

Data File : VX004210.D
Acq On : 22 Aug 2018 20:23
Operator : JC/MD
Sample : J4579-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0548

Quant Time: Aug 23 05:52:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	328428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	510584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	455852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289719	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	209665	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	5.50	113	181579	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	8.71	98	731335	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.14	95	265364	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	

Target Compounds					Qvalue	
3) Chloromethane	1.32	50	3027	1.006	ug/l	90
5) Bromomethane	1.65	94	1215	Below Cal	#	80
6) Chloroethane	1.67	64	186	1.024	ug/l #	44
10) Methyl Iodide	2.51	142	1149	4.517	ug/l #	92
11) Tert butyl alcohol	3.06	59	484	0.530	ug/l #	72
13) Acrolein	2.39	56	17536	79.714	ug/l #	75
14) Allyl chloride	2.84	41	45820	7.168	ug/l #	63
15) Acrylonitrile	3.17	53	14874	6.582	ug/l #	42
16) Acetone	2.44	43	9969	Below Cal		99
17) Carbon Disulfide	2.56	76	1495	0.950	ug/l #	89
18) Methyl Acetate	2.84	43	120551	18.978	ug/l #	51
25) 2-Butanone	4.71	43	2771	Below Cal		99
26) 2,2-Dichloropropane	4.39	77	10307	1.889	ug/l #	52
29) Tetrahydrofuran	5.23	42	2329	1.266	ug/l #	1
30) Chloroform	5.26	83	1572	0.225	ug/l #	1
31) Cyclohexane	5.57	56	878881	146.443	ug/l	98
36) 1,1-Dichloropropene	5.67	75	21421	3.732	ug/l #	50
38) Carbon Tetrachloride	5.66	117	28664	5.308	ug/l #	15
39) Methylcyclohexane	7.46	83	1170562	178.613	ug/l	98
43) Isopropyl Acetate	6.45	43	15346	1.769	ug/l #	60
45) 1,2-Dichloropropane	7.46	63	10105	2.354	ug/l #	1
47) Bromodichloromethane	7.85	83	2944	0.554	ug/l #	1
48) Methyl methacrylate	7.73	41	50976	10.982	ug/l #	49
51) 4-Methyl-2-Pentanone	8.67	43	12884	2.044	ug/l #	40
55) 1,1,2-Trichloroethane	9.17	97	66866	15.428	ug/l #	20
56) Ethyl methacrylate	9.17	69	14855	2.518	ug/l #	1
59) 2-Hexanone	9.56	43	9368	1.948	ug/l #	40
67) Ethyl Benzene	10.26	91	3772315	203.030	ug/l	96
68) m/p-Xylenes	10.36	106	3412132	469.656	ug/l	97
69) o-Xylene	10.70	106	1664960	242.273	ug/l	99
70) Styrene	10.70	104	82484	7.413	ug/l #	1
73) Isopropylbenzene	11.02	105	538842	28.318	ug/l	100
74) N-amyl acetate	10.91	43	2294	0.313	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	1905	0.286	ug/l #	25

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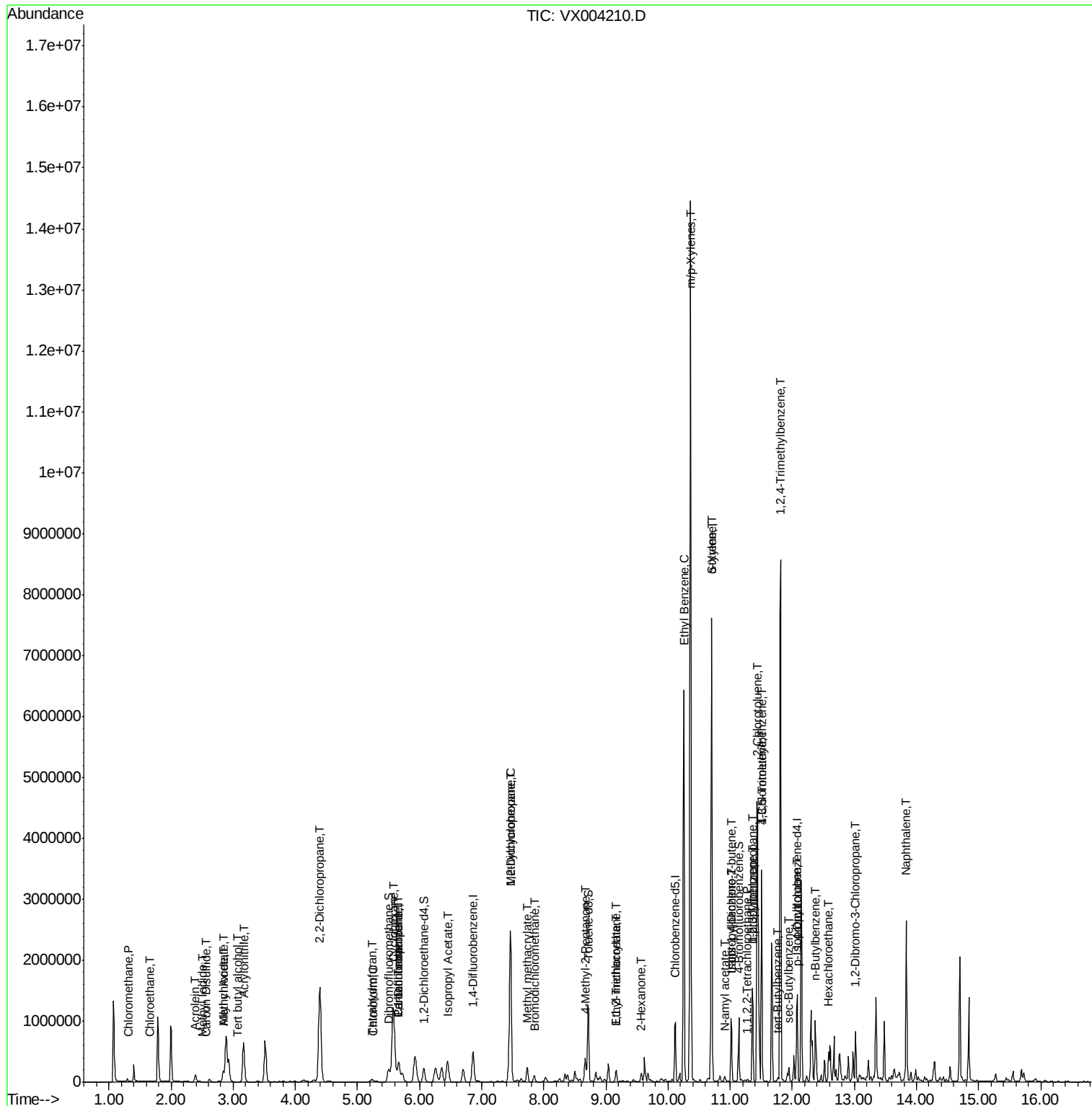
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
76) 1,2,3-Trichloropropane	11.36	75	5178	0.879	ug/l	#	1
78) n-propylbenzene	11.36	91	913541	41.742	ug/l		99
79) 2-Chlorotoluene	11.43	91	390249	28.971	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.51	105	1467847	93.149	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.02	75	5714	3.146	ug/l	#	62
82) 4-Chlorotoluene	11.51	91	147634	9.314	ug/l	#	44
83) tert-Butylbenzene	11.77	119	25678	1.620	ug/l		96
84) 1,2,4-Trimethylbenzene	11.81	105	3710170	229.369	ug/l		98
85) sec-Butylbenzene	11.95	105	115817	6.153	ug/l		98
86) p-Isopropyltoluene	12.07	119	113490	6.728	ug/l		99
89) n-Butylbenzene	12.38	91	154629	11.273	ug/l	#	26
90) Hexachloroethane	12.59	117	19700	8.355	ug/l	#	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2313	1.972	ug/l	#	1
94) Hexachlorobutadiene	13.78	225	259	Below Cal			93
95) Naphthalene	13.83	128	1617070	85.551	ug/l		99

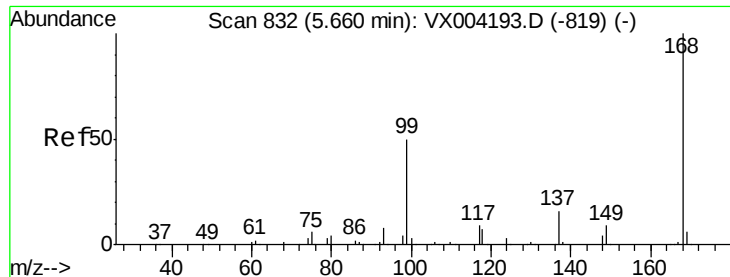
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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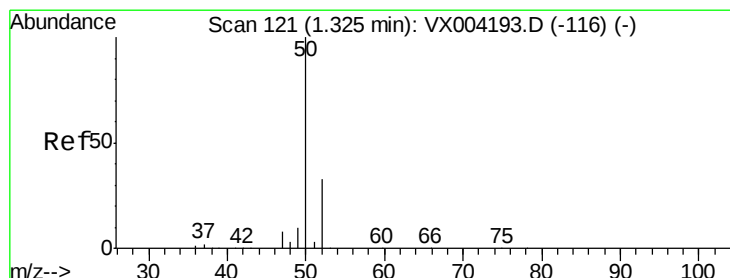
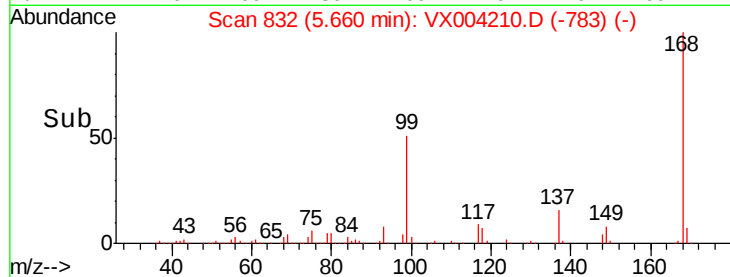
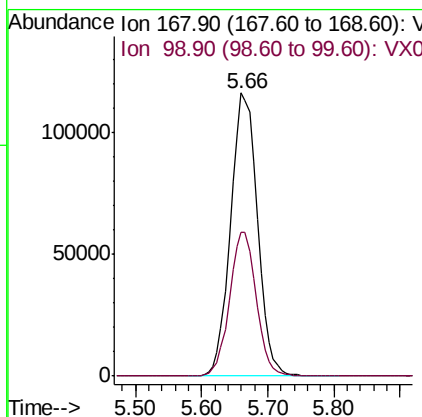
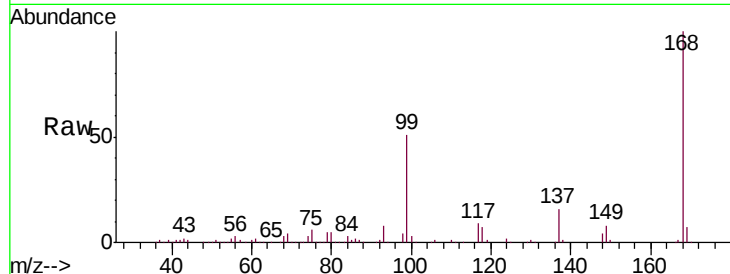




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX004210.D
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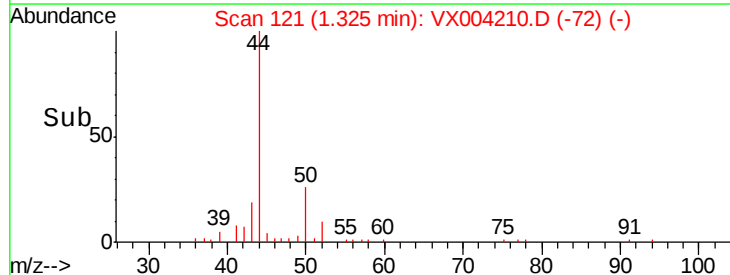
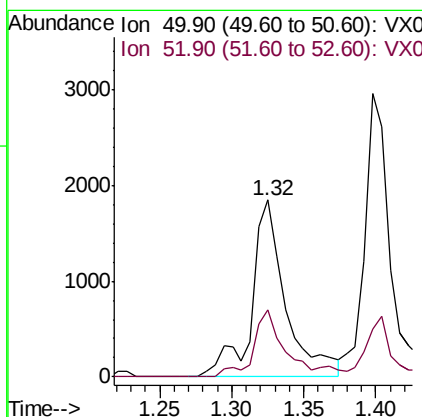
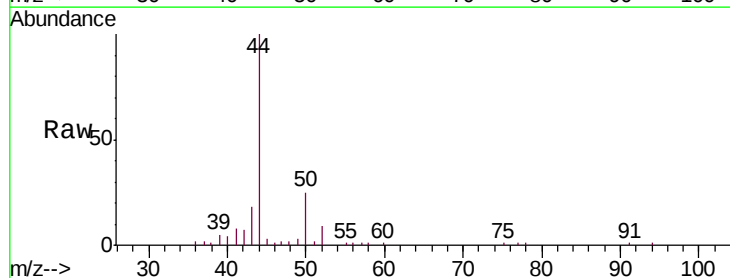
Instrument :
MSVOA_X
ClientSampleId :
FL-0548

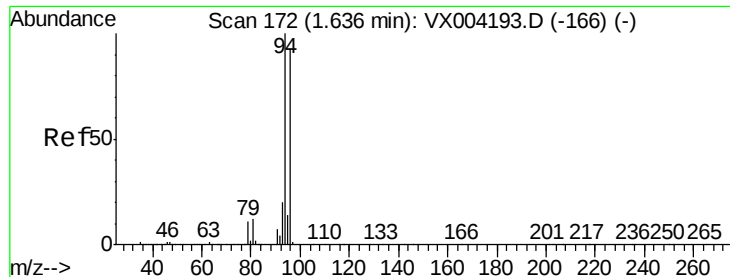
Tgt Ion: 168 Resp: 328428
Ion Ratio Lower Upper
168 100
99 50.8 39.9 59.9



#3
Chloromethane
Concen: 1.006 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX004210.D
Acq: 22 Aug 2018 20:23

Tgt Ion: 50 Resp: 3027
Ion Ratio Lower Upper
50 100
52 38.2 26.2 39.2





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

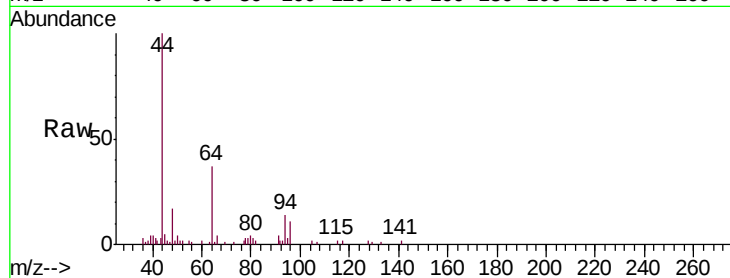
FL-0548

Tgt Ion: 94 Resp: 1215

Ion Ratio Lower Upper

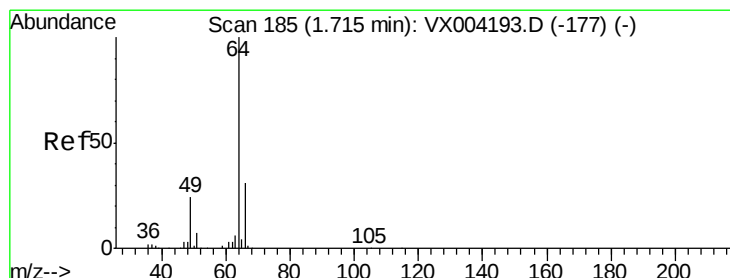
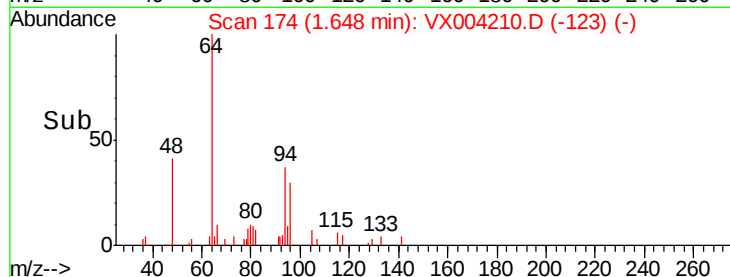
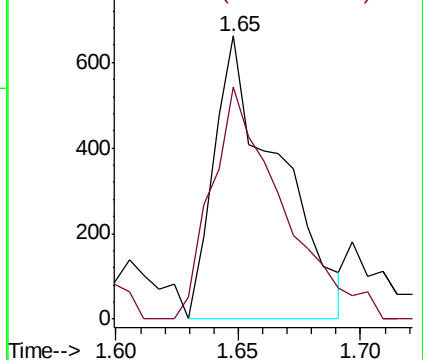
94 100

96 74.2 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.024 ug/l

RT: 1.67 min Scan# 177

Delta R.T. -0.05 min

Lab File: VX004210.D

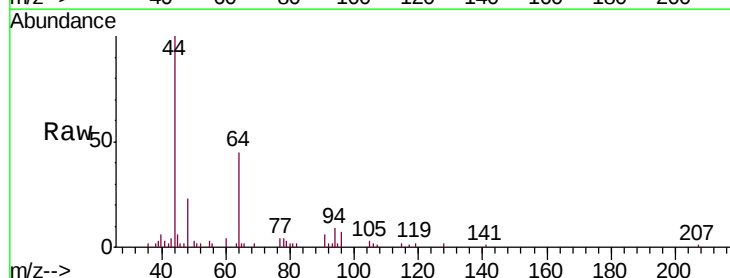
Acq: 22 Aug 2018 20:23

Tgt Ion: 64 Resp: 186

Ion Ratio Lower Upper

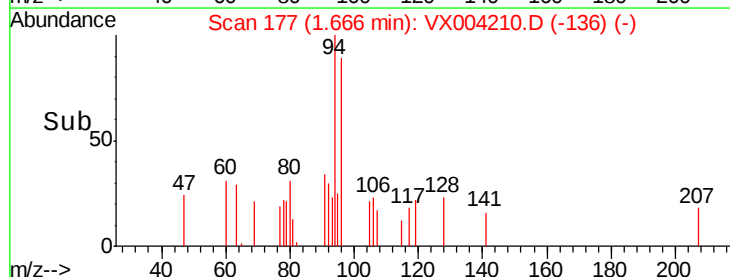
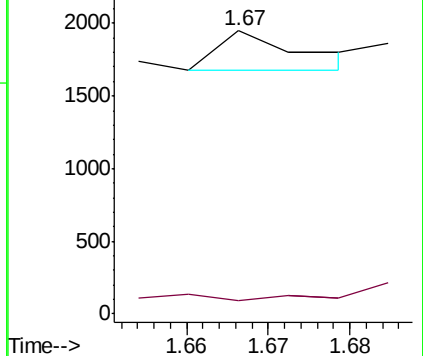
64 100

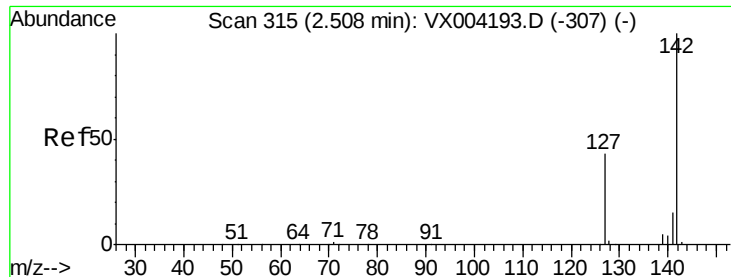
66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

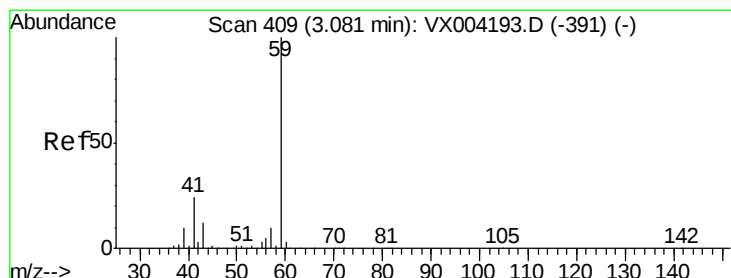
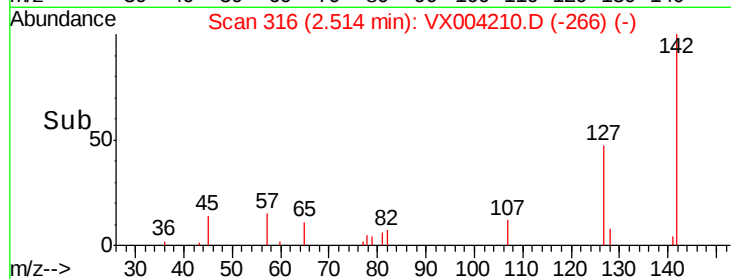
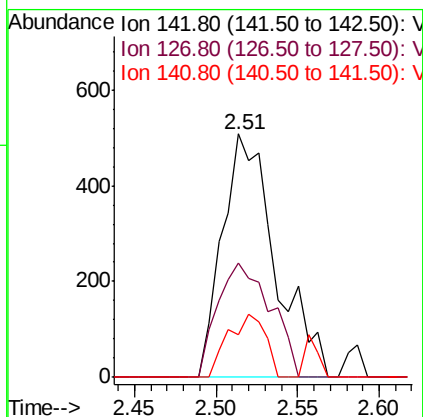
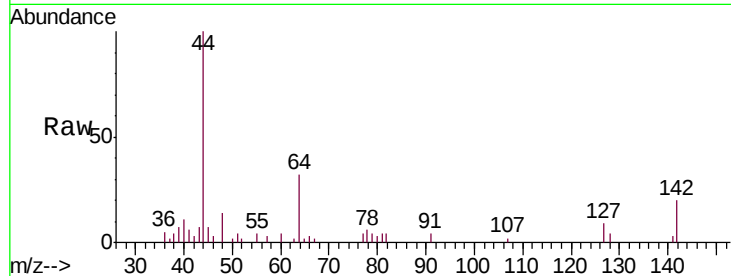




#10
Methyl Iodide
Concen: 4.517 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX004210.D
Acq: 22 Aug 2018 20:23

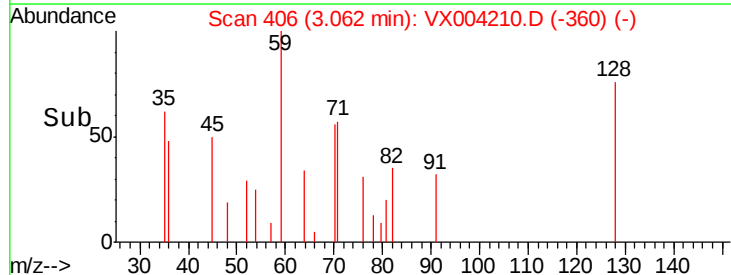
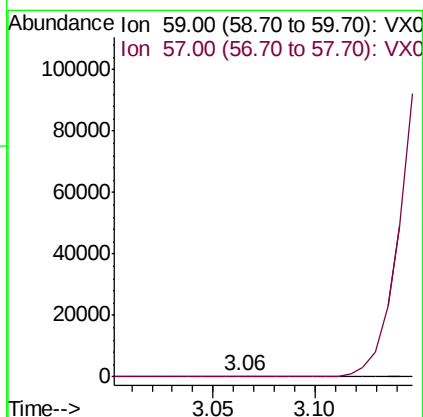
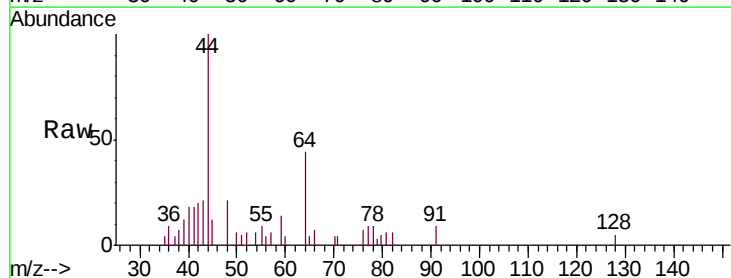
Instrument :
MSVOA_X
ClientSampled :
FL-0548

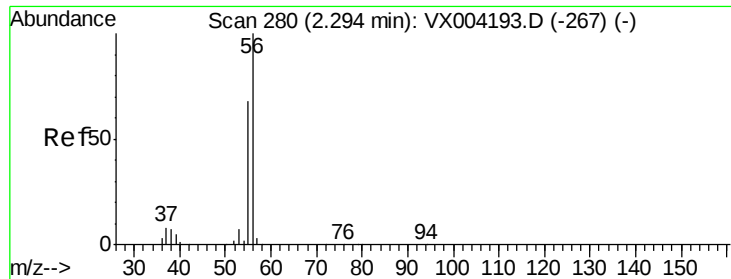
Tgt Ion:142 Resp: 1149
Ion Ratio Lower Upper
142 100
127 46.9 33.8 50.6
141 18.3 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.530 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX004210.D
Acq: 22 Aug 2018 20:23

Tgt Ion: 59 Resp: 484
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 79.714 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.10 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

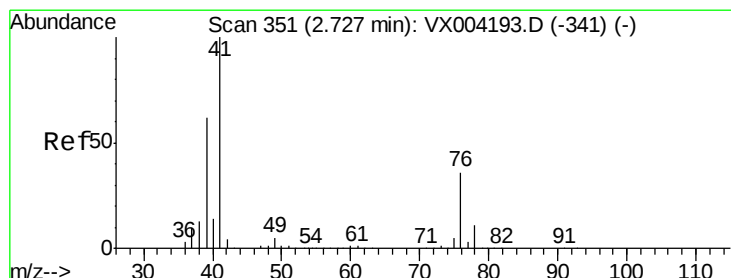
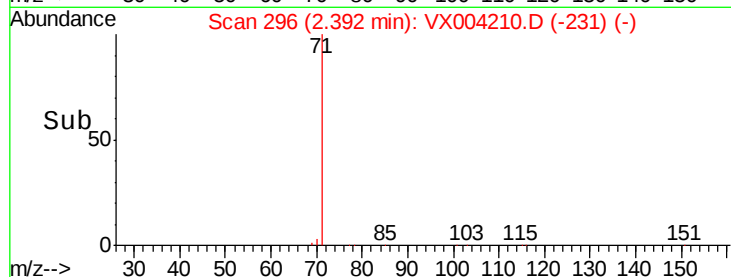
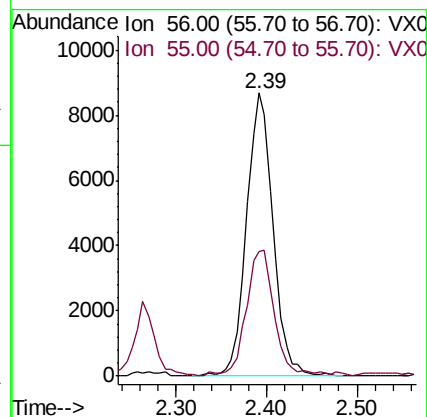
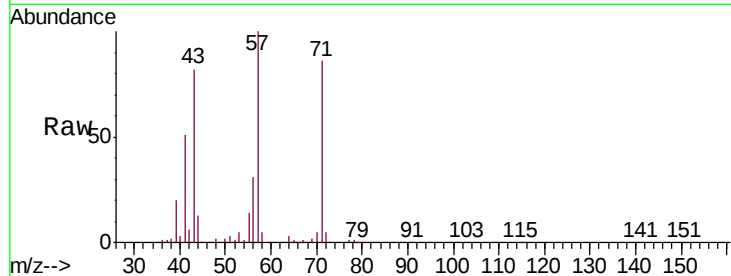
FL-0548

Tgt Ion: 56 Resp: 17536

Ion Ratio Lower Upper

56 100

55 47.9 54.7 82.1#



#14

Allyl chloride

Concen: 7.168 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

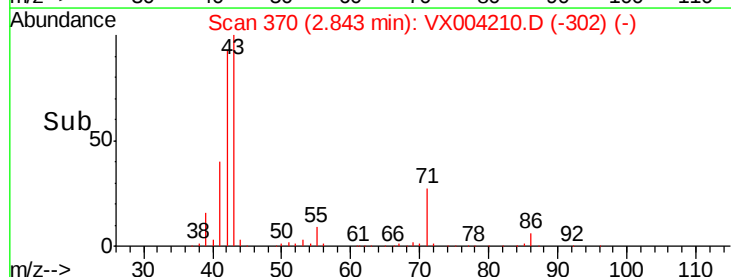
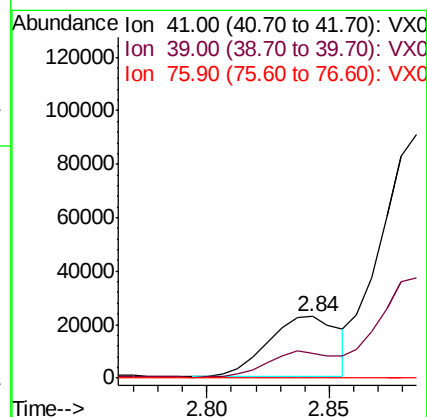
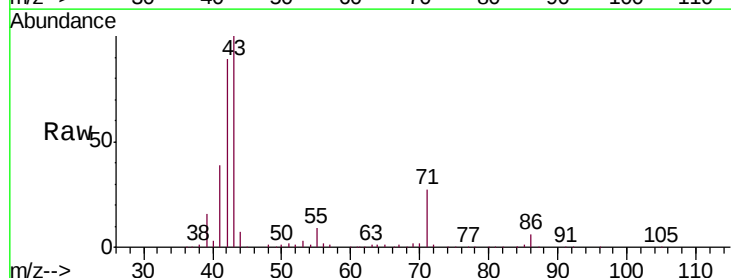
Tgt Ion: 41 Resp: 45820

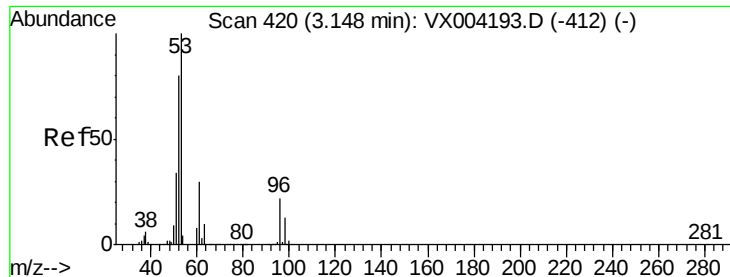
Ion Ratio Lower Upper

41 100

39 41.8 48.9 73.3#

76 0.0 26.7 40.1#





#15

Acrylonitrile

Concen: 6.582 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.02 min

Lab File: VX004210.D

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ClientSampleId :

FL-0548

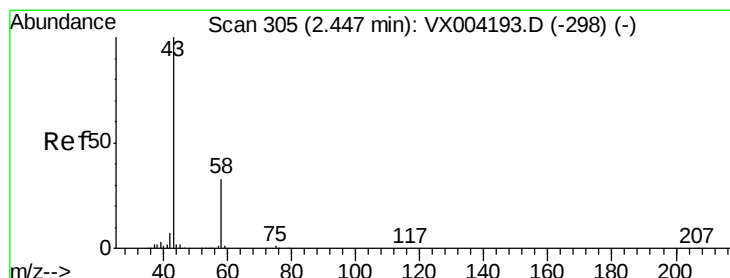
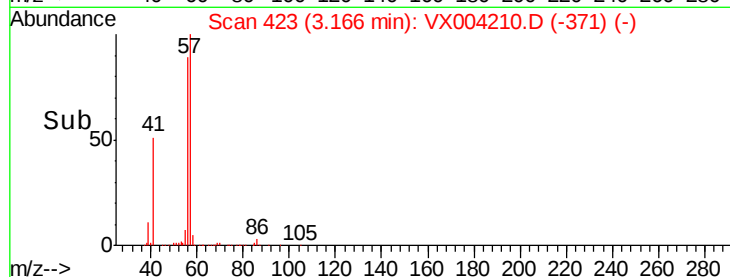
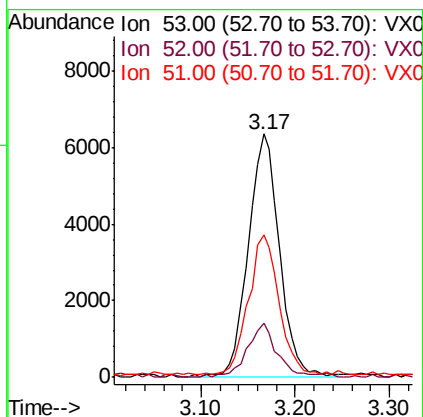
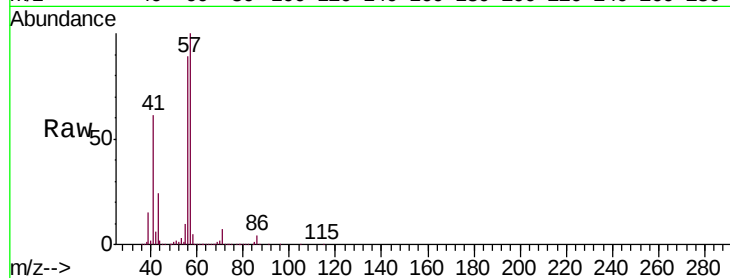
Tgt Ion: 53 Resp: 14874

Ion Ratio Lower Upper

53 100

52 21.1 65.2 97.8#

51 56.0 28.2 42.2#



#16

Acetone

Concen: Below Cal

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX004210.D

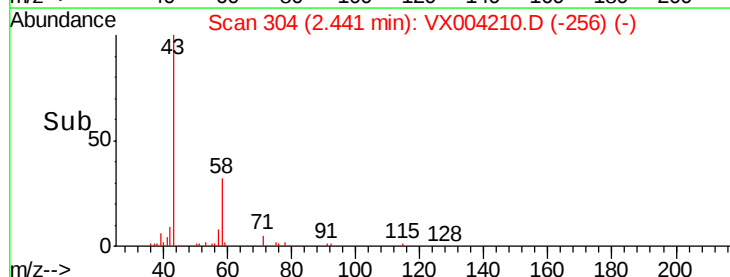
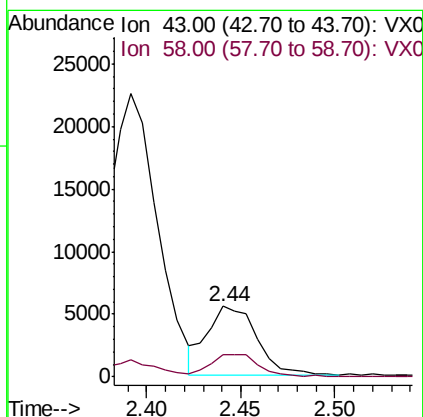
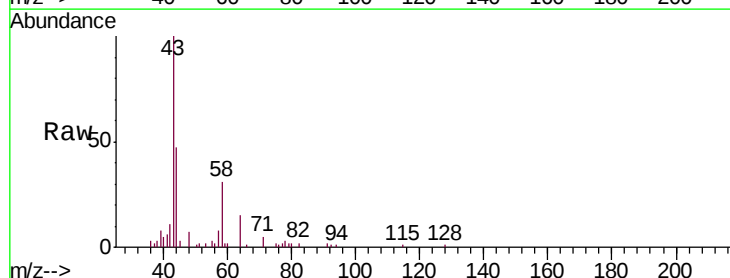
Acq: 22 Aug 2018 20:23

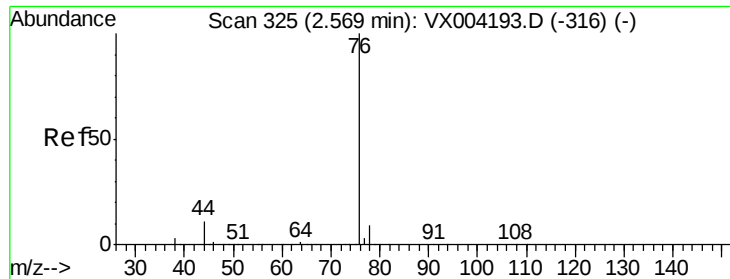
Tgt Ion: 43 Resp: 9969

Ion Ratio Lower Upper

43 100

58 32.3 26.2 39.4

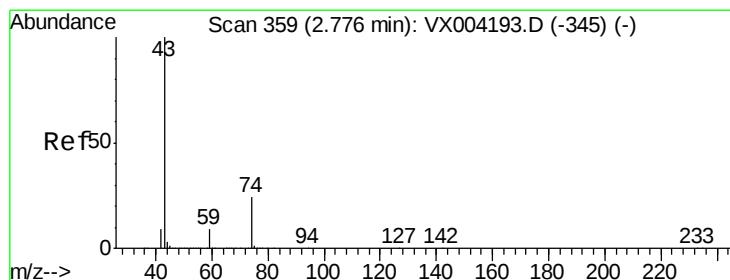
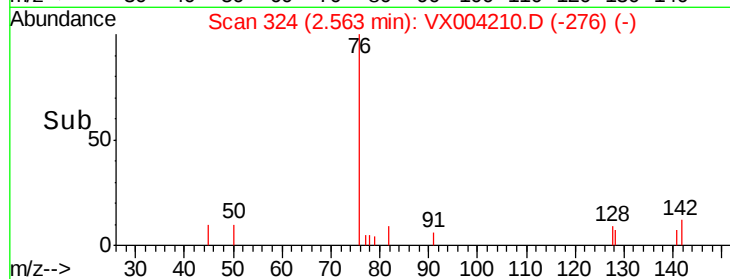
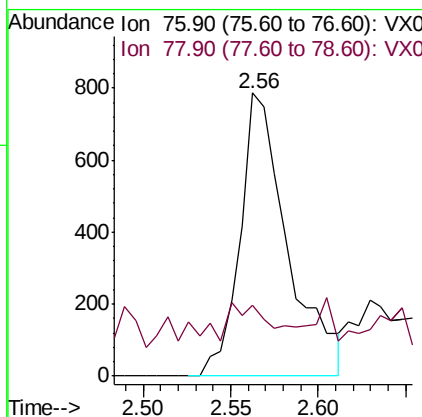
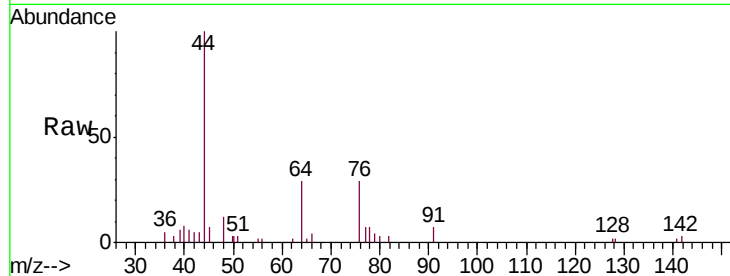




#17
Carbon Disulfide
Concen: 0.950 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004210.D
Acq: 22 Aug 2018 20:23

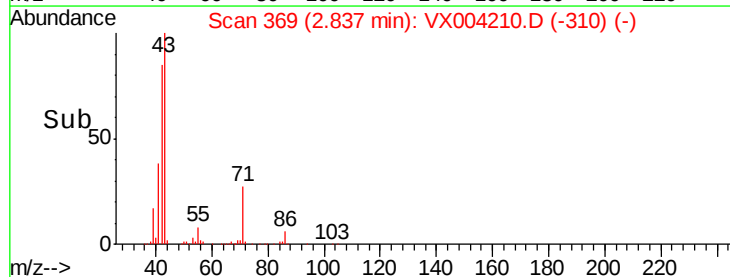
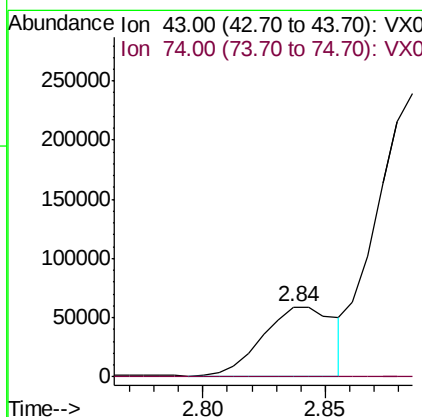
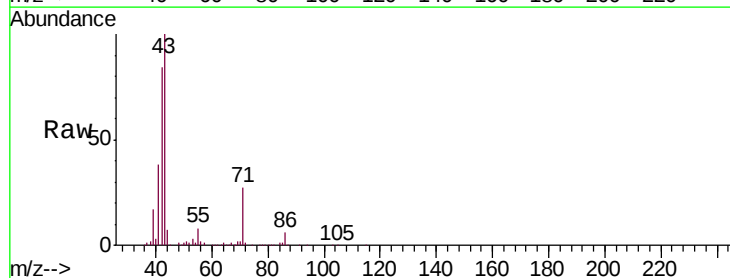
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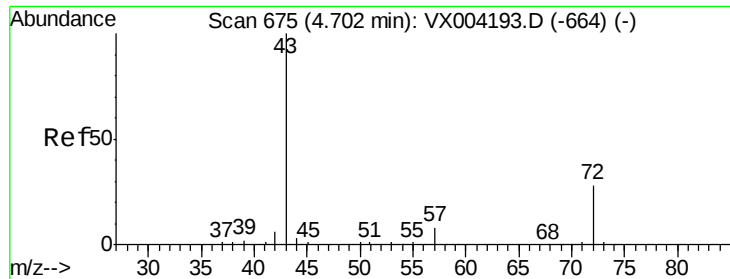
Tgt Ion: 76 Resp: 1495
Ion Ratio Lower Upper
76 100
78 12.7 7.0 10.6#



#18
Methyl Acetate
Concen: 18.978 ug/l
RT: 2.84 min Scan# 369
Delta R.T. 0.06 min
Lab File: VX004210.D
Acq: 22 Aug 2018 20:23

Tgt Ion: 43 Resp: 120551
Ion Ratio Lower Upper
43 100
74 0.1 19.4 29.2#





#25

2-Butanone

Concen: Below Cal

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampled :

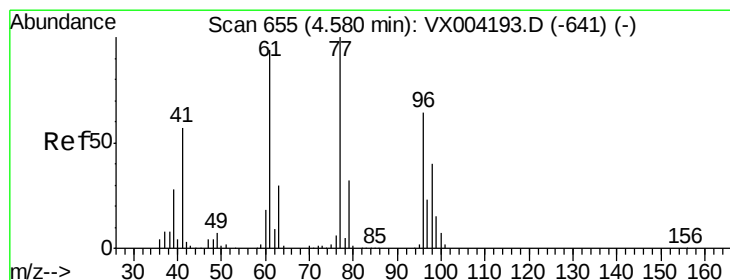
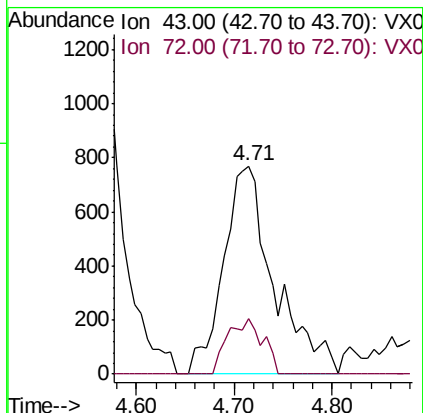
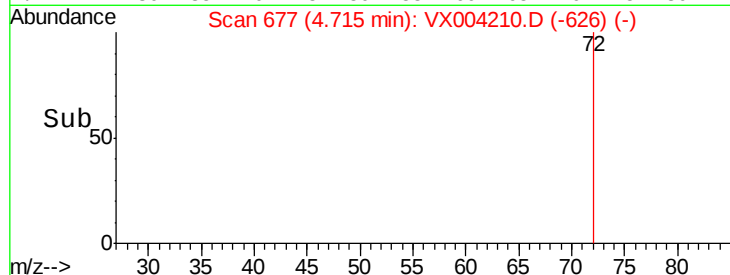
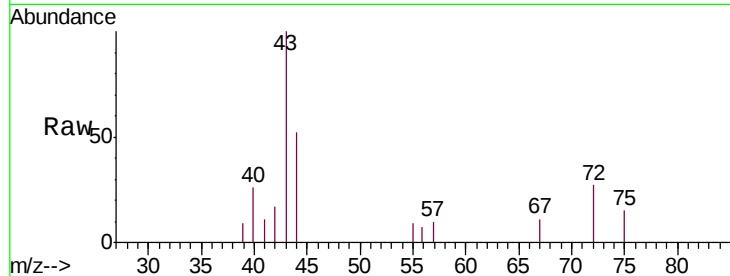
FL-0548

Tgt Ion: 43 Resp: 2771

Ion Ratio Lower Upper

43 100

72 26.8 22.0 33.0



#26

2,2-Dichloropropane

Concen: 1.889 ug/l

RT: 4.39 min Scan# 624

Delta R.T. -0.19 min

Lab File: VX004210.D

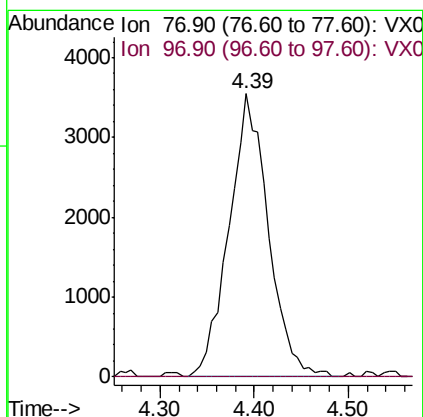
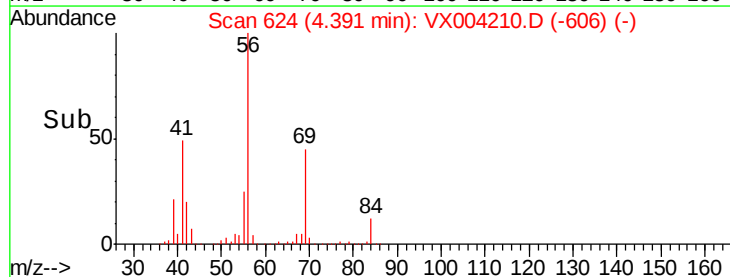
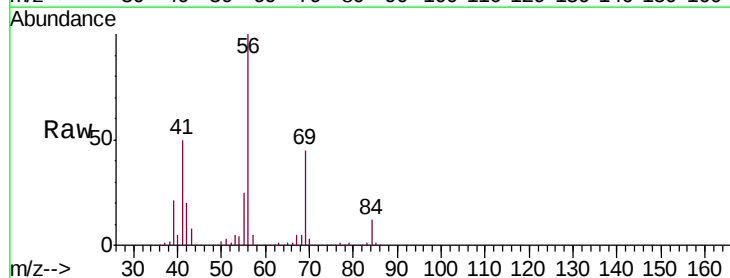
Acq: 22 Aug 2018 20:23

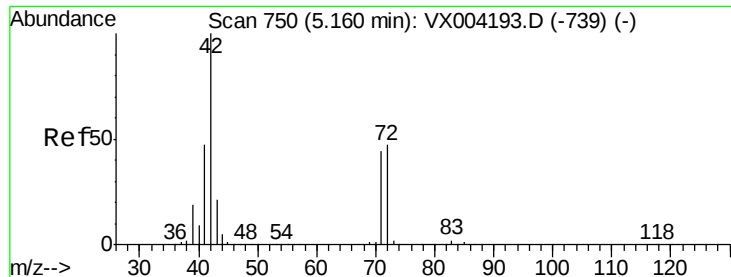
Tgt Ion: 77 Resp: 10307

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#

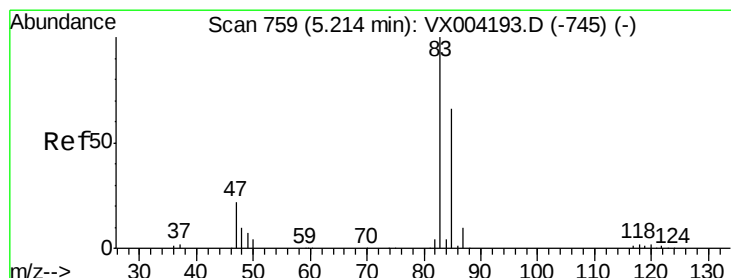
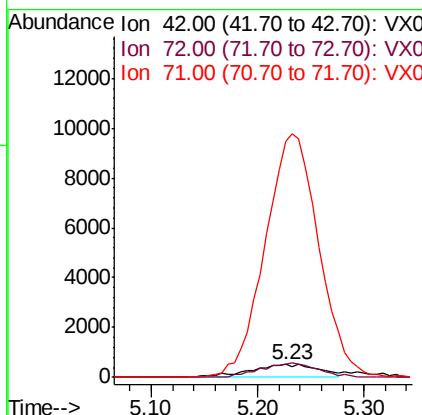
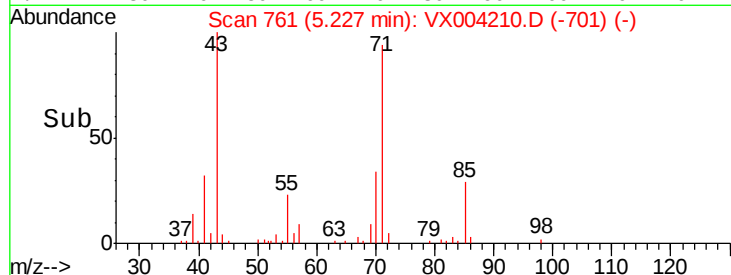
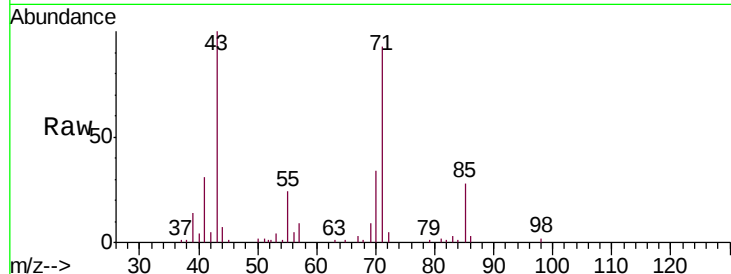




#29
 Tetrahydrofuran
 Concen: 1.266 ug/l
 RT: 5.23 min Scan# 761
 Delta R.T. 0.07 min
 Lab File: VX004210.D
 Acq: 22 Aug 2018 20:23

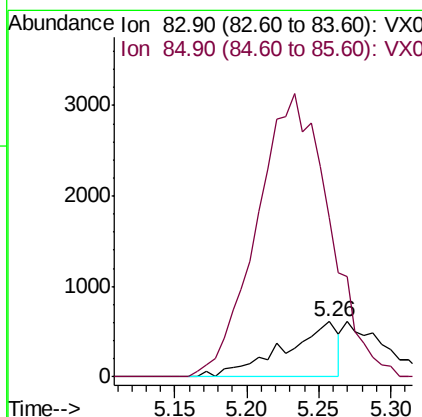
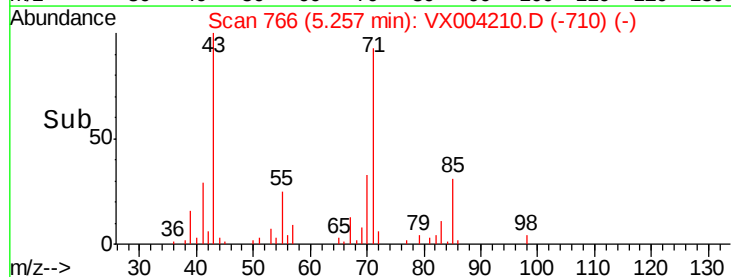
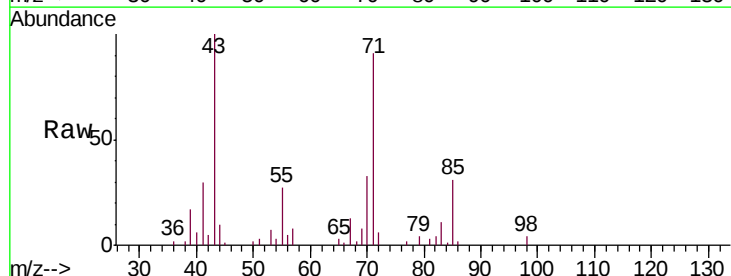
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0548

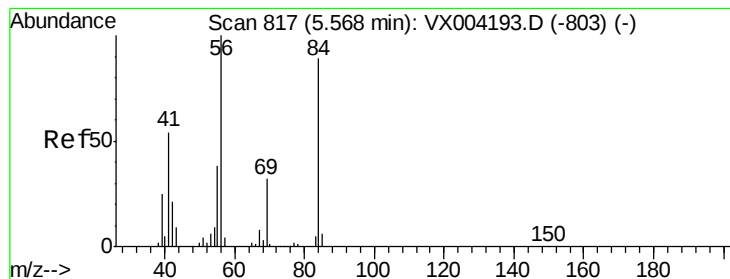
Tgt Ion: 42 Resp: 2329
 Ion Ratio Lower Upper
 42 100
 72 90.2 37.4 56.0#
 71 1463.7 34.5 51.7#



#30
 Chloroform
 Concen: 0.225 ug/l
 RT: 5.26 min Scan# 766
 Delta R.T. 0.04 min
 Lab File: VX004210.D
 Acq: 22 Aug 2018 20:23

Tgt Ion: 83 Resp: 1572
 Ion Ratio Lower Upper
 83 100
 85 289.0 52.6 79.0#





#31

Cyclohexane

Concen: 146.443 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

FL-0548

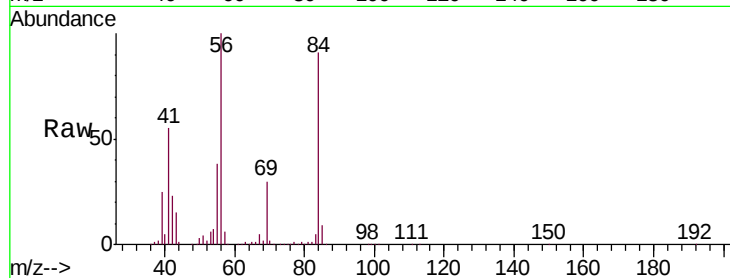
Tgt Ion: 56 Resp: 878881

Ion Ratio Lower Upper

56 100

69 30.1 25.4 38.2

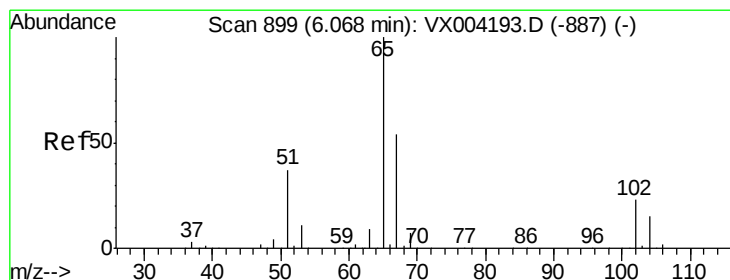
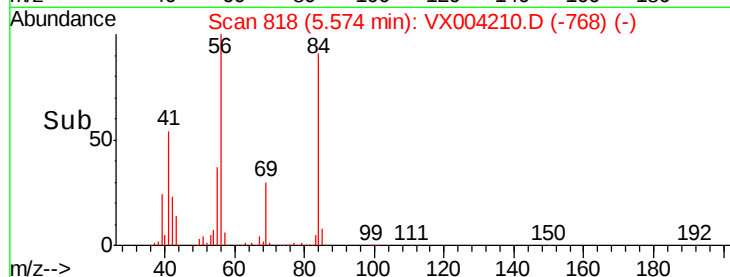
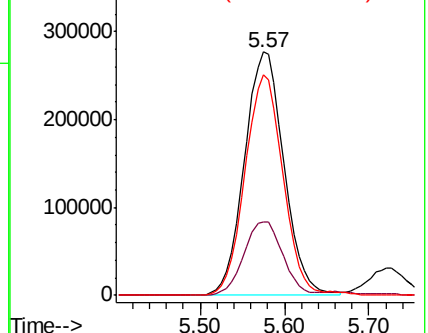
84 90.9 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.980 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX004210.D

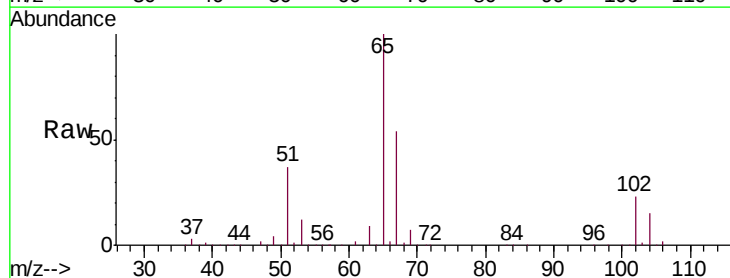
Acq: 22 Aug 2018 20:23

Tgt Ion: 65 Resp: 209665

Ion Ratio Lower Upper

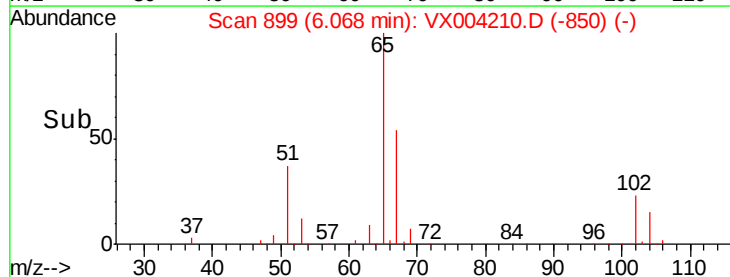
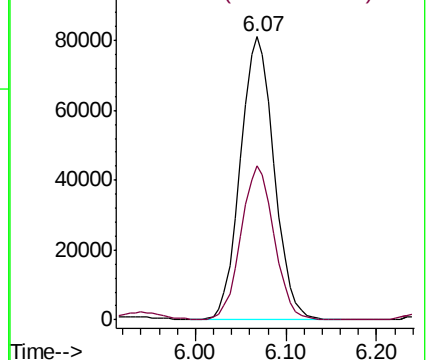
65 100

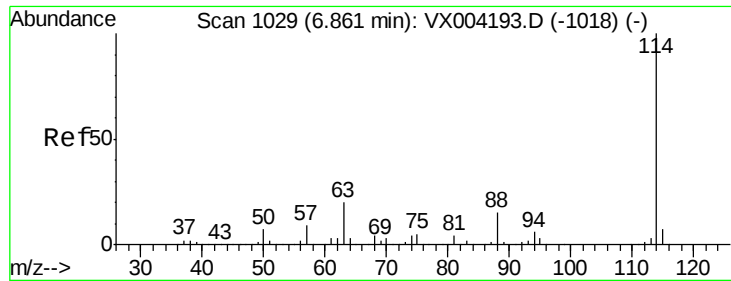
67 53.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

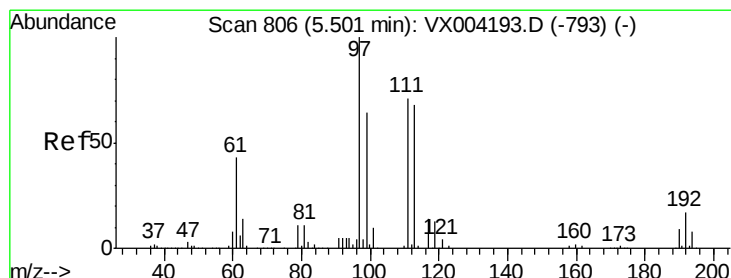
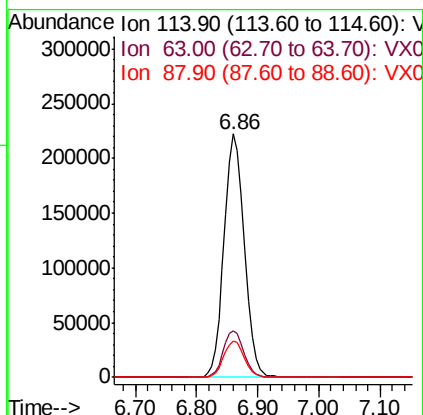
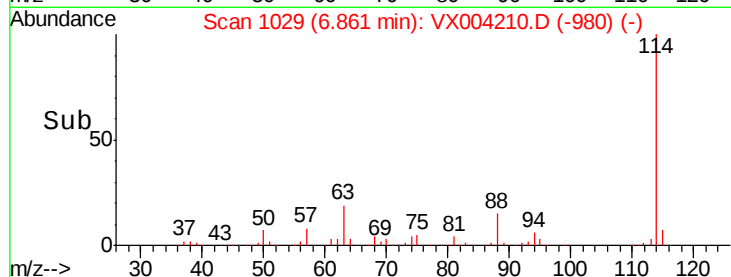
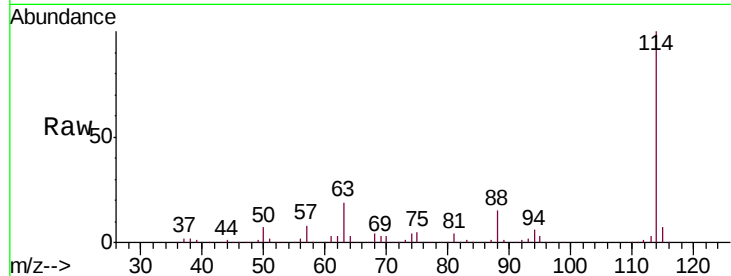




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004210.D
 Acq: 22 Aug 2018 20:23

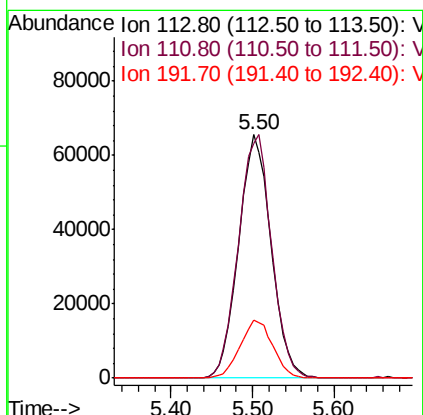
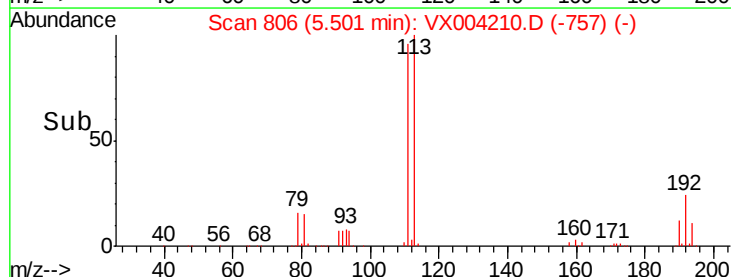
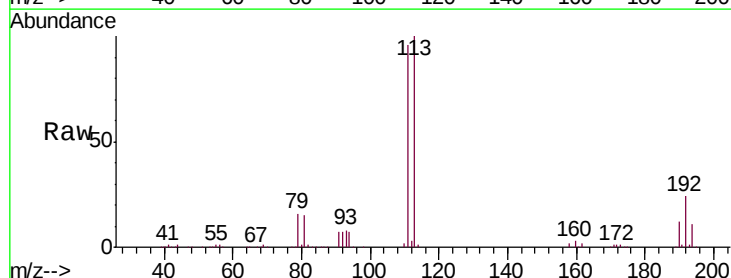
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0548

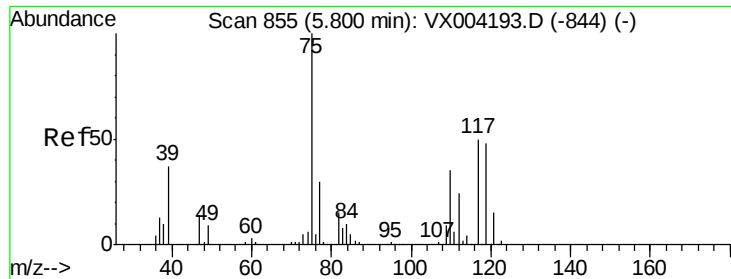
Tgt Ion:114 Resp: 510584
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.1 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 47.804 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004210.D
 Acq: 22 Aug 2018 20:23

Tgt Ion:113 Resp: 181579
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.4 123.6
 192 24.1 19.4 29.2

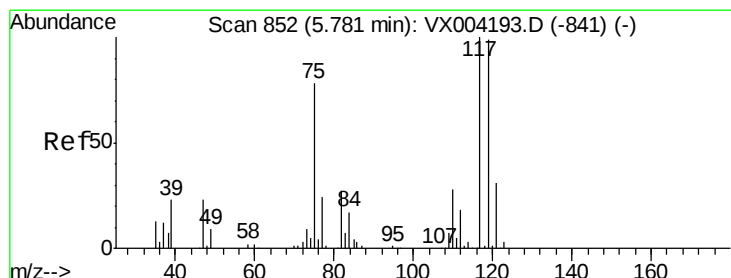
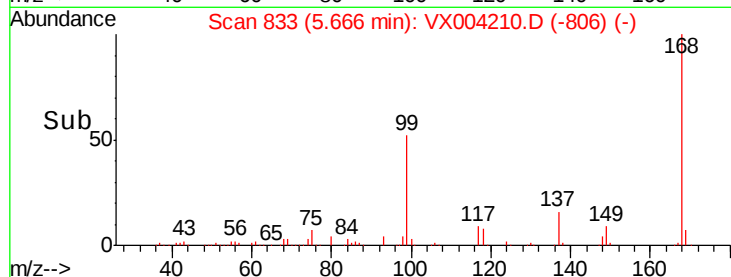
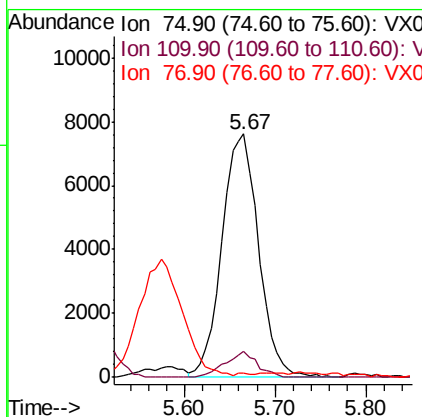
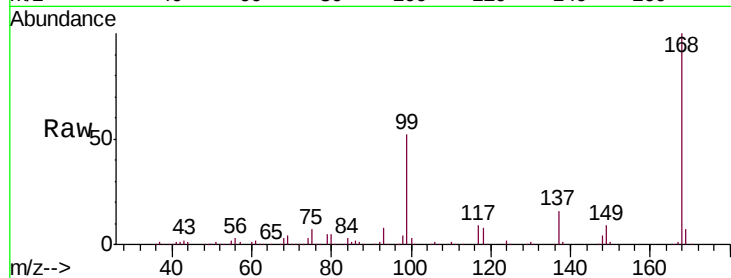




#36
 1,1-Dichloropropene
 Concen: 3.732 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX004210.D
 Acq: 22 Aug 2018 20:23

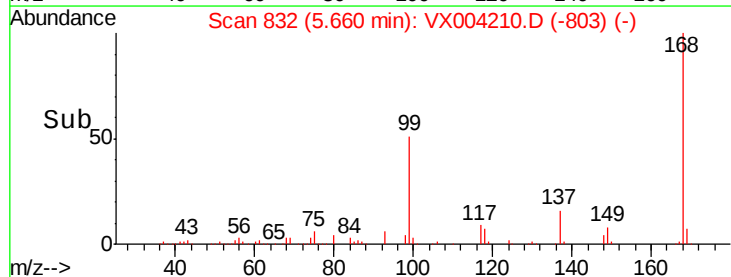
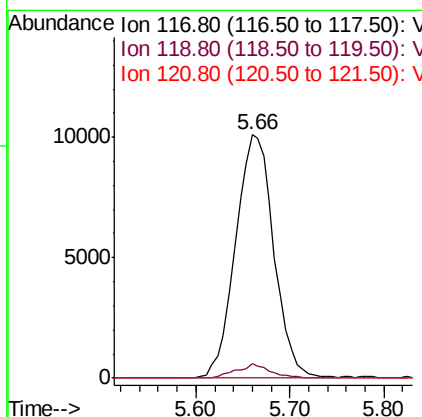
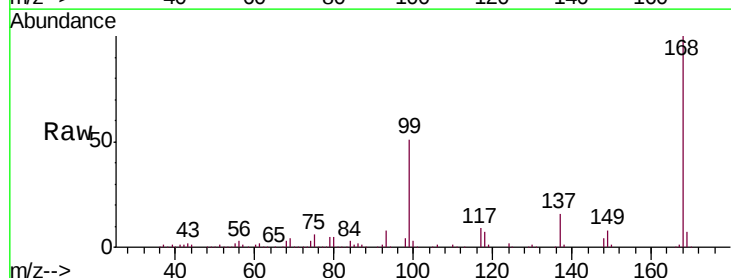
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0548

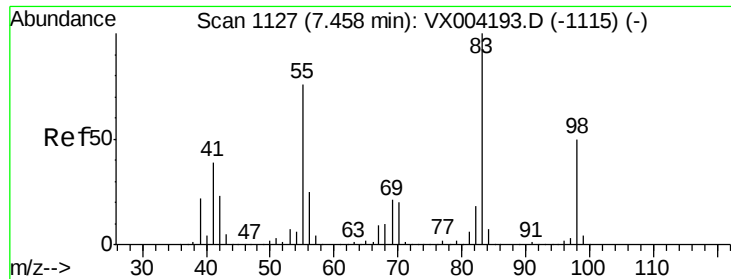
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.0	54.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.308 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.12 min
 Lab File: VX004210.D
 Acq: 22 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	78.8	118.2#
121	0.0	24.9	37.3#



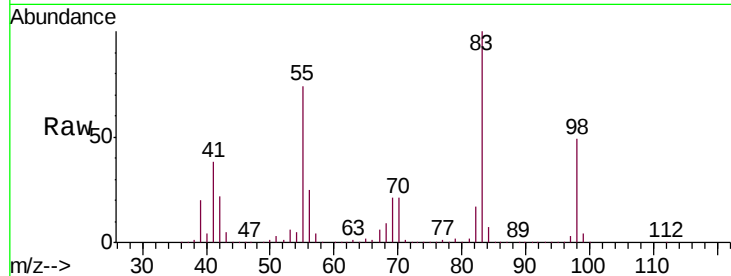


#39
Methylcyclohexane
Concen: 178.613 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004210.D
Acq: 22 Aug 2018 20:23

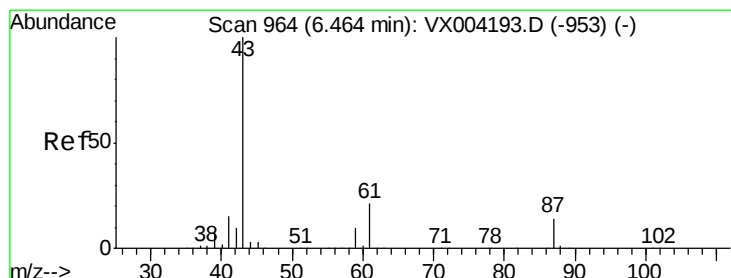
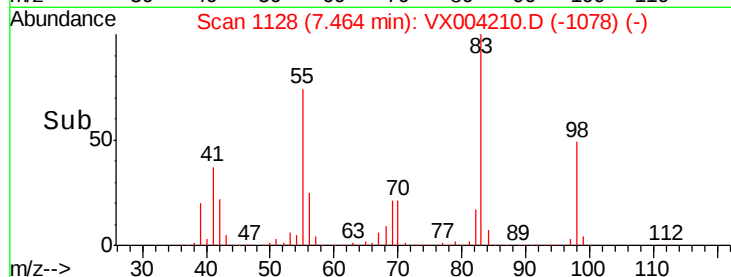
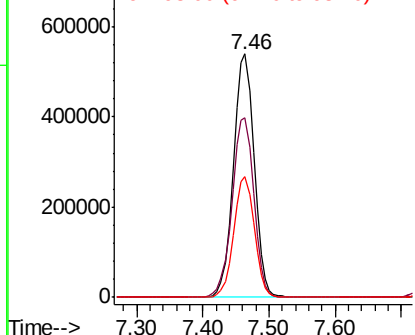
Instrument :
MSVOA_X
ClientSampleId :
FL-0548

Tgt Ion: 83 Resp: 1170562

Ion	Ratio	Lower	Upper
83	100		
55	74.0	61.0	91.4
98	49.3	39.6	59.4



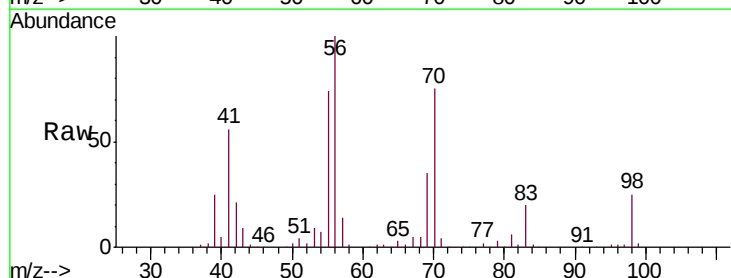
Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



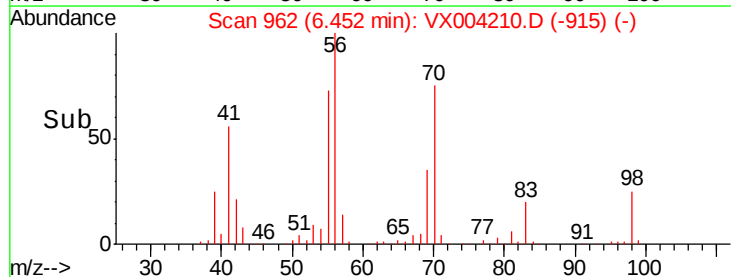
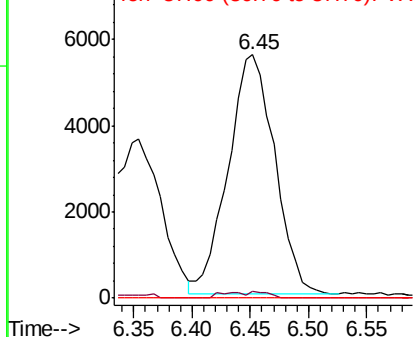
#43
Isopropyl Acetate
Concen: 1.769 ug/l
RT: 6.45 min Scan# 962
Delta R.T. -0.01 min
Lab File: VX004210.D
Acq: 22 Aug 2018 20:23

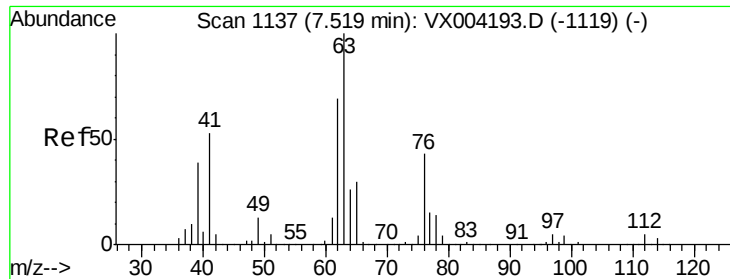
Tgt Ion: 43 Resp: 15346

Ion	Ratio	Lower	Upper
43	100		
61	1.2	17.0	25.4#
87	0.0	11.4	17.2#



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





#45

1,2-Dichloropropane

Concen: 2.354 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.06 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampled :

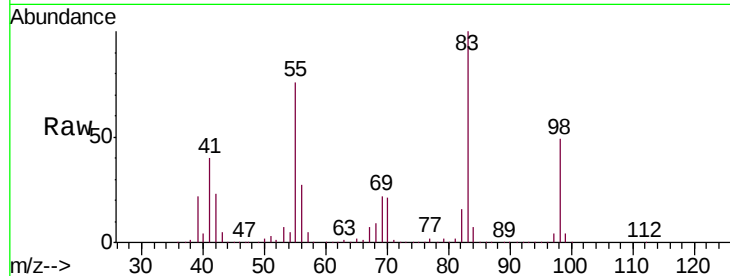
FL-0548

Tgt Ion: 63 Resp: 10105

Ion Ratio Lower Upper

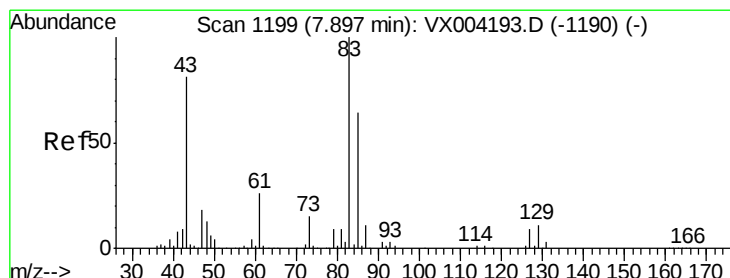
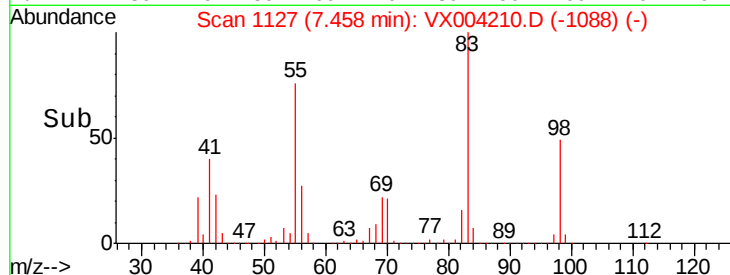
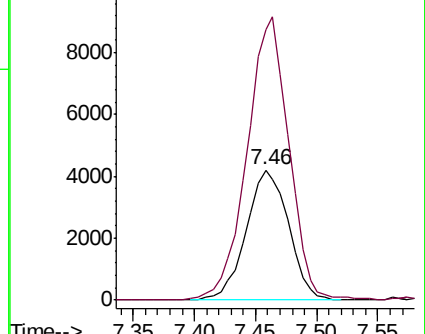
63 100

65 205.8 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#47

Bromodichloromethane

Concen: 0.554 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. -0.05 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

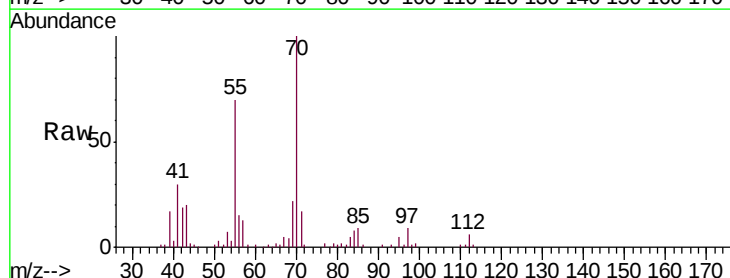
Tgt Ion: 83 Resp: 2944

Ion Ratio Lower Upper

83 100

85 164.2 50.9 76.3#

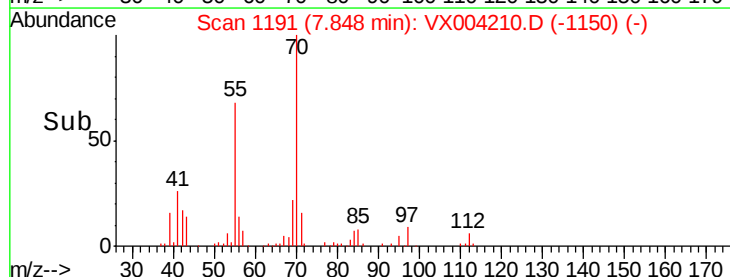
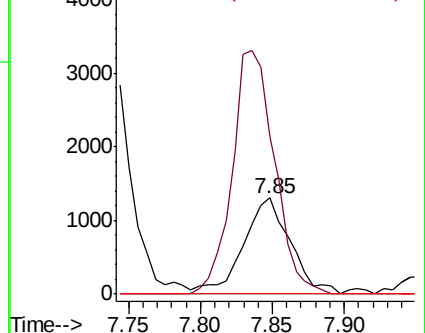
127 0.0 7.3 10.9#

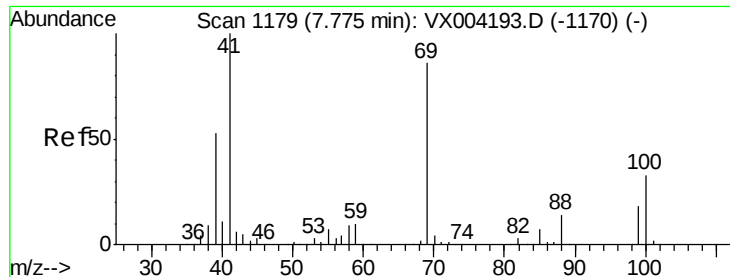


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

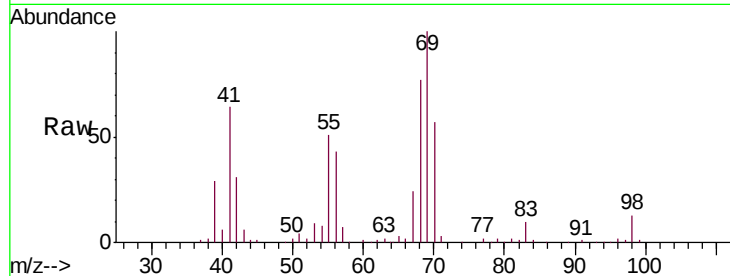




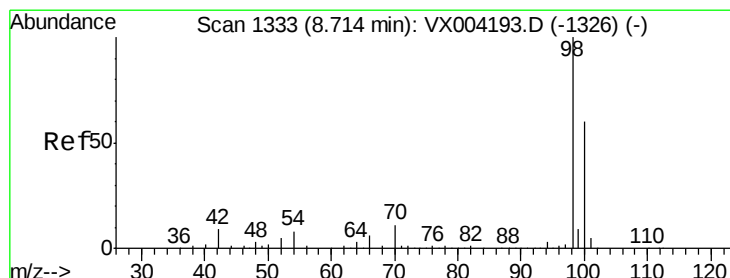
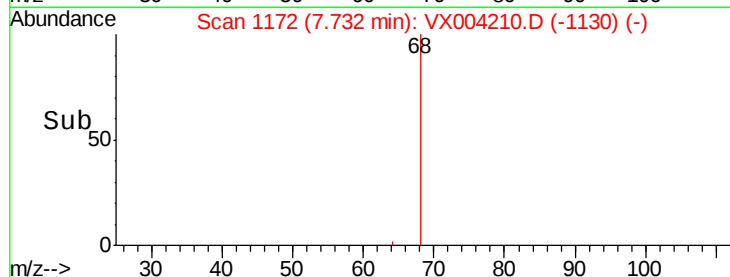
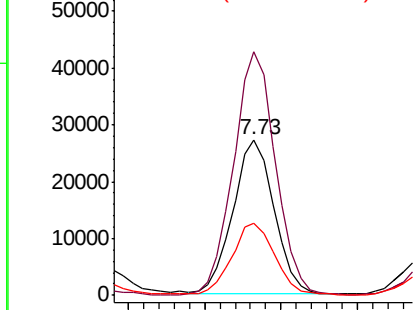
#48
Methyl methacrylate
Concen: 10.982 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.04 min
Lab File: VX004210.D
Acq: 22 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
FL-0548

Tgt Ion: 41 Resp: 50976
Ion Ratio Lower Upper
41 100
69 159.8 70.2 105.4#
39 47.3 42.7 64.1

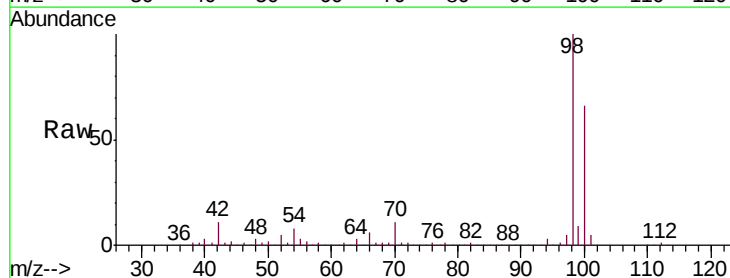


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

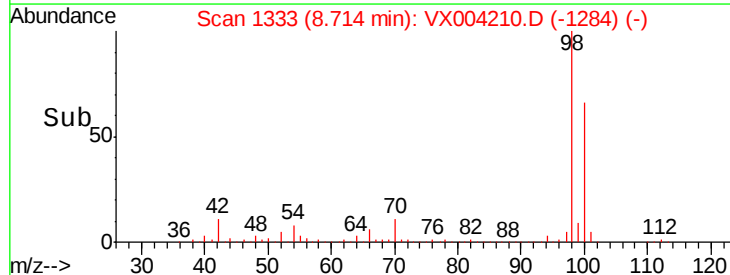
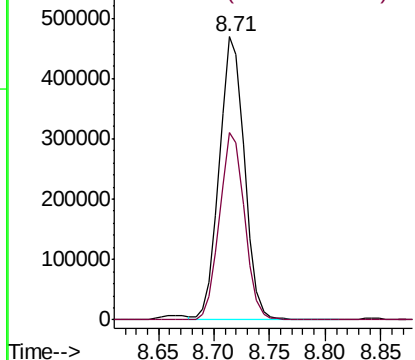


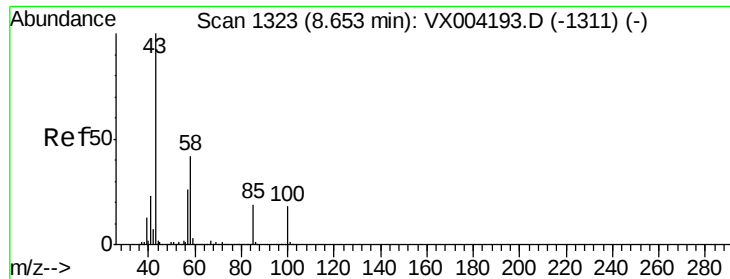
#50
Toluene-d8
Concen: 51.008 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004210.D
Acq: 22 Aug 2018 20:23

Tgt Ion: 98 Resp: 731335
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



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

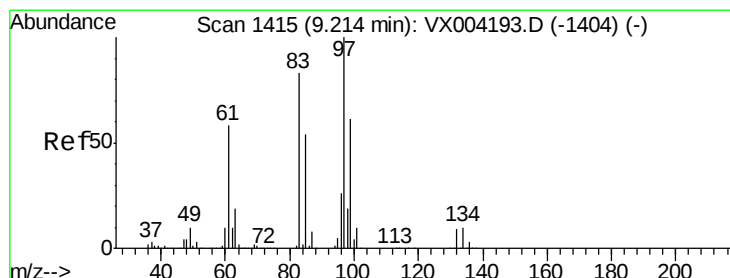
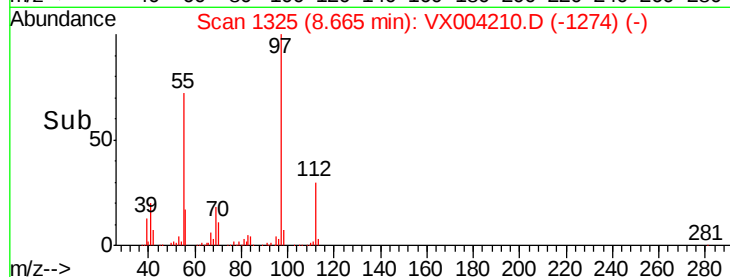
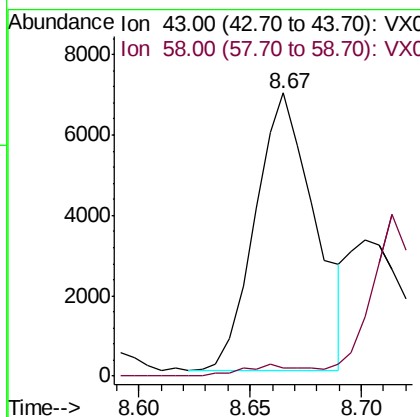
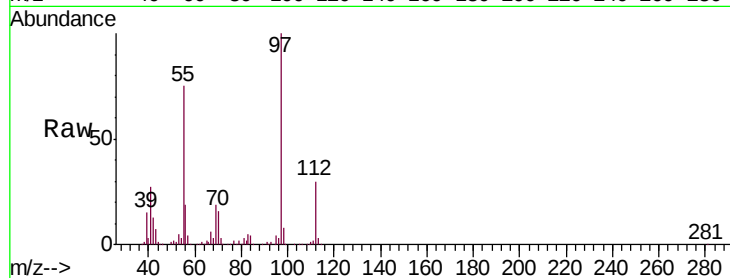




#51
 4-Methyl-2-Pentanone
 Concen: 2.044 ug/l
 RT: 8.67 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VX004210.D
 Acq: 22 Aug 2018 20:23

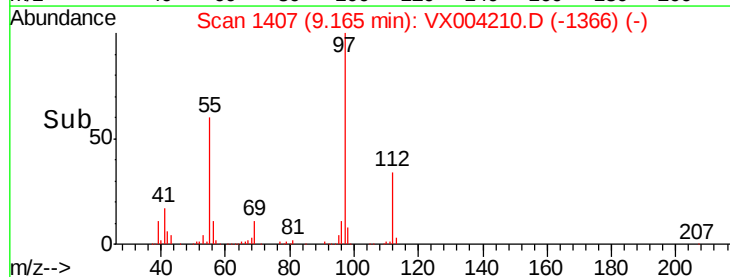
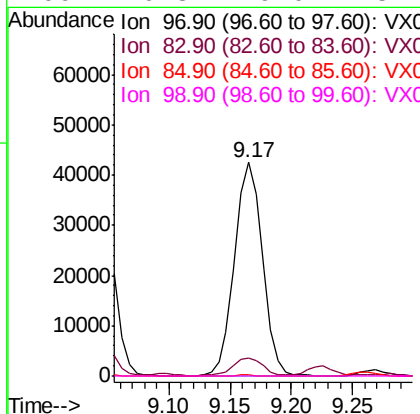
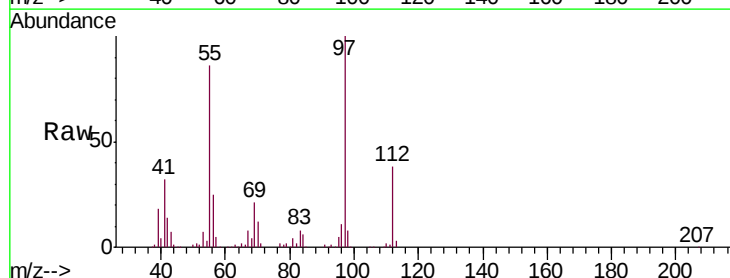
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0548

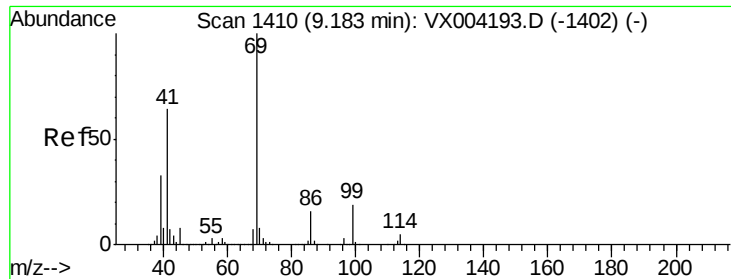
Tgt Ion: 43 Resp: 12884
 Ion Ratio Lower Upper
 43 100
 58 3.5 33.1 49.7#



#55
 1,1,2-Trichloroethane
 Concen: 15.428 ug/l
 RT: 9.17 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX004210.D
 Acq: 22 Aug 2018 20:23

Tgt Ion: 97 Resp: 66866
 Ion Ratio Lower Upper
 97 100
 83 8.2 66.4 99.6#
 85 0.5 43.3 64.9#
 99 0.3 49.0 73.4#





#56

Ethyl methacrylate

Concen: 2.518 ug/l

RT: 9.17 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampled :

FL-0548

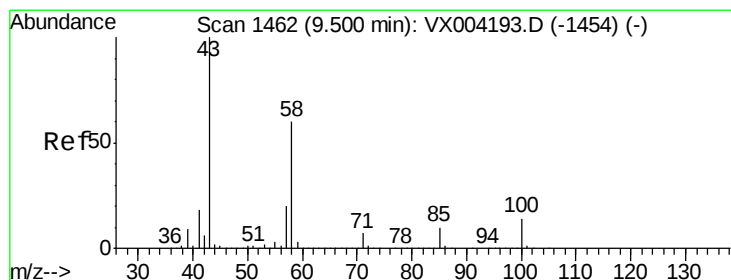
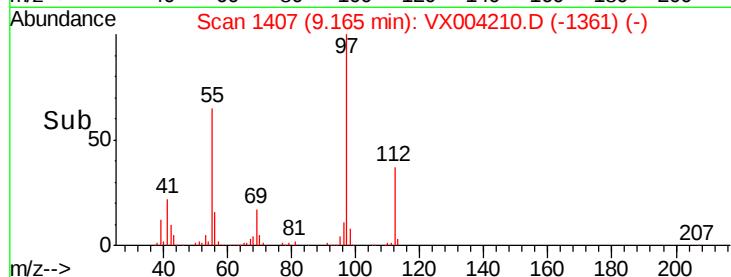
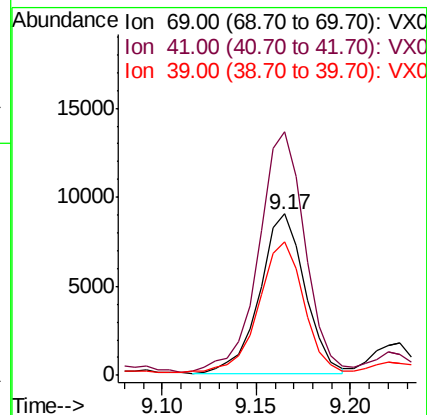
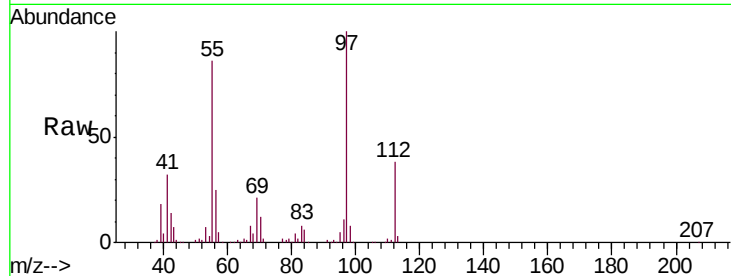
Tgt Ion: 69 Resp: 14855

Ion Ratio Lower Upper

69 100

41 153.9 51.0 76.4#

39 82.0 26.1 39.1#



#59

2-Hexanone

Concen: 1.948 ug/l

RT: 9.56 min Scan# 1471

Delta R.T. 0.05 min

Lab File: VX004210.D

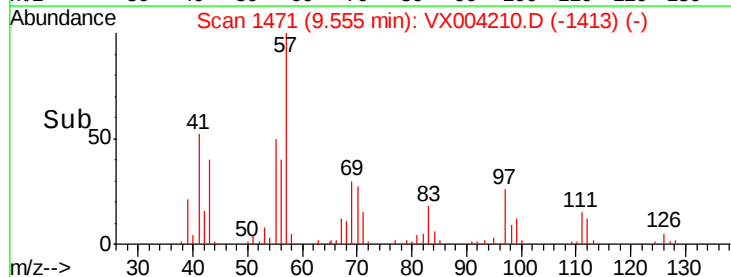
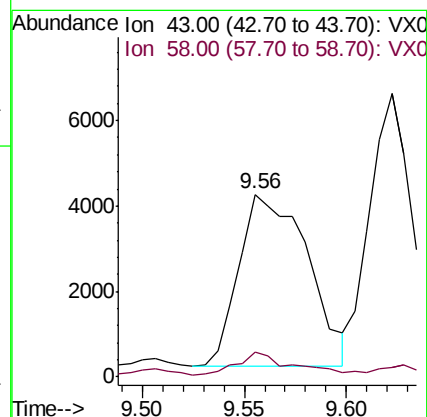
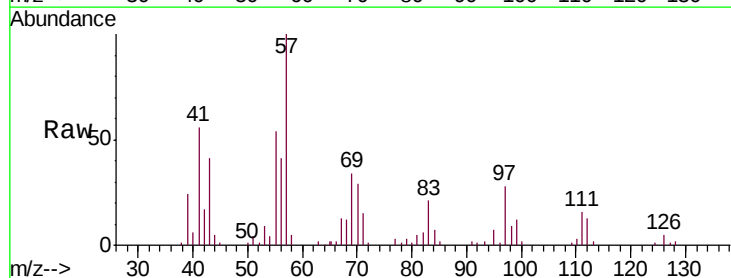
Acq: 22 Aug 2018 20:23

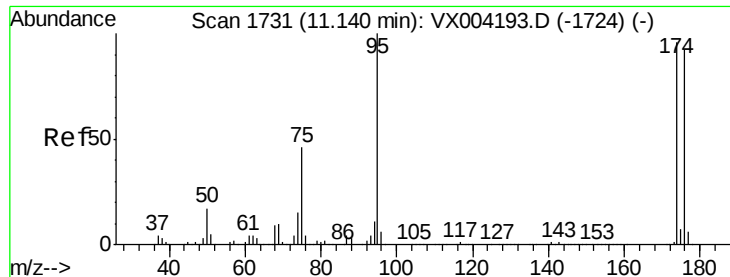
Tgt Ion: 43 Resp: 9368

Ion Ratio Lower Upper

43 100

58 13.5 29.0 87.0#





#62

4-Bromofluorobenzene

Concen: 49.603 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampled :

FL-0548

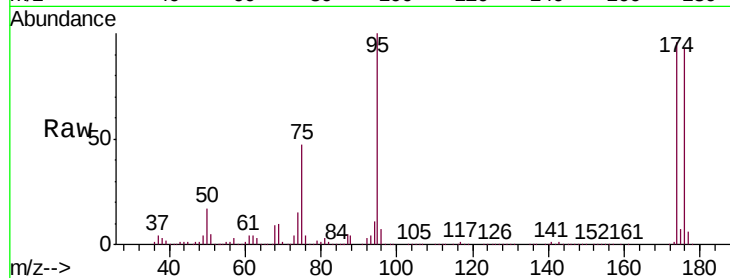
Tgt Ion: 95 Resp: 265364

Ion Ratio Lower Upper

95 100

174 93.2 0.0 185.2

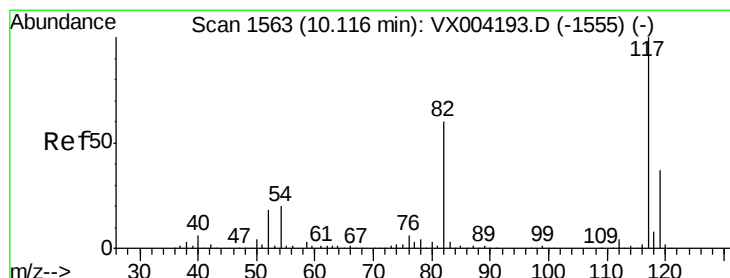
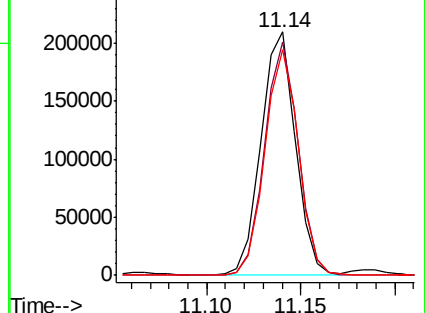
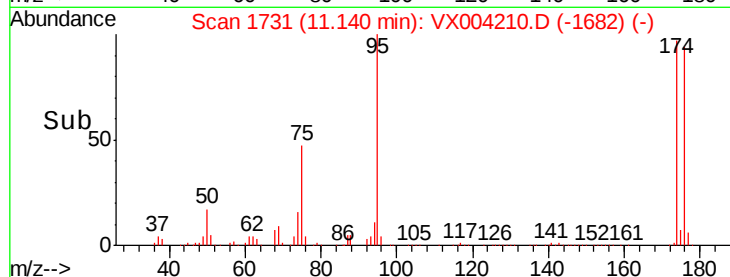
176 90.4 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004210.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX004210.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX004210.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

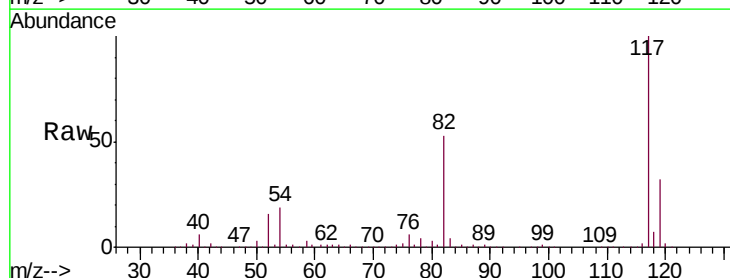
Tgt Ion: 117 Resp: 455852

Ion Ratio Lower Upper

117 100

82 52.8 47.8 71.6

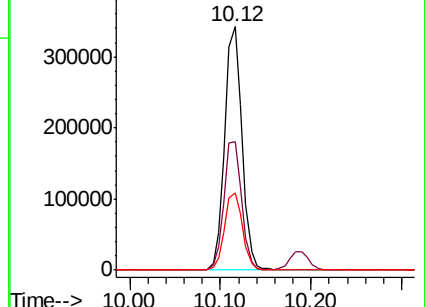
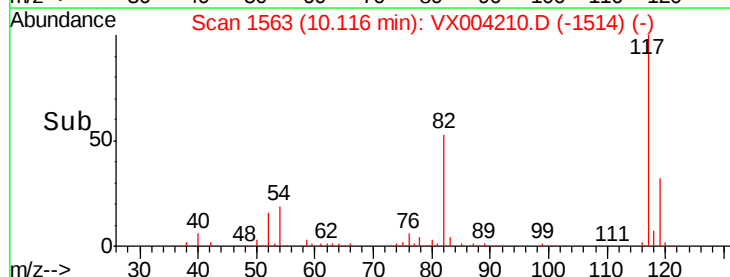
119 31.9 29.3 43.9

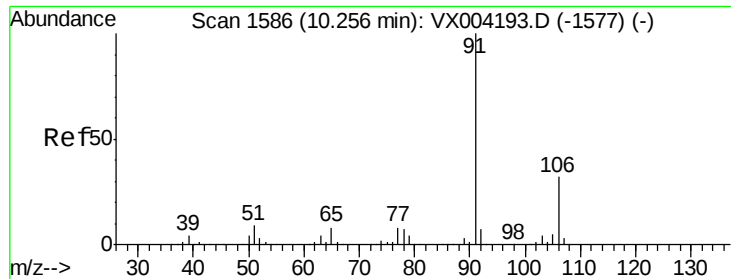


Abundance Ion 116.90 (116.60 to 117.60): VX004210.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX004210.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX004210.D (-1514) (-)





#67

Ethyl Benzene

Concen: 203.030 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampled :

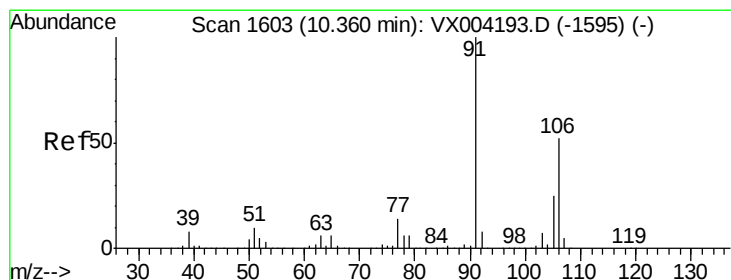
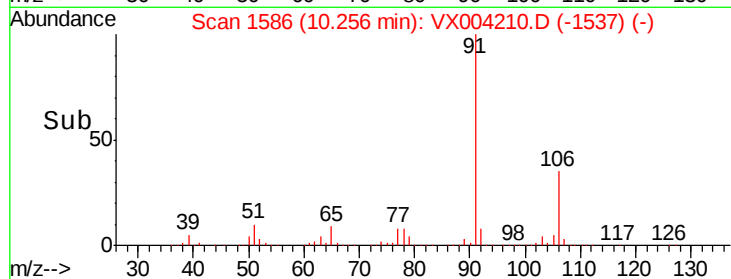
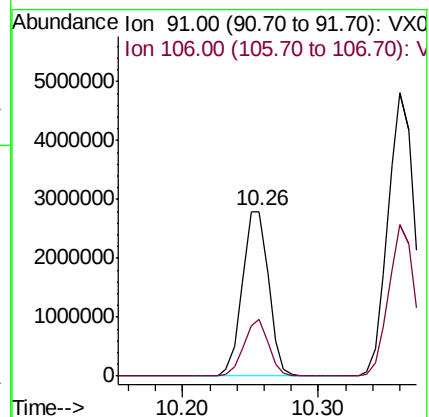
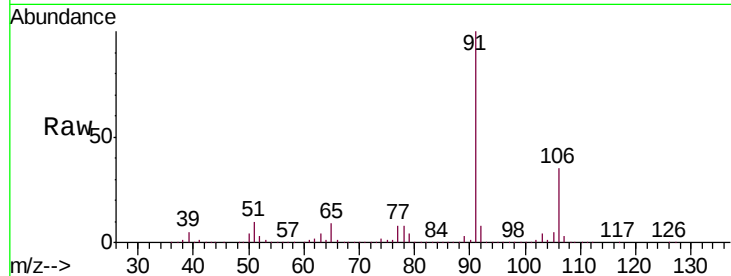
FL-0548

Tgt Ion: 91 Resp: 3772315

Ion Ratio Lower Upper

91 100

106 34.6 25.9 38.9



#68

m/p-Xylenes

Concen: 469.656 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX004210.D

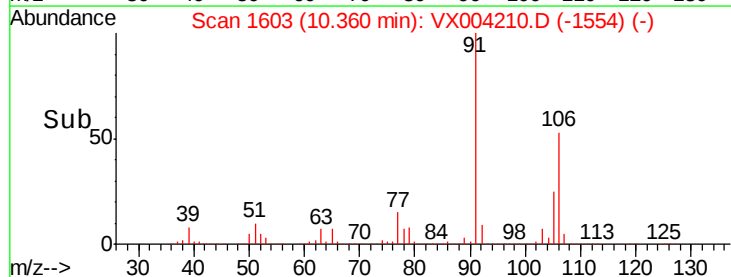
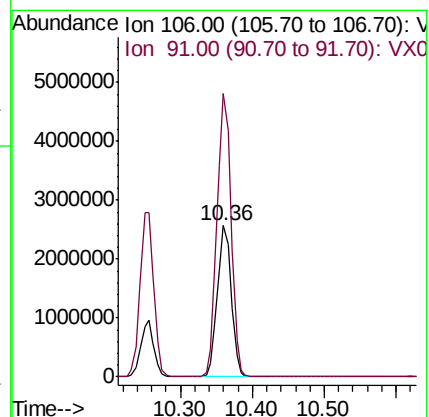
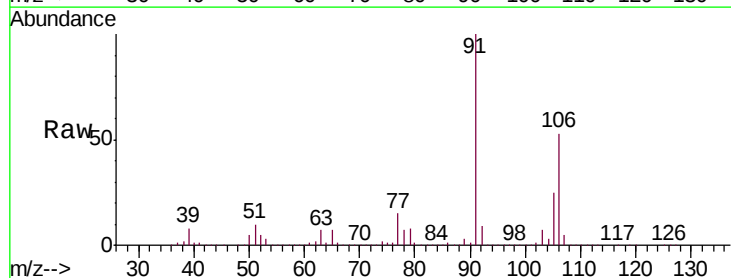
Acq: 22 Aug 2018 20:23

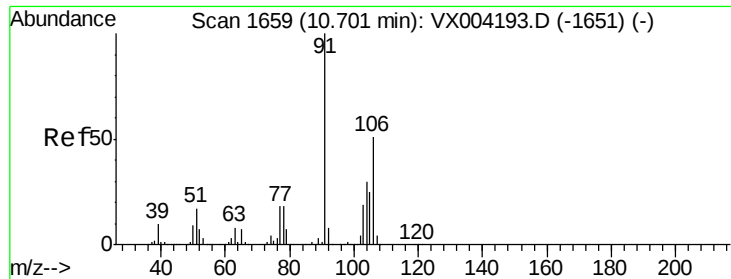
Tgt Ion: 106 Resp: 3412132

Ion Ratio Lower Upper

106 100

91 191.2 157.1 235.7

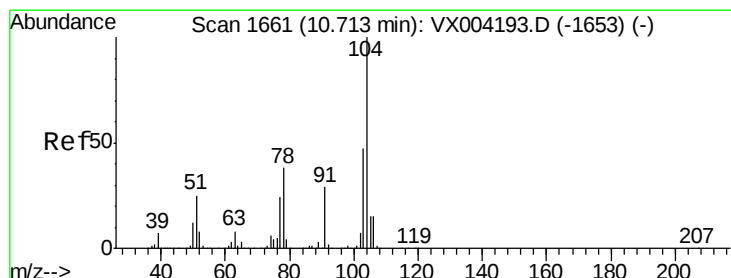
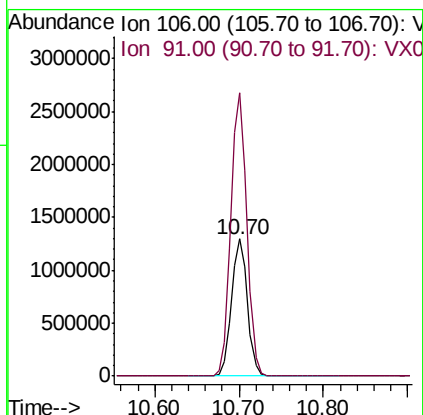
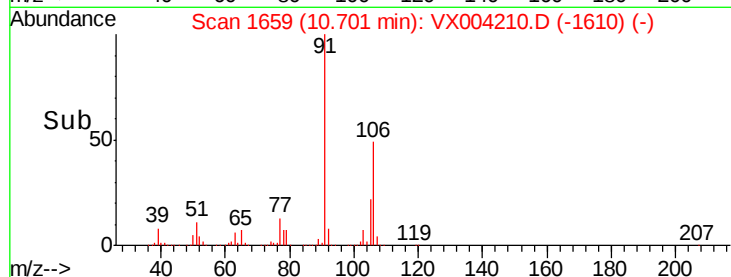
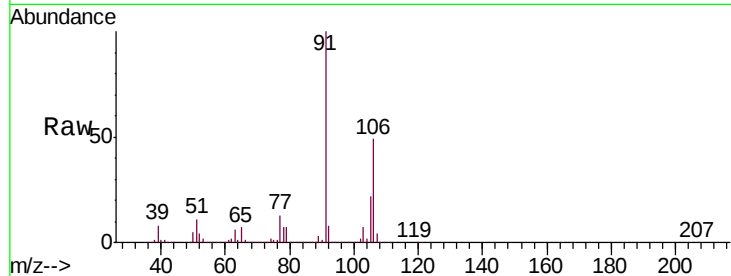




#69
o-Xylene
Concen: 242.273 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004210.D
Acq: 22 Aug 2018 20:23

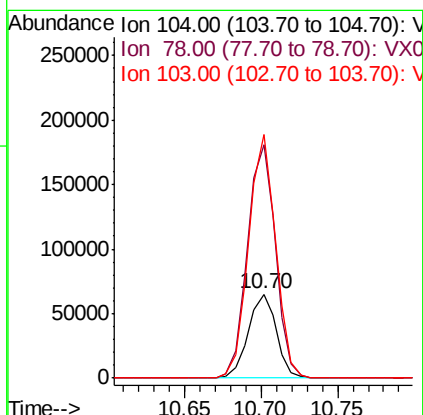
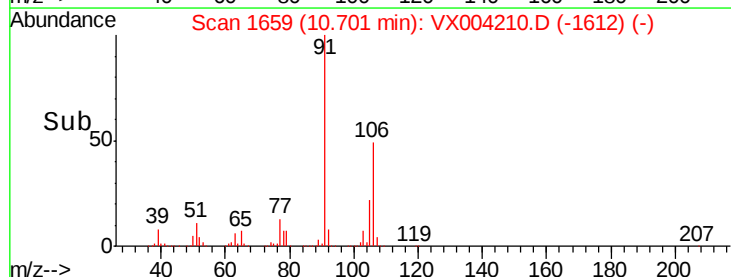
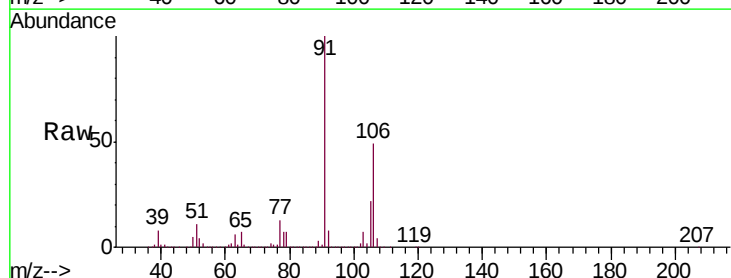
Instrument :
MSVOA_X
ClientSampled :
FL-0548

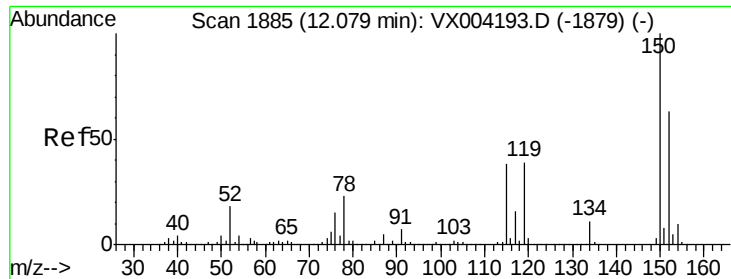
Tgt Ion:106 Resp: 1664960
Ion Ratio Lower Upper
106 100
91 209.2 105.1 315.1



#70
Styrene
Concen: 7.413 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX004210.D
Acq: 22 Aug 2018 20:23

Tgt Ion:104 Resp: 82484
Ion Ratio Lower Upper
104 100
78 279.8 37.4 56.0#
103 281.0 43.8 65.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

FL-0548

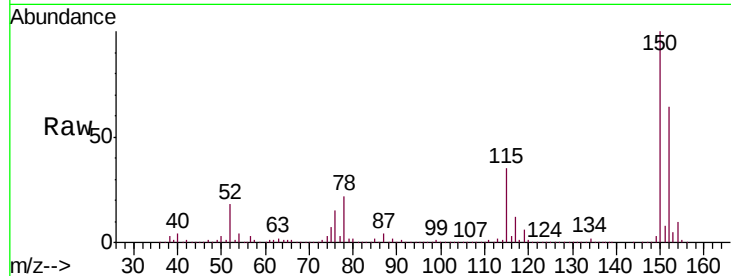
Tgt Ion:152 Resp: 289719

Ion Ratio Lower Upper

152 100

115 57.5 39.0 117.0

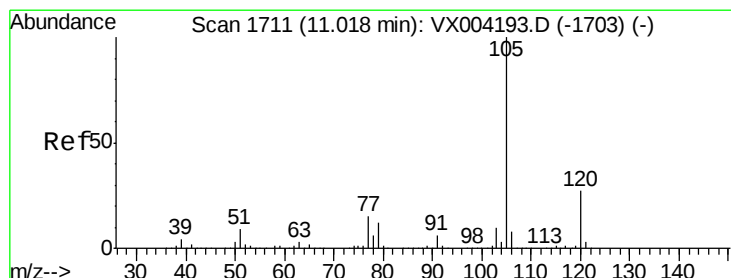
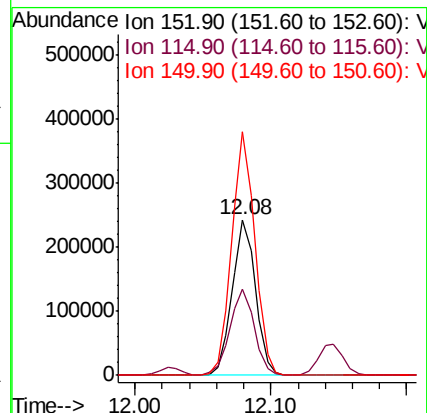
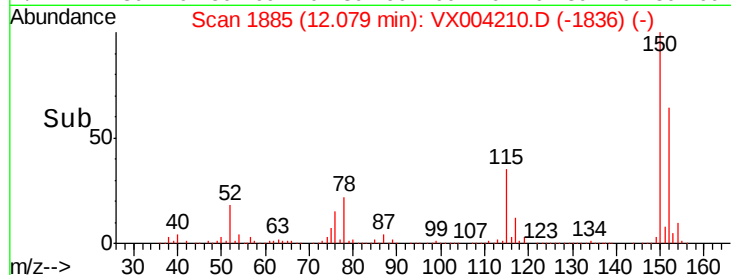
150 154.8 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 28.318 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004210.D

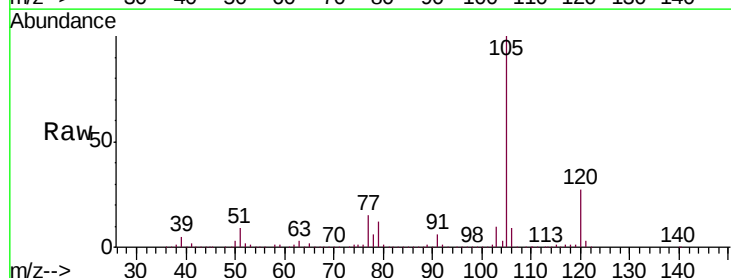
Acq: 22 Aug 2018 20:23

Tgt Ion:105 Resp: 538842

Ion Ratio Lower Upper

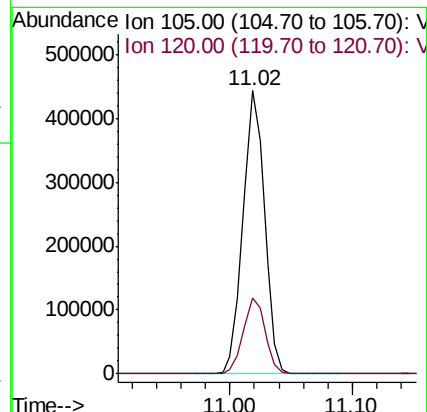
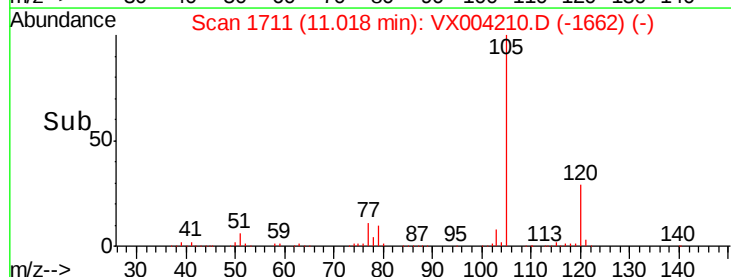
105 100

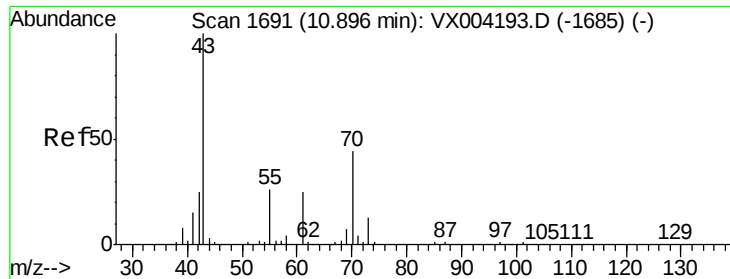
120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.313 ug/l

RT: 10.91 min Scan# 1694

Delta R.T. 0.02 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampled :

FL-0548

Tgt Ion: 43 Resp: 2294

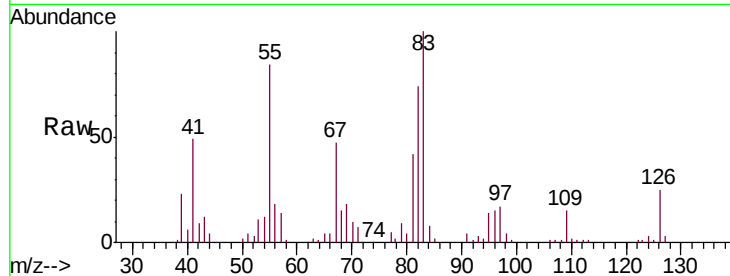
Ion Ratio Lower Upper

43 100

70 147.4 37.4 56.0#

55 799.0 21.8 32.8#

61 0.0 20.6 30.8#

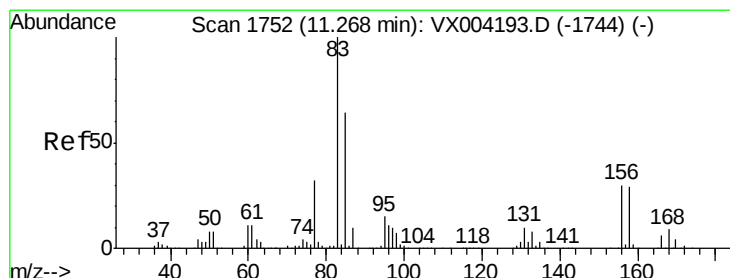
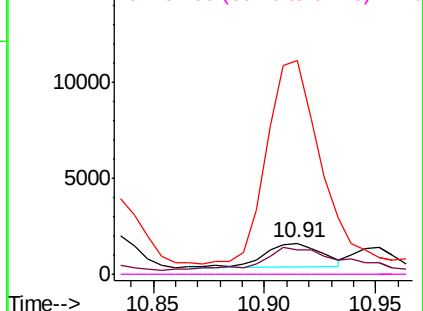
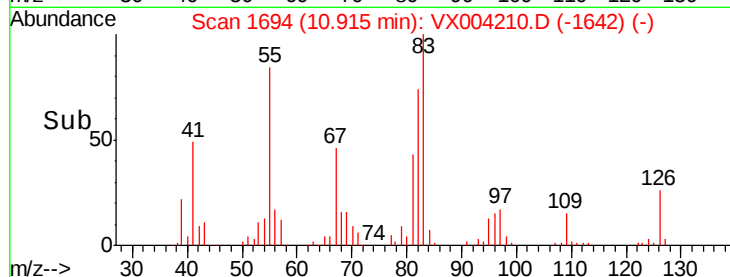


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.286 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

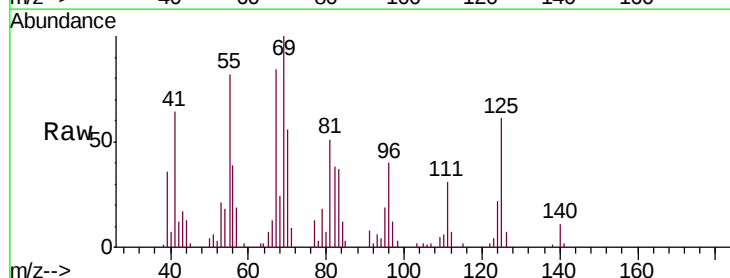
Tgt Ion: 83 Resp: 1905

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

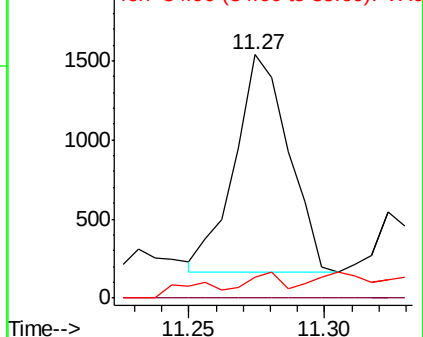
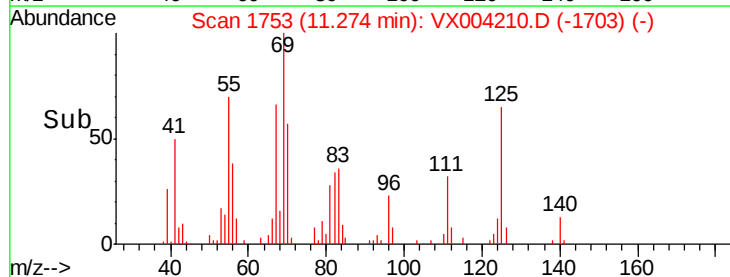
85 0.0 32.3 96.8#

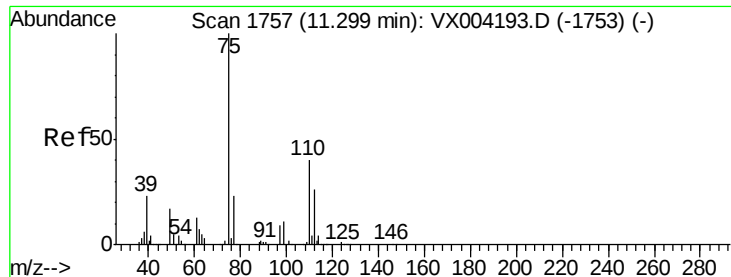


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 0.879 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.06 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

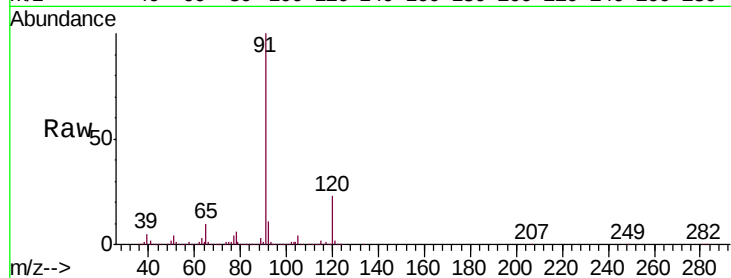
FL-0548

Tgt Ion: 75 Resp: 5178

Ion Ratio Lower Upper

75 100

77 667.1 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

250000

200000

150000

100000

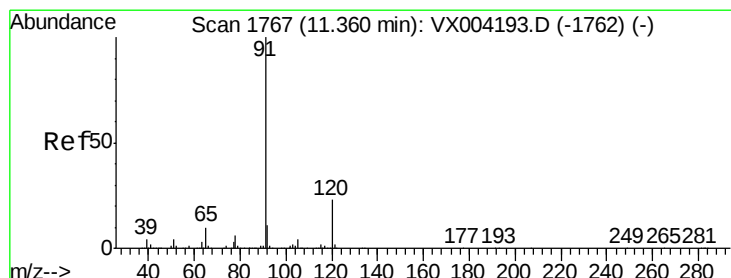
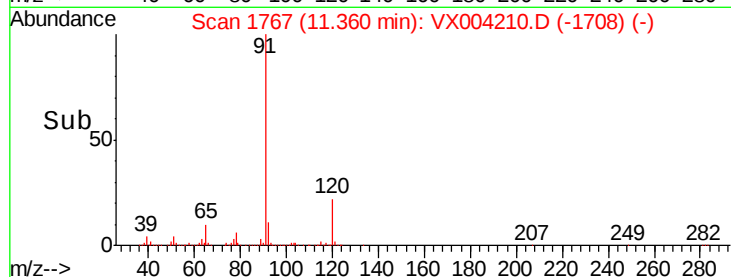
50000

0

Time-->

11.30 11.35 11.40

11.36



#78

n-propylbenzene

Concen: 41.742 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004210.D

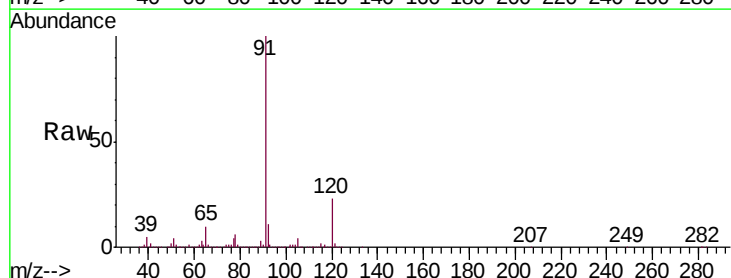
Acq: 22 Aug 2018 20:23

Tgt Ion: 91 Resp: 913541

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

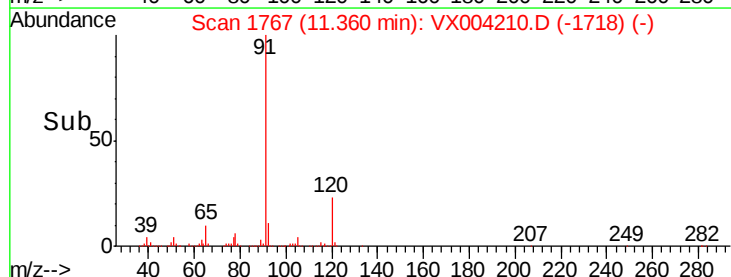
200000

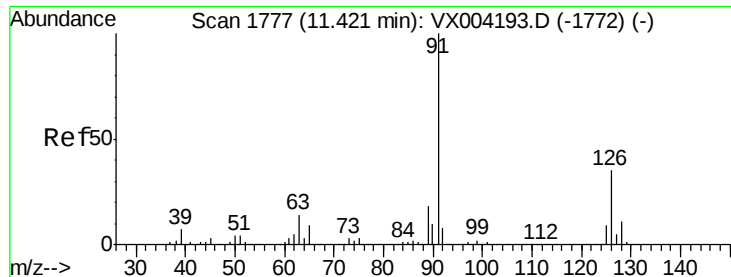
0

Time-->

11.30 11.35 11.40

11.36





#79

2-Chlorotoluene

Concen: 28.971 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

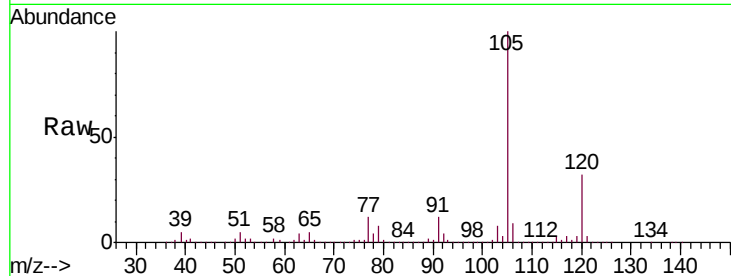
FL-0548

Tgt Ion: 91 Resp: 390249

Ion Ratio Lower Upper

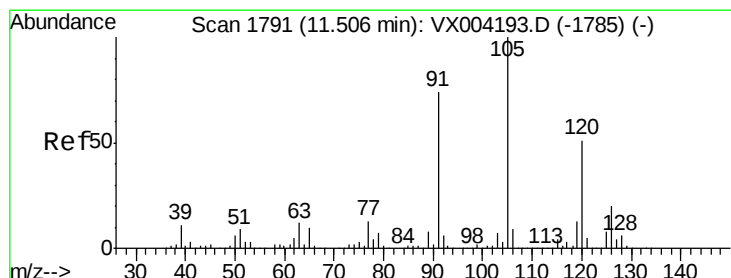
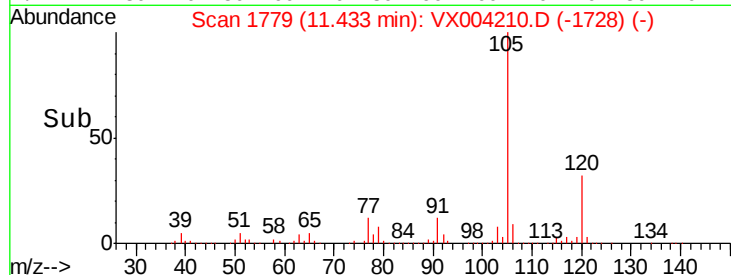
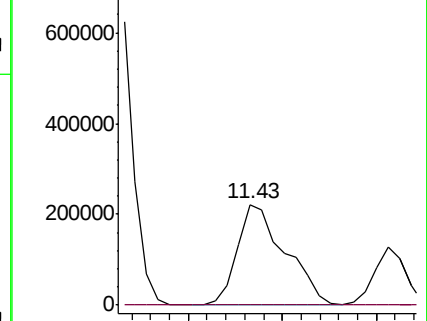
91 100

126 0.1 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 93.149 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX004210.D

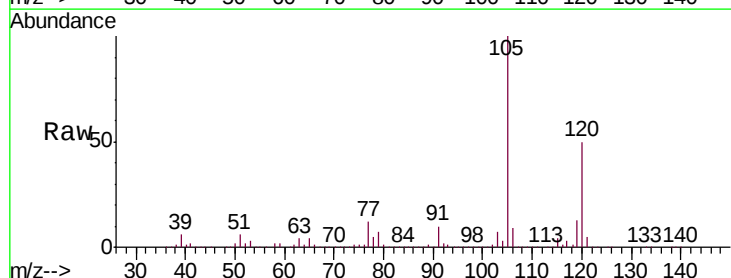
Acq: 22 Aug 2018 20:23

Tgt Ion:105 Resp: 1467847

Ion Ratio Lower Upper

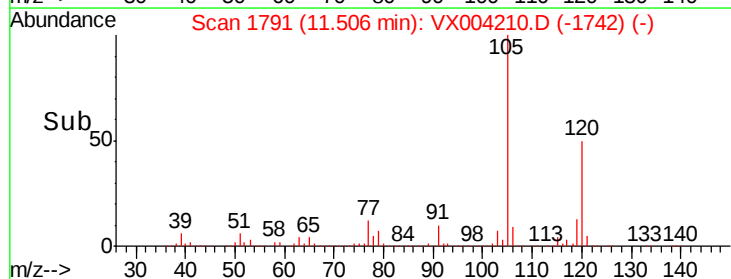
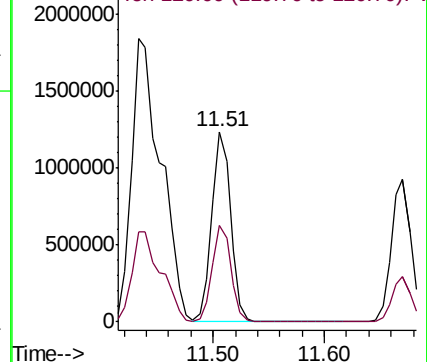
105 100

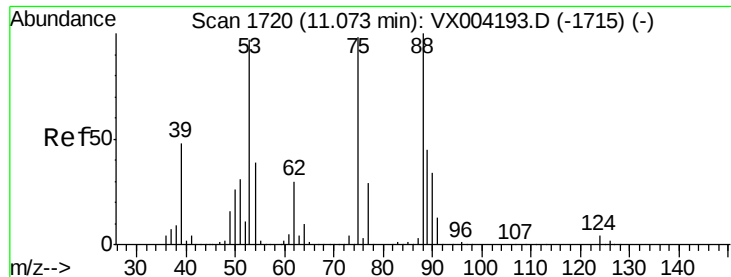
120 50.2 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 3.146 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.05 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

FL-0548

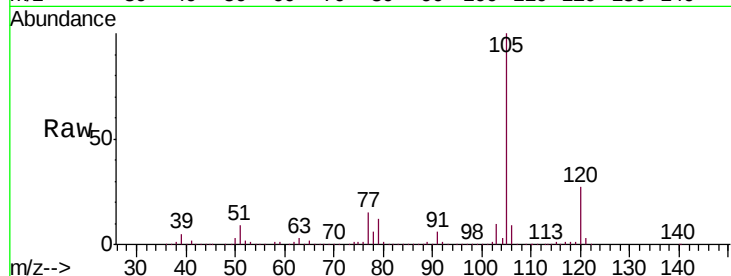
Tgt Ion: 75 Resp: 5714

Ion Ratio Lower Upper

75 100

53 111.0 80.1 120.1

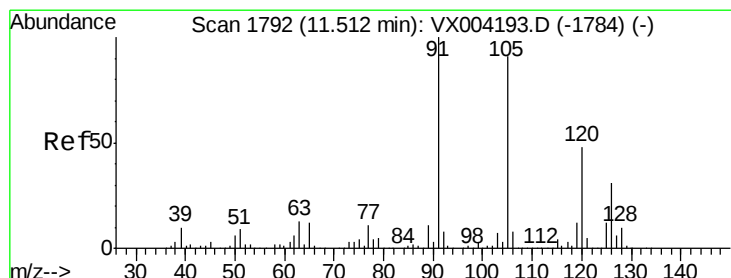
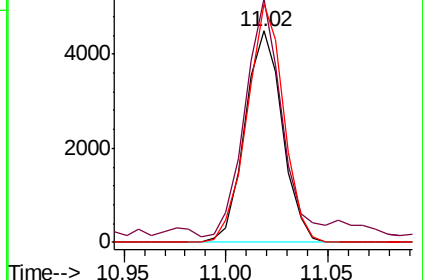
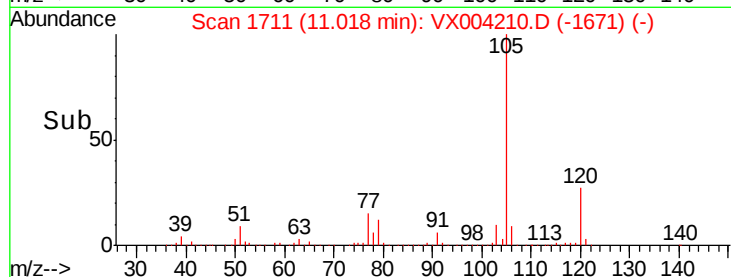
89 110.9 37.2 55.8#



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: 9.314 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX004210.D

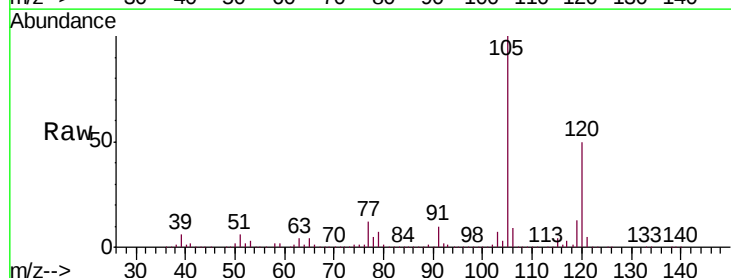
Acq: 22 Aug 2018 20:23

Tgt Ion: 91 Resp: 147634

Ion Ratio Lower Upper

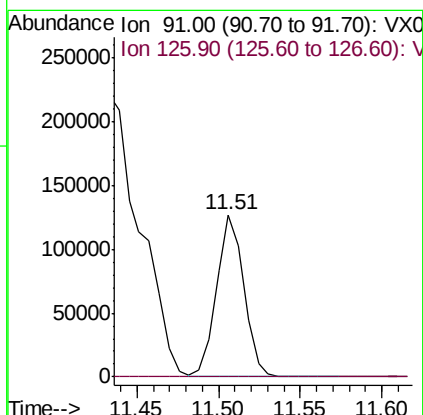
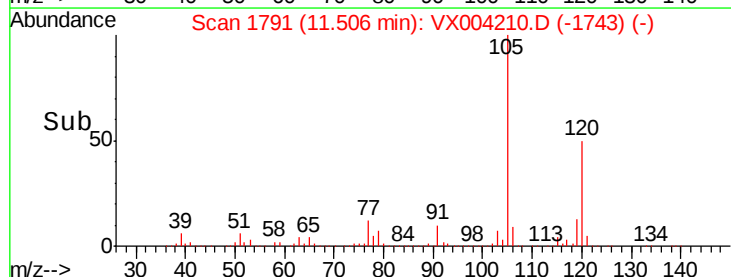
91 100

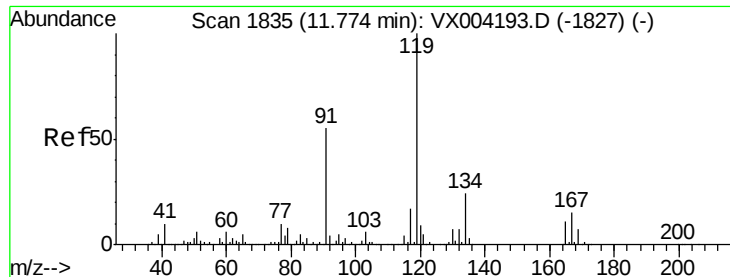
126 0.2 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

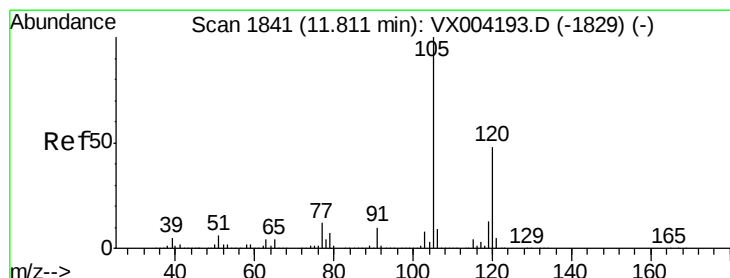
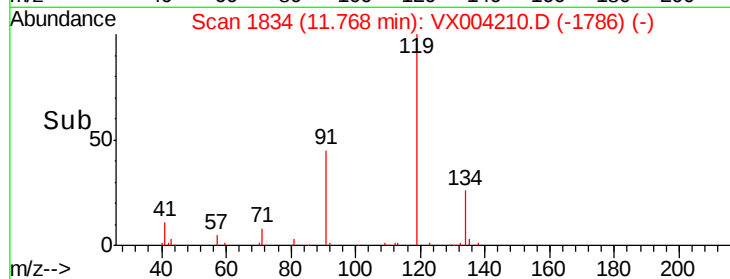
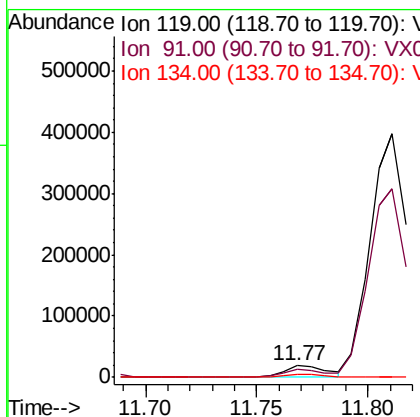
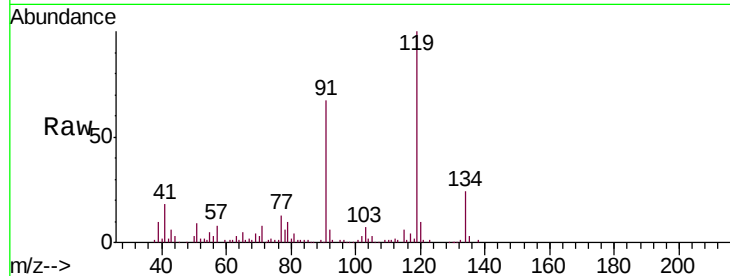




#83
 tert-Butylbenzene
 Concen: 1.620 ug/l
 RT: 11.77 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: VX004210.D
 Acq: 22 Aug 2018 20:23

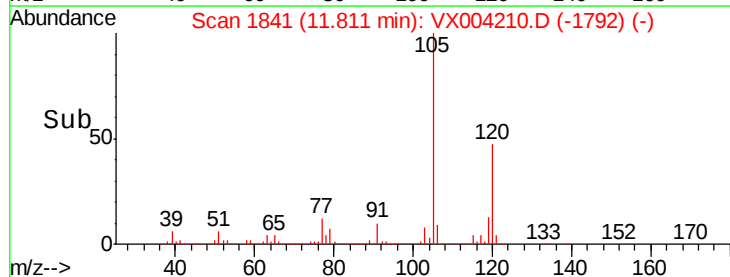
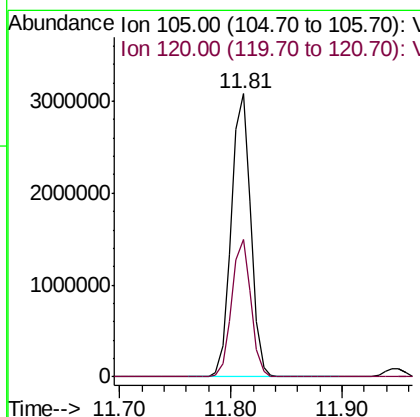
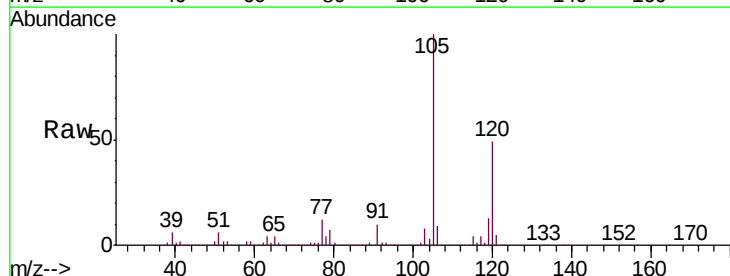
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0548

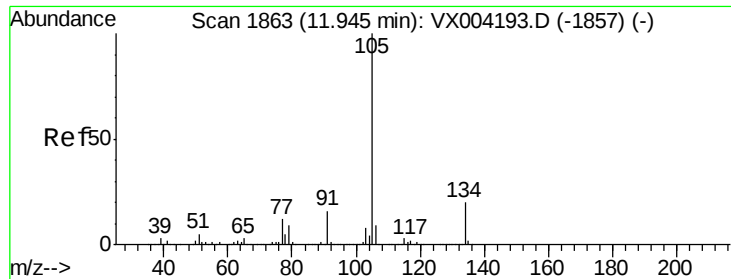
Tgt Ion:119 Resp: 25678
 Ion Ratio Lower Upper
 119 100
 91 57.8 27.0 81.0
 134 24.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 229.369 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX004210.D
 Acq: 22 Aug 2018 20:23

Tgt Ion:105 Resp: 3710170
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 6.153 ug/l

RT: 11.95 min Scan# 1863

Delta R.T. 0.00 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampled :

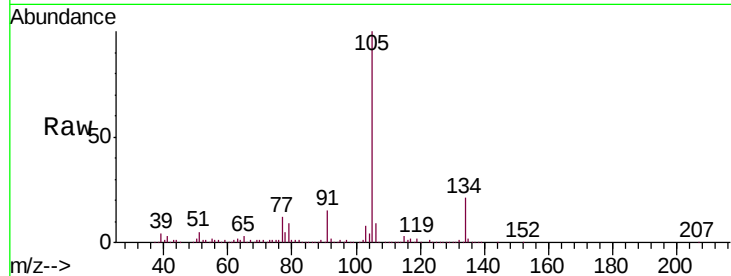
FL-0548

Tgt Ion:105 Resp: 115817

Ion Ratio Lower Upper

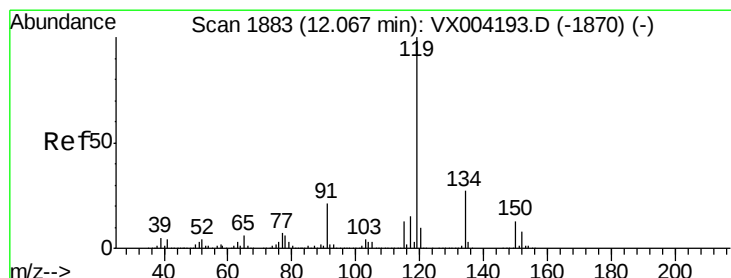
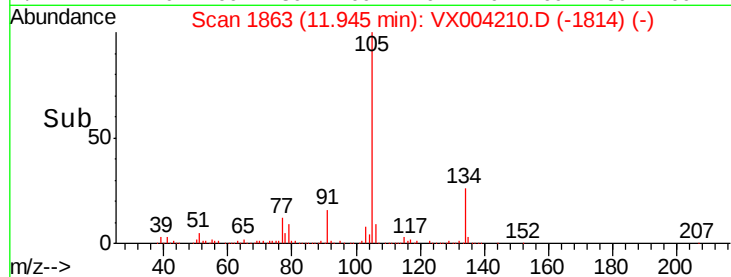
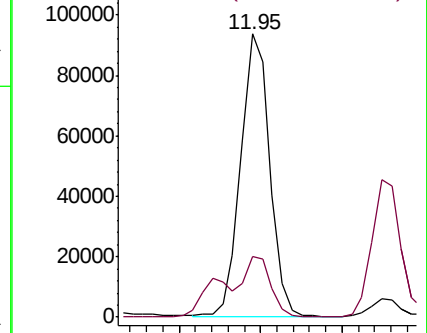
105 100

134 20.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 6.728 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

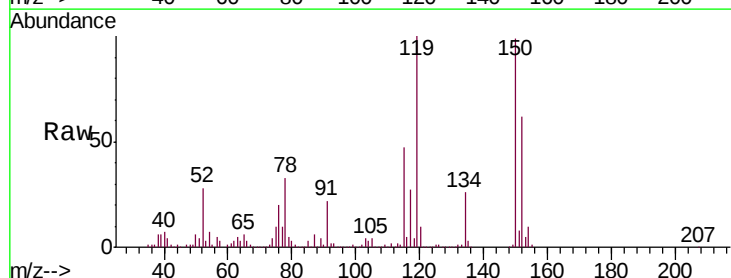
Tgt Ion:119 Resp: 113490

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.2

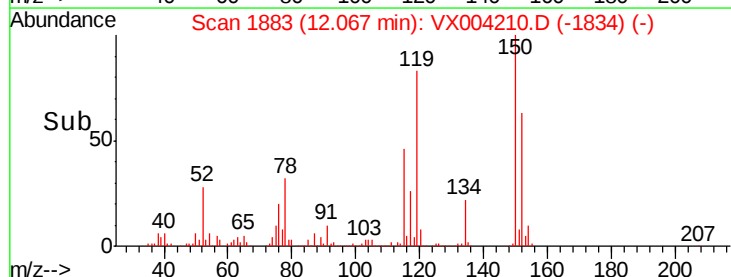
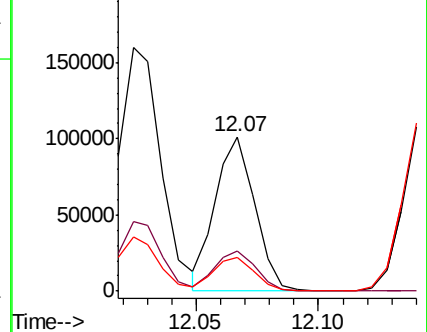
91 22.7 10.9 32.7

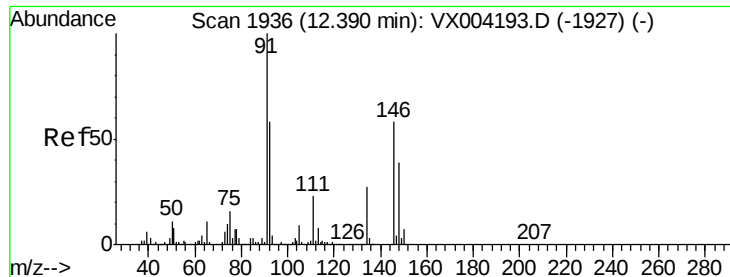


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 11.273 ug/l

RT: 12.38 min Scan# 1935

Delta R.T. -0.01 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

FL-0548

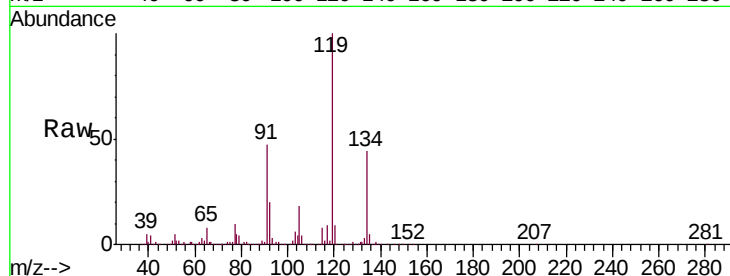
Tgt Ion: 91 Resp: 154629

Ion Ratio Lower Upper

91 100

92 34.7 27.3 81.9

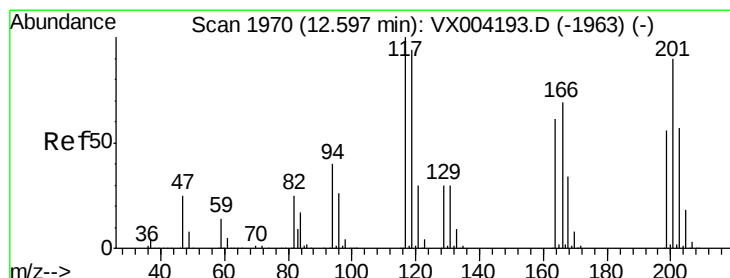
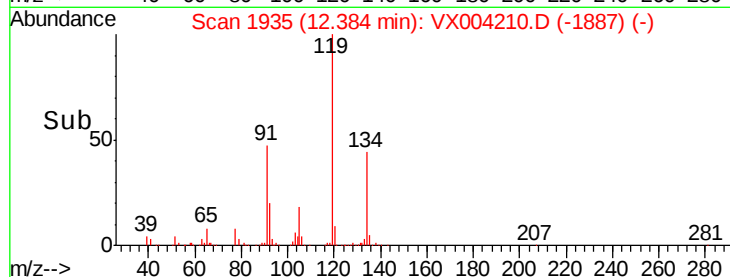
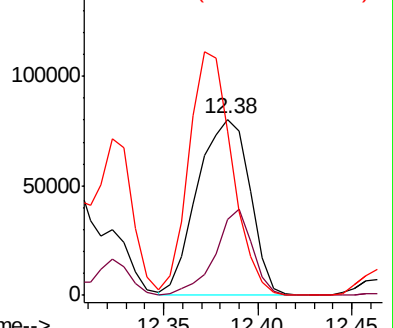
134 114.0 13.6 40.7#



Abundance Ion 91.00 (90.70 to 91.70): VX004210.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX004210.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX004210.D (-1887) (-)



#90

Hexachloroethane

Concen: 8.355 ug/l

RT: 12.59 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VX004210.D

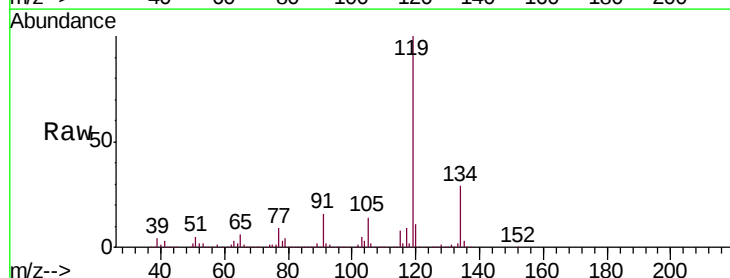
Acq: 22 Aug 2018 20:23

Tgt Ion: 117 Resp: 19700

Ion Ratio Lower Upper

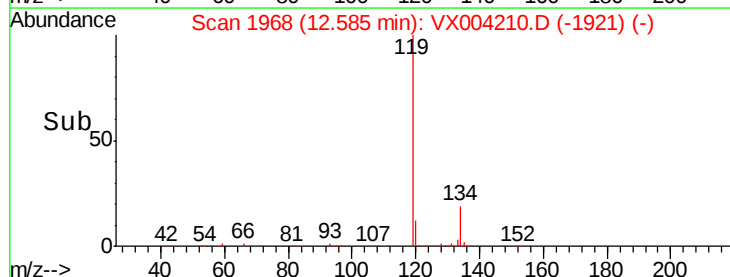
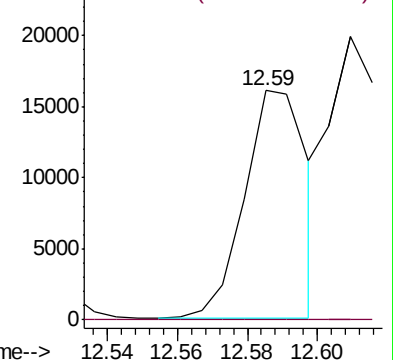
117 100

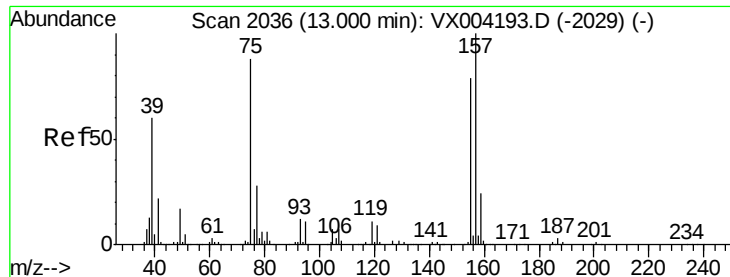
201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): VX004210.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX004210.D (-1921) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.972 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.02 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampled :

FL-0548

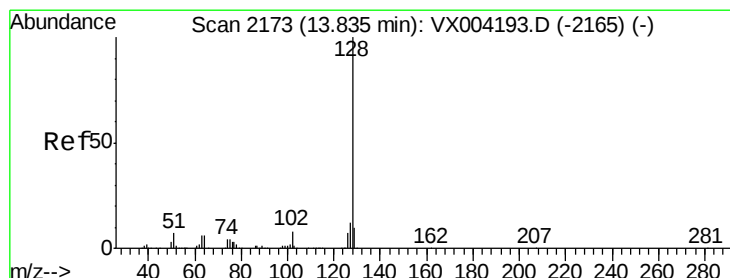
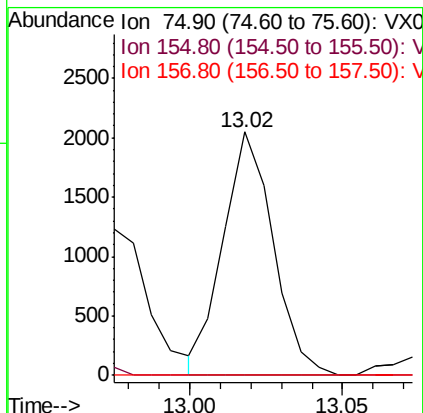
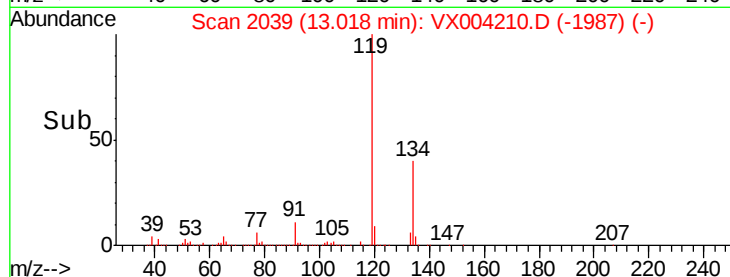
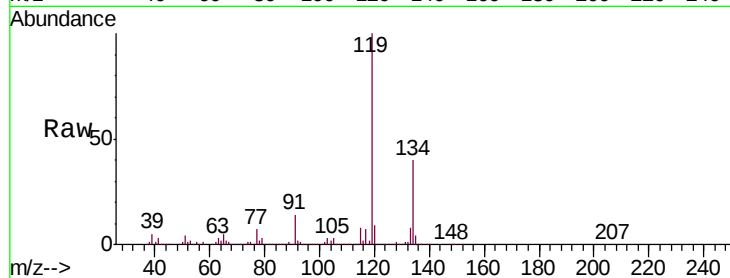
Tgt Ion: 75 Resp: 2313

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

157 0.0 61.4 184.1#



#95

Naphthalene

Concen: 85.551 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004210.D

Acq: 22 Aug 2018 20:23

Tgt Ion: 128 Resp: 1617070

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 11.1 8.6 12.8

