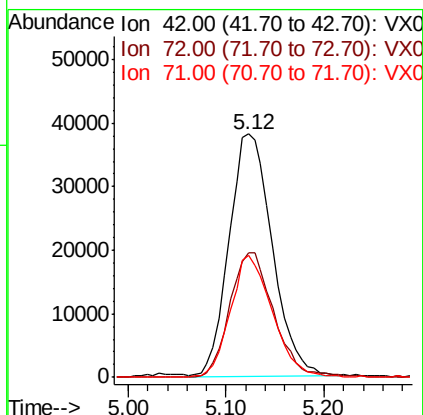
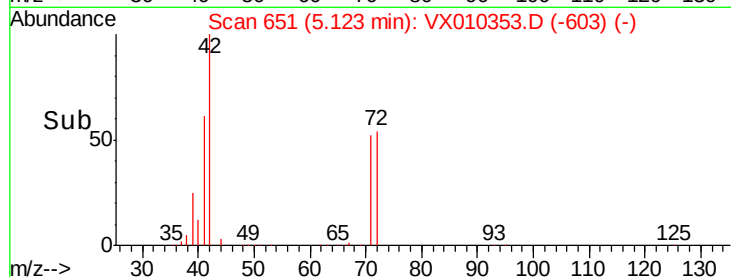
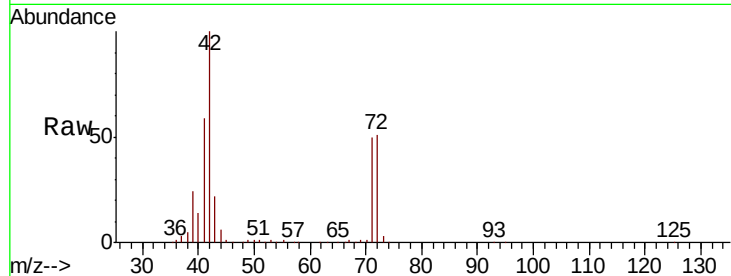




#29
Tetrahydrofuran
Concen: 88.724 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

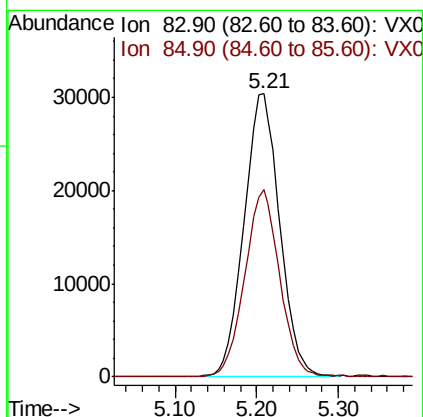
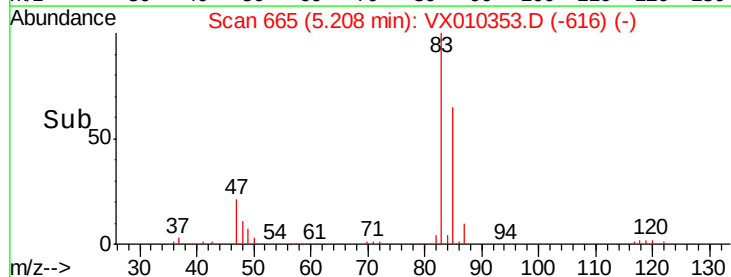
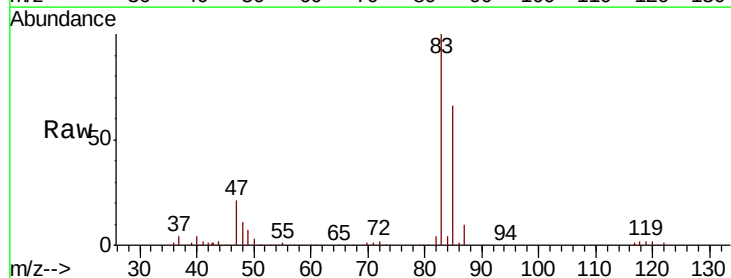
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

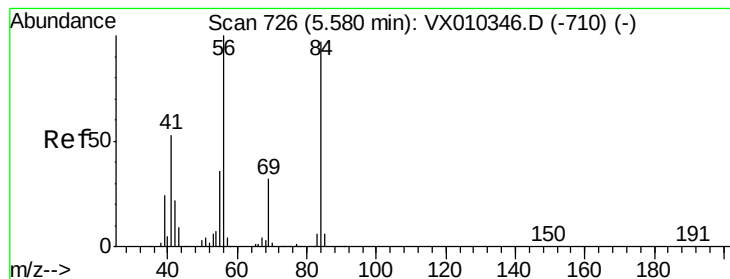
Tot Ion: 42 Resp: 116826
Ion Ratio Lower Upper
42 100
72 52.7 40.6 60.8
71 49.0 37.8 56.8



#30
Chloroform
Concen: 18.775 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion: 83 Resp: 92657
Ion Ratio Lower Upper
83 100
85 66.2 50.9 76.3





#31

Cyclohexane

Concen: 19.567 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

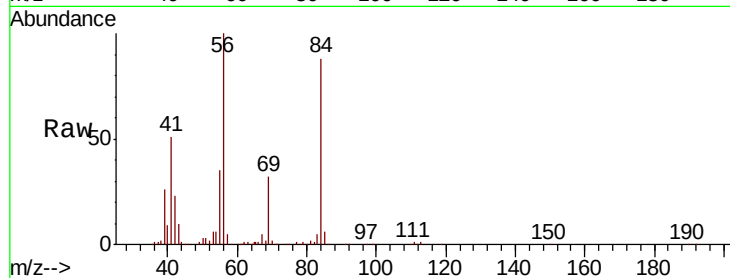
Tot Ion: 56 Resp: 81727

Ion Ratio Lower Upper

56 100

69 31.6 25.9 38.9

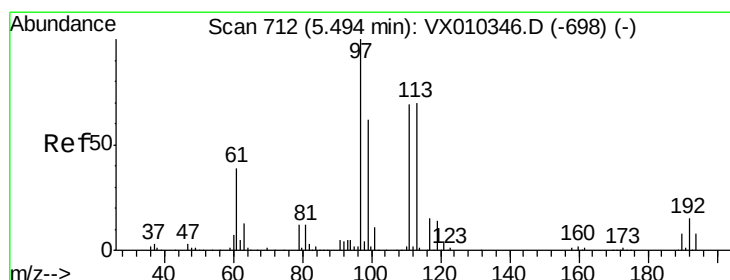
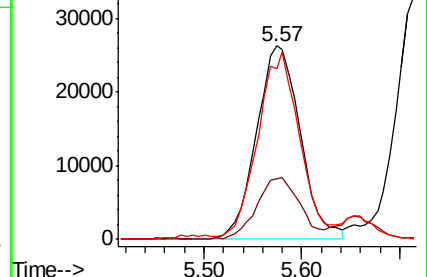
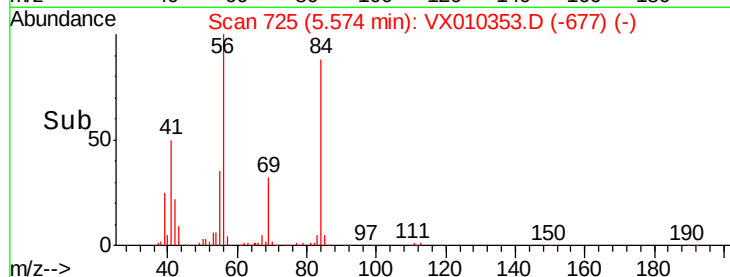
84 86.0 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.805 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

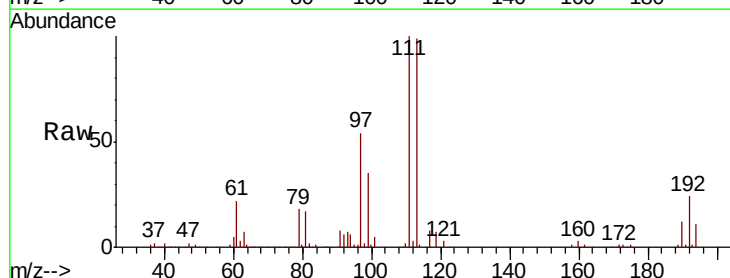
Tgt Ion: 97 Resp: 81945

Ion Ratio Lower Upper

97 100

99 65.1 51.8 77.8

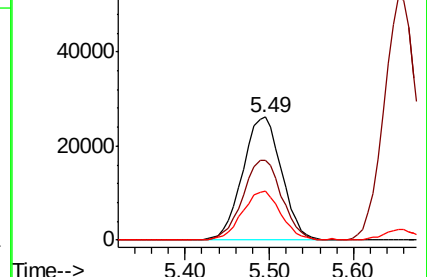
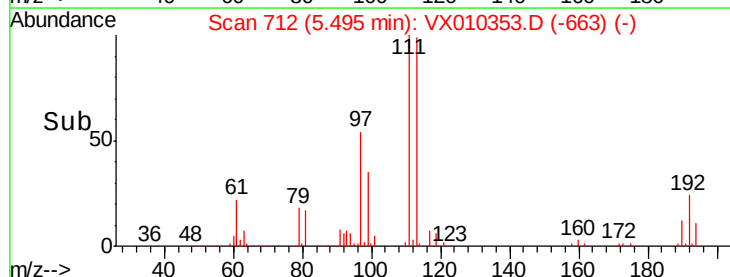
61 39.3 32.1 48.1

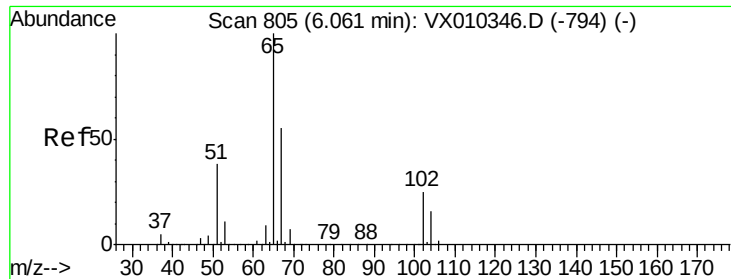


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

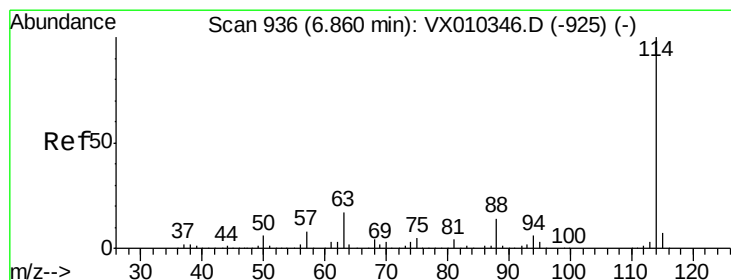
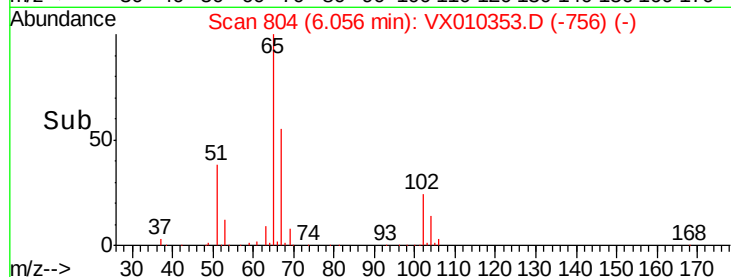
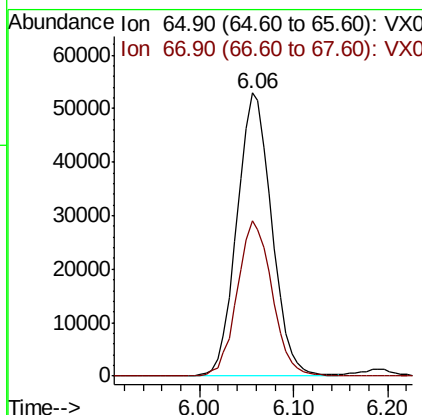
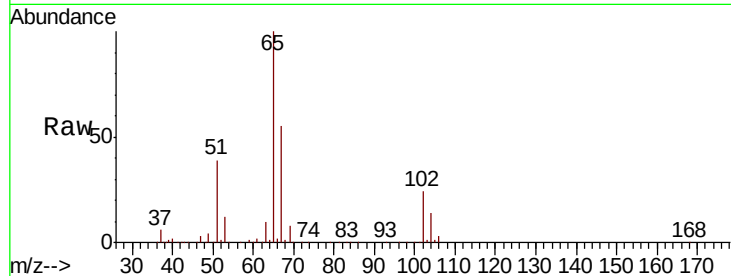




#33
 1,2-Dichloroethane-d4
 Concen: 47.328 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

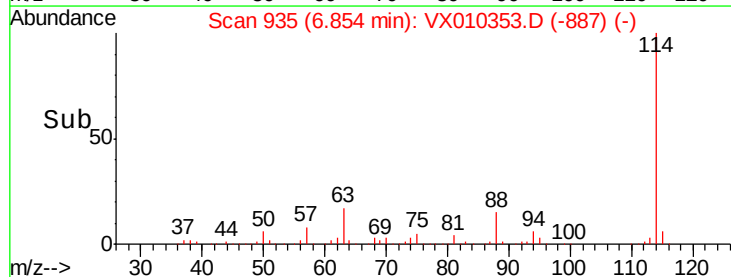
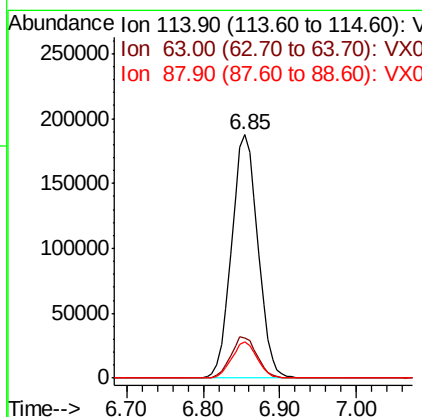
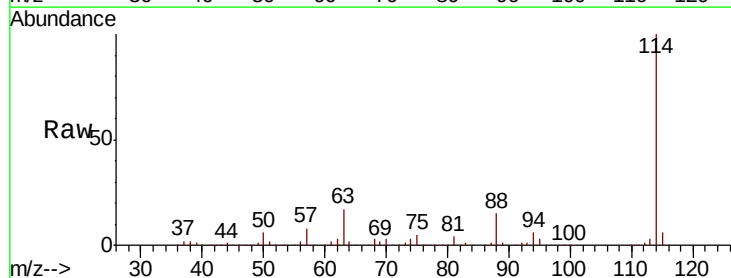
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

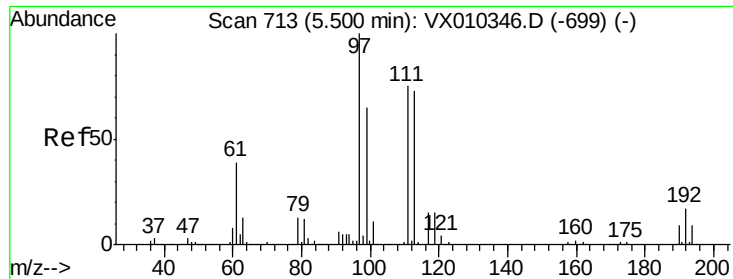
Tot Ion: 65 Resp: 136856
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion: 114 Resp: 446514
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.8
 88 15.1 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.570 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

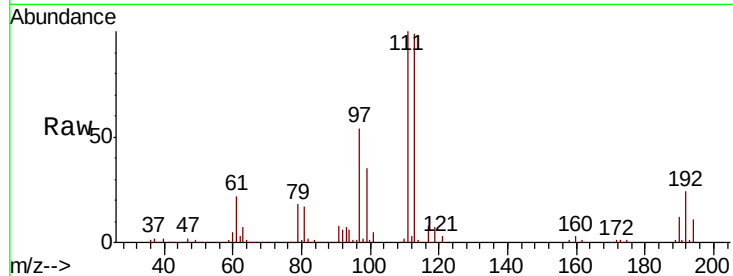
Tot Ion:113 Resp: 135421

Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

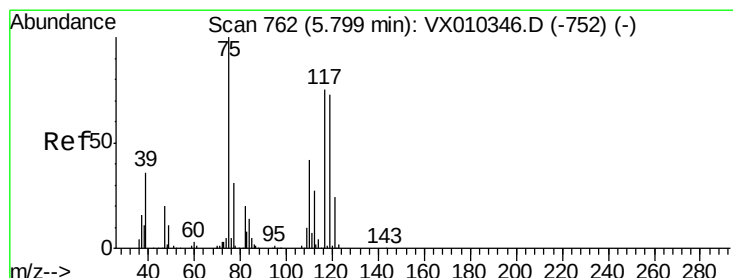
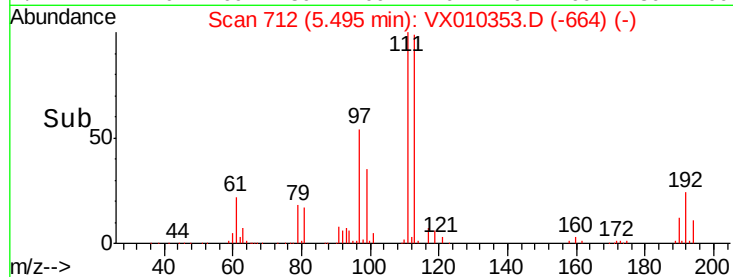
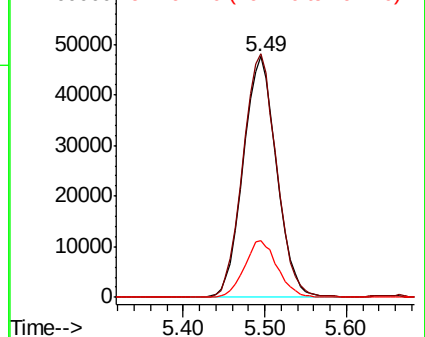
192 23.3 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.234 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

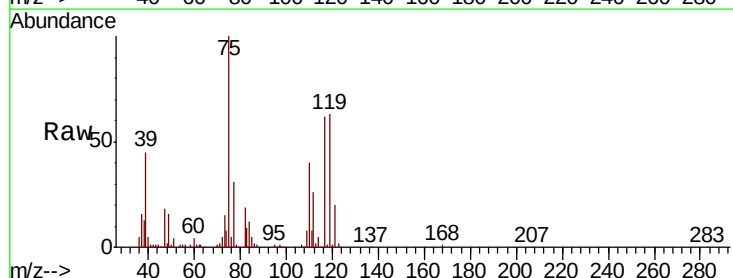
Tgt Ion: 75 Resp: 68248

Ion Ratio Lower Upper

75 100

110 40.2 20.8 62.2

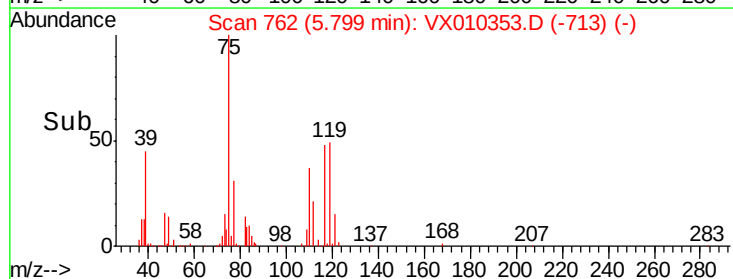
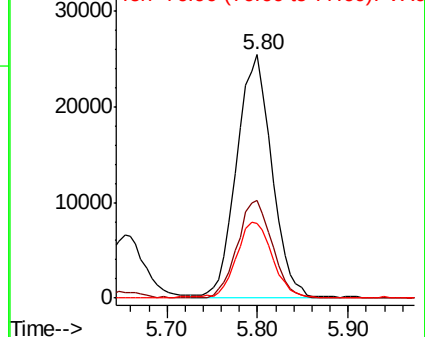
77 31.6 25.4 38.0

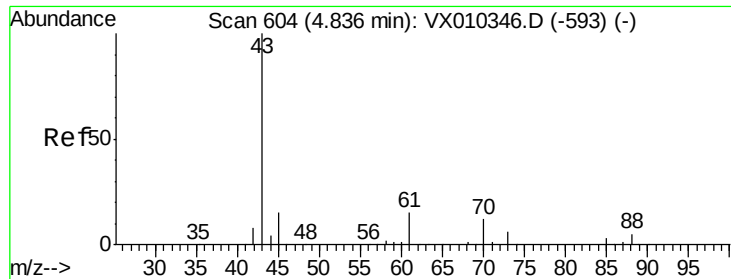


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.856 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

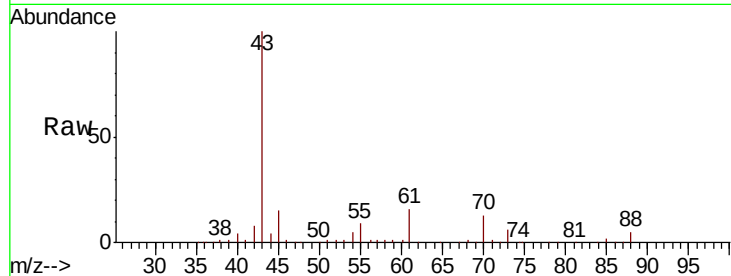
Tot Ion: 43 Resp: 68831

Ion Ratio Lower Upper

43 100

61 16.6 12.4 18.6

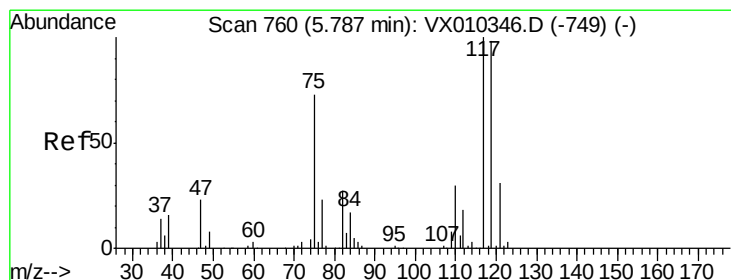
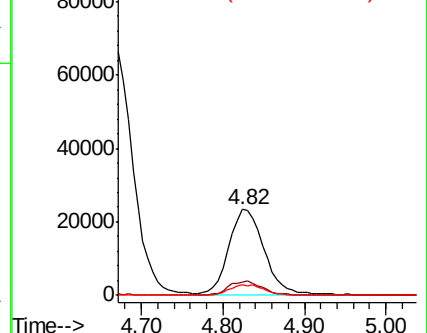
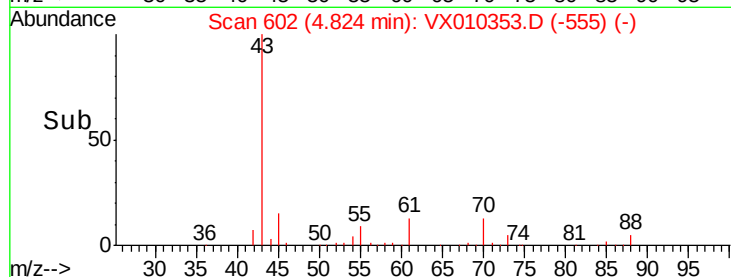
70 12.9 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.268 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

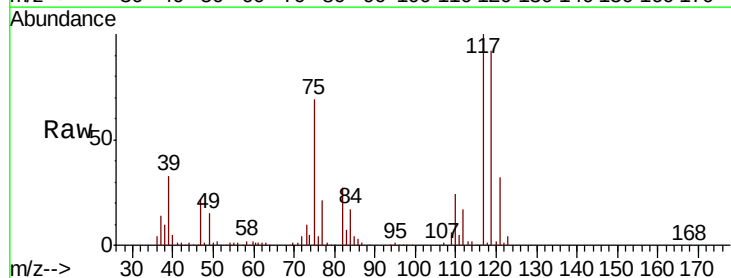
Tgt Ion: 117 Resp: 74033

Ion Ratio Lower Upper

117 100

119 92.6 78.2 117.4

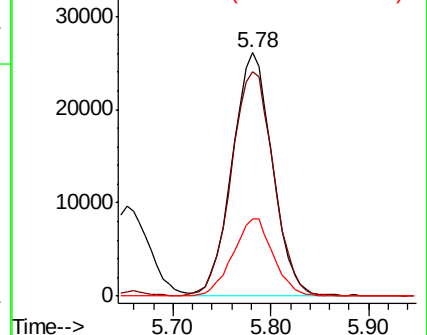
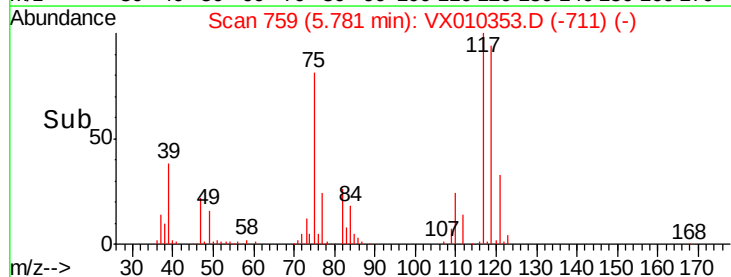
121 32.0 24.7 37.1

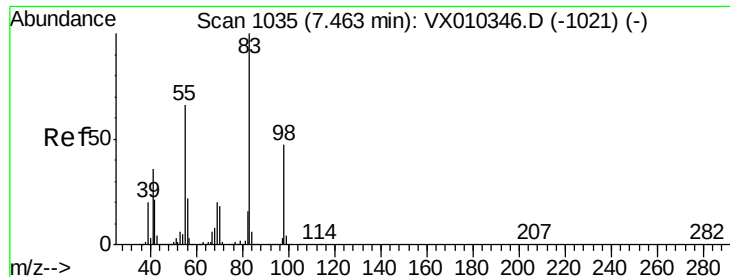


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

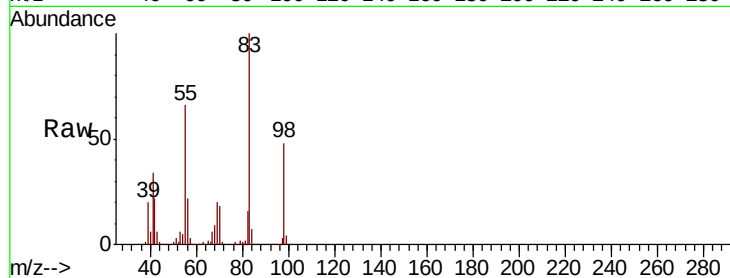




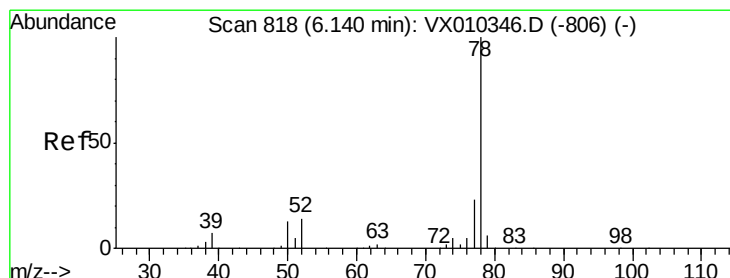
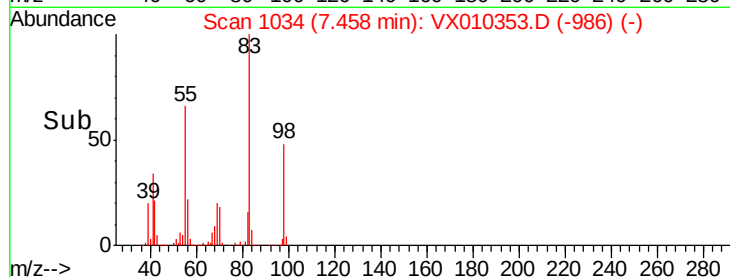
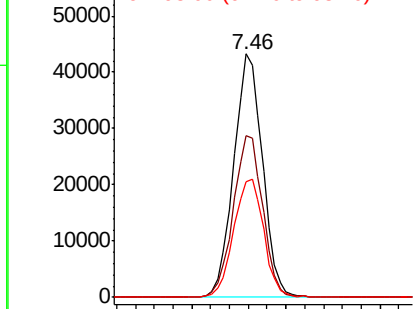
#39
Methylvlcyclohexane
Concen: 19.747 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion: 83 Resp: 92102
Ion Ratio Lower Upper
83 100
55 66.2 53.0 79.6
98 47.7 37.8 56.8

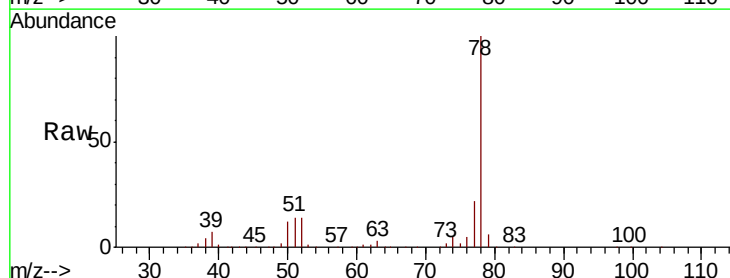


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

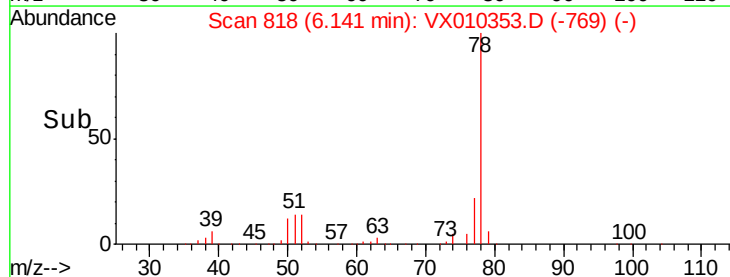
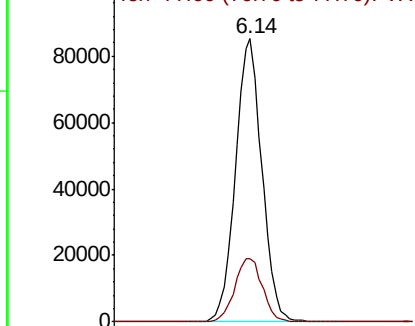


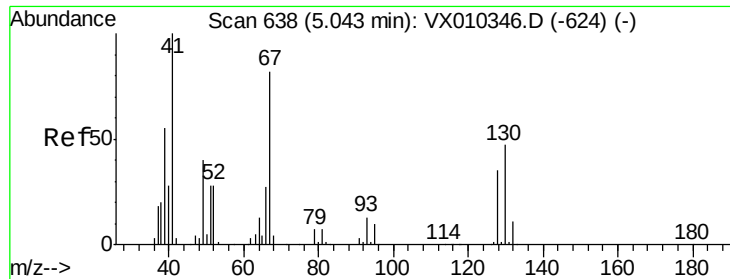
#40
Benzene
Concen: 19.587 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion: 78 Resp: 216527
Ion Ratio Lower Upper
78 100
77 22.3 18.6 28.0



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

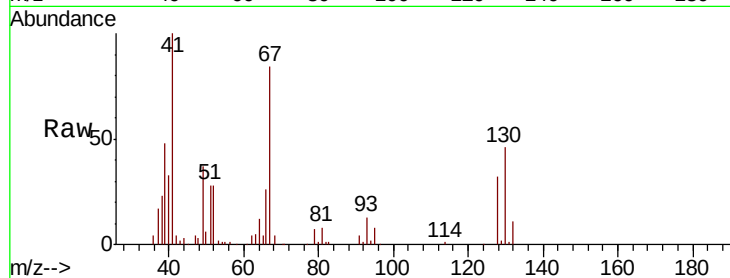




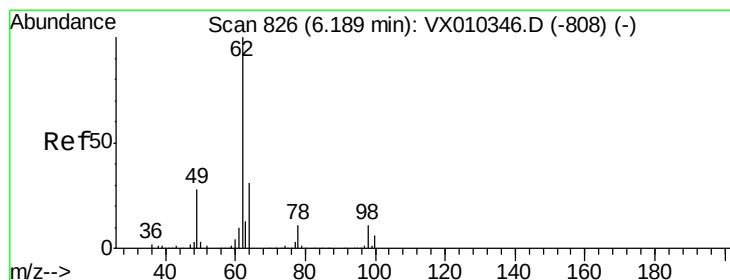
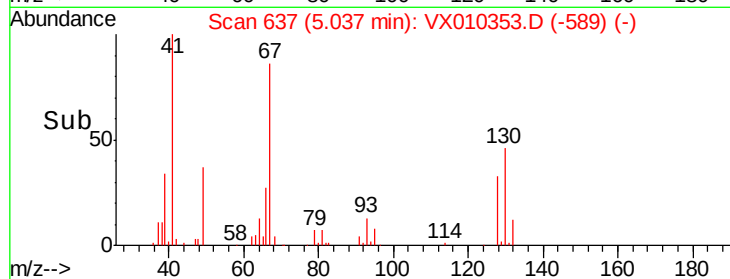
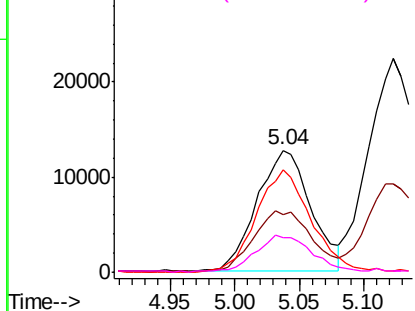
#41
Methacrylonitrile
Concen: 18.508 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion:	41	Resp:	37068
Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.8	65.8
67	87.2	66.6	100.0
52	32.1	24.5	36.7

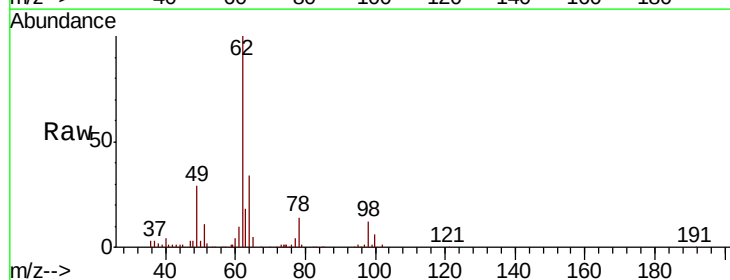


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

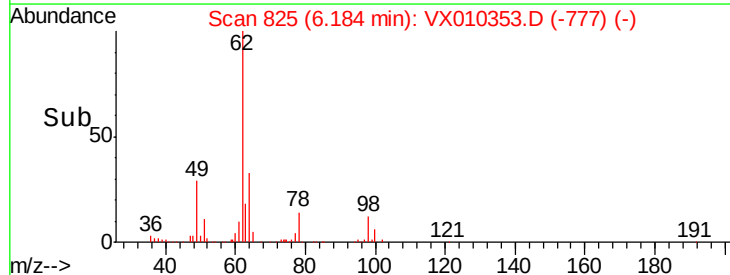
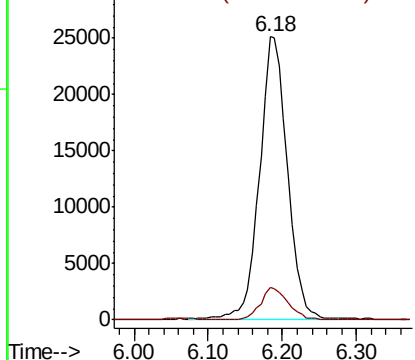


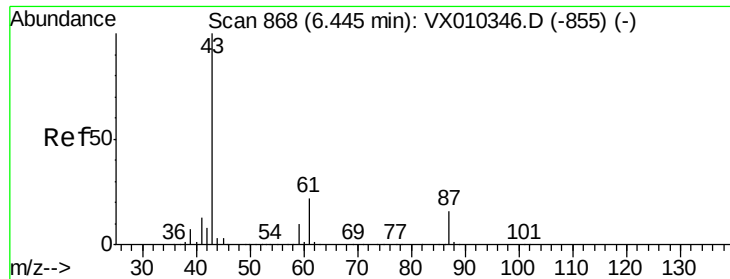
#42
1,2-Dichloroethane
Concen: 19.661 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion:	62	Resp:	66160
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.2



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

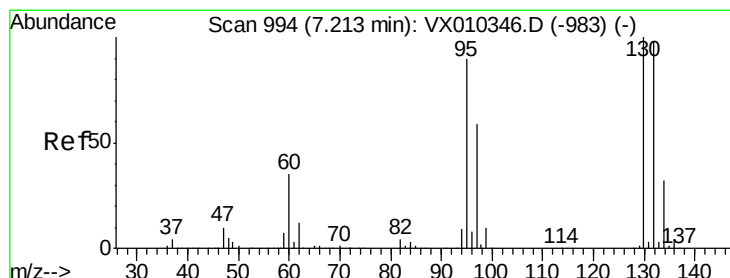
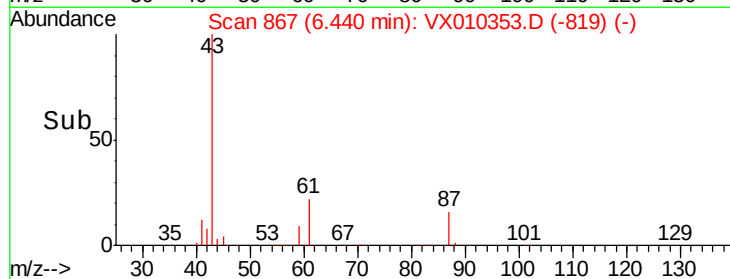
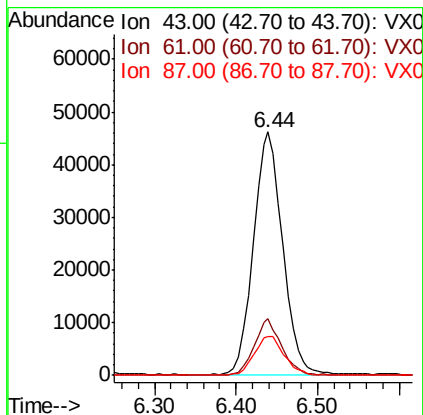
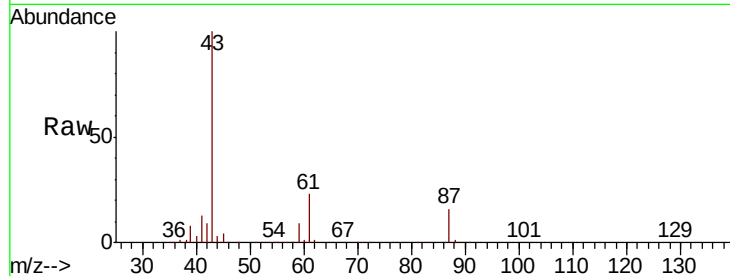




#43
Isopropyl Acetate
Concen: 19.076 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

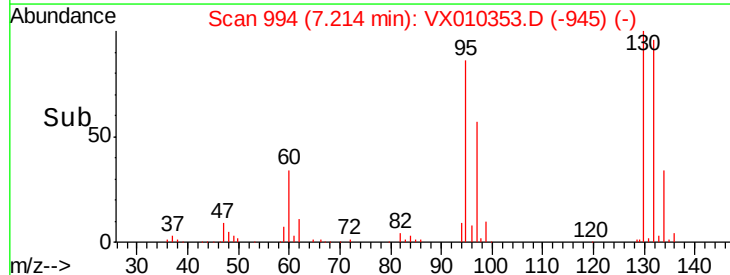
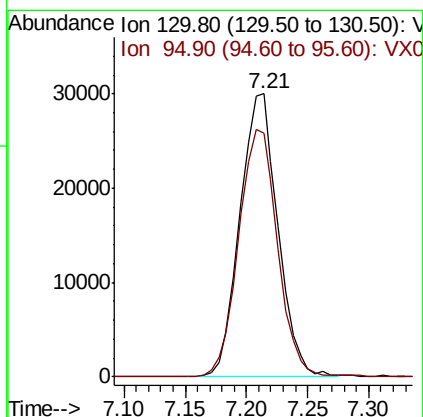
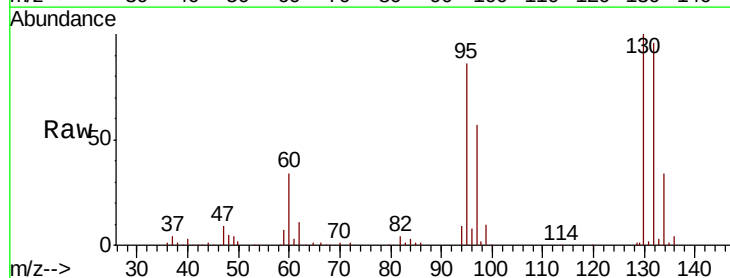
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

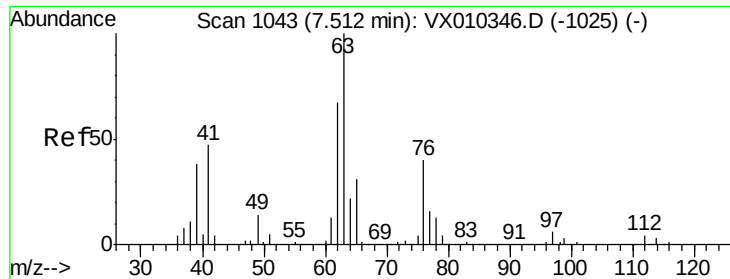
Tot Ion: 43 Resp: 115204
Ion Ratio Lower Upper
43 100
61 21.8 17.8 26.6
87 16.6 13.0 19.4



#44
Trichloroethene
Concen: 19.564 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion:130 Resp: 64714
Ion Ratio Lower Upper
130 100
95 86.3 0.0 180.8

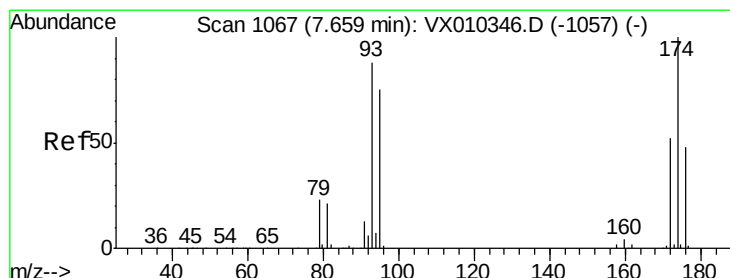
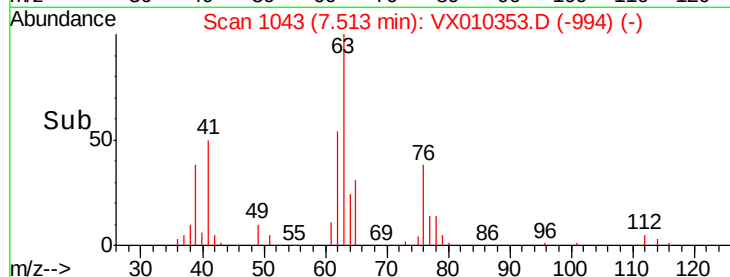
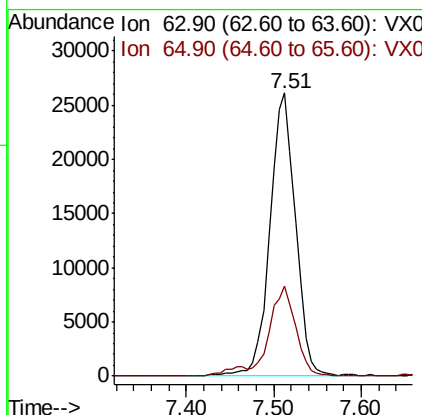
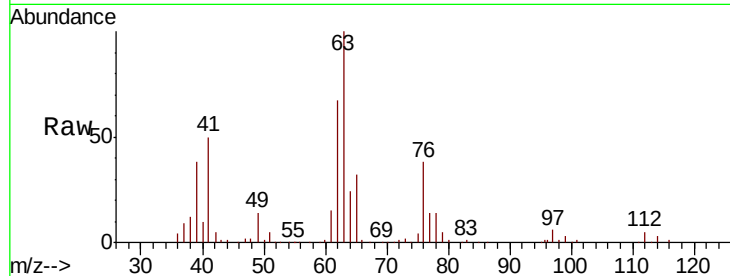




#45
 1,2-Dichloropropane
 Concen: 19.065 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

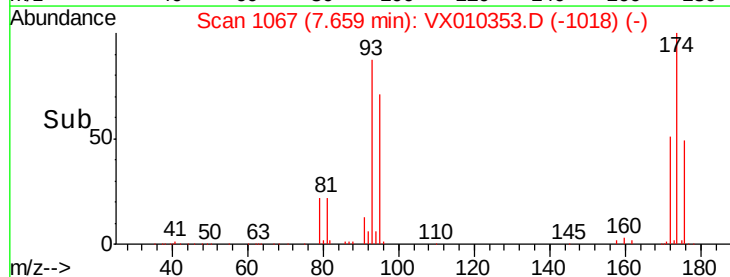
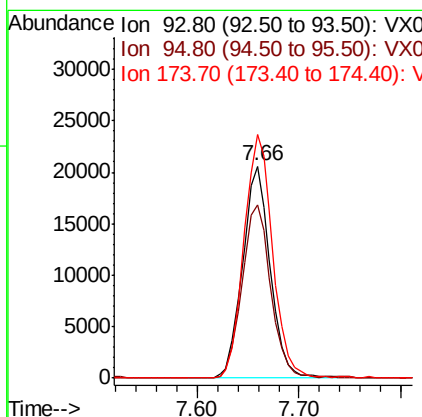
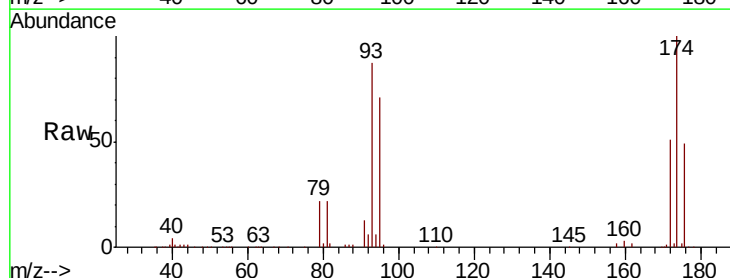
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

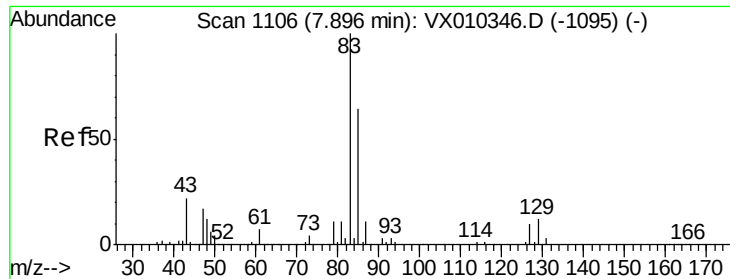
Tot Ion: 63 Resp: 53221
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2



#46
 Dibromomethane
 Concen: 19.341 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion: 93 Resp: 38738
 Ion Ratio Lower Upper
 93 100
 95 84.9 67.5 101.3
 174 119.0 95.8 143.6





#47

Bromodichloromethane

Concen: 19.442 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

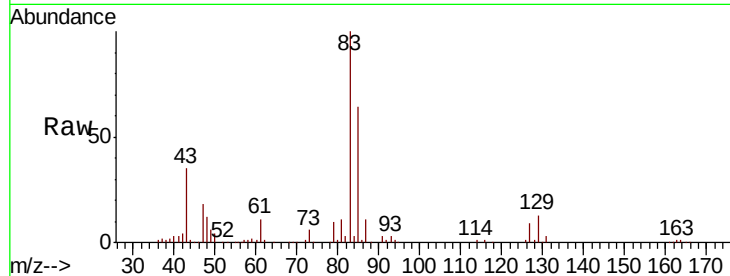
Tot Ion: 83 Resp: 71364

Ion Ratio Lower Upper

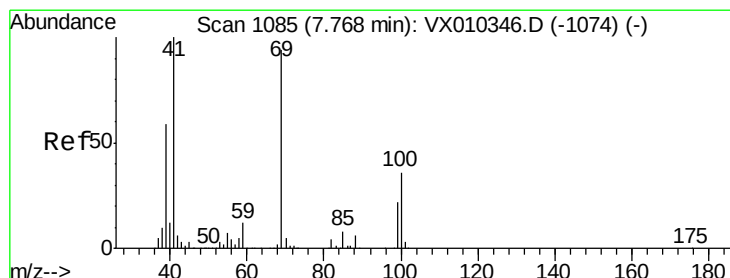
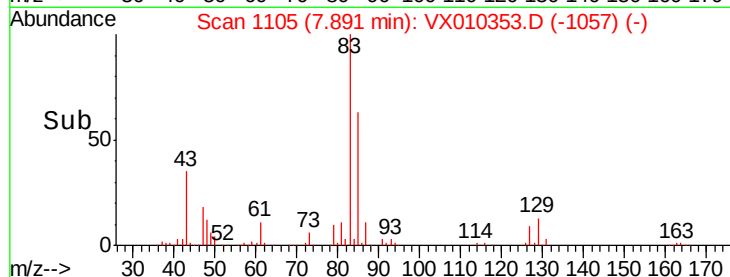
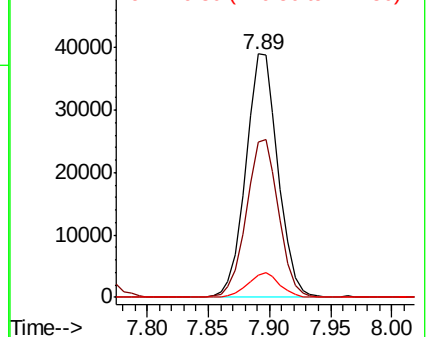
83 100

85 63.5 51.5 77.3

127 9.3 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.073 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

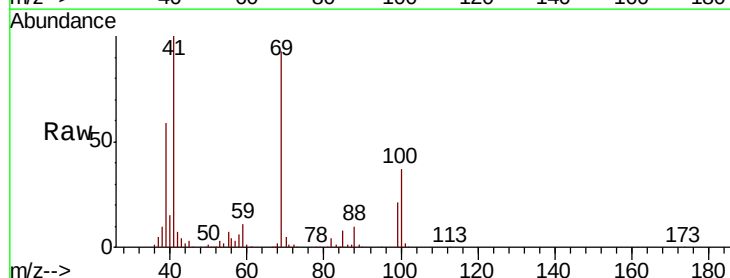
Tgt Ion: 41 Resp: 53541

Ion Ratio Lower Upper

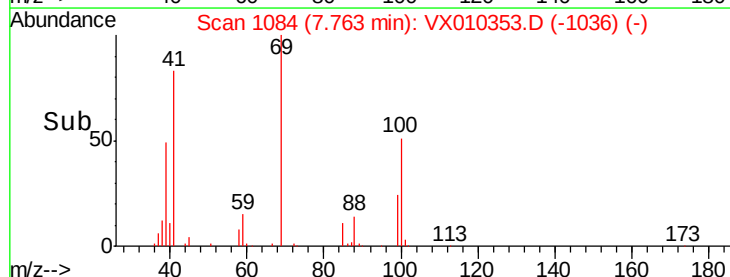
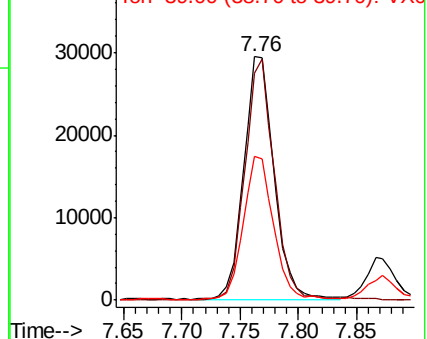
41 100

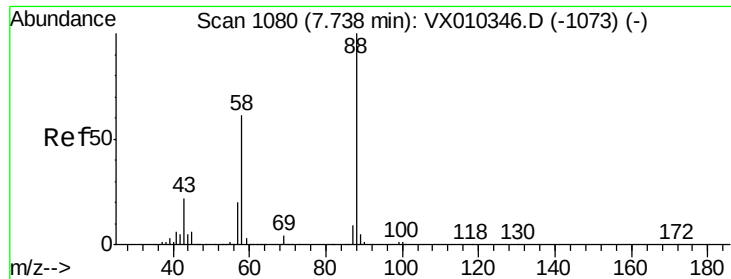
69 96.3 76.1 114.1

39 58.7 47.6 71.4



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

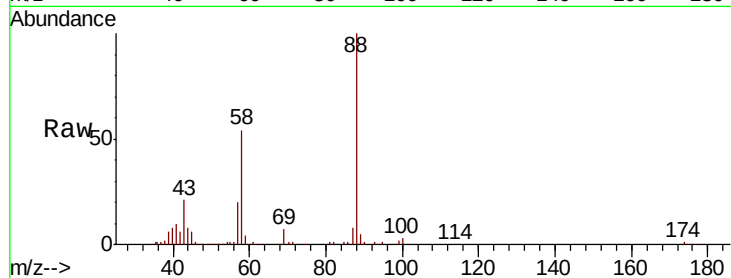




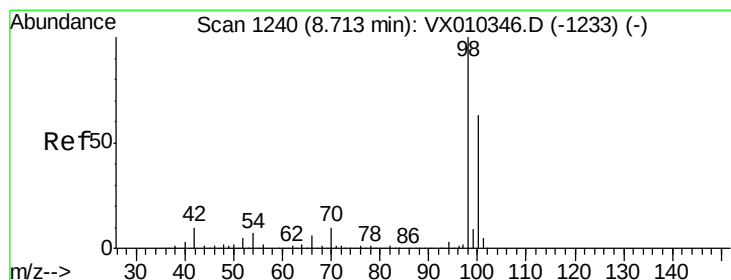
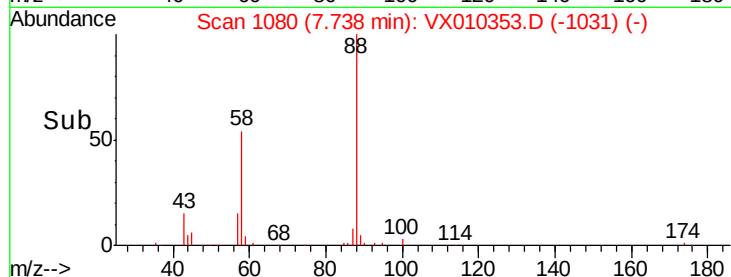
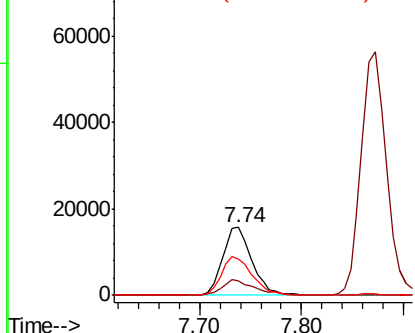
#49
1,4-Dioxane
Concen: 389.564 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion: 88 Resp: 31503
Ion Ratio Lower Upper
88 100
43 23.1 20.2 30.2
58 60.4 49.5 74.3

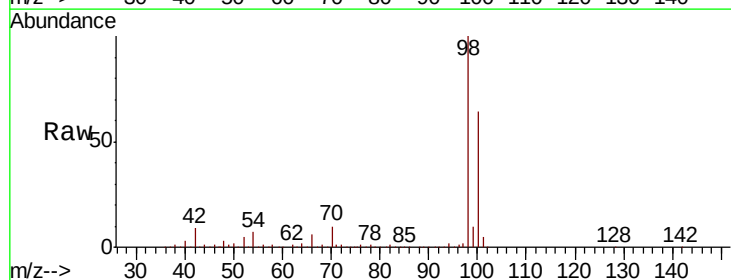


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

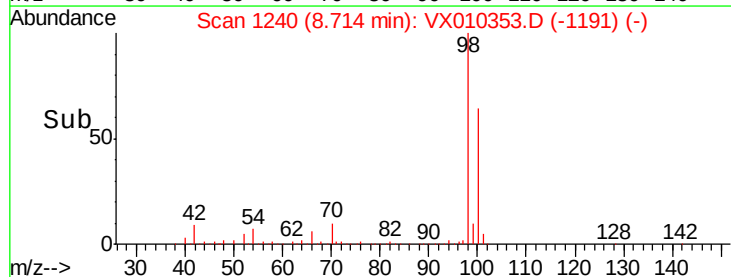
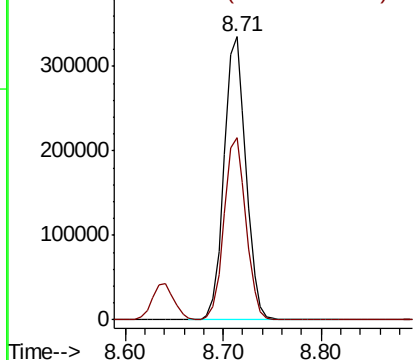


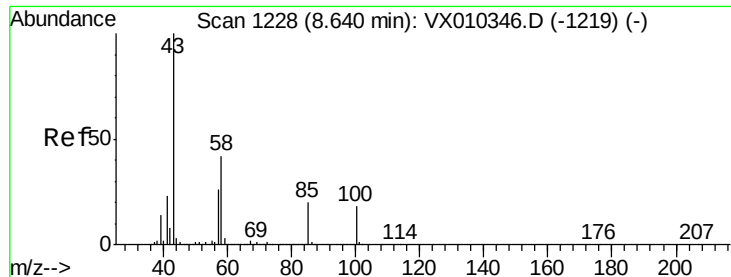
#50
Toluene-d8
Concen: 49.499 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion: 98 Resp: 517359
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



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

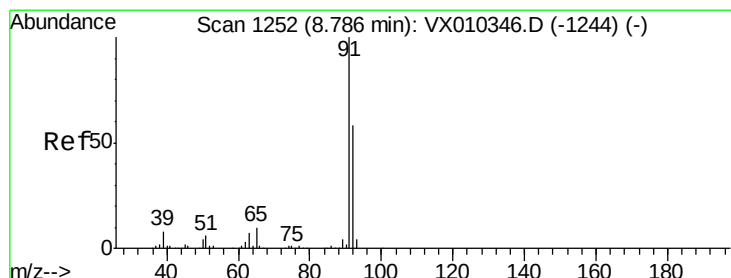
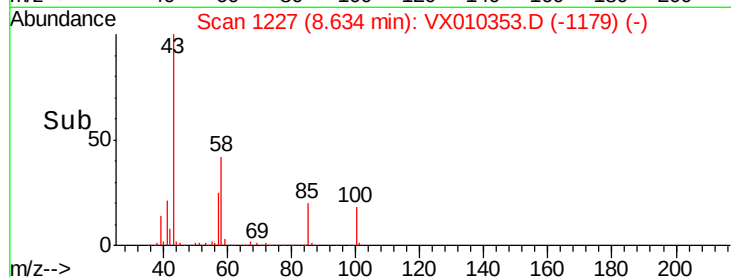
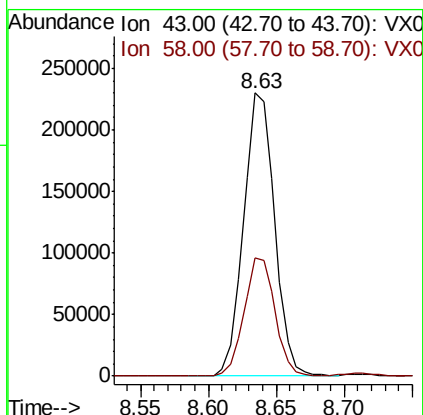
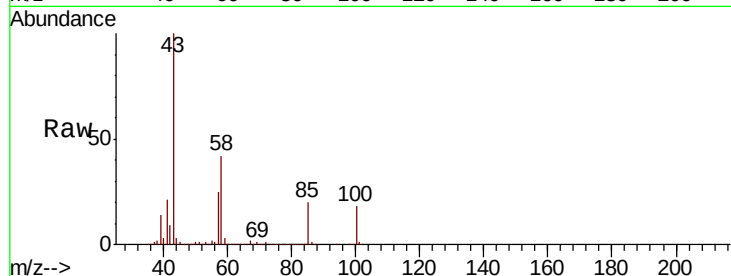




#51
4-Methyl-2-Pentanone
Concen: 94.844 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

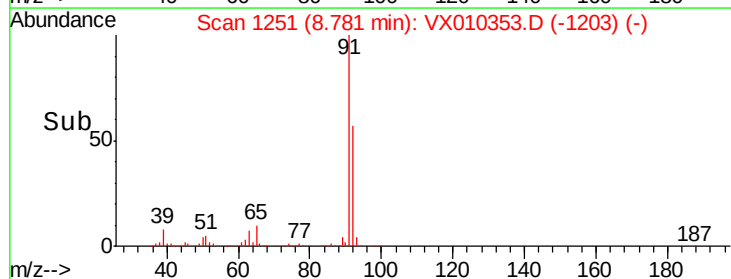
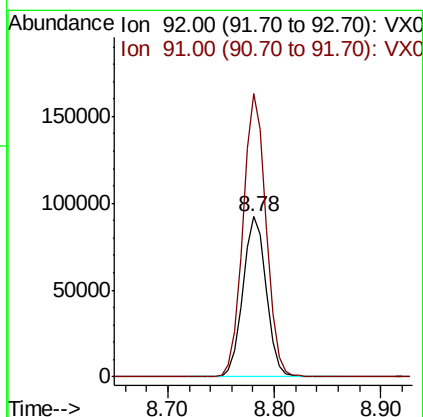
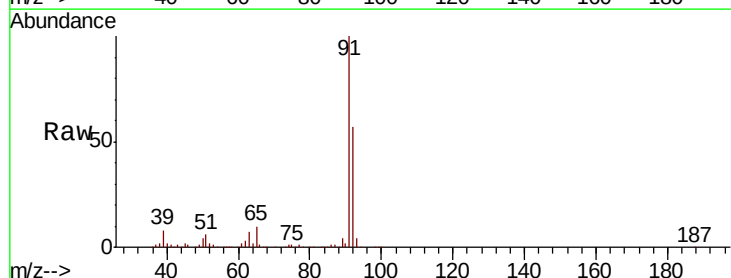
Instrument :
MSVOA_X
ClientSampled :
VX0620WBS01

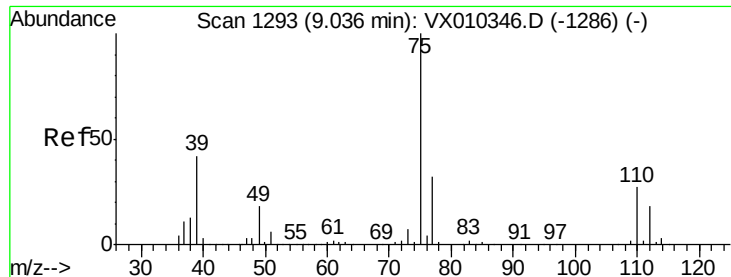
Tot Ion: 43 Resp: 366339
Ion Ratio Lower Upper
43 100
58 41.8 33.5 50.3



#52
Toluene
Concen: 19.502 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion: 92 Resp: 141972
Ion Ratio Lower Upper
92 100
91 175.0 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 19.311 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

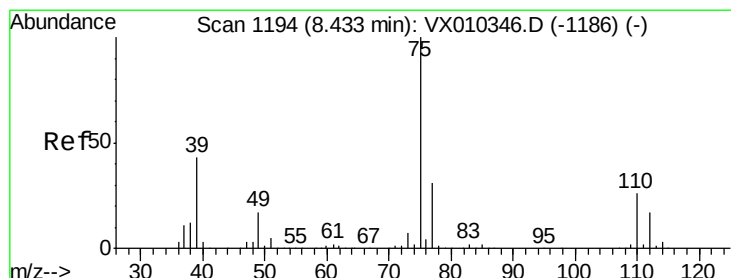
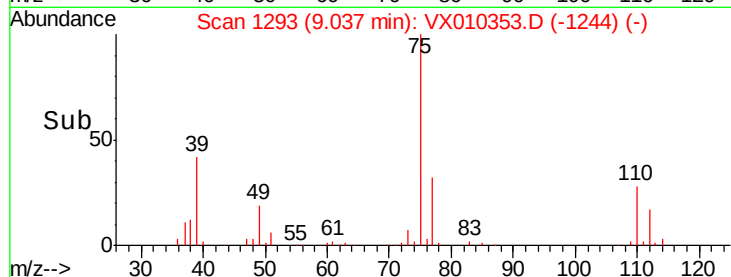
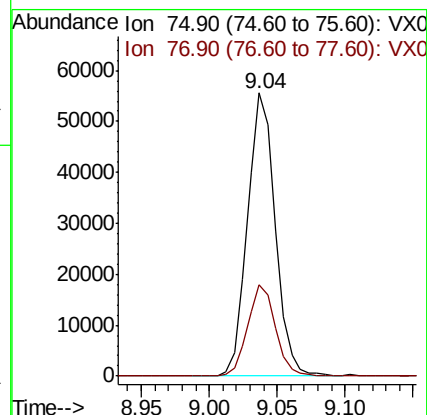
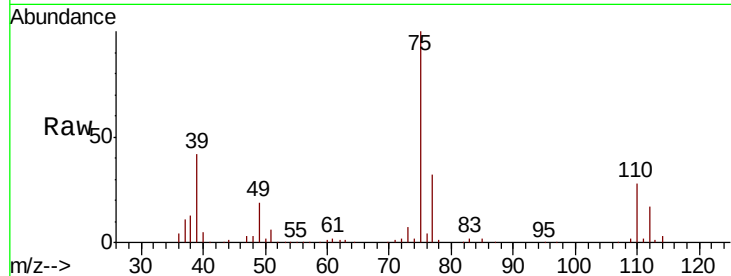
VX0620WBS01

Tot Ion: 75 Resp: 79469

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.272 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

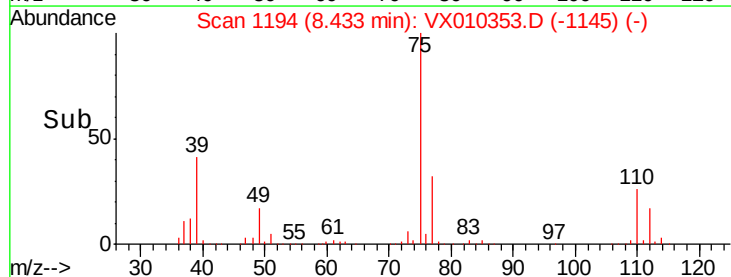
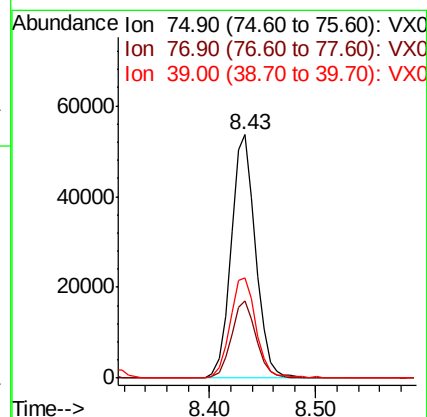
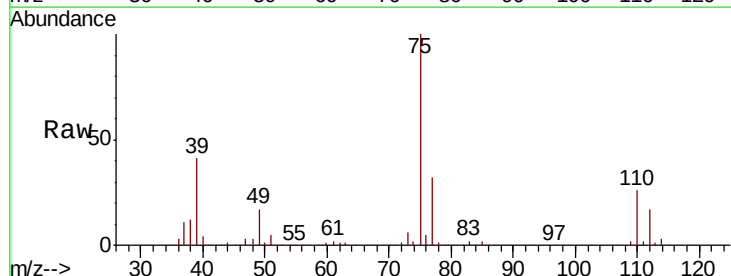
Tgt Ion: 75 Resp: 86183

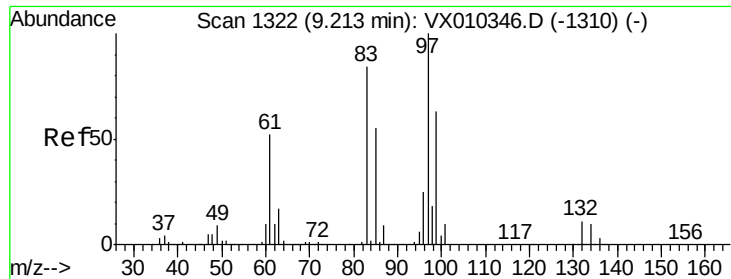
Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

39 41.0 34.5 51.7

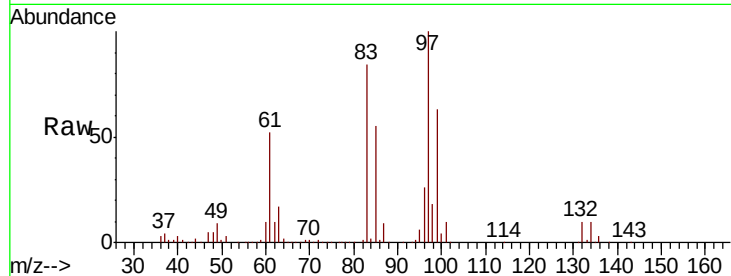




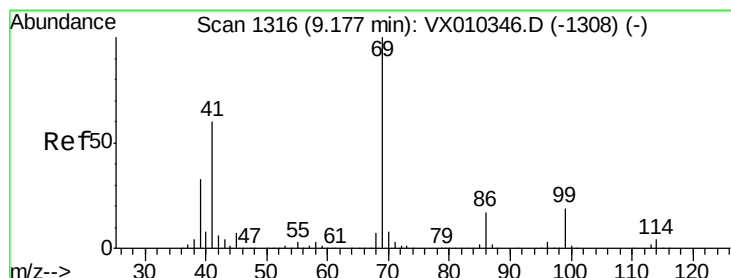
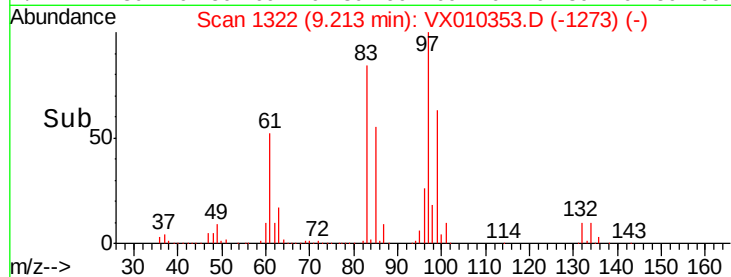
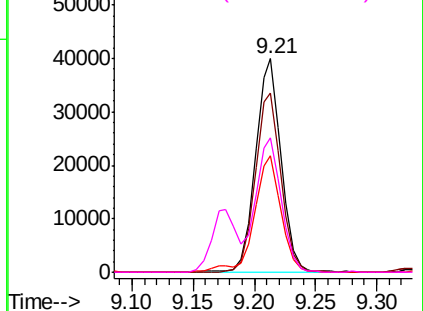
#55
 1,1,2-Trichloroethane
 Concen: 19.426 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Instrument :
 MSVOA_X
 ClientSampled :
 VX0620WBS01

Tot Ion: 97 Resp: 58324
 Ion Ratio Lower Upper
 97 100
 83 83.7 67.4 101.0
 85 54.7 43.8 65.8
 99 62.9 50.3 75.5

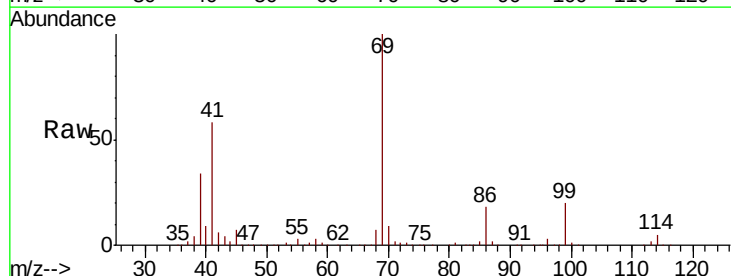


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

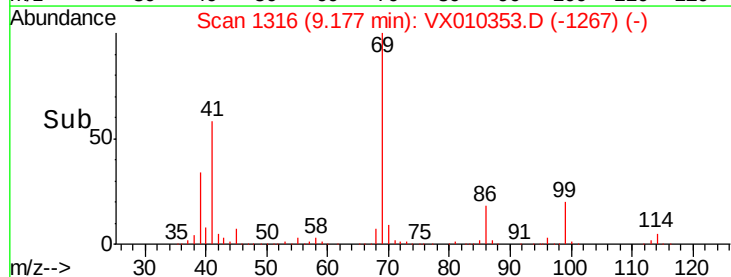
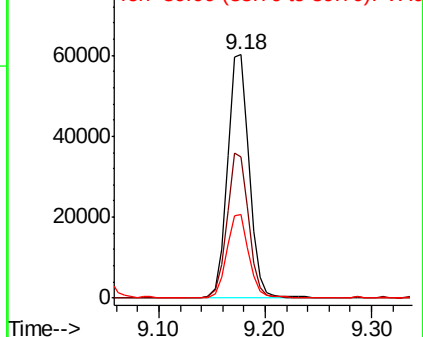


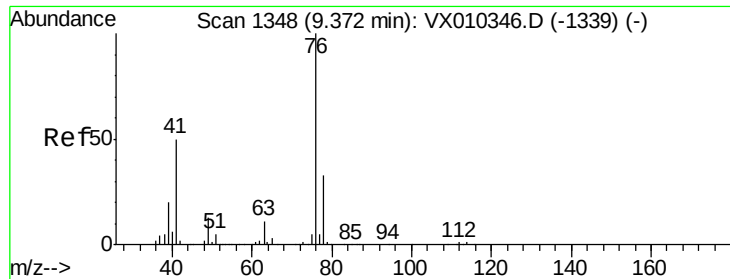
#56
 Ethyl methacrylate
 Concen: 18.982 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion: 69 Resp: 86333
 Ion Ratio Lower Upper
 69 100
 41 58.1 47.1 70.7
 39 34.2 26.6 40.0



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

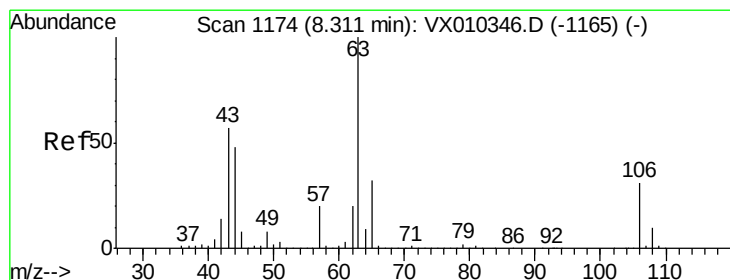
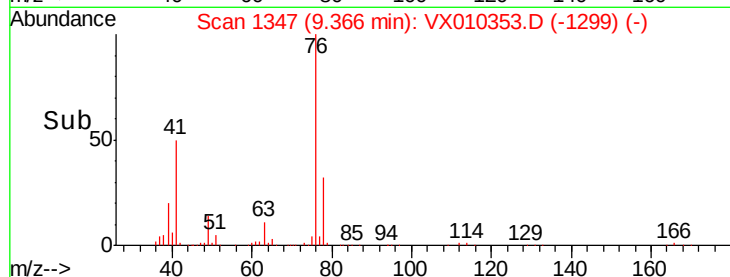
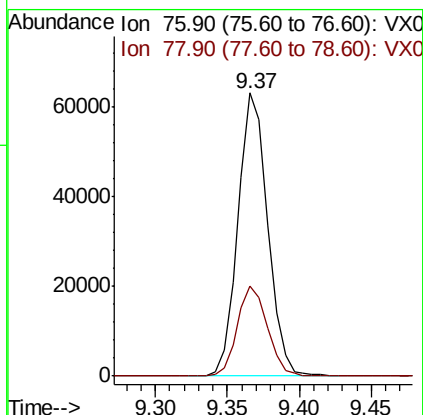
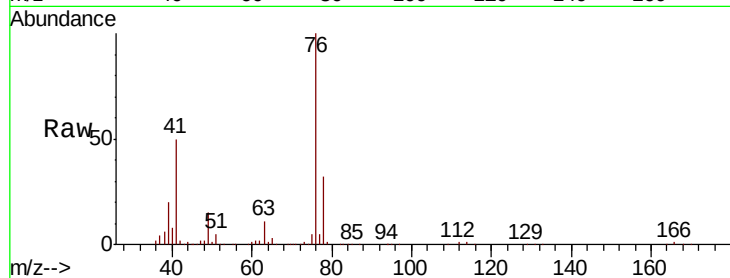




#57
 1,3-Dichloropropane
 Concen: 19.357 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

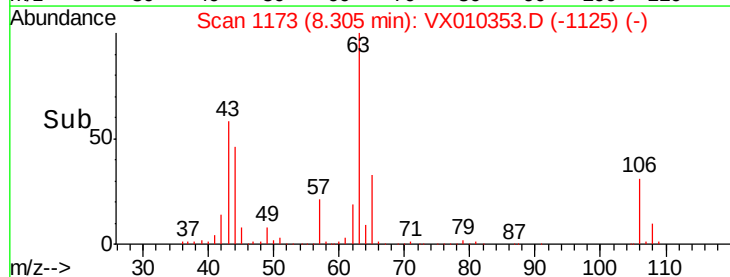
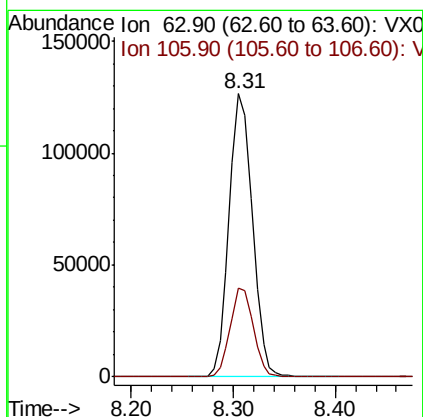
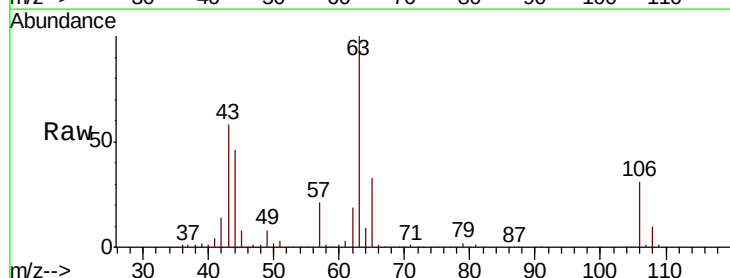
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

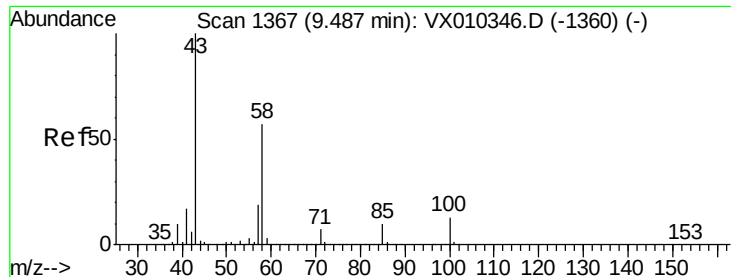
Tot Ion: 76 Resp: 90216
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.010 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion: 63 Resp: 200904
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.7 37.1

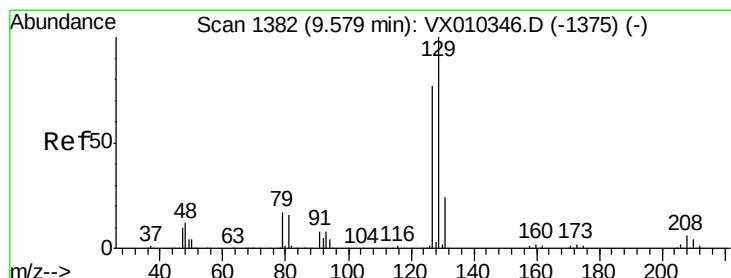
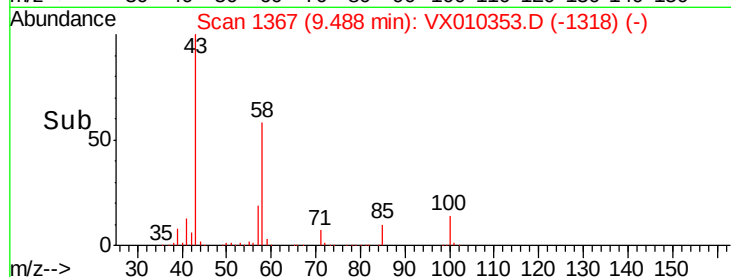
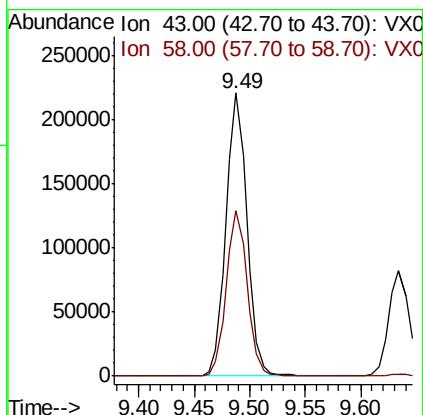
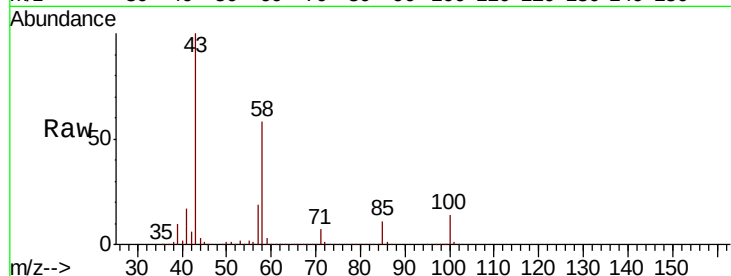




#59
2-Hexanone
Concen: 94.714 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

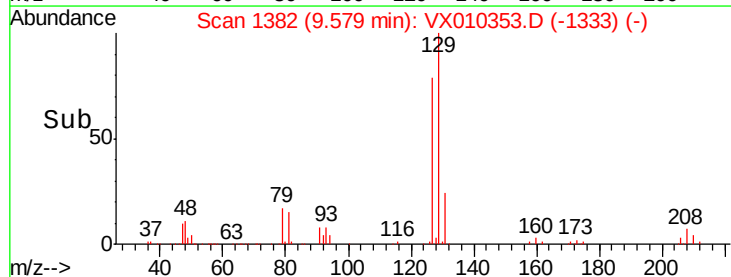
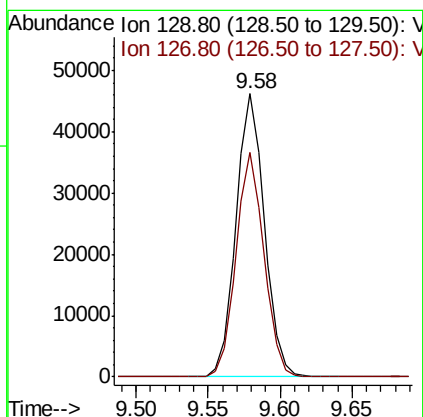
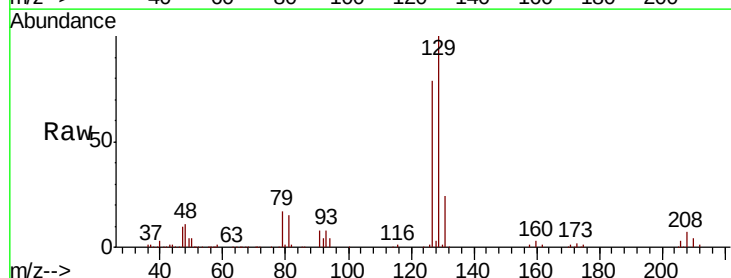
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

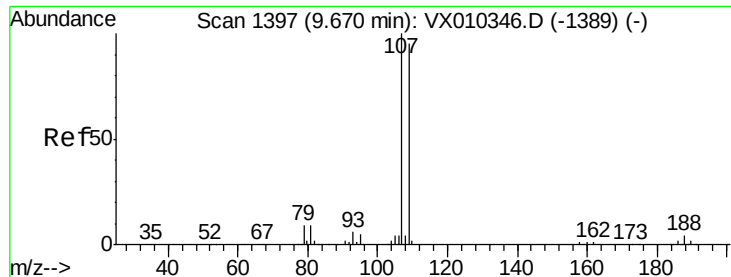
Tot Ion: 43 Resp: 287925
Ion Ratio Lower Upper
43 100
58 58.8 29.0 87.1



#60
Dibromochloromethane
Concen: 18.916 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion: 129 Resp: 63589
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.154 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

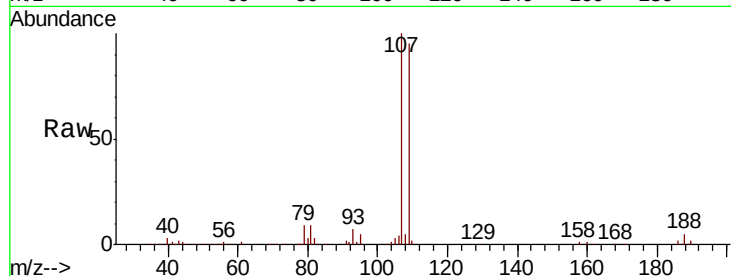
VX0620WBS01

Tot Ion: 107 Resp: 62072

Ion Ratio Lower Upper

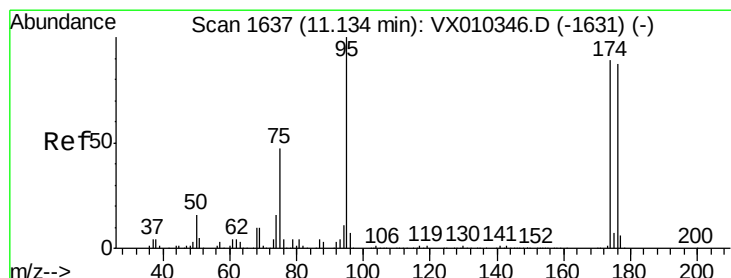
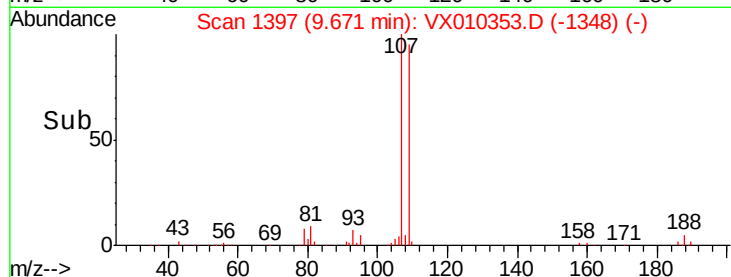
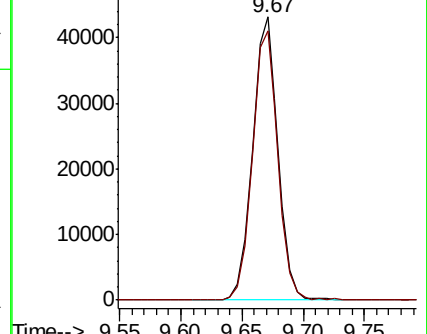
107 100

109 95.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.206 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

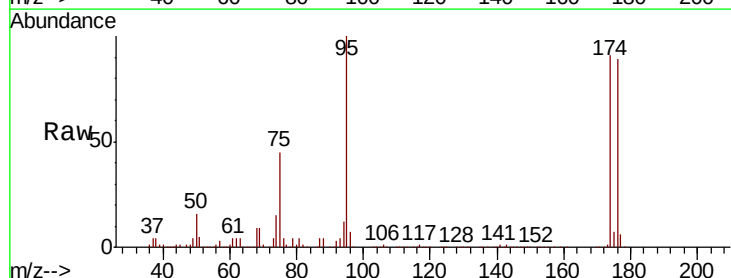
Tgt Ion: 95 Resp: 185676

Ion Ratio Lower Upper

95 100

174 93.7 0.0 187.6

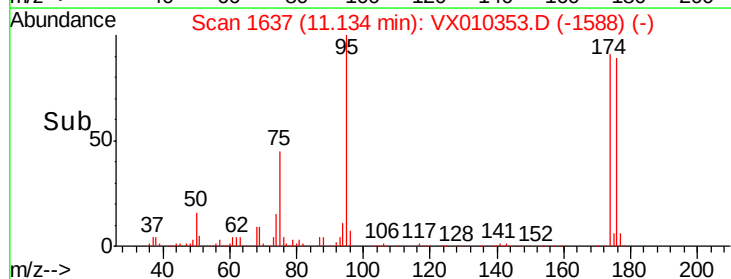
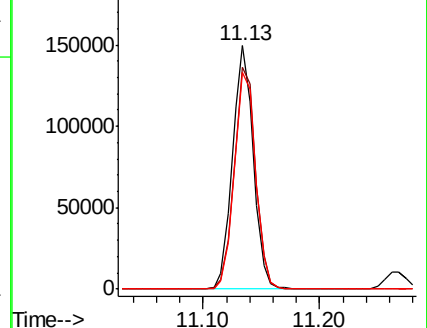
176 91.9 0.0 184.0

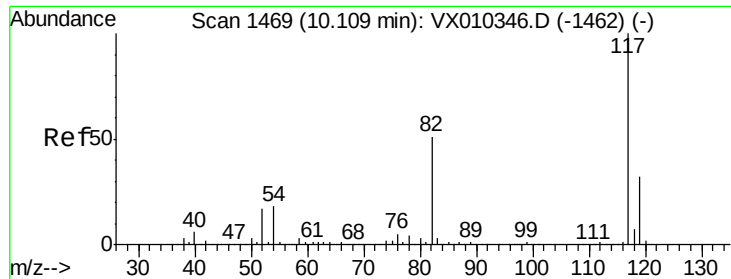


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

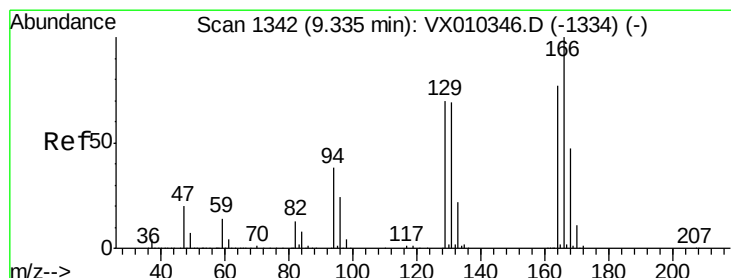
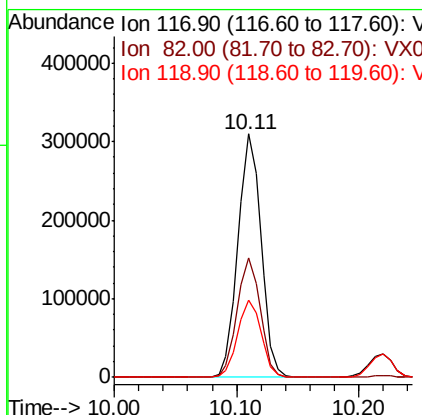
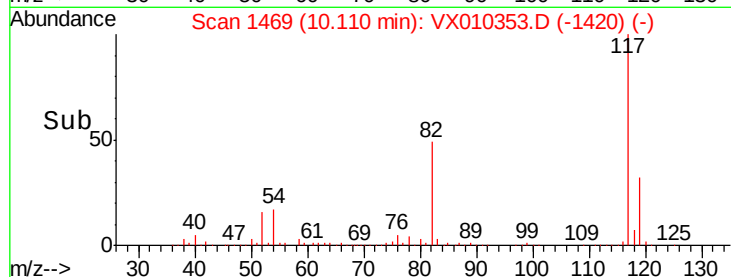
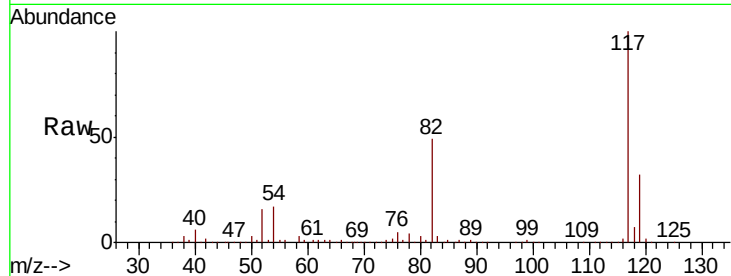




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

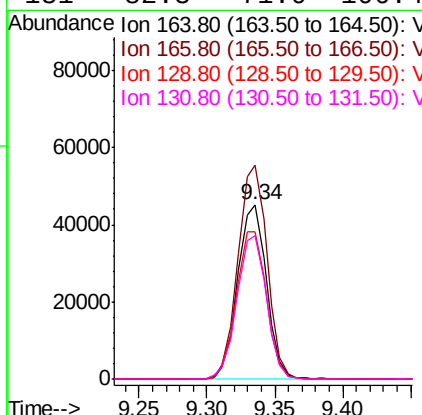
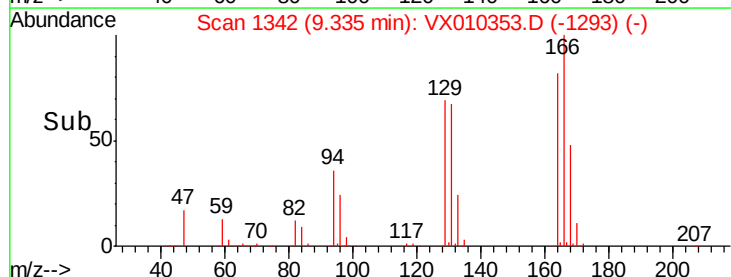
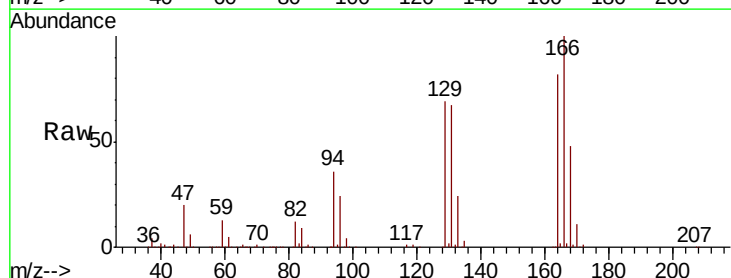
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

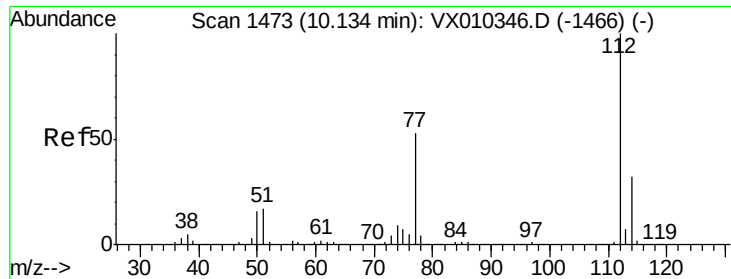
Tot Ion:117 Resp: 404660
Ion Ratio Lower Upper
117 100
82 49.2 41.2 61.8
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 20.350 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion:164 Resp: 66604
Ion Ratio Lower Upper
164 100
166 122.3 103.6 155.4
129 84.3 73.0 109.4
131 82.3 71.0 106.4

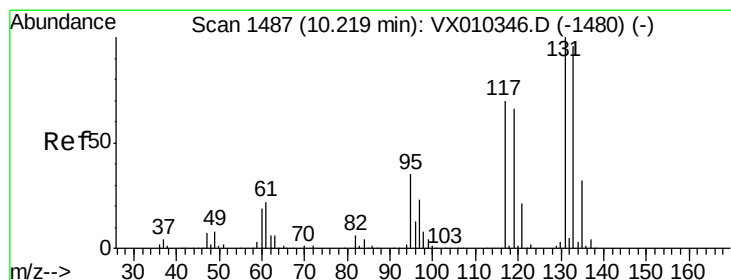
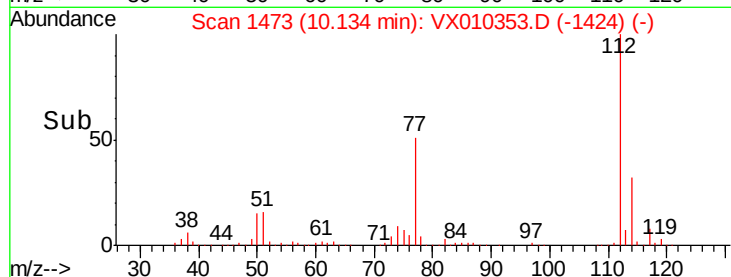
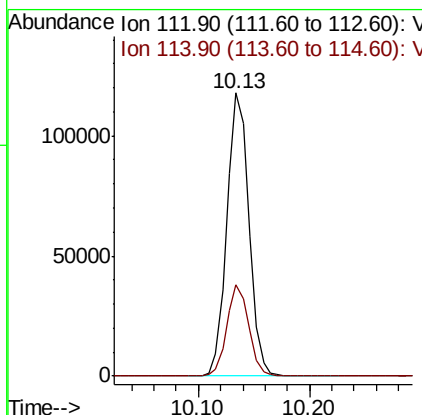
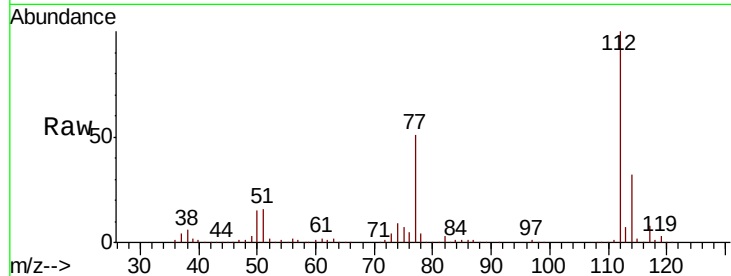




#65
Chlorobenzene
Concen: 19.673 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

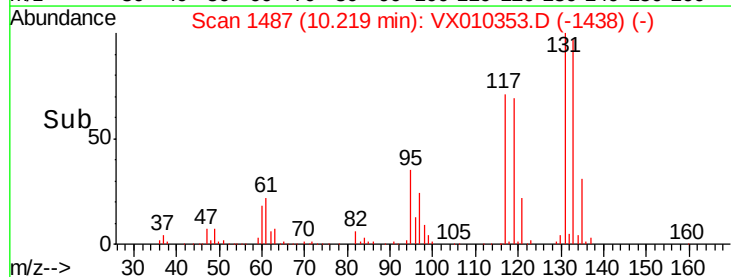
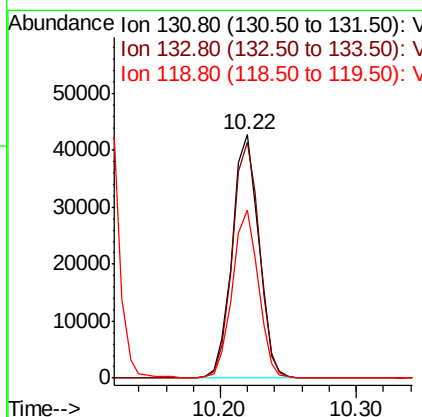
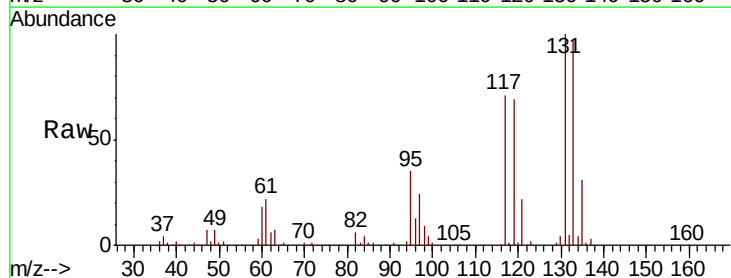
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

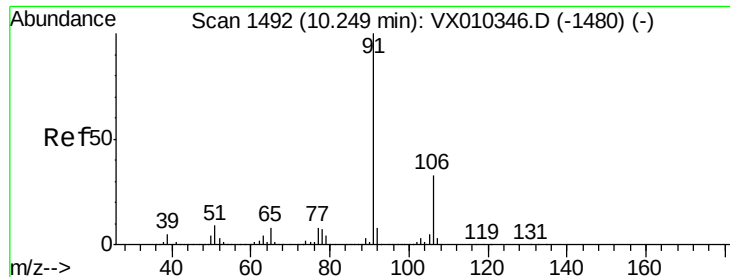
Tot Ion:112 Resp: 161625
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.566 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion:131 Resp: 58551
Ion Ratio Lower Upper
131 100
133 97.7 47.7 143.1
119 67.8 32.6 97.7





#67

Ethyl Benzene

Concen: 19.601 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

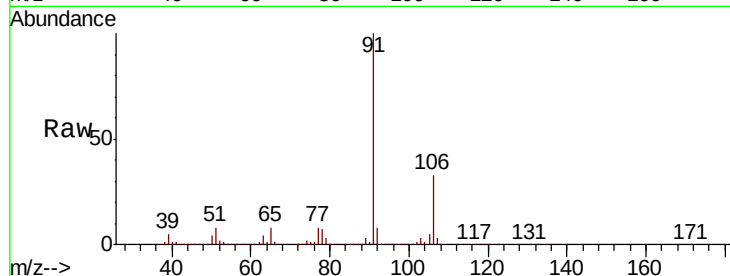
VX0620WBS01

Tot Ion: 91 Resp: 271857

Ion Ratio Lower Upper

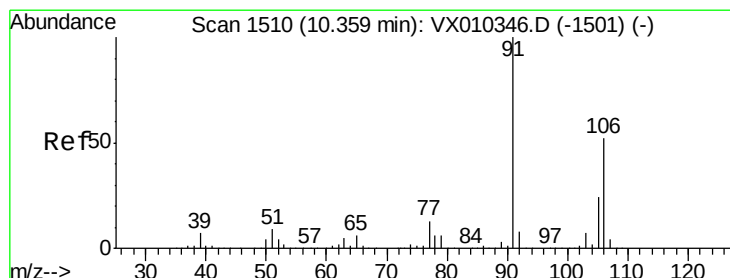
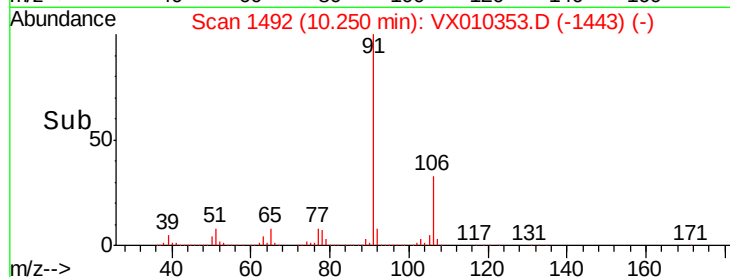
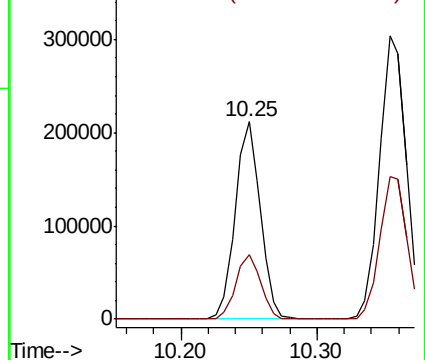
91 100

106 32.7 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.605 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010353.D

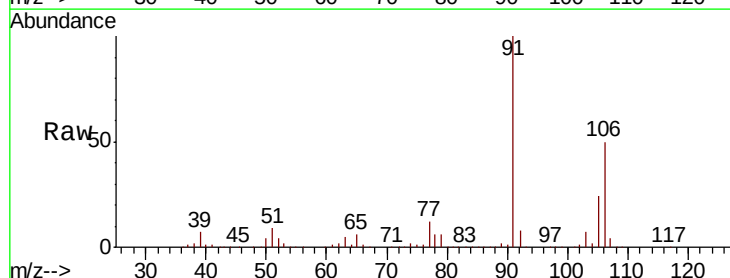
Acq: 20 Jun 2019 12:11

Tgt Ion: 106 Resp: 212839

Ion Ratio Lower Upper

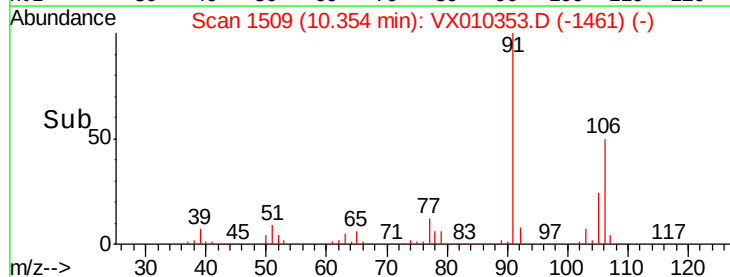
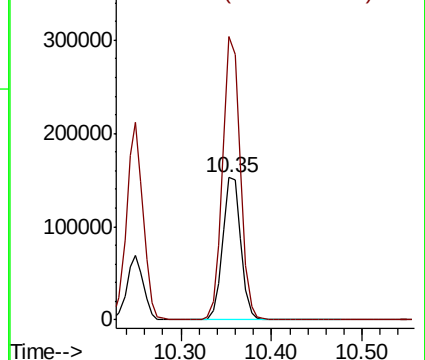
106 100

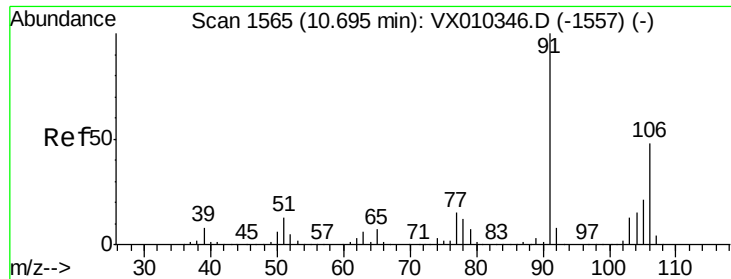
91 194.5 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

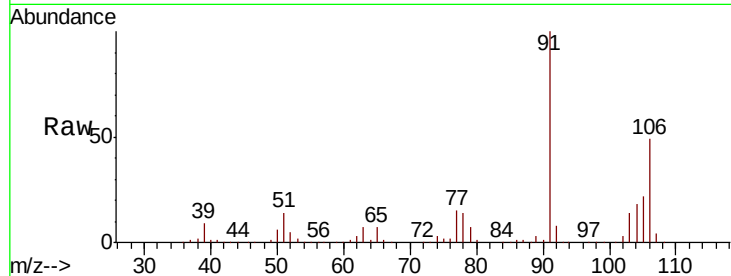




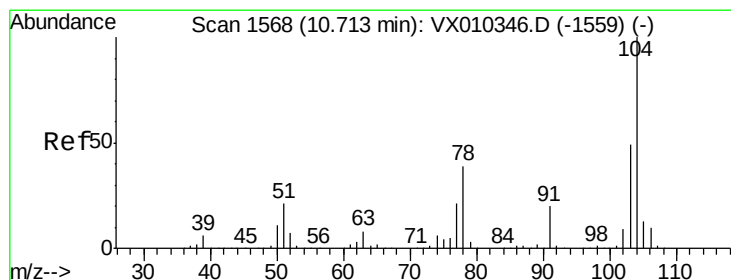
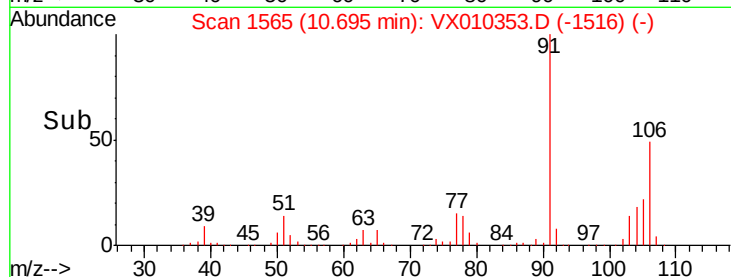
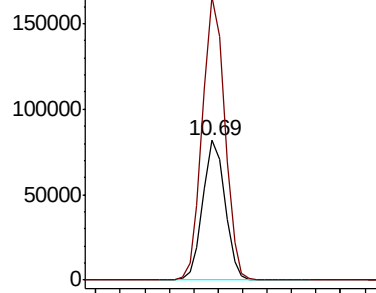
#69
o-Xylene
Concen: 19.403 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tot Ion:106 Resp: 102544
Ion Ratio Lower Upper
106 100
91 204.3 102.7 308.1

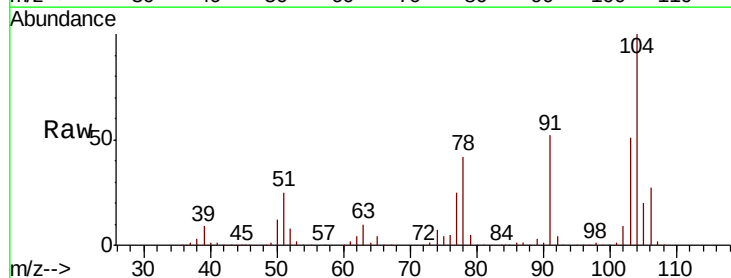


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

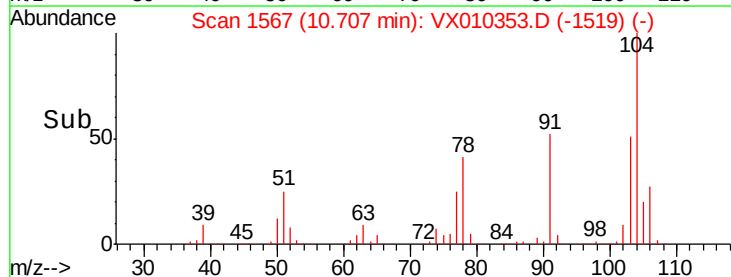
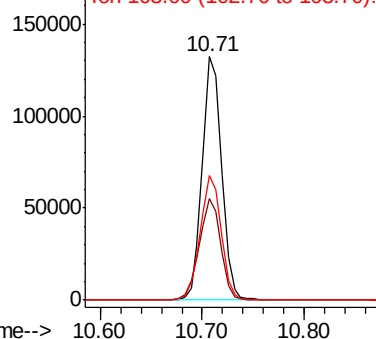


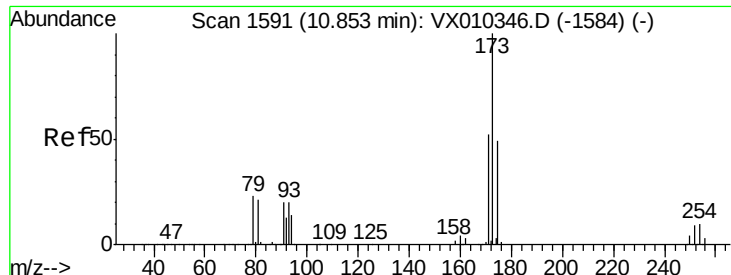
#70
Styrene
Concen: 19.528 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion:104 Resp: 173075
Ion Ratio Lower Upper
104 100
78 46.1 36.2 54.2
103 55.2 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.323 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

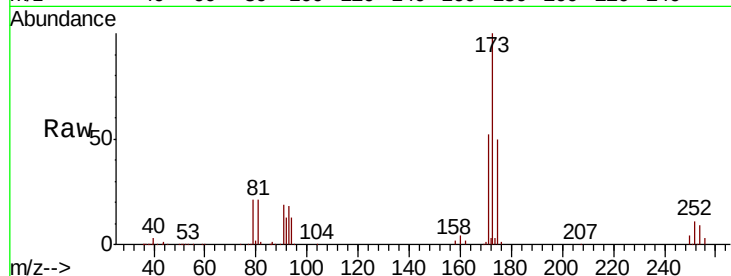
Tot Ion:173 Resp: 50285

Ion Ratio Lower Upper

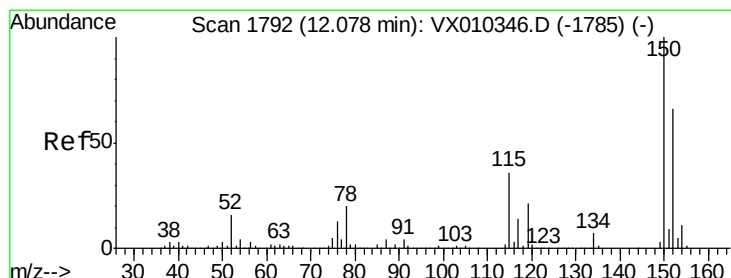
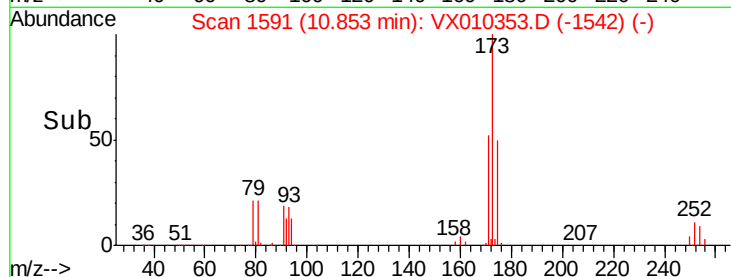
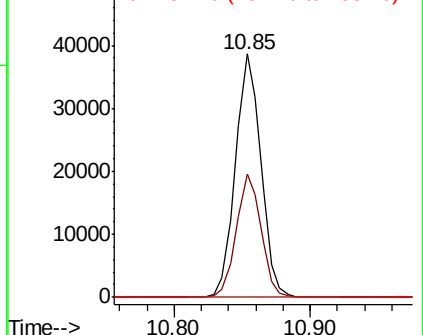
173 100

175 49.3 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

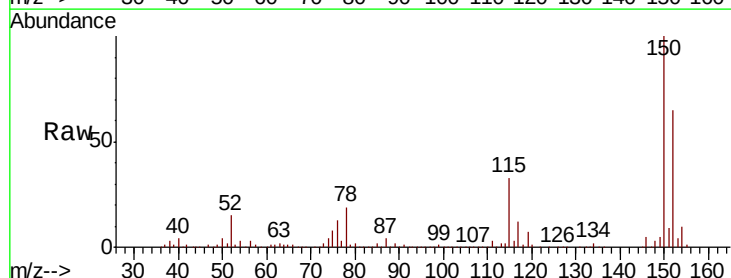
Tgt Ion:152 Resp: 208980

Ion Ratio Lower Upper

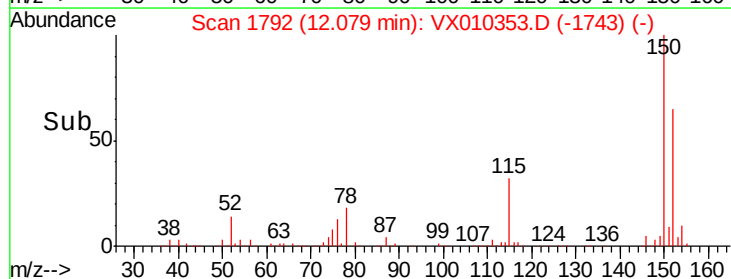
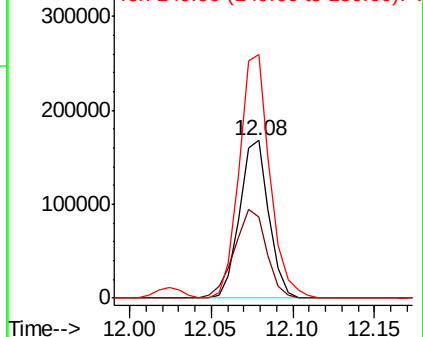
152 100

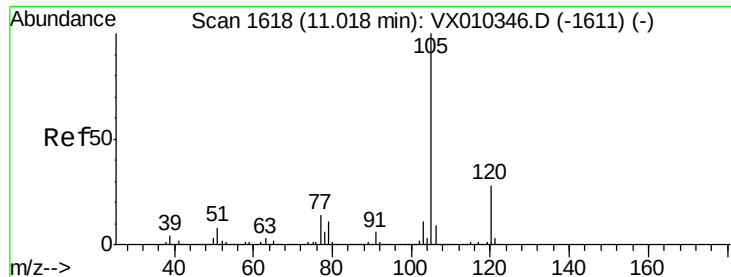
115 62.6 38.6 115.7

150 161.7 0.0 347.4



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: 19.455 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

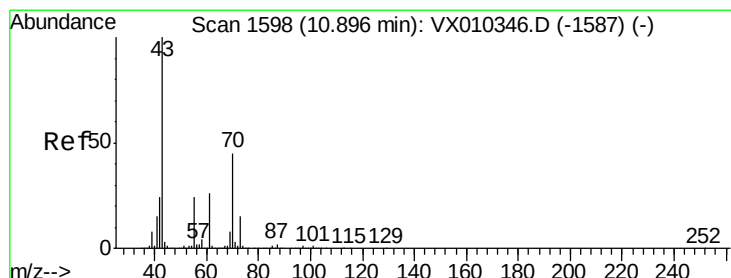
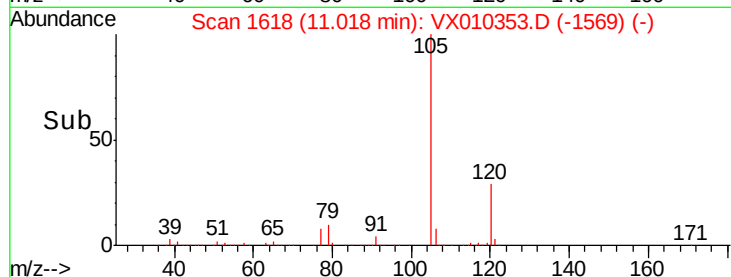
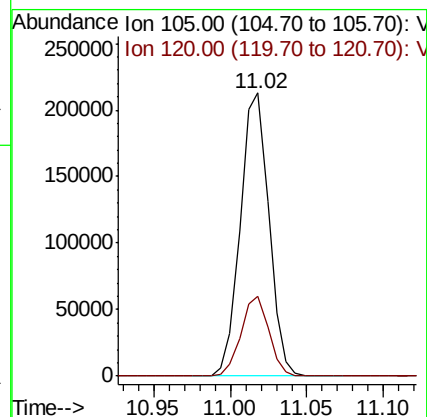
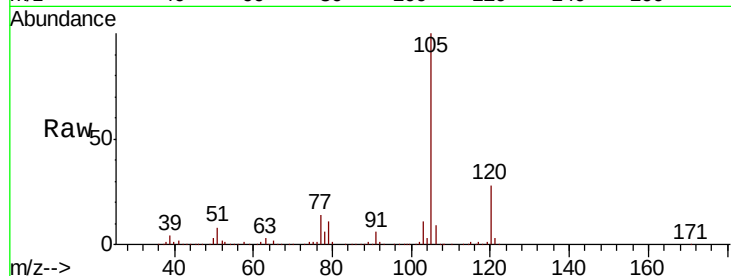
VX0620WBS01

Tot Ion:105 Resp: 275598

Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.4



#74

N-ethyl acetate

Concen: 18.989 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Tgt Ion: 43 Resp: 101661

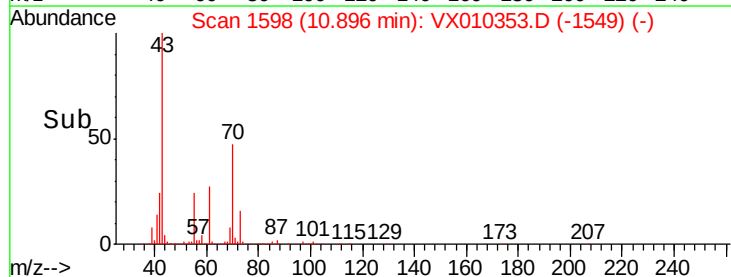
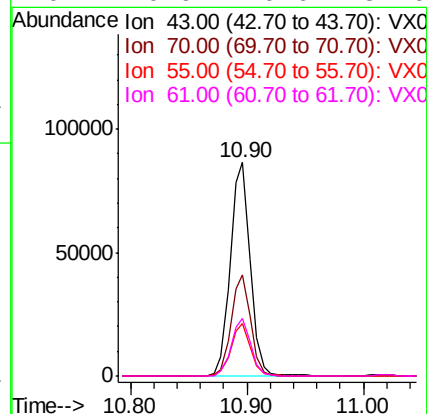
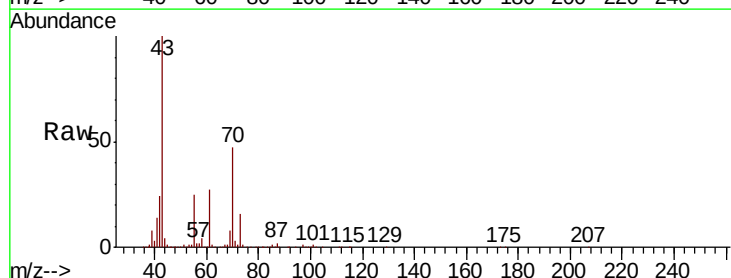
Ion Ratio Lower Upper

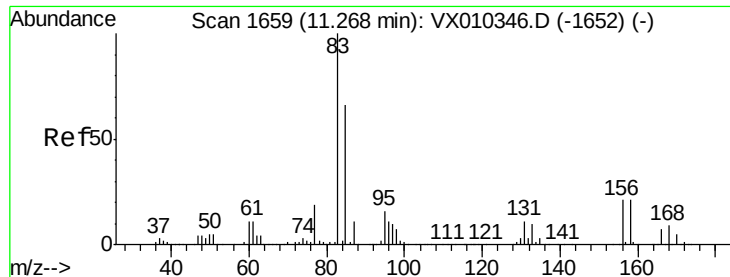
43 100

70 46.6 36.6 54.8

55 24.5 18.7 28.1

61 26.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.612 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

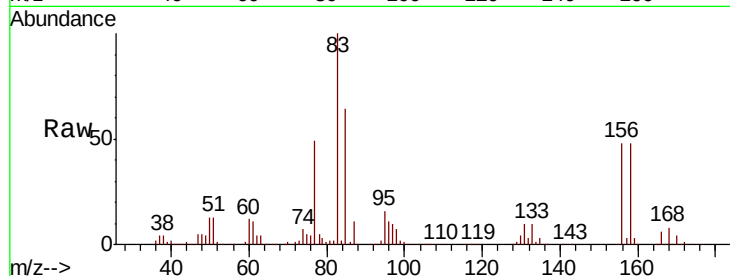
Tot Ion: 83 Resp: 87318

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

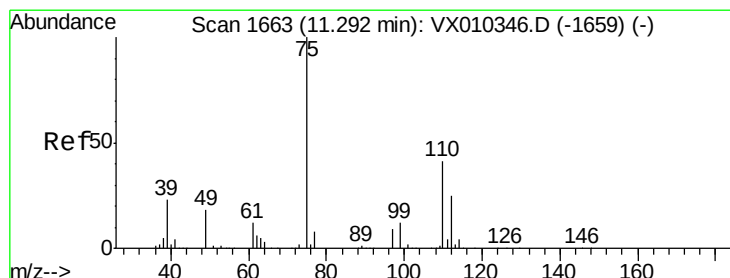
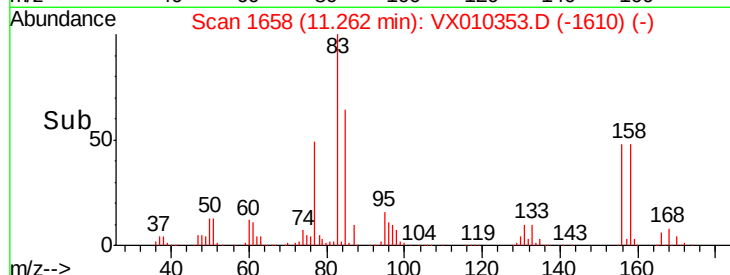
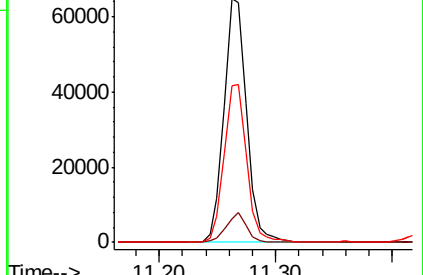
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.742 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010353.D

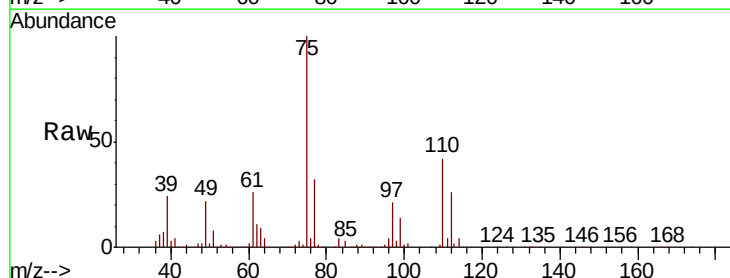
Acq: 20 Jun 2019 12:11

Tgt Ion: 75 Resp: 98031

Ion Ratio Lower Upper

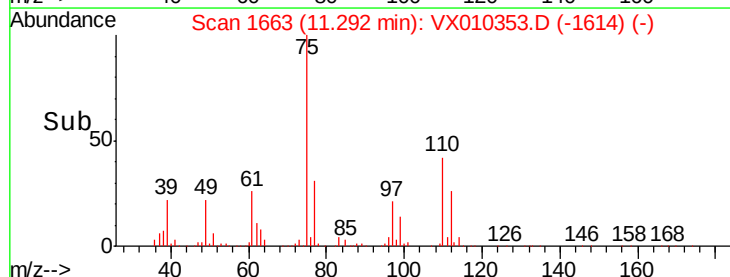
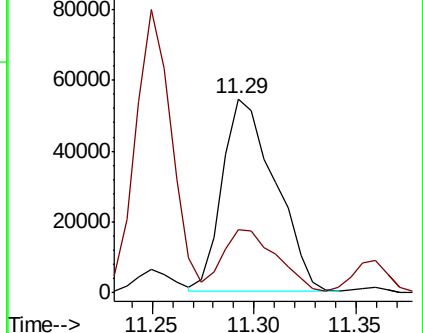
75 100

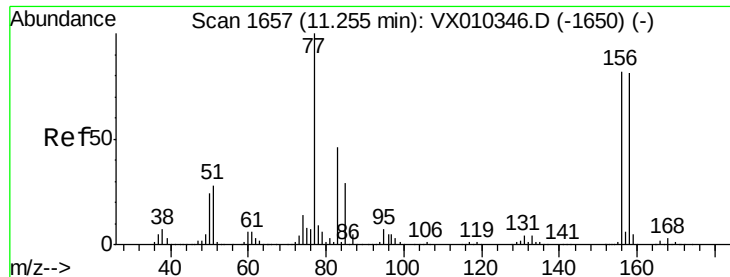
77 33.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.817 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampled :

VX0620WBS01

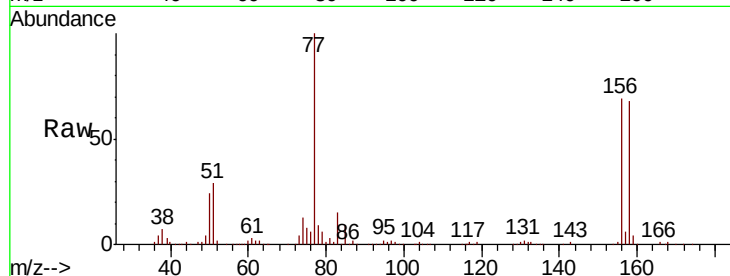
Tot Ion:156 Resp: 74432

Ion Ratio Lower Upper

156 100

77 131.9 66.3 198.7

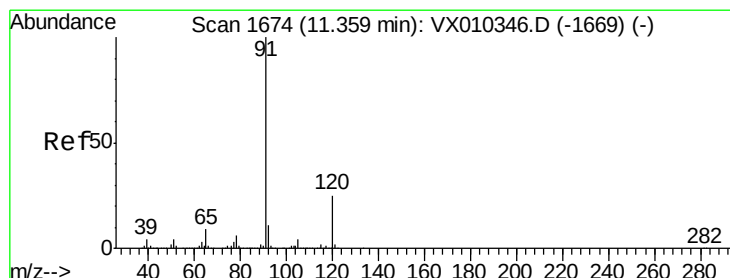
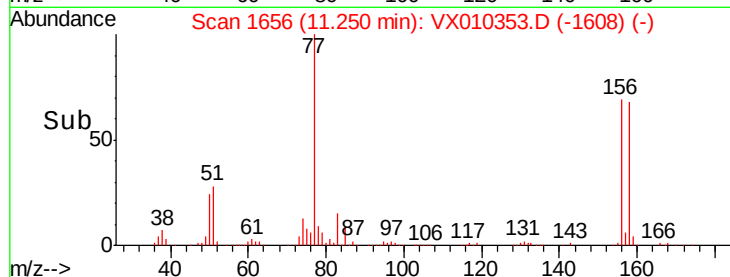
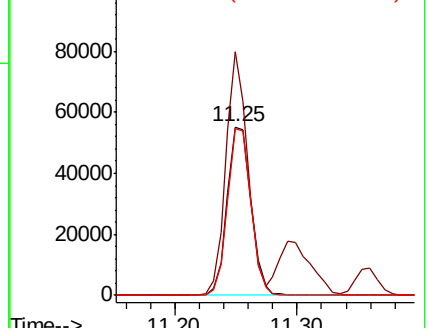
158 97.2 48.9 146.7



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: 19.597 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010353.D

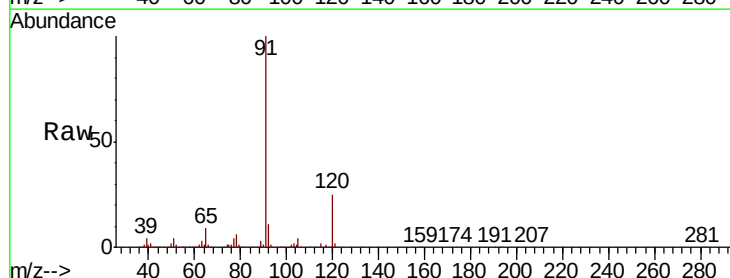
Acq: 20 Jun 2019 12:11

Tgt Ion: 91 Resp: 305120

Ion Ratio Lower Upper

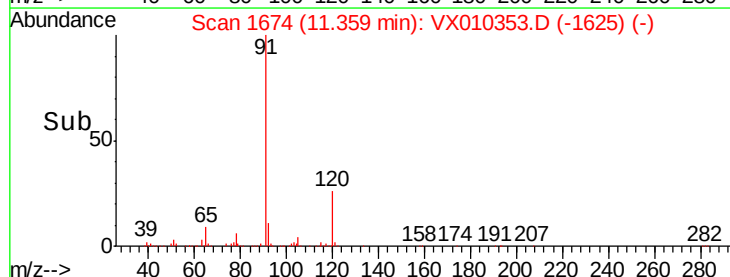
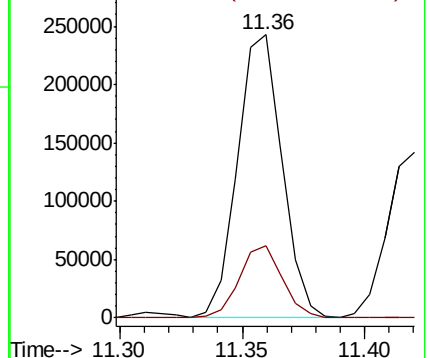
91 100

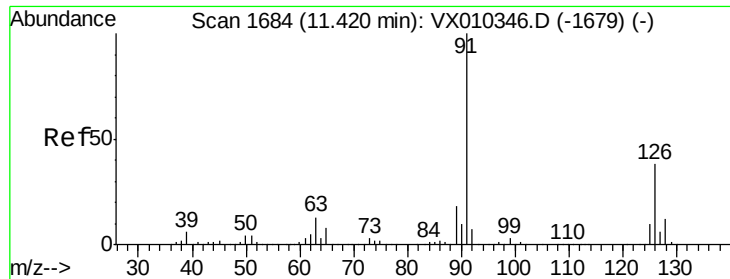
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

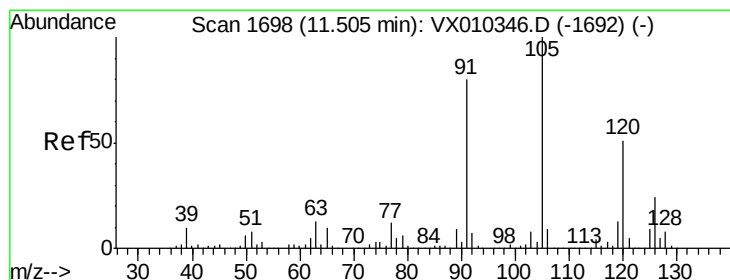
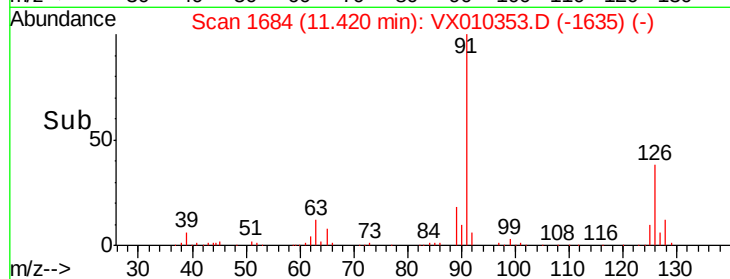
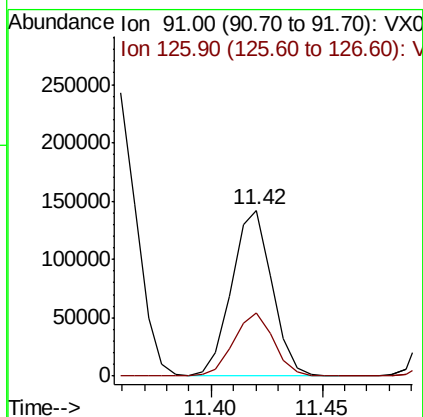
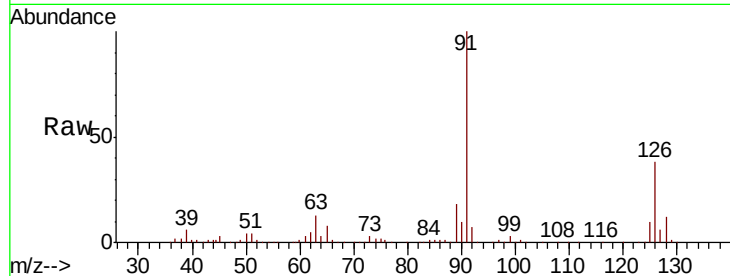




#79
 2-Chlorotoluene
 Concen: 19.229 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

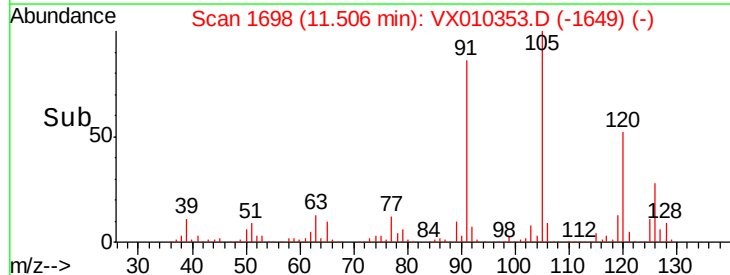
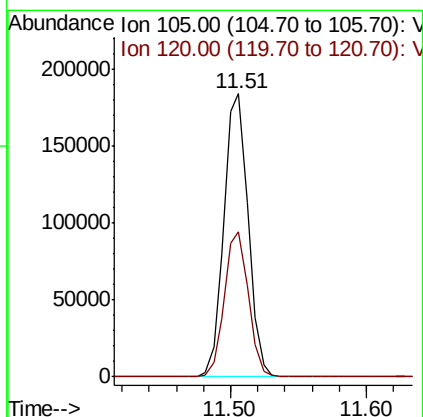
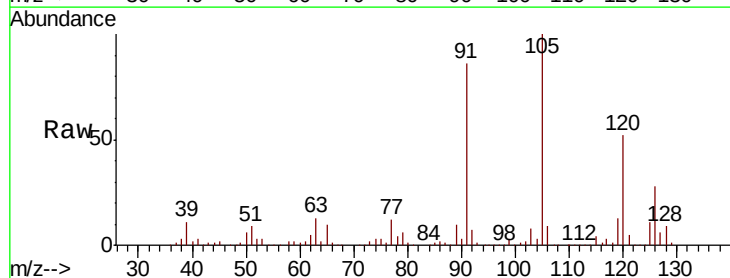
Instrument :
 MSVOA_X
 ClientSampled :
 VX0620WBS01

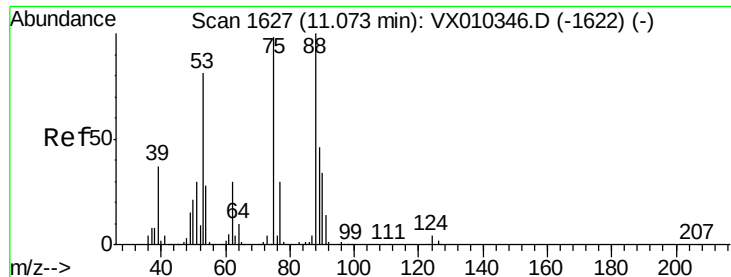
Tot Ion: 91 Resp: 178274
 Ion Ratio Lower Upper
 91 100
 126 38.0 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.496 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion: 105 Resp: 227680
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.422 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

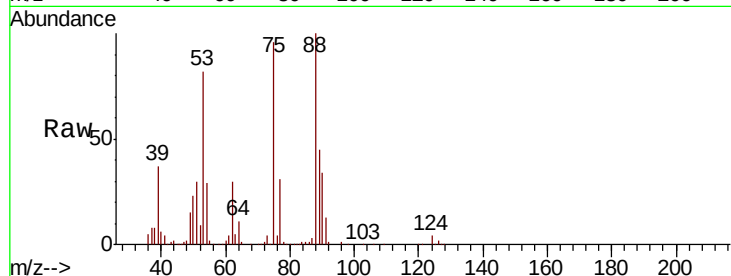
Tot Ion: 75 Resp: 30071

Ion Ratio Lower Upper

75 100

53 86.0 66.1 99.1

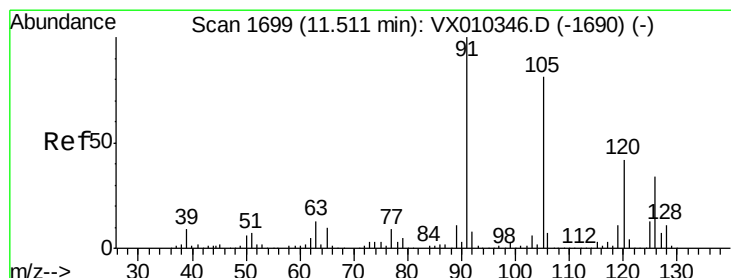
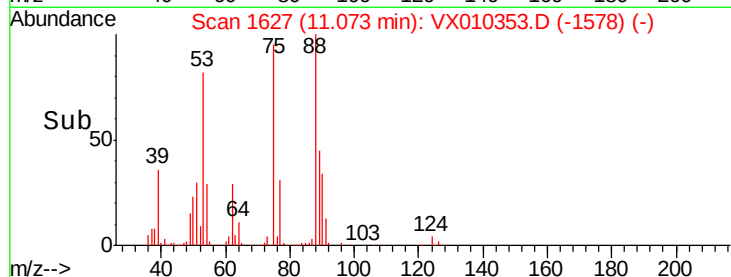
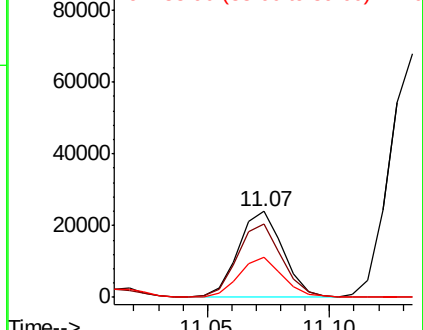
89 46.7 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.154 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010353.D

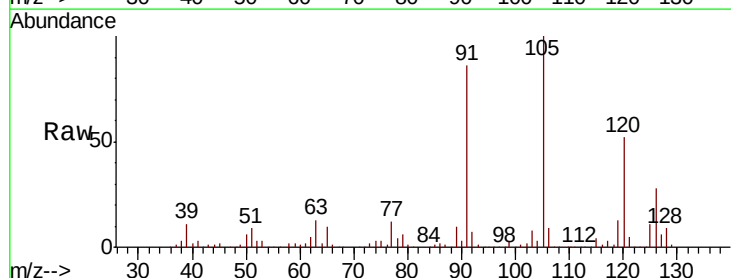
Acq: 20 Jun 2019 12:11

Tgt Ion: 91 Resp: 202066

Ion Ratio Lower Upper

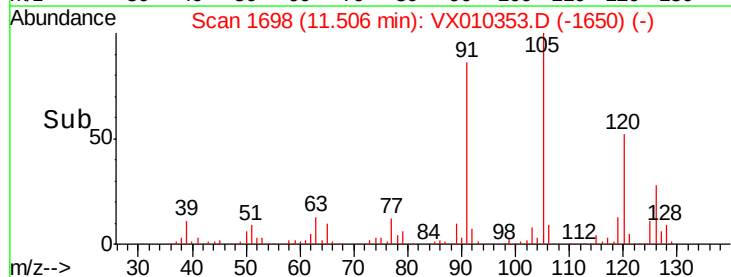
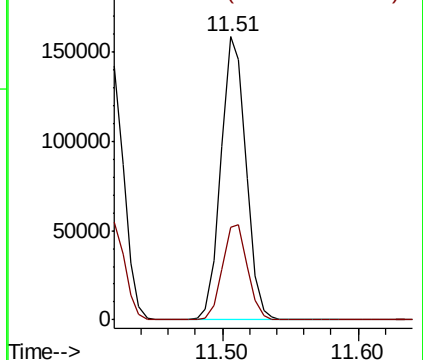
91 100

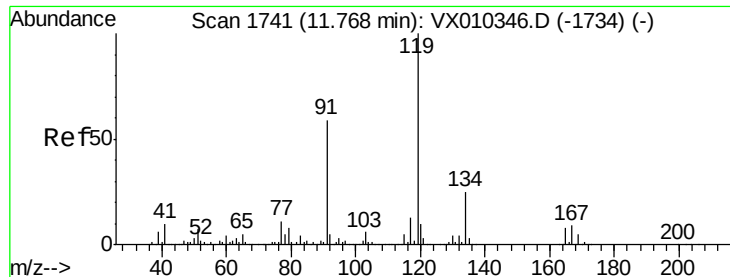
126 34.1 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

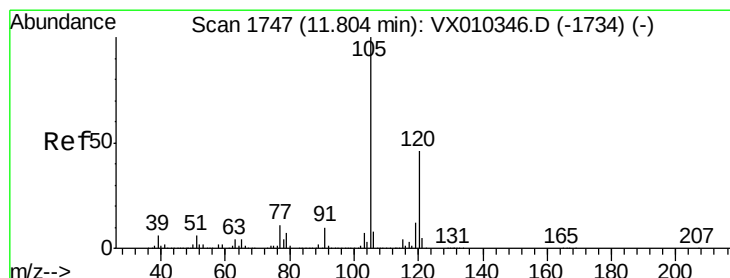
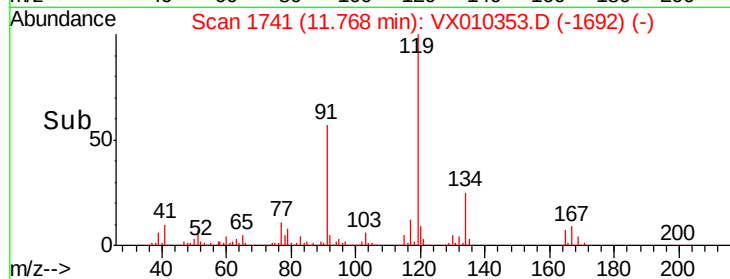
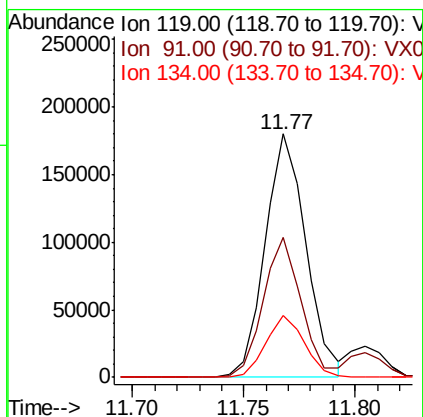
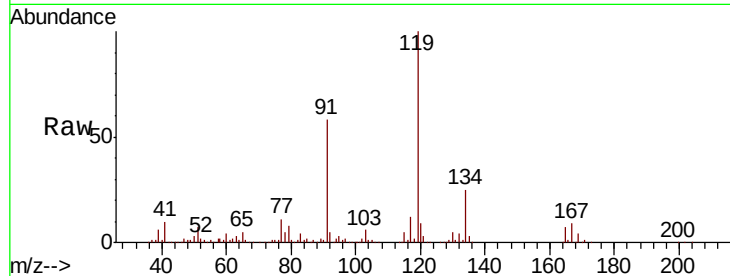




#83
 tert-Butylbenzene
 Concen: 19.505 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

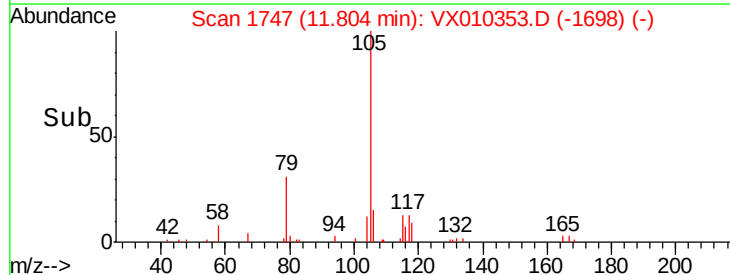
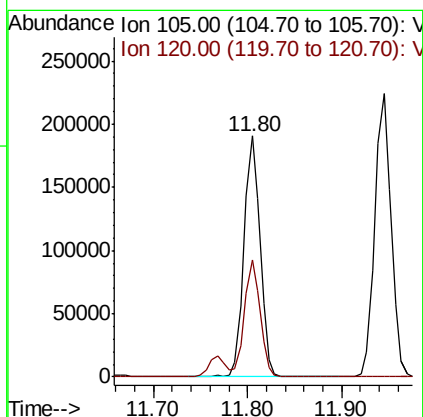
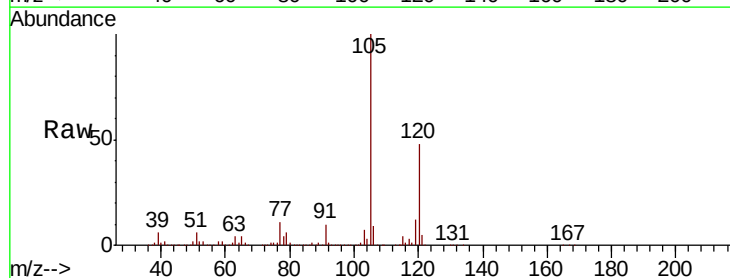
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

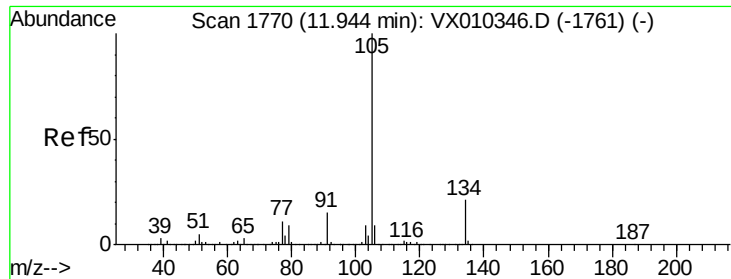
Tot Ion:119 Resp: 228621
 Ion Ratio Lower Upper
 119 100
 91 54.3 27.6 82.7
 134 24.0 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.484 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion:105 Resp: 228605
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.601 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

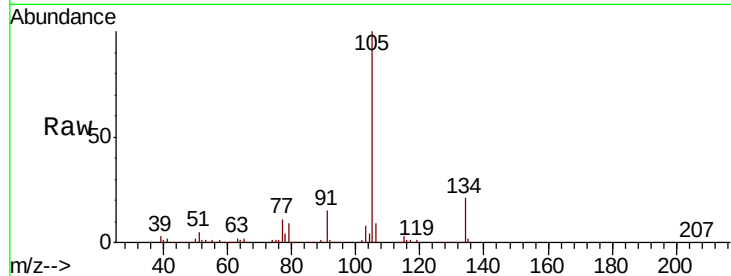
VX0620WBS01

Tot Ion:105 Resp: 269753

Ion Ratio Lower Upper

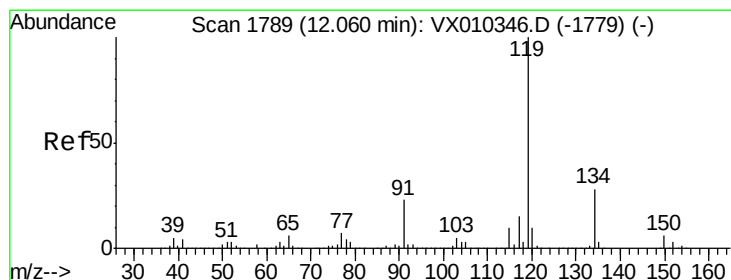
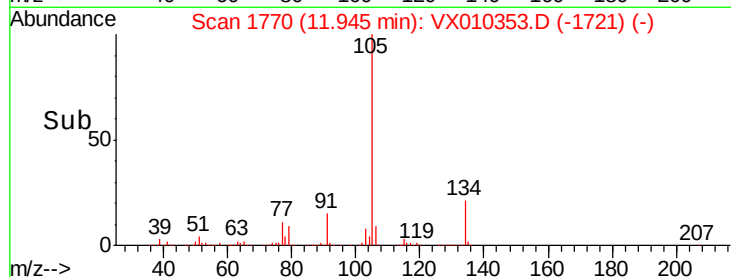
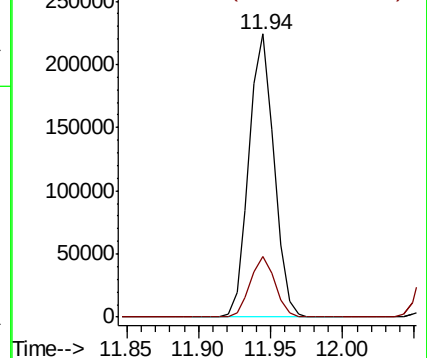
105 100

134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.644 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

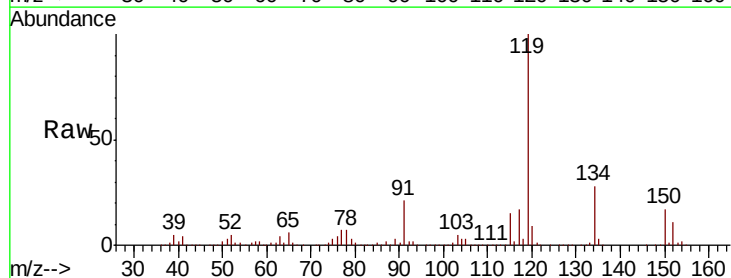
Tgt Ion:119 Resp: 250072

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

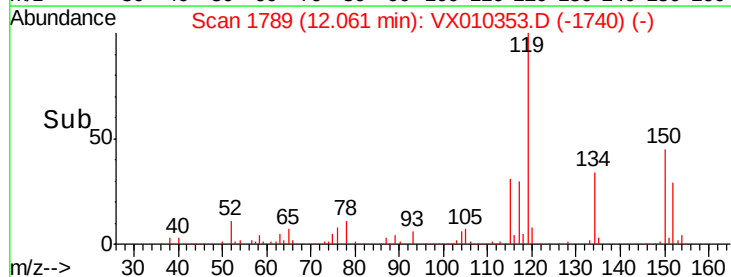
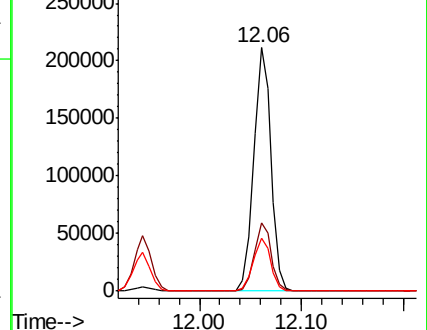
91 22.1 11.3 33.8

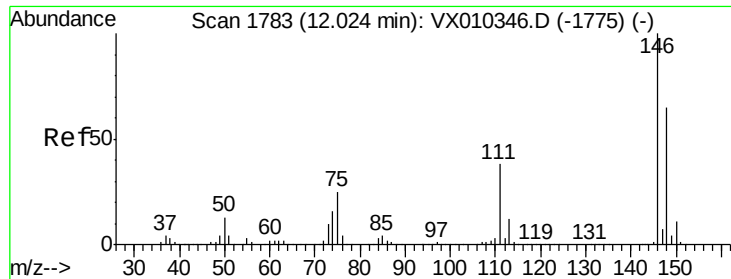


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

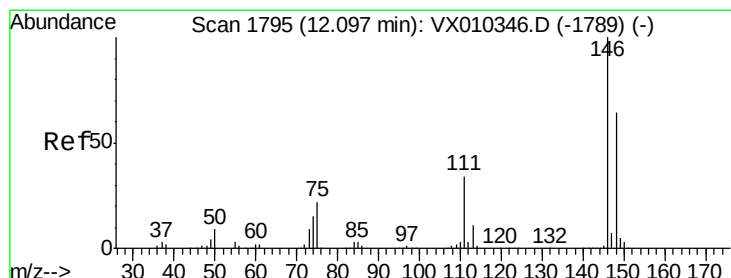
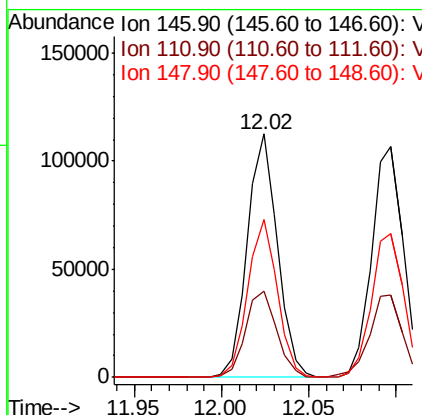
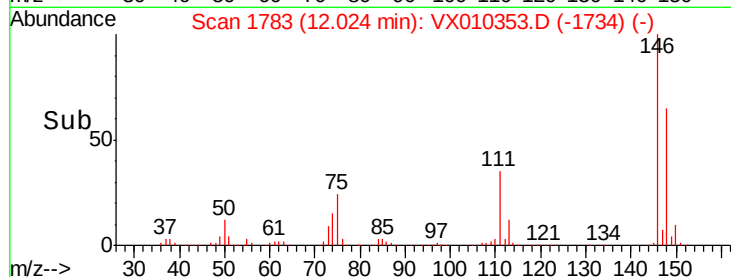
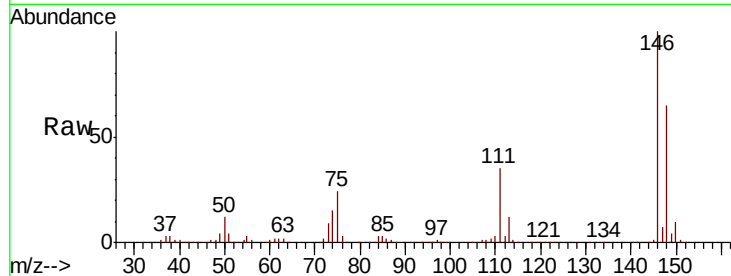




#87
 1,3-Dichlorobenzene
 Concen: 19.501 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

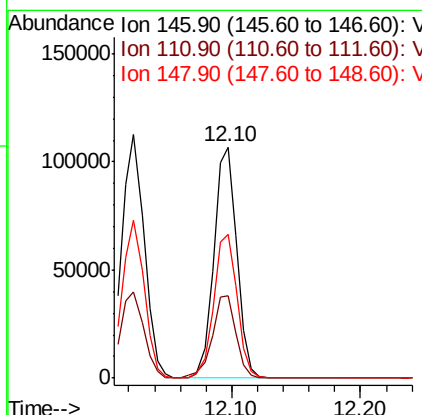
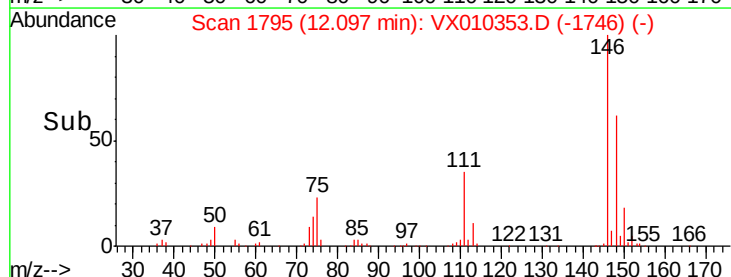
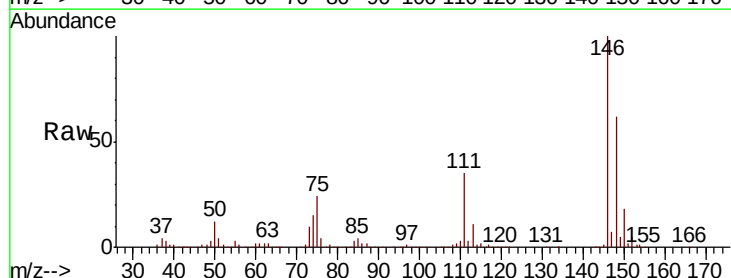
Instrument :
 MSVOA_X
 ClientSampled :
 VX0620WBS01

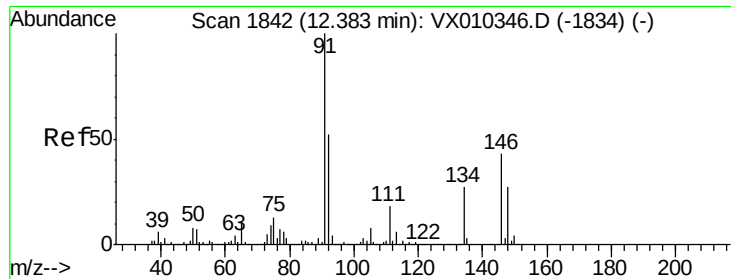
Tot Ion:146 Resp: 134651
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.1 57.1
 148 64.0 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.065 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion:146 Resp: 134015
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.3
 148 63.4 32.1 96.3

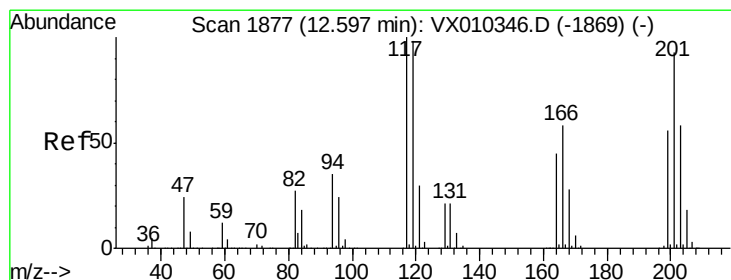
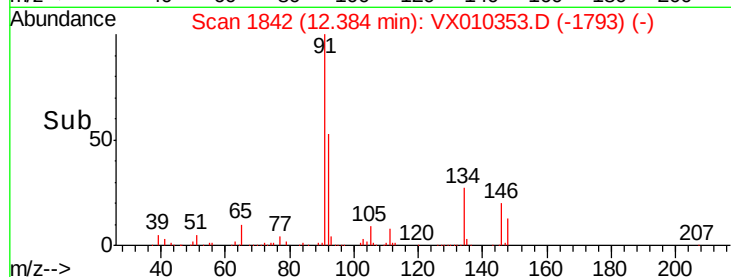
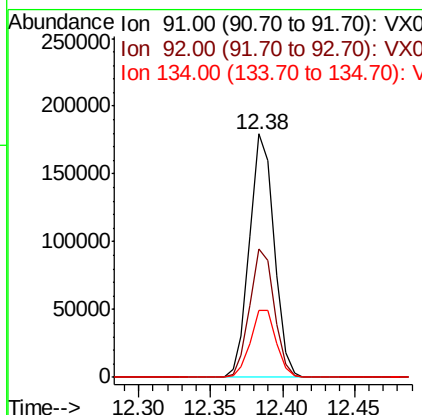
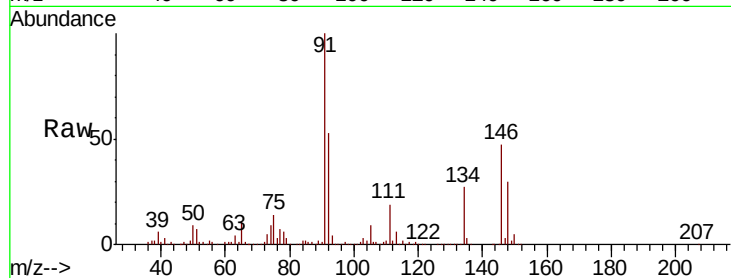




#89
n-Butylbenzene
Concen: 19.584 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

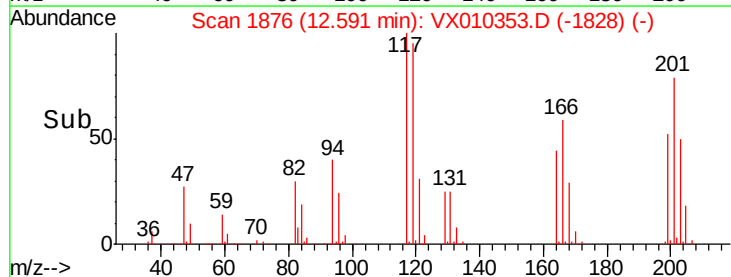
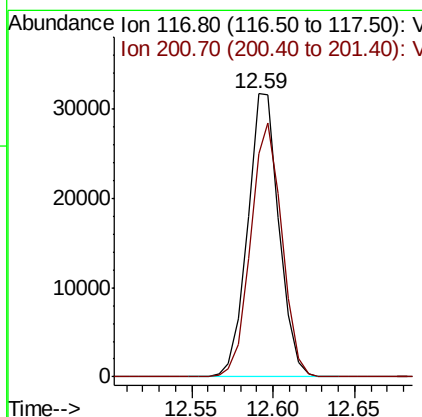
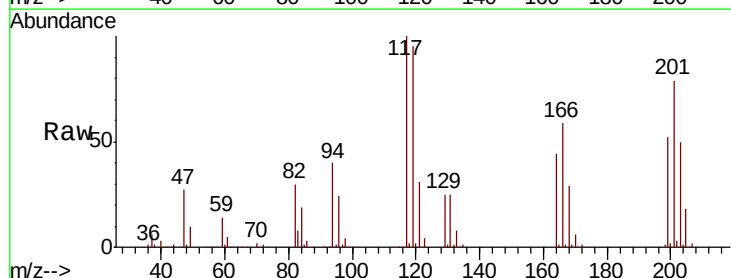
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

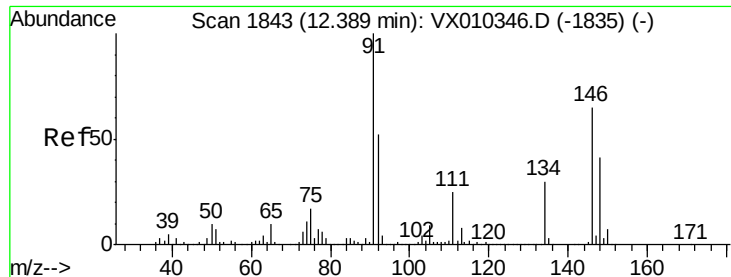
Tot Ion: 91 Resp: 211841
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 28.4 14.1 42.4



#90
Hexachloroethane
Concen: 19.377 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010353.D
Acq: 20 Jun 2019 12:11

Tgt Ion: 117 Resp: 42651
Ion Ratio Lower Upper
117 100
201 88.7 44.0 131.8

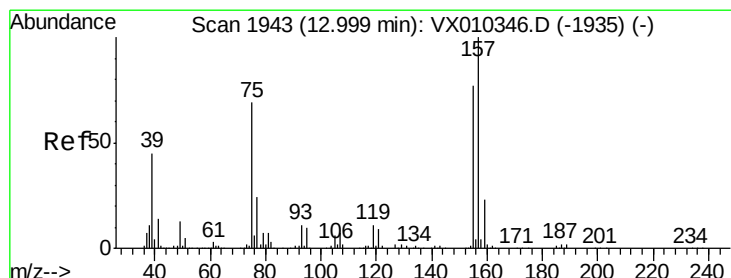
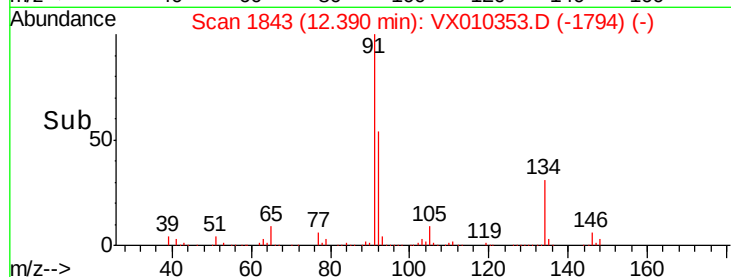
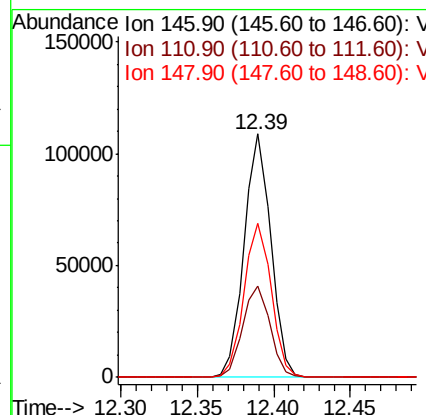
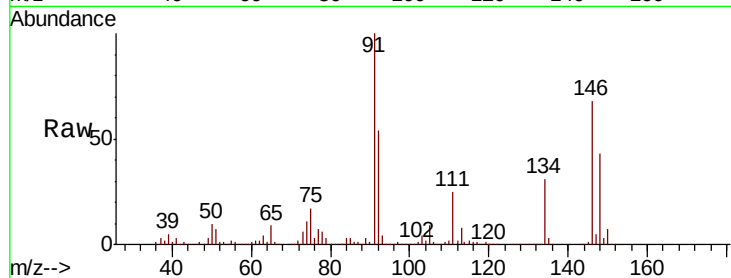




#91
 1,2-Dichlorobenzene
 Concen: 19.267 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

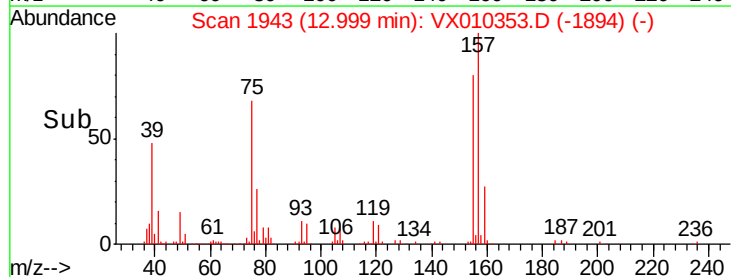
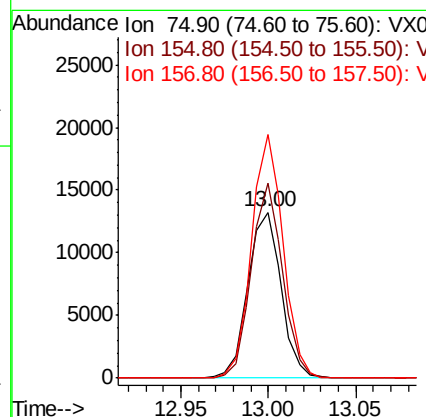
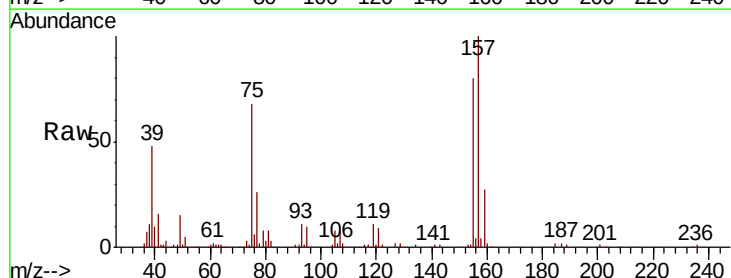
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

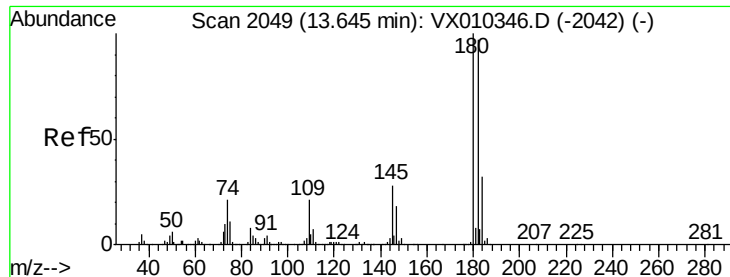
Tot Ion:146 Resp: 132221
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.2 57.6
 148 64.3 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.243 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010353.D
 Acq: 20 Jun 2019 12:11

Tgt Ion: 75 Resp: 17441
 Ion Ratio Lower Upper
 75 100
 155 111.0 54.4 163.1
 157 139.7 69.5 208.3





#93

1,2,4-Trichlorobenzene

Concen: 19.610 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

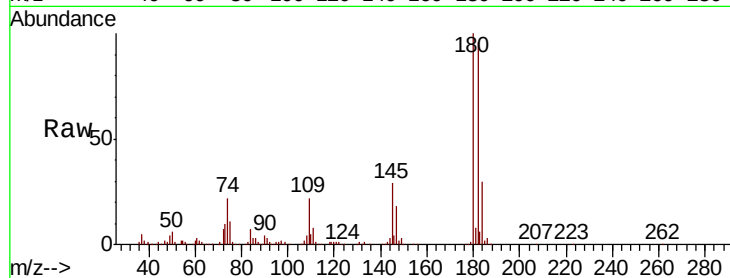
Tot Ion:180 Resp: 93325

Ion Ratio Lower Upper

180 100

182 94.5 48.0 144.0

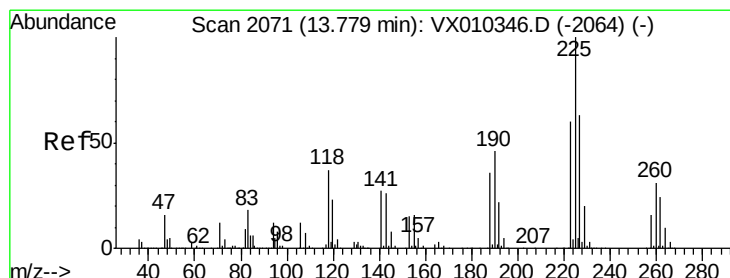
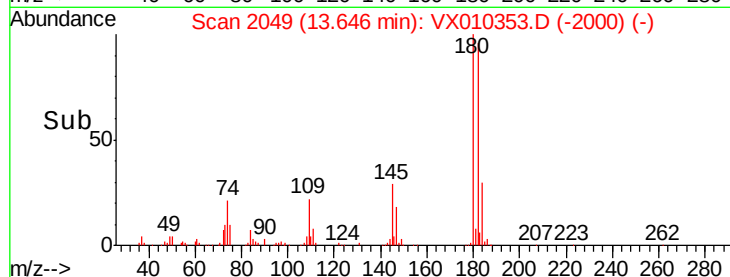
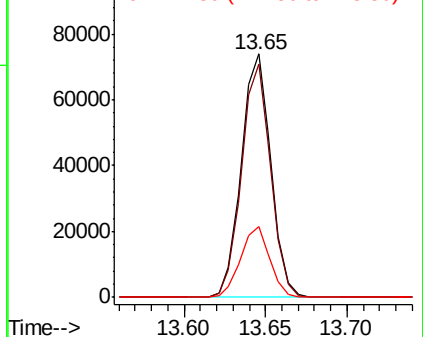
145 28.9 14.4 43.4



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: 19.905 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

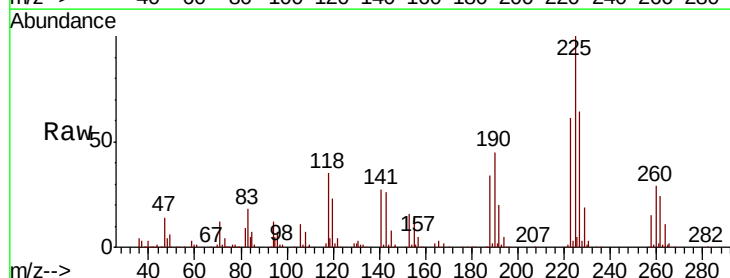
Tgt Ion:225 Resp: 46296

Ion Ratio Lower Upper

225 100

223 61.9 30.9 92.7

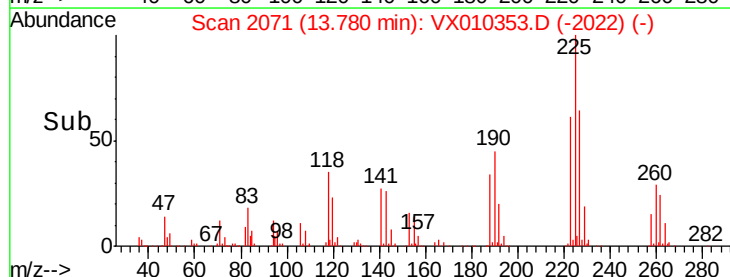
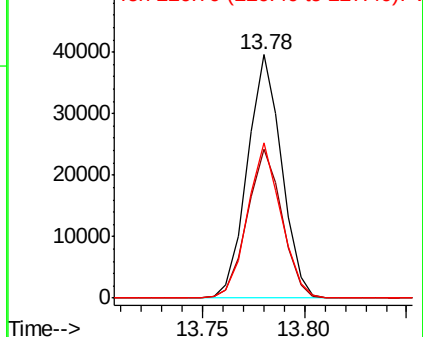
227 62.4 31.9 95.5

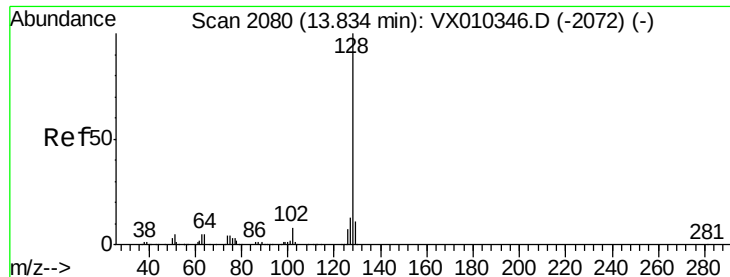


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.131 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

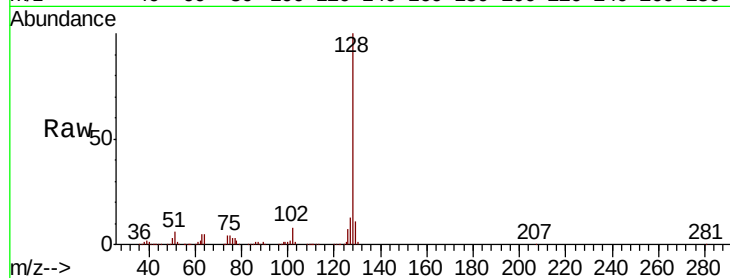
Tot Ion:128 Resp: 279785

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.8 8.9 13.3

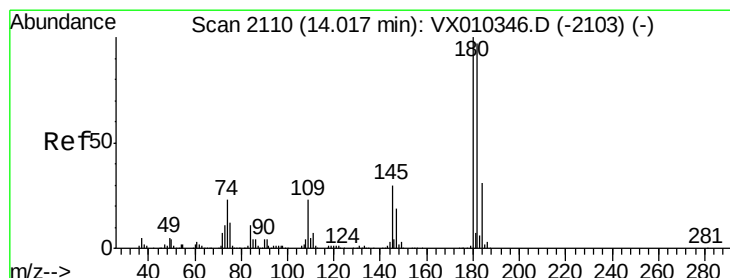
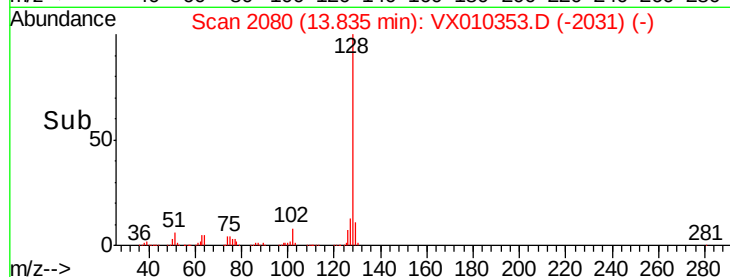
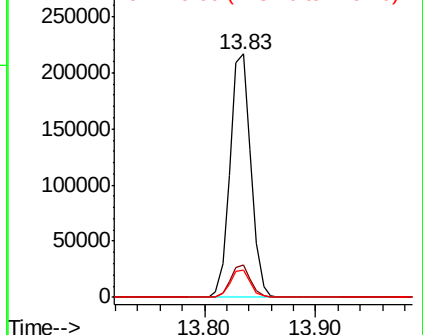


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.574 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010353.D

Acq: 20 Jun 2019 12:11

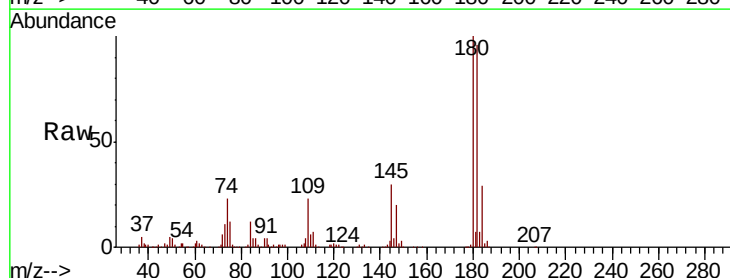
Tgt Ion:180 Resp: 92619

Ion Ratio Lower Upper

180 100

182 94.4 47.8 143.3

145 30.3 15.2 45.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

