

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010112.D
 Acq On : 07 Jun 2019 16:40
 Operator : JC/SP
 Sample : VX0607WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS01

Quant Time: Jun 08 02:20:10 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	5.67	168	305451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	466267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	421137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210699	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	152545	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
35) Dibromofluoromethane	5.49	113	148000	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	8.71	98	559584	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.13	95	208433	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61214	21.780	ug/l	100
3) Chloromethane	1.33	50	57653	20.655	ug/l	97
4) Vinyl Chloride	1.41	62	54691	20.848	ug/l	100
5) Bromomethane	1.64	94	25020	25.274	ug/l	96
6) Chloroethane	1.72	64	33182	25.088	ug/l	99
7) Trichlorofluoromethane	1.93	101	82121	21.074	ug/l	99
8) Diethyl Ether	2.19	74	28291	21.064	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.38	101	53917	20.072	ug/l	91
10) Methyl Iodide	2.51	142	82864	19.910	ug/l	96
11) Tert butyl alcohol	3.04	59	86392	118.281	ug/l	97
12) 1,1-Dichloroethene	2.37	96	54310	19.795	ug/l #	79
13) Acrolein	2.29	56	16764	125.874	ug/l	91
14) Allyl chloride	2.73	41	81441	19.665	ug/l #	88
15) Acrylonitrile	3.14	53	152979	102.470	ug/l	97
16) Acetone	2.44	43	135934	96.933	ug/l	89
17) Carbon Disulfide	2.57	76	153420	19.353	ug/l	98
18) Methyl Acetate	2.78	43	62060	20.123	ug/l #	81
19) Methyl tert-butyl Ether	3.20	73	176474	20.021	ug/l	92
20) Methylene Chloride	2.85	84	60987	19.802	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	58997	19.431	ug/l #	79
22) Diisopropyl ether	3.85	45	160314	20.247	ug/l #	92
23) Vinyl Acetate	3.81	43	728808	103.175	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	94277	19.610	ug/l #	94
25) 2-Butanone	4.67	43	215919	103.399	ug/l #	80
26) 2,2-Dichloropropane	4.58	77	86204	19.655	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	68517	20.285	ug/l	79
28) Bromochloromethane	5.02	49	39239	18.212	ug/l #	48
29) Tetrahydrofuran	5.13	42	134433	102.437	ug/l #	74
30) Chloroform	5.21	83	99827	19.994	ug/l	99
31) Cyclohexane	5.58	56	88351	20.363	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	91374	19.467	ug/l	94
36) 1,1-Dichloropropene	5.80	75	74221	19.511	ug/l	92
37) Ethyl Acetate	4.84	43	78864	19.925	ug/l #	89
38) Carbon Tetrachloride	5.79	117	83951	19.498	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101060	19.510	ug/l #	84
40) Benzene	6.14	78	236441	20.101	ug/l	99
41) Methacrylonitrile	5.04	41	42567	19.882	ug/l #	84
42) 1,2-Dichloroethane	6.20	62	73491	19.570	ug/l	94
43) Isopropyl Acetate	6.45	43	131318	19.843	ug/l #	88
44) Trichloroethene	7.21	130	69444	19.586	ug/l	87
45) 1,2-Dichloropropane	7.51	63	59105	20.076	ug/l	99
46) Dibromomethane	7.66	93	41996	19.040	ug/l	90
47) Bromodichloromethane	7.90	83	82673	20.059	ug/l	100
48) Methyl methacrylate	7.77	41	63098	20.388	ug/l #	78
49) 1,4-Dioxane	7.74	88	36403	412.547	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	415977	105.220	ug/l	89
52) Toluene	8.78	92	154265	19.951	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	92335	19.369	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	98308	19.236	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	64271	20.296	ug/l	96
56) Ethyl methacrylate	9.18	69	99706	19.932	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	99401	19.938	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	230851	97.894	ug/l #	87
59) 2-Hexanone	9.49	43	329158	104.425	ug/l	87
60) Dibromochloromethane	9.58	129	73787	19.699	ug/l	98
61) 1,2-Dibromoethane	9.67	107	68978	19.558	ug/l	99
64) Tetrachloroethene	9.34	164	60647	19.389	ug/l	98
65) Chlorobenzene	10.13	112	172717	19.871	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	65889	19.712	ug/l	98
67) Ethyl Benzene	10.25	91	296535	20.041	ug/l	94
68) m/p-Xylenes	10.36	106	228732	39.947	ug/l	91
69) o-Xylene	10.69	106	113243	19.896	ug/l	89
70) Styrene	10.71	104	192330	19.951	ug/l	95
71) Bromoform	10.85	173	61630	20.056	ug/l #	97
73) Isopropylbenzene	11.02	105	296462	20.156	ug/l	95
74) N-amyl acetate	10.90	43	118699	20.416	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	101379	20.136	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	116536	27.652	ug/l	83
77) Bromobenzene	11.26	156	79761	19.720	ug/l	84
78) n-propylbenzene	11.36	91	324405	19.812	ug/l	93
79) 2-Chlorotoluene	11.42	91	194770	19.805	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	248269	20.041	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	38330	20.095	ug/l #	83
82) 4-Chlorotoluene	11.51	91	223788	20.032	ug/l	92
83) tert-Butylbenzene	11.77	119	250582	19.985	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	249757	19.959	ug/l	96
85) sec-Butylbenzene	11.94	105	289841	19.841	ug/l	96
86) p-Isopropyltoluene	12.06	119	266627	19.965	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	139981	19.648	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	139195	19.382	ug/l	99
89) n-Butylbenzene	12.38	91	226594	19.712	ug/l	97
90) Hexachloroethane	12.59	117	51093	19.206	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	141170	20.382	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22925	19.350	ug/l	67

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

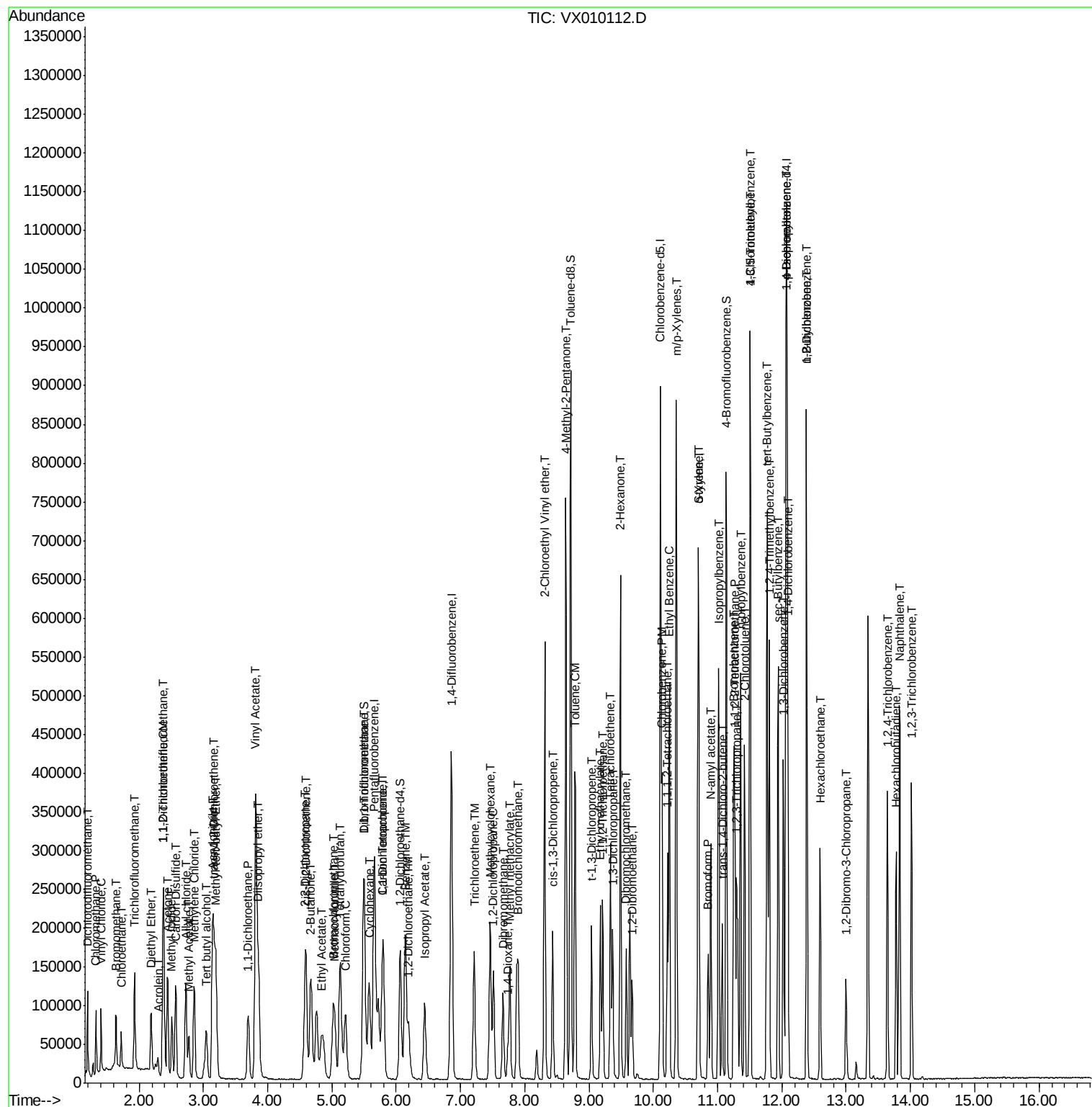
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97124	19.157	ug/l	100
94) Hexachlorobutadiene	13.78	225	43787	19.420	ug/l	99
95) Naphthalene	13.83	128	318130	19.933	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	97866	19.523	ug/l	100

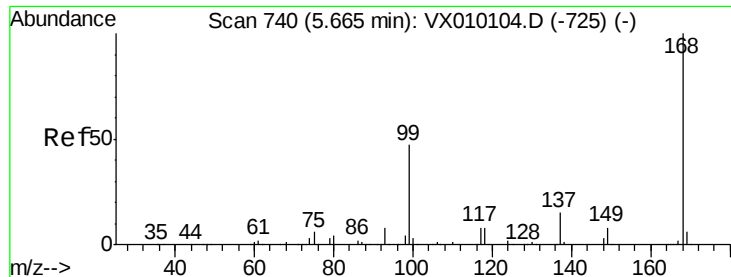
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060719\
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Acq On : 07 Jun 2019 16:40
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

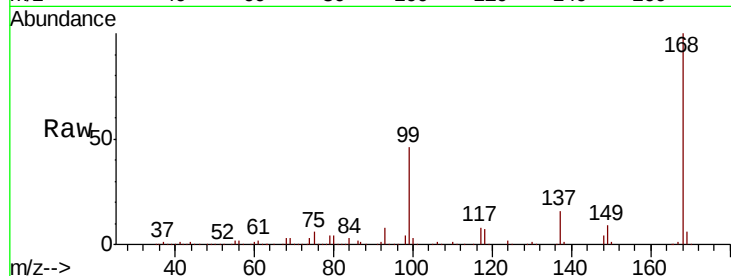
VX0607WBS01

Tot Ion:168 Resp: 305451

Ion Ratio Lower Upper

168 100

99 45.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

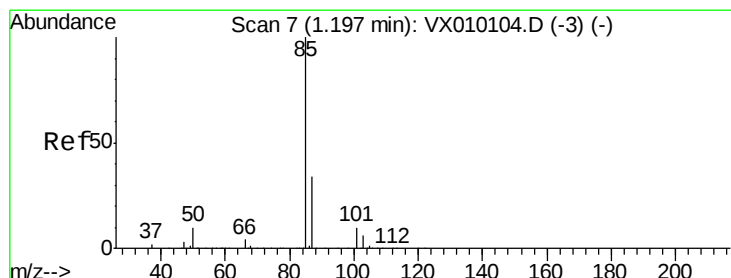
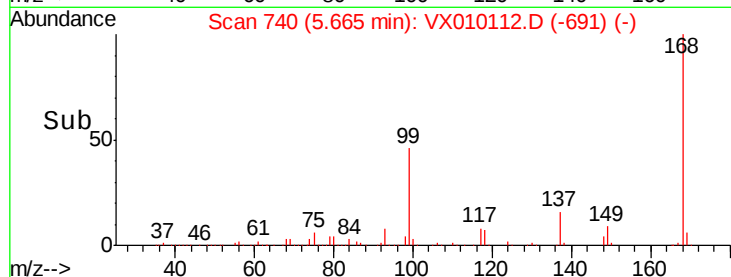
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.780 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010112.D

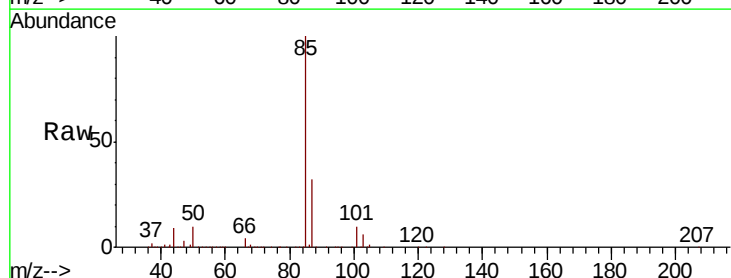
Acq: 07 Jun 2019 16:40

Tgt Ion: 85 Resp: 61214

Ion Ratio Lower Upper

85 100

87 32.4 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

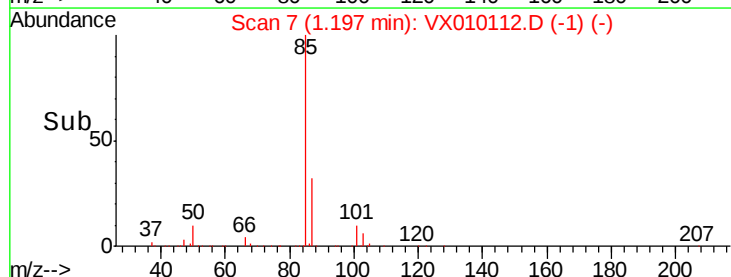
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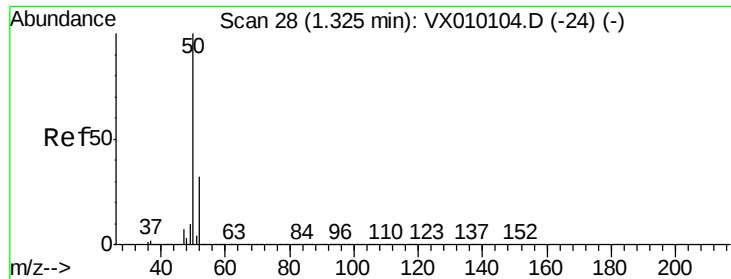
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.655 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

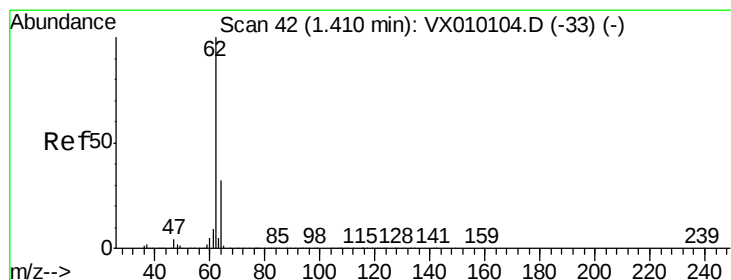
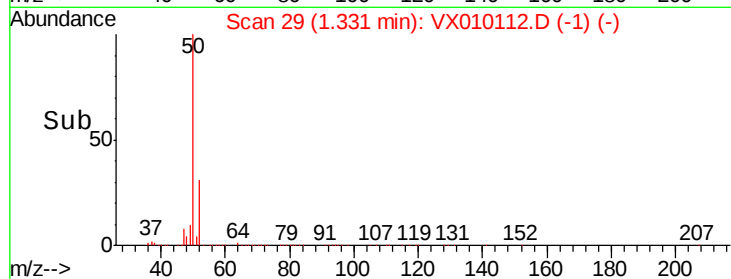
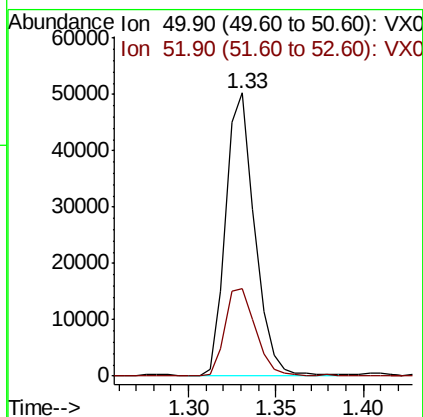
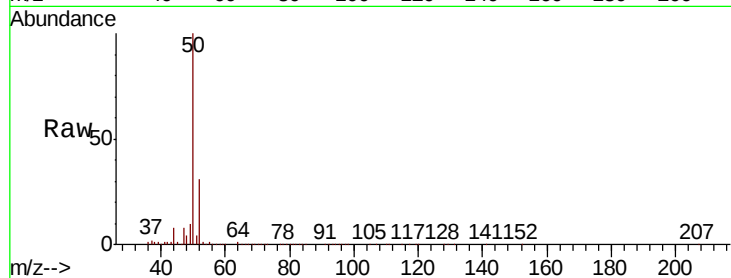
VX0607WBS01

Tot Ion: 50 Resp: 57653

Ion Ratio Lower Upper

50 100

52 31.0 26.0 39.0



#4

Vinyl Chloride

Concen: 20.848 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010112.D

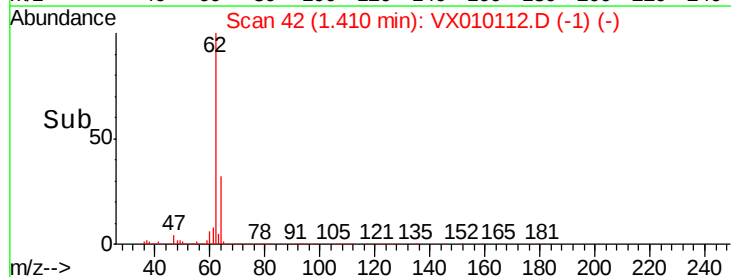
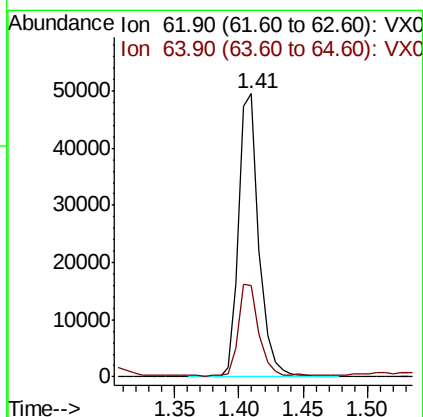
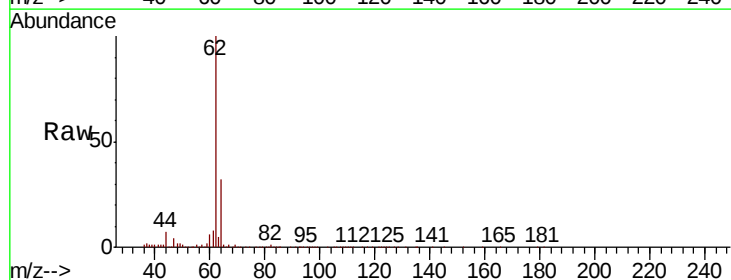
Acq: 07 Jun 2019 16:40

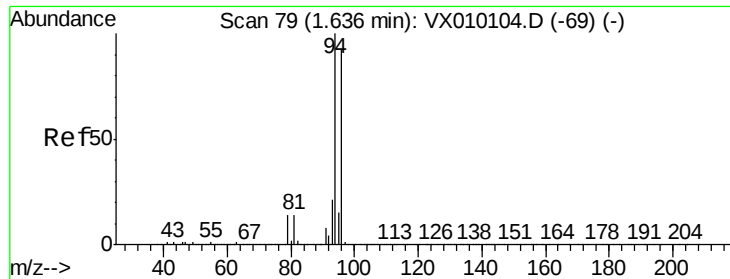
Tgt Ion: 62 Resp: 54691

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 25.274 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

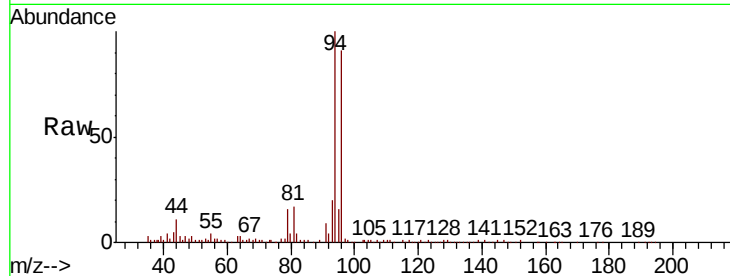
VX0607WBS01

Tot Ion: 94 Resp: 25020

Ion Ratio Lower Upper

94 100

96 90.9 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

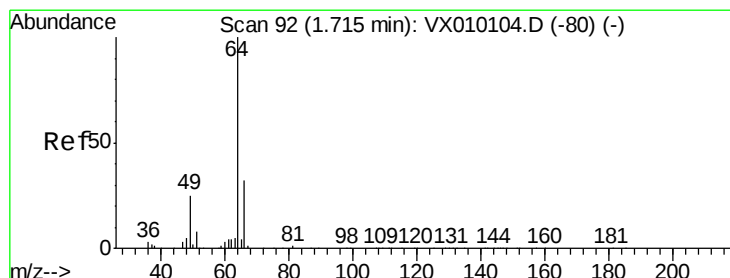
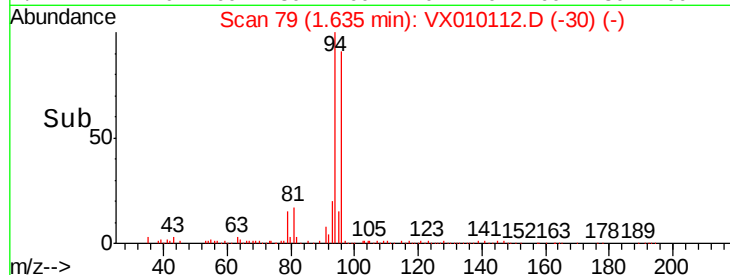
10000

5000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 25.088 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010112.D

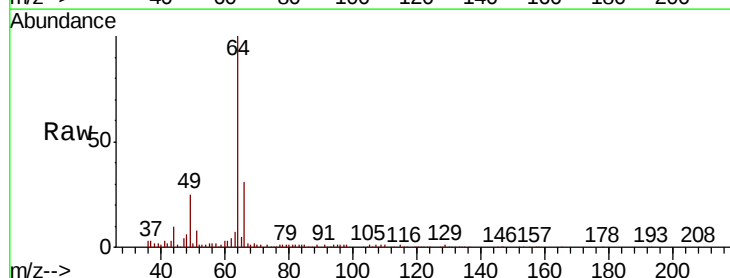
Acq: 07 Jun 2019 16:40

Tgt Ion: 64 Resp: 33182

Ion Ratio Lower Upper

64 100

66 31.0 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

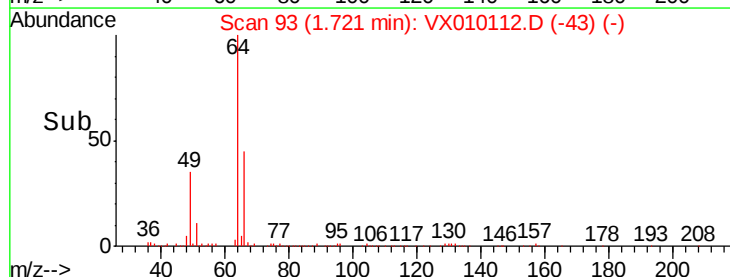
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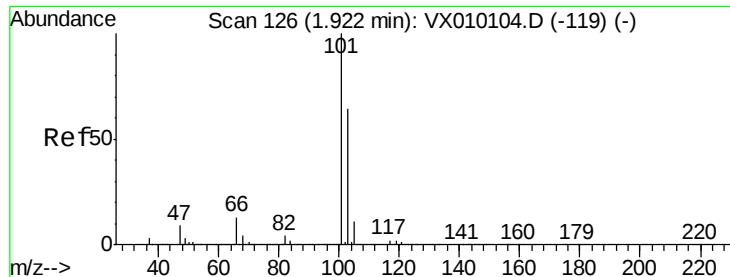
5000

0

Time-->

1.60 1.70 1.80



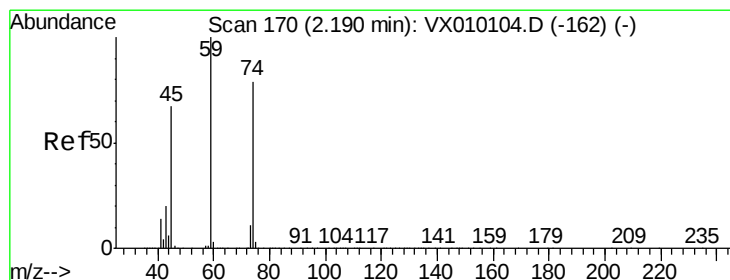
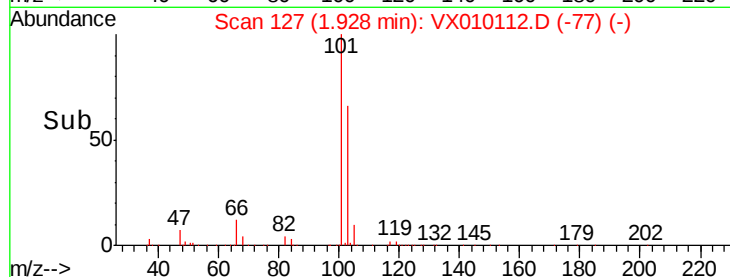
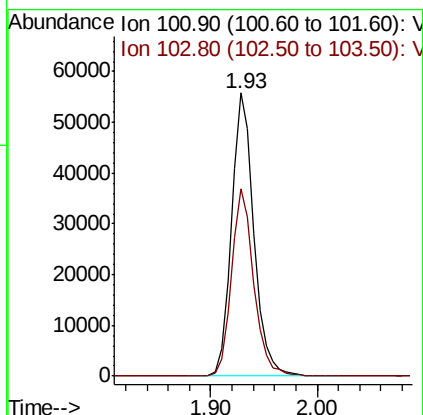
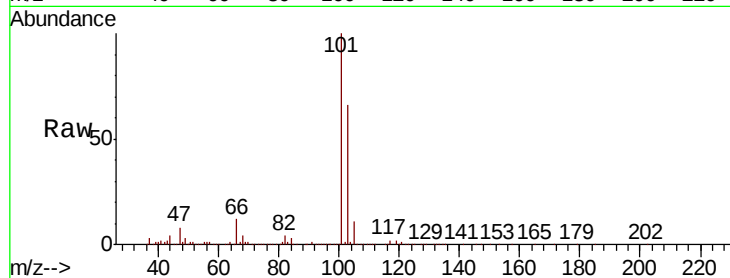


#7

Trichlorofluoromethane
 Concen: 21.074 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX010112.D
 Acq: 07 Jun 2019 16:40

Instrument :
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 VX0607WBS01

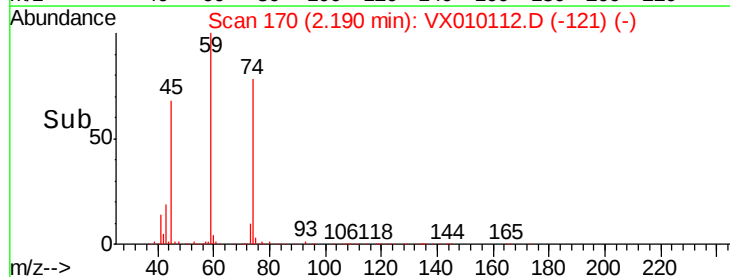
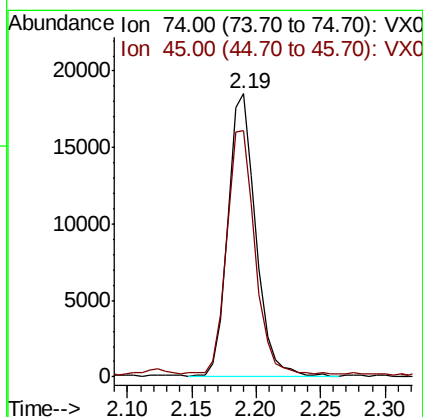
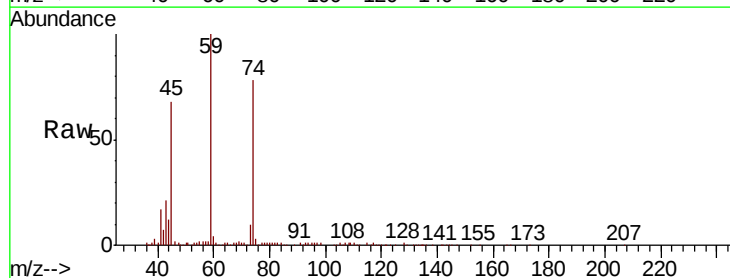
Tot Ion:101 Resp: 82121
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.2 78.4

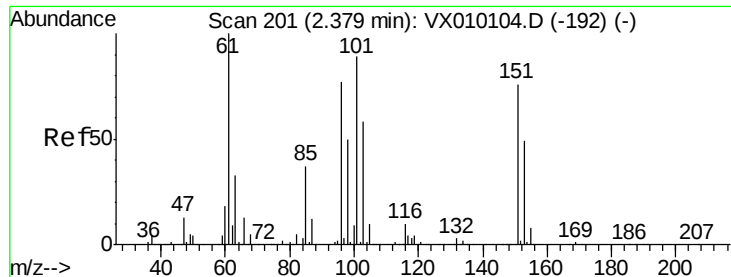


#8

Diethyl Ether
 Concen: 21.064 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010112.D
 Acq: 07 Jun 2019 16:40

Tgt Ion: 74 Resp: 28291
 Ion Ratio Lower Upper
 74 100
 45 86.8 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.072 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

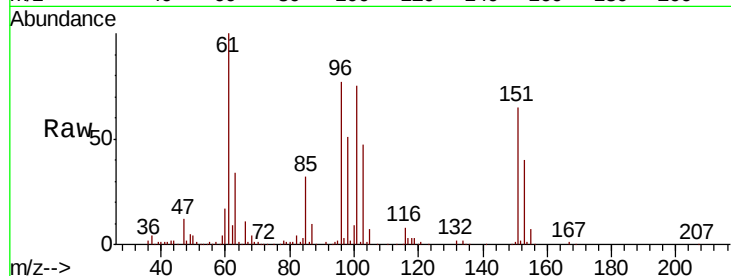
Tot Ion:101 Resp: 53917

Ion Ratio Lower Upper

101 100

85 41.8 35.2 52.8

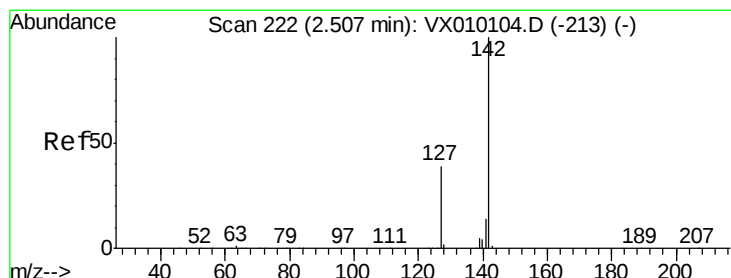
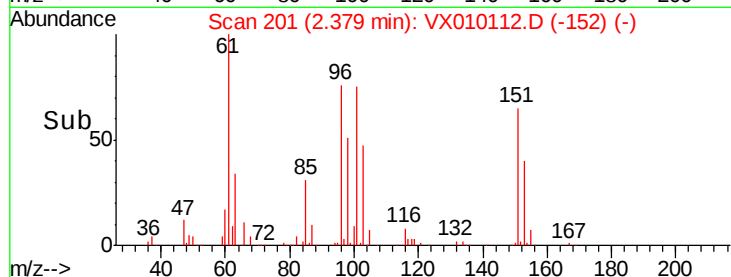
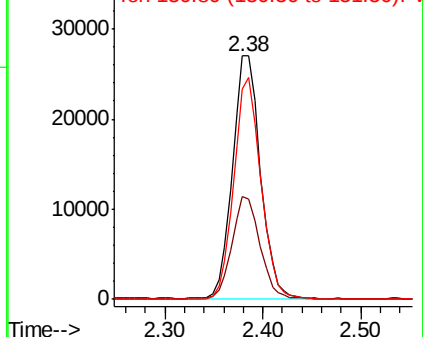
151 87.8 61.9 92.9



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: 19.910 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

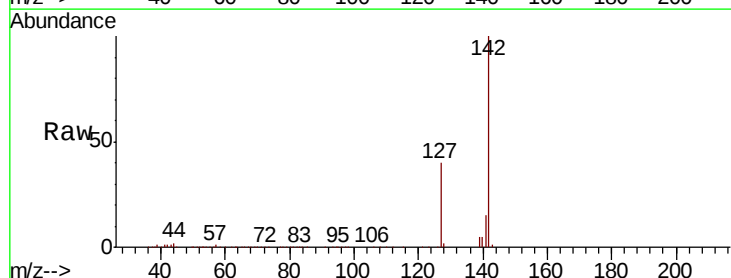
Tgt Ion:142 Resp: 82864

Ion Ratio Lower Upper

142 100

127 38.2 33.0 49.4

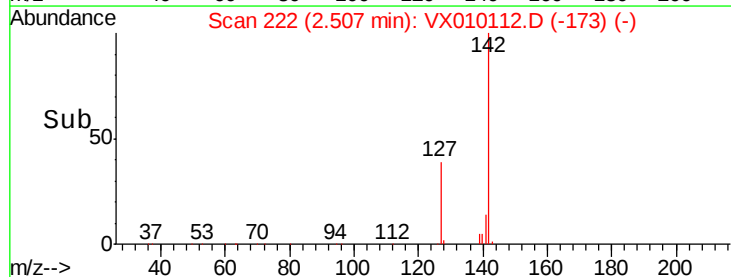
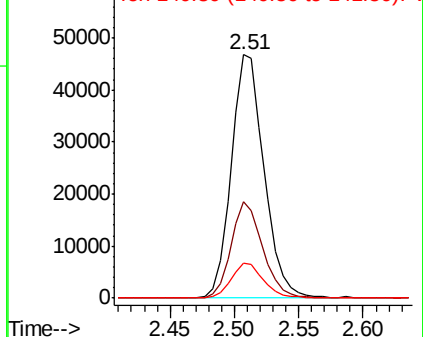
141 14.2 11.4 17.0

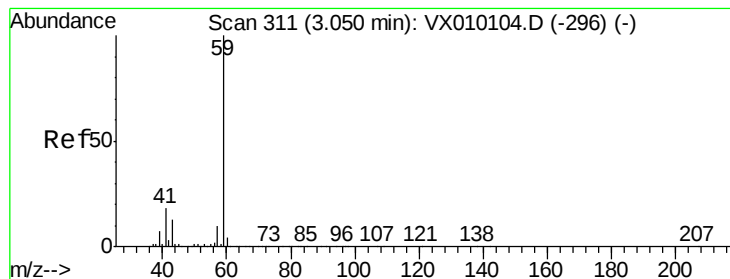


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



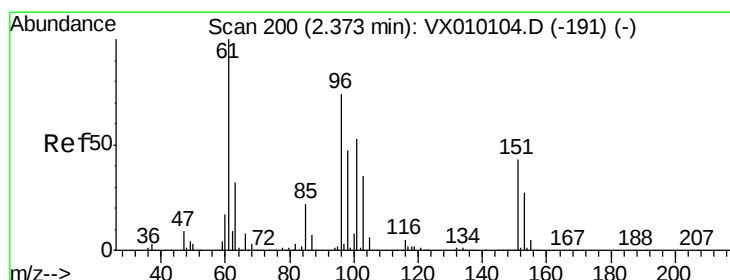
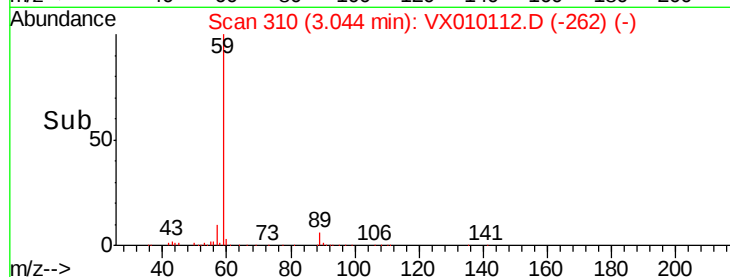
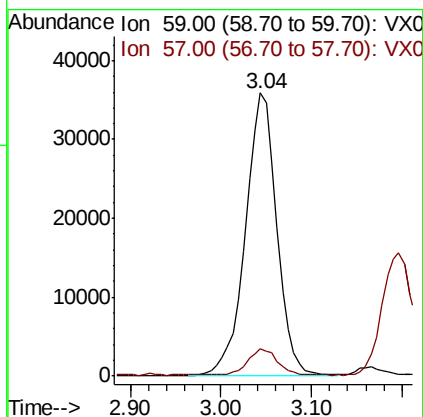
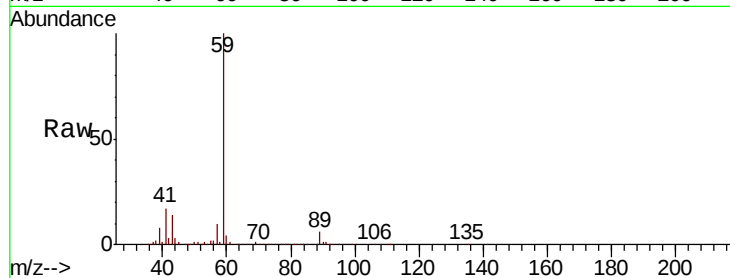


#11

Tert butyl alcohol
Concen: 118.281 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

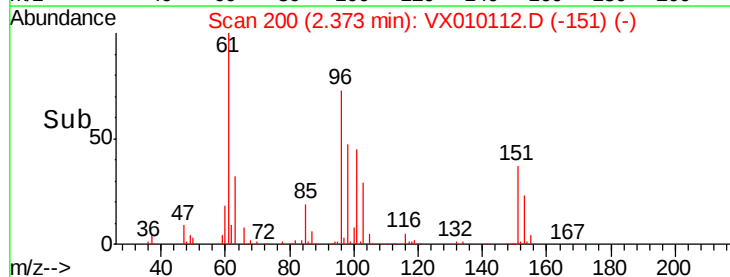
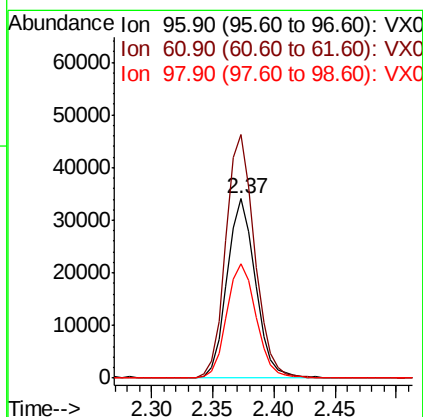
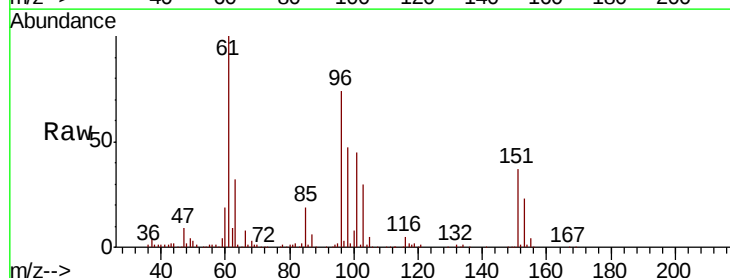
Tot Ion: 59 Resp: 86392
Ion Ratio Lower Upper
59 100
57 9.0 8.2 12.2

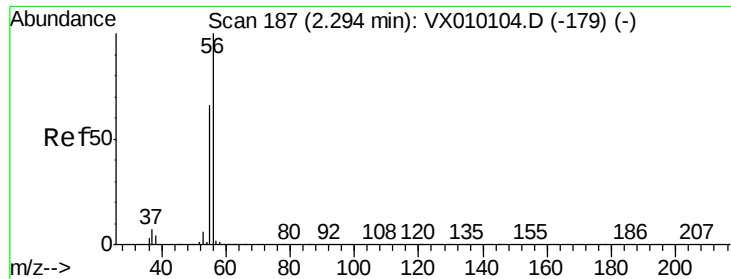


#12

1,1-Dichloroethene
Concen: 19.795 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion: 96 Resp: 54310
Ion Ratio Lower Upper
96 100
61 135.9 140.7 211.1#
98 63.8 50.1 75.1





#13

Acrolein

Concen: 125.874 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

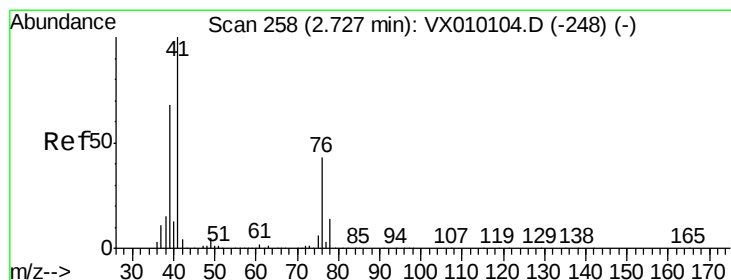
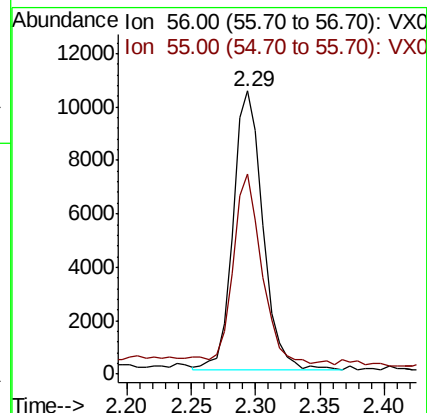
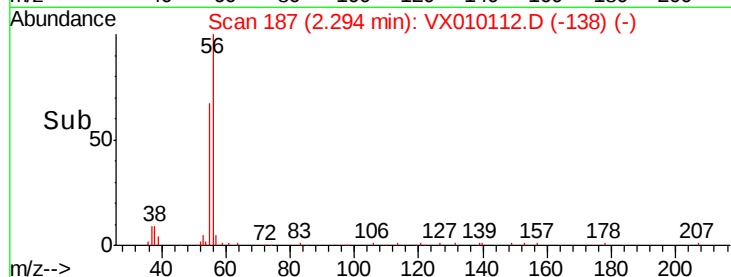
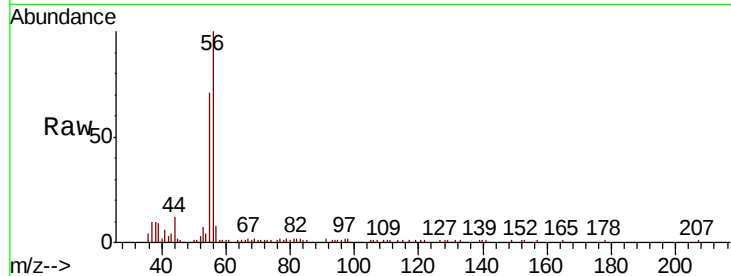
VX0607WBS01

Tot Ion: 56 Resp: 16764

Ion Ratio Lower Upper

56 100

55 63.7 57.0 85.4



#14

Allyl chloride

Concen: 19.665 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

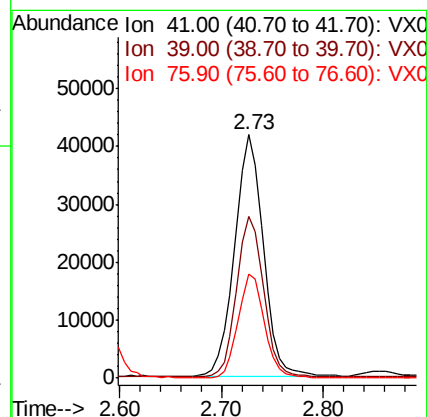
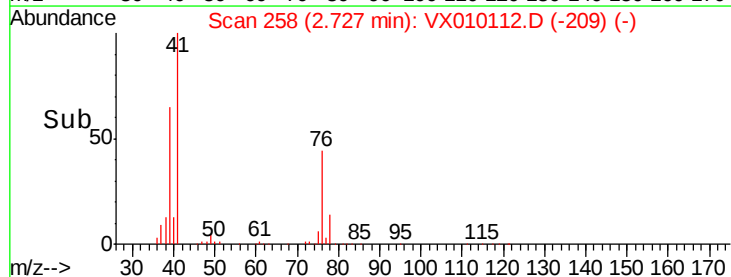
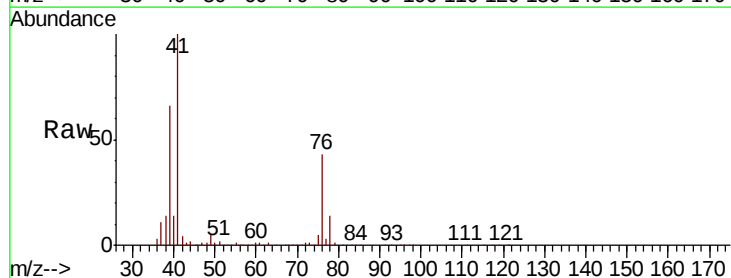
Tgt Ion: 41 Resp: 81441

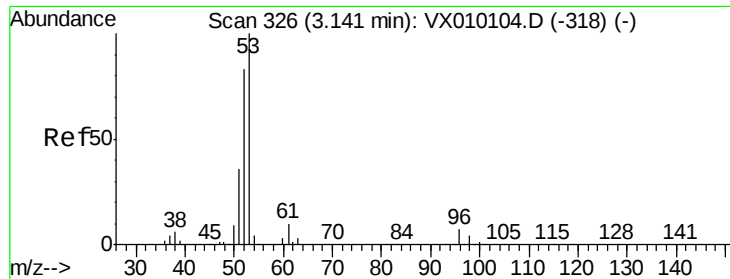
Ion Ratio Lower Upper

41 100

39 62.4 46.7 70.1

76 39.5 21.0 31.4#



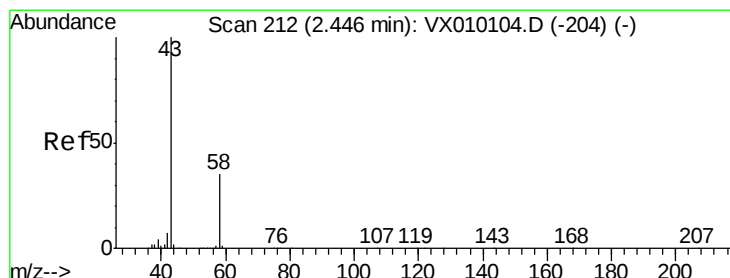
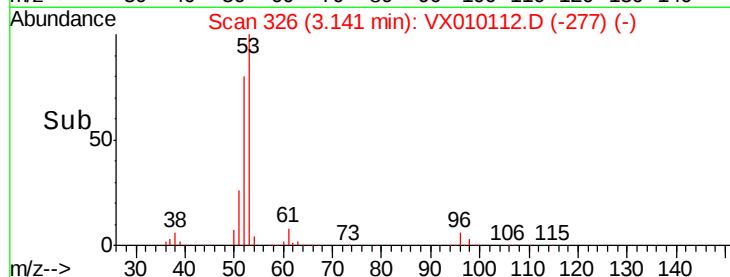
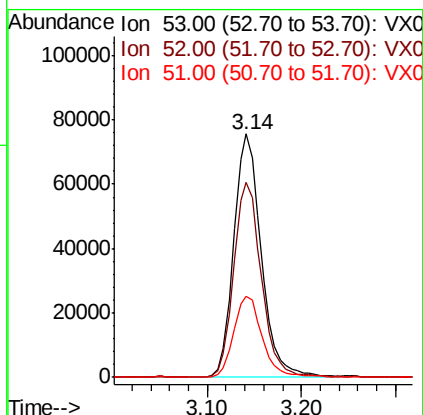
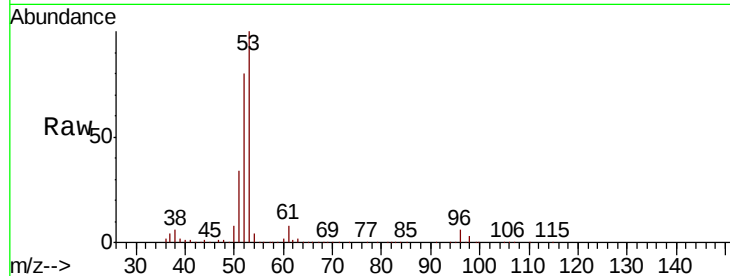


#15
 Acrylonitrile
 Concen: 102.470 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX010112.D
 Acq: 07 Jun 2019 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS01

Tot Ion: 53 Resp: 152979

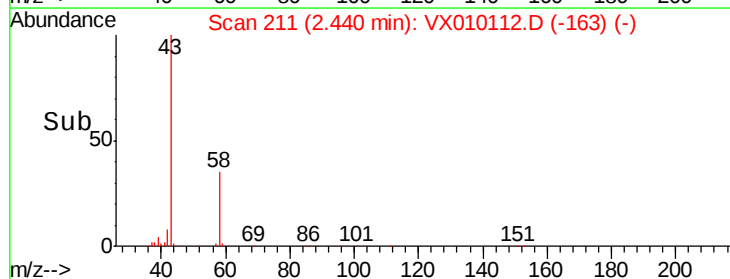
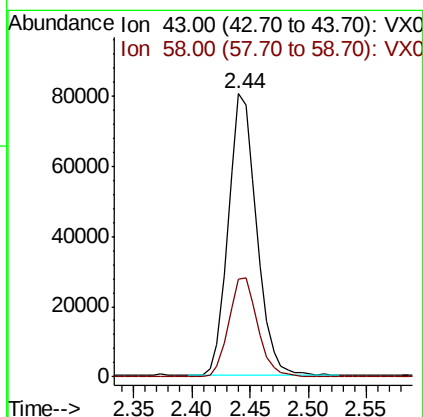
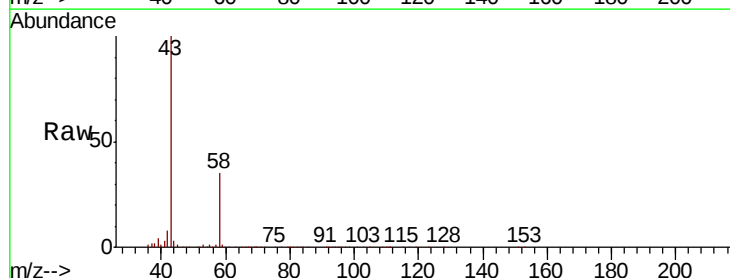
Ion	Ratio	Lower	Upper
53	100		
52	80.6	66.7	100.1
51	34.5	28.8	43.2

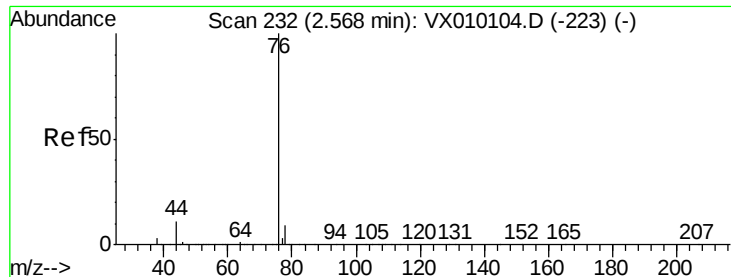


#16
 Acetone
 Concen: 96.933 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010112.D
 Acq: 07 Jun 2019 16:40

Tgt Ion: 43 Resp: 135934

Ion	Ratio	Lower	Upper
43	100		
58	34.7	23.2	34.8

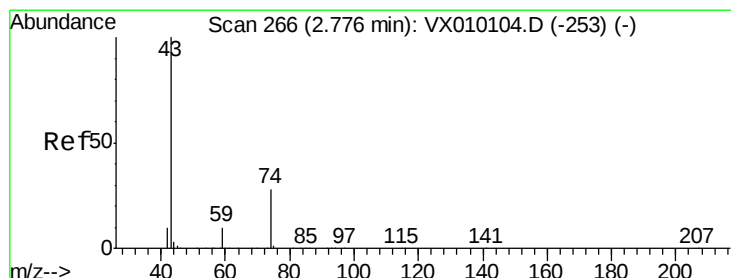
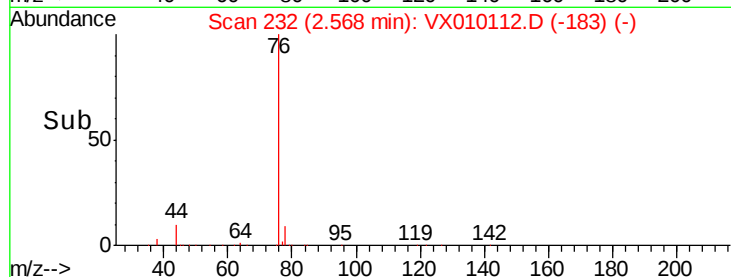
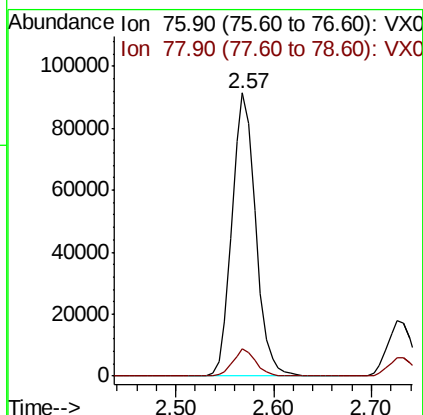
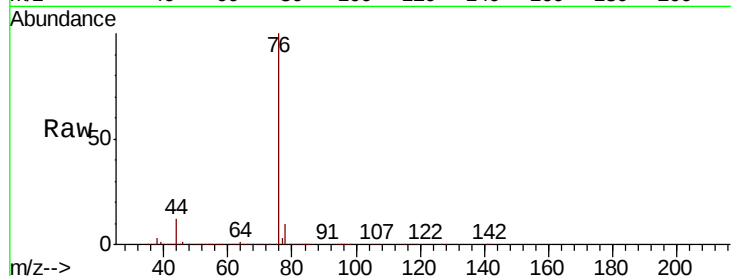




#17
Carbon Disulfide
Concen: 19.353 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

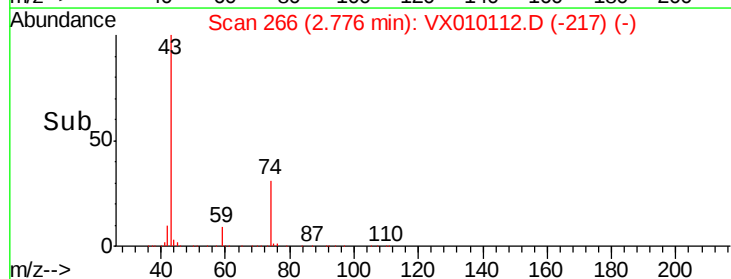
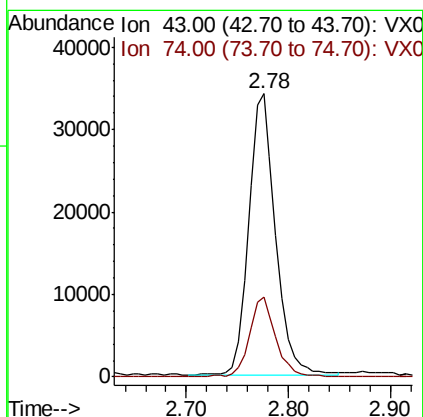
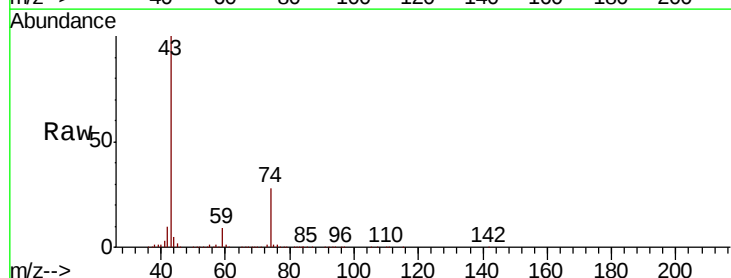
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

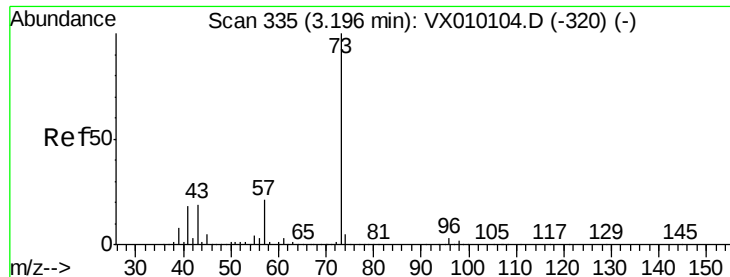
Tot Ion: 76 Resp: 153420
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#18
Methyl Acetate
Concen: 20.123 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion: 43 Resp: 62060
Ion Ratio Lower Upper
43 100
74 28.4 15.8 23.6#

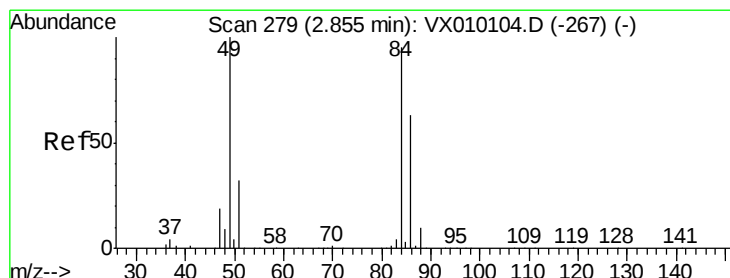
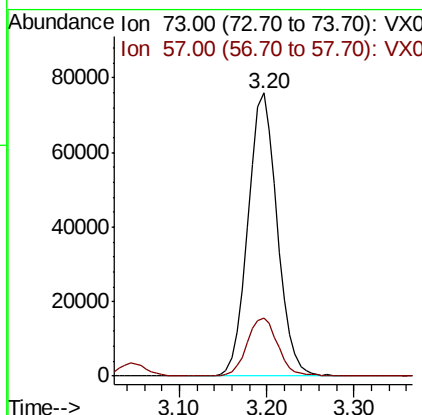
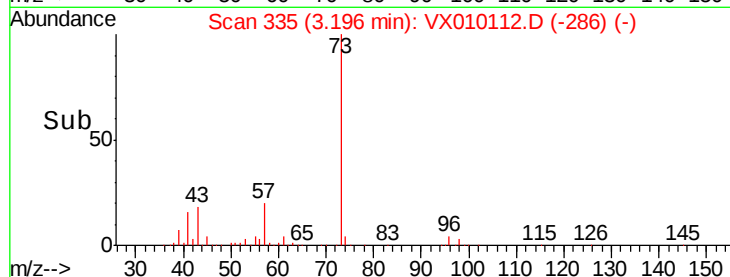
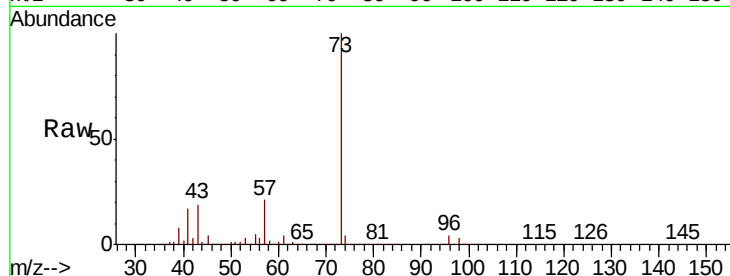




#19
Methvl tert-butvl Ether
Concen: 20.021 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

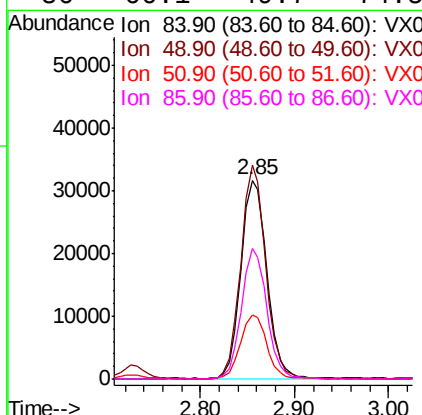
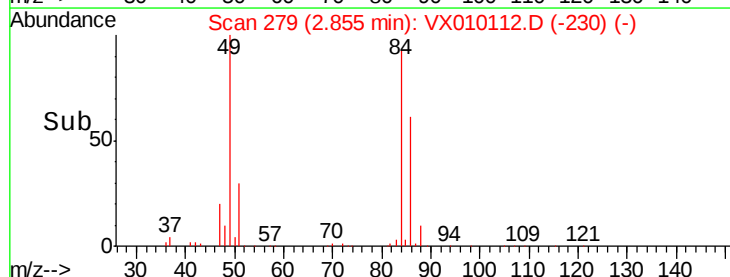
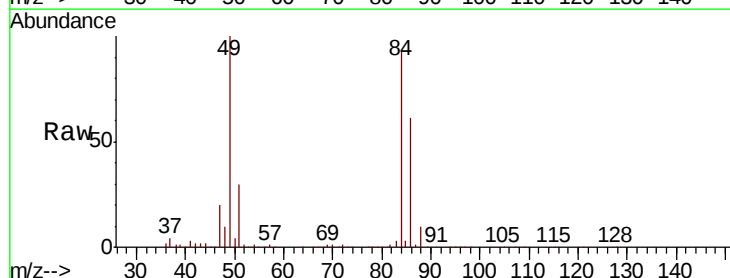
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

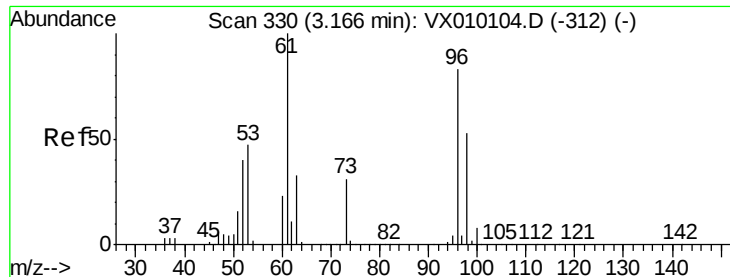
Tot Ion: 73 Resp: 176474
Ion Ratio Lower Upper
73 100
57 20.5 19.4 29.2



#20
Methylene Chloride
Concen: 19.802 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion: 84 Resp: 60987
Ion Ratio Lower Upper
84 100
49 107.8 115.8 173.6#
51 32.6 34.4 51.6#
86 66.1 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 19.431 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

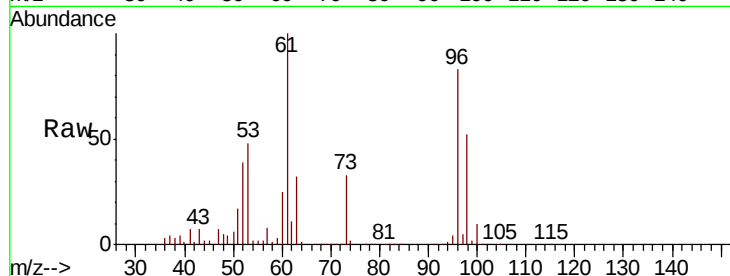
Tot Ion: 96 Resp: 58997

Ion Ratio Lower Upper

96 100

61 120.0 125.7 188.5#

98 62.6 49.0 73.6

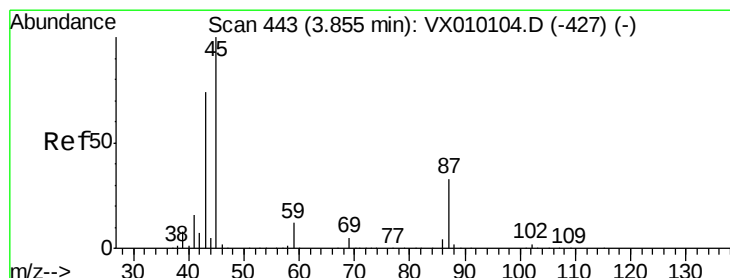
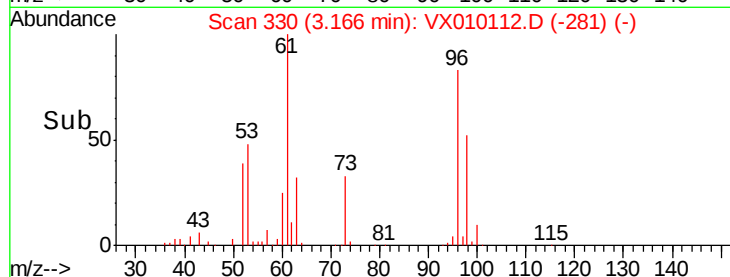
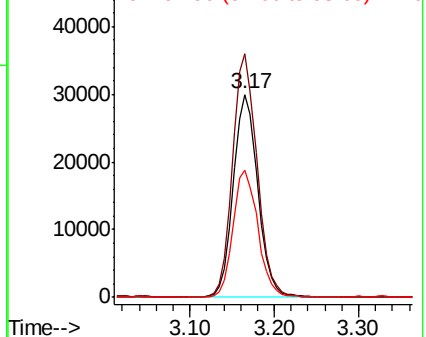


Abundance

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: 20.247 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Tgt Ion: 45 Resp: 160314

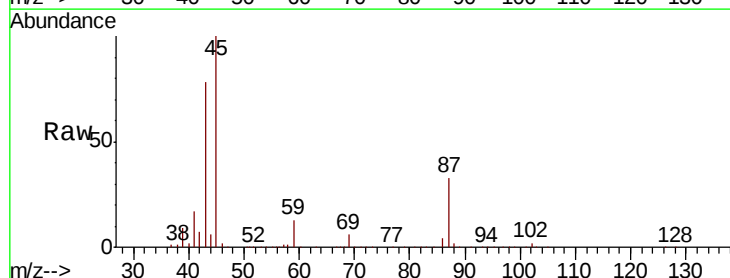
Ion Ratio Lower Upper

45 100

43 77.3 65.0 97.4

87 32.8 17.3 25.9#

59 12.9 8.1 12.1#



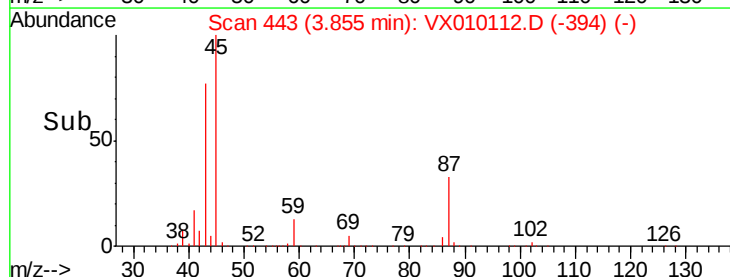
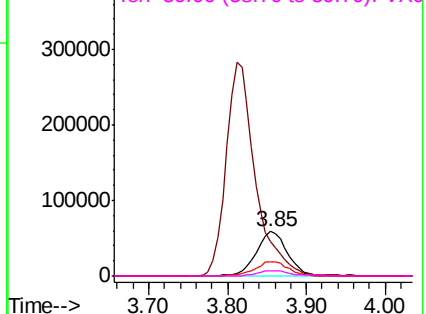
Abundance

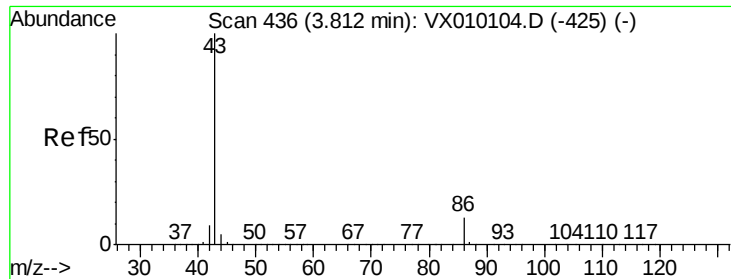
Ion 45.00 (44.70 to 45.70): VX0

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: 103.175 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

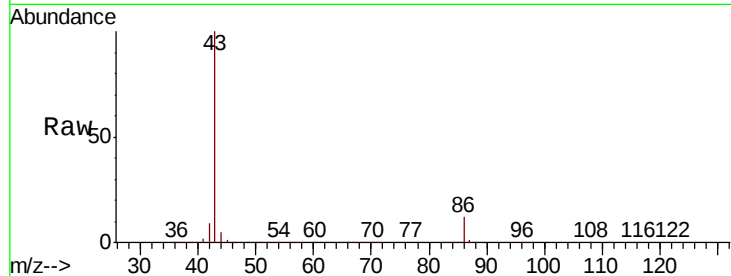
VX0607WBS01

Tot Ion: 43 Resp: 728808

Ion Ratio Lower Upper

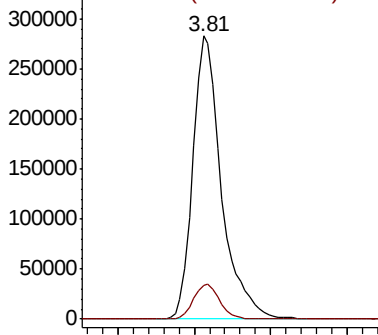
43 100

86 12.1 6.5 9.7#

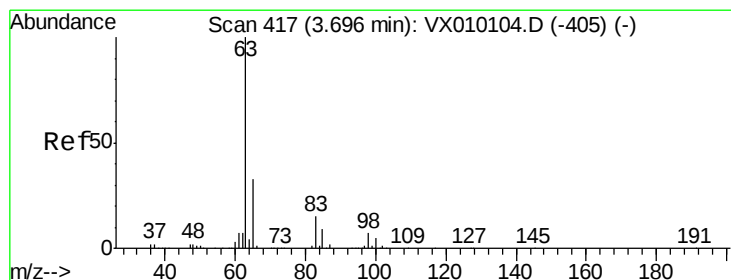
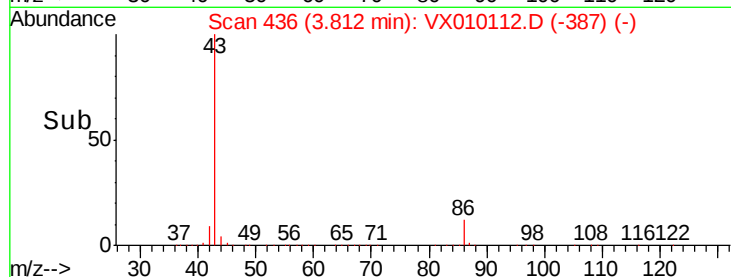


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 19.610 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

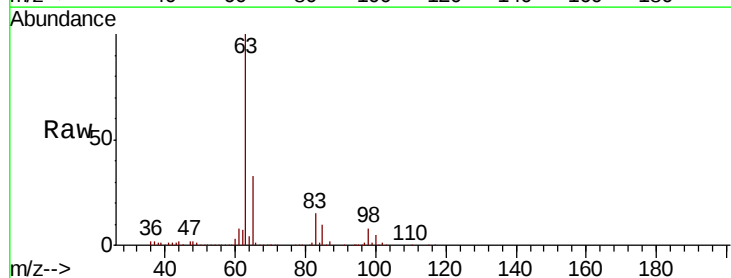
Tgt Ion: 63 Resp: 94277

Ion Ratio Lower Upper

63 100

98 8.2 2.9 8.8

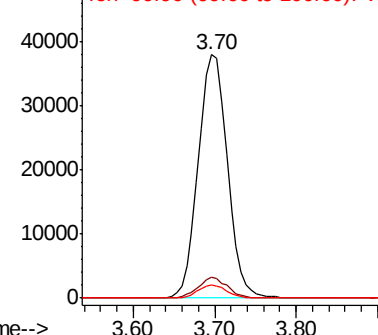
100 5.4 1.8 5.4#



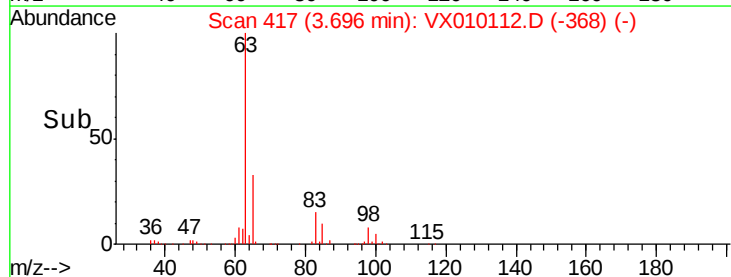
Abundance Ion 62.90 (62.60 to 63.60): VX0

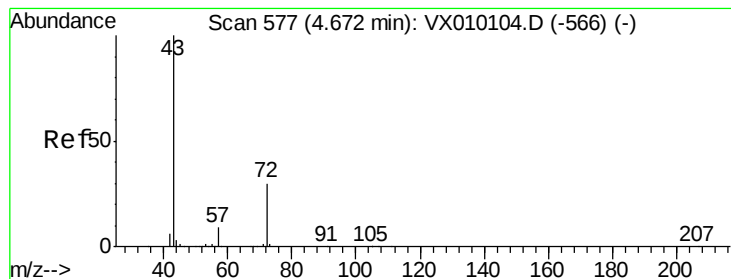
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 103.399 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

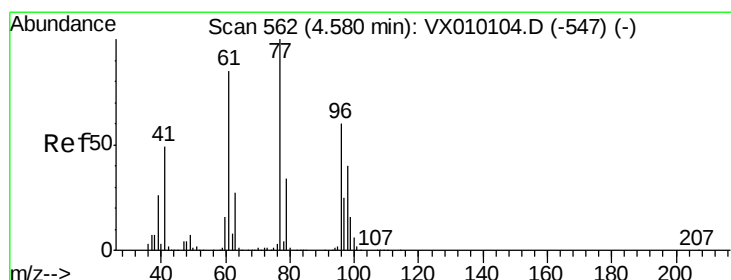
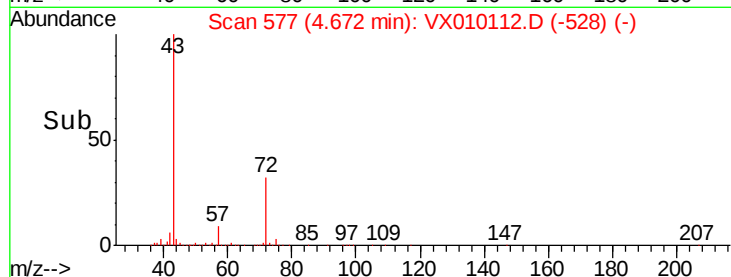
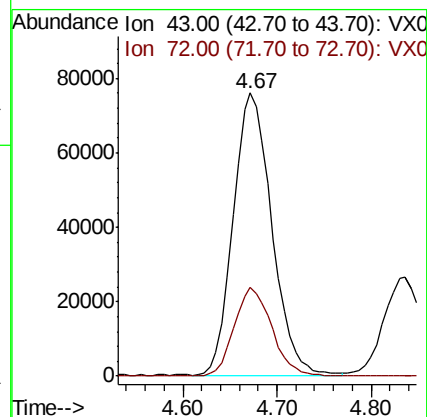
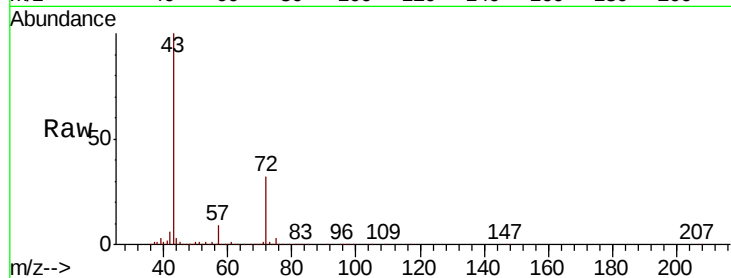
VX0607WBS01

Tot Ion: 43 Resp: 215919

Ion Ratio Lower Upper

43 100

72 31.4 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 19.655 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010112.D

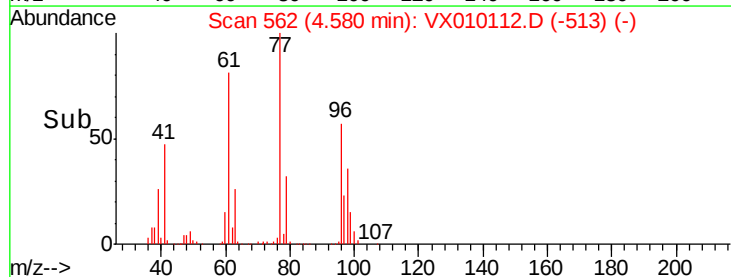
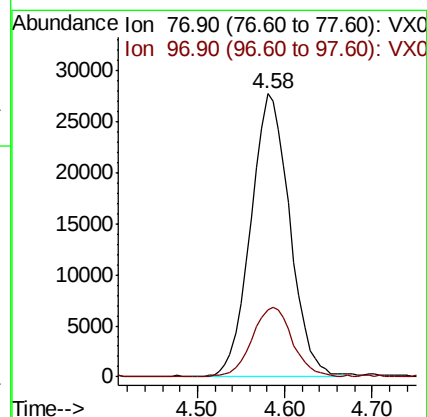
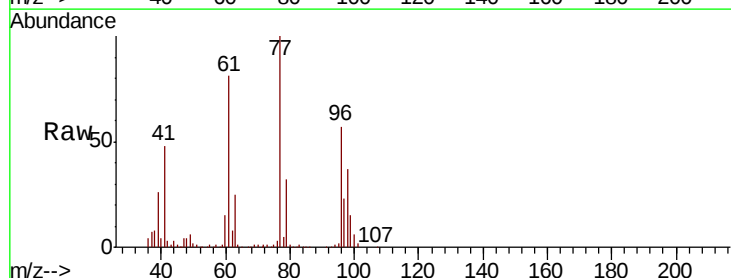
Acq: 07 Jun 2019 16:40

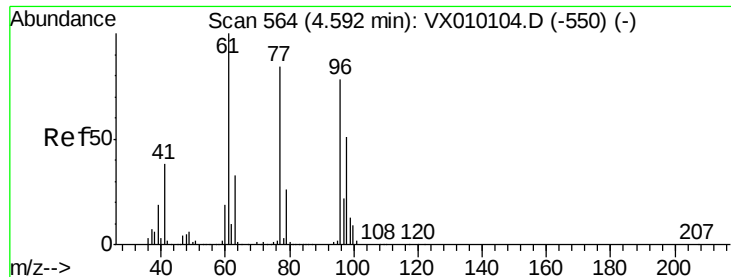
Tgt Ion: 77 Resp: 86204

Ion Ratio Lower Upper

77 100

97 25.5 11.4 34.2



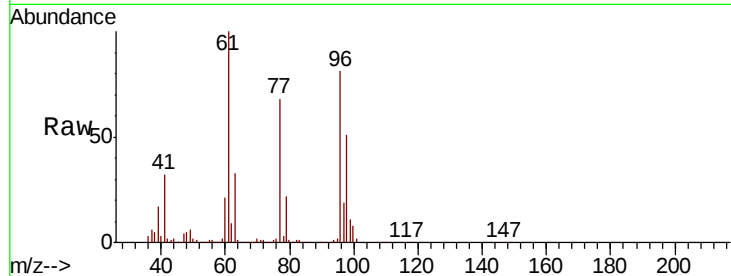


#27

cis-1,2-Dichloroethene
Concen: 20.285 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.9	0.0	334.0
98	63.9	0.0	131.6

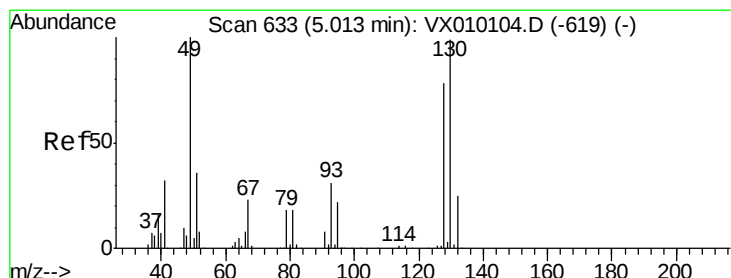
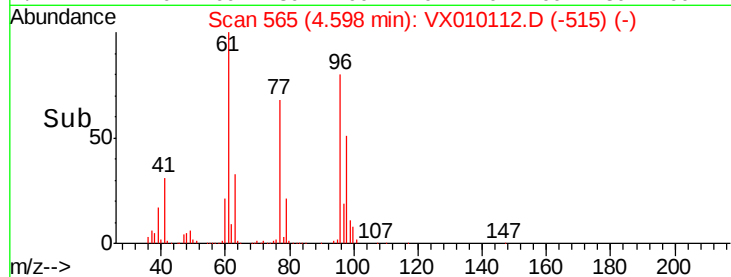
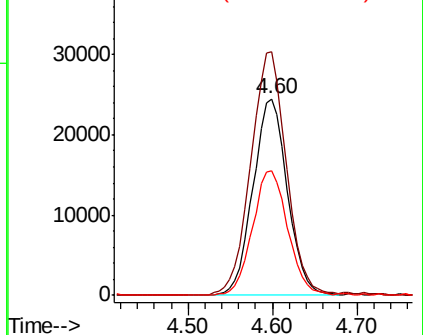


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

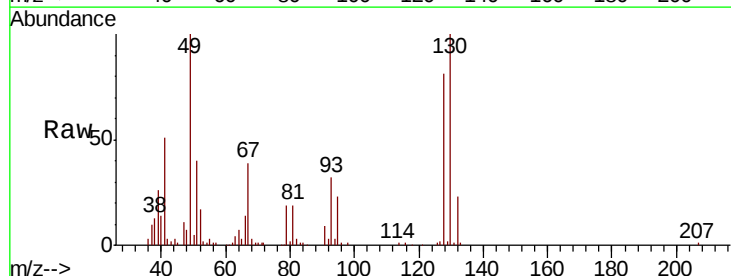
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 18.212 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.3	0.0	3.4
130	102.7	49.4	74.2#

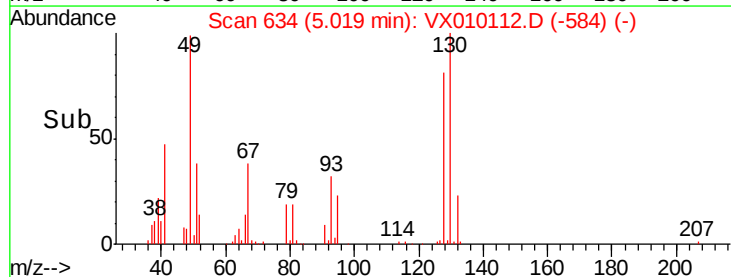
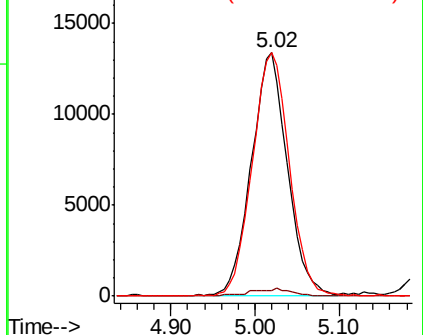


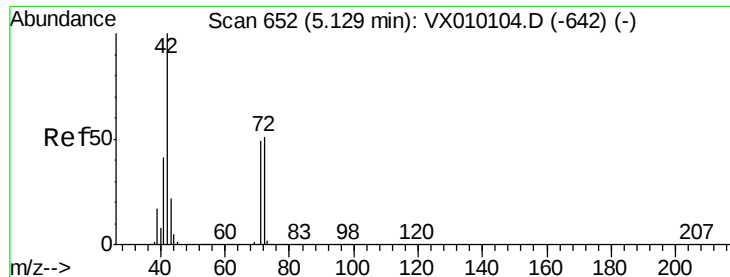
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

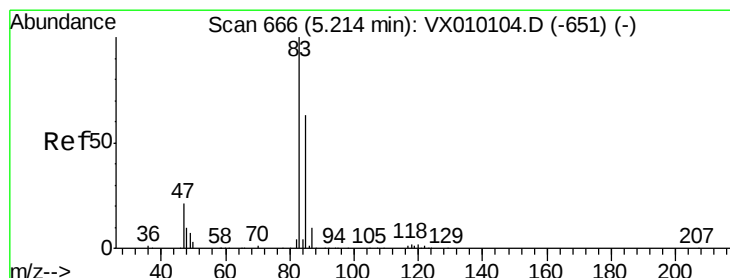
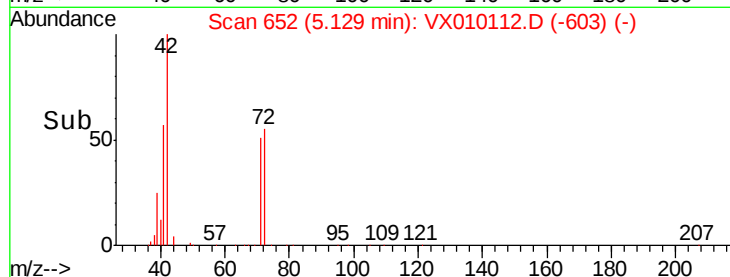
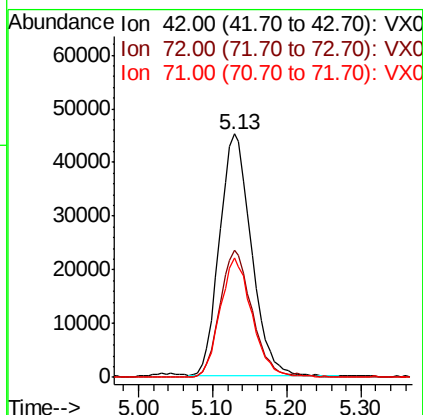
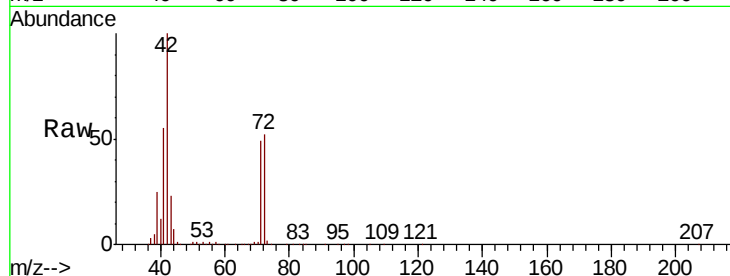




#29
Tetrahydrofuran
Concen: 102.437 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

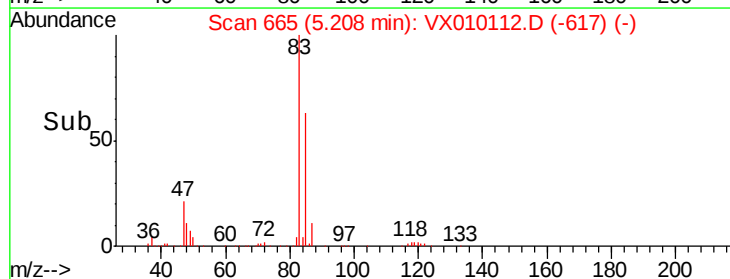
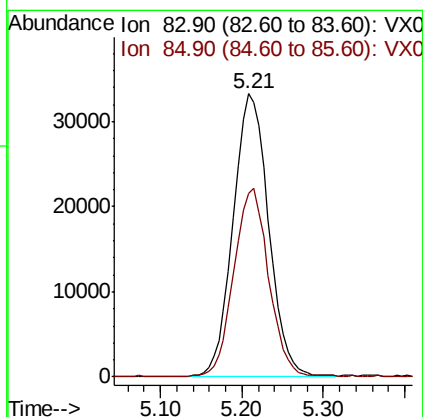
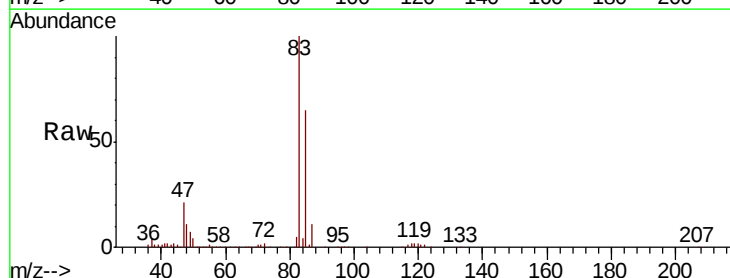
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

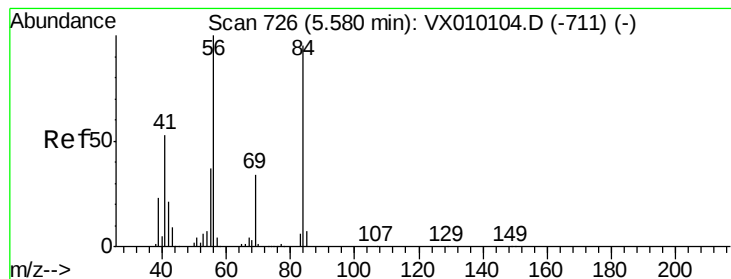
Tot Ion: 42 Resp: 134433
Ion Ratio Lower Upper
42 100
72 53.2 29.2 43.8#
71 48.7 27.6 41.4#



#30
Chloroform
Concen: 19.994 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion: 83 Resp: 99827
Ion Ratio Lower Upper
83 100
85 64.6 52.6 78.8





#31

Cyclohexane

Concen: 20.363 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

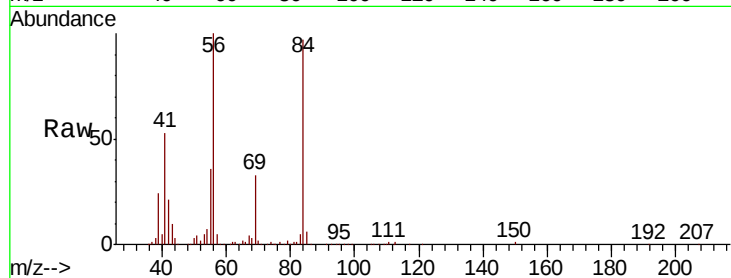
Tot Ion: 56 Resp: 88351

Ion Ratio Lower Upper

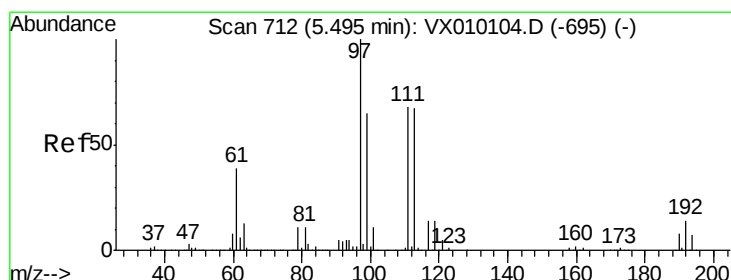
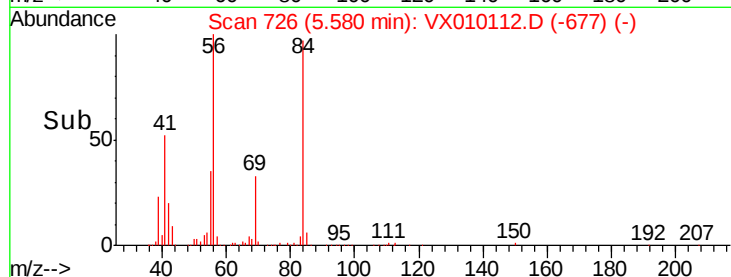
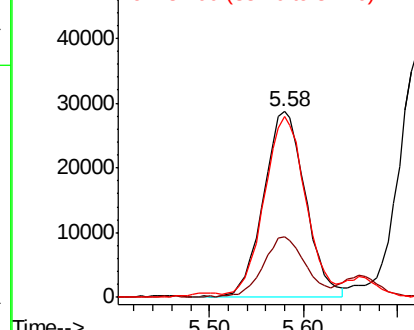
56 100

69 32.6 21.6 32.4#

84 96.0 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: 19.467 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

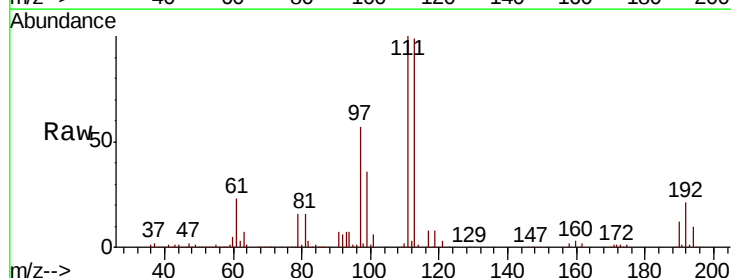
Tgt Ion: 97 Resp: 91374

Ion Ratio Lower Upper

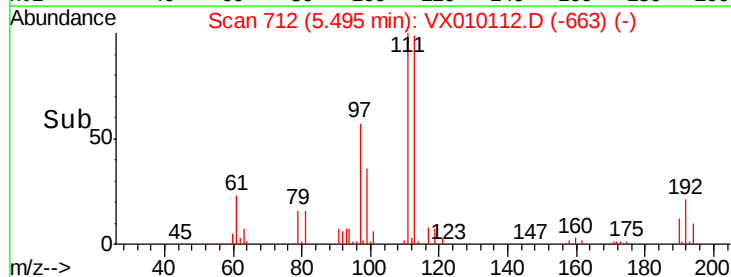
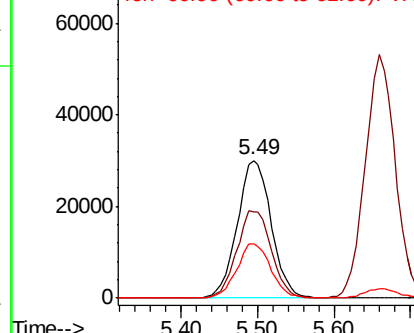
97 100

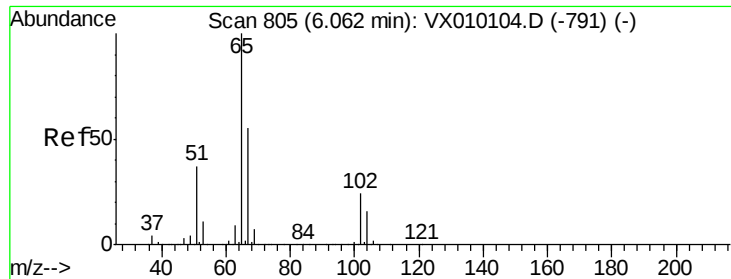
99 65.2 51.0 76.4

61 40.2 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: 51.163 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

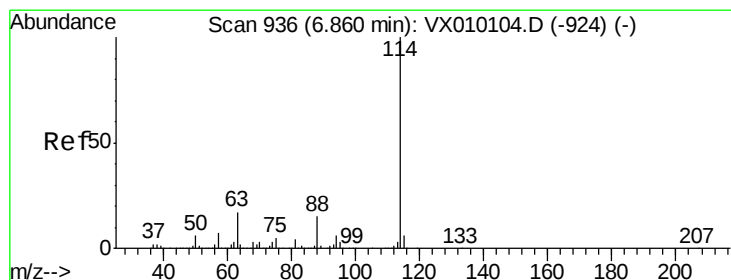
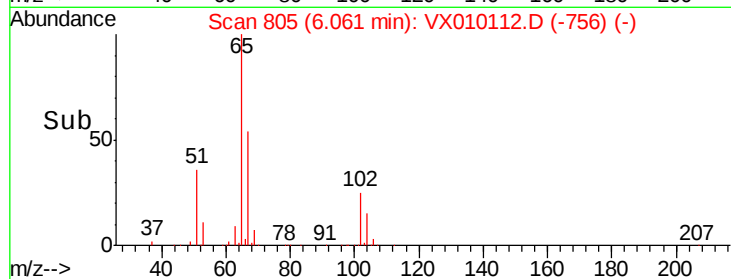
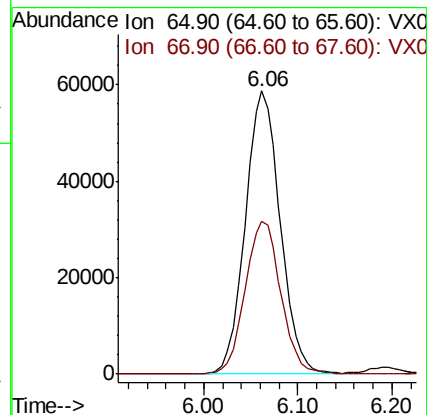
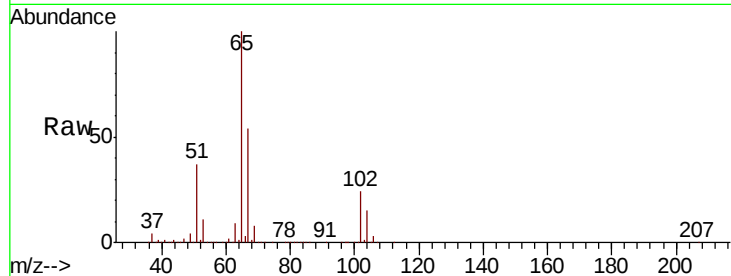
VX0607WBS01

Tot Ion: 65 Resp: 152545

Ion Ratio Lower Upper

65 100

67 54.7 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: VX010112.D

Acq: 07 Jun 2019 16:40

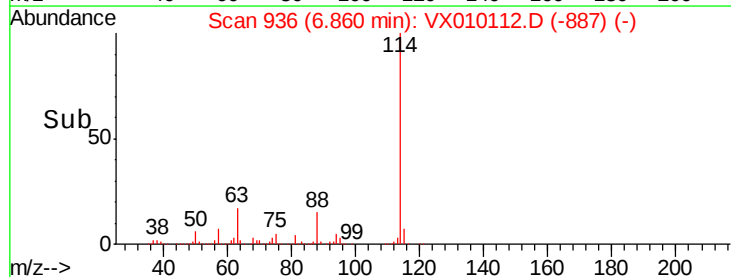
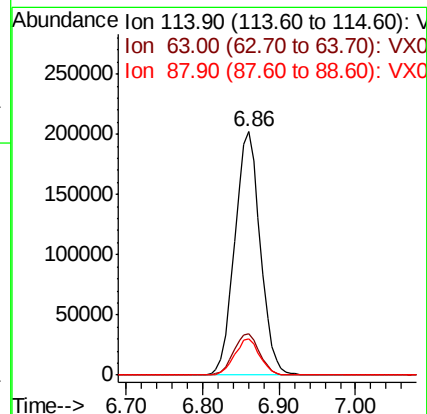
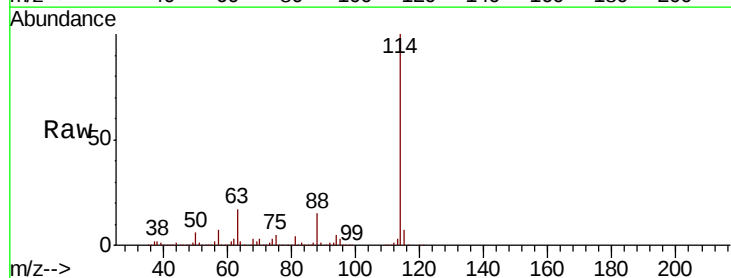
Tgt Ion: 114 Resp: 466267

Ion Ratio Lower Upper

114 100

63 16.7 0.0 47.4

88 14.8 0.0 33.0

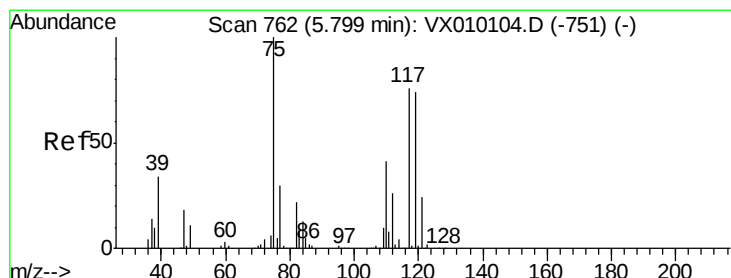
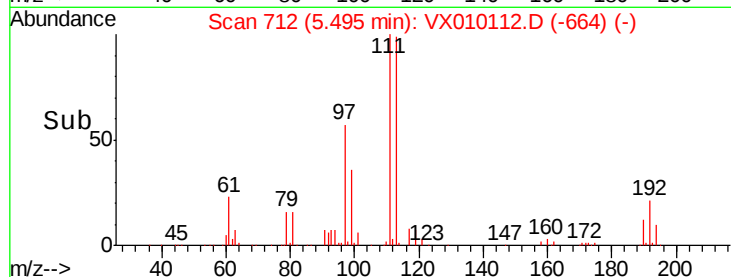
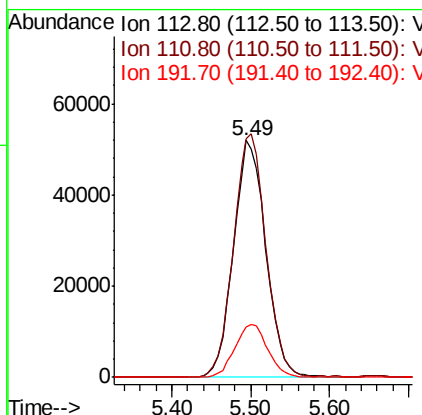
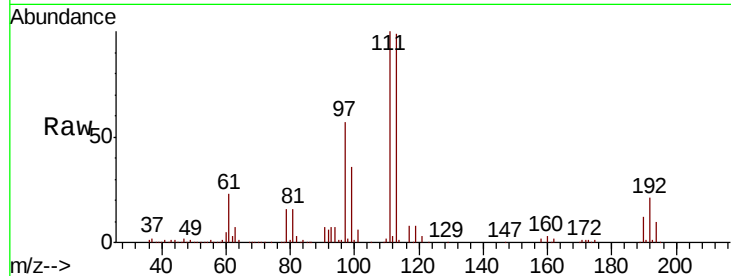




#35
Dibromofluoromethane
Concen: 51.460 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

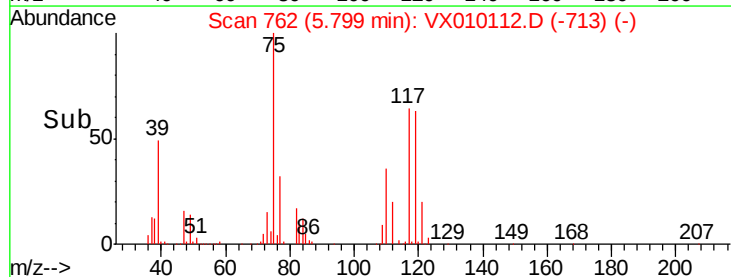
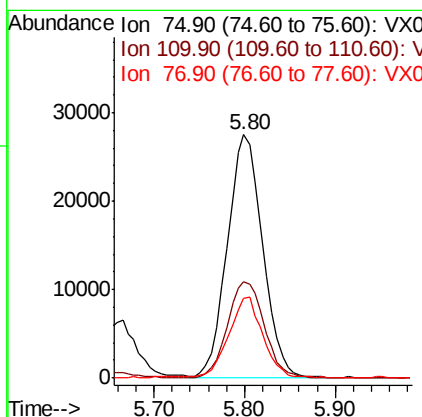
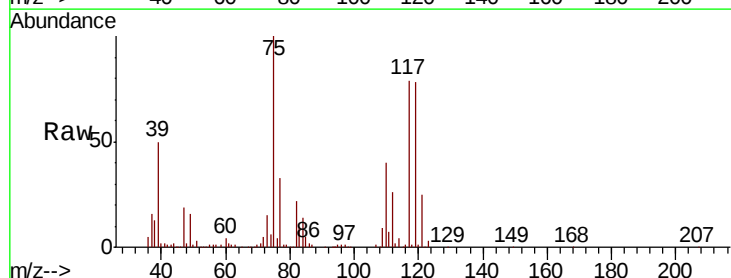
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

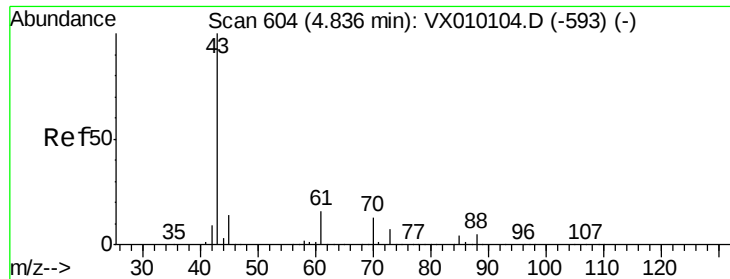
Tot Ion:113 Resp: 148000
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 22.9 17.1 25.7



#36
1,1-Dichloropropene
Concen: 19.511 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion: 75 Resp: 74221
Ion Ratio Lower Upper
75 100
110 41.7 16.7 50.1
77 31.7 25.0 37.4





#37

Ethyl Acetate

Concen: 19.925 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

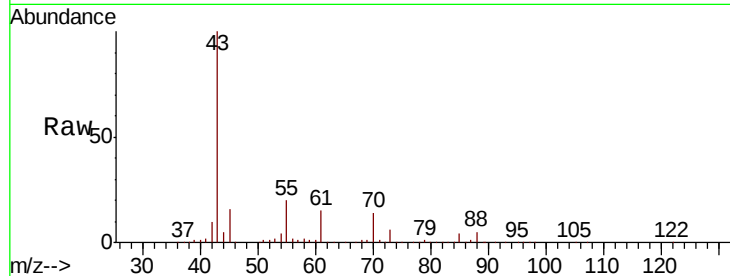
Tot Ion: 43 Resp: 78864

Ion Ratio Lower Upper

43 100

61 16.5 10.2 15.2#

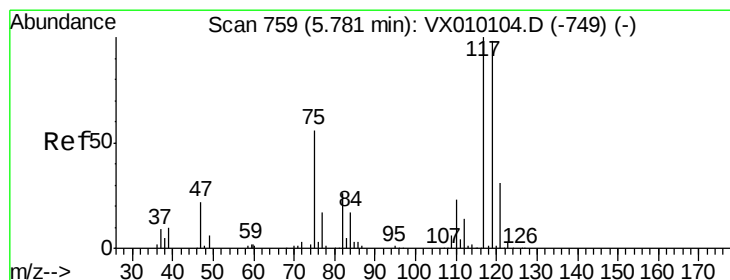
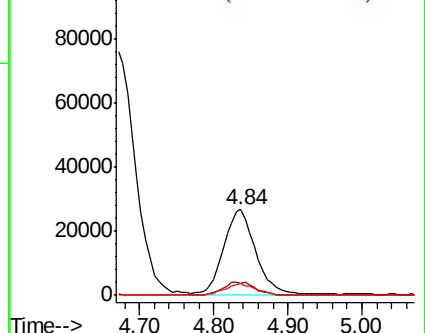
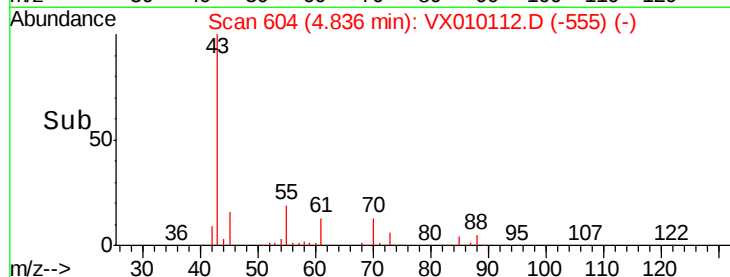
70 14.3 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.498 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

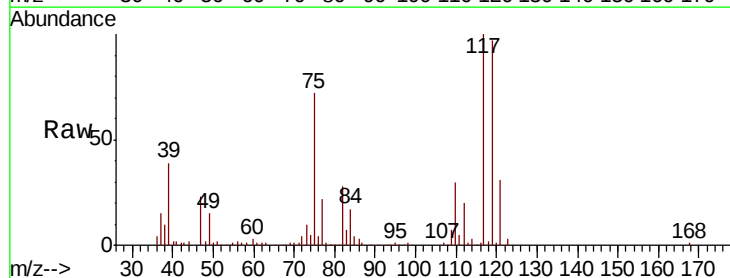
Tgt Ion: 117 Resp: 83951

Ion Ratio Lower Upper

117 100

119 96.7 77.3 115.9

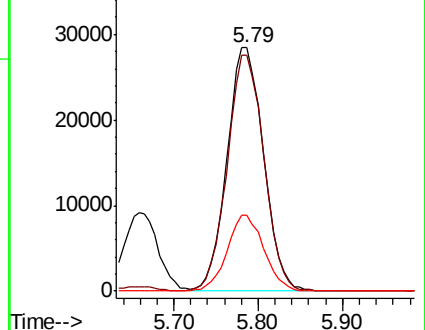
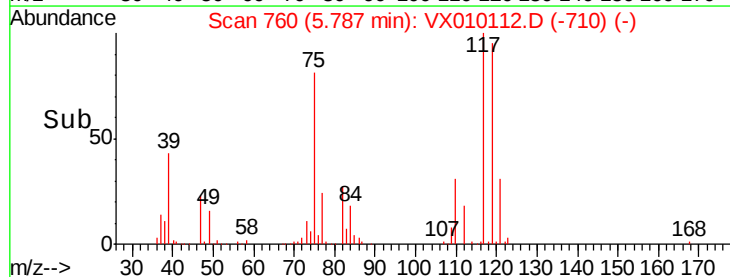
121 31.3 25.4 38.0

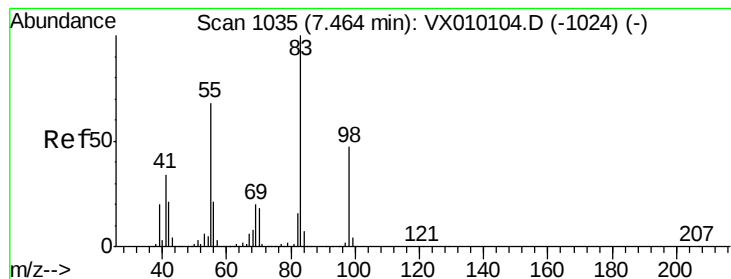


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 19.510 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

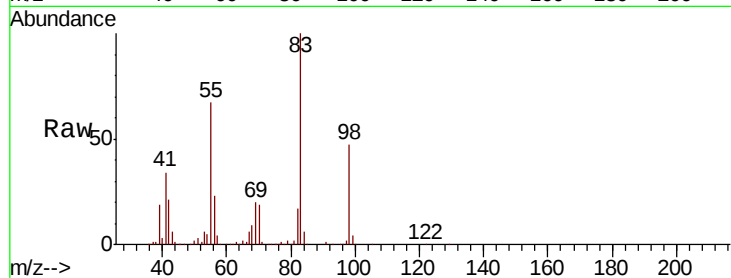
Tot Ion: 83 Resp: 101060

Ion Ratio Lower Upper

83 100

55 67.1 69.9 104.9#

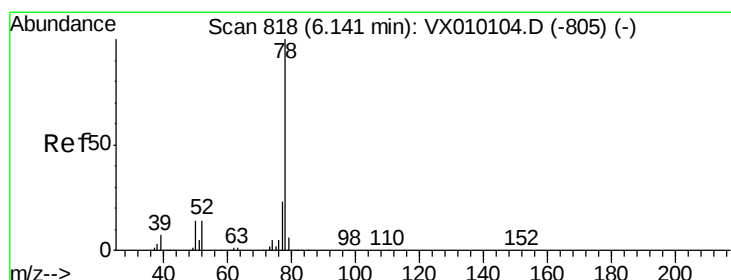
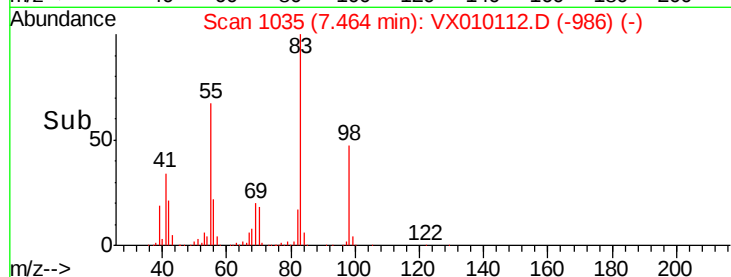
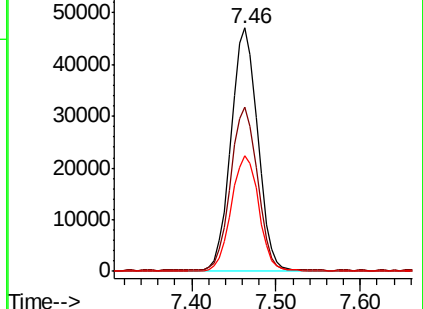
98 47.2 35.1 52.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 20.101 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX010112.D

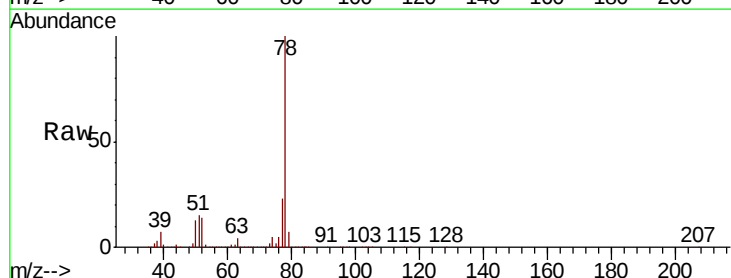
Acq: 07 Jun 2019 16:40

Tgt Ion: 78 Resp: 236441

Ion Ratio Lower Upper

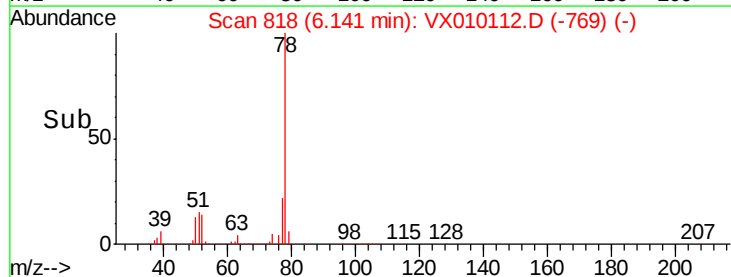
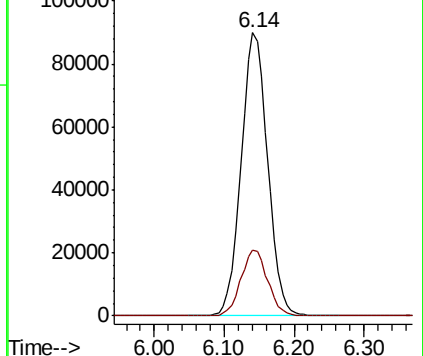
78 100

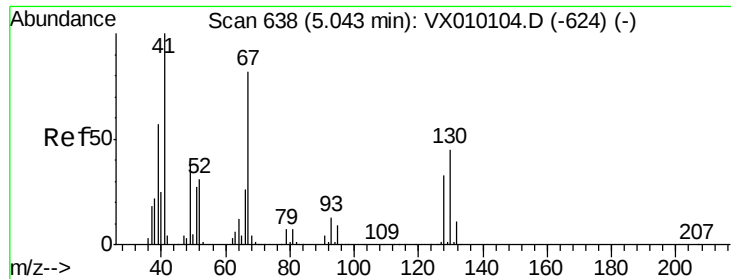
77 23.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

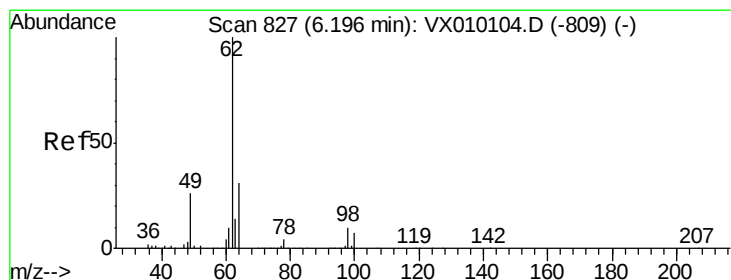
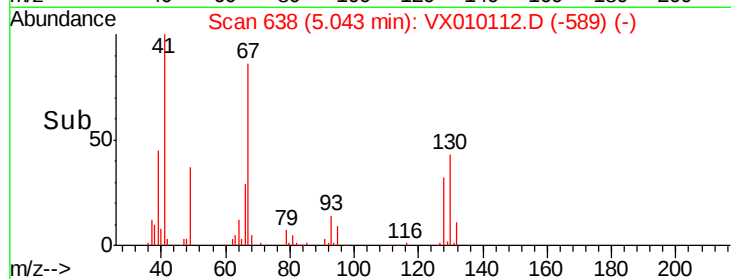
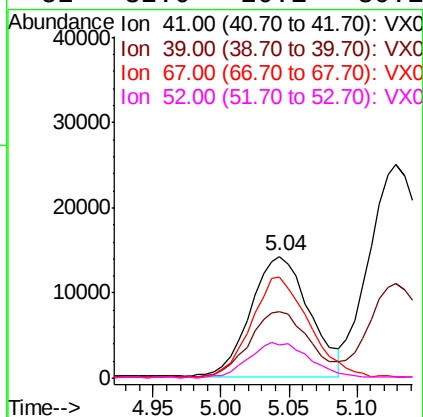
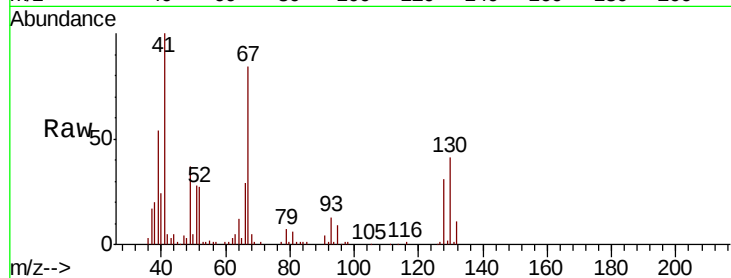




#41
Methacrylonitrile
Concen: 19.882 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

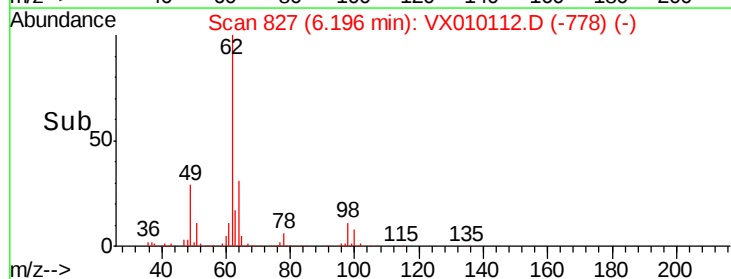
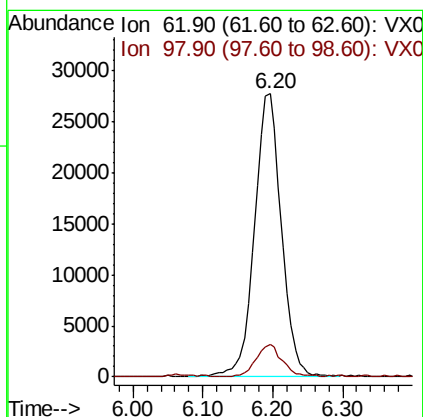
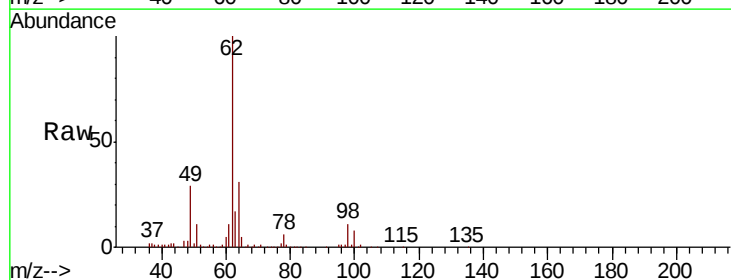
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

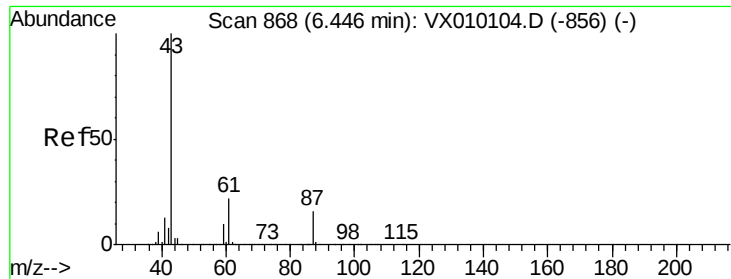
Tot Ion:	41	Resp:	42567
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.2	63.4
67	82.9	48.9	73.3#
52	32.0	20.1	30.1#



#42
1,2-Dichloroethane
Concen: 19.570 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion:	62	Resp:	73491
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	17.2



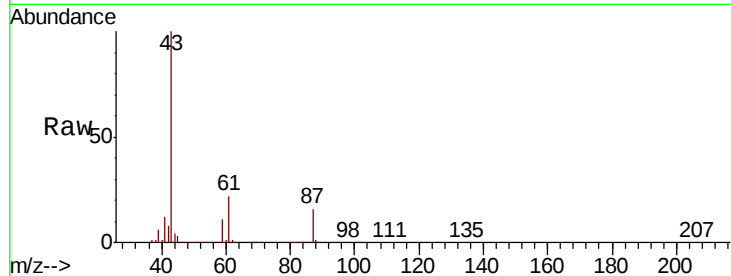


#43

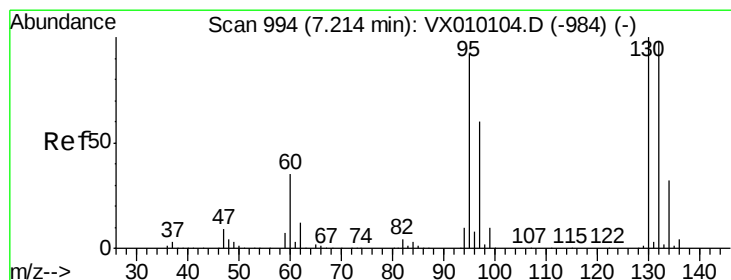
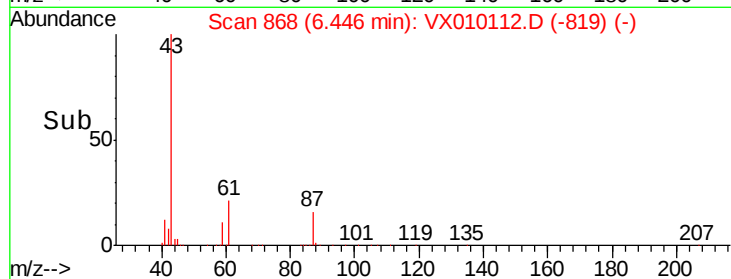
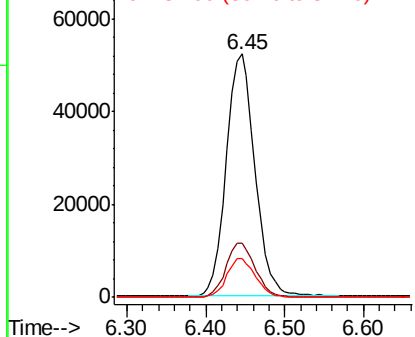
Isopropyl Acetate
 Concen: 19.843 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010112.D
 Acq: 07 Jun 2019 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS01

Tot Ion: 43 Resp: 131318
 Ion Ratio Lower Upper
 43 100
 61 23.1 14.6 21.8#
 87 16.1 8.7 13.1#



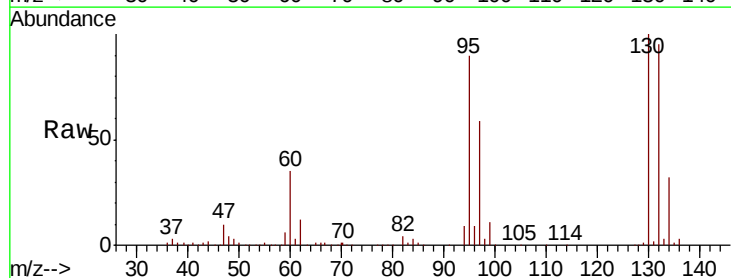
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



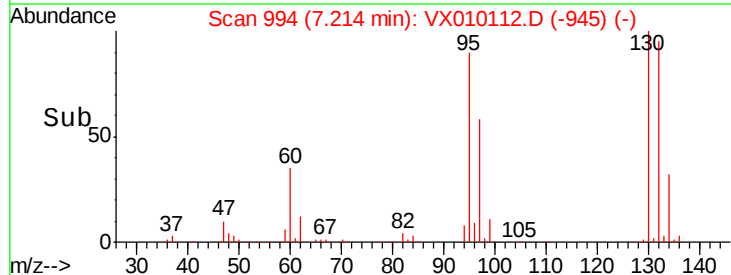
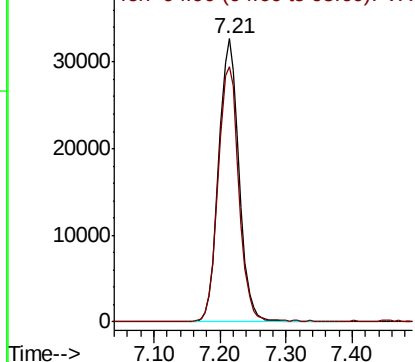
#44

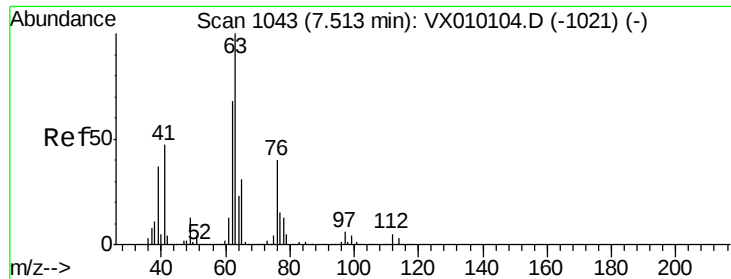
Trichloroethene
 Concen: 19.586 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010112.D
 Acq: 07 Jun 2019 16:40

Tgt Ion:130 Resp: 69444
 Ion Ratio Lower Upper
 130 100
 95 90.0 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: 20.076 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

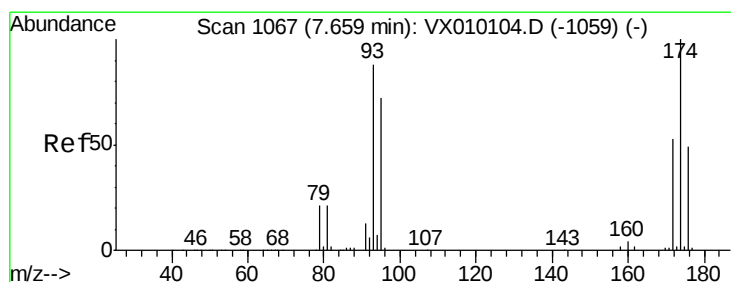
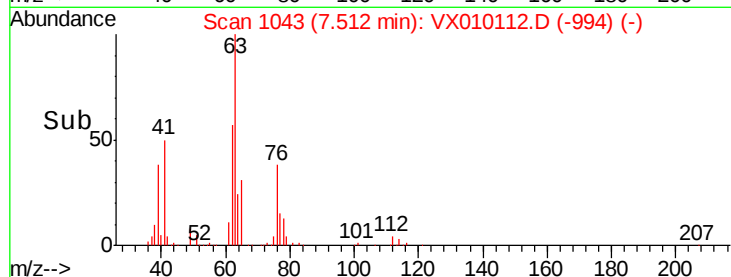
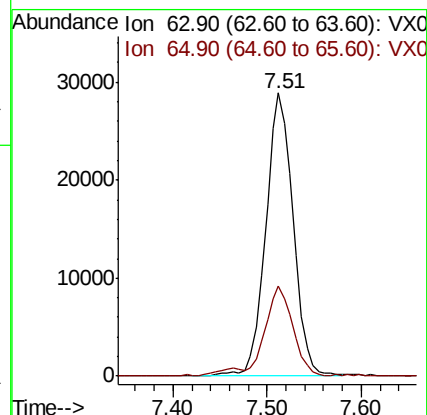
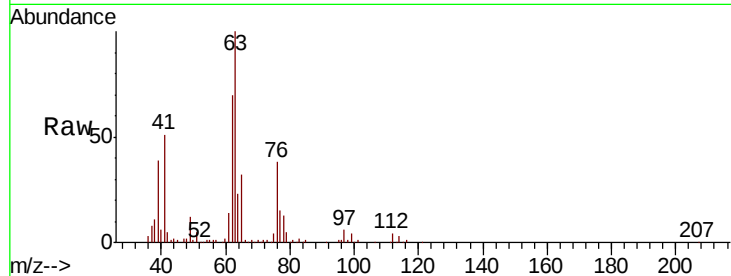
VX0607WBS01

Tot Ion: 63 Resp: 59105

Ion Ratio Lower Upper

63 100

65 31.5 25.7 38.5



#46

Dibromomethane

Concen: 19.040 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

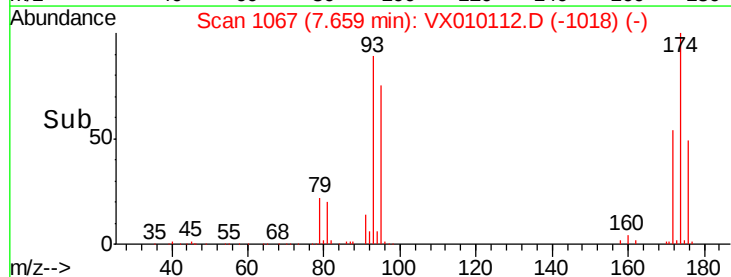
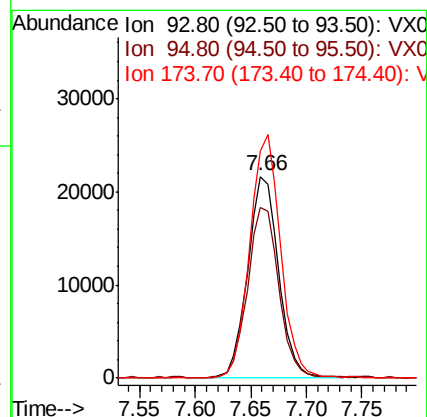
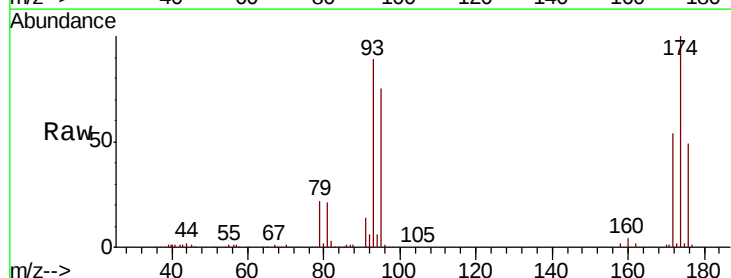
Tgt Ion: 93 Resp: 41996

Ion Ratio Lower Upper

93 100

95 84.7 66.8 100.2

174 119.9 81.9 122.9





#47

Bromodichloromethane

Concen: 20.059 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

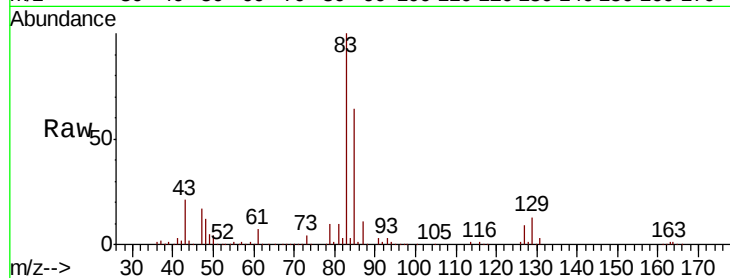
Tot Ion: 83 Resp: 82673

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.2

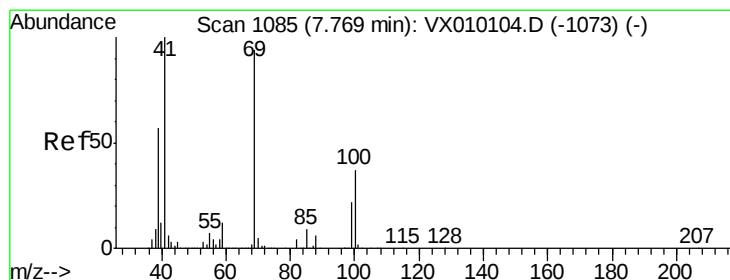
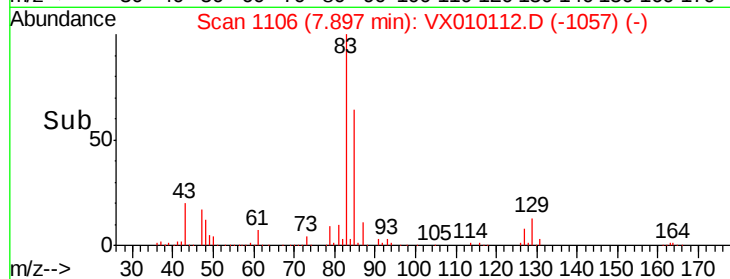
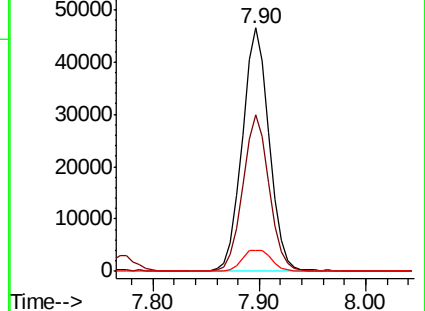
127 8.6 6.4 9.6



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: 20.388 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

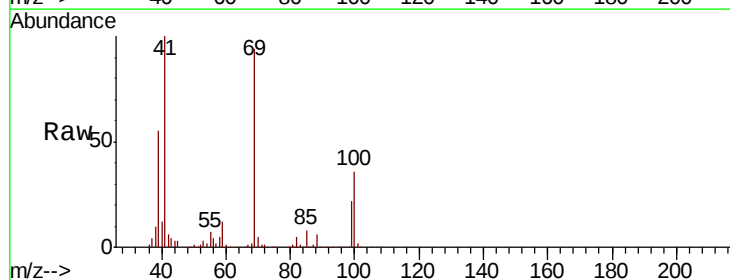
Tgt Ion: 41 Resp: 63098

Ion Ratio Lower Upper

41 100

69 95.2 56.4 84.6#

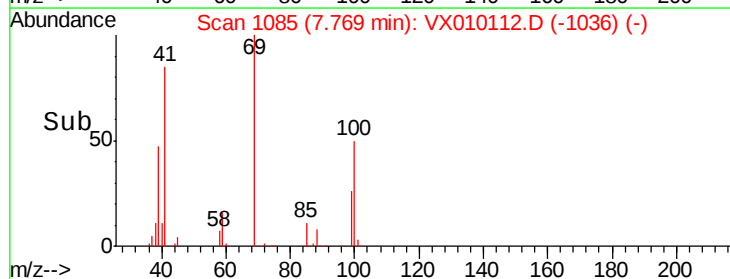
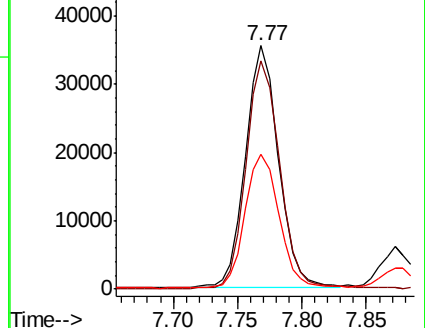
39 57.7 40.6 60.8

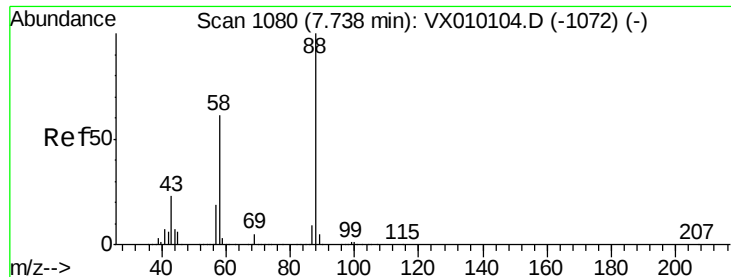


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

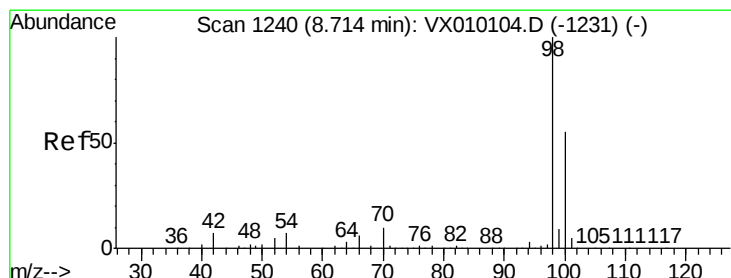
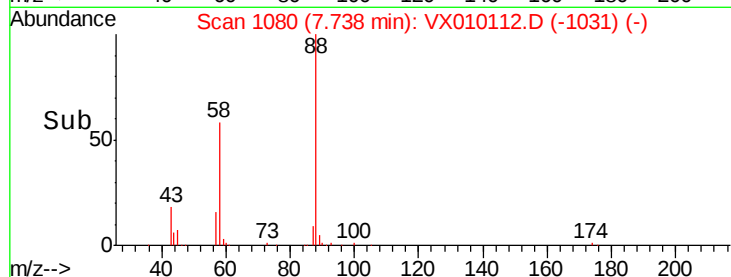
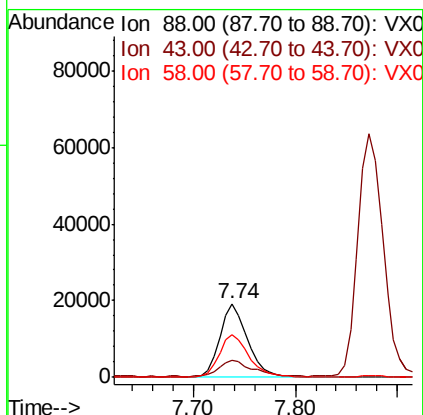
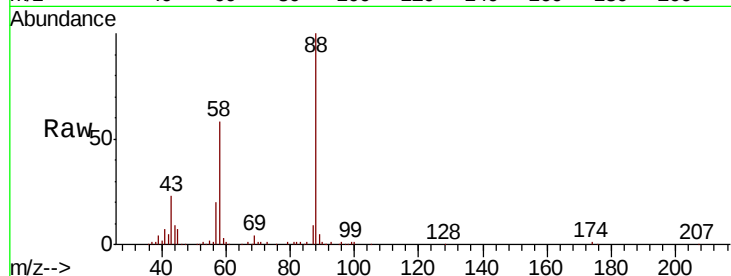




#49
1,4-Dioxane
Concen: 412.547 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

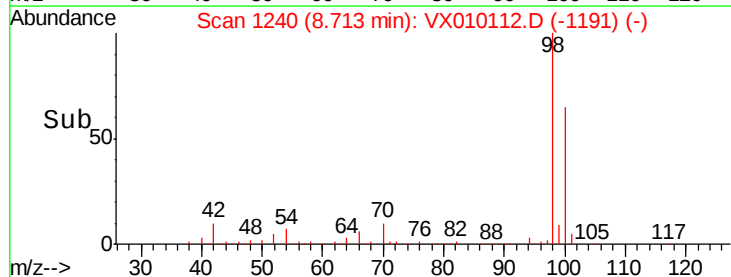
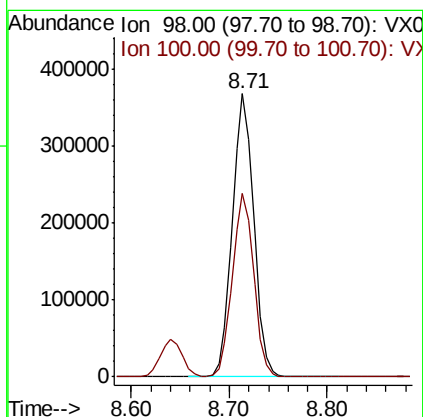
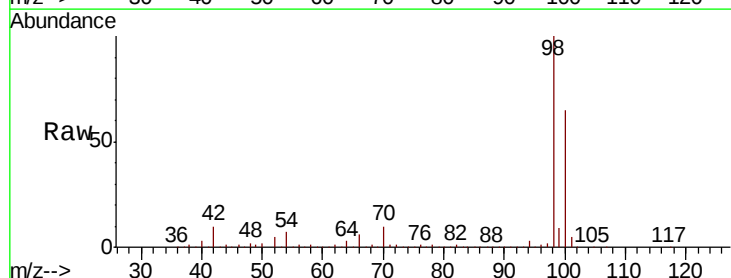
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tot Ion: 88 Resp: 36403
Ion Ratio Lower Upper
88 100
43 25.5 30.2 45.4#
58 62.7 64.0 96.0#



#50
Toluene-d8
Concen: 51.914 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion: 98 Resp: 559584
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 105.220 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampled :

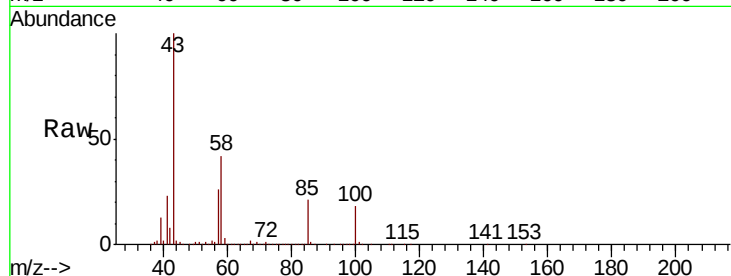
VX0607WBS01

Tot Ion: 43 Resp: 415977

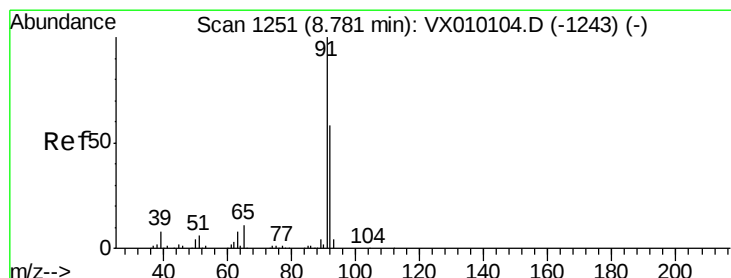
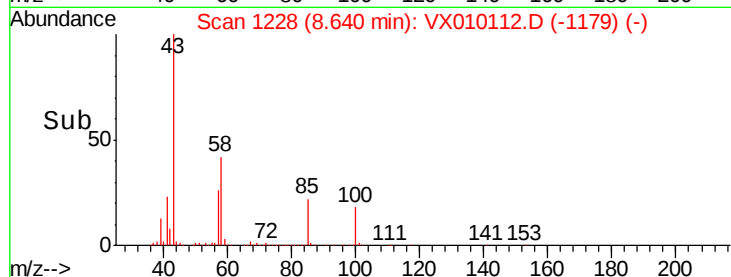
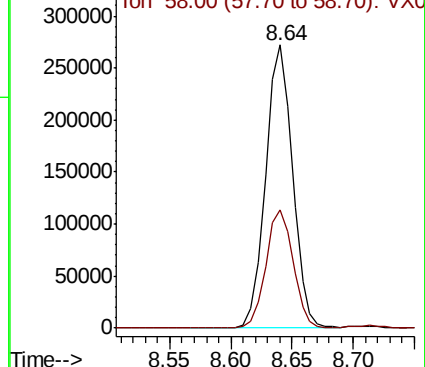
Ion Ratio Lower Upper

43 100

58 42.3 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0



#52

Toluene

Concen: 19.951 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010112.D

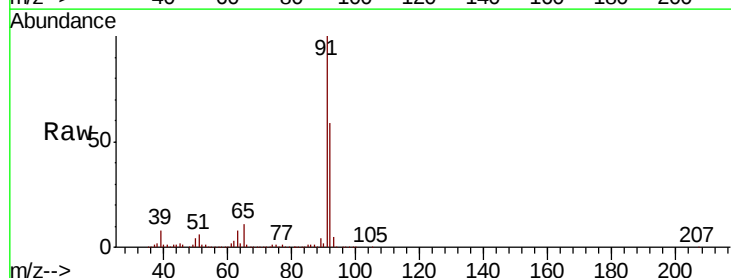
Acq: 07 Jun 2019 16:40

Tgt Ion: 92 Resp: 154265

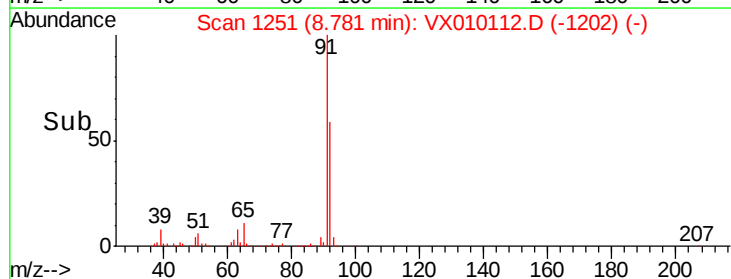
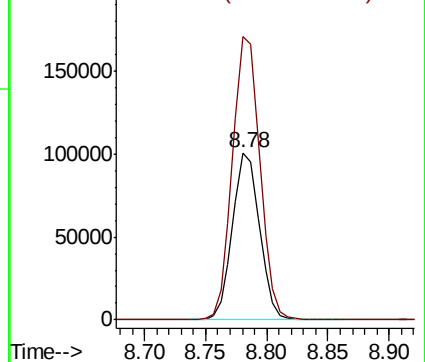
Ion Ratio Lower Upper

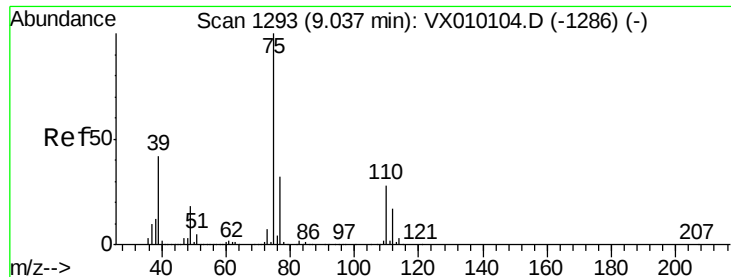
92 100

91 171.9 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.369 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

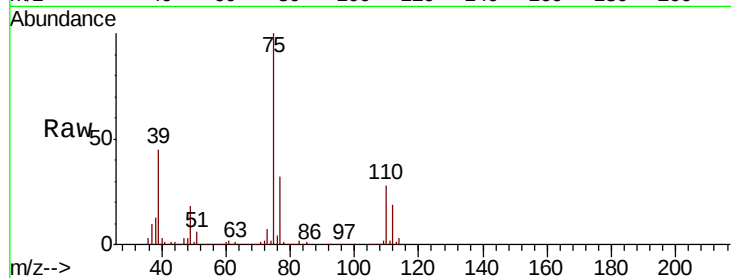
VX0607WBS01

Tot Ion: 75 Resp: 92335

Ion Ratio Lower Upper

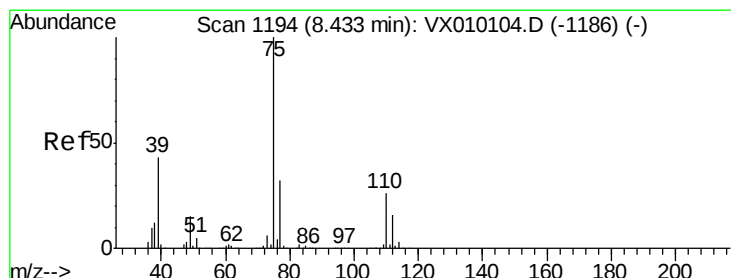
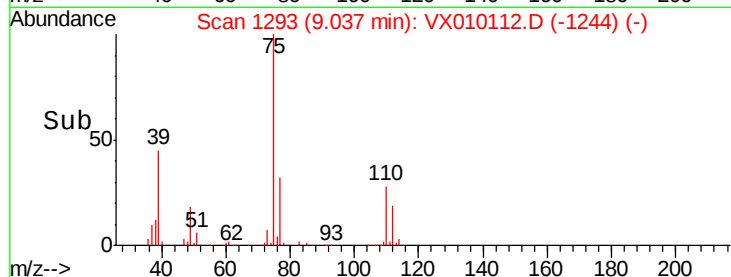
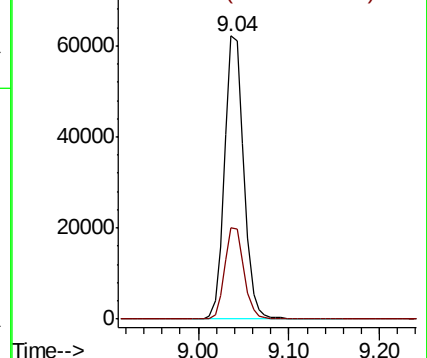
75 100

77 32.0 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.236 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

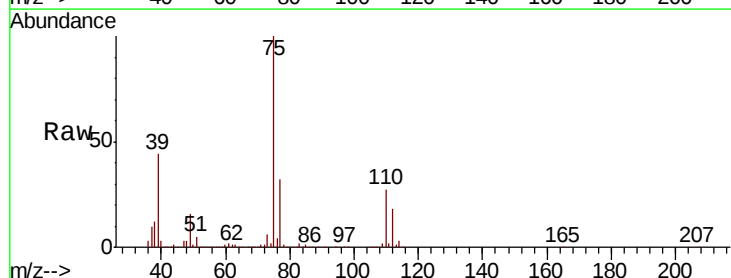
Tgt Ion: 75 Resp: 98308

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

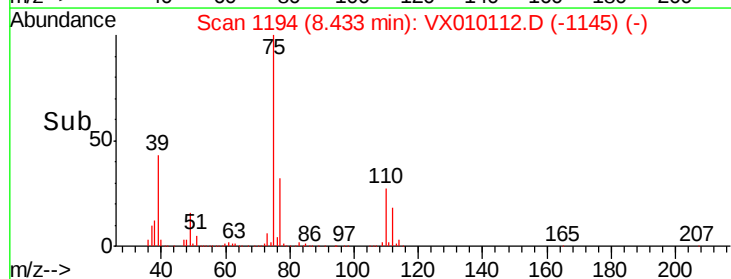
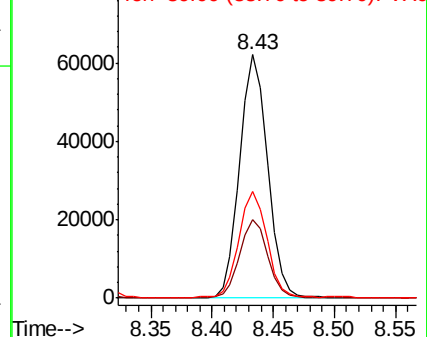
39 43.4 43.4 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

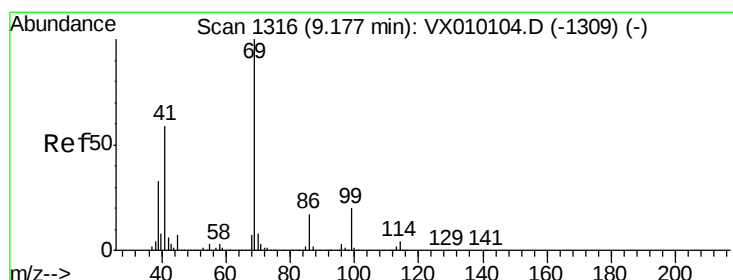
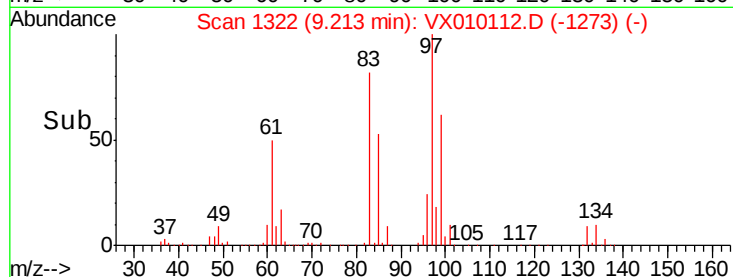
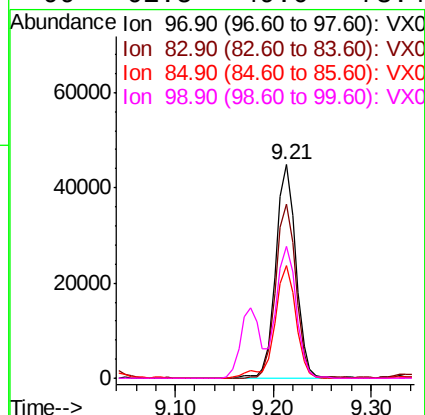
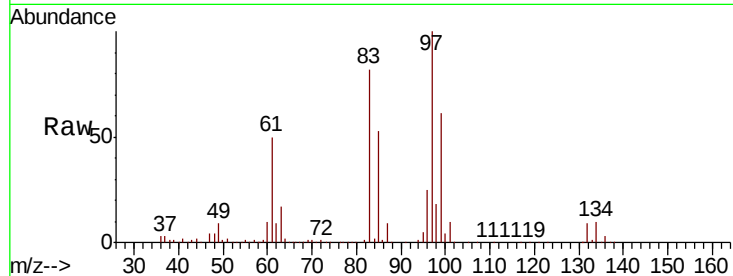




#55
 1,1,2-Trichloroethane
 Concen: 20.296 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010112.D
 Acq: 07 Jun 2019 16:40

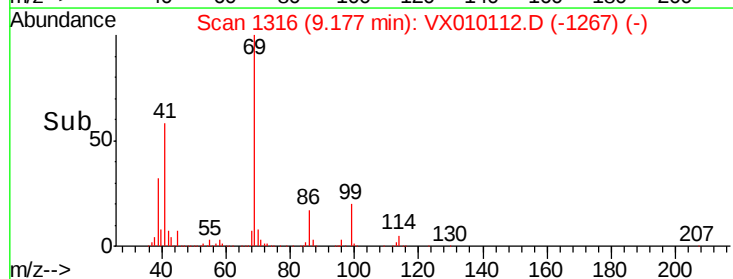
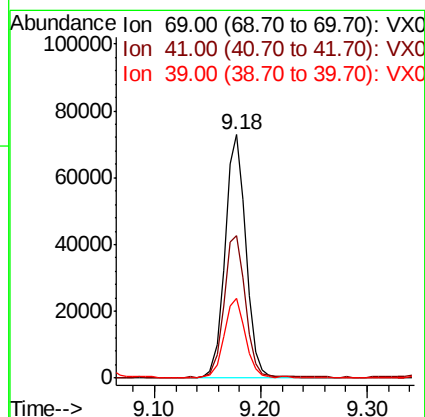
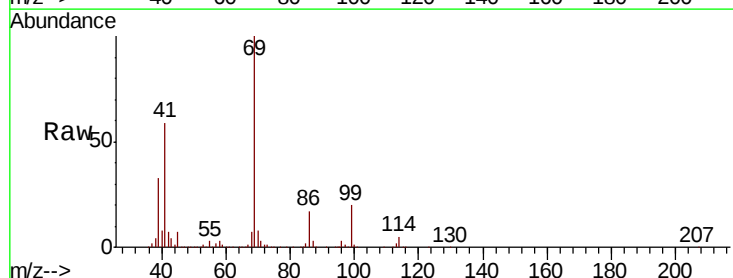
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS01

Tot Ion:	97	Resp:	64271
Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.8	104.8
85	52.7	45.3	67.9
99	61.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.932 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010112.D
 Acq: 07 Jun 2019 16:40

Tgt Ion:	69	Resp:	99706
Ion	Ratio	Lower	Upper
69	100		
41	60.0	62.7	94.1#
39	32.7	29.5	44.3





#57

1,3-Dichloropropane

Concen: 19.938 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

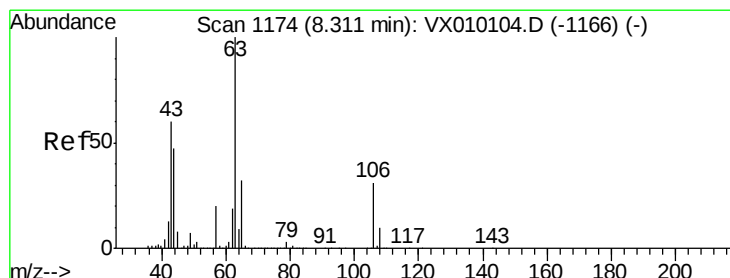
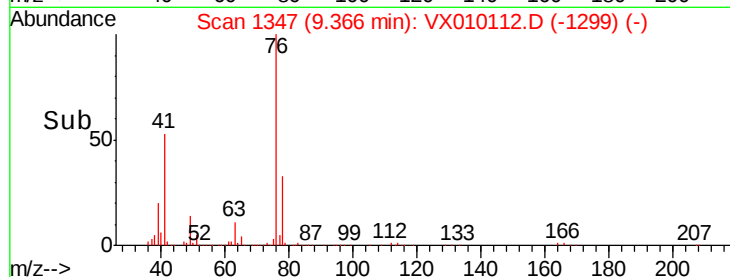
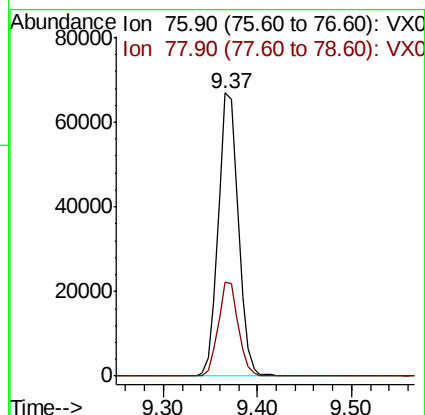
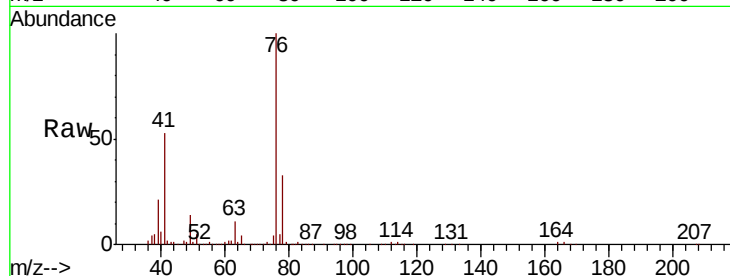
VX0607WBS01

Tot Ion: 76 Resp: 99401

Ion Ratio Lower Upper

76 100

78 33.2 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 97.894 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010112.D

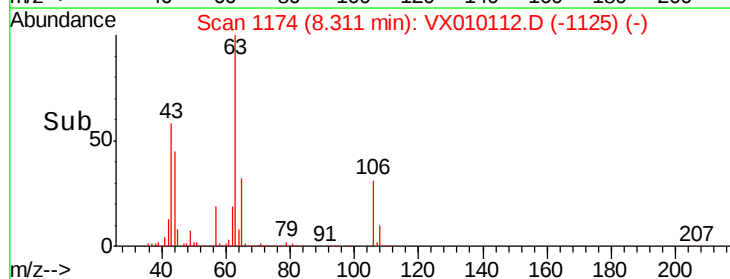
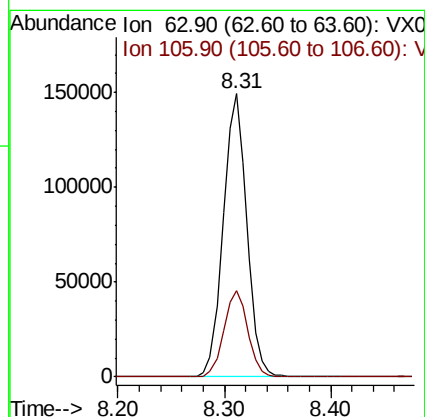
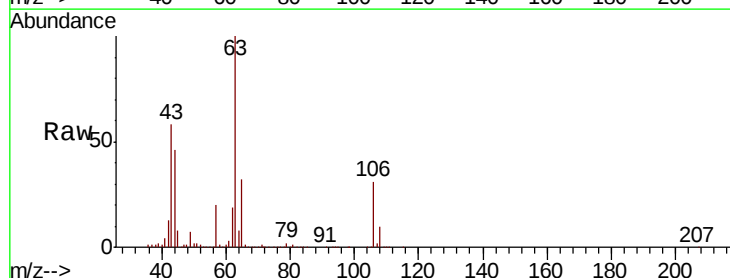
Acq: 07 Jun 2019 16:40

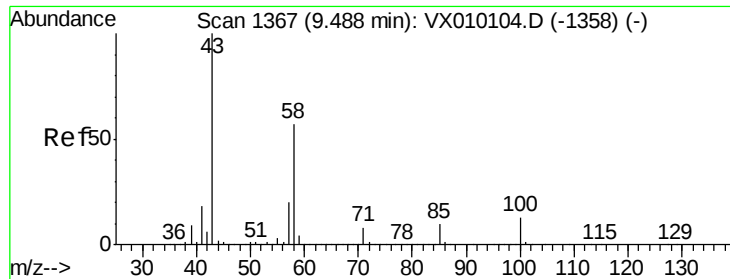
Tgt Ion: 63 Resp: 230851

Ion Ratio Lower Upper

63 100

106 30.9 19.4 29.2#

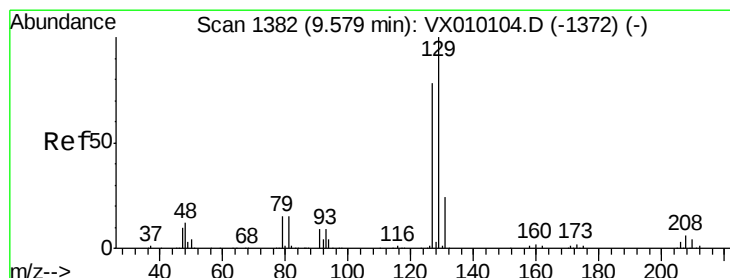
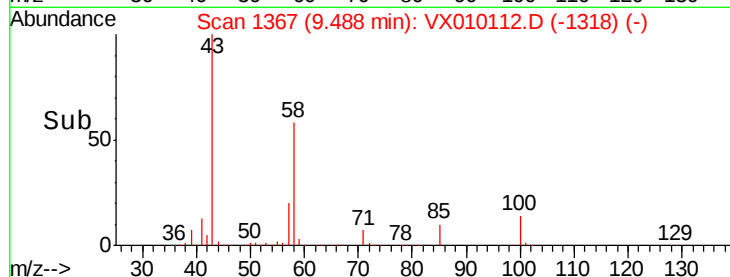
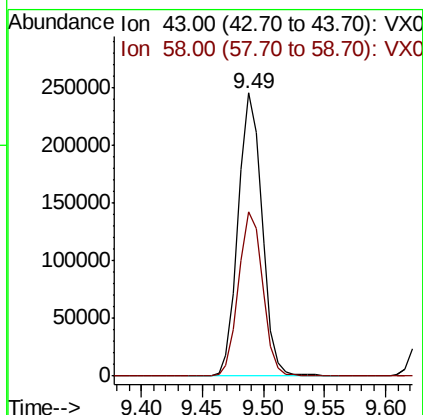
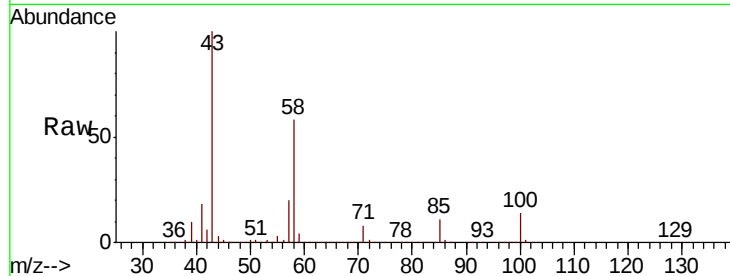




#59
2-Hexanone
Concen: 104.425 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

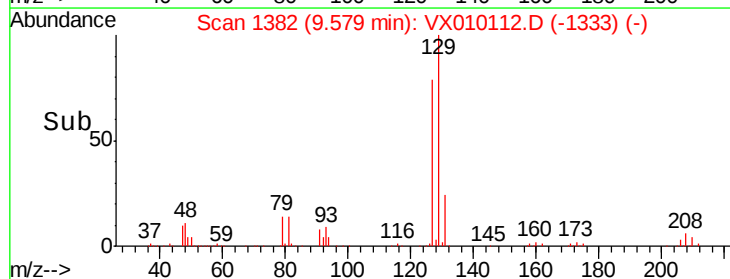
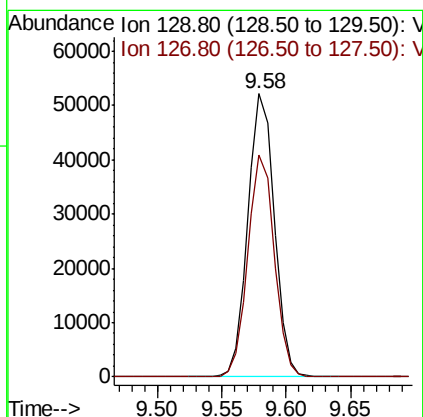
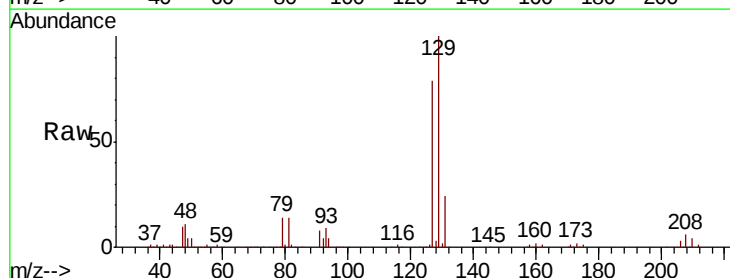
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

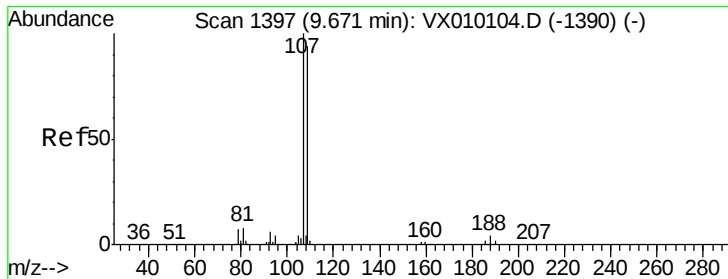
Tot Ion: 43 Resp: 329158
Ion Ratio Lower Upper
43 100
58 59.2 25.1 75.3



#60
Dibromochloromethane
Concen: 19.699 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion:129 Resp: 73787
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.558 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

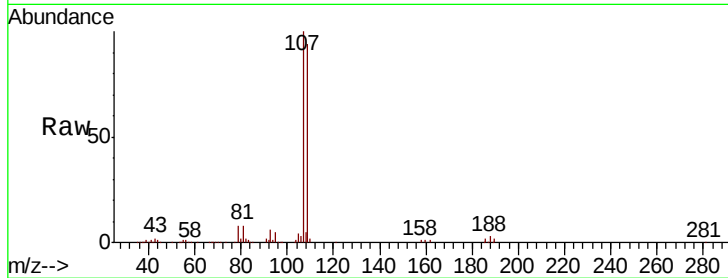
VX0607WBS01

Tot Ion:107 Resp: 68978

Ion Ratio Lower Upper

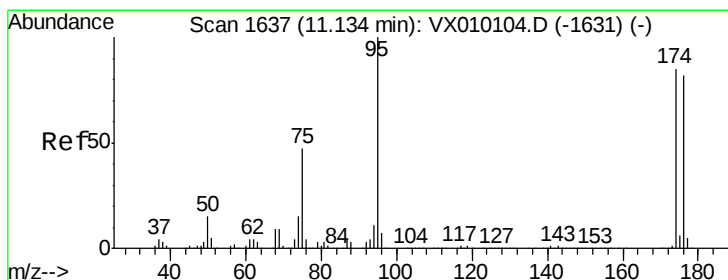
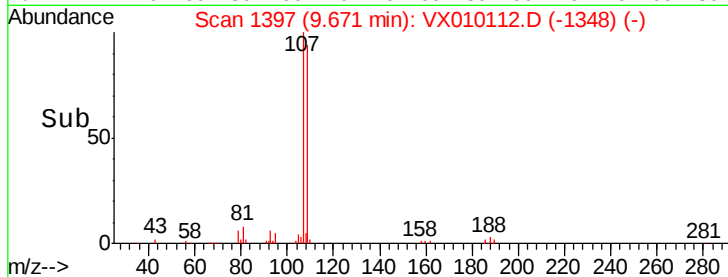
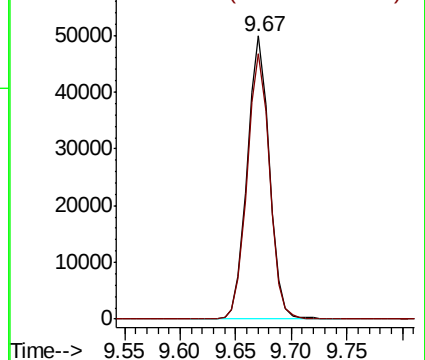
107 100

109 95.1 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: 51.778 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

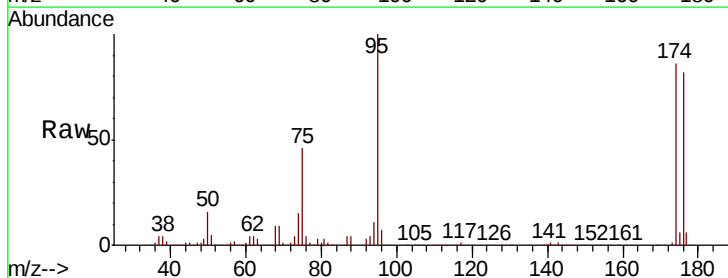
Tgt Ion: 95 Resp: 208433

Ion Ratio Lower Upper

95 100

174 88.0 0.0 160.4

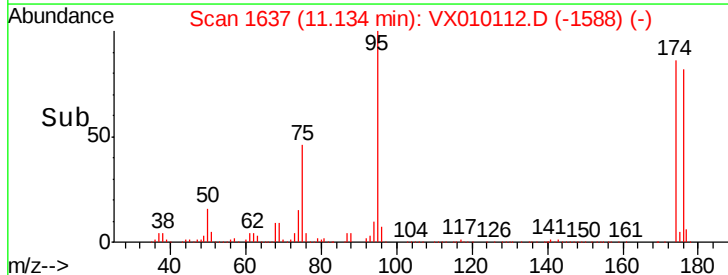
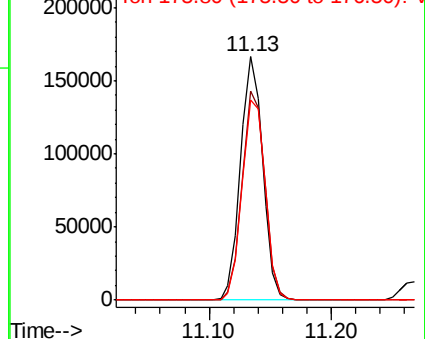
176 86.1 0.0 154.6

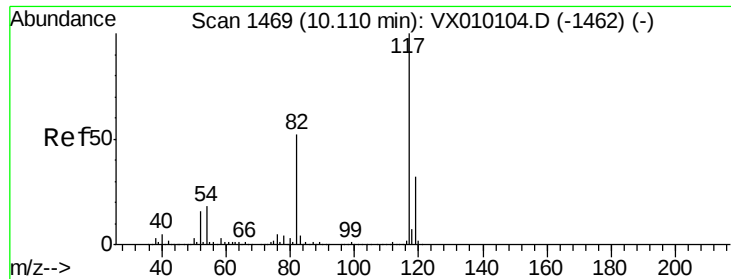


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

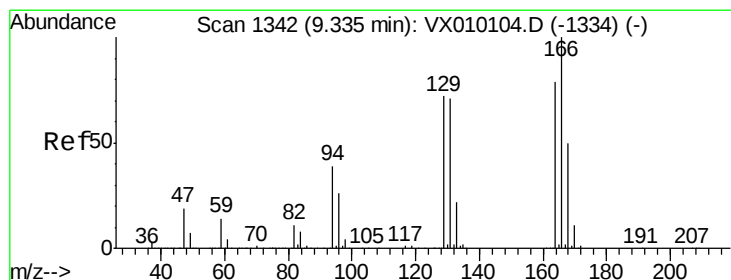
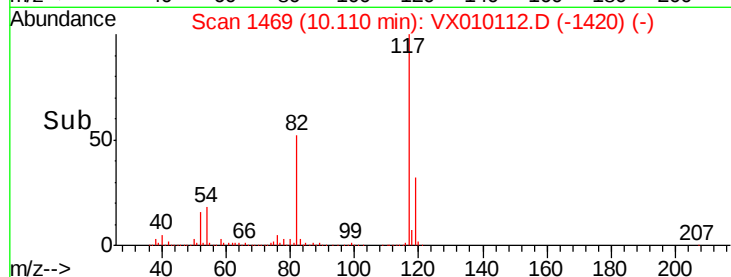
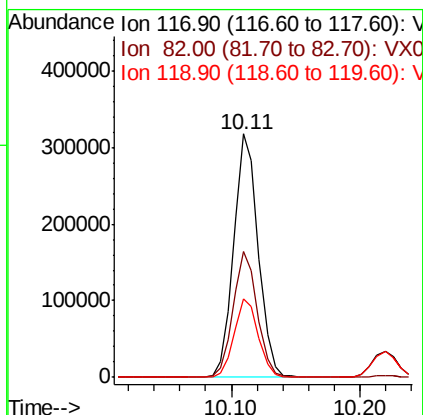
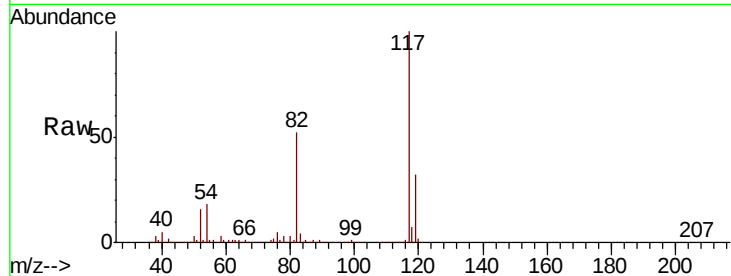




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

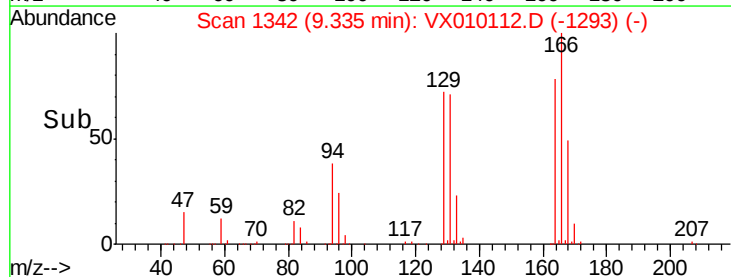
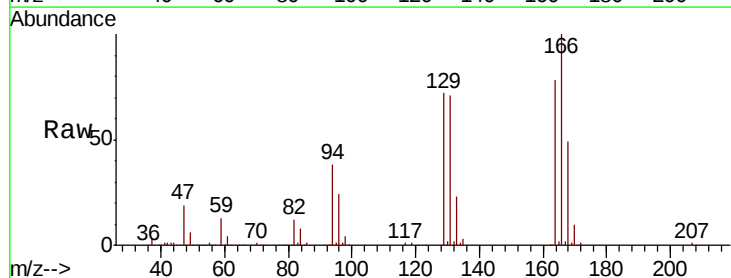
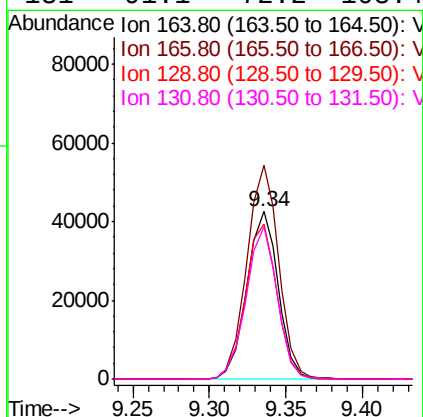
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

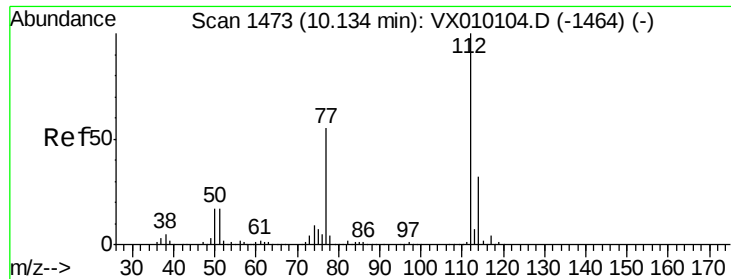
Tot Ion:117 Resp: 421137
Ion Ratio Lower Upper
117 100
82 51.9 49.2 73.8
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 19.389 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion:164 Resp: 60647
Ion Ratio Lower Upper
164 100
166 127.8 105.0 157.4
129 92.5 75.1 112.7
131 91.1 72.2 108.4





#65

Chlorobenzene

Concen: 19.871 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampled :

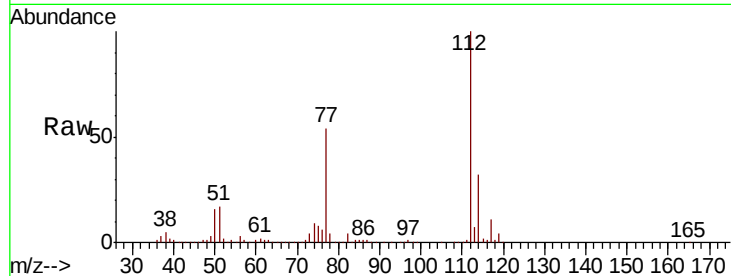
VX0607WBS01

Tot Ion:112 Resp: 172717

Ion Ratio Lower Upper

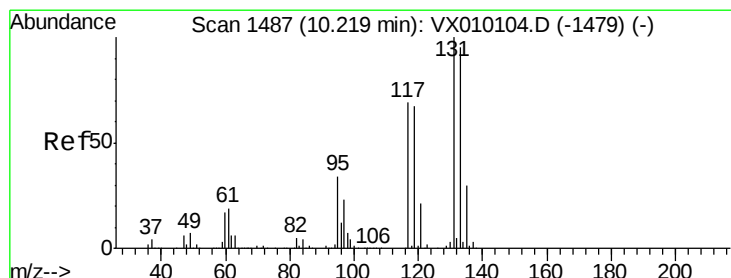
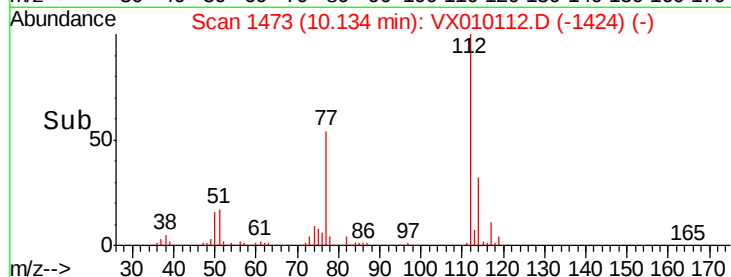
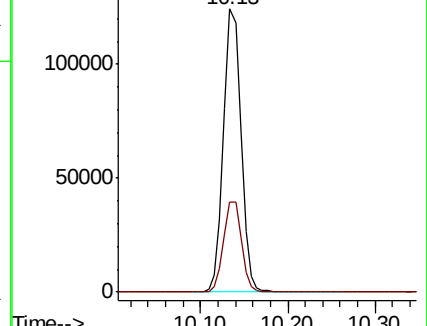
112 100

114 31.9 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.712 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

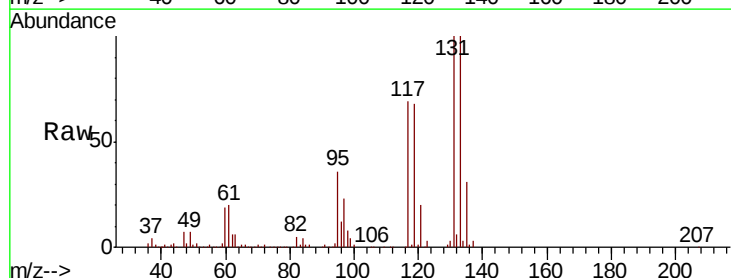
Tgt Ion:131 Resp: 65889

Ion Ratio Lower Upper

131 100

133 97.2 47.5 142.6

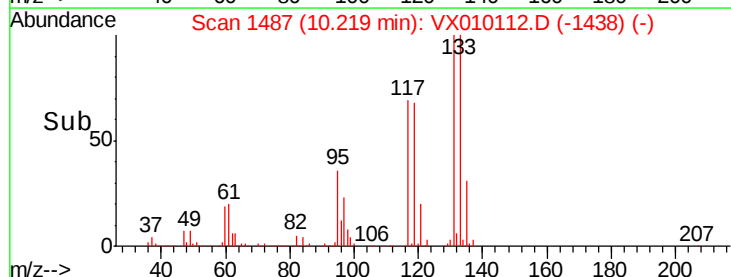
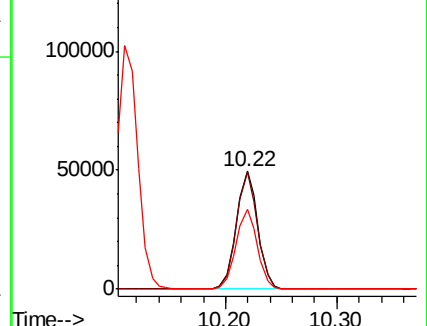
119 67.7 33.4 100.1

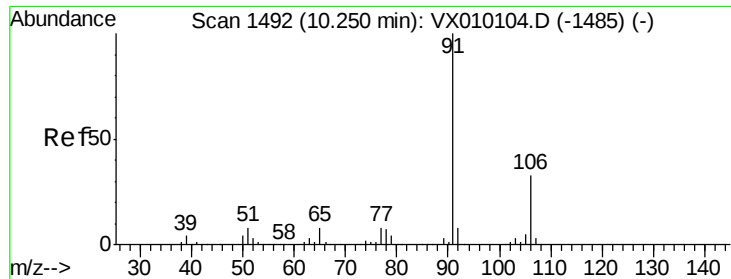


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

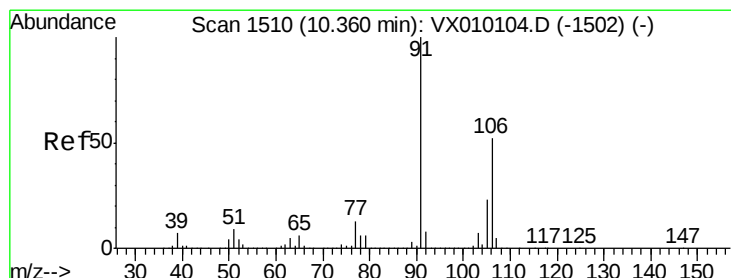
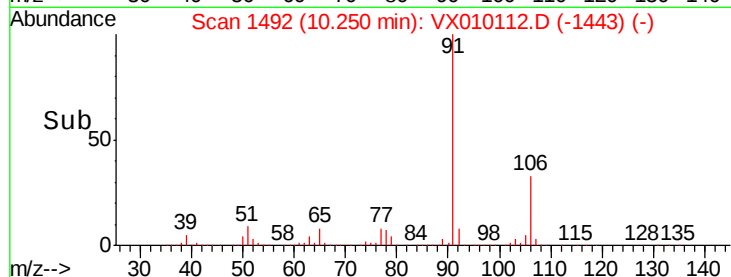
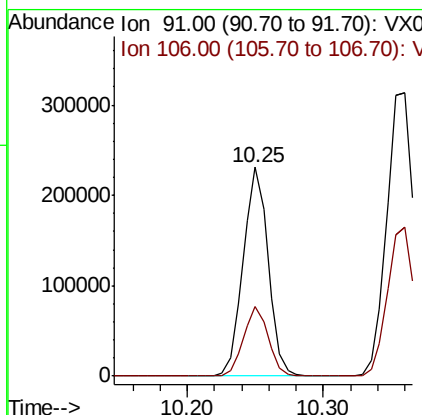
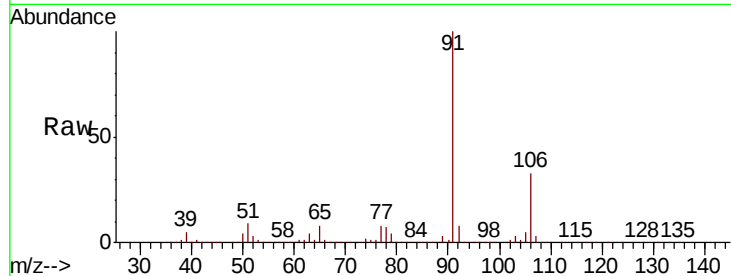




#67
Ethyl Benzene
Concen: 20.041 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

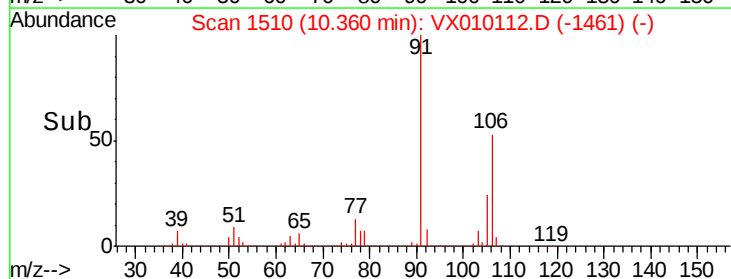
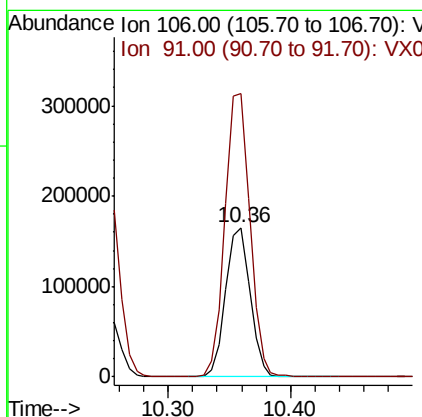
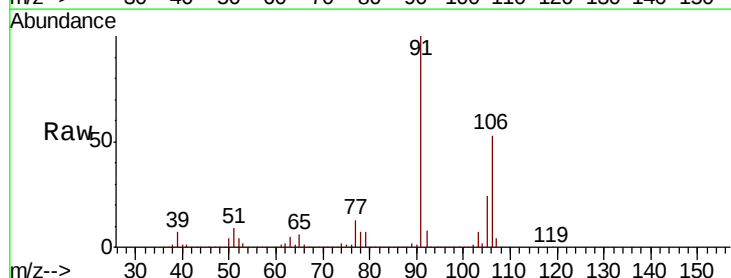
Instrument :
MSVOA_X
ClientSampled :
VX0607WBS01

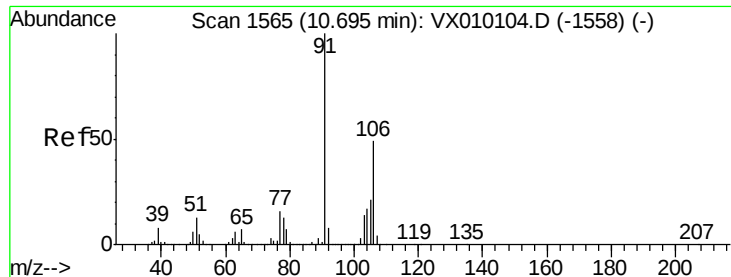
Tot Ion: 91 Resp: 296535
Ion Ratio Lower Upper
91 100
106 33.3 23.9 35.9



#68
m/p-Xylenes
Concen: 39.947 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion: 106 Resp: 228732
Ion Ratio Lower Upper
106 100
91 194.4 167.3 250.9

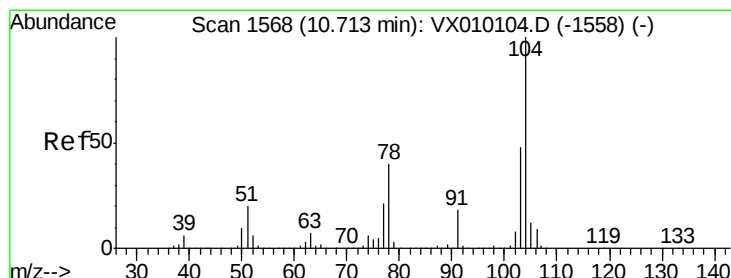
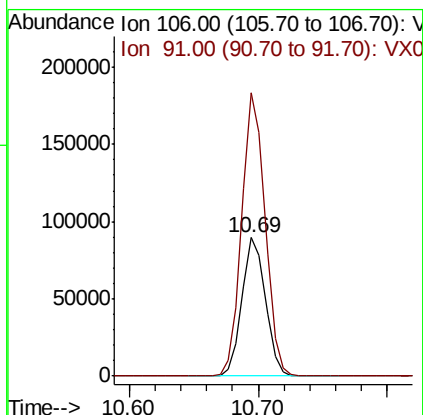
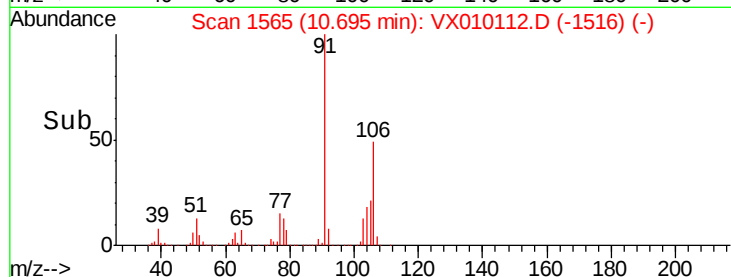
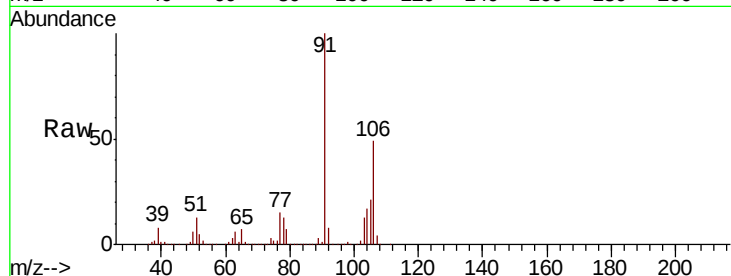




#69
o-Xylene
Concen: 19.896 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

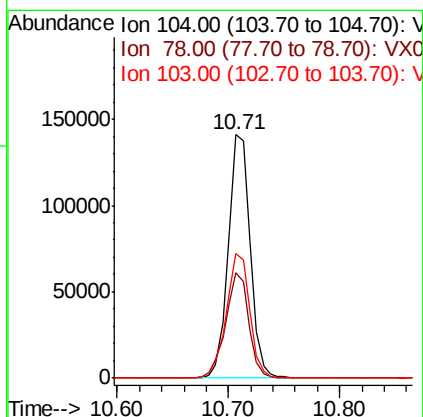
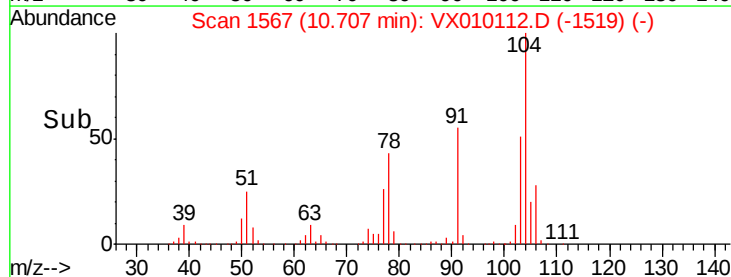
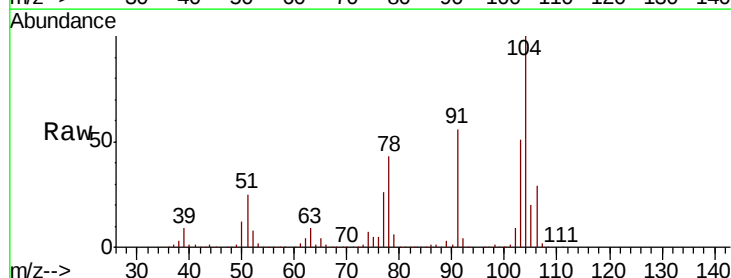
Instrument :
MSVOA_X
ClientSampled :
VX0607WBS01

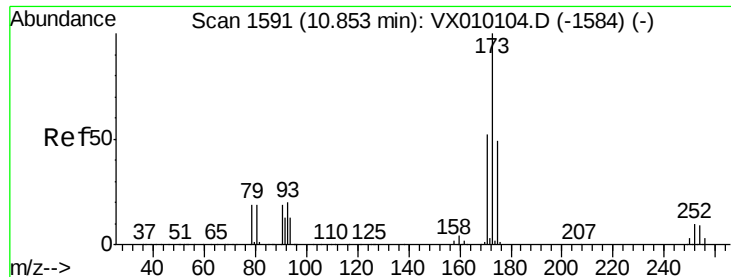
Tot Ion:106 Resp: 113243
Ion Ratio Lower Upper
106 100
91 202.8 110.4 331.2



#70
Styrene
Concen: 19.951 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion:104 Resp: 192330
Ion Ratio Lower Upper
104 100
78 46.0 42.1 63.1
103 54.7 44.1 66.1





#71

Bromoform

Concen: 20.056 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

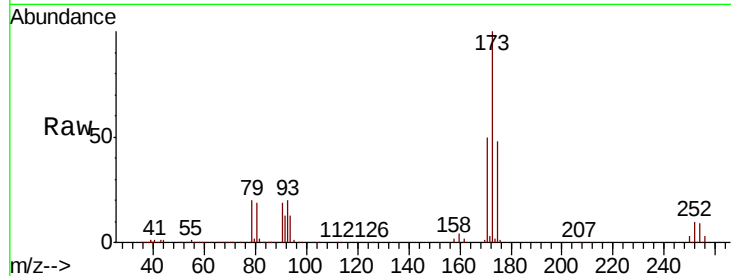
Tot Ion:173 Resp: 61630

Ion Ratio Lower Upper

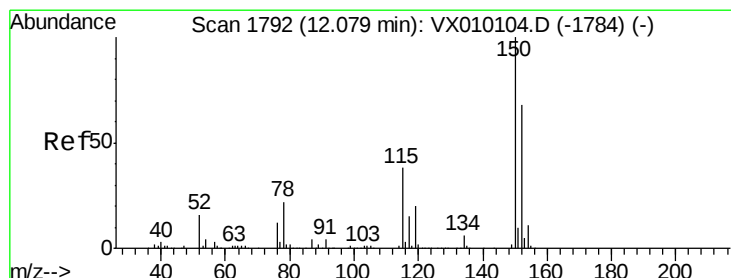
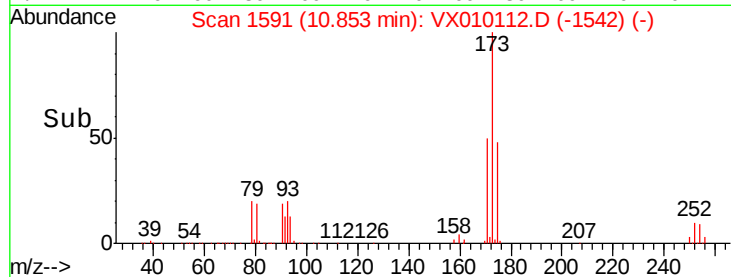
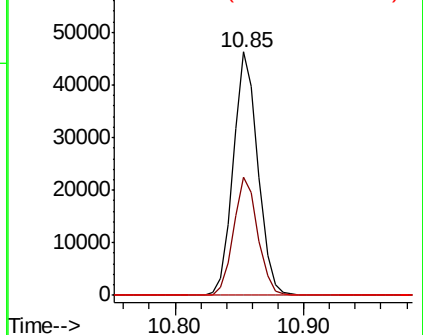
173 100

175 48.0 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: VX010112.D

Acq: 07 Jun 2019 16:40

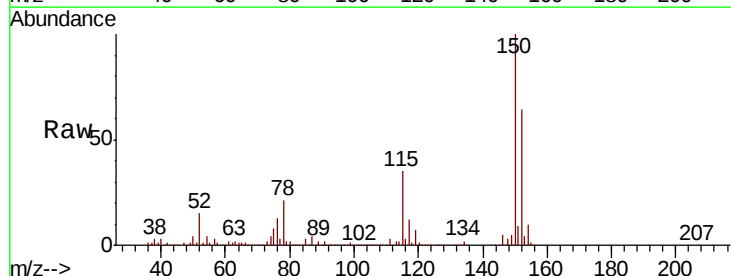
Tgt Ion:152 Resp: 210699

Ion Ratio Lower Upper

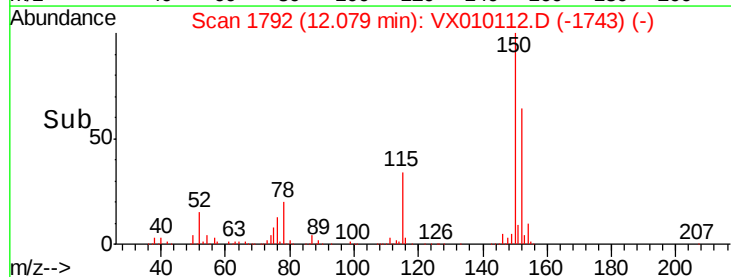
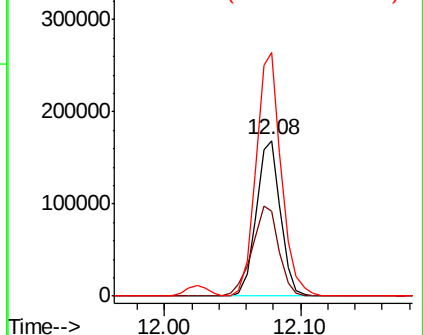
152 100

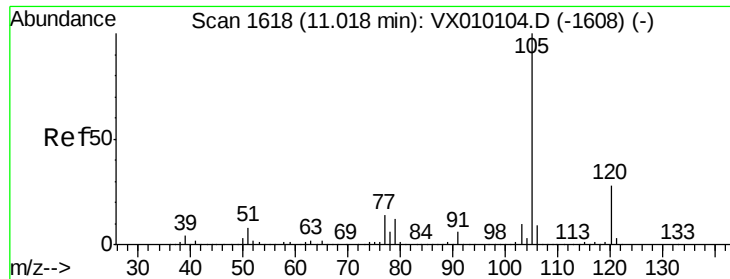
115 64.1 41.4 124.2

150 163.1 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: 20.156 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

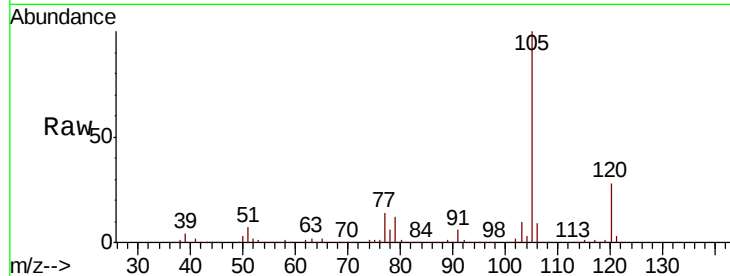
VX0607WBS01

Tot Ion:105 Resp: 296462

Ion Ratio Lower Upper

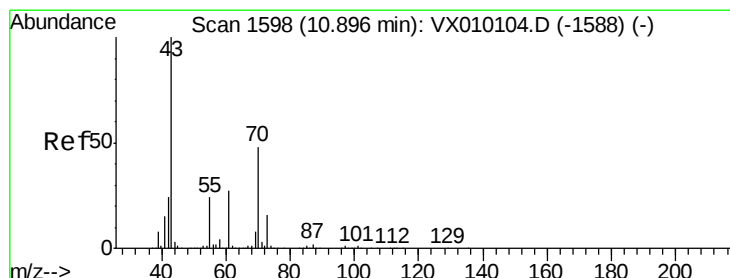
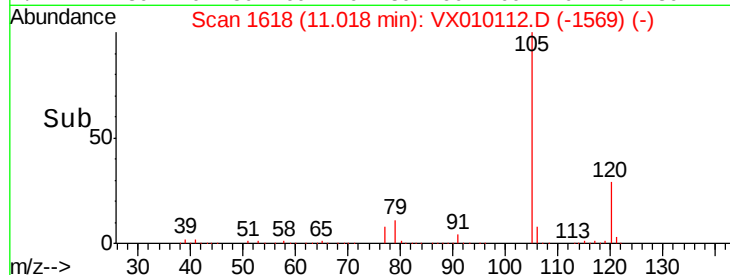
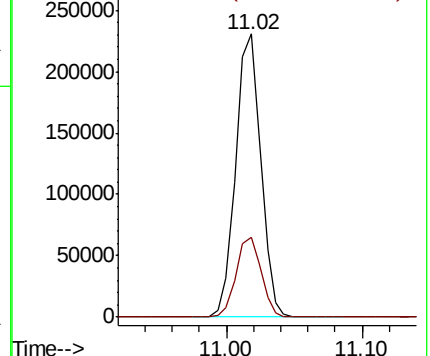
105 100

120 28.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.416 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Tgt Ion: 43 Resp: 118699

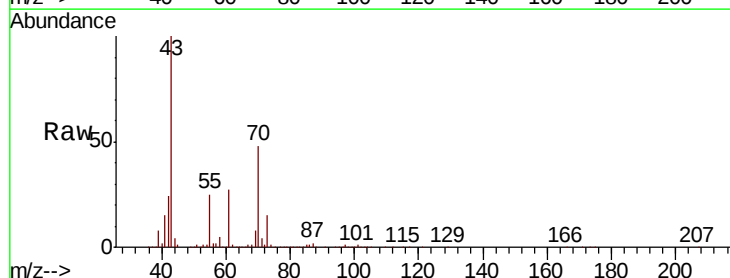
Ion Ratio Lower Upper

43 100

70 46.3 28.6 43.0#

55 24.2 17.8 26.8

61 26.4 17.7 26.5

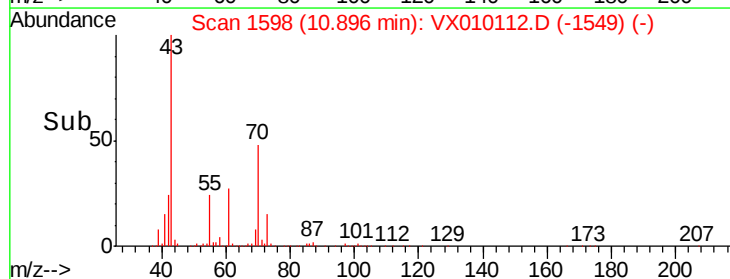
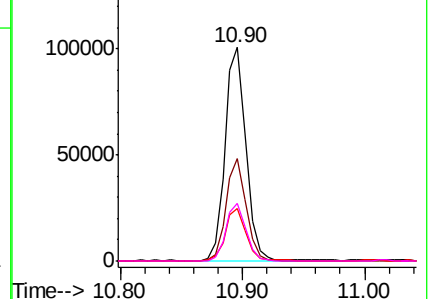


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.136 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

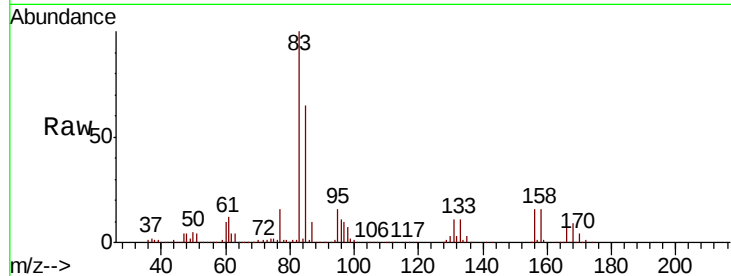
Tot Ion: 83 Resp: 101379

Ion	Ratio	Lower	Upper
83	100		
131	11.4	4.7	14.1
85	66.2	31.9	95.9

83 100

131 11.4 4.7 14.1

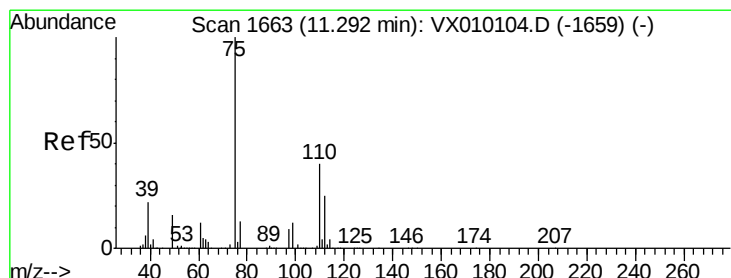
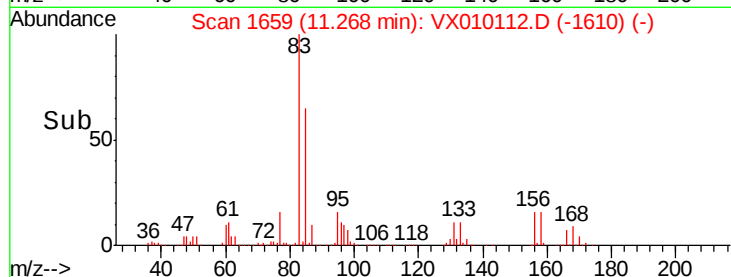
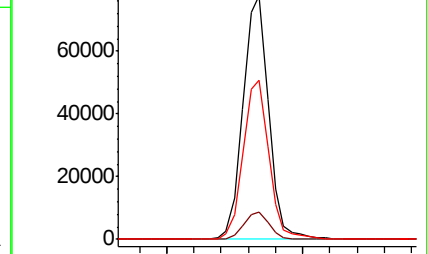
85 66.2 31.9 95.9



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: 27.652 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010112.D

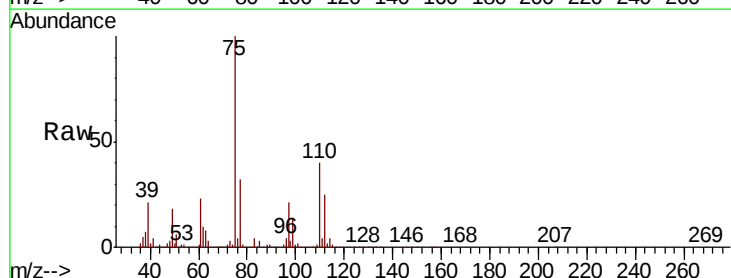
Acq: 07 Jun 2019 16:40

Tgt Ion: 75 Resp: 116536

Ion	Ratio	Lower	Upper
75	100		
77	33.1	22.1	66.1

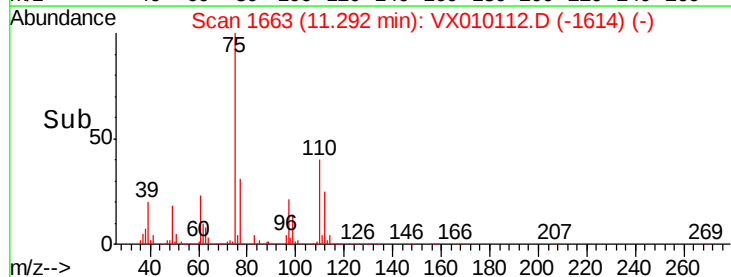
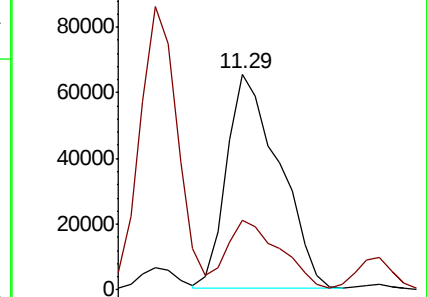
75 100

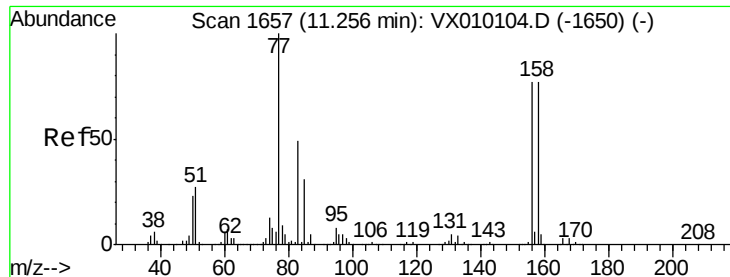
77 33.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.720 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

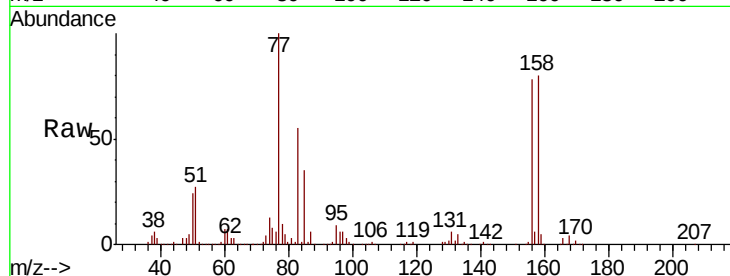
VX0607WBS01

Tot Ion:156 Resp: 79761

Ion	Ratio	Lower	Upper
156	100		
77	138.9	86.8	260.3
158	99.5	49.6	148.8

77 138.9 86.8 260.3

158 99.5 49.6 148.8

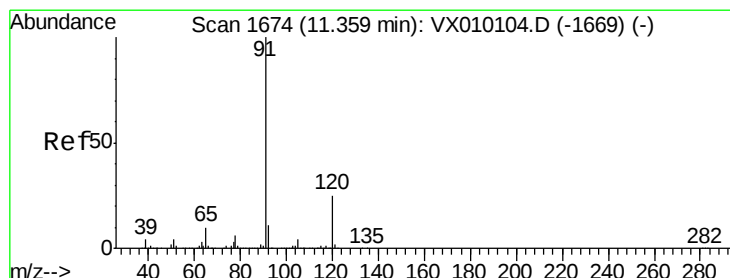
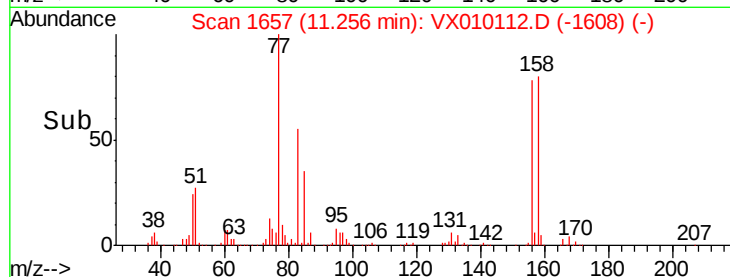
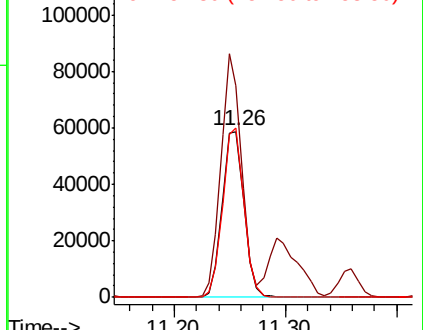


Abundance

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: 19.812 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010112.D

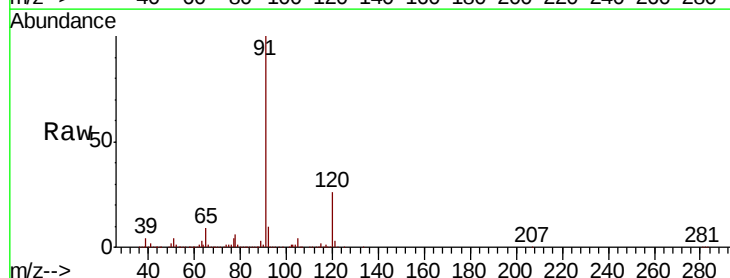
Acq: 07 Jun 2019 16:40

Tgt Ion: 91 Resp: 324405

Ion	Ratio	Lower	Upper
91	100		
120	25.4	11.1	33.3

91 100

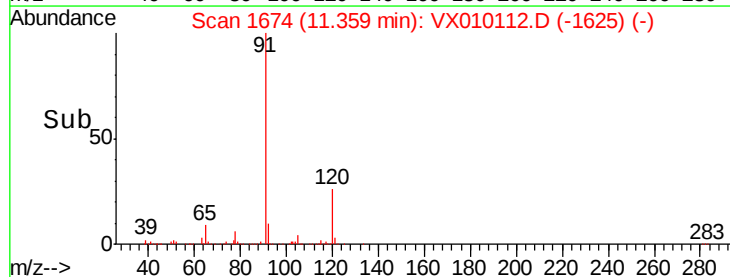
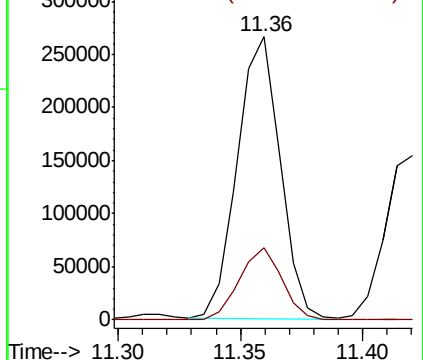
120 25.4 11.1 33.3

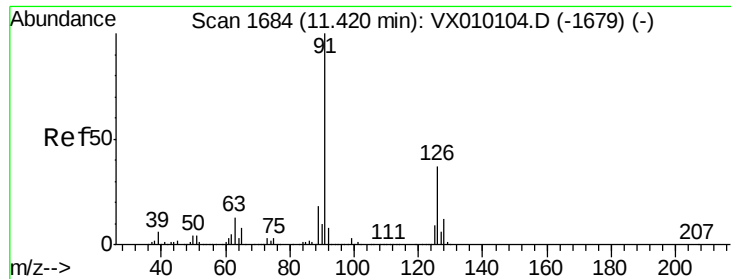


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.805 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

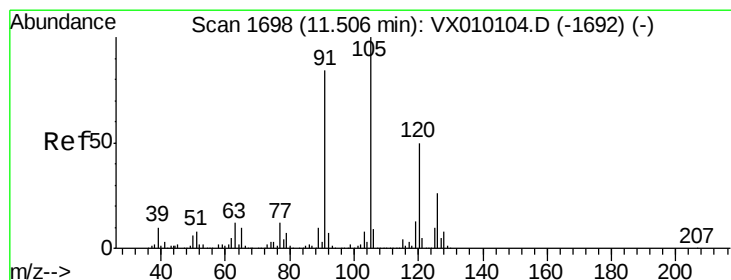
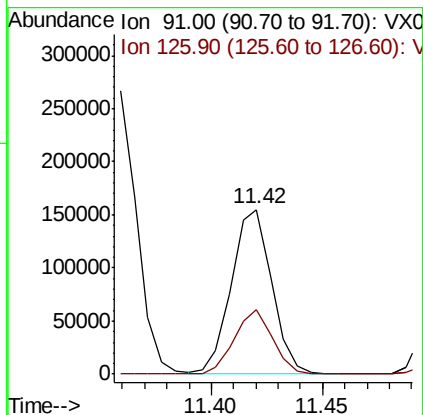
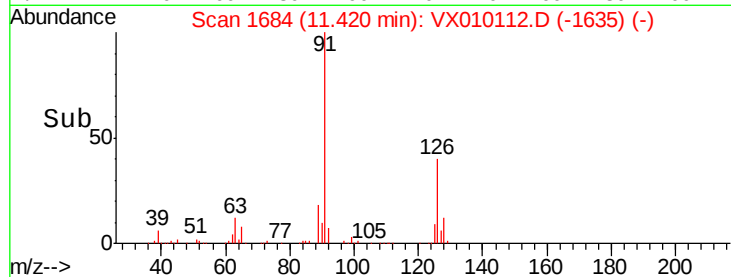
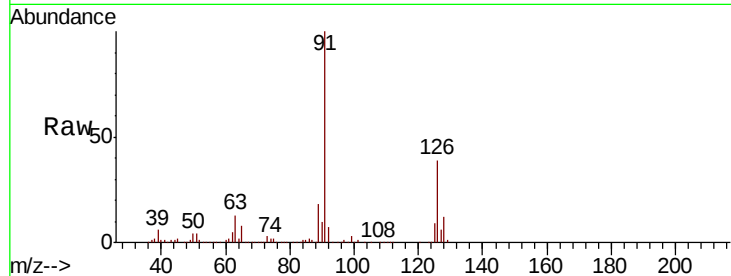
VX0607WBS01

Tot Ion: 91 Resp: 194770

Ion Ratio Lower Upper

91 100

126 37.9 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 20.041 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010112.D

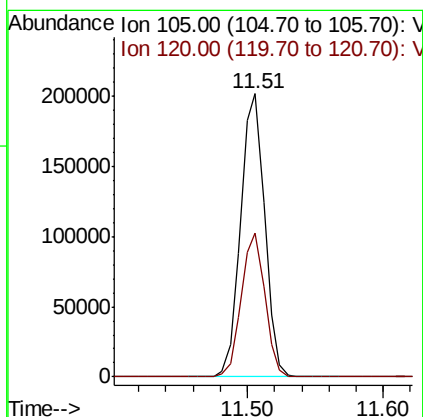
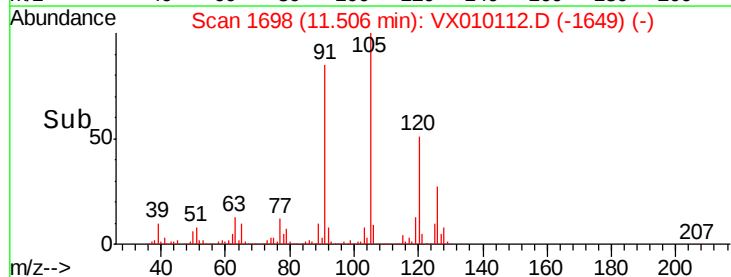
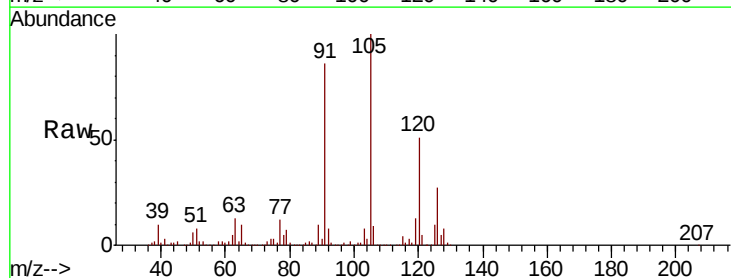
Acq: 07 Jun 2019 16:40

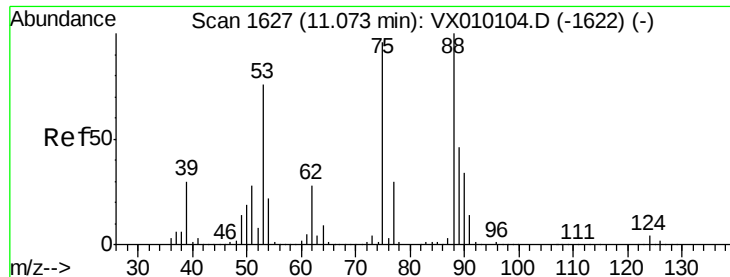
Tgt Ion:105 Resp: 248269

Ion Ratio Lower Upper

105 100

120 50.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 20.095 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

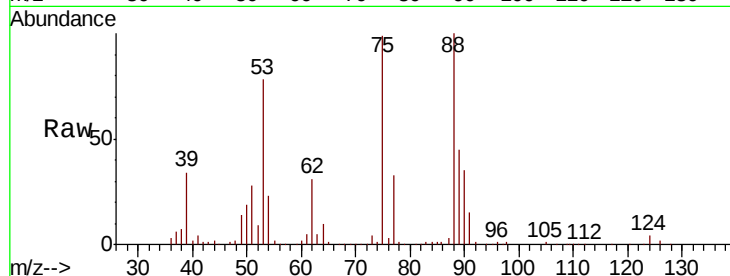
Tot Ion: 75 Resp: 38330

Ion Ratio Lower Upper

75 100

53 77.8 79.8 119.6#

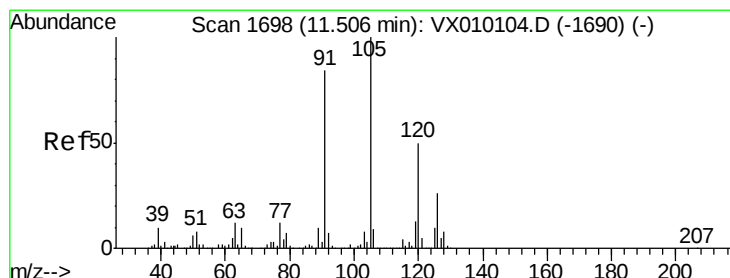
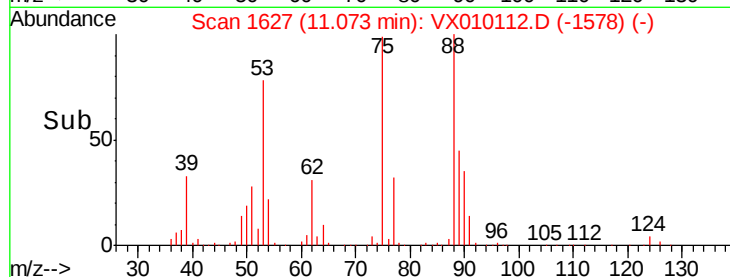
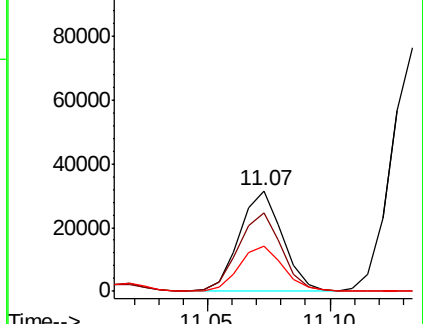
89 47.1 34.2 51.4



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: 20.032 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010112.D

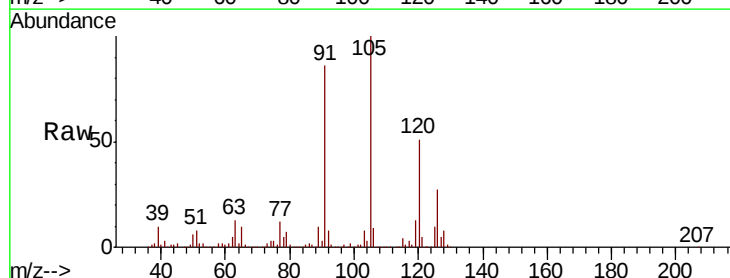
Acq: 07 Jun 2019 16:40

Tgt Ion: 91 Resp: 223788

Ion Ratio Lower Upper

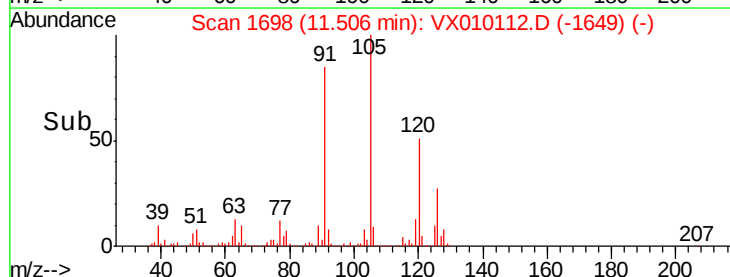
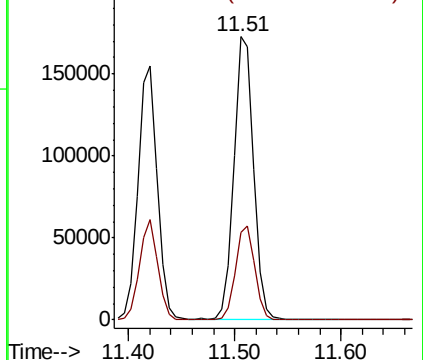
91 100

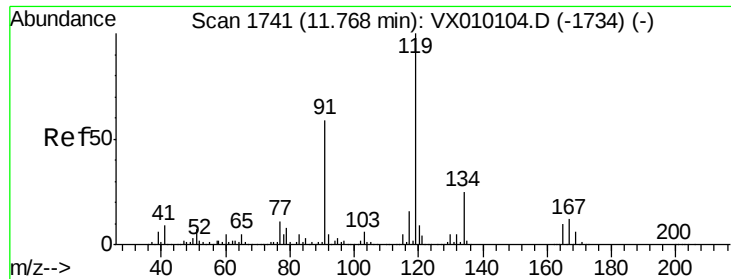
126 32.5 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

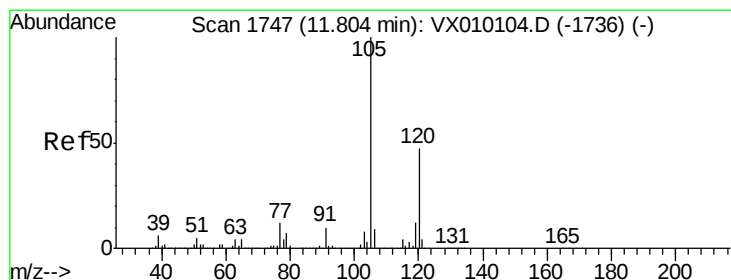
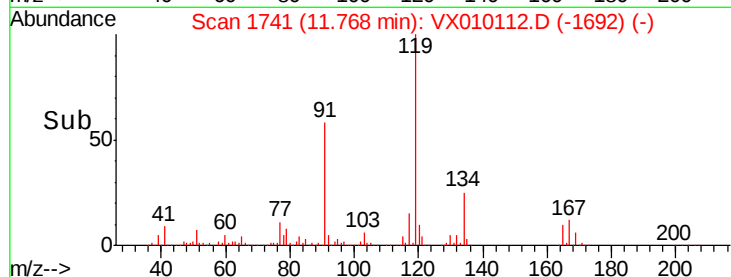
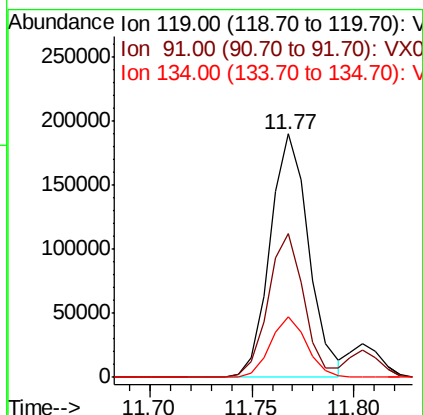
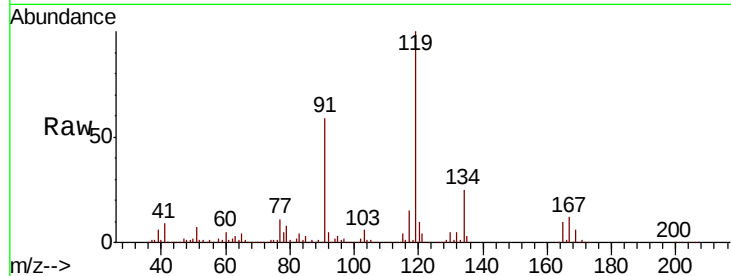




#83
tert-Butylbenzene
Concen: 19.985 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

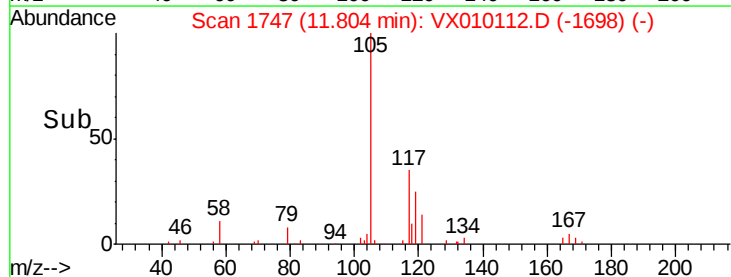
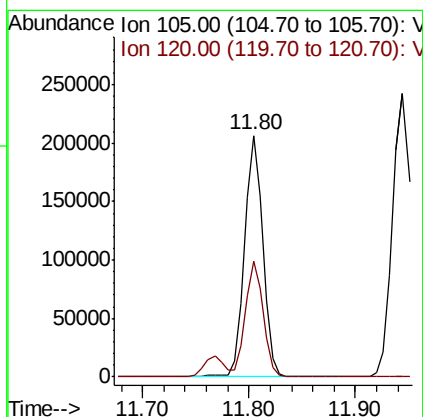
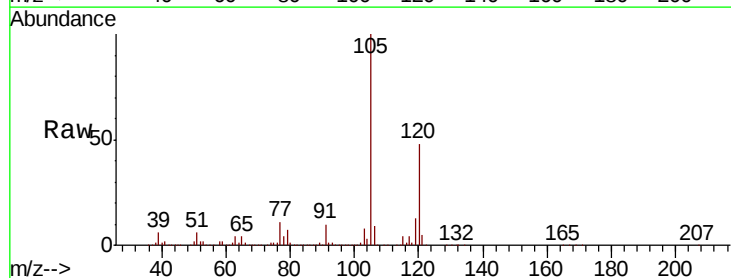
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

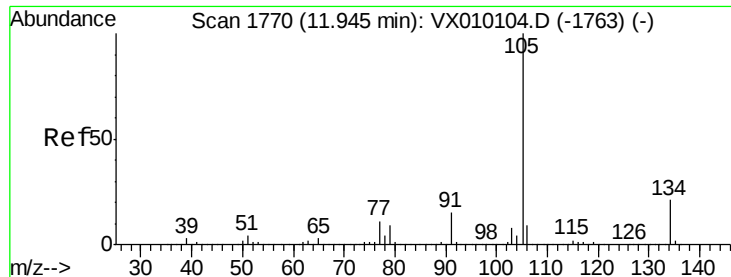
Tot Ion:119 Resp: 250582
Ion Ratio Lower Upper
119 100
91 54.9 30.0 90.0
134 23.5 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 19.959 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion:105 Resp: 249757
Ion Ratio Lower Upper
105 100
120 46.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 19.841 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampled :

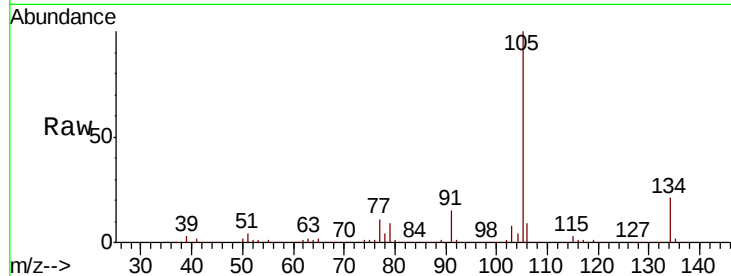
VX0607WBS01

Tot Ion:105 Resp: 289841

Ion Ratio Lower Upper

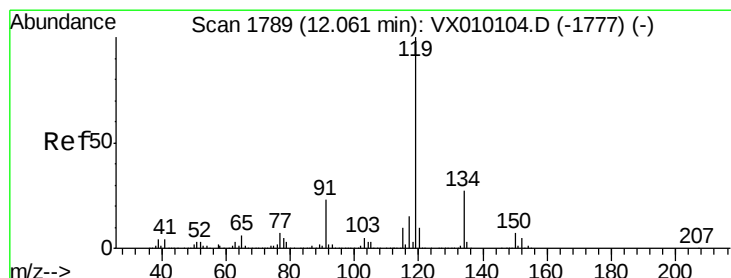
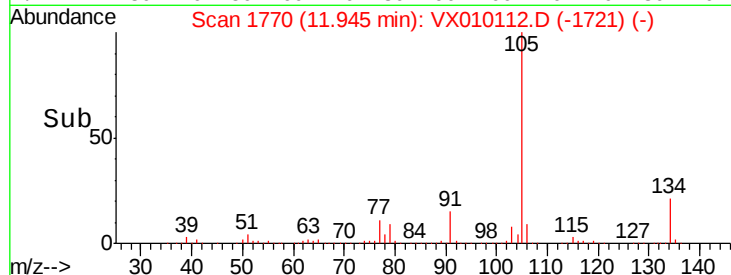
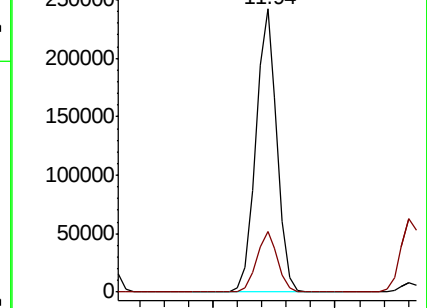
105 100

134 21.2 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: 19.965 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

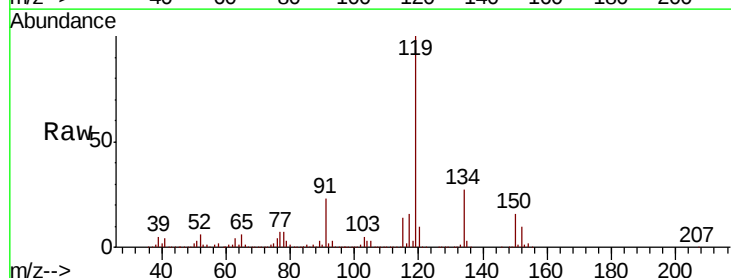
Tgt Ion:119 Resp: 266627

Ion Ratio Lower Upper

119 100

134 27.5 12.9 38.6

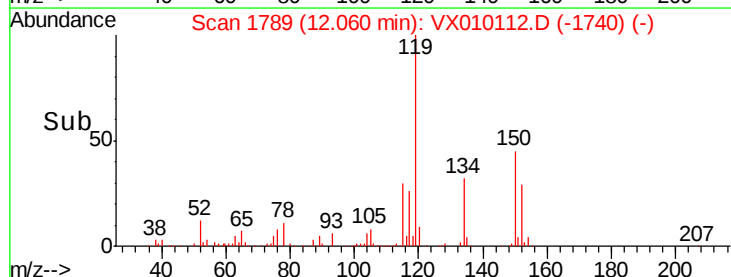
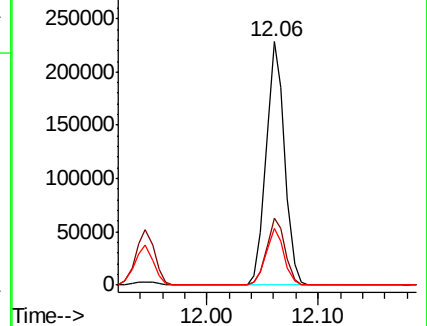
91 23.0 11.9 35.9

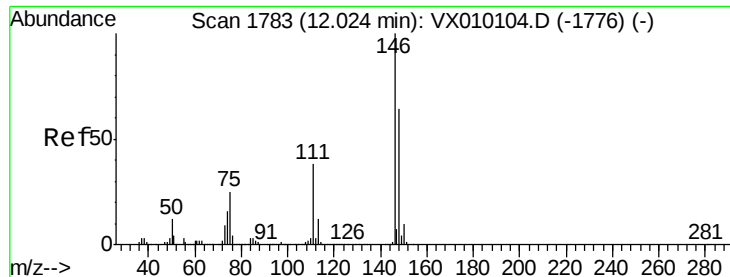


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

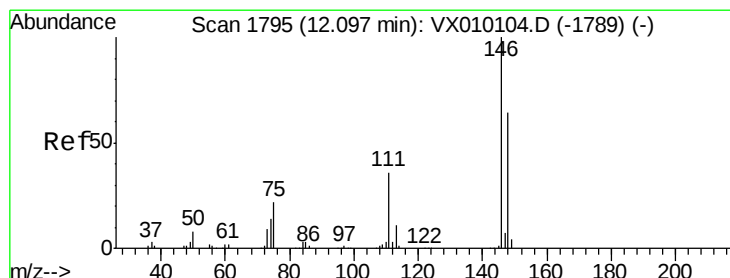
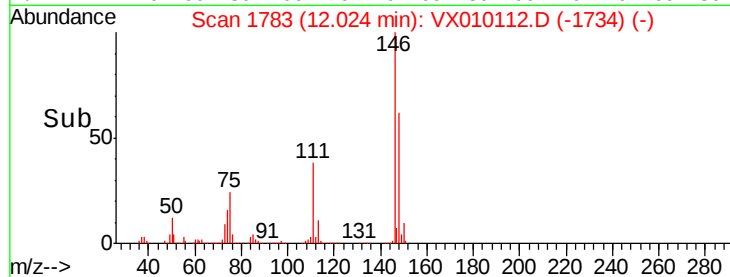
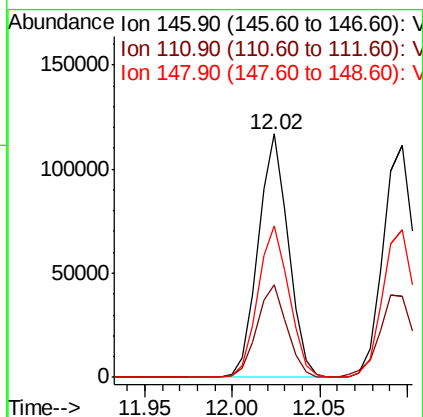
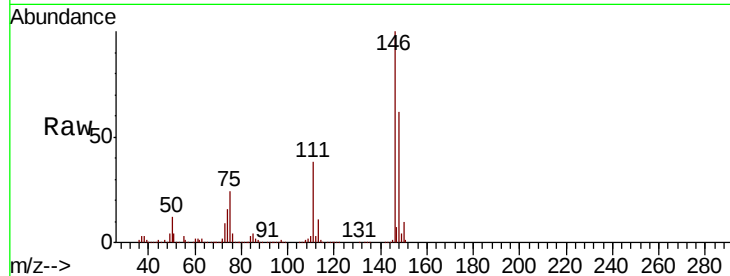




#87
 1,3-Dichlorobenzene
 Concen: 19.648 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010112.D
 Acq: 07 Jun 2019 16:40

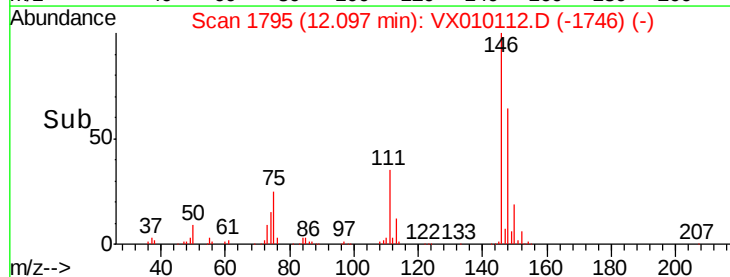
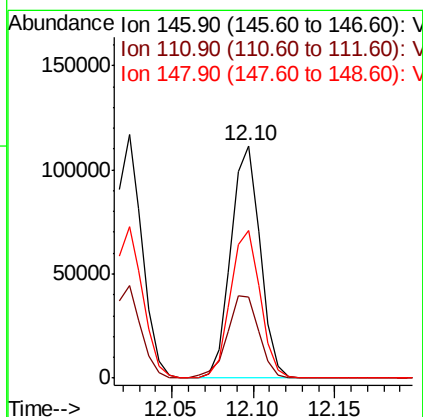
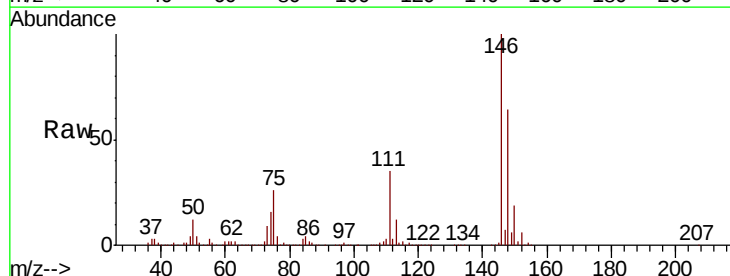
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS01

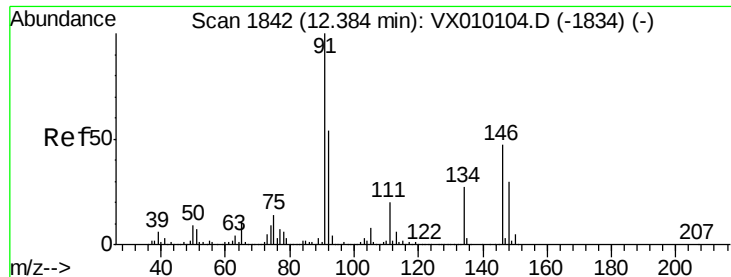
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.1	60.2
148	64.5	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.382 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010112.D
 Acq: 07 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.0	59.9
148	65.0	32.3	96.9

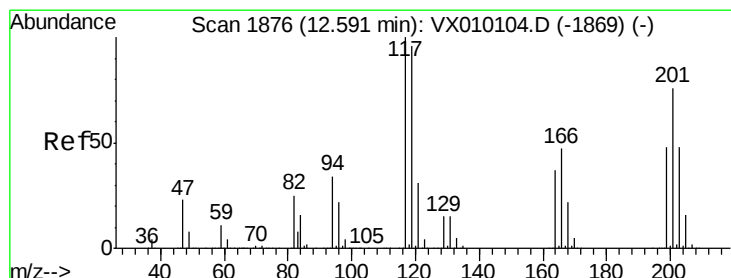
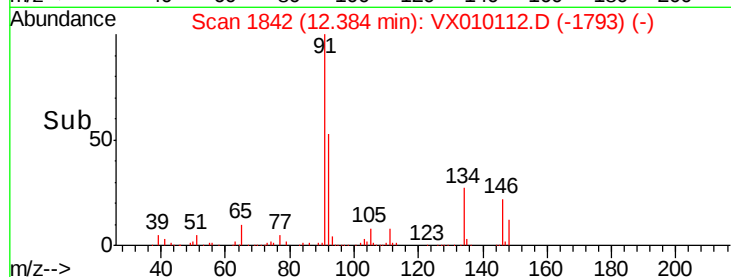
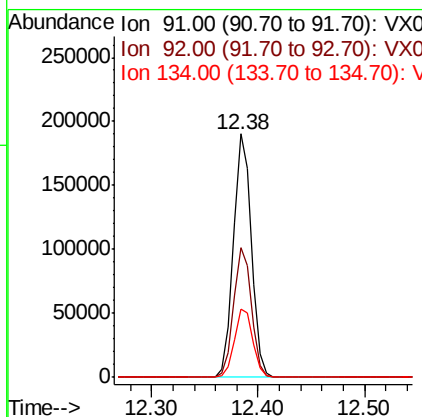
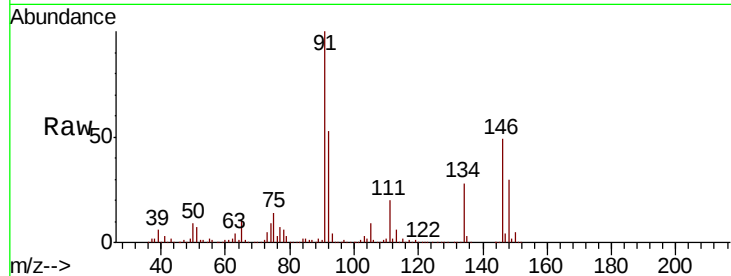




#89
n-Butylbenzene
Concen: 19.712 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

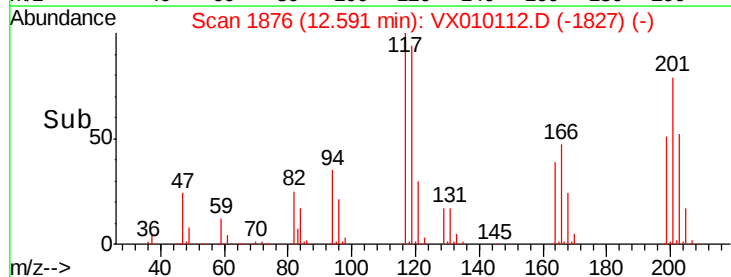
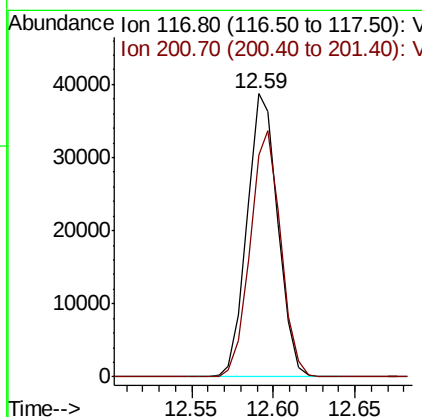
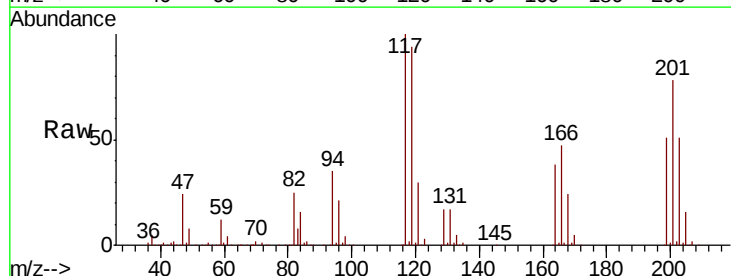
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

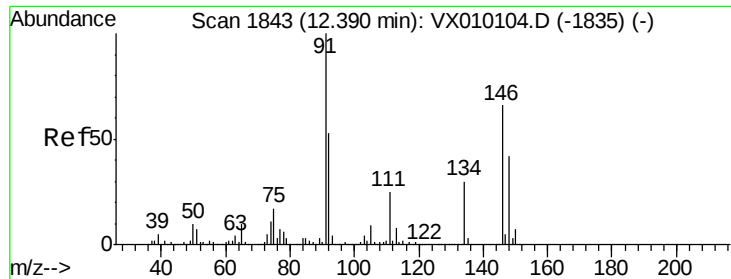
Tot Ion: 91 Resp: 226594
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.8
134 28.5 12.3 36.8



#90
Hexachloroethane
Concen: 19.206 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010112.D
Acq: 07 Jun 2019 16:40

Tgt Ion: 117 Resp: 51093
Ion Ratio Lower Upper
117 100
201 85.6 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 20.382 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampled :

VX0607WBS01

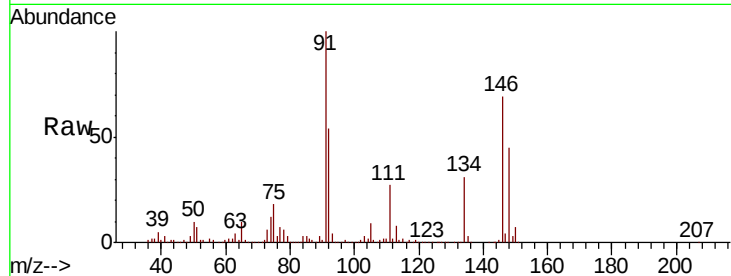
Tot Ion:146 Resp: 141170

Ion Ratio Lower Upper

146 100

111 38.7 21.1 63.1

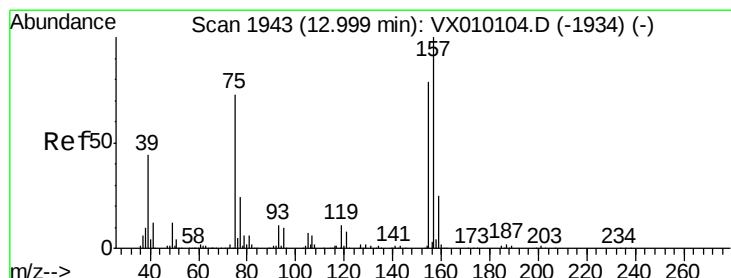
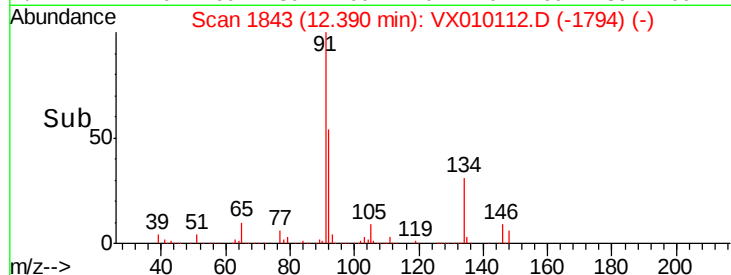
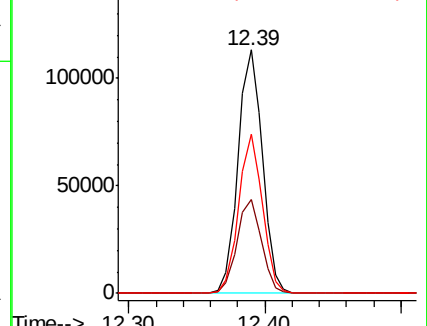
148 63.8 32.3 96.8



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: 19.350 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

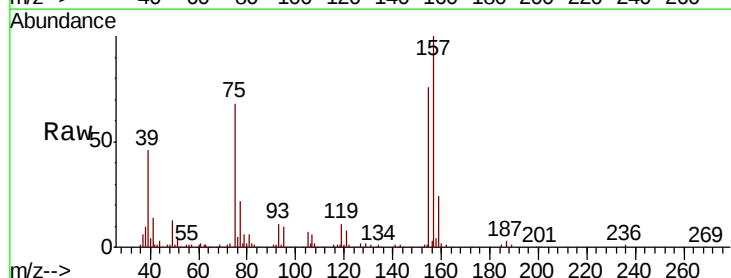
Tgt Ion: 75 Resp: 22925

Ion Ratio Lower Upper

75 100

155 106.2 39.3 117.8

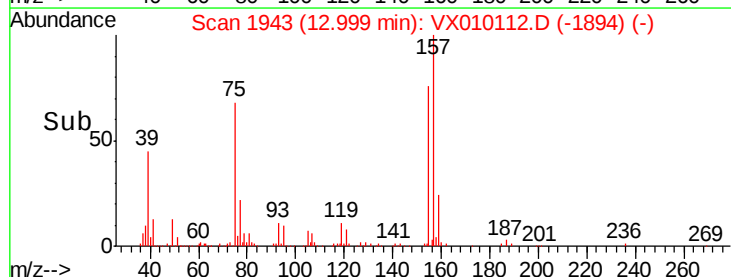
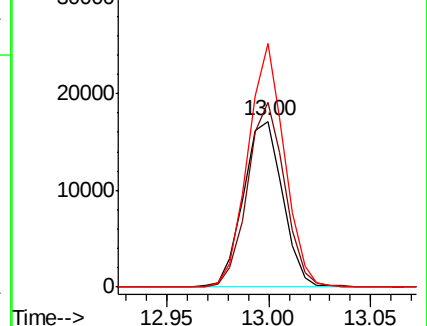
157 136.3 50.6 151.8



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: 19.157 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampled :

VX0607WBS01

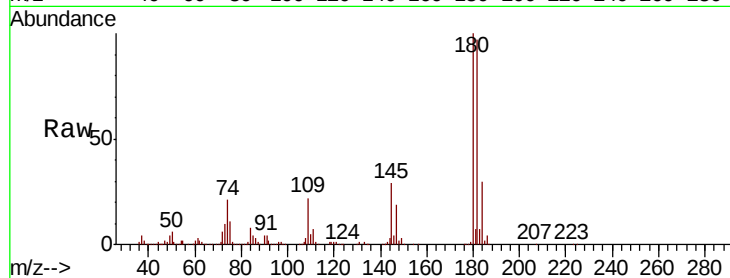
Tot Ion:180 Resp: 97124

Ion Ratio Lower Upper

180 100

182 95.0 47.4 142.2

145 29.6 14.5 43.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

100000

80000

60000

40000

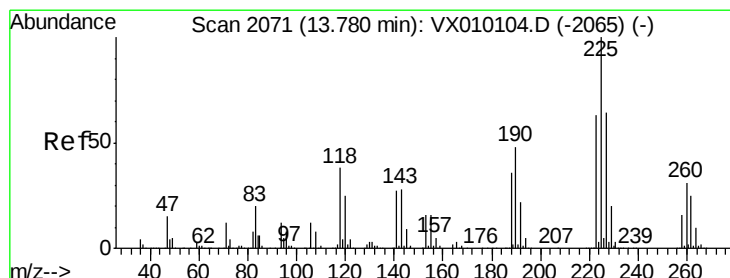
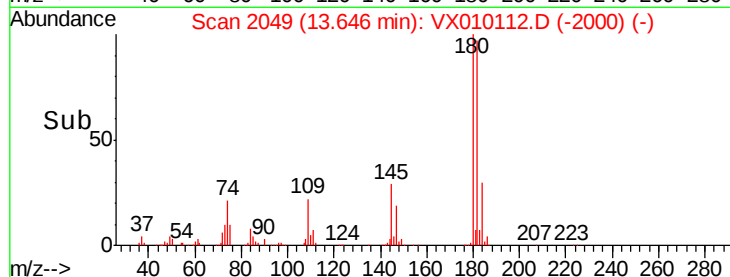
20000

0

13.65

13.60 13.65 13.70

Time-->



#94

Hexachlorobutadiene

Concen: 19.420 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

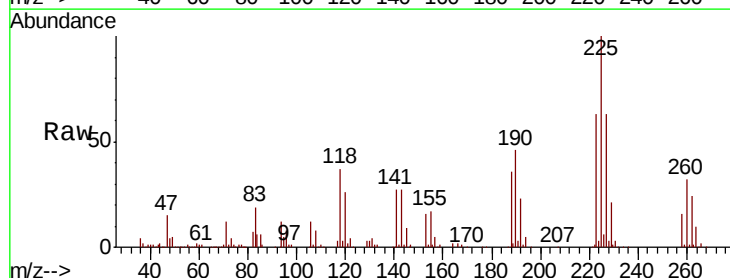
Tgt Ion:225 Resp: 43787

Ion Ratio Lower Upper

225 100

223 62.9 31.3 93.8

227 62.9 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

50000

40000

30000

20000

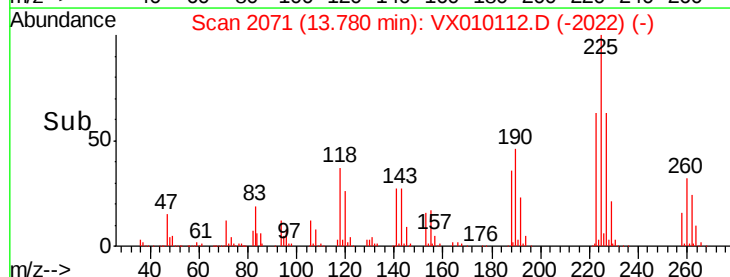
10000

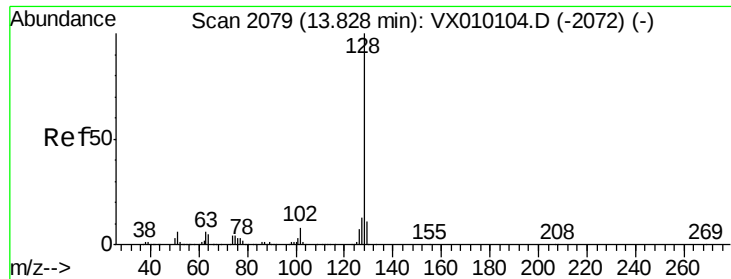
0

13.78

13.75 13.80

Time-->





#95

Naphthalene

Concen: 19.933 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

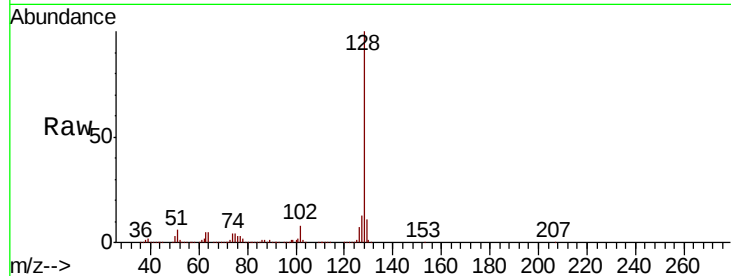
Tot Ion:128 Resp: 318130

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

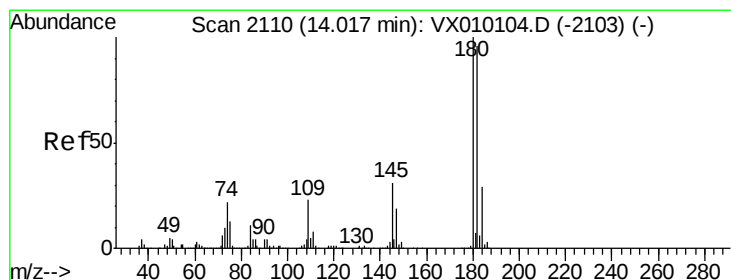
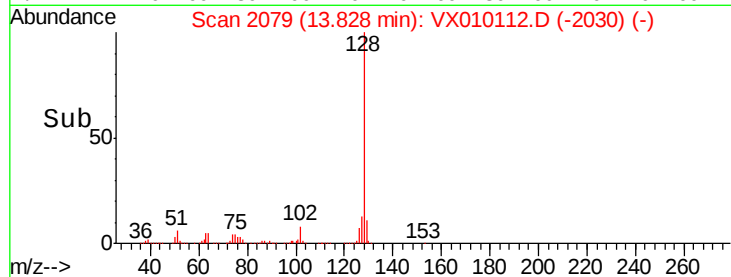
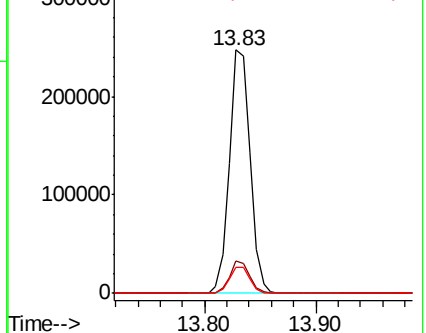
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.523 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010112.D

Acq: 07 Jun 2019 16:40

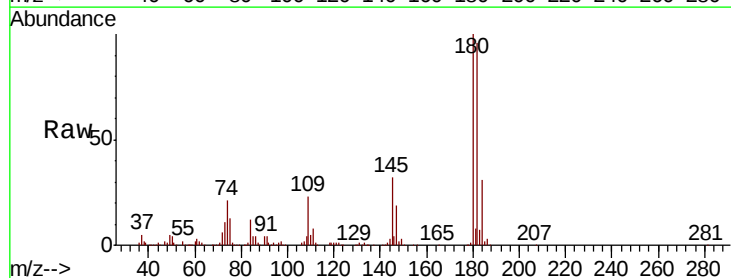
Tgt Ion:180 Resp: 97866

Ion Ratio Lower Upper

180 100

182 95.3 47.3 142.0

145 31.1 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

