

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010113.D
 Acq On : 07 Jun 2019 17:03
 Operator : JC/SP
 Sample : VX0607MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Quant Time: Jun 08 02:20:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	310983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	473567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	425243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210075	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	148940	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.50	113	144868	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.71	98	547459	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	202676	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63099	22.051	ug/l	99
3) Chloromethane	1.33	50	58269	20.504	ug/l	99
4) Vinyl Chloride	1.41	62	55471	20.769	ug/l	100
5) Bromomethane	1.64	94	25324	25.126	ug/l	99
6) Chloroethane	1.72	64	30482	22.636	ug/l	95
7) Trichlorofluoromethane	1.93	101	82640	20.830	ug/l	99
8) Diethyl Ether	2.19	74	28455	20.809	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54593	19.962	ug/l	91
10) Methyl Iodide	2.51	142	86407	20.392	ug/l	96
11) Tert butyl alcohol	3.04	59	77146	103.743	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55756	19.961	ug/l #	78
13) Acrolein	2.29	56	14601	107.683	ug/l	99
14) Allyl chloride	2.73	41	82323	19.524	ug/l #	88
15) Acrylonitrile	3.14	53	153722	101.136	ug/l	100
16) Acetone	2.45	43	135233	94.718	ug/l #	88
17) Carbon Disulfide	2.57	76	155380	19.251	ug/l	97
18) Methyl Acetate	2.78	43	61652	19.635	ug/l #	81
19) Methyl tert-butyl Ether	3.20	73	176999	19.724	ug/l	94
20) Methylene Chloride	2.85	84	61883	19.736	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	59359	19.202	ug/l #	80
22) Diisopropyl ether	3.86	45	161882	20.081	ug/l #	82
23) Vinyl Acetate	3.81	43	734131	102.080	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	96369	19.689	ug/l	94
25) 2-Butanone	4.67	43	217160	102.143	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	84025	18.817	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	69785	20.293	ug/l	79
28) Bromochloromethane	5.01	49	38218	17.422	ug/l #	46
29) Tetrahydrofuran	5.13	42	136415	102.098	ug/l #	74
30) Chloroform	5.21	83	99716	19.617	ug/l	100
31) Cyclohexane	5.58	56	90005	20.375	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	92459	19.348	ug/l	94
36) 1,1-Dichloropropene	5.80	75	75675	19.587	ug/l	93
37) Ethyl Acetate	4.83	43	79955	19.890	ug/l #	90
38) Carbon Tetrachloride	5.79	117	85369	19.521	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	101893	19.368	ug/l #	85
40) Benzene	6.14	78	240115	20.098	ug/l	98
41) Methacrylonitrile	5.04	41	43048	19.796	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	73792	19.347	ug/l	94
43) Isopropyl Acetate	6.45	43	132540	19.719	ug/l #	88
44) Trichloroethene	7.21	130	70994	19.714	ug/l	88
45) 1,2-Dichloropropane	7.51	63	59488	19.894	ug/l	98
46) Dibromomethane	7.66	93	43069	19.225	ug/l	91
47) Bromodichloromethane	7.90	83	82769	19.773	ug/l #	96
48) Methyl methacrylate	7.77	41	64132	20.402	ug/l #	79
49) 1,4-Dioxane	7.74	88	36009	401.791	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	418957	104.340	ug/l	88
52) Toluene	8.79	92	156555	19.935	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	95037	19.628	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	101491	19.552	ug/l	89
55) 1,1,2-Trichloroethane	9.21	97	65061	20.229	ug/l	97
56) Ethyl methacrylate	9.18	69	102479	20.171	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	101052	19.957	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	236912	98.915	ug/l #	86
59) 2-Hexanone	9.49	43	333857	104.283	ug/l	88
60) Dibromochloromethane	9.58	129	75589	19.869	ug/l	100
61) 1,2-Dibromoethane	9.67	107	69919	19.519	ug/l	98
64) Tetrachloroethene	9.34	164	62410	19.760	ug/l	94
65) Chlorobenzene	10.13	112	175592	20.007	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	67740	20.070	ug/l	100
67) Ethyl Benzene	10.25	91	299213	20.026	ug/l	95
68) m/p-Xylenes	10.36	106	232411	40.198	ug/l	91
69) o-Xylene	10.69	106	113746	19.791	ug/l	91
70) Styrene	10.71	104	194583	19.990	ug/l	96
71) Bromoform	10.85	173	62107	20.016	ug/l #	98
73) Isopropylbenzene	11.02	105	299493	20.423	ug/l	95
74) N-amyl acetate	10.90	43	118856	20.503	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	103450	20.608	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	117870	28.052	ug/l	83
77) Bromobenzene	11.26	156	81255	20.149	ug/l	84
78) n-propylbenzene	11.36	91	327247	20.045	ug/l	94
79) 2-Chlorotoluene	11.42	91	196441	20.034	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	249458	20.197	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	38767	20.384	ug/l	85
82) 4-Chlorotoluene	11.51	91	226637	20.347	ug/l	93
83) tert-Butylbenzene	11.77	119	255820	20.463	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	250033	20.041	ug/l	96
85) sec-Butylbenzene	11.94	105	293716	20.166	ug/l	96
86) p-Isopropyltoluene	12.06	119	267155	20.064	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	142161	20.013	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	140517	19.624	ug/l	98
89) n-Butylbenzene	12.38	91	227821	19.877	ug/l	97
90) Hexachloroethane	12.60	117	51842	19.546	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	142136	20.583	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23809	20.156	ug/l	70

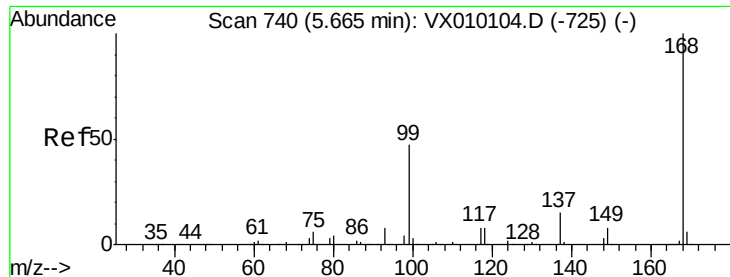
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100829	19.947	ug/l	99
94) Hexachlorobutadiene	13.78	225	43901	19.528	ug/l	99
95) Naphthalene	13.83	128	321845	20.226	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	97204	19.449	ug/l	96

(#) = 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: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

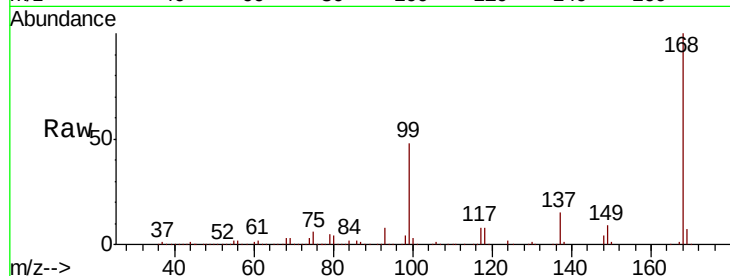
VX0607MBS01

Tot Ion:168 Resp: 310983

Ion Ratio Lower Upper

168 100

99 48.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

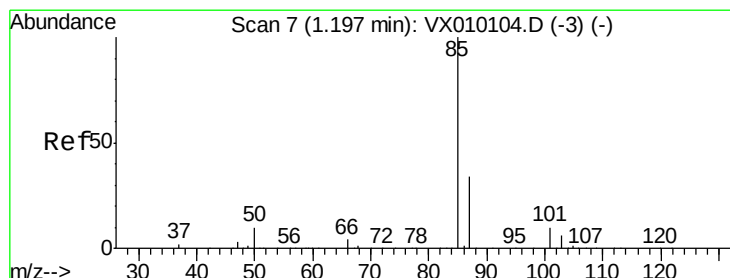
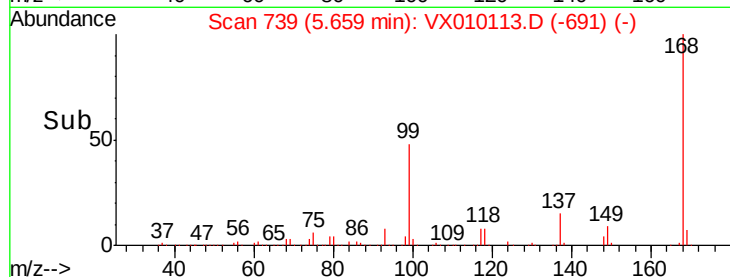
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 22.051 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010113.D

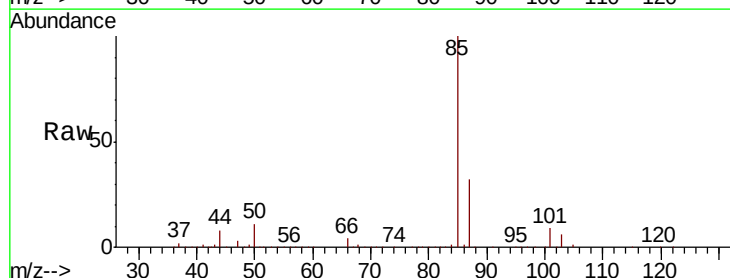
Acq: 07 Jun 2019 17:03

Tgt Ion: 85 Resp: 63099

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

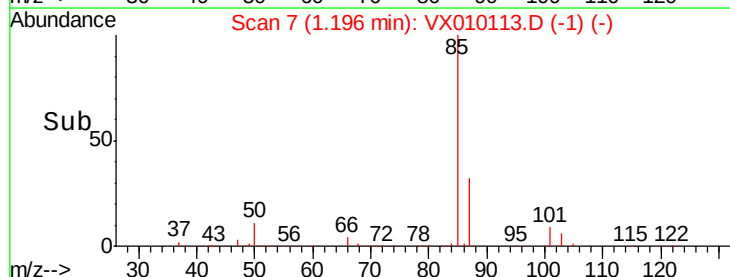
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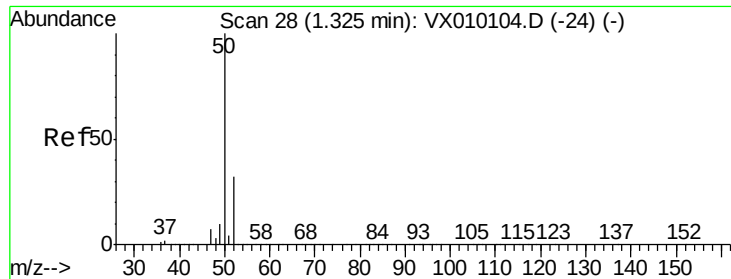
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 20.504 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

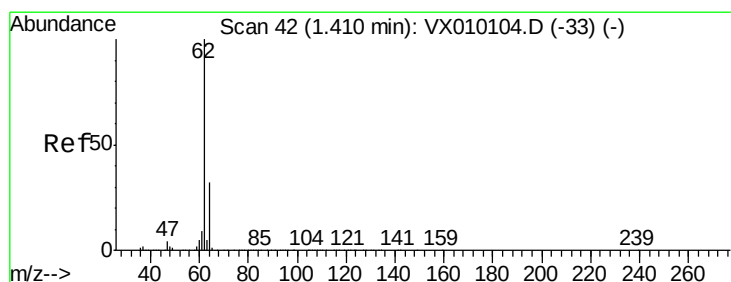
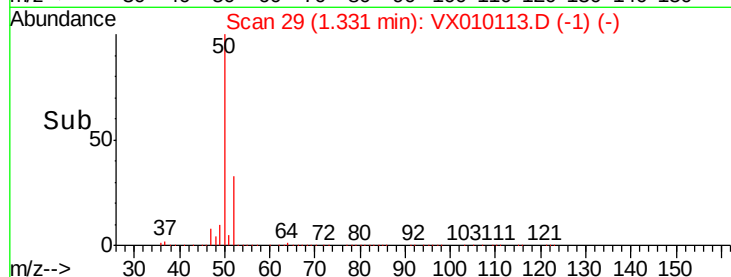
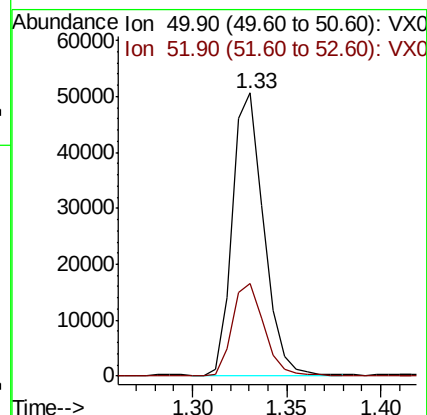
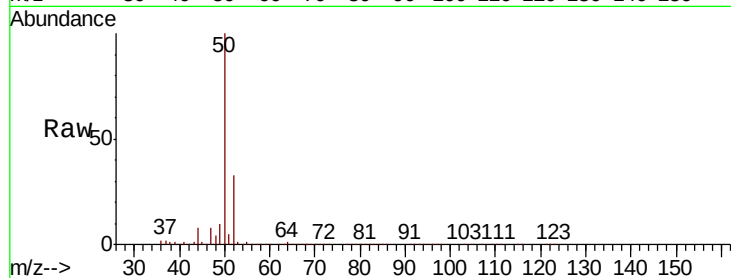
VX0607MBS01

Tot Ion: 50 Resp: 58269

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 20.769 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010113.D

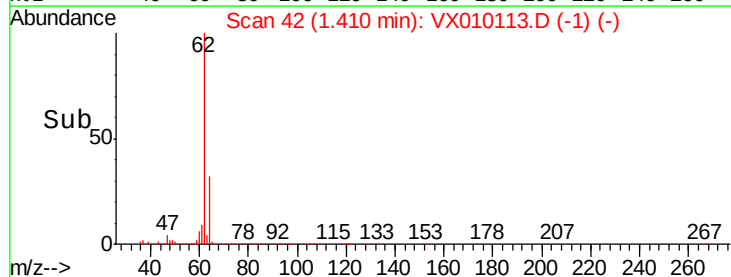
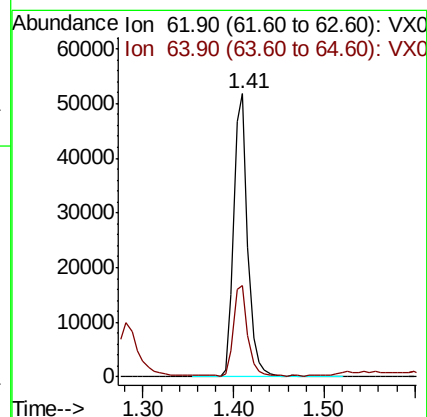
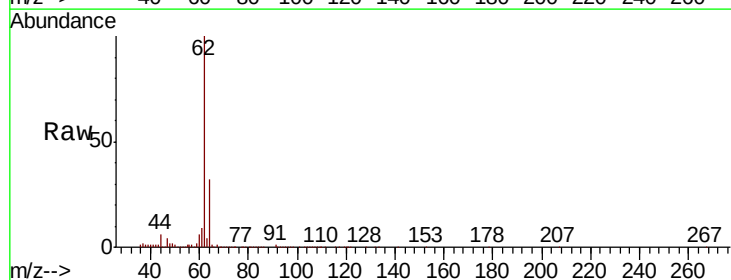
Acq: 07 Jun 2019 17:03

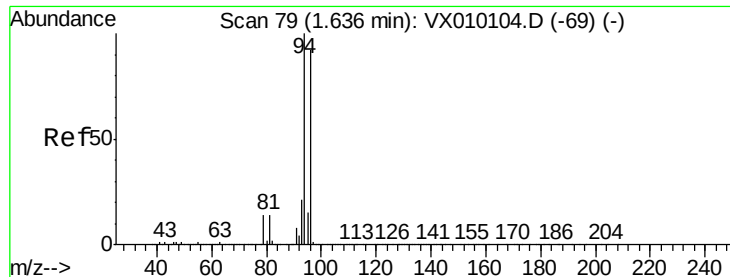
Tgt Ion: 62 Resp: 55471

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 25.126 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

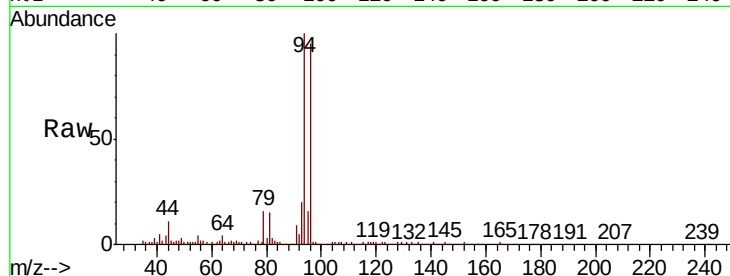
VX0607MBS01

Tot Ion: 94 Resp: 25324

Ion Ratio Lower Upper

94 100

96 94.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

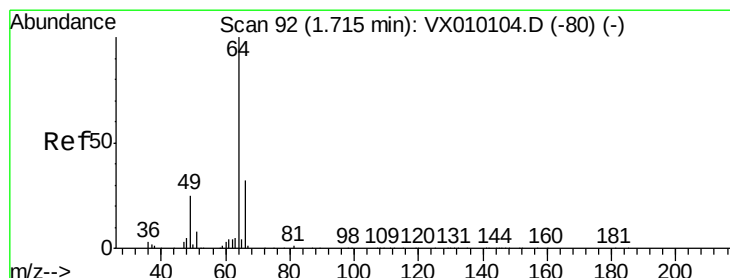
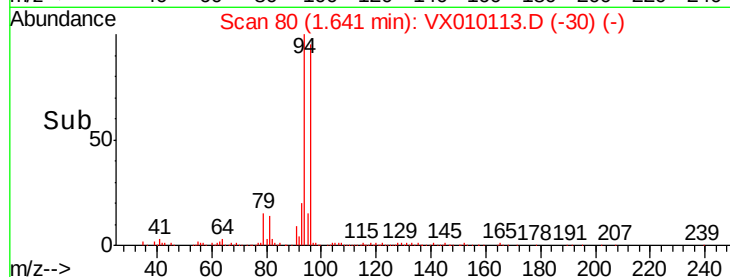
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 22.636 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010113.D

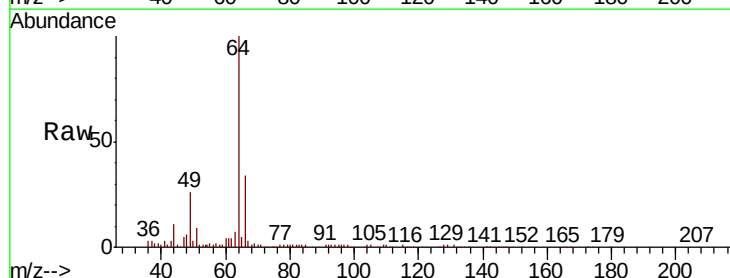
Acq: 07 Jun 2019 17:03

Tgt Ion: 64 Resp: 30482

Ion Ratio Lower Upper

64 100

66 34.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

25000

20000

15000

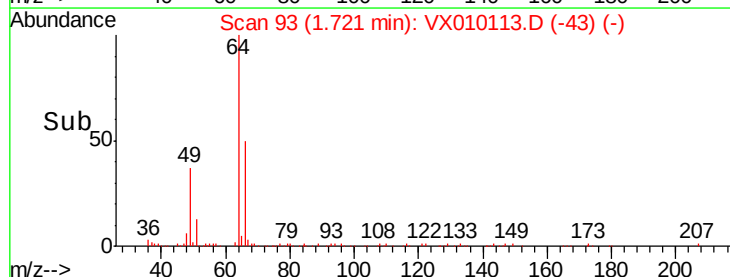
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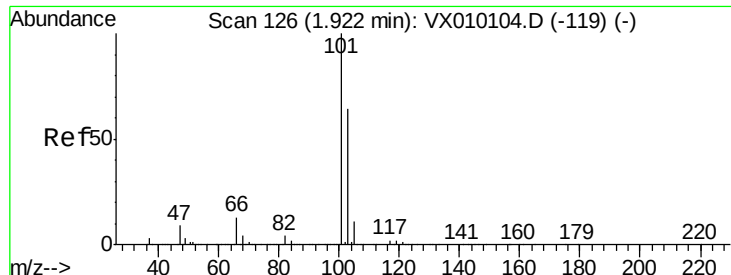
5000

0

Time-->

1.60 1.65 1.70 1.75 1.80



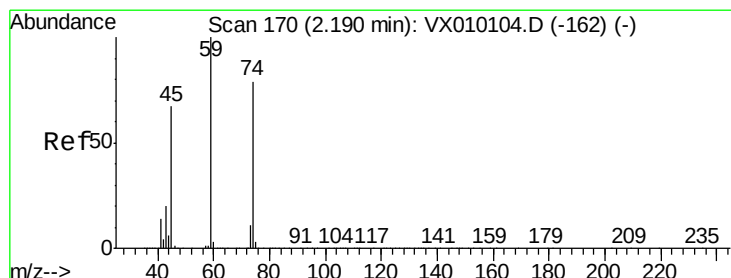
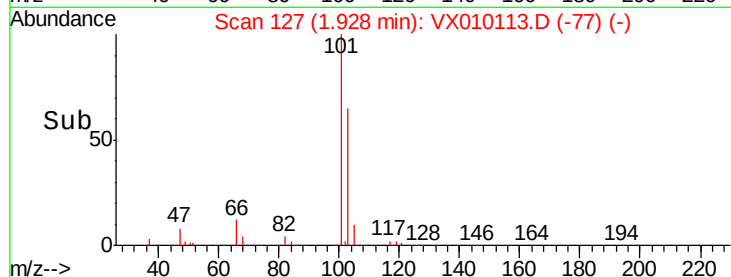
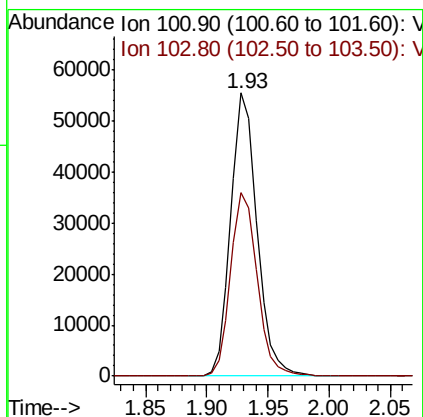
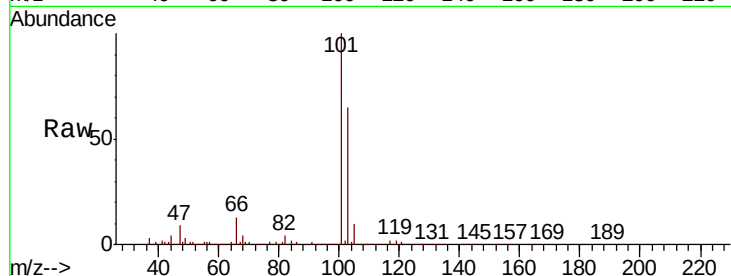


#7

Trichlorofluoromethane
Concen: 20.830 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

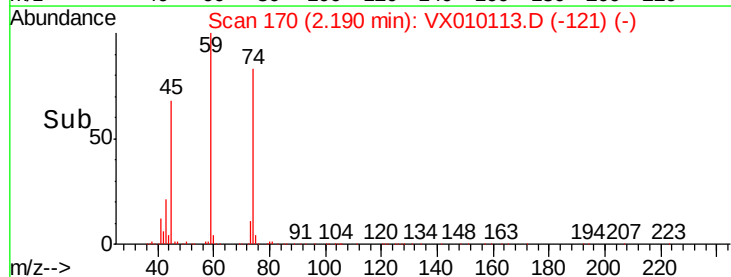
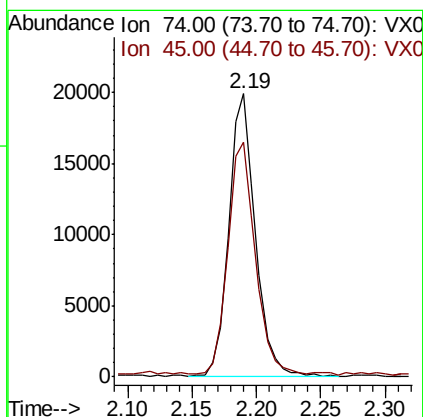
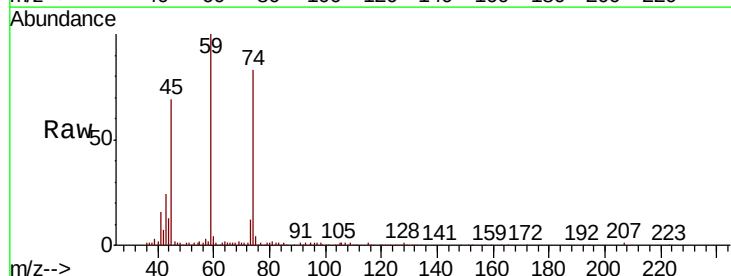
Tot Ion:101 Resp: 82640
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

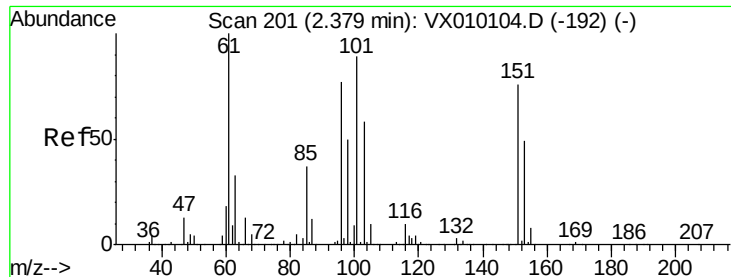


#8

Diethyl Ether
Concen: 20.809 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Tgt Ion: 74 Resp: 28455
Ion Ratio Lower Upper
74 100
45 85.1 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.962 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

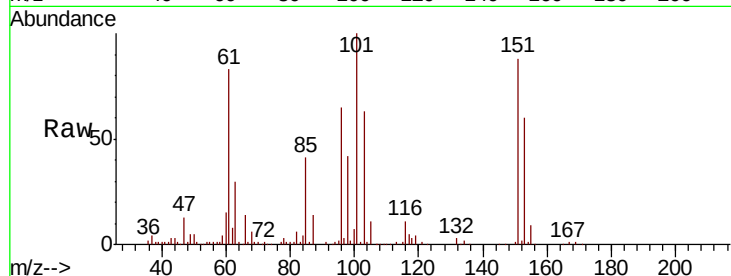
Tot Ion:101 Resp: 54593

Ion Ratio Lower Upper

101 100

85 40.1 35.2 52.8

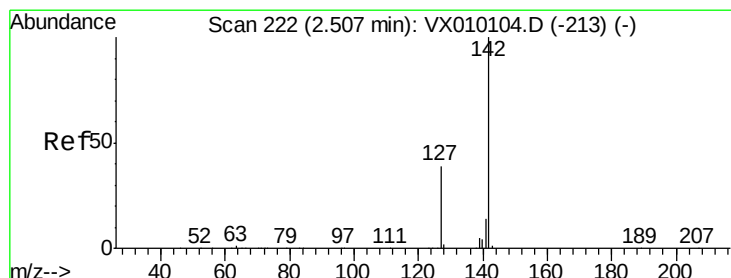
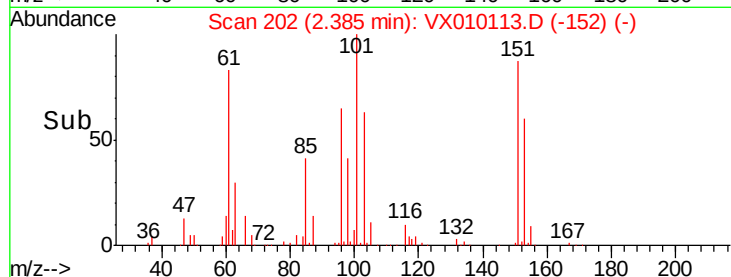
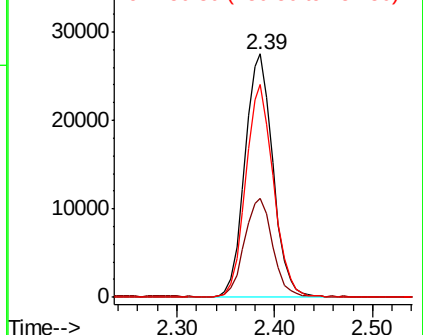
151 86.7 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.392 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

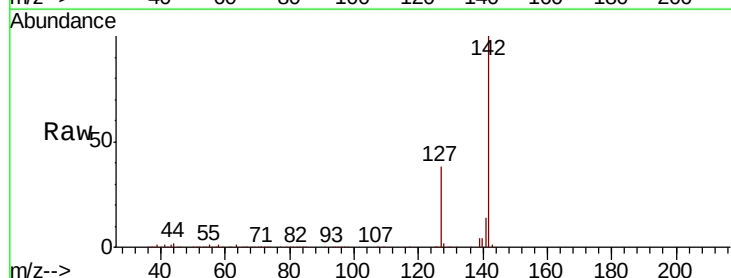
Tgt Ion:142 Resp: 86407

Ion Ratio Lower Upper

142 100

127 37.9 33.0 49.4

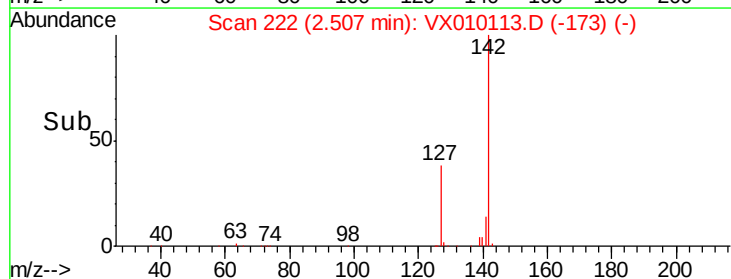
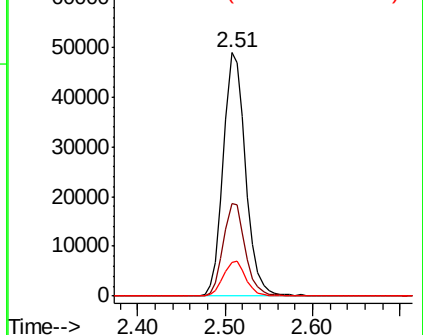
141 14.4 11.4 17.0

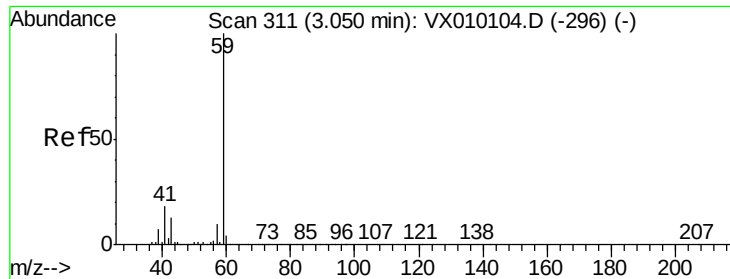


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



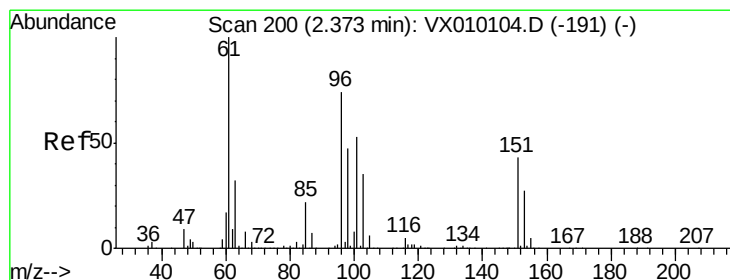
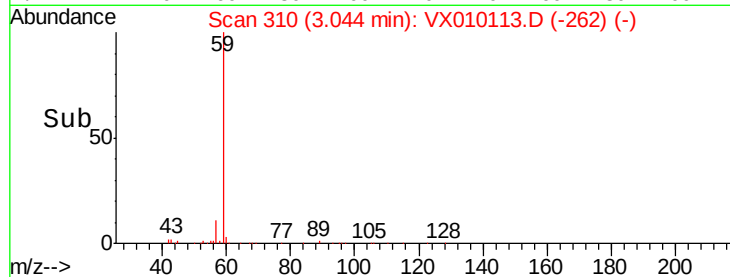
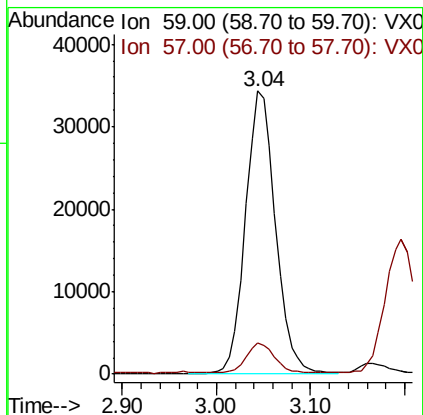
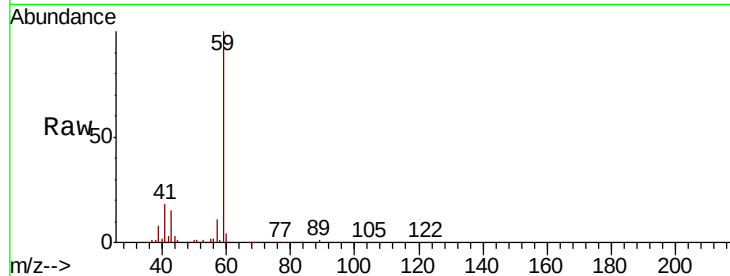


#11

Tert butyl alcohol
Concen: 103.743 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

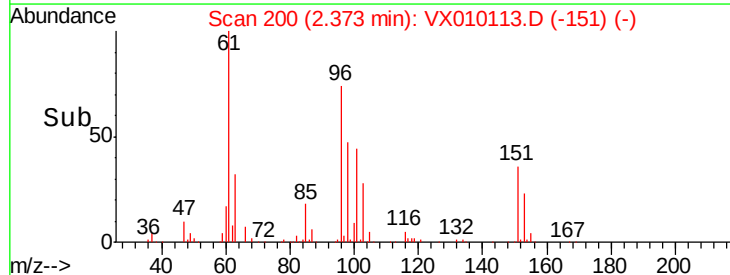
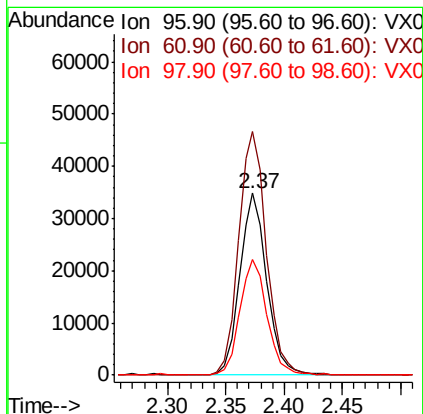
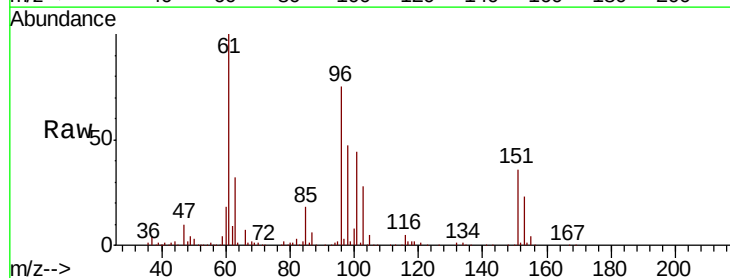
Tot Ion: 59 Resp: 77146
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.2

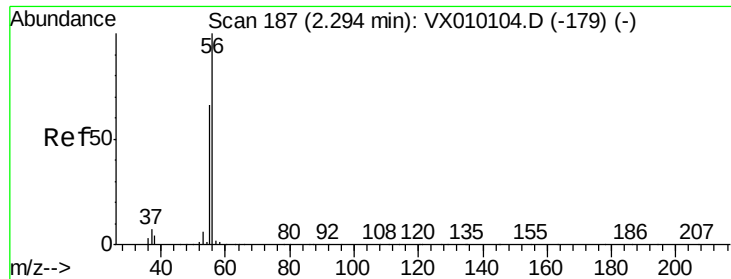


#12

1,1-Dichloroethene
Concen: 19.961 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Tgt Ion: 96 Resp: 55756
Ion Ratio Lower Upper
96 100
61 134.0 140.7 211.1#
98 63.4 50.1 75.1





#13

Acrolein

Concen: 107.683 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

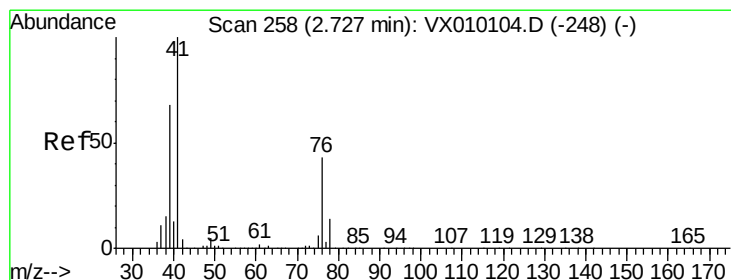
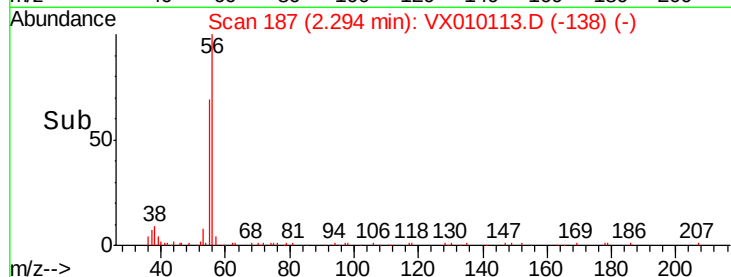
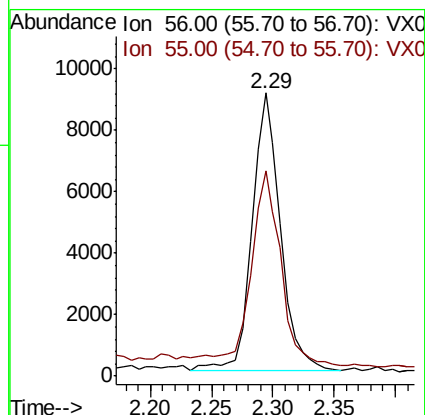
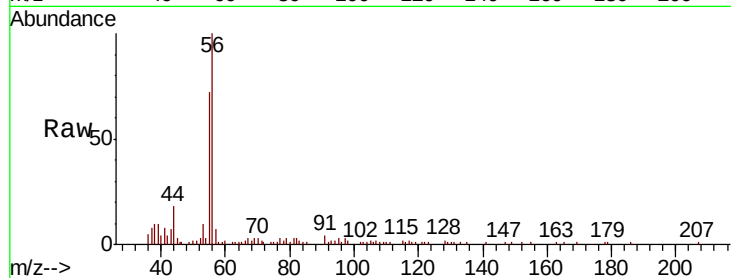
VX0607MBS01

Tot Ion: 56 Resp: 14601

Ion Ratio Lower Upper

56 100

55 72.1 57.0 85.4



#14

Allyl chloride

Concen: 19.524 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

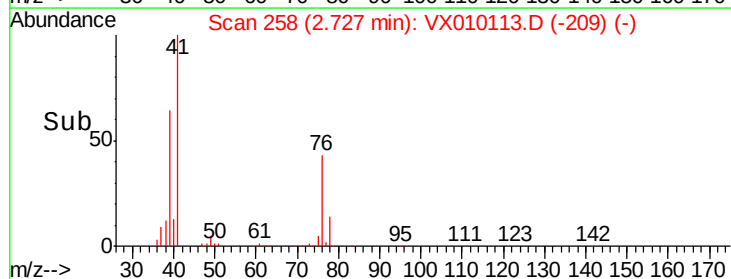
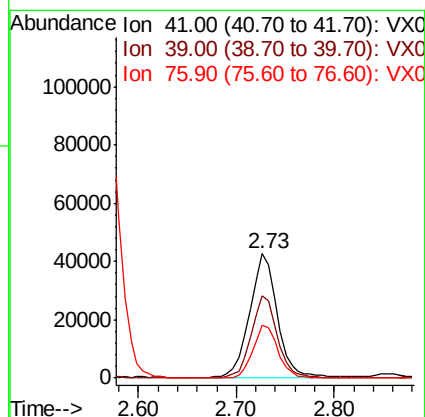
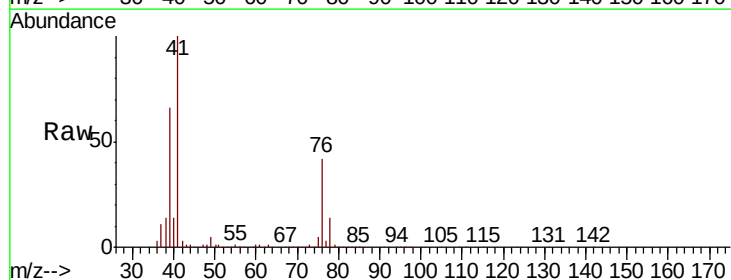
Tgt Ion: 41 Resp: 82323

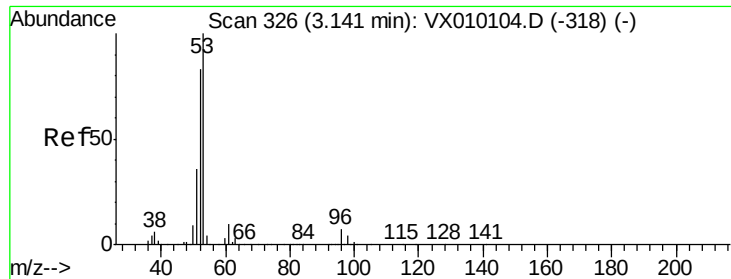
Ion Ratio Lower Upper

41 100

39 62.2 46.7 70.1

76 39.5 21.0 31.4#





#15

Acrylonitrile

Concen: 101.136 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

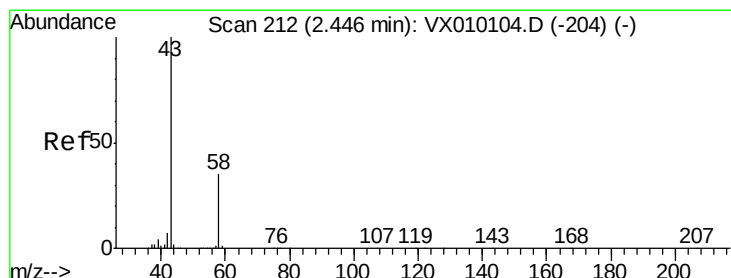
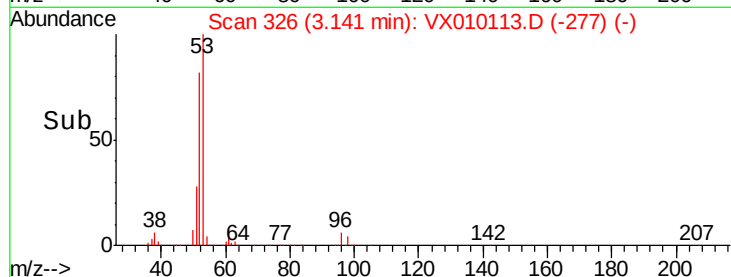
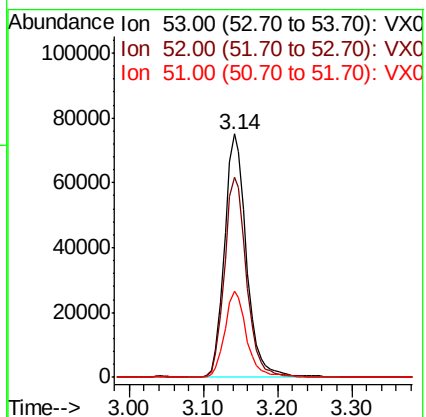
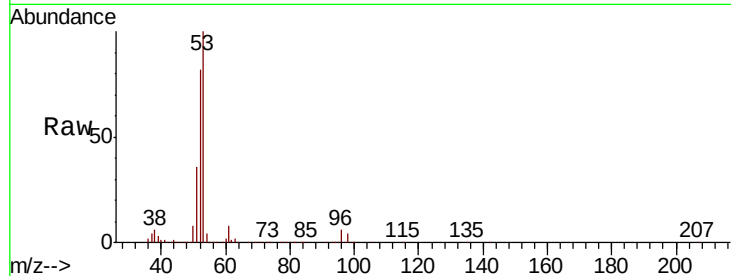
Tot Ion: 53 Resp: 153722

Ion Ratio Lower Upper

53 100

52 83.3 66.7 100.1

51 35.4 28.8 43.2



#16

Acetone

Concen: 94.718 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010113.D

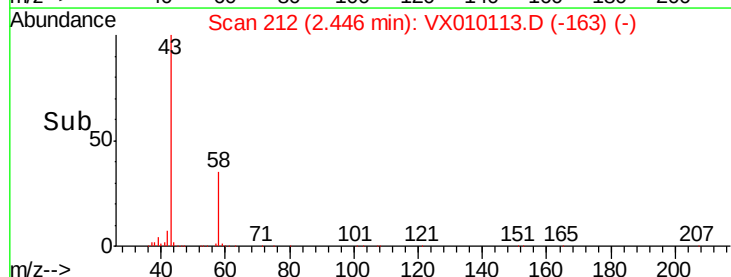
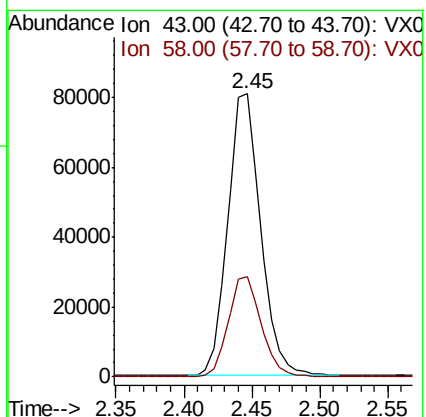
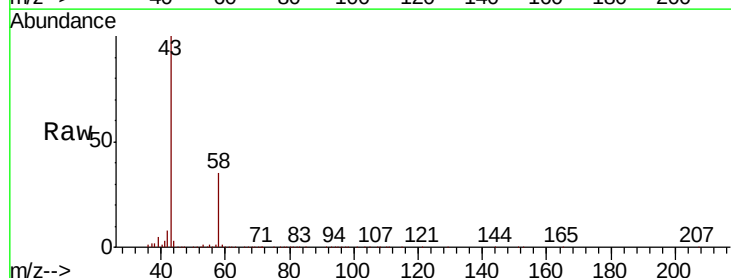
Acq: 07 Jun 2019 17:03

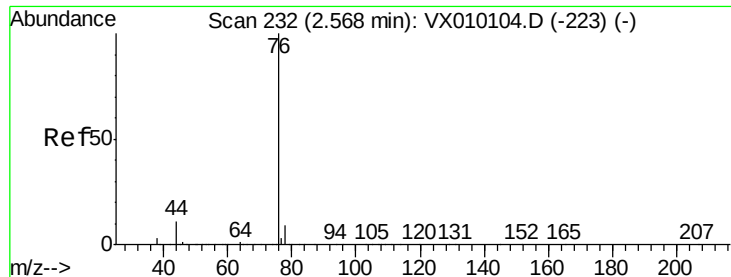
Tgt Ion: 43 Resp: 135233

Ion Ratio Lower Upper

43 100

58 35.4 23.2 34.8#





#17

Carbon Disulfide

Concen: 19.251 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampled :

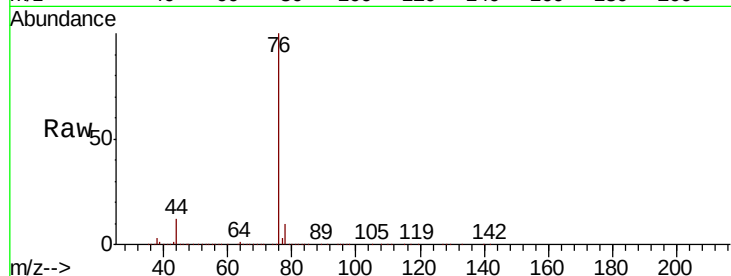
VX0607MBS01

Tot Ion: 76 Resp: 155380

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

60000

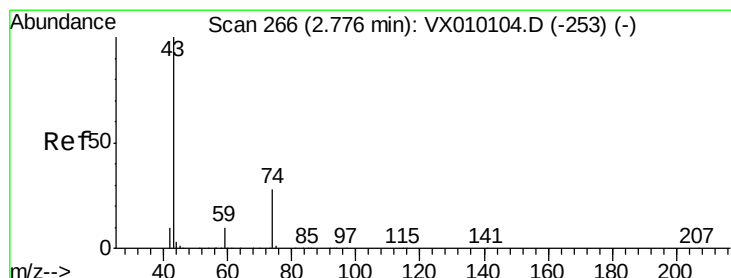
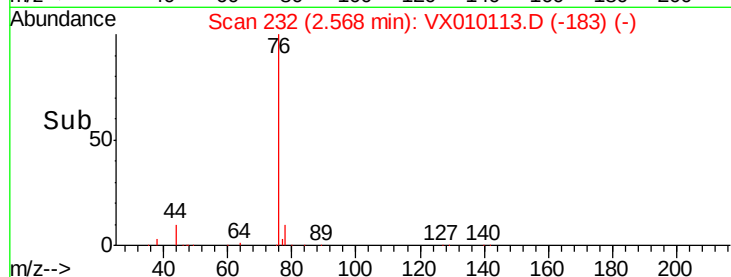
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 19.635 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010113.D

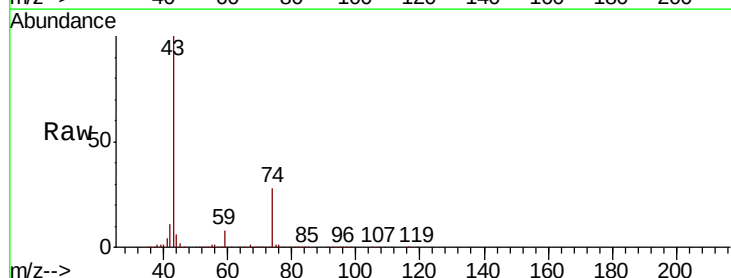
Acq: 07 Jun 2019 17:03

Tgt Ion: 43 Resp: 61652

Ion Ratio Lower Upper

43 100

74 28.3 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

40000

30000

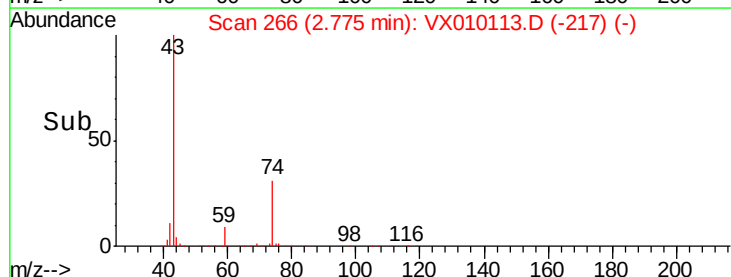
20000

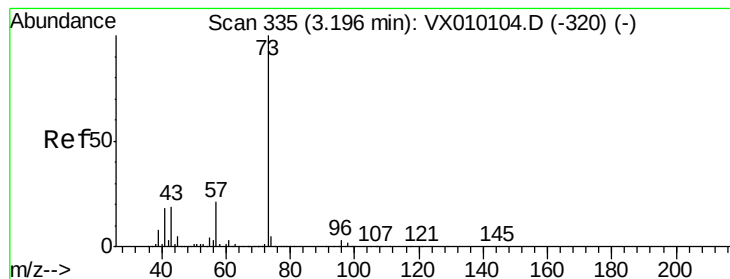
10000

0

Time-->

2.70 2.80





#19

Methyl tert-butyl Ether

Concen: 19.724 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

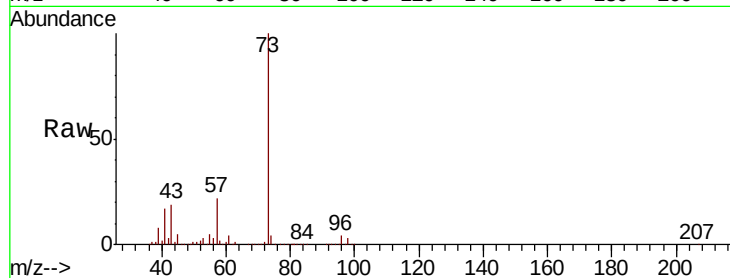
VX0607MBS01

Tot Ion: 73 Resp: 176999

Ion Ratio Lower Upper

73 100

57 21.3 19.4 29.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

80000

60000

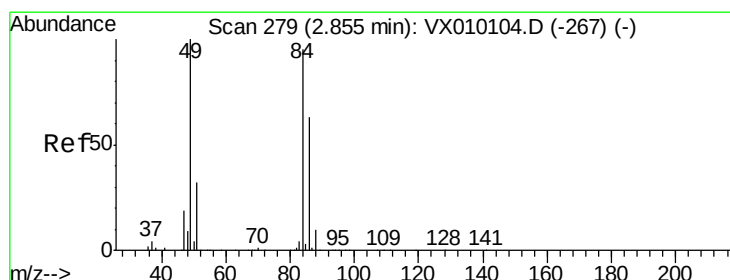
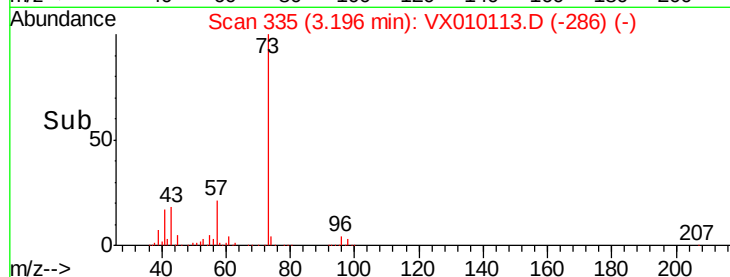
40000

20000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 19.736 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Tgt Ion: 84 Resp: 61883

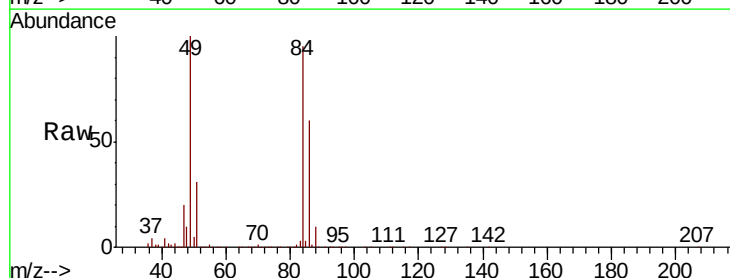
Ion Ratio Lower Upper

84 100

49 105.0 115.8 173.6#

51 32.0 34.4 51.6#

86 63.5 49.7 74.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

50000

40000

30000

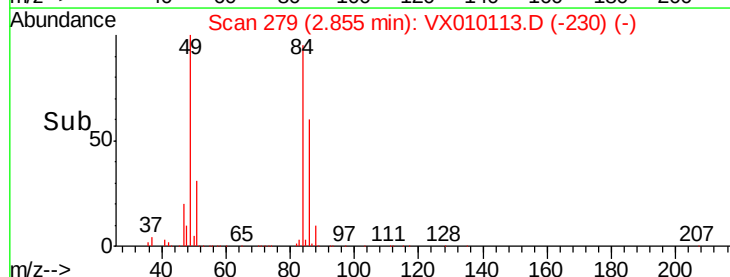
20000

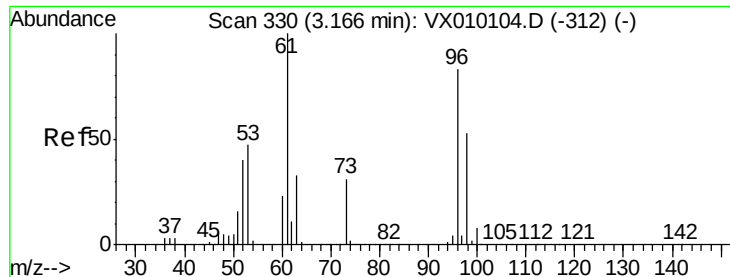
10000

0

Time-->

2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 19.202 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

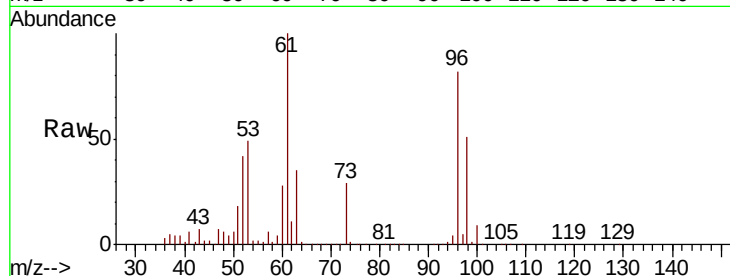
Tot Ion: 96 Resp: 59359

Ion Ratio Lower Upper

96 100

61 121.7 125.7 188.5#

98 62.4 49.0 73.6

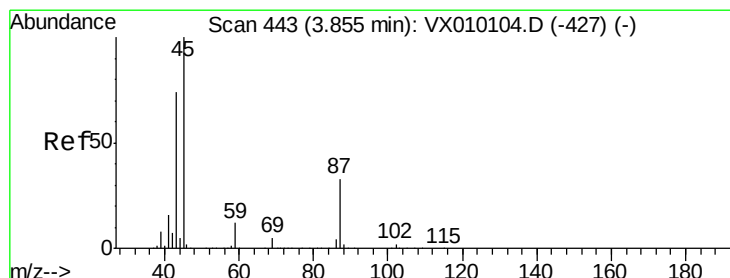
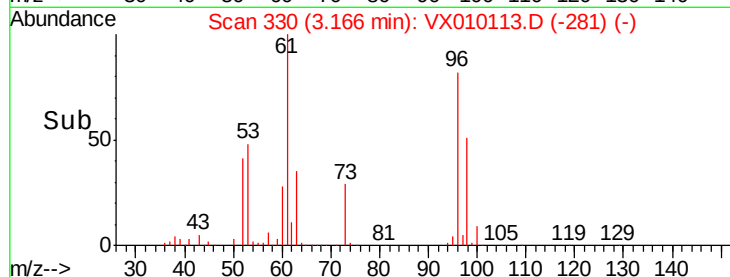
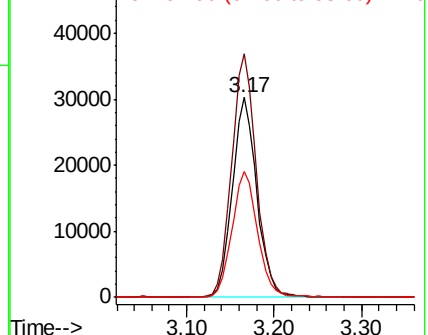


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.081 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Tgt Ion: 45 Resp: 161882

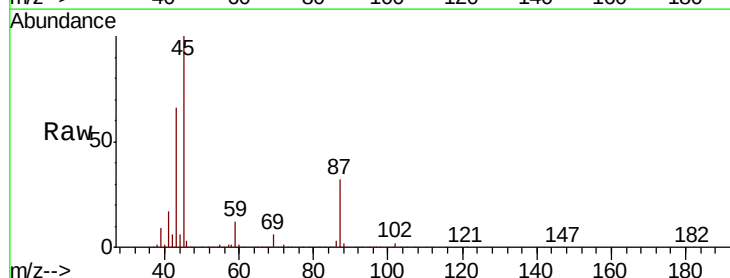
Ion Ratio Lower Upper

45 100

43 64.4 65.0 97.4#

87 32.2 17.3 25.9#

59 12.0 8.1 12.1



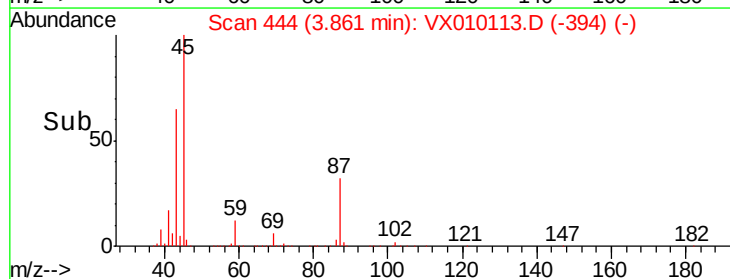
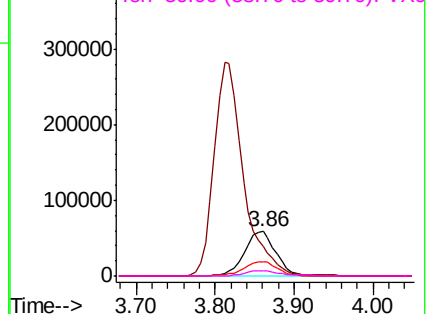
Abundance

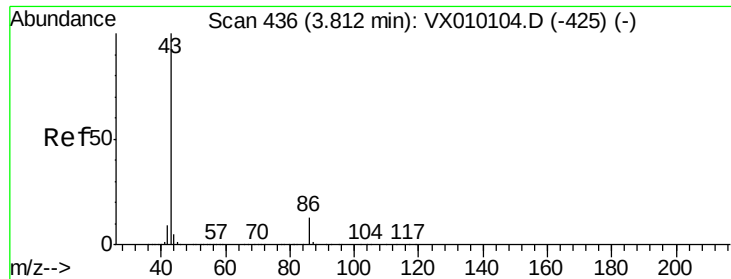
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.080 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

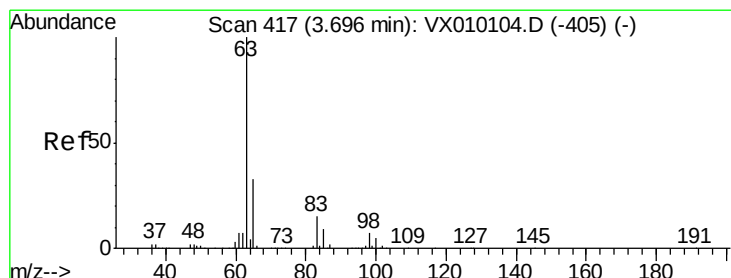
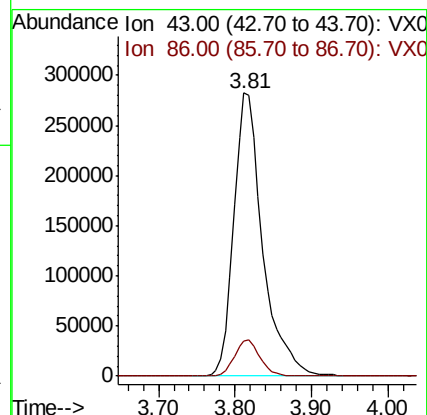
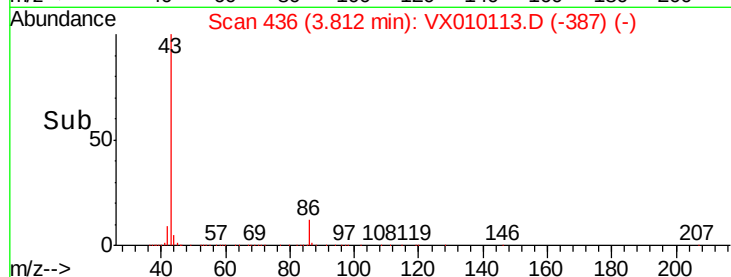
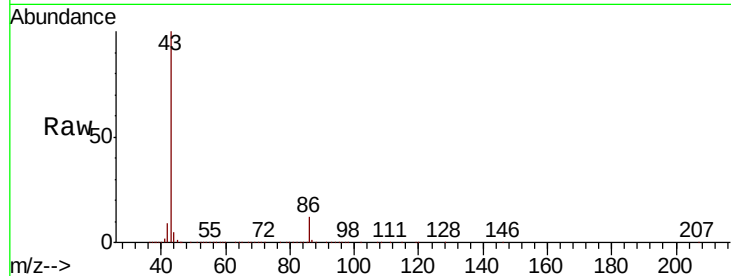
VX0607MBS01

Tot Ion: 43 Resp: 734131

Ion Ratio Lower Upper

43 100

86 12.3 6.5 9.7#



#24

1,1-Dichloroethane

Concen: 19.689 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

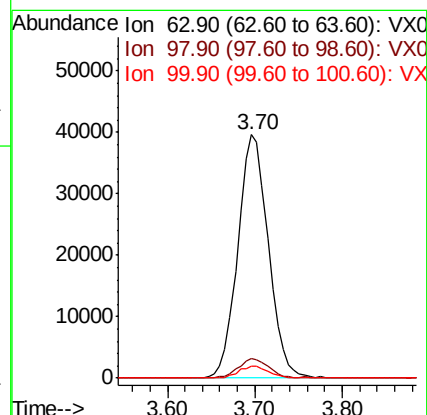
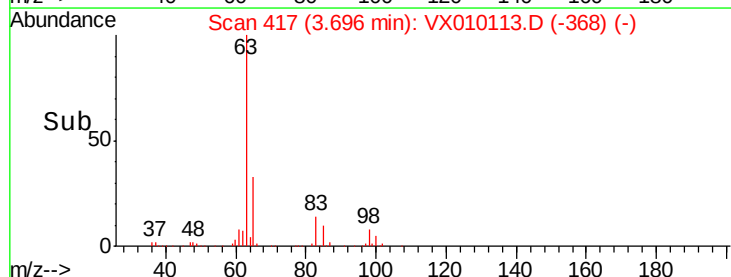
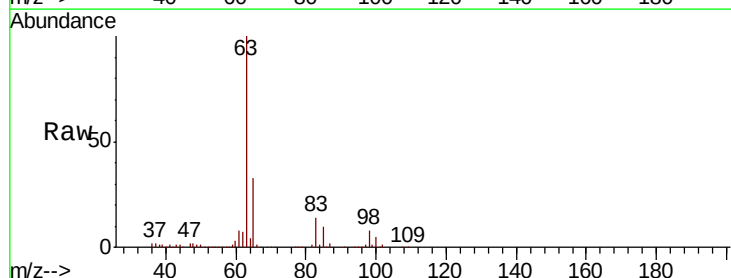
Tgt Ion: 63 Resp: 96369

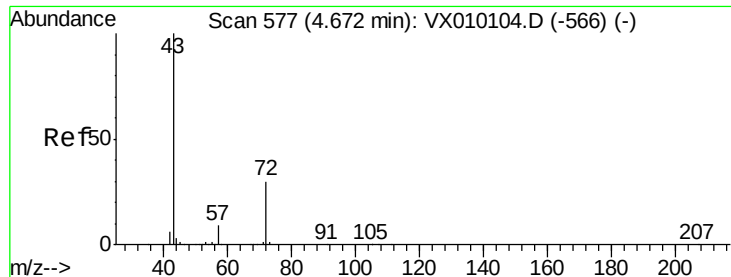
Ion Ratio Lower Upper

63 100

98 8.1 2.9 8.8

100 4.9 1.8 5.4





#25

2-Butanone

Concen: 102.143 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

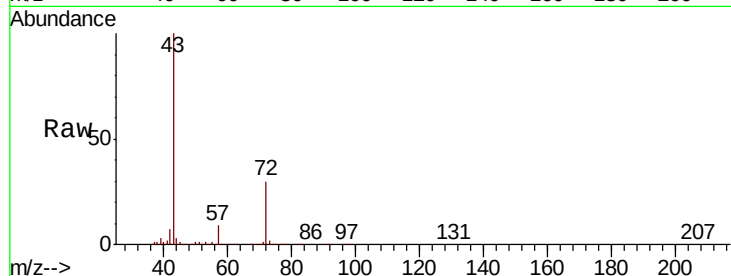
VX0607MBS01

Tot Ion: 43 Resp: 217160

Ion Ratio Lower Upper

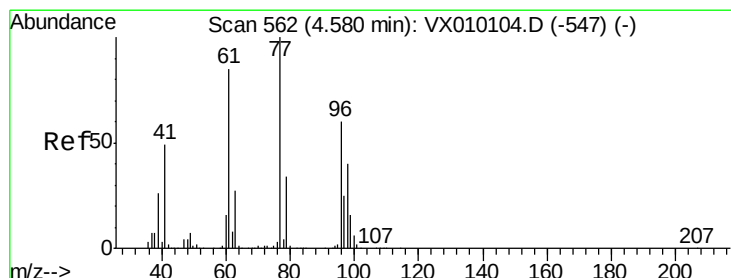
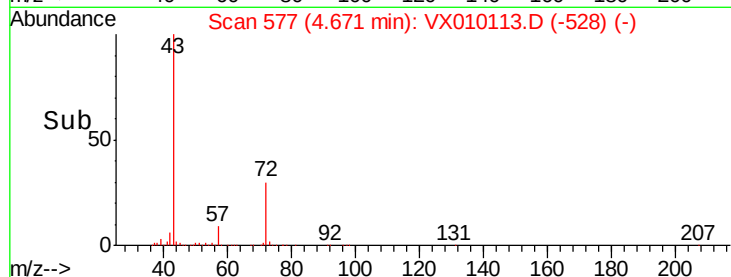
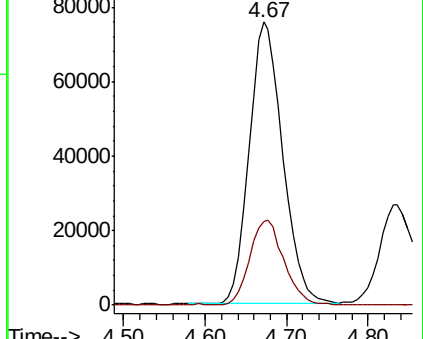
43 100

72 29.5 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.817 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010113.D

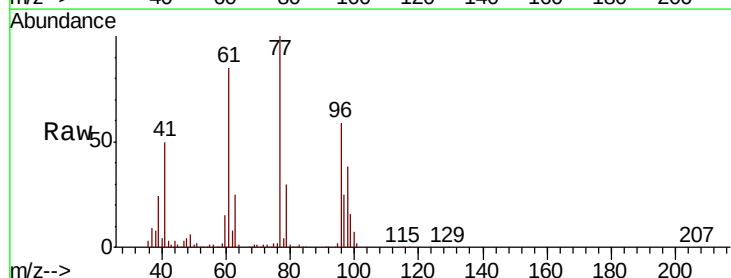
Acq: 07 Jun 2019 17:03

Tgt Ion: 77 Resp: 84025

Ion Ratio Lower Upper

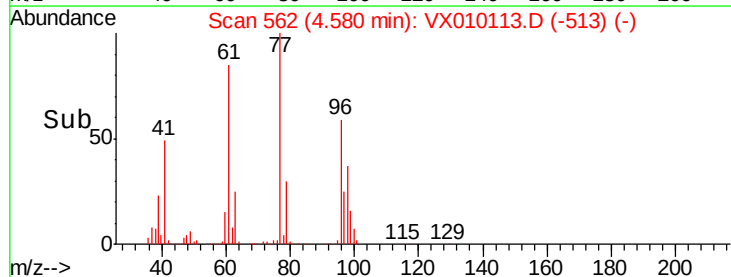
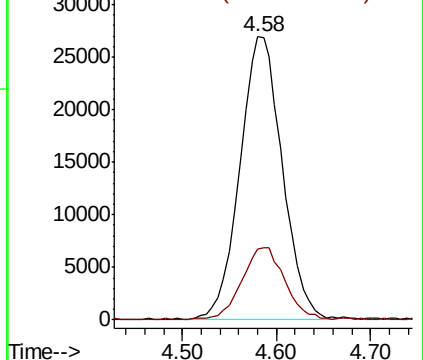
77 100

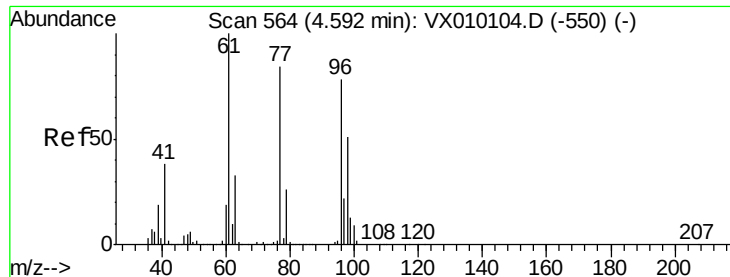
97 26.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



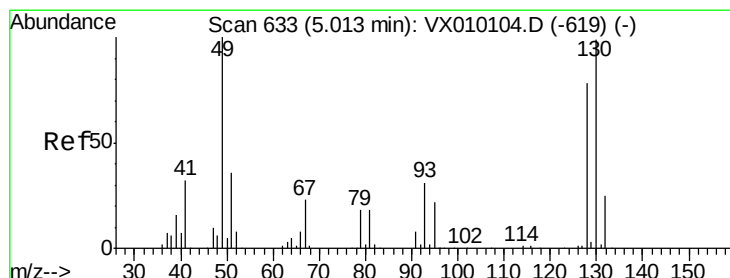
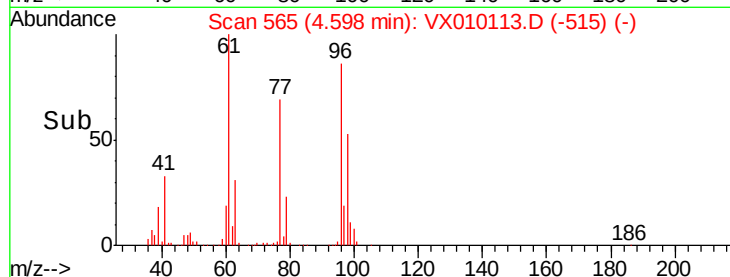
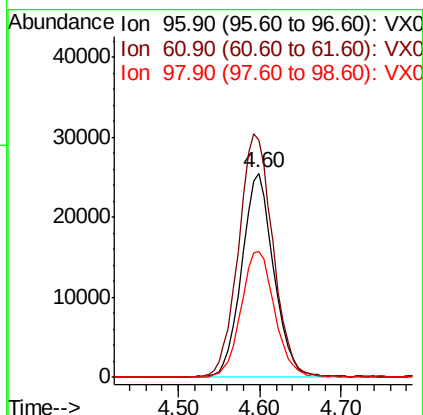
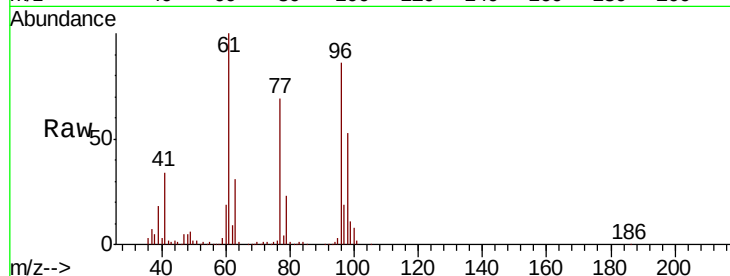


#27

cis-1,2-Dichloroethene
 Concen: 20.293 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

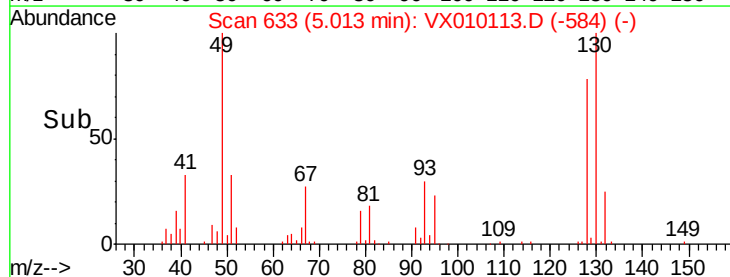
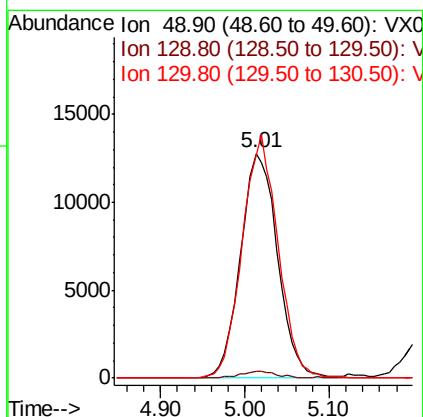
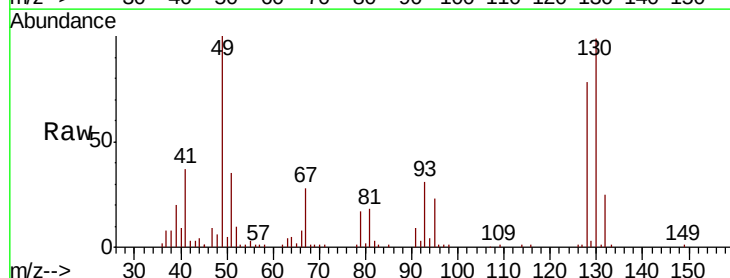
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.3	0.0	334.0
98	64.2	0.0	131.6

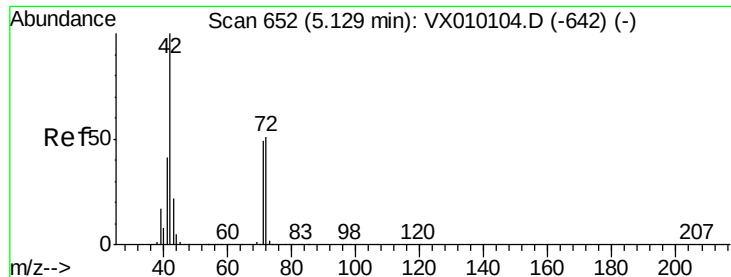


#28

Bromochloromethane
 Concen: 17.422 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	3.4
130	104.2	49.4	74.2#





#29

Tetrahydrofuran

Concen: 102.098 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

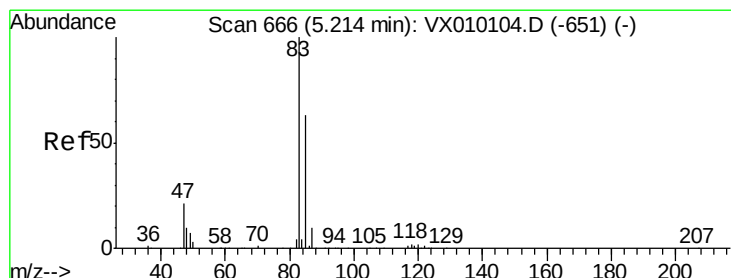
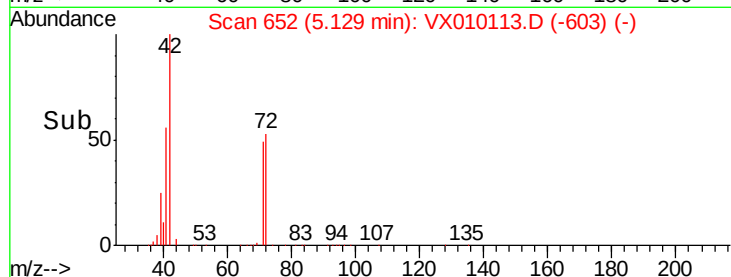
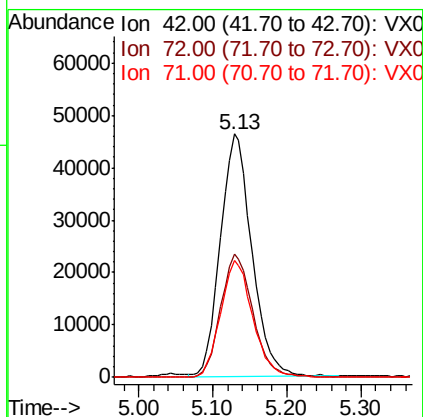
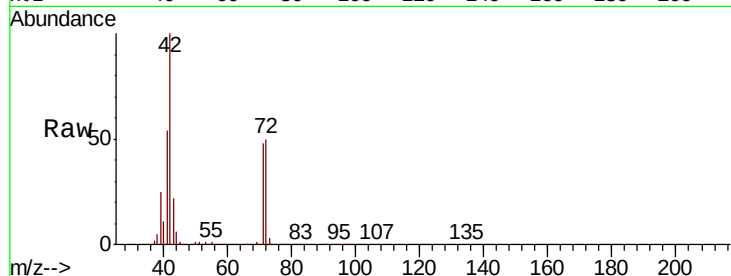
Tot Ion: 42 Resp: 136415

Ion Ratio Lower Upper

42 100

72 52.3 29.2 43.8#

71 48.6 27.6 41.4#



#30

Chloroform

Concen: 19.617 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010113.D

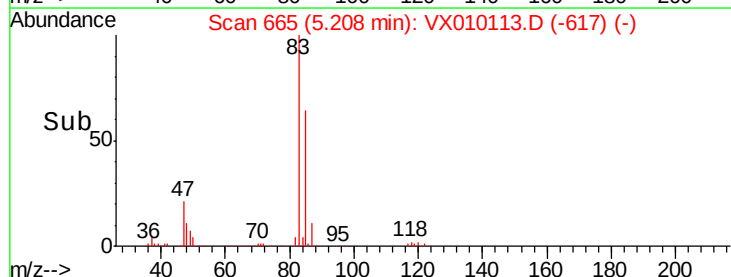
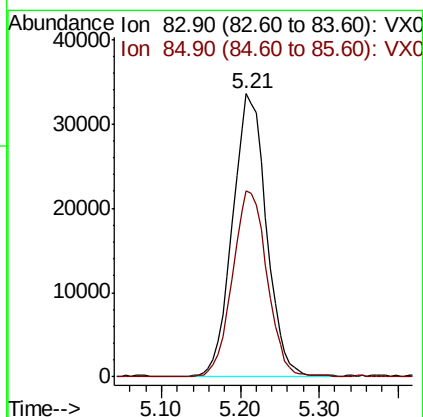
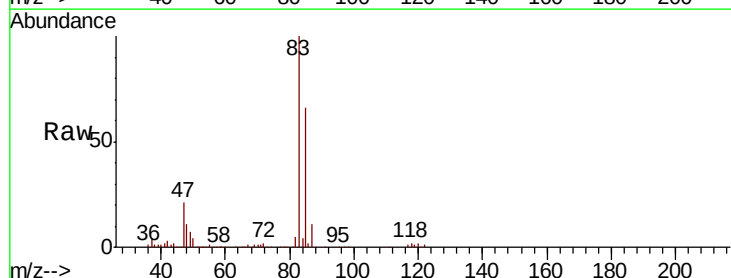
Acq: 07 Jun 2019 17:03

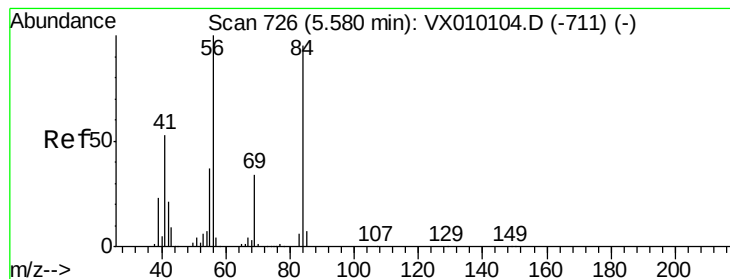
Tgt Ion: 83 Resp: 99716

Ion Ratio Lower Upper

83 100

85 65.8 52.6 78.8





#31

Cyclohexane

Concen: 20.375 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

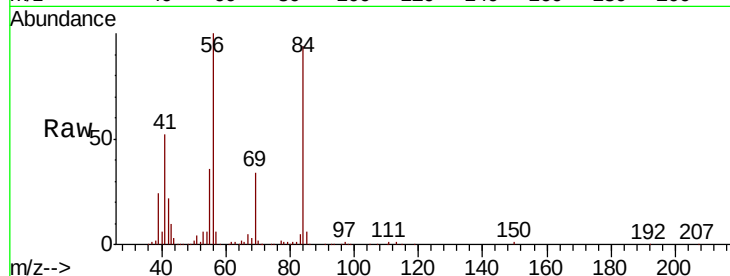
Tot Ion: 56 Resp: 90005

Ion Ratio Lower Upper

56 100

69 33.6 21.6 32.4#

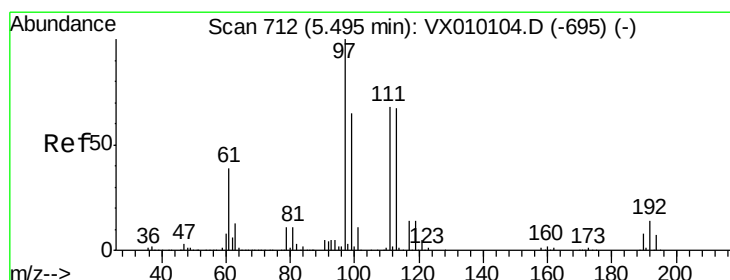
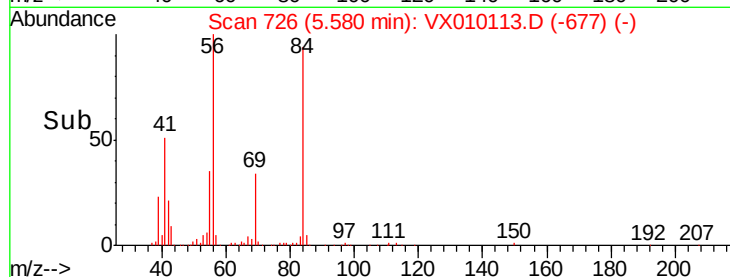
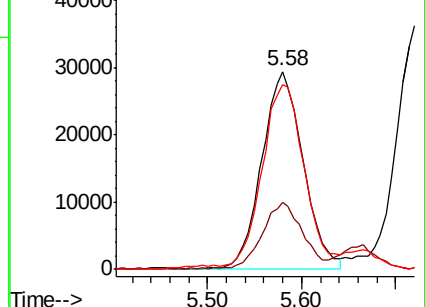
84 92.2 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.348 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

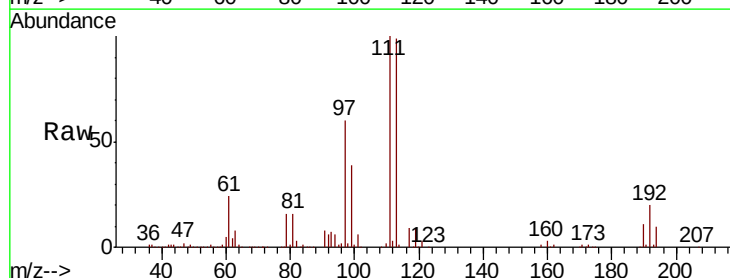
Tgt Ion: 97 Resp: 92459

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

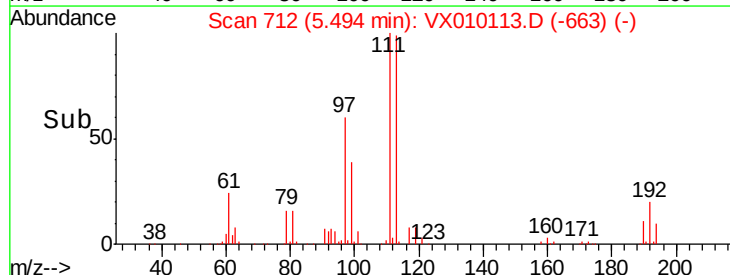
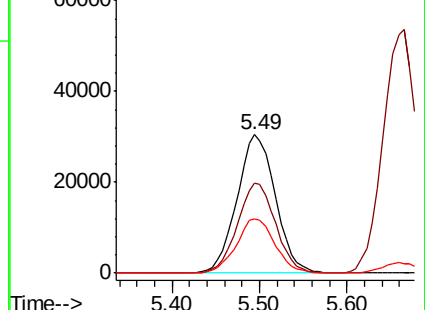
61 39.6 38.7 58.1

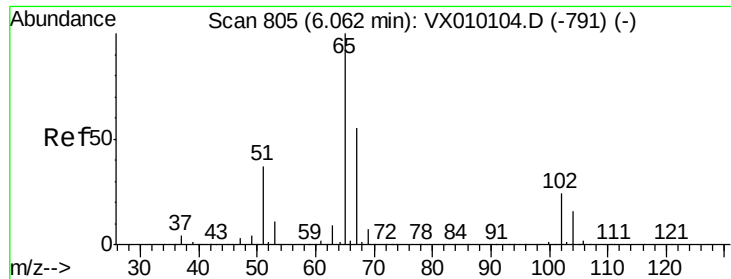


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

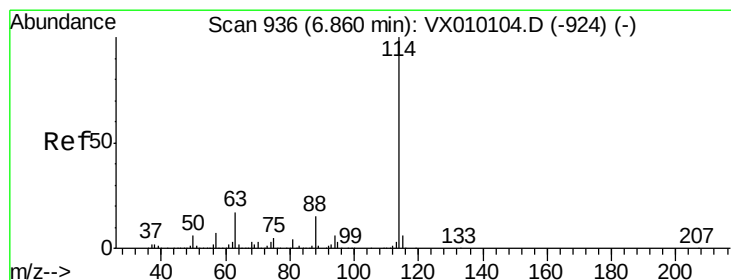
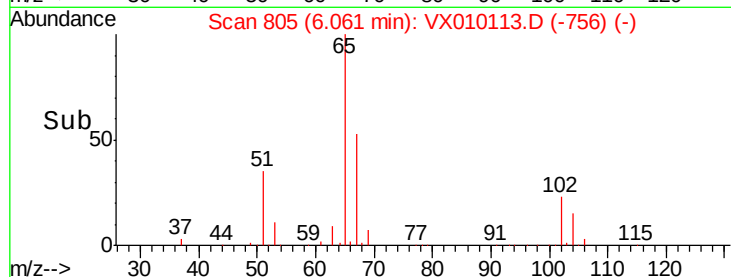
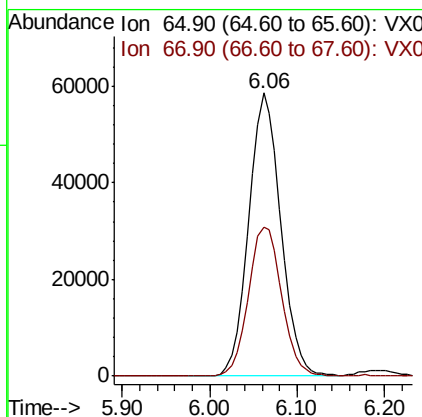
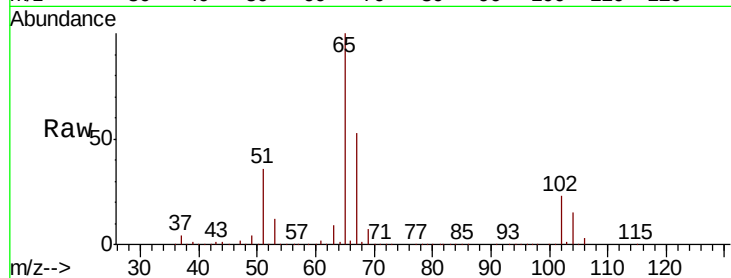




#33
 1,2-Dichloroethane-d4
 Concen: 49.065 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

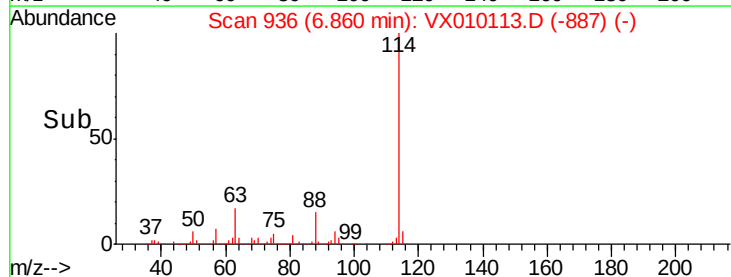
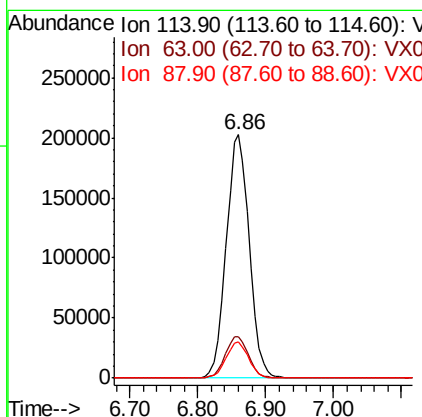
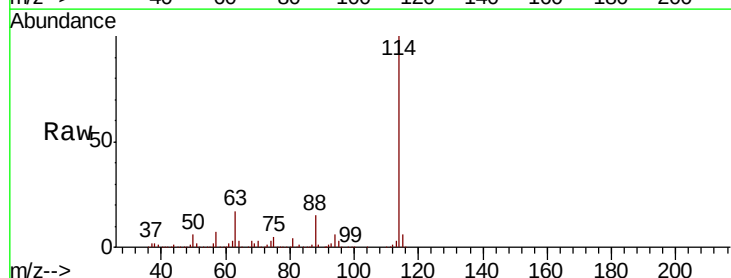
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

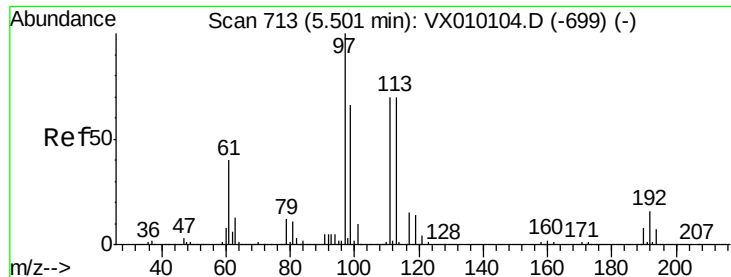
Tot Ion: 65 Resp: 148940
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

Tgt Ion: 114 Resp: 473567
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 47.4
 88 15.1 0.0 33.0

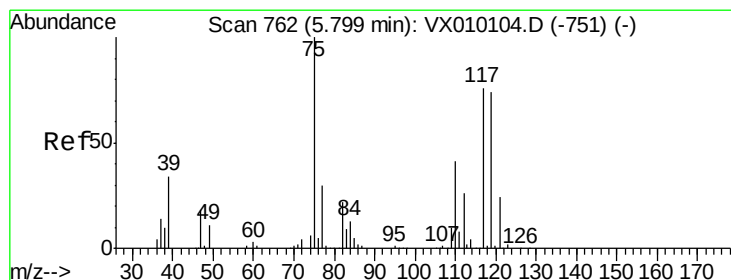
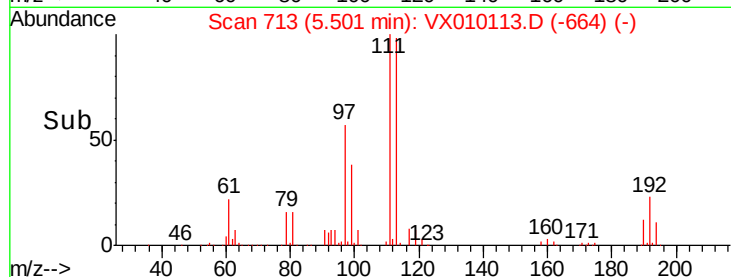
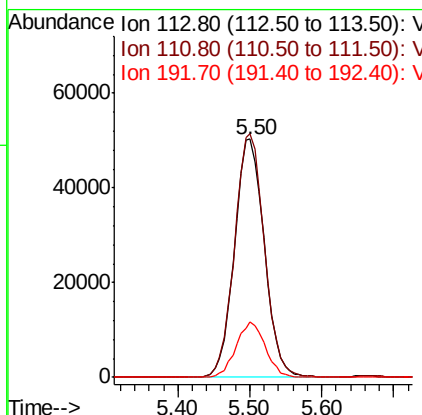
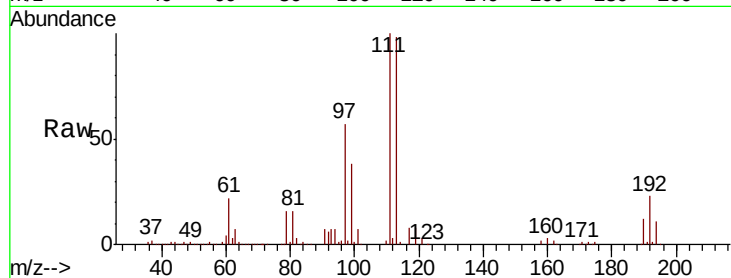




#35
 Dibromofluoromethane
 Concen: 49.594 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

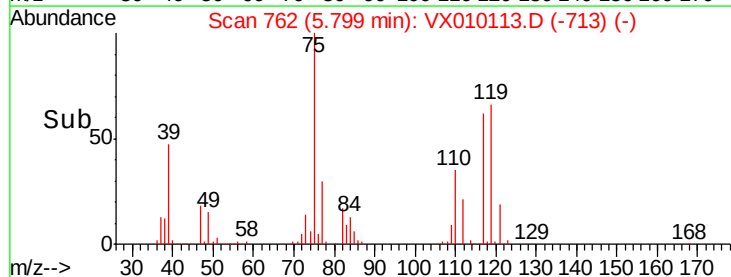
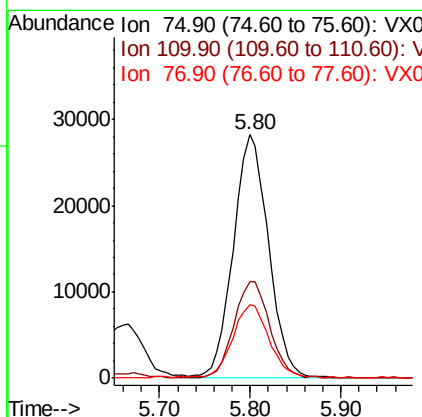
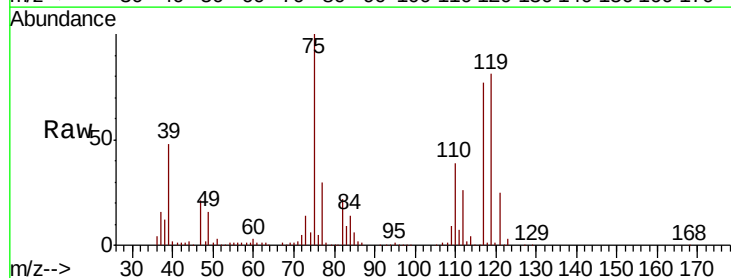
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

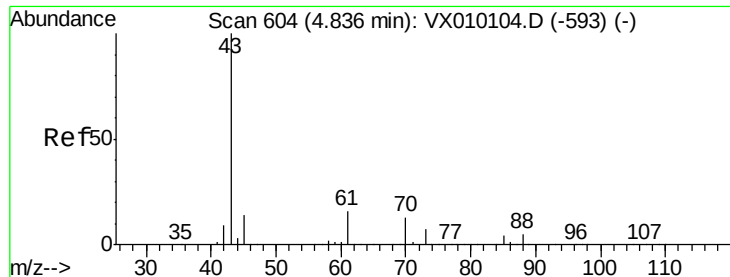
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	22.6	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 19.587 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.8	16.7	50.1
77	31.0	25.0	37.4

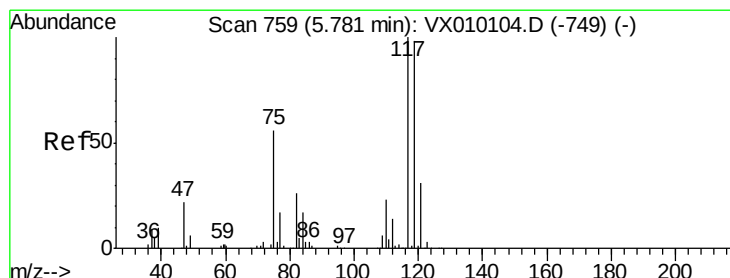
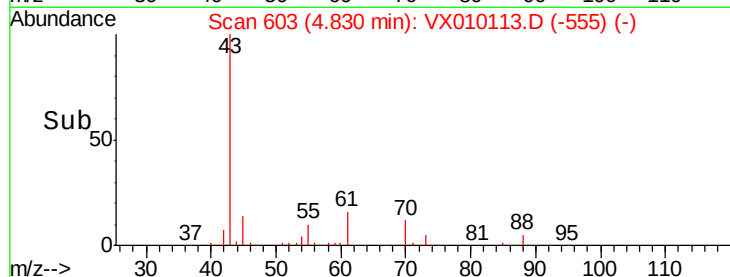
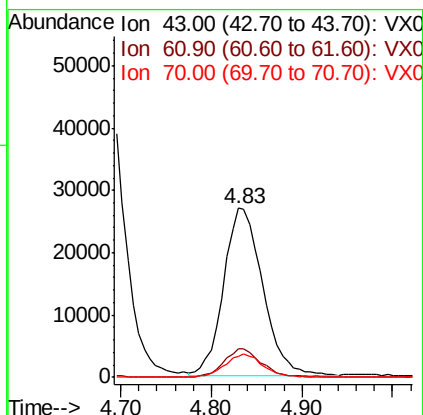
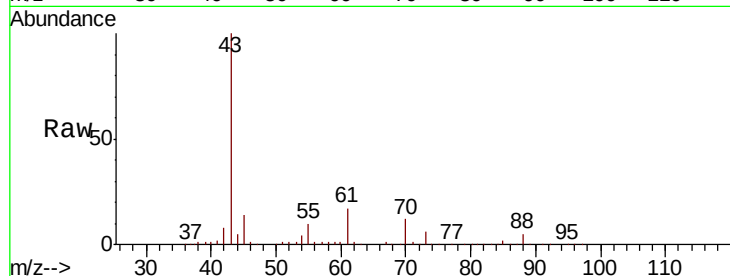




#37
Ethyl Acetate
Concen: 19.890 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

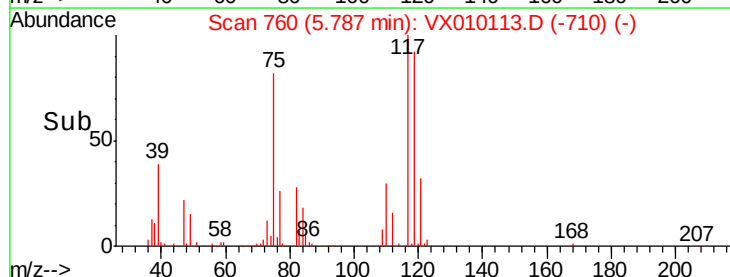
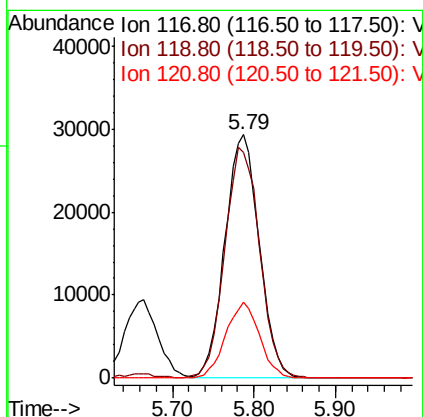
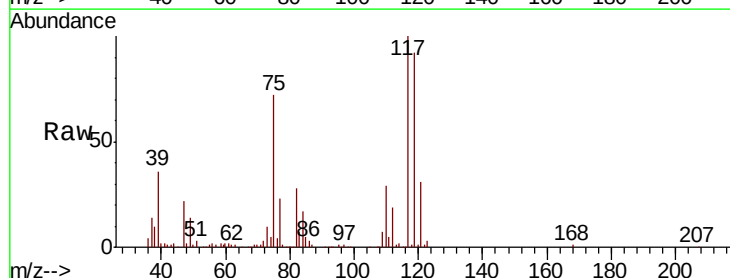
Instrument :
MSVOA_X
ClientSampled :
VX0607MBS01

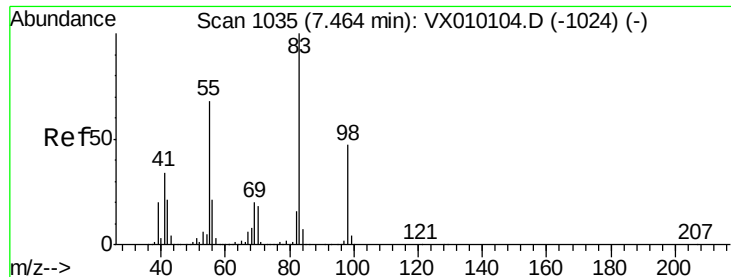
Tot Ion: 43 Resp: 79955
Ion Ratio Lower Upper
43 100
61 16.7 10.2 15.2#
70 12.7 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 19.521 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Tgt Ion: 117 Resp: 85369
Ion Ratio Lower Upper
117 100
119 92.5 77.3 115.9
121 31.4 25.4 38.0

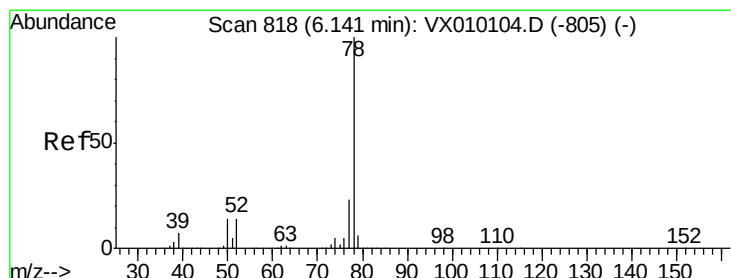
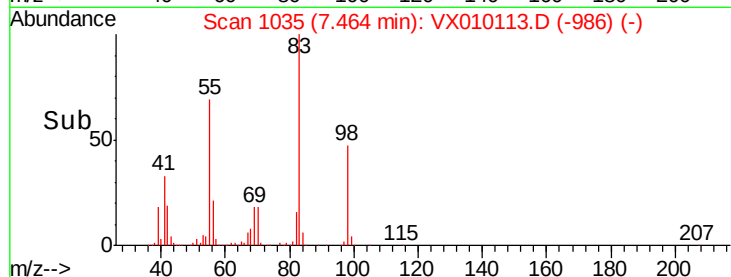
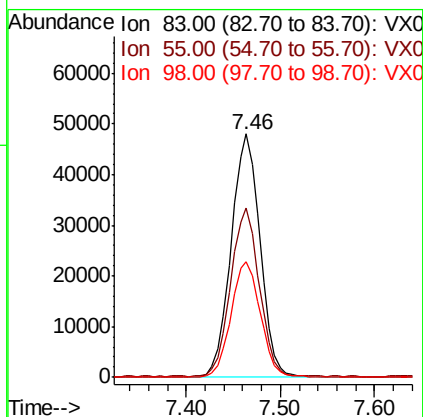
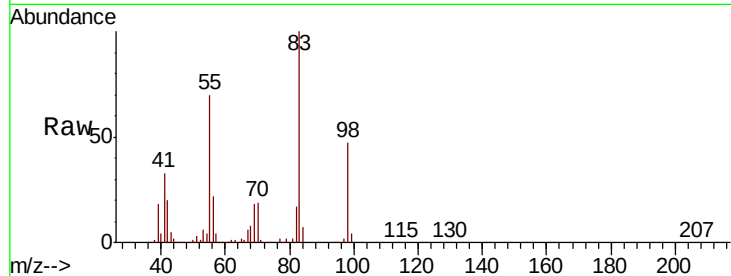




#39
Methylvlcyclohexane
Concen: 19.368 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

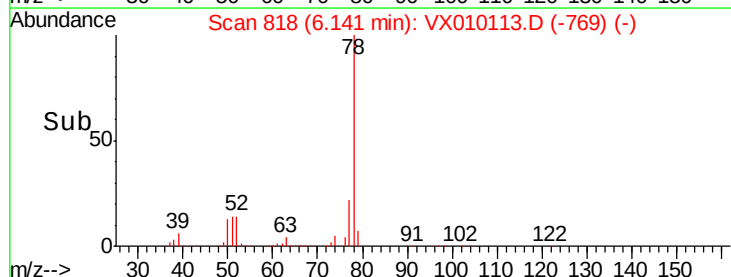
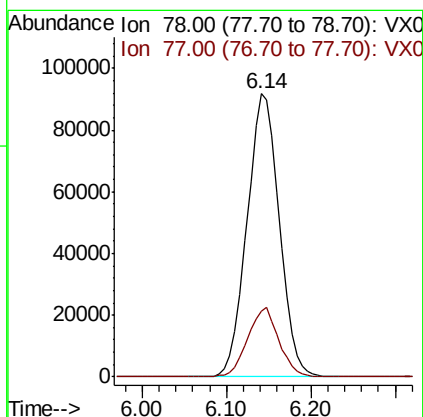
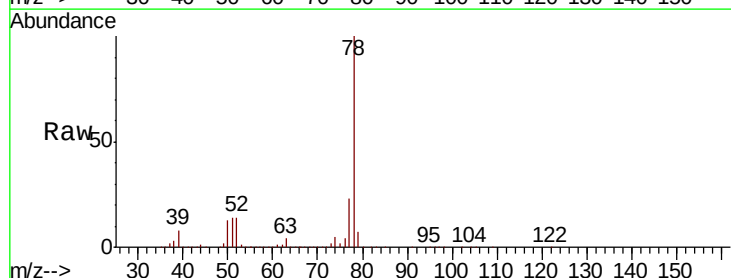
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

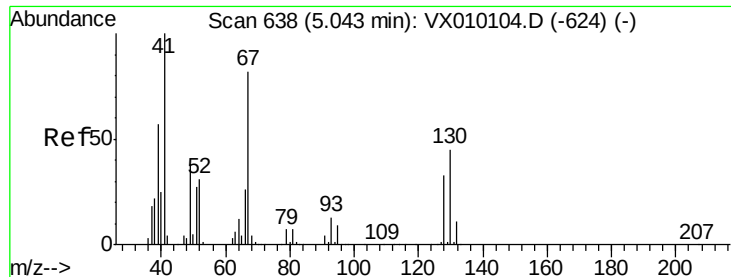
Tot Ion: 83 Resp: 101893
Ion Ratio Lower Upper
83 100
55 69.5 69.9 104.9#
98 47.3 35.1 52.7



#40
Benzene
Concen: 20.098 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Tgt Ion: 78 Resp: 240115
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8

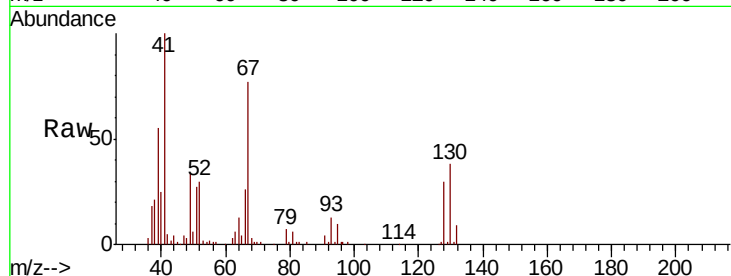




#41
Methacrylonitrile
Concen: 19.796 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.0	42.2	63.4
67	83.4	48.9	73.3#
52	31.6	20.1	30.1#



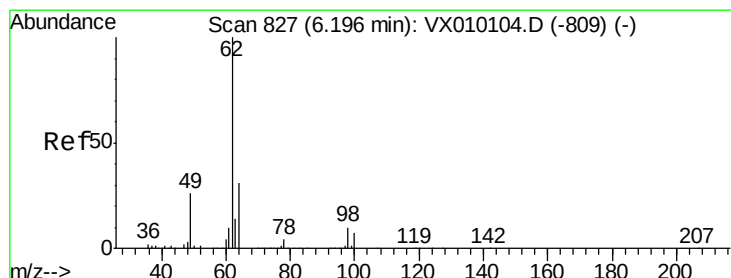
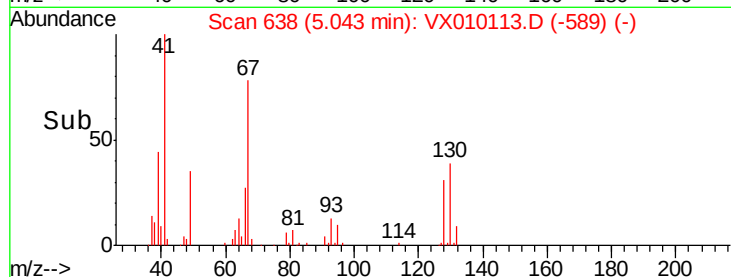
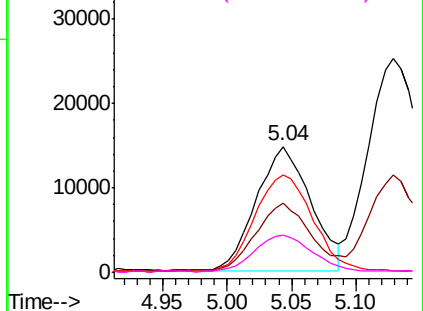
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

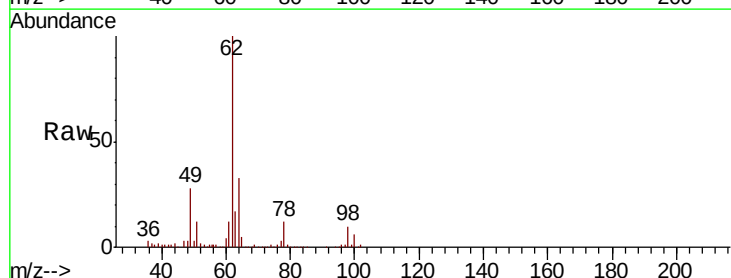
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.347 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

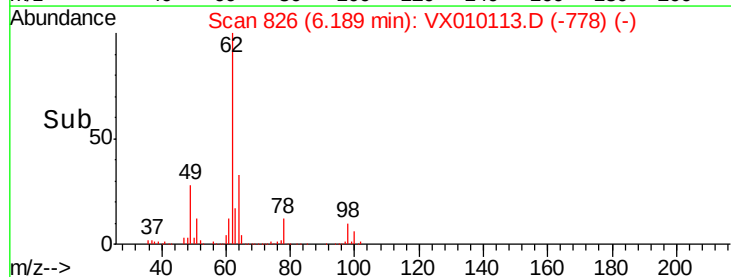
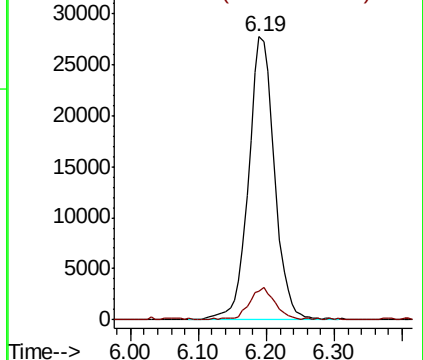
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	17.2

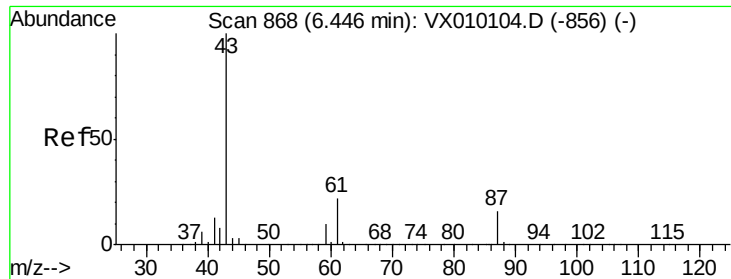


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.719 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

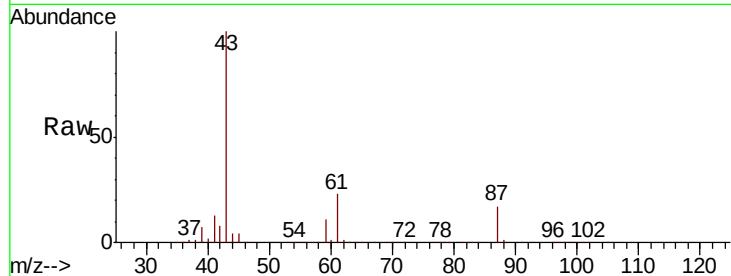
Tot Ion: 43 Resp: 132540

Ion Ratio Lower Upper

43 100

61 22.9 14.6 21.8#

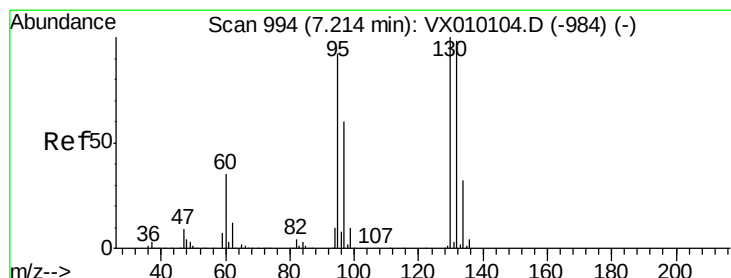
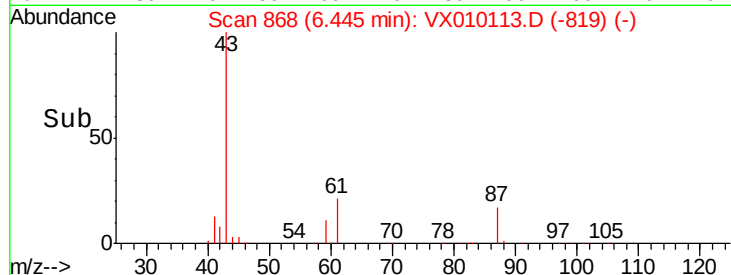
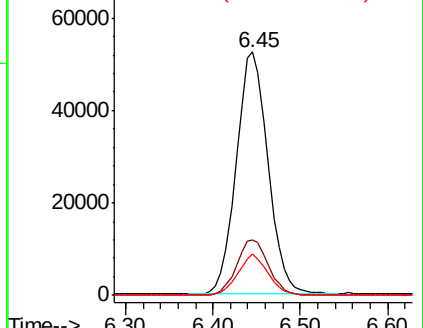
87 16.3 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.714 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010113.D

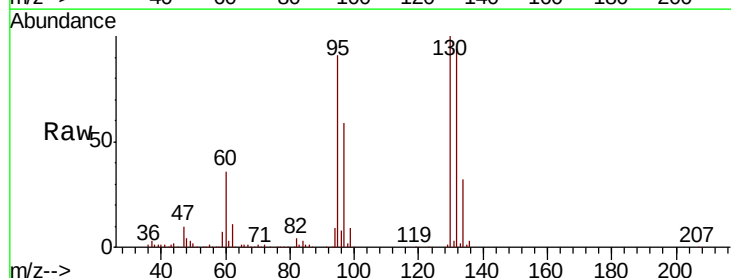
Acq: 07 Jun 2019 17:03

Tgt Ion:130 Resp: 70994

Ion Ratio Lower Upper

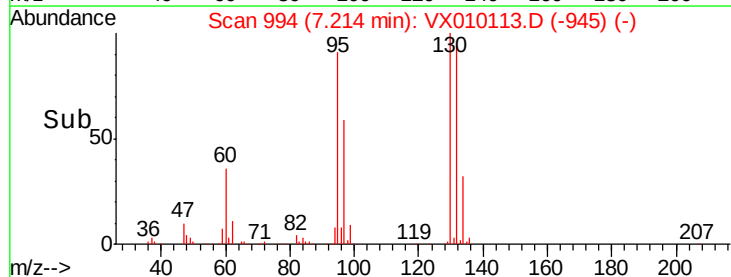
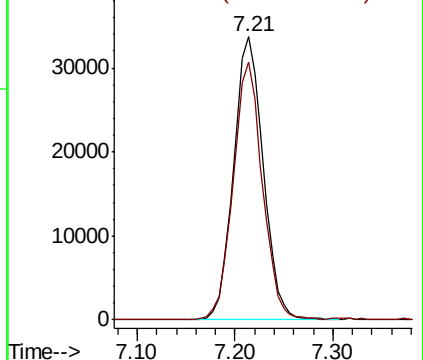
130 100

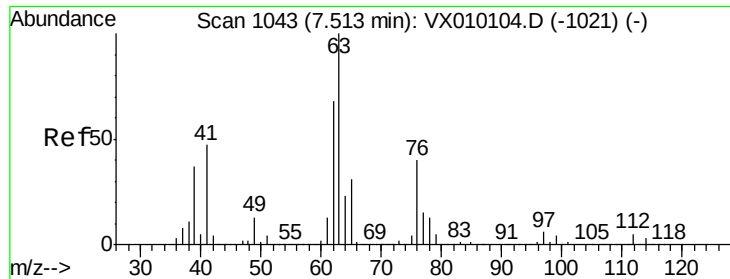
95 91.1 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

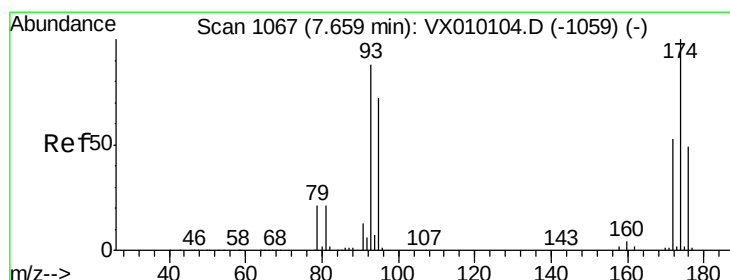
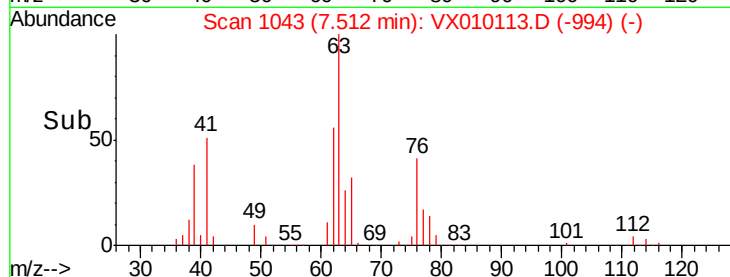
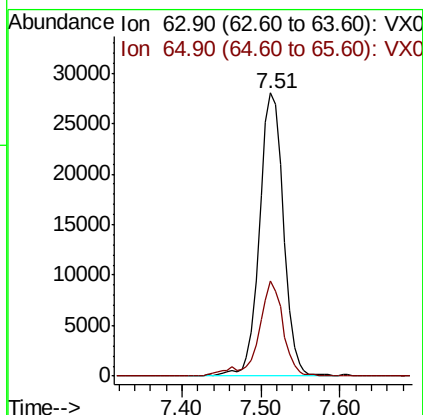
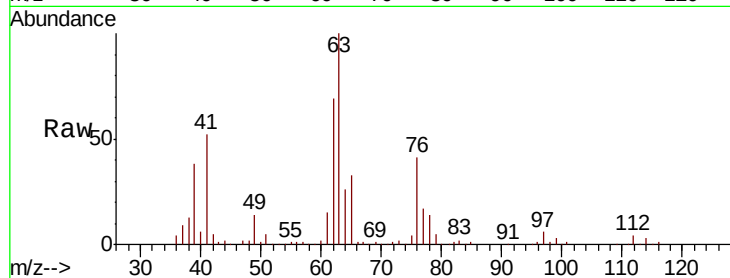




#45
1,2-Dichloropropane
Concen: 19.894 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

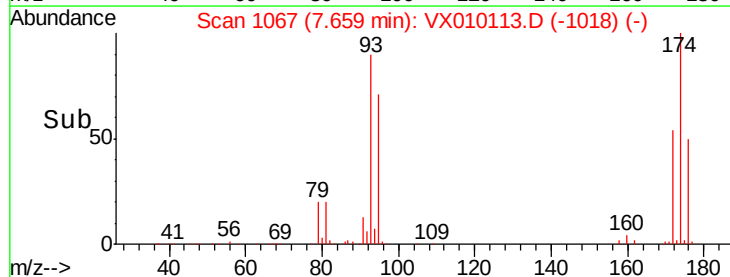
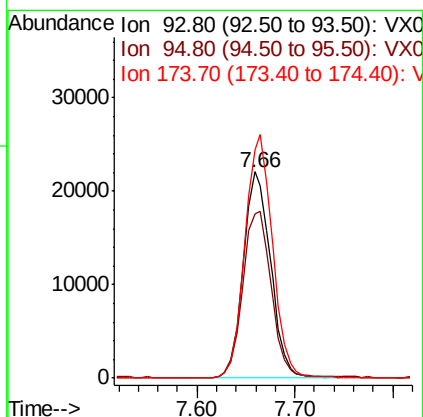
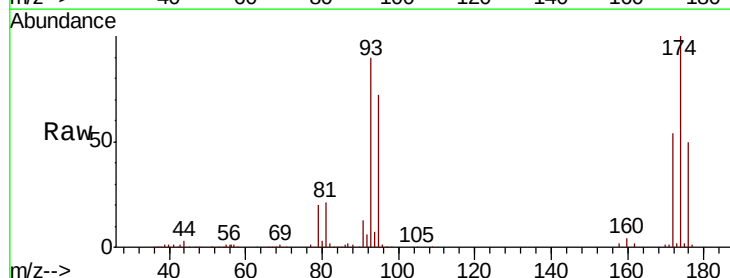
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

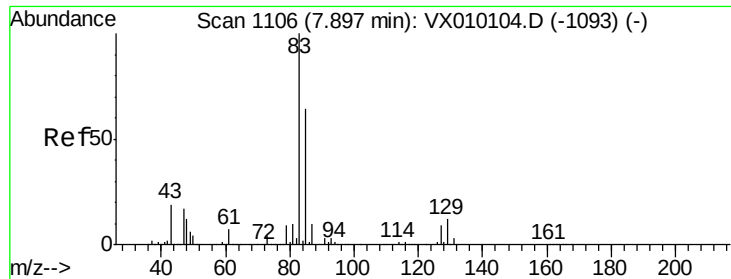
Tot Ion: 63 Resp: 59488
Ion Ratio Lower Upper
63 100
65 33.2 25.7 38.5



#46
Dibromomethane
Concen: 19.225 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Tgt Ion: 93 Resp: 43069
Ion Ratio Lower Upper
93 100
95 84.2 66.8 100.2
174 118.2 81.9 122.9





#47

Bromodichloromethane

Concen: 19.773 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

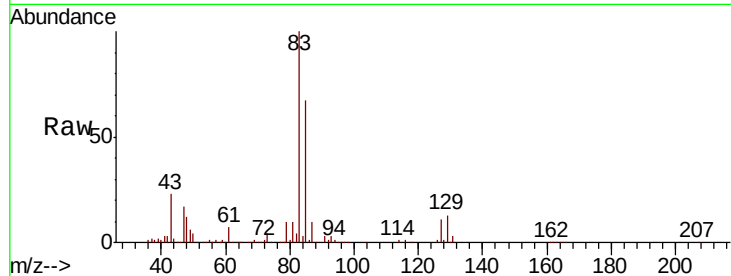
Tot Ion: 83 Resp: 82769

Ion Ratio Lower Upper

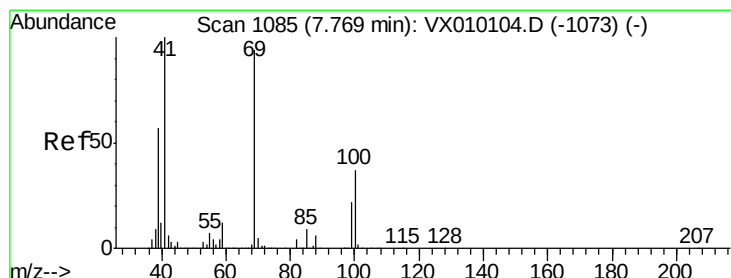
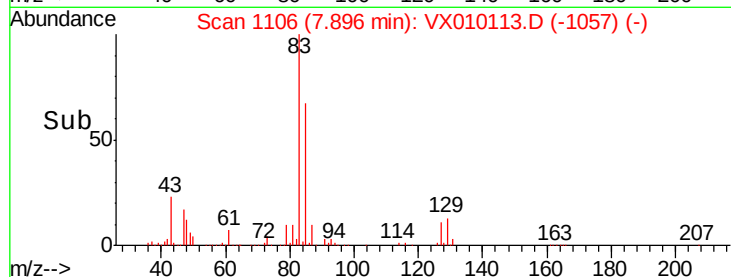
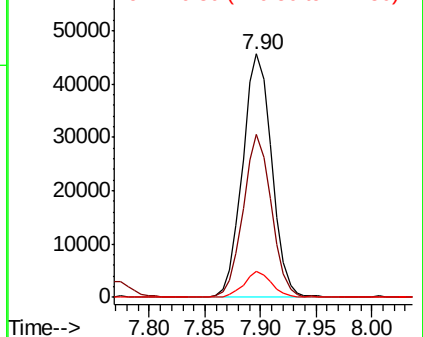
83 100

85 66.9 51.4 77.2

127 10.5 6.4 9.6#



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



#48

Methyl methacrylate

Concen: 20.402 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

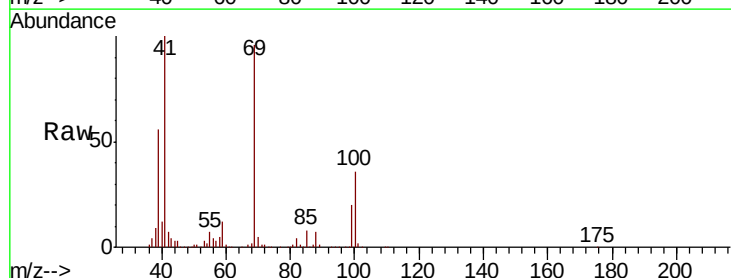
Tgt Ion: 41 Resp: 64132

Ion Ratio Lower Upper

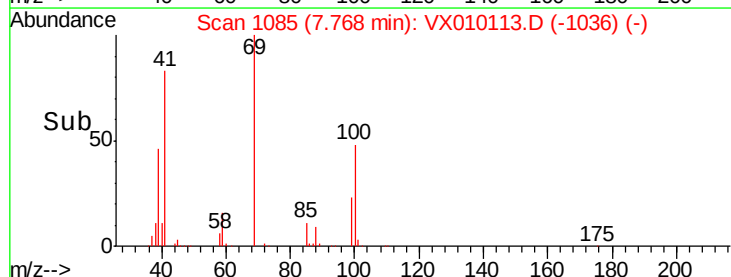
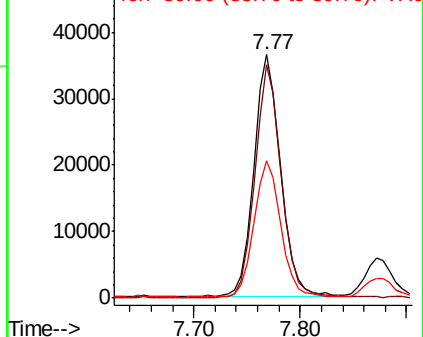
41 100

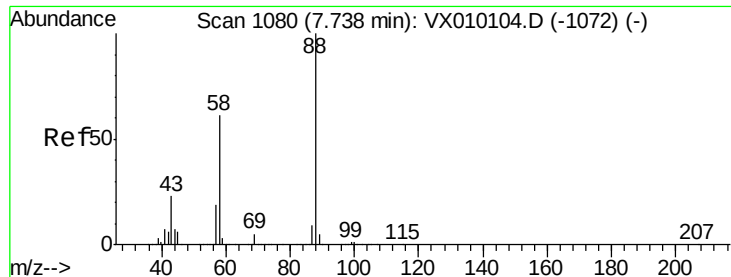
69 94.8 56.4 84.6#

39 56.4 40.6 60.8



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: 401.791 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

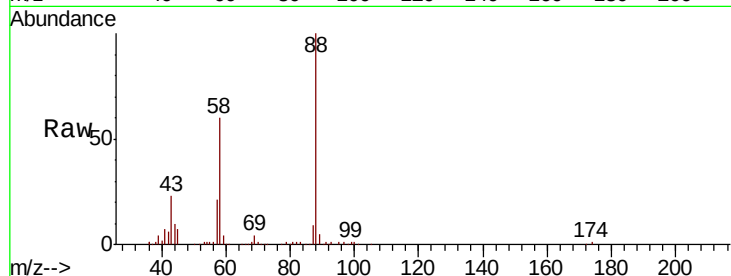
Tot Ion: 88 Resp: 36009

Ion Ratio Lower Upper

88 100

43 24.9 30.2 45.4#

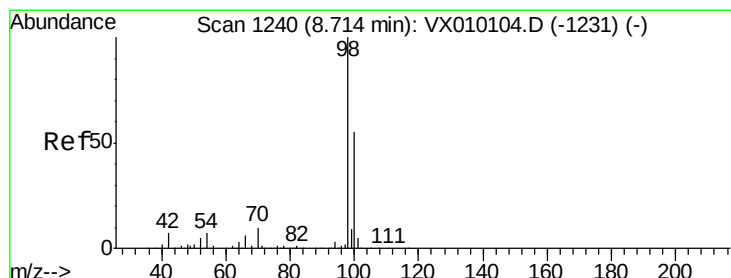
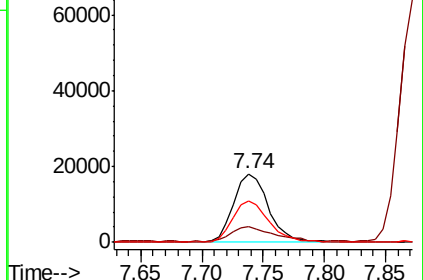
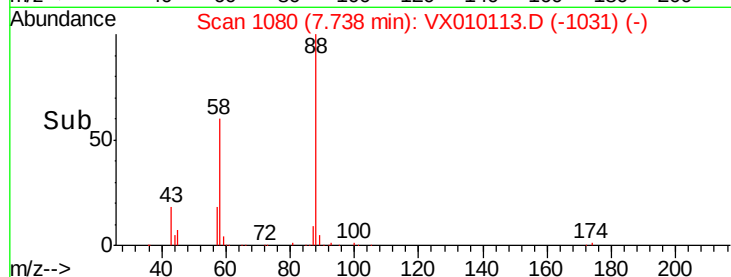
58 63.3 64.0 96.0#



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: 50.007 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010113.D

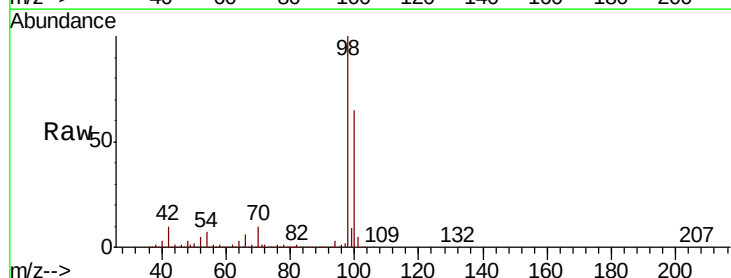
Acq: 07 Jun 2019 17:03

Tgt Ion: 98 Resp: 547459

Ion Ratio Lower Upper

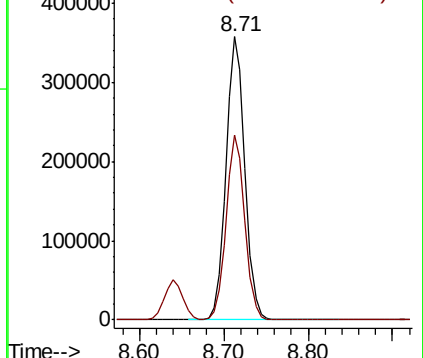
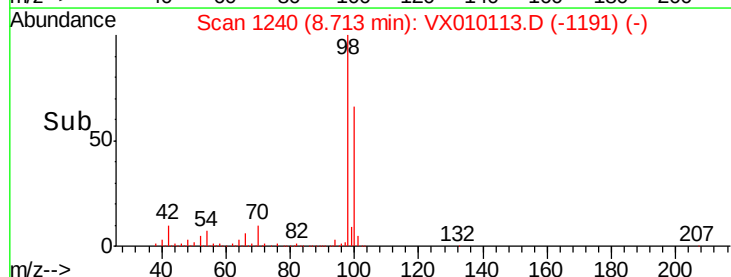
98 100

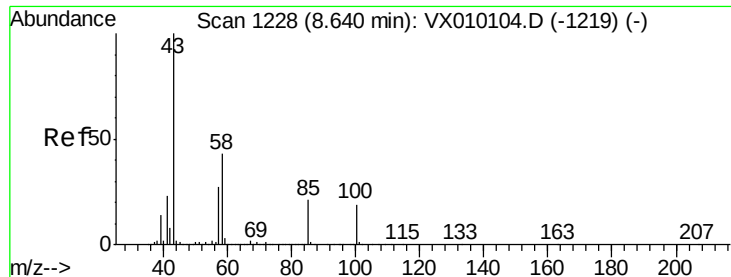
100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 104.340 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

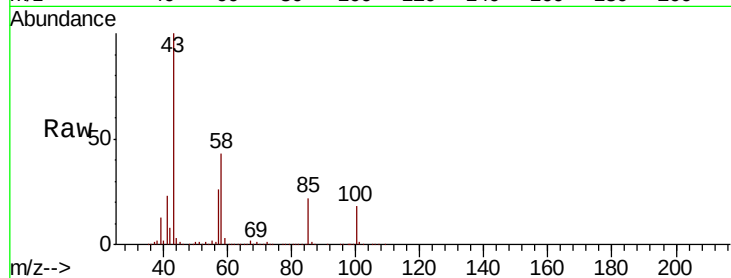
VX0607MBS01

Tot Ion: 43 Resp: 418957

Ion Ratio Lower Upper

43 100

58 42.9 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

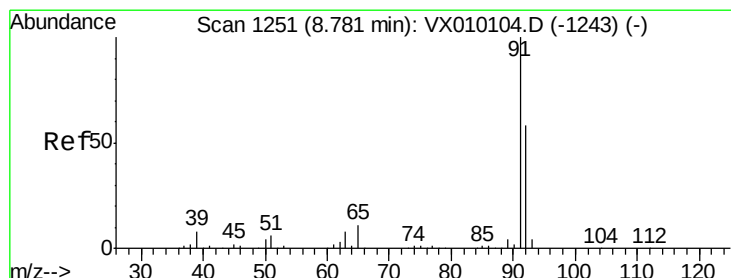
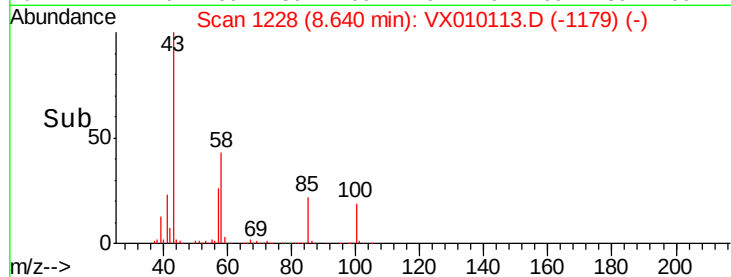
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.935 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010113.D

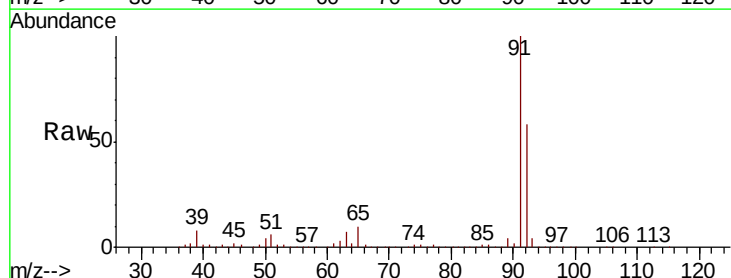
Acq: 07 Jun 2019 17:03

Tgt Ion: 92 Resp: 156555

Ion Ratio Lower Upper

92 100

91 173.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

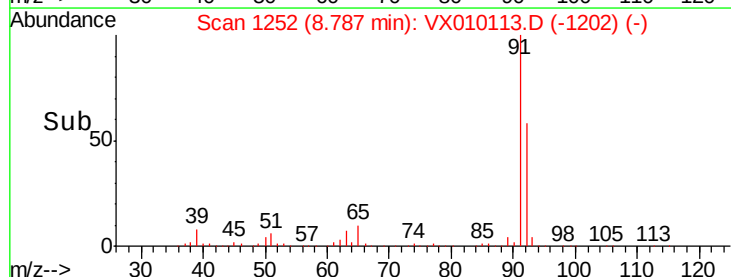
150000

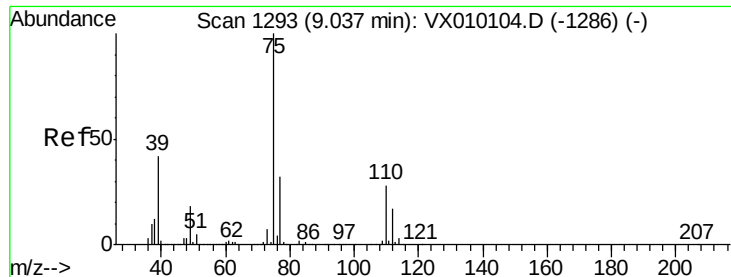
100000

50000

0

Time-->

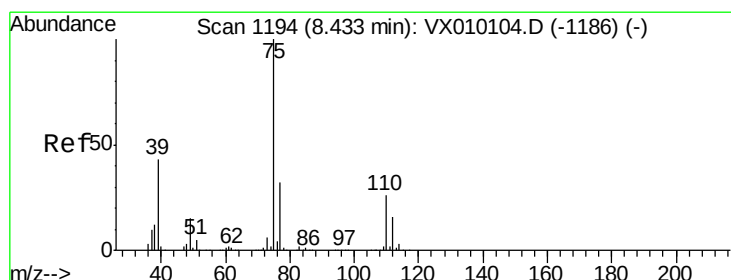
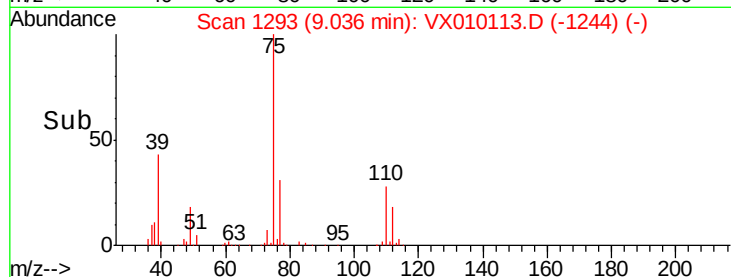
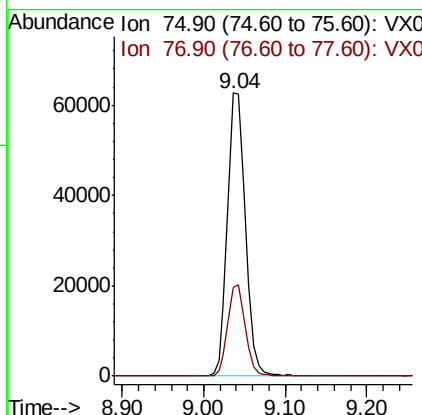
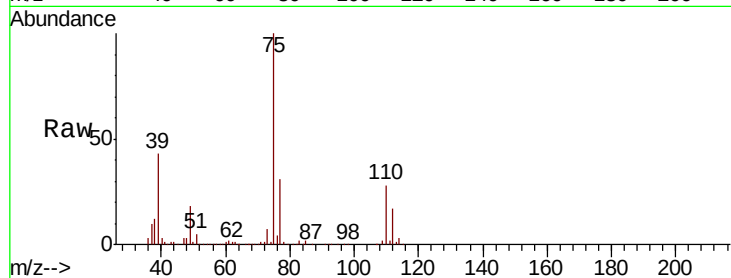




#53
t-1,3-Dichloropropene
Concen: 19.628 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

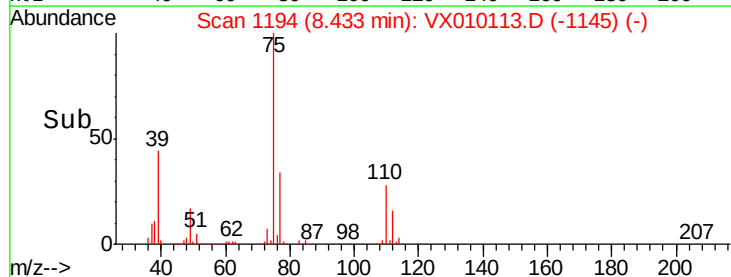
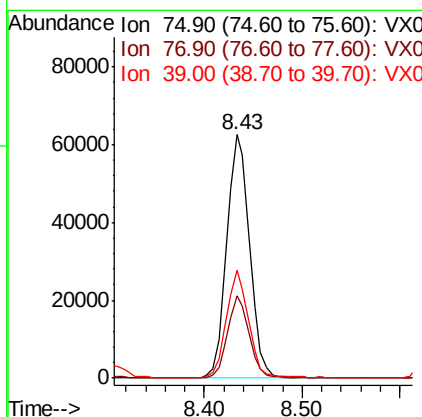
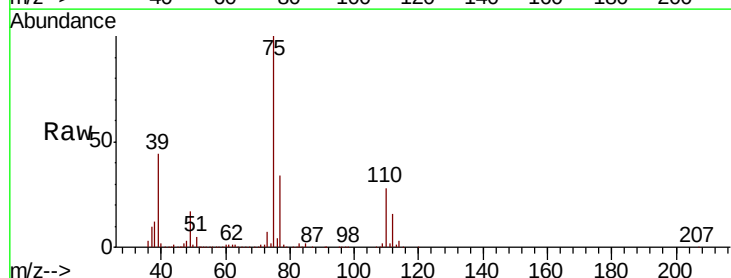
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

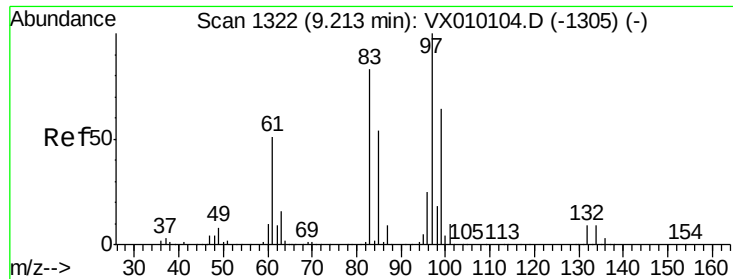
Tot Ion: 75 Resp: 95037
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 19.552 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Tgt Ion: 75 Resp: 101491
Ion Ratio Lower Upper
75 100
77 33.8 24.8 37.2
39 43.9 43.4 65.0

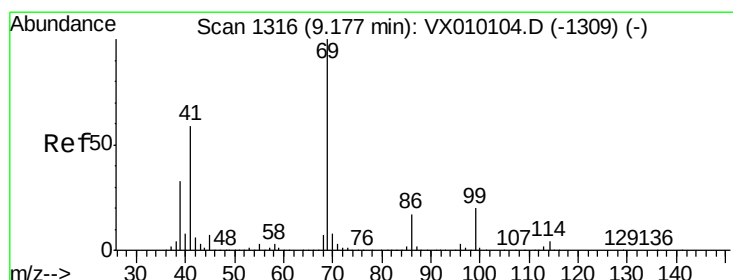
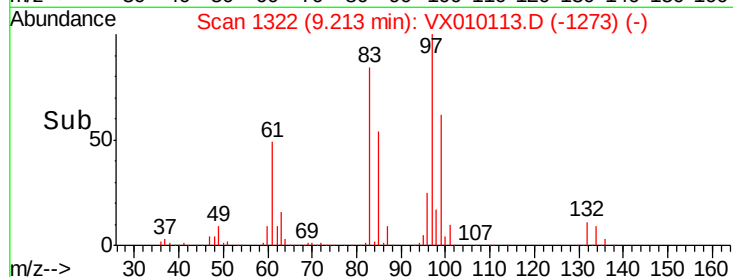
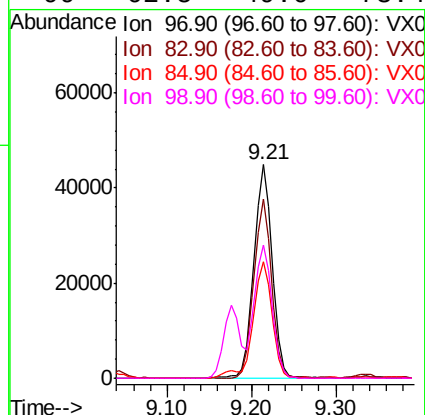
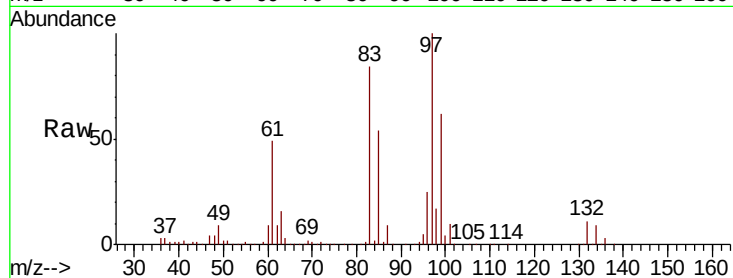




#55
 1,1,2-Trichloroethane
 Concen: 20.229 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

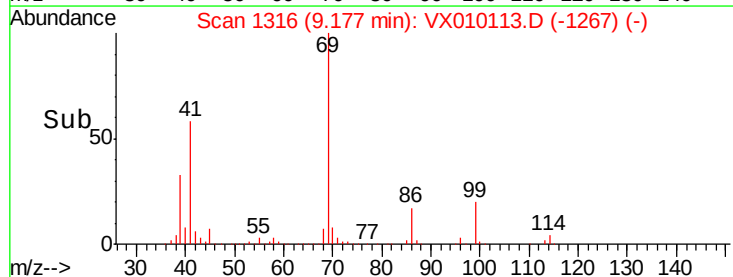
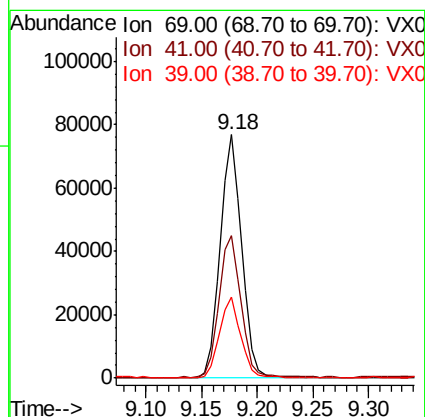
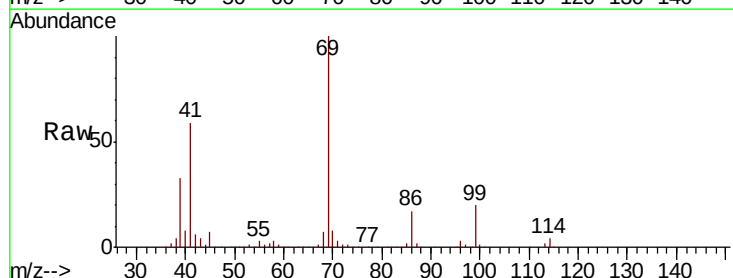
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

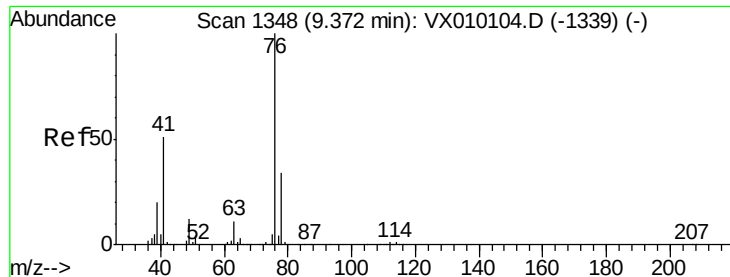
Tot Ion:	97	Resp:	65061
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.8	104.8
85	54.4	45.3	67.9
99	62.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.171 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

Tgt Ion:	69	Resp:	102479
Ion	Ratio	Lower	Upper
69	100		
41	60.0	62.7	94.1#
39	32.3	29.5	44.3





#57

1,3-Dichloropropane

Concen: 19.957 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

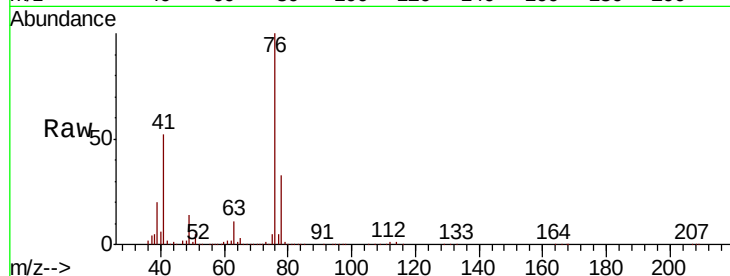
VX0607MBS01

Tot Ion: 76 Resp: 101052

Ion Ratio Lower Upper

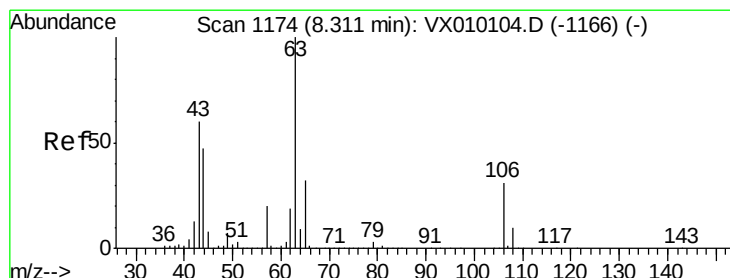
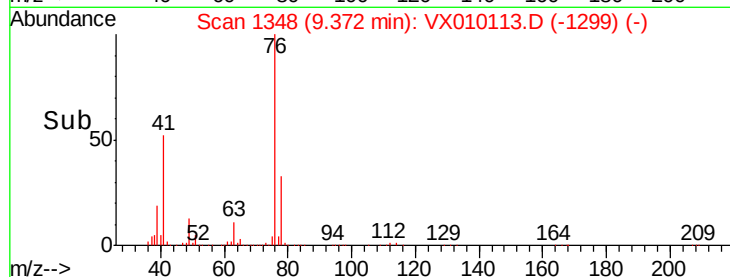
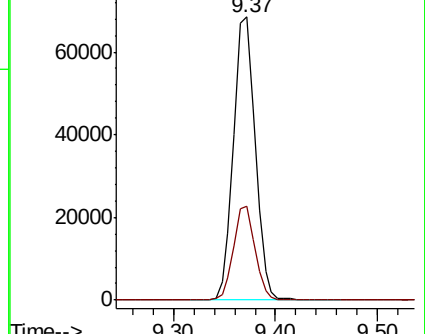
76 100

78 33.0 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.915 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010113.D

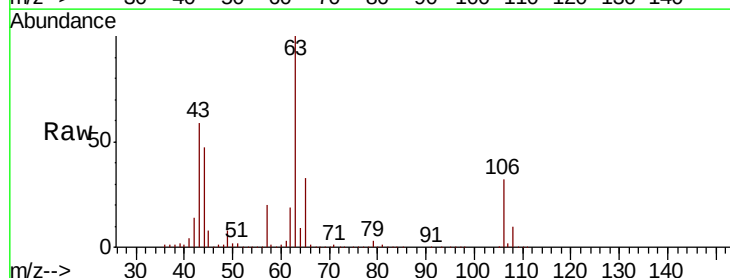
Acq: 07 Jun 2019 17:03

Tgt Ion: 63 Resp: 236912

Ion Ratio Lower Upper

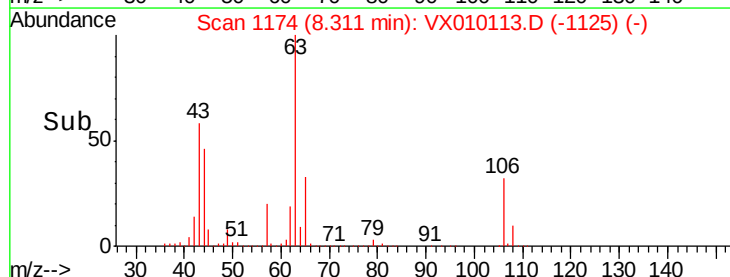
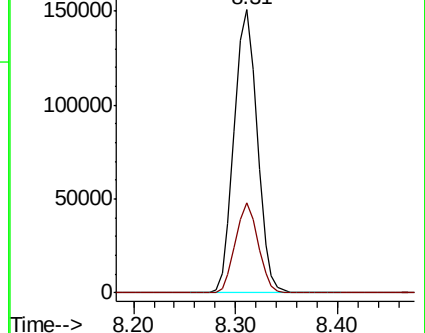
63 100

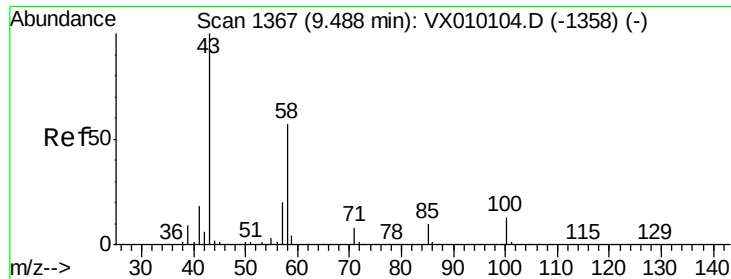
106 31.3 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

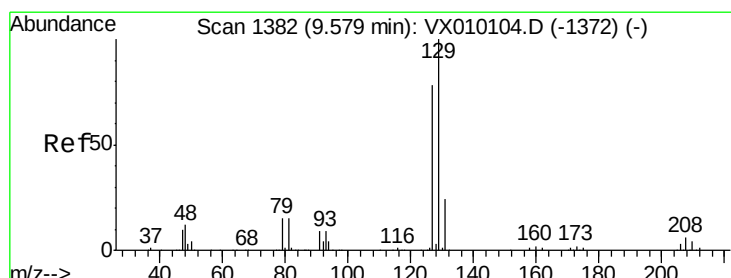
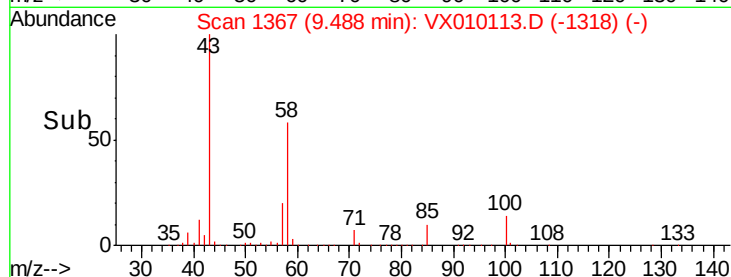
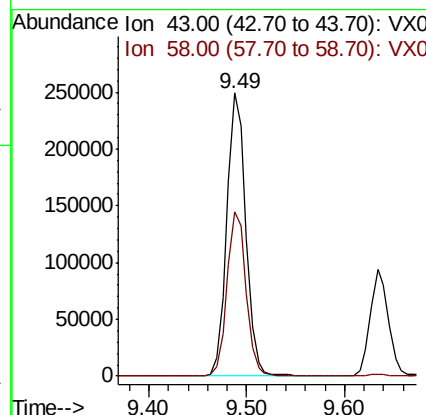
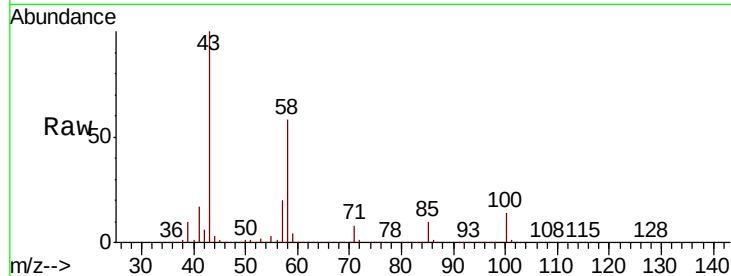




#59
2-Hexanone
Concen: 104.283 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

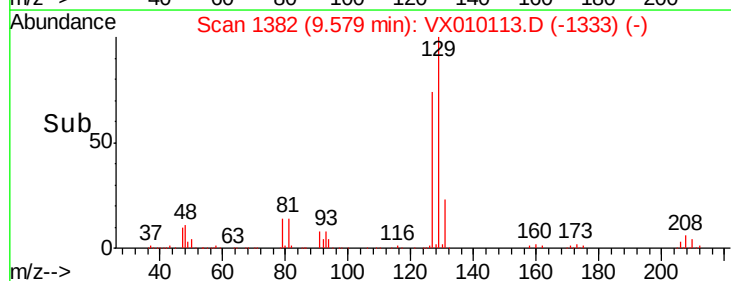
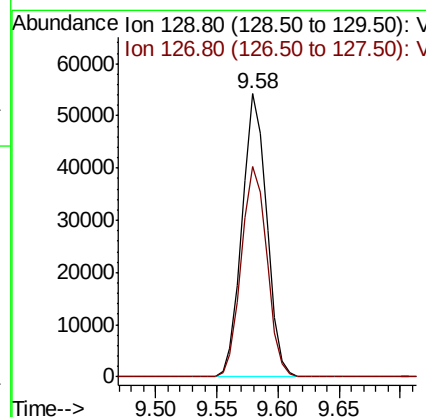
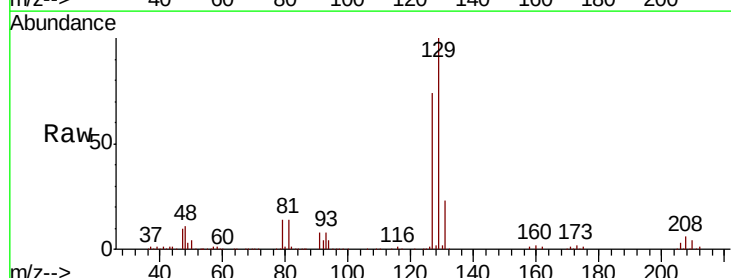
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

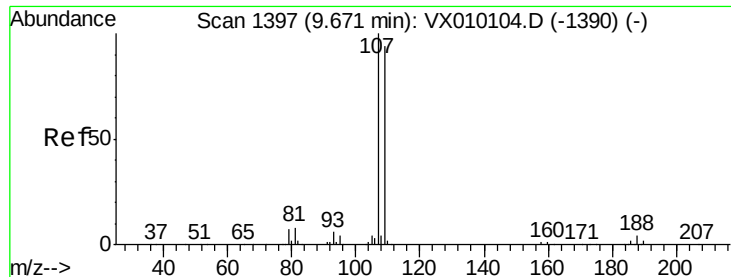
Tot Ion: 43 Resp: 333857
Ion Ratio Lower Upper
43 100
58 58.6 25.1 75.3



#60
Dibromochloromethane
Concen: 19.869 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Tgt Ion: 129 Resp: 75589
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.519 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

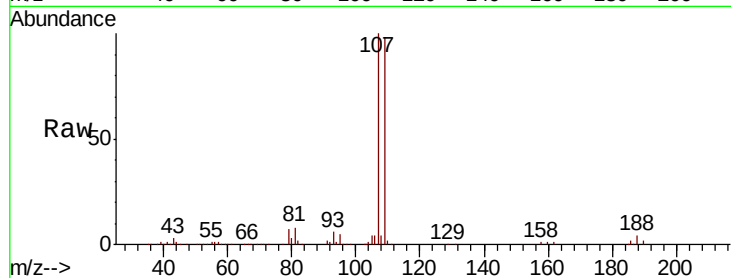
VX0607MBS01

Tot Ion:107 Resp: 69919

Ion Ratio Lower Upper

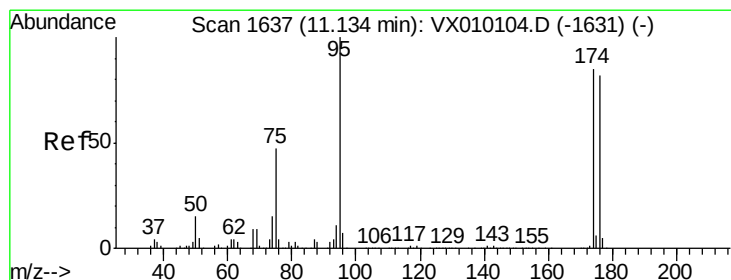
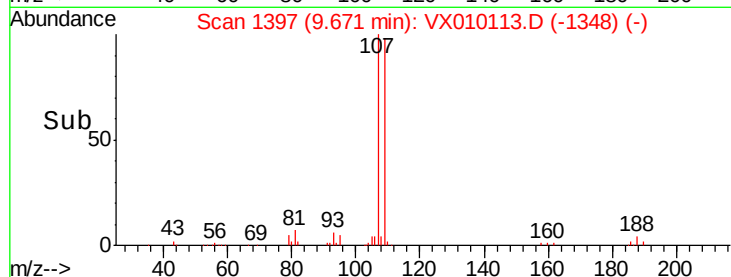
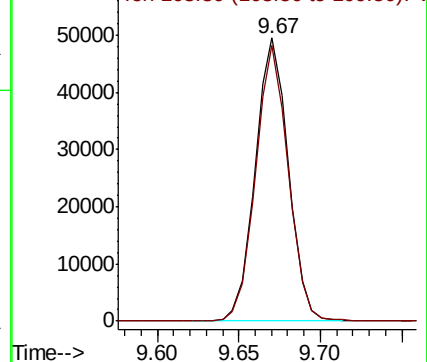
107 100

109 95.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.572 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

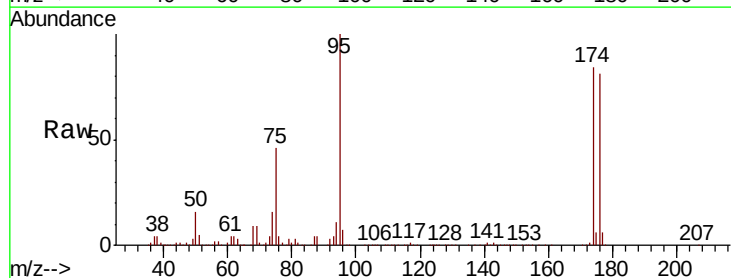
Tgt Ion: 95 Resp: 202676

Ion Ratio Lower Upper

95 100

174 88.9 0.0 160.4

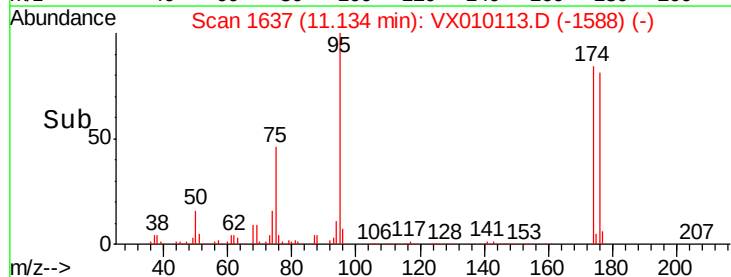
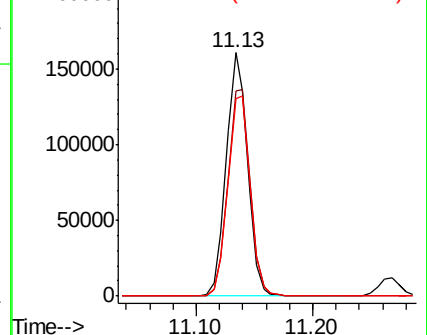
176 86.2 0.0 154.6

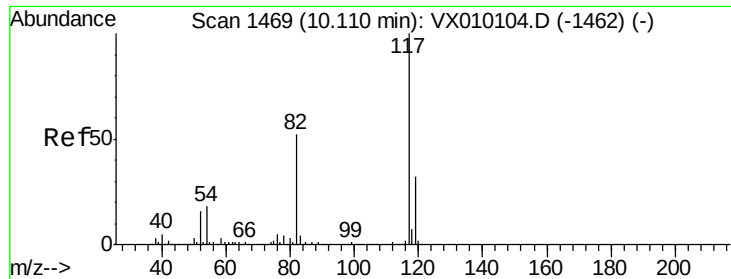


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

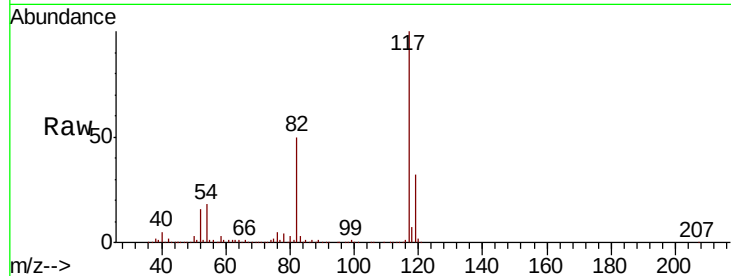




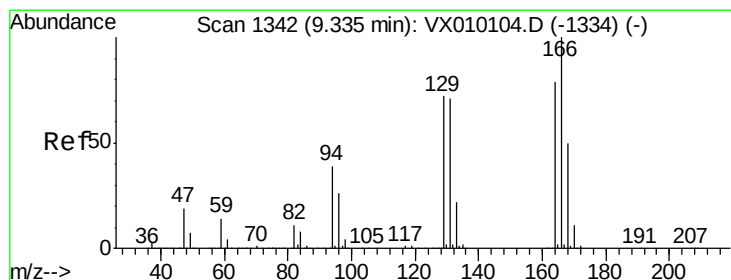
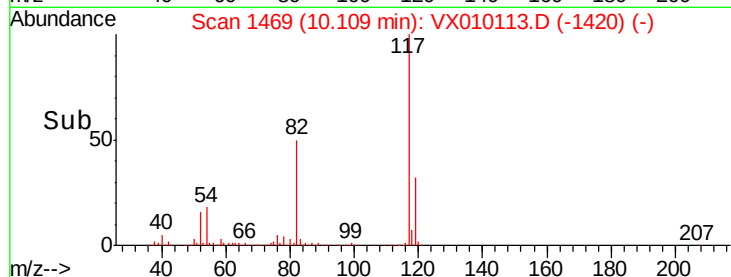
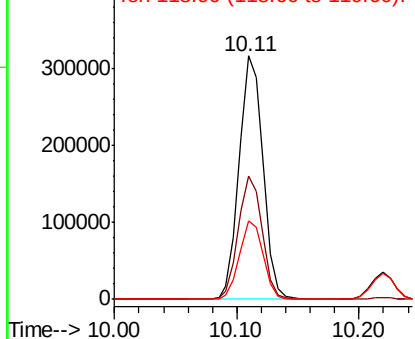
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tot Ion:117 Resp: 425243
Ion Ratio Lower Upper
117 100
82 50.4 49.2 73.8
119 32.1 25.2 37.8

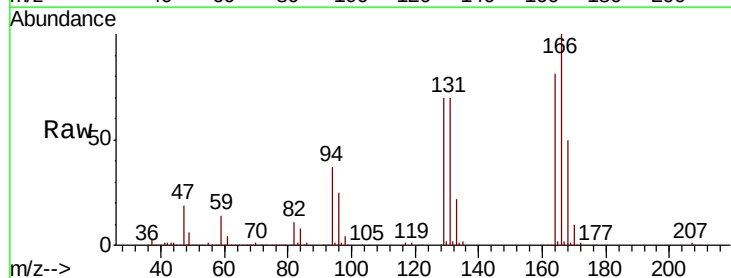


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

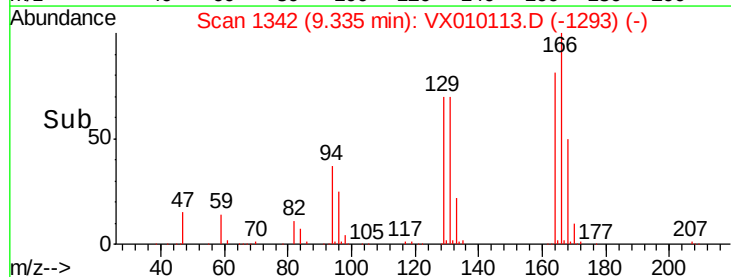
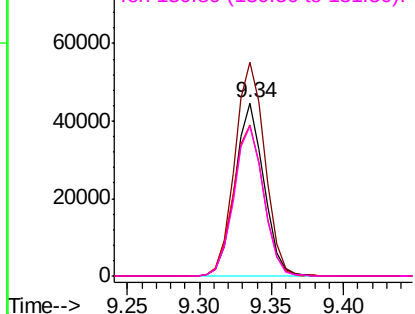


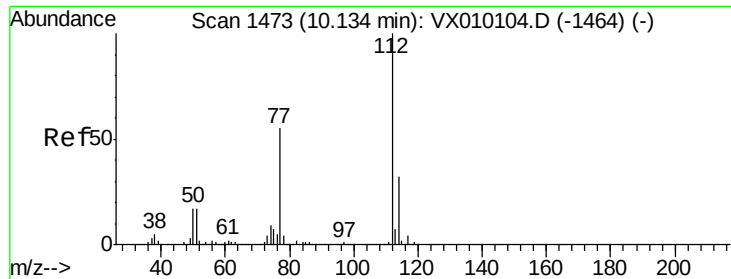
#64
Tetrachloroethene
Concen: 19.760 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Tgt Ion:164 Resp: 62410
Ion Ratio Lower Upper
164 100
166 123.2 105.0 157.4
129 86.8 75.1 112.7
131 86.2 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

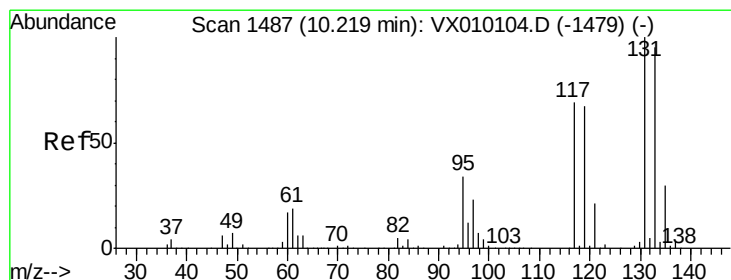
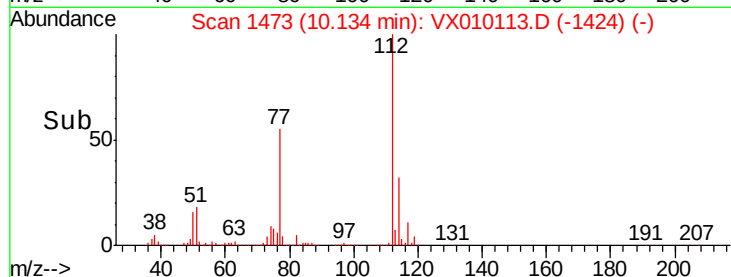
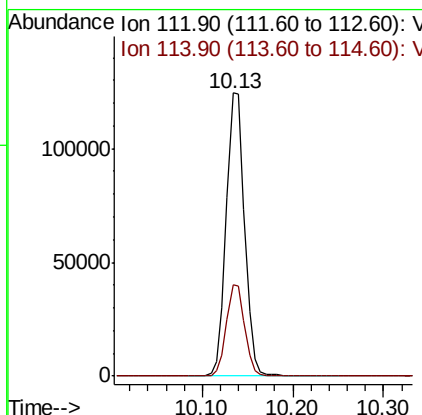
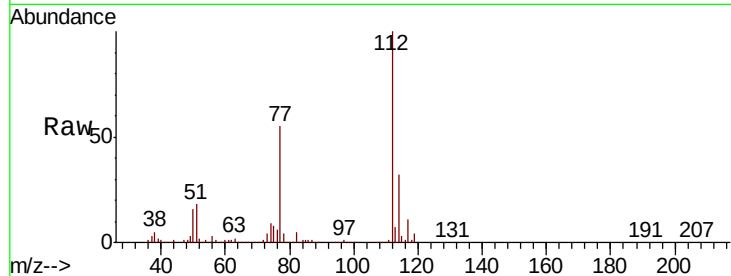




#65
Chlorobenzene
Concen: 20.007 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

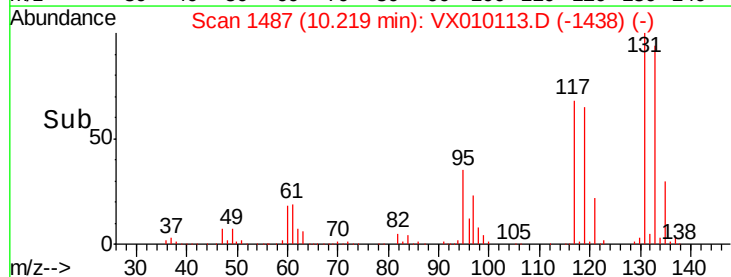
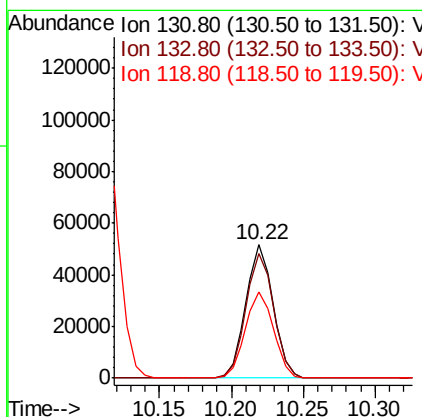
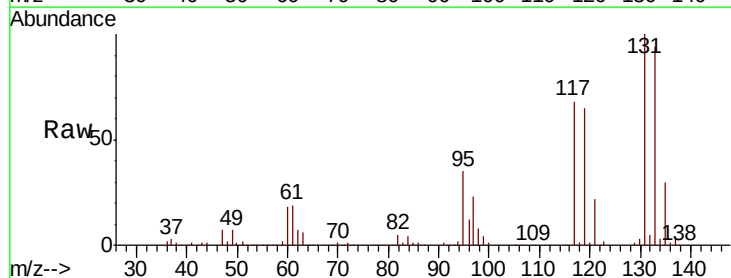
Instrument :
MSVOA_X
ClientSampled :
VX0607MBS01

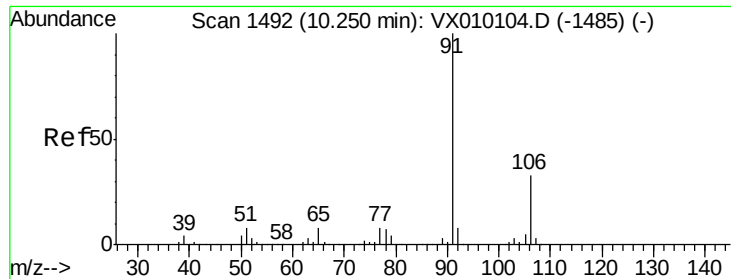
Tot Ion:112 Resp: 175592
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.070 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Tgt Ion:131 Resp: 67740
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 66.5 33.4 100.1

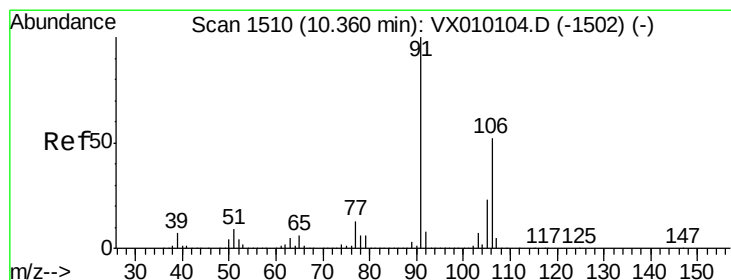
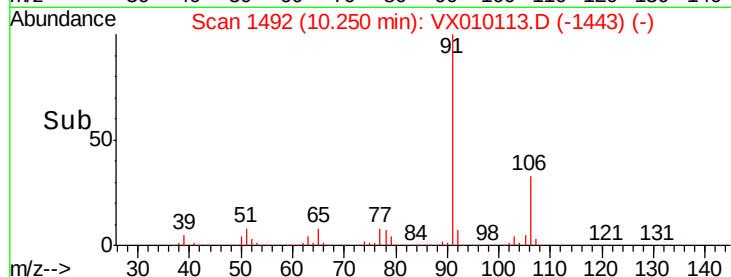
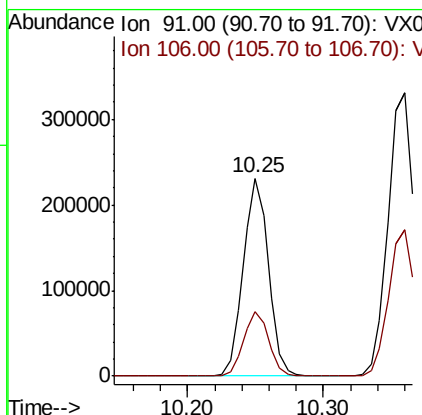
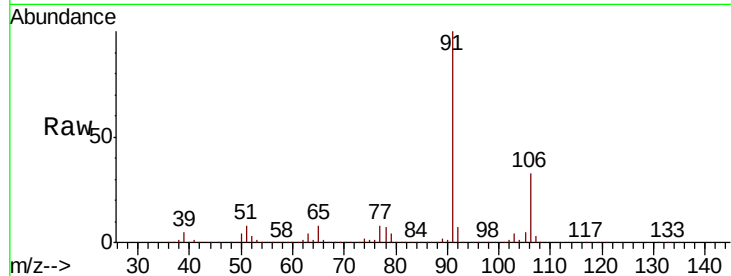




#67
Ethyl Benzene
Concen: 20.026 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

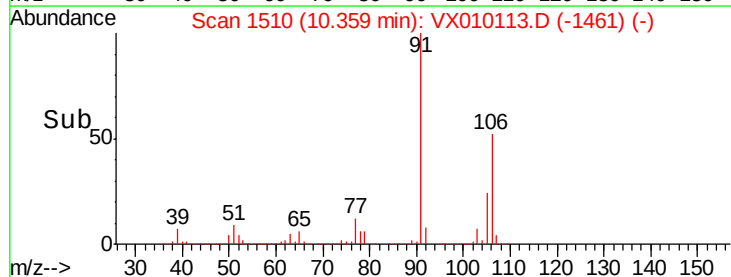
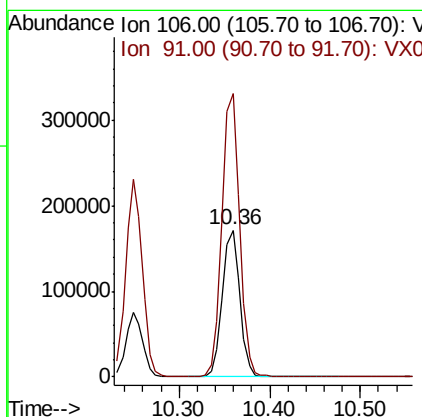
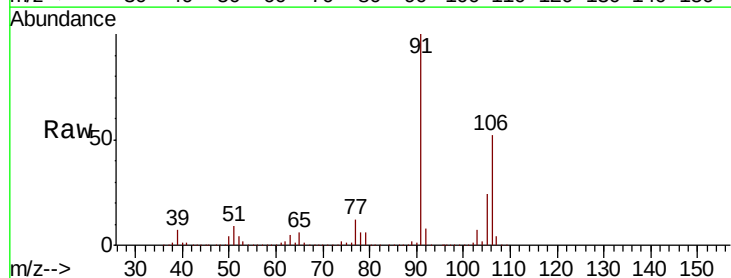
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

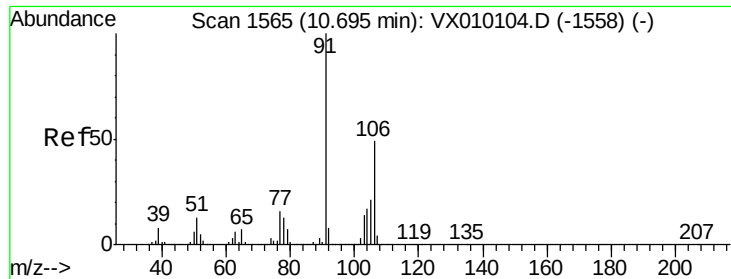
Tot Ion: 91 Resp: 299213
Ion Ratio Lower Upper
91 100
106 32.7 23.9 35.9



#68
m/p-Xylenes
Concen: 40.198 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Tgt Ion: 106 Resp: 232411
Ion Ratio Lower Upper
106 100
91 194.3 167.3 250.9

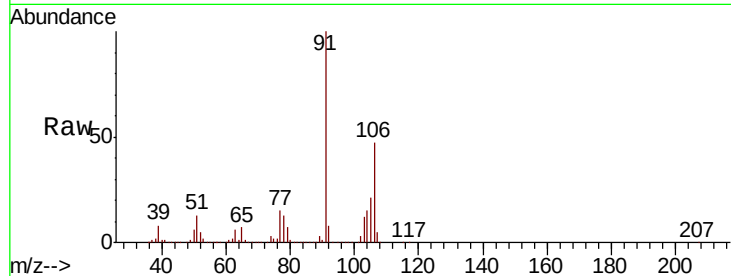




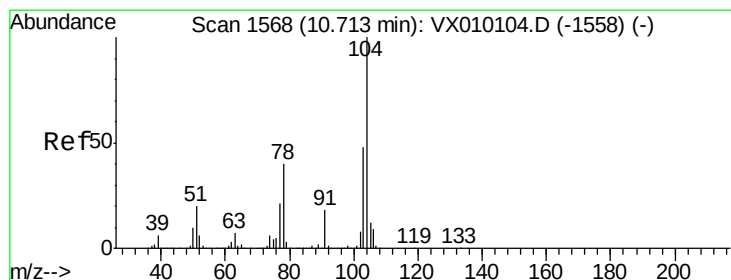
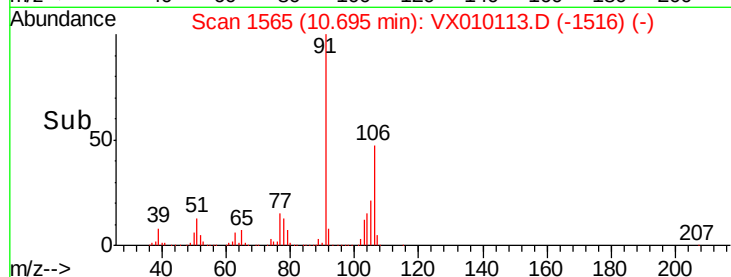
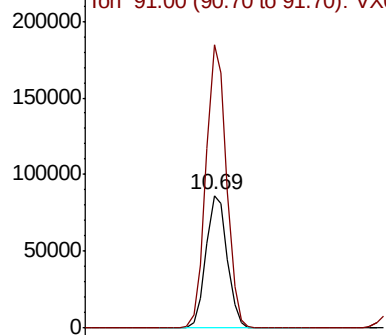
#69
o-Xylene
Concen: 19.791 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tot Ion:106 Resp: 113746
Ion Ratio Lower Upper
106 100
91 206.7 110.4 331.2

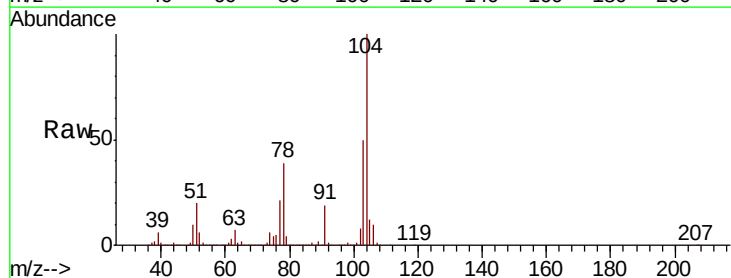


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

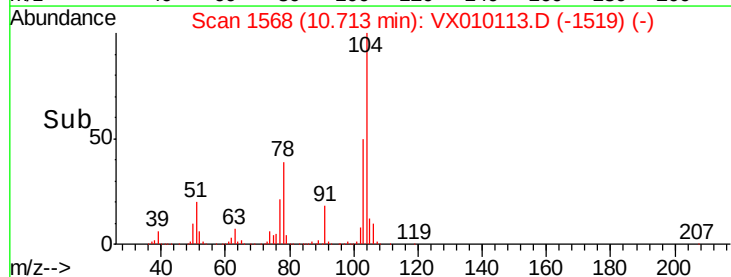
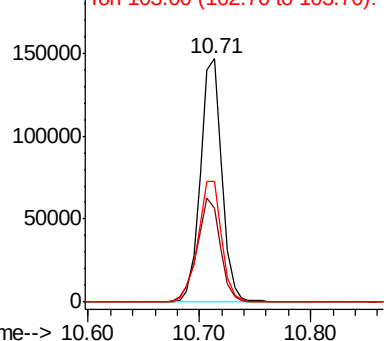


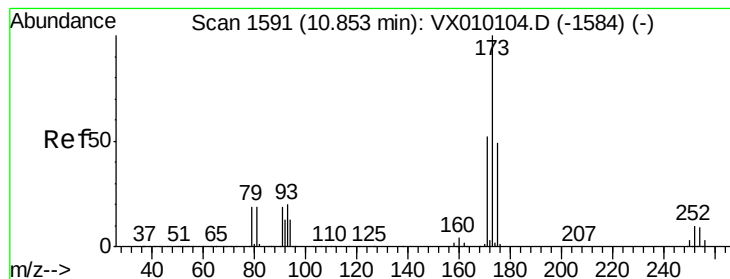
#70
Styrene
Concen: 19.990 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Tgt Ion:104 Resp: 194583
Ion Ratio Lower Upper
104 100
78 46.8 42.1 63.1
103 55.1 44.1 66.1



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: 20.016 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

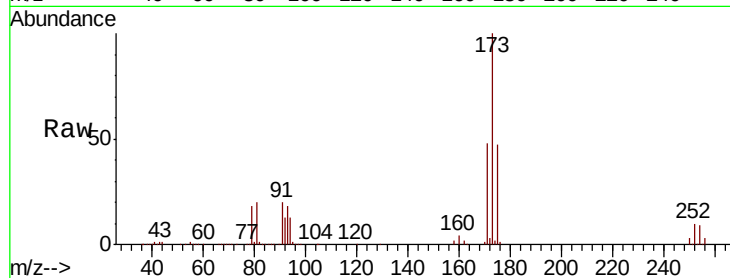
Tot Ion:173 Resp: 62107

Ion Ratio Lower Upper

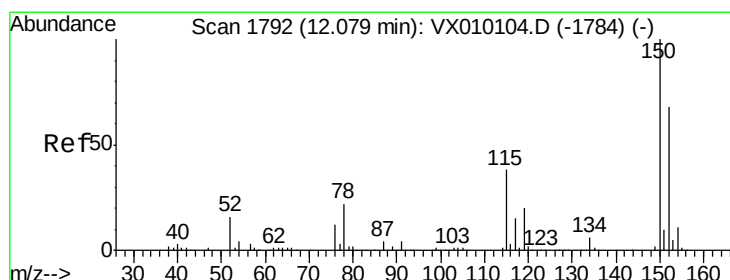
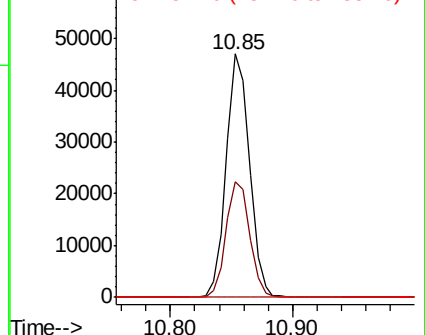
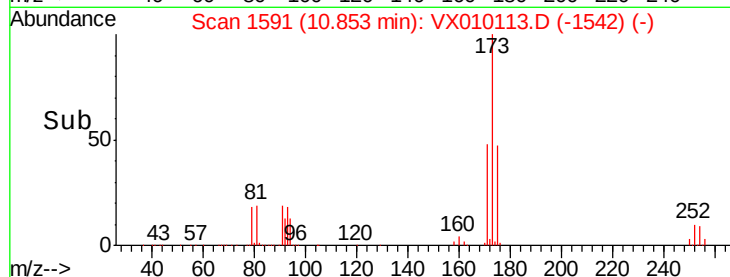
173 100

175 48.3 25.0 75.0

254 0.0 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: VX010113.D

Acq: 07 Jun 2019 17:03

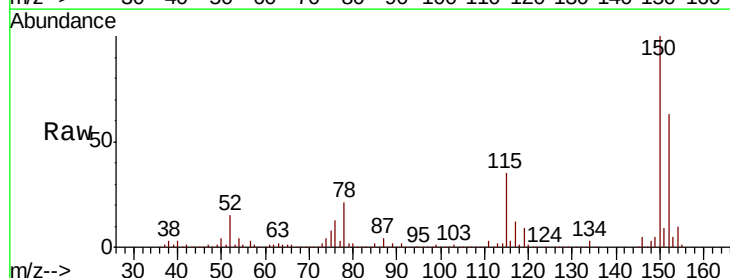
Tgt Ion:152 Resp: 210075

Ion Ratio Lower Upper

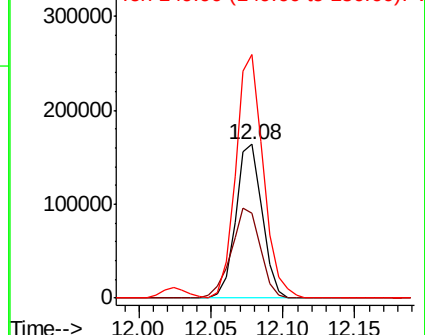
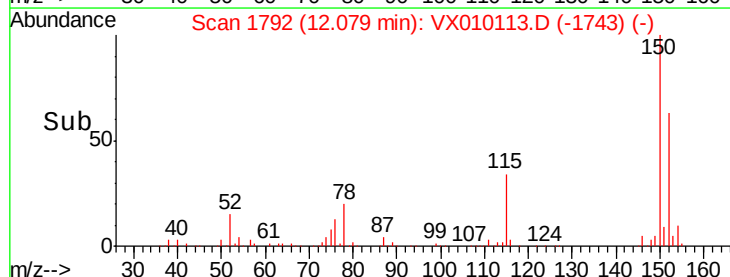
152 100

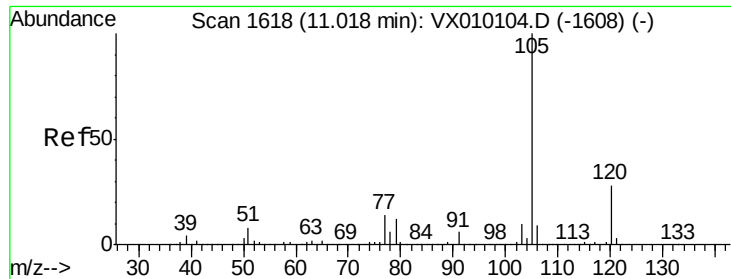
115 64.6 41.4 124.2

150 164.6 0.0 345.2



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: 20.423 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

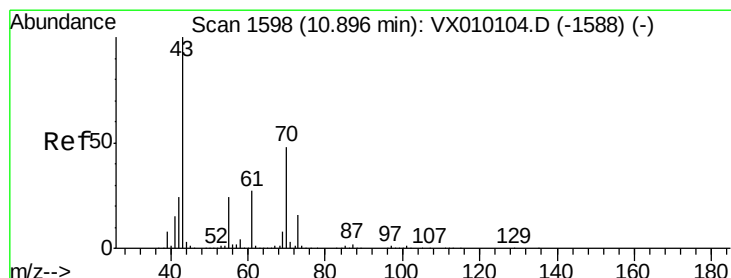
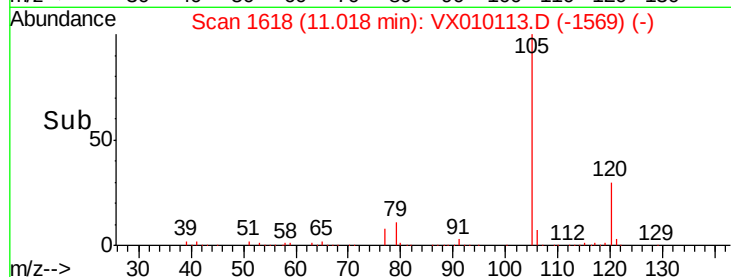
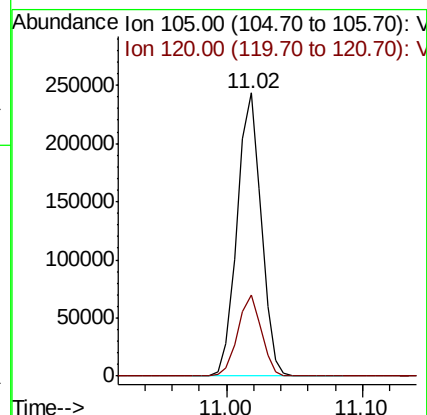
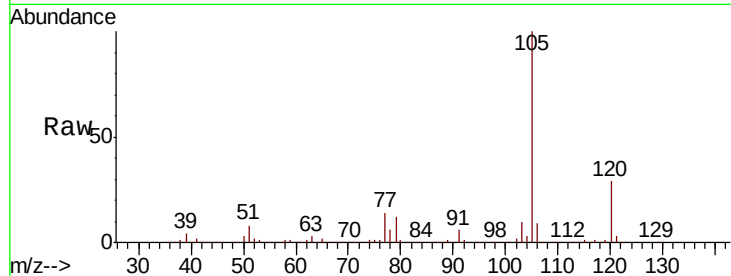
VX0607MBS01

Tot Ion:105 Resp: 299493

Ion Ratio Lower Upper

105 100

120 28.2 12.8 38.4



#74

N-ethyl acetate

Concen: 20.503 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Tgt Ion: 43 Resp: 118856

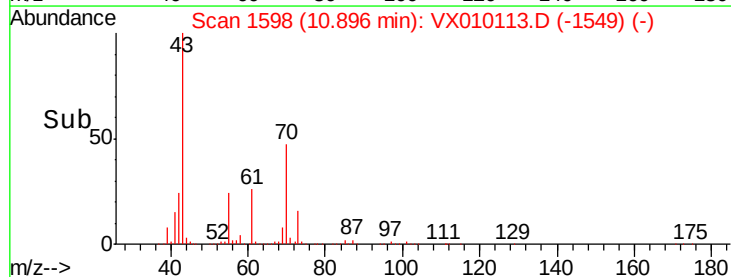
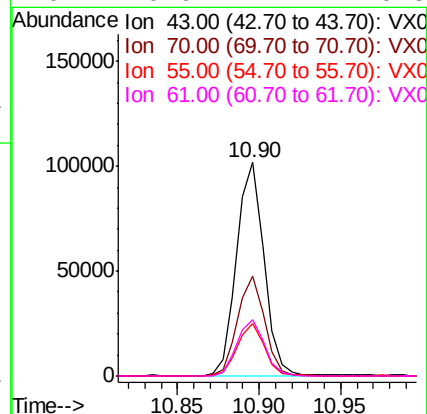
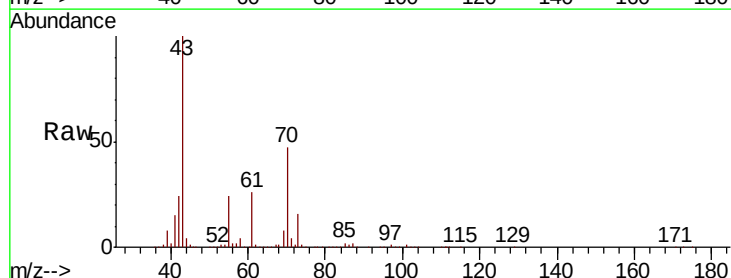
Ion Ratio Lower Upper

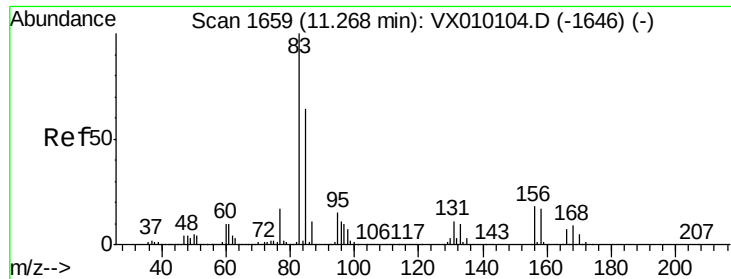
43 100

70 46.4 28.6 43.0#

55 23.6 17.8 26.8

61 26.9 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.608 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

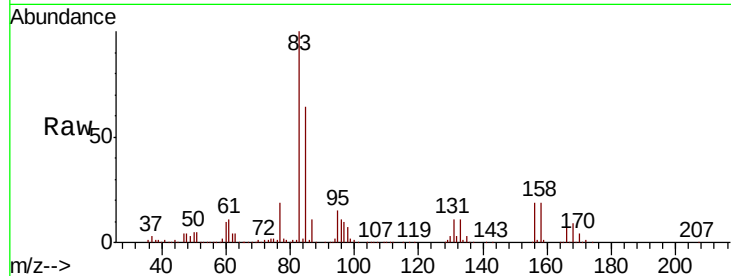
MSVOA_X

ClientSampleId :

VX0607MBS01

Tot Ion: 83 Resp: 103450

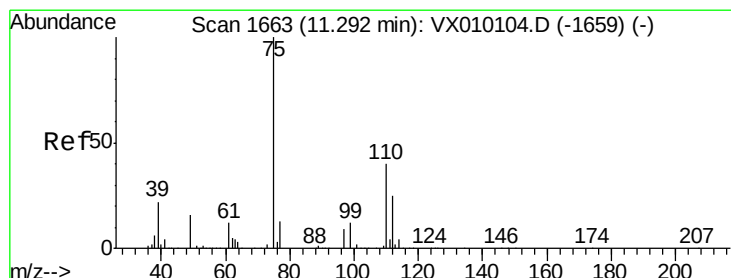
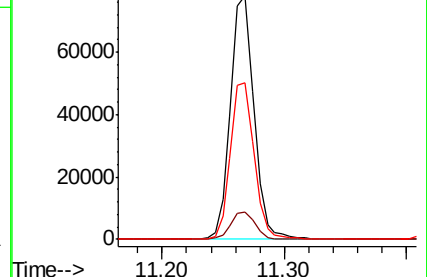
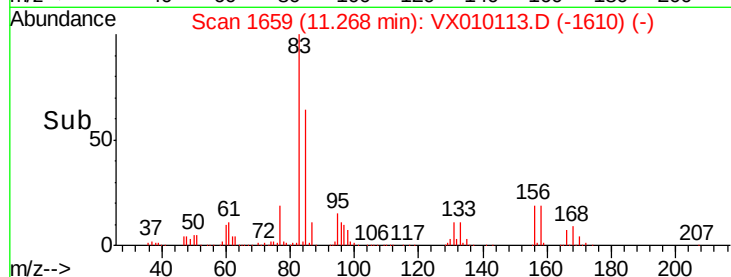
Ion	Ratio	Lower	Upper
83	100		
131	11.5	4.7	14.1
85	65.4	31.9	95.9



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: 28.052 ug/l

RT: 11.29 min Scan# 1663

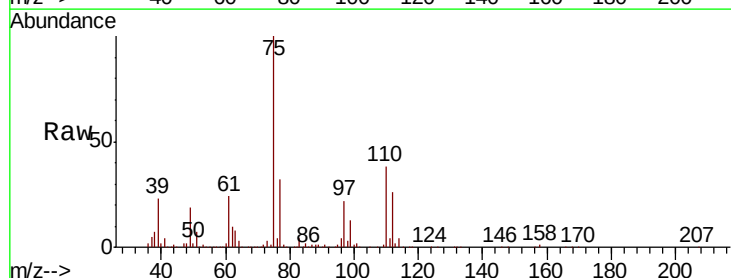
Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

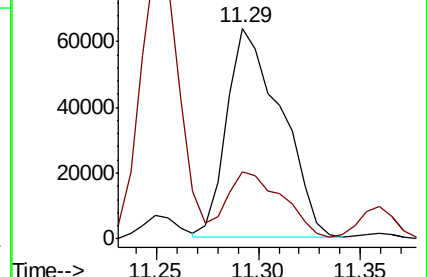
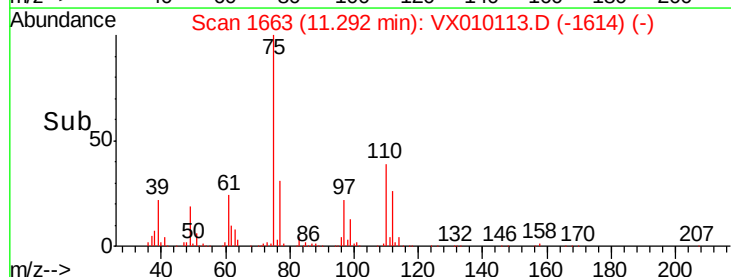
Tgt Ion: 75 Resp: 117870

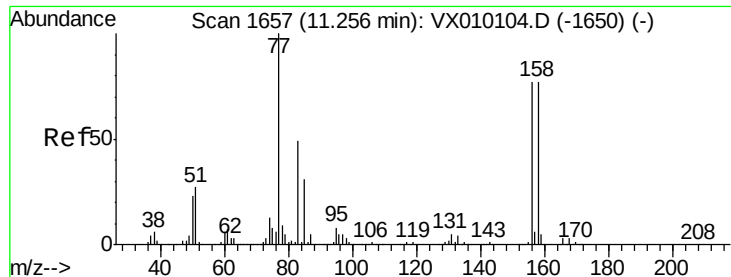
Ion	Ratio	Lower	Upper
75	100		
77	33.1	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.149 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

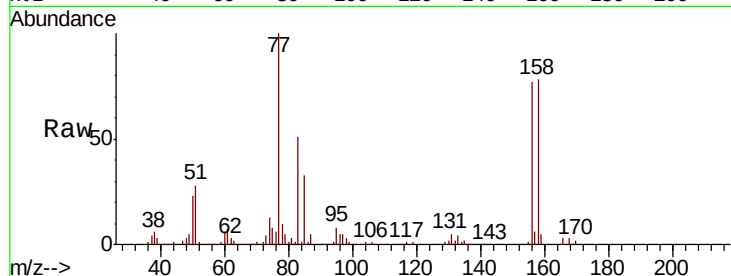
Tot Ion:156 Resp: 81255

Ion Ratio Lower Upper

156 100

77 138.1 86.8 260.3

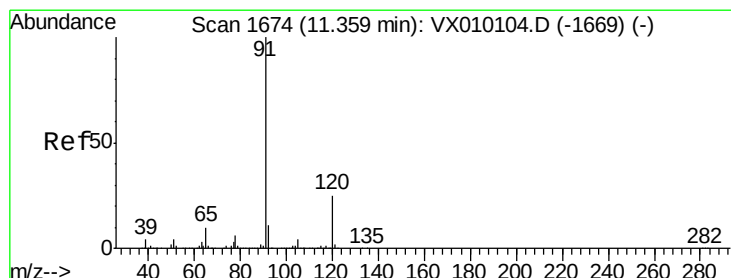
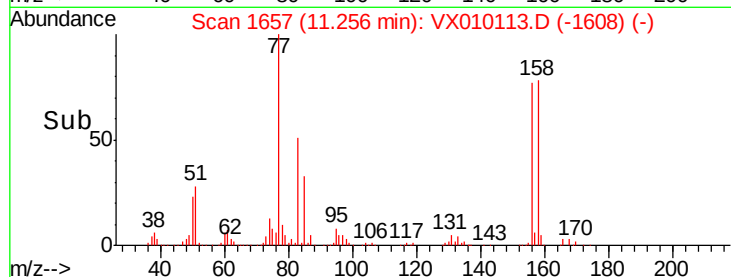
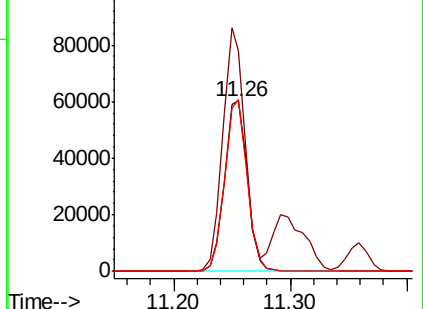
158 98.8 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.045 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010113.D

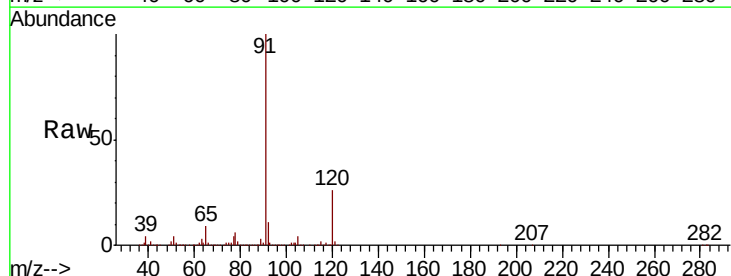
Acq: 07 Jun 2019 17:03

Tgt Ion: 91 Resp: 327247

Ion Ratio Lower Upper

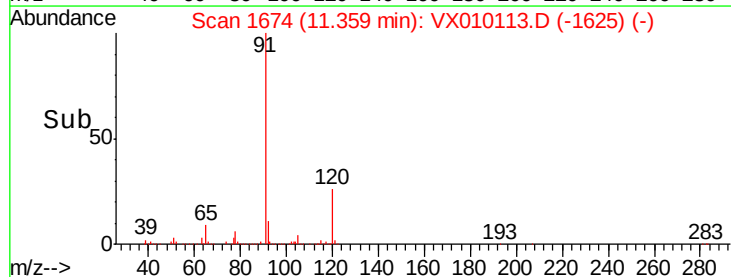
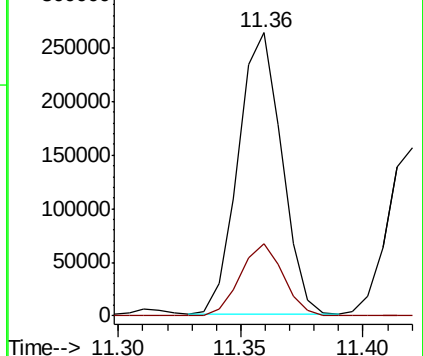
91 100

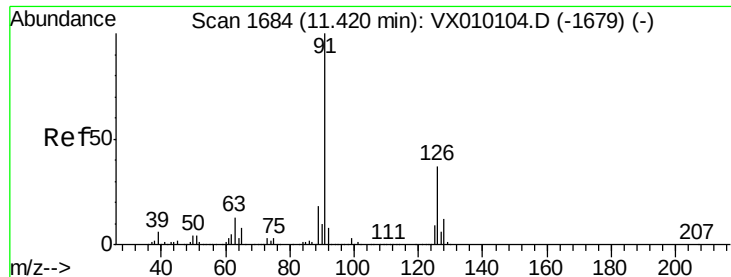
120 25.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.034 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

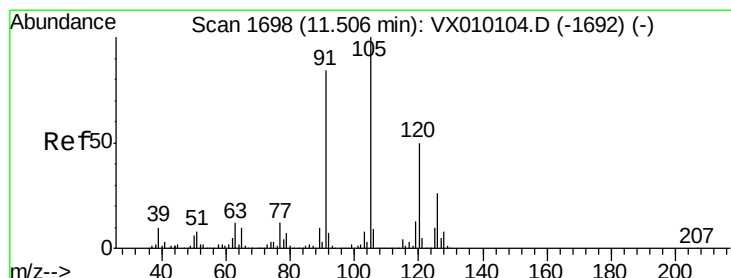
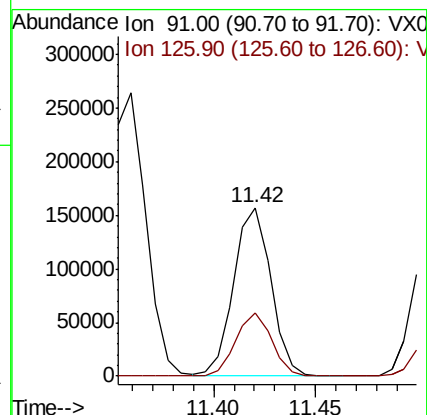
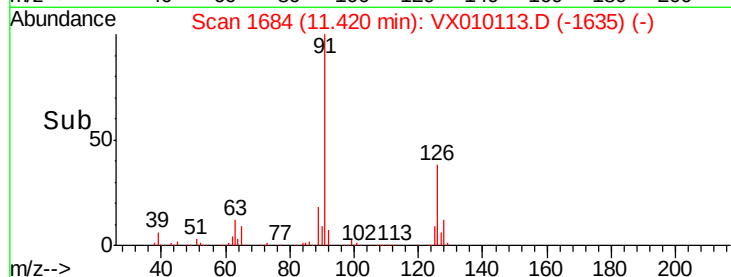
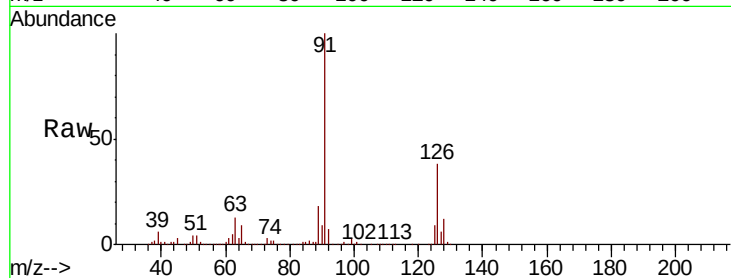
VX0607MBS01

Tot Ion: 91 Resp: 196441

Ion Ratio Lower Upper

91 100

126 37.1 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 20.197 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010113.D

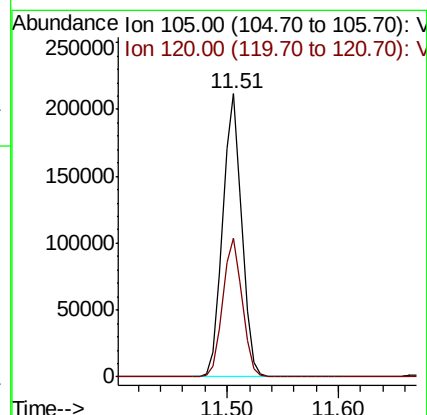
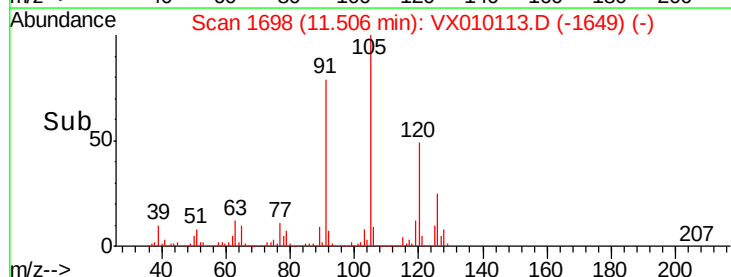
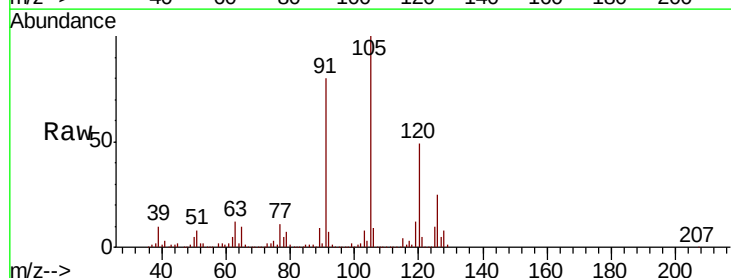
Acq: 07 Jun 2019 17:03

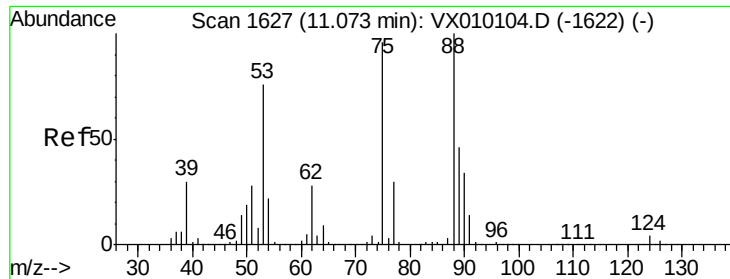
Tgt Ion: 105 Resp: 249458

Ion Ratio Lower Upper

105 100

120 49.9 24.1 72.3

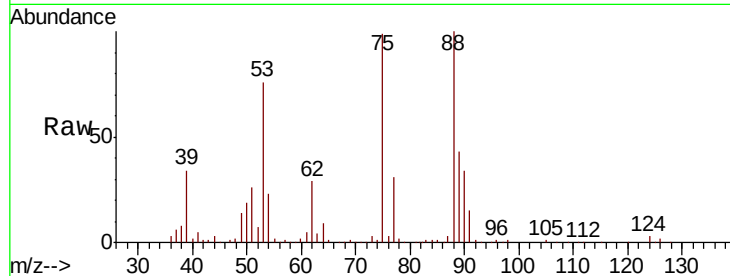




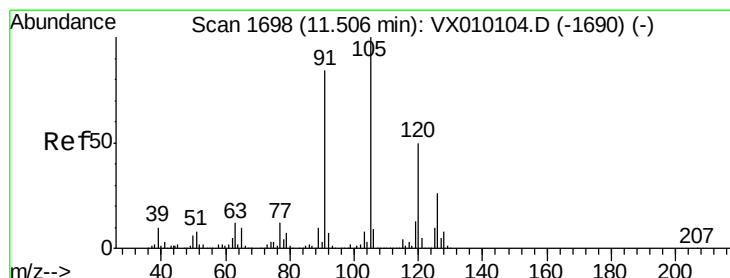
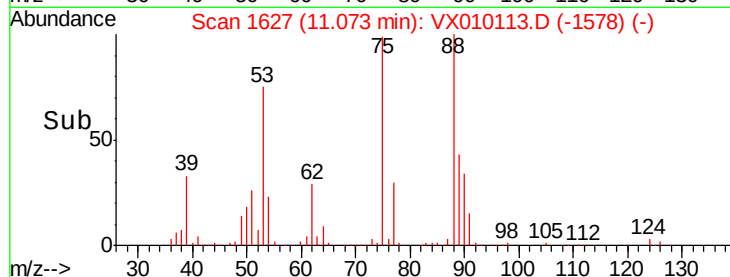
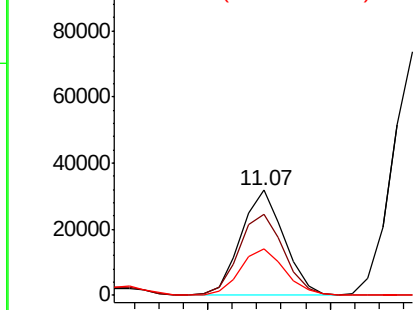
#81
trans-1,4-Dichloro-2-butene
Concen: 20.384 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Instrument :
MSVOA_X
ClientSampled :
VX0607MBS01

Tot Ion: 75 Resp: 38767
Ion Ratio Lower Upper
75 100
53 79.8 79.8 119.6
89 45.6 34.2 51.4

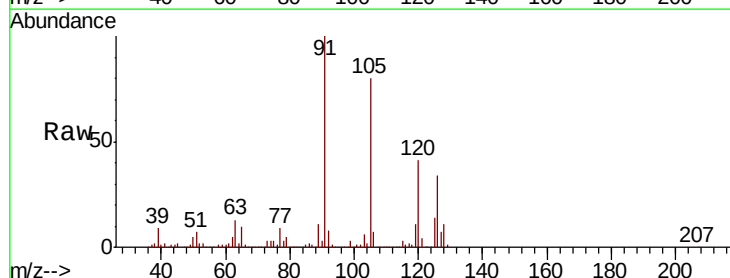


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

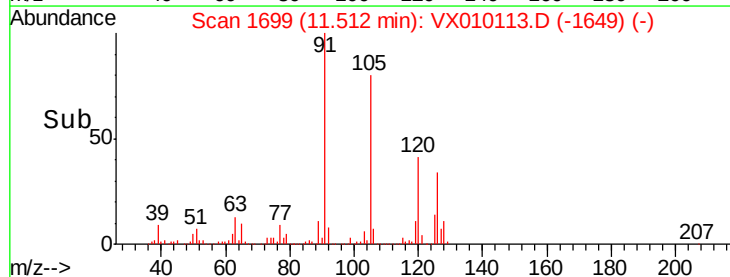
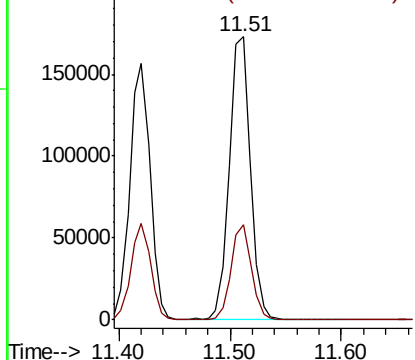


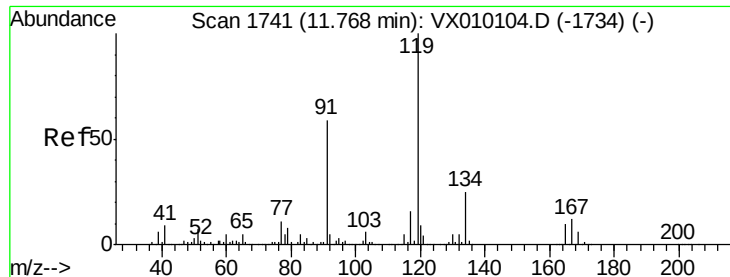
#82
4-Chlorotoluene
Concen: 20.347 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Tgt Ion: 91 Resp: 226637
Ion Ratio Lower Upper
91 100
126 32.3 14.2 42.6



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

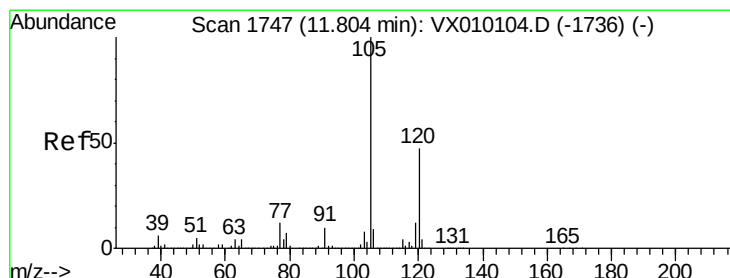
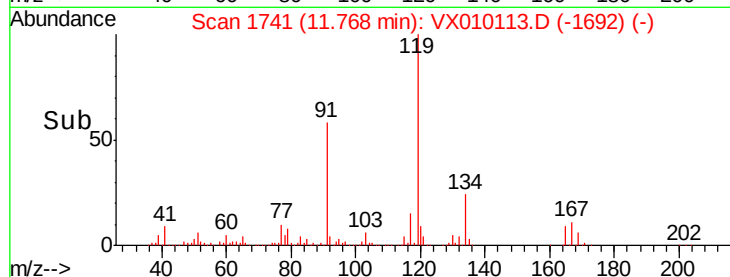
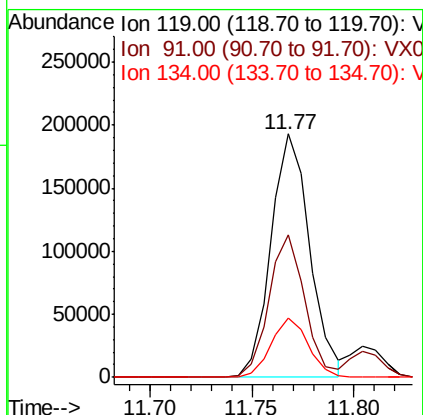
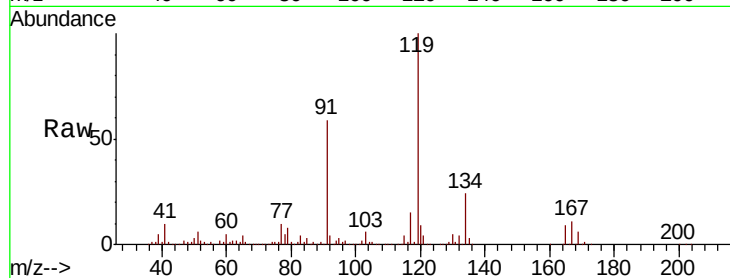




#83
 tert-Butylbenzene
 Concen: 20.463 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

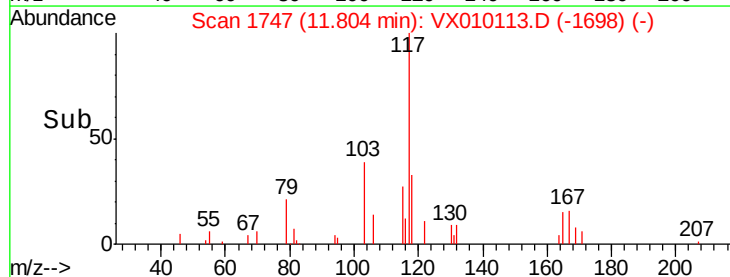
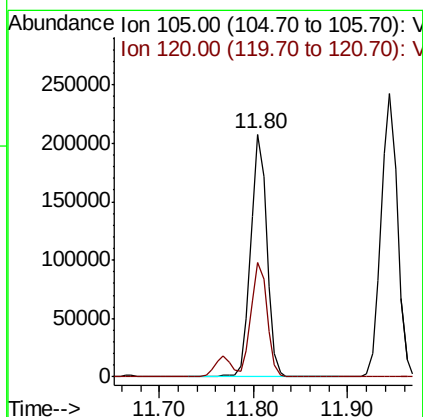
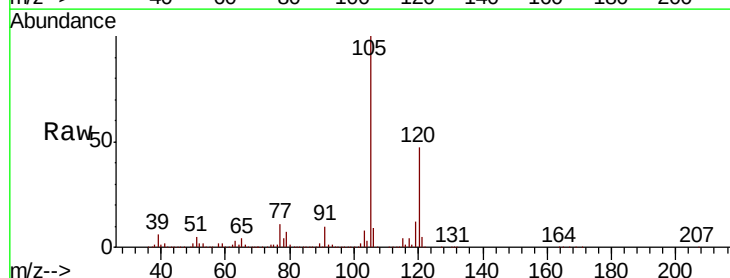
Instrument :
 MSVOA_X
 ClientSampled :
 VX0607MBS01

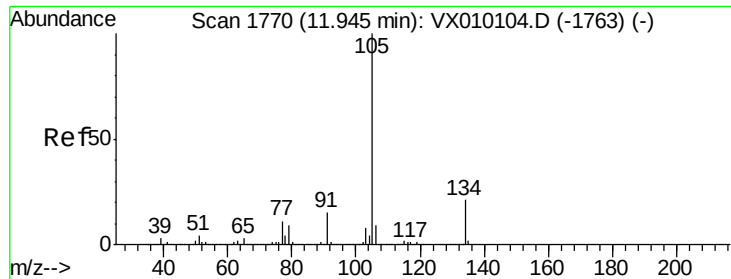
Tot Ion:119 Resp: 255820
 Ion Ratio Lower Upper
 119 100
 91 54.1 30.0 90.0
 134 23.2 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.041 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

Tgt Ion:105 Resp: 250033
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 20.166 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

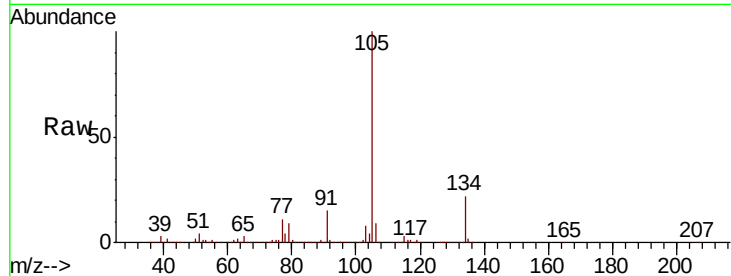
VX0607MBS01

Tot Ion:105 Resp: 293716

Ion Ratio Lower Upper

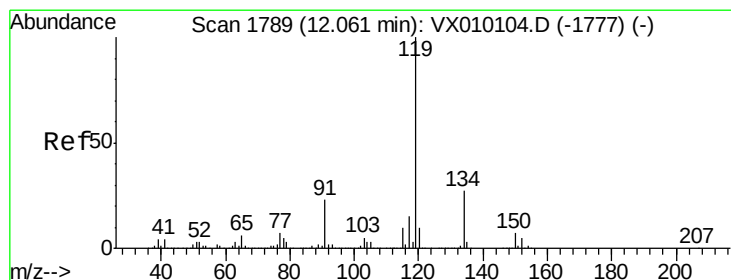
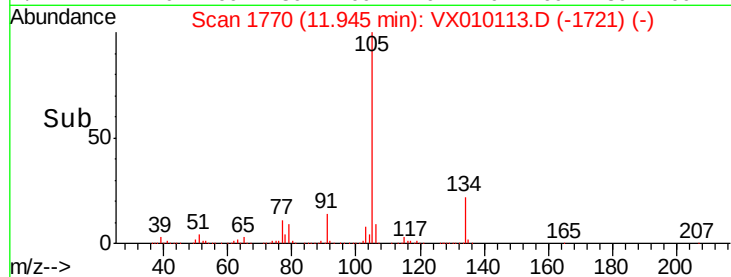
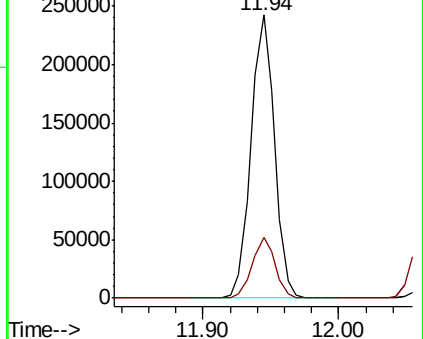
105 100

134 21.1 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.064 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

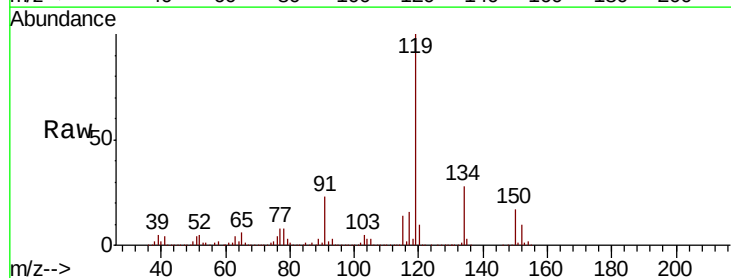
Tgt Ion:119 Resp: 267155

Ion Ratio Lower Upper

119 100

134 27.8 12.9 38.6

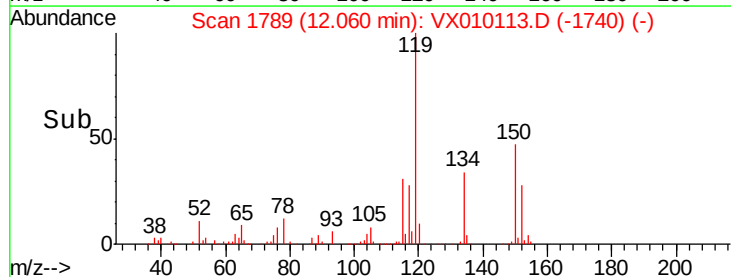
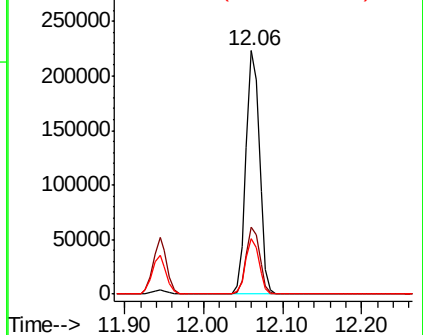
91 22.7 11.9 35.9

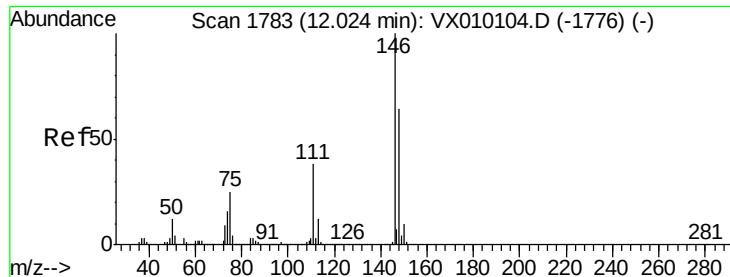


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.013 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

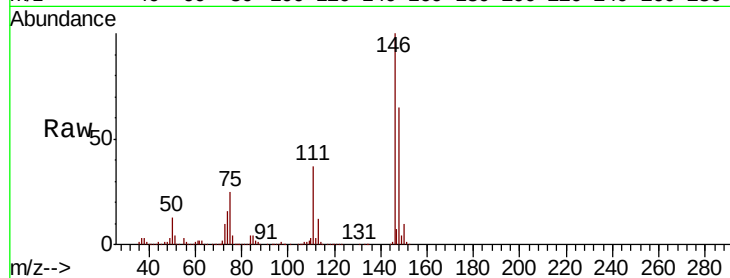
Tot Ion:146 Resp: 142161

Ion Ratio Lower Upper

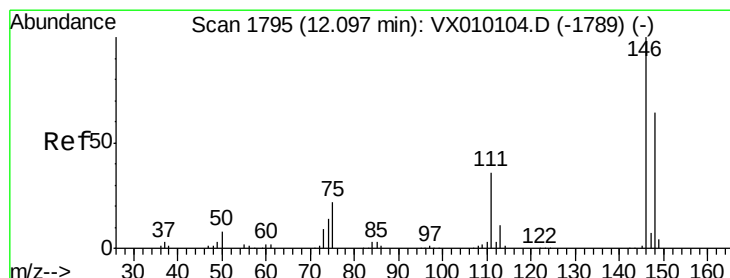
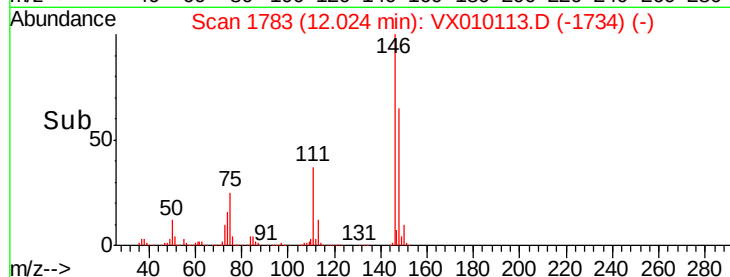
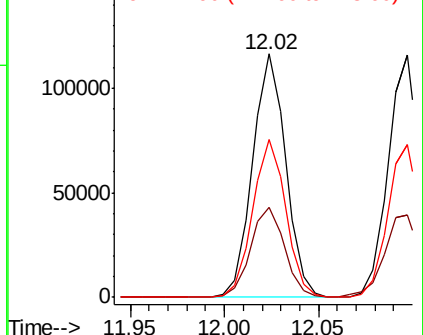
146 100

111 37.9 20.1 60.2

148 64.7 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 19.624 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

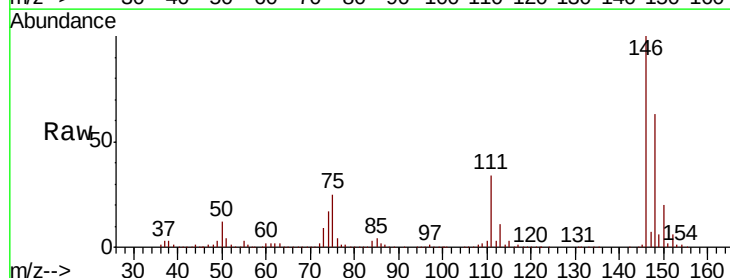
Tgt Ion:146 Resp: 140517

Ion Ratio Lower Upper

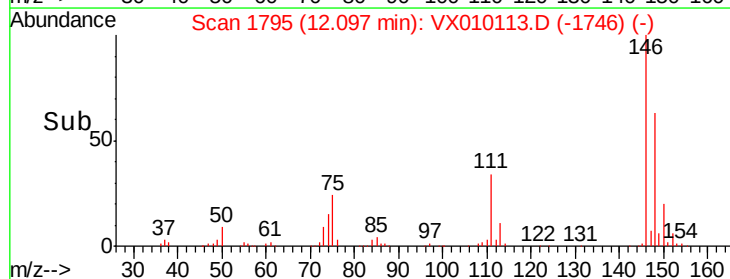
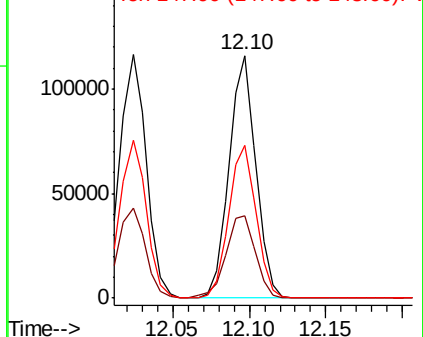
146 100

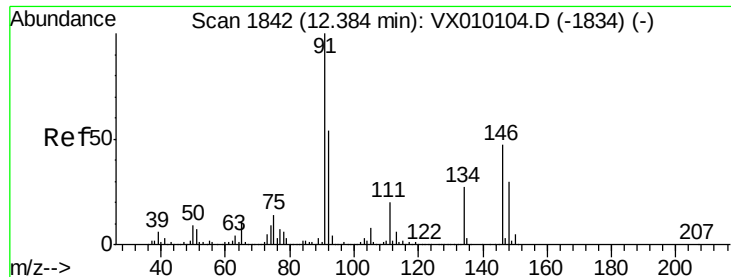
111 37.5 20.0 59.9

148 64.5 32.3 96.9



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





#89

n-Butylbenzene

Concen: 19.877 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010113.D

Acq: 07 Jun 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

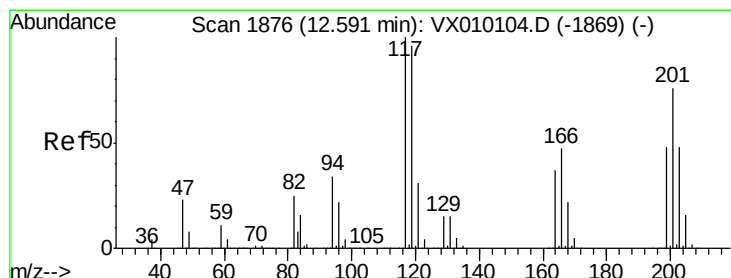
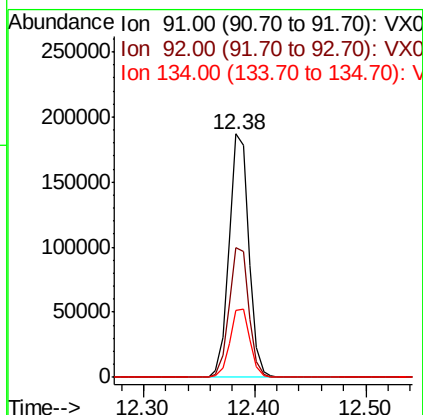
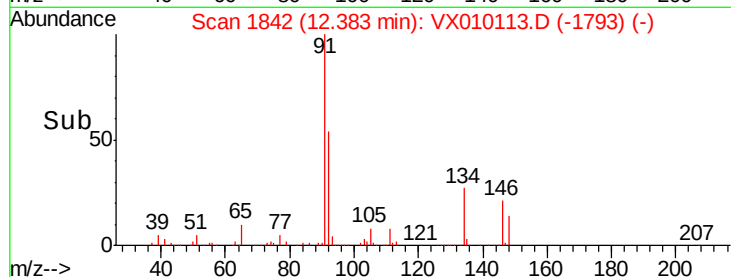
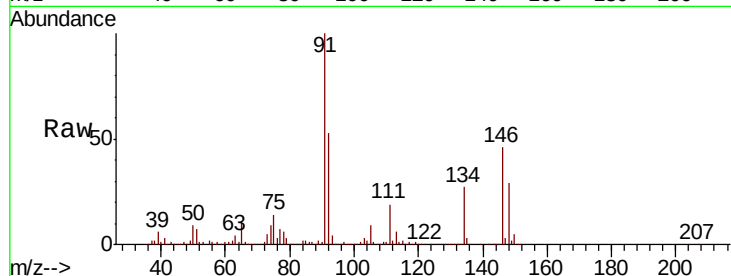
Tot Ion: 91 Resp: 227821

Ion Ratio Lower Upper

91 100

92 53.5 26.3 78.8

134 28.3 12.3 36.8



#90

Hexachloroethane

Concen: 19.546 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX010113.D

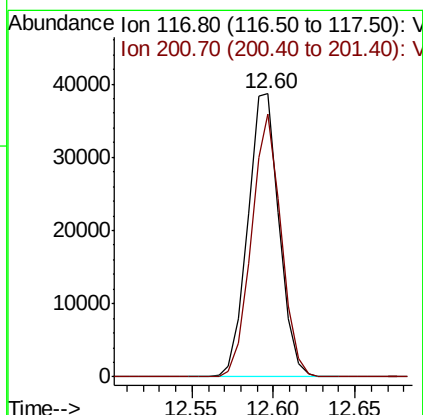
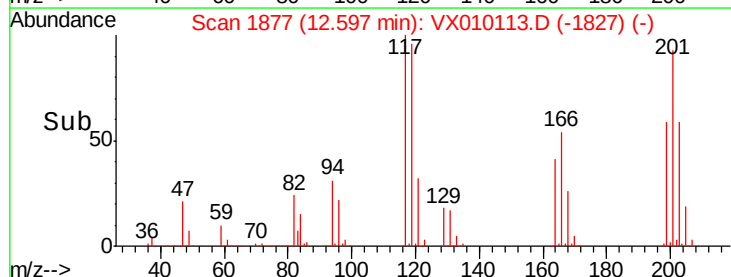
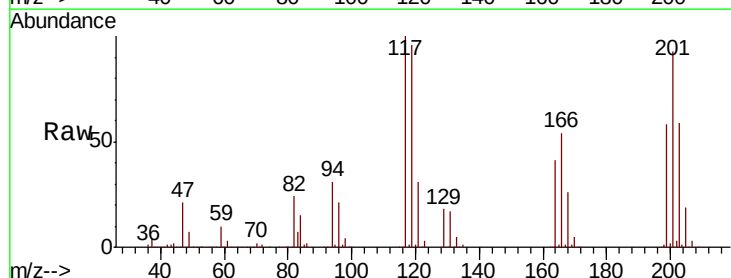
Acq: 07 Jun 2019 17:03

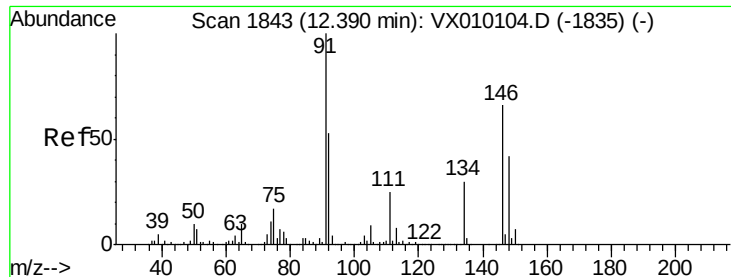
Tgt Ion: 117 Resp: 51842

Ion Ratio Lower Upper

117 100

201 87.2 43.6 130.9

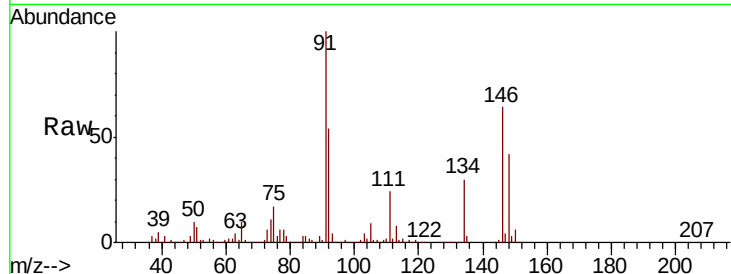




#91
 1,2-Dichlorobenzene
 Concen: 20.583 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	21.1	63.1
148	63.7	32.3	96.8

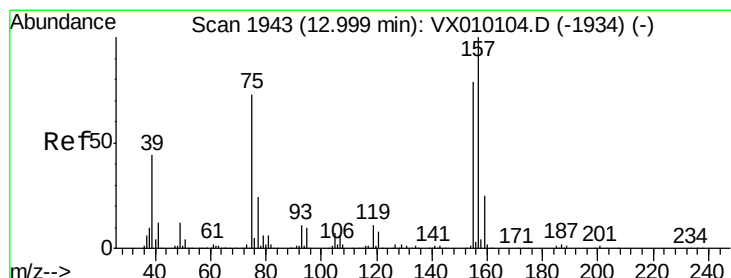
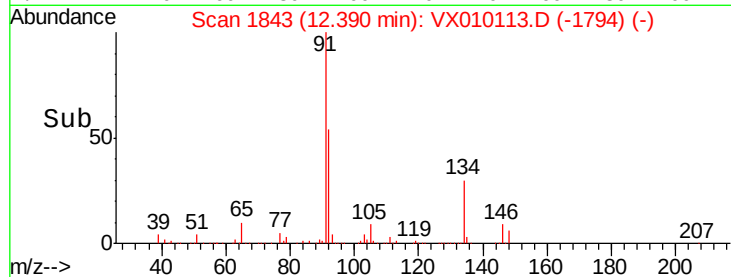
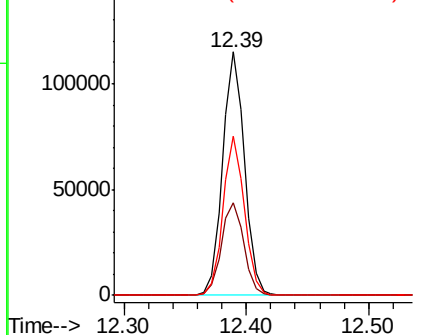


Abundance

Ion 145.90 (145.60 to 146.60): V

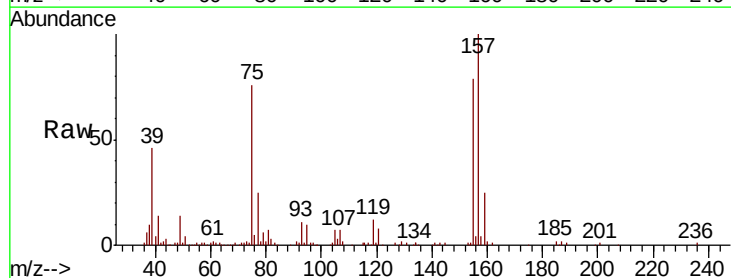
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.156 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.7	39.3	117.8
157	132.4	50.6	151.8

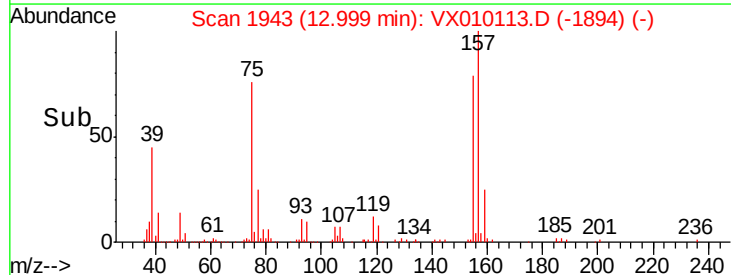
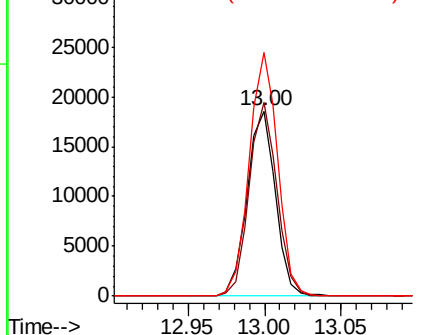


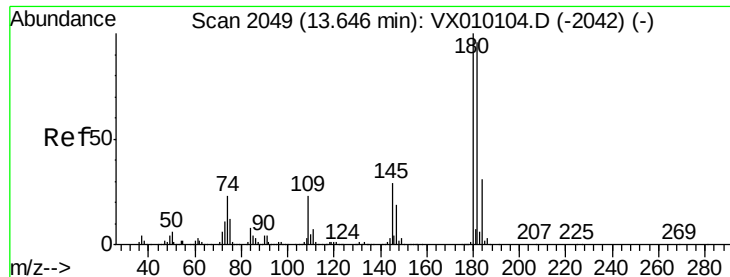
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

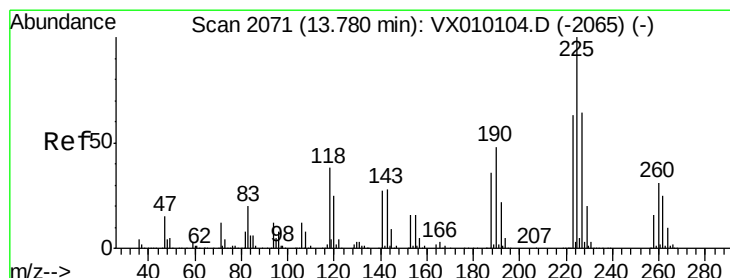
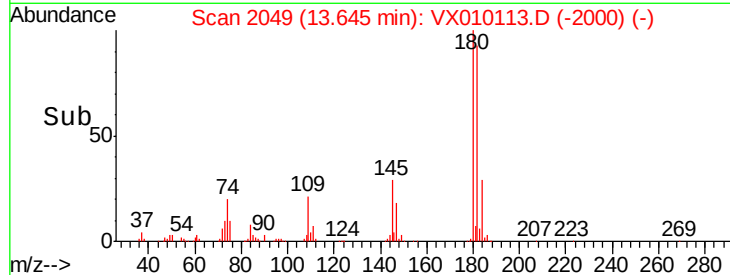
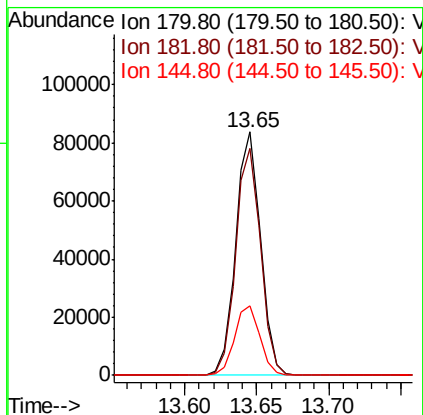
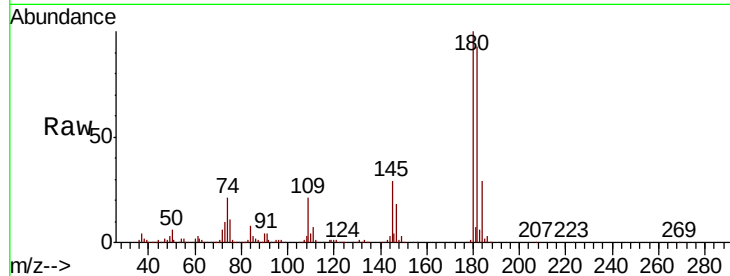




#93
 1,2,4-Trichlorobenzene
 Concen: 19.947 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

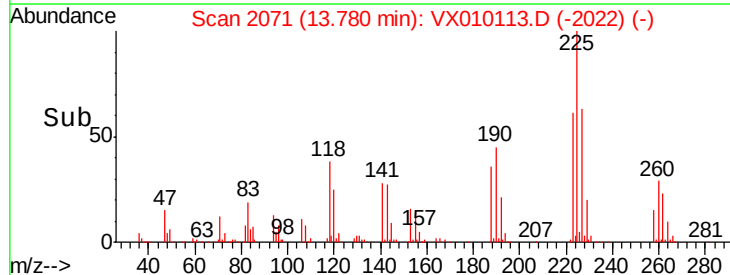
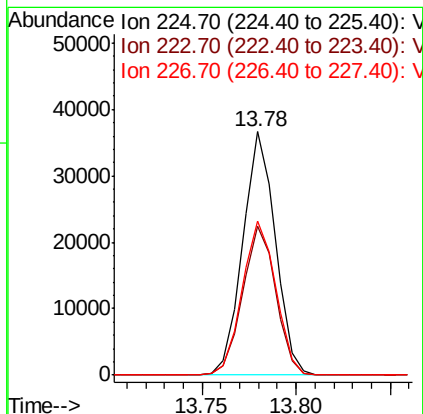
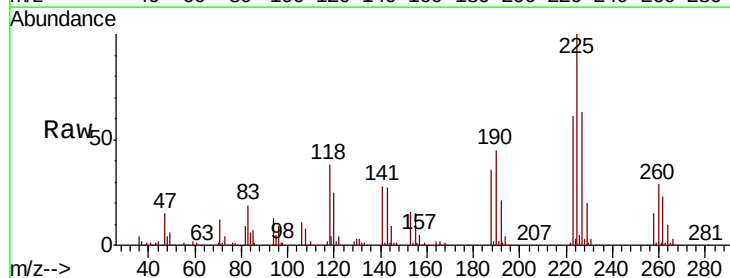
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

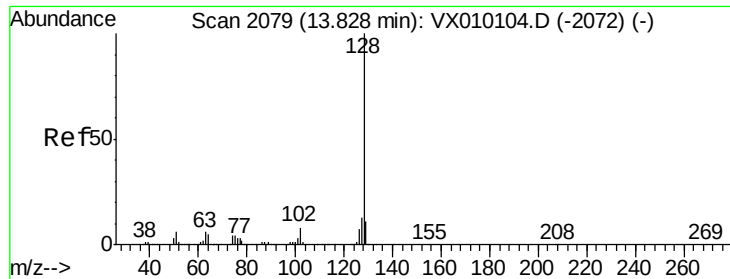
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.4	142.2
145	29.2	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 19.528 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010113.D
 Acq: 07 Jun 2019 17:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.3	93.8
227	65.1	32.3	96.8

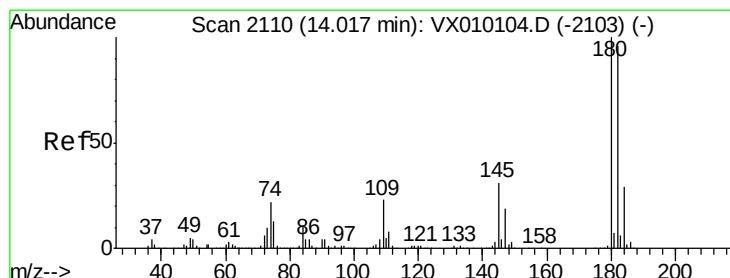
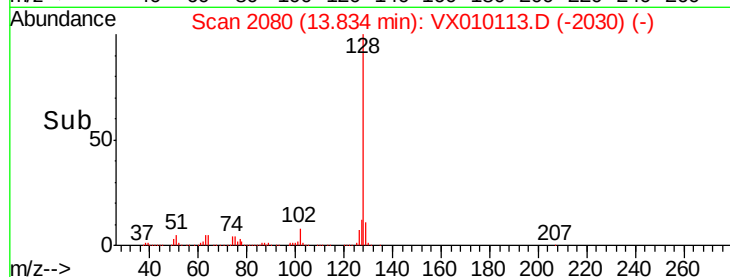
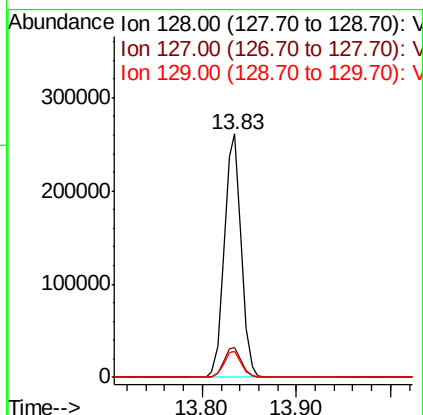
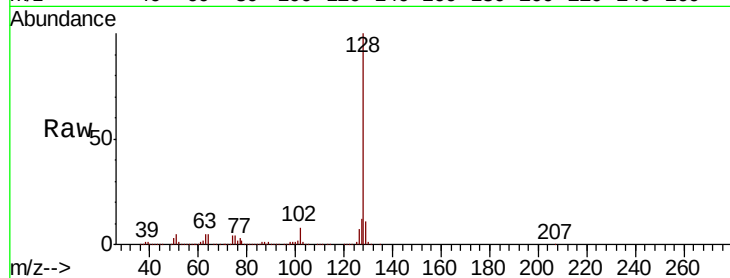




#95
Naphthalene
Concen: 20.226 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.449 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010113.D
Acq: 07 Jun 2019 17:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.3	142.0
145	32.4	15.6	46.7

