

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003860.D
 Acq On : 03 Aug 2018 20:28
 Operator : JC/MD
 Sample : J4263-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0523

Quant Time: Aug 04 00:50:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	85570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	122453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	116168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	68207	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	52356	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
35) Dibromofluoromethane	5.51	113	45433	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
50) Toluene-d8	8.72	98	175745	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.14	95	63919	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	646	Below Cal		95
5) Bromomethane	1.64	94	74	Below Cal		86
6) Chloroethane	1.64	64	287	Below Cal	#	41
13) Acrolein	2.39	56	3797	18.54	ug/l #	78
14) Allyl chloride	2.63	41	424	0.27	ug/l #	60
15) Acrylonitrile	3.17	53	2593	4.46	ug/l #	39
16) Acetone	2.45	43	1404	2.36	ug/l	96
18) Methyl Acetate	2.84	43	27417	20.53	ug/l #	51
20) Methylene Chloride	2.84	84	368	0.35	ug/l #	1
26) 2,2-Dichloropropane	4.40	77	519	0.45	ug/l #	50
29) Tetrahydrofuran	5.23	42	383	0.74	ug/l #	1
31) Cyclohexane	5.57	56	25066	17.48	ug/l	87
36) 1,1-Dichloropropene	5.67	75	5409	4.15	ug/l #	48
38) Carbon Tetrachloride	5.67	117	7254	5.61	ug/l #	17
39) Methylcyclohexane	7.46	83	16340	11.37	ug/l	95
40) Benzene	6.14	78	4862	1.19	ug/l	94
41) Methacrylonitrile	5.24	41	2853	3.46	ug/l #	47
48) Methyl methacrylate	7.73	41	1072	0.93	ug/l #	56
51) 4-Methyl-2-Pentanone	8.66	43	420	0.22	ug/l #	53
55) 1,1,2-Trichloroethane	9.16	97	3521	3.31	ug/l #	19
56) Ethyl methacrylate	9.16	69	814	0.55	ug/l #	1
67) Ethyl Benzene	10.26	91	237861	51.96	ug/l	100
68) m/p-Xylenes	10.37	106	53856	30.10	ug/l	100
69) o-Xylene	10.70	106	964	0.56	ug/l	99
73) Isopropylbenzene	11.02	105	59081	13.51	ug/l	99
74) N-amyl acetate	6.45	43	444	0.20	ug/l #	55
76) 1,2,3-Trichloropropane	11.14	75	30324	22.05	ug/l #	36
78) n-propylbenzene	11.36	91	99648	20.14	ug/l	98
79) 2-Chlorotoluene	11.46	91	5068	1.66	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.46	105	46459	12.66	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.14	75	30324	69.51	ug/l #	12
82) 4-Chlorotoluene	11.46	91	5068	1.43	ug/l #	43
83) tert-Butylbenzene	11.77	119	934	0.25	ug/l #	47
84) 1,2,4-Trimethylbenzene	11.81	105	153667	40.48	ug/l	100

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QLast Update : Fri Aug 03 01:55:28 2018
Response via : Initial Calibration

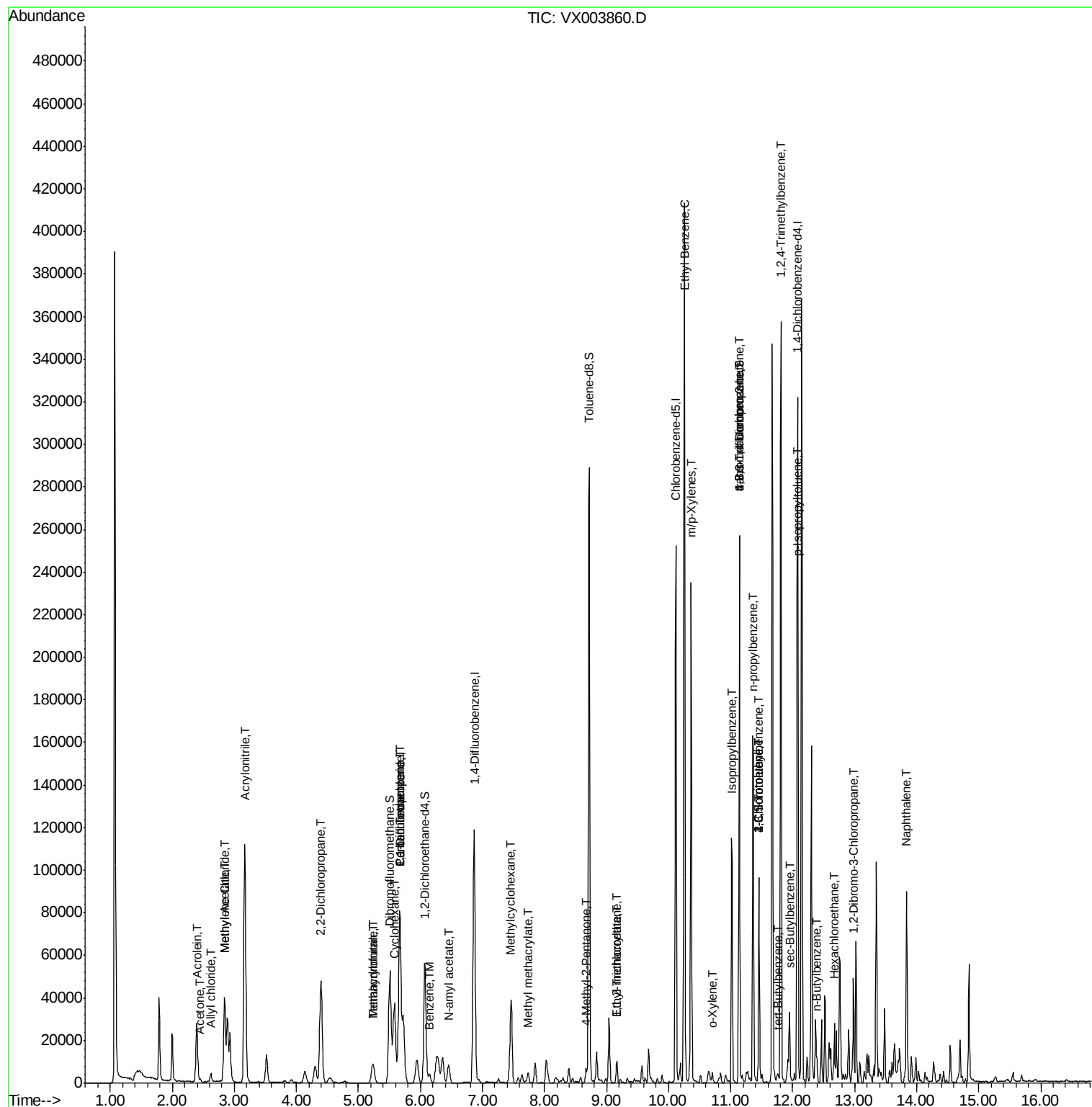
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.95	105	18048	4.23	ug/l	87
86) p-Isopropyltoluene	12.07	119	11437	2.96	ug/l	97
89) n-Butylbenzene	12.39	91	5666	1.71	ug/l #	52
90) Hexachloroethane	12.67	117	1294	2.07	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	152	0.43	ug/l #	1
95) Naphthalene	13.83	128	56111	11.47	ug/l	99

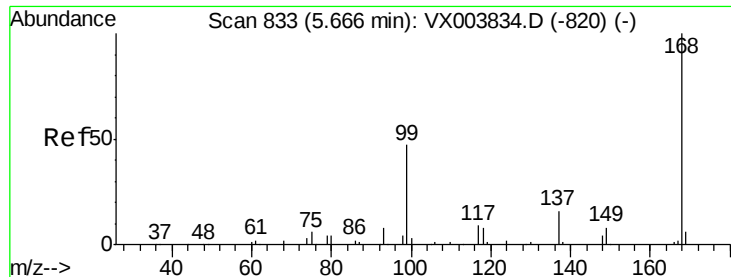
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

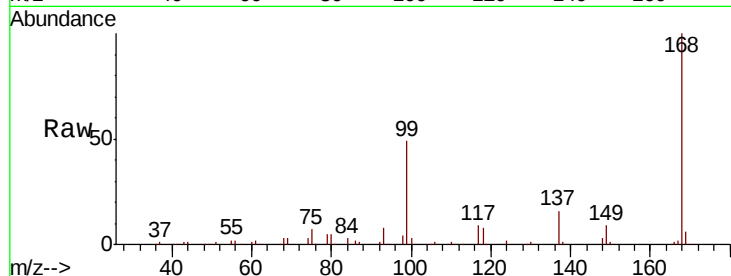
FL-0523

Tot Ion:168 Resp: 85570

Ion Ratio Lower Upper

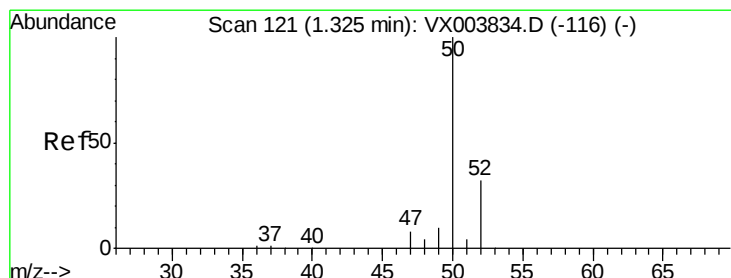
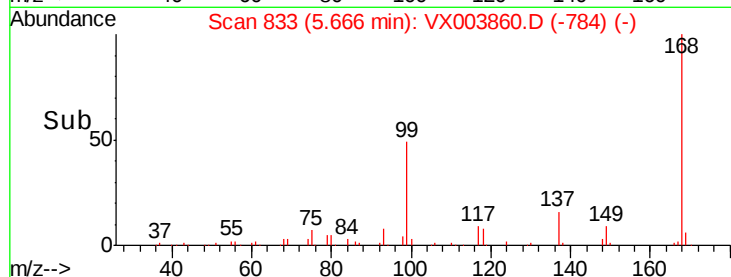
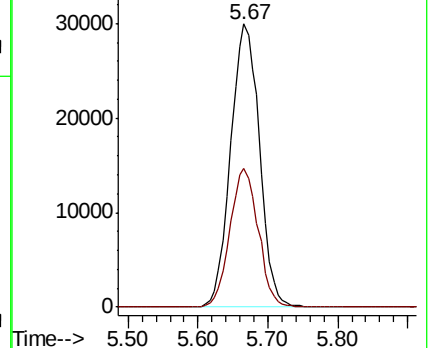
168 100

99 49.2 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003860.D

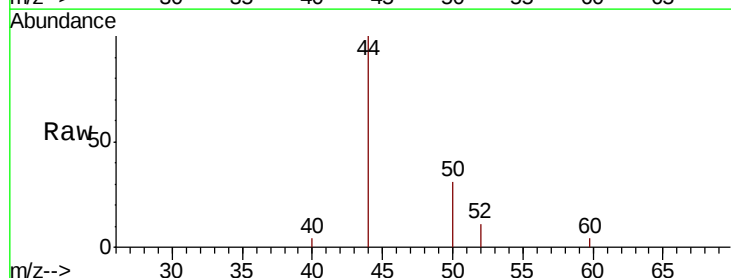
Acq: 03 Aug 2018 20:28

Tgt Ion: 50 Resp: 646

Ion Ratio Lower Upper

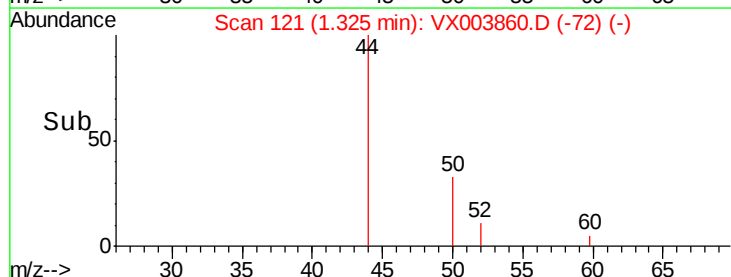
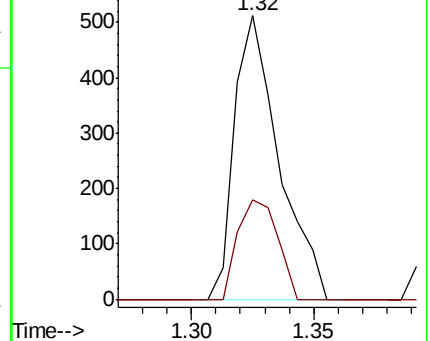
50 100

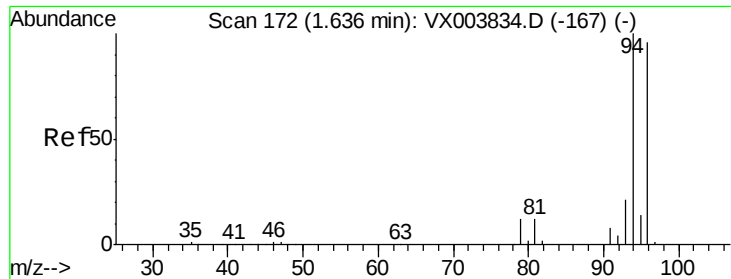
52 35.2 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

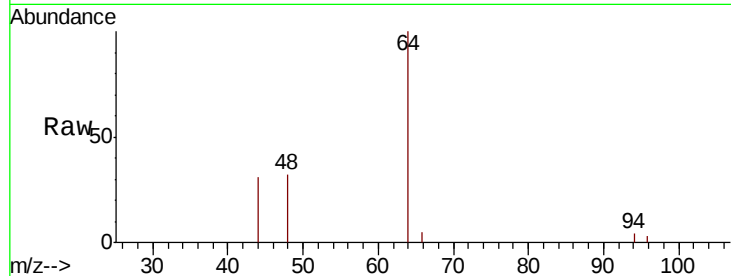
FL-0523

Tot Ion: 94 Resp: 74

Ion Ratio Lower Upper

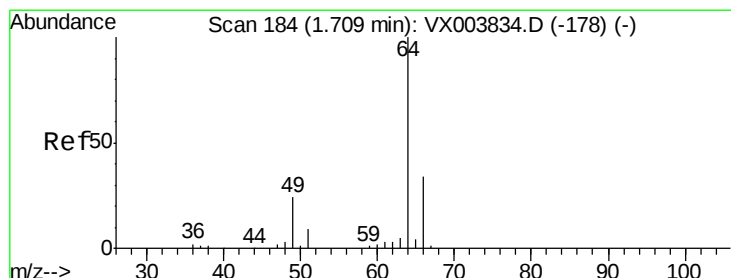
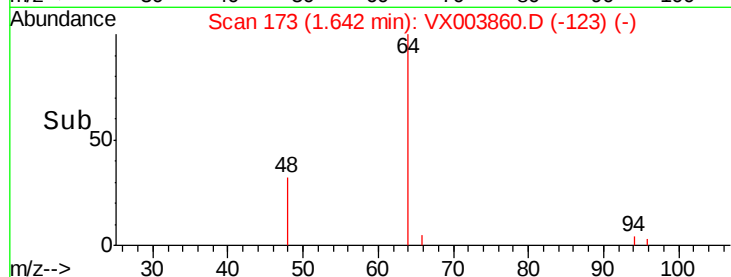
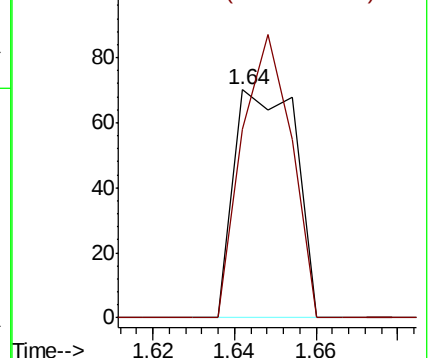
94 100

96 82.9 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. -0.07 min

Lab File: VX003860.D

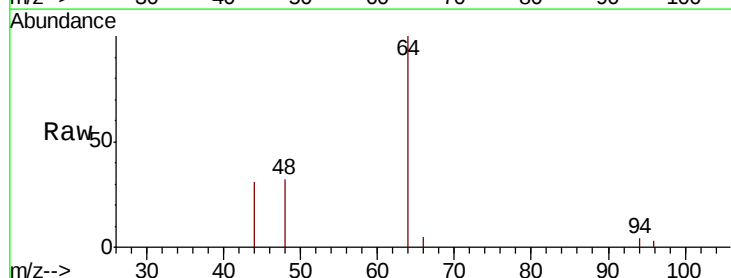
Acq: 03 Aug 2018 20:28

Tgt Ion: 64 Resp: 287

Ion Ratio Lower Upper

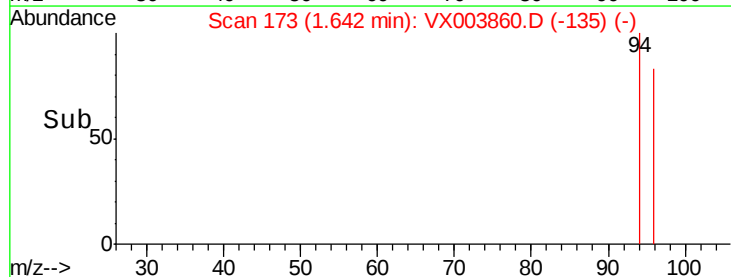
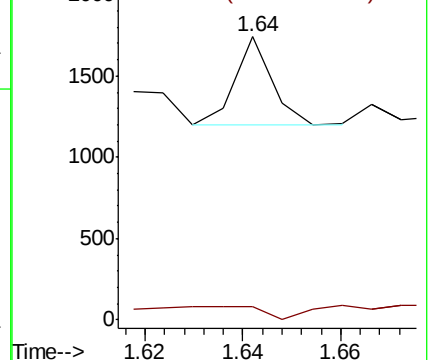
64 100

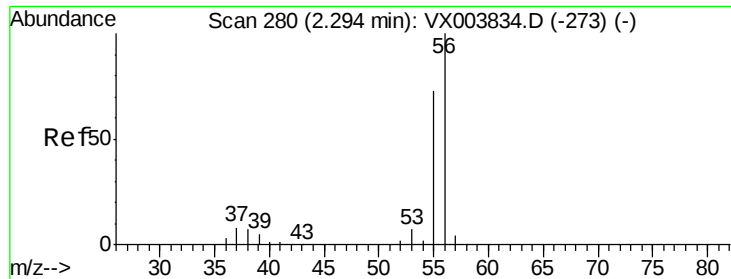
66 0.0 27.2 40.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#13

Acrolein

Concen: 18.54 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.10 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

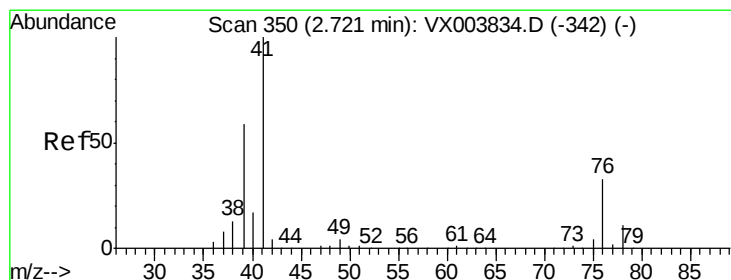
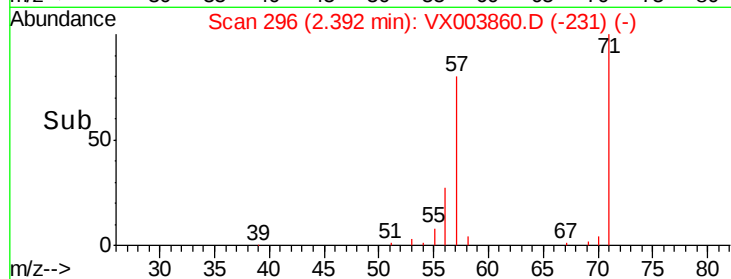
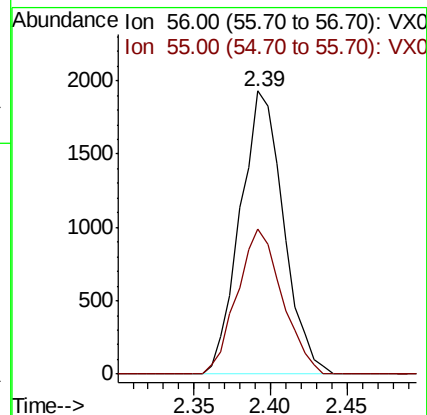
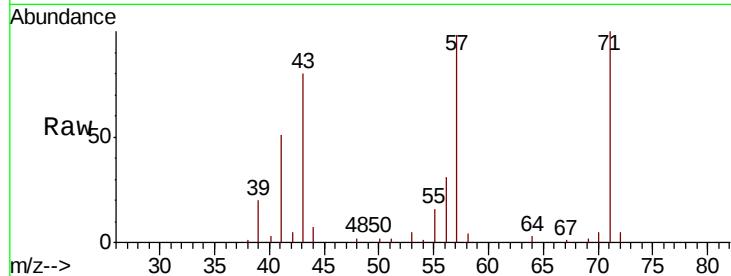
FL-0523

Tot Ion: 56 Resp: 3797

Ion Ratio Lower Upper

56 100

55 53.4 57.7 86.5#



#14

Allyl chloride

Concen: 0.27 ug/l

RT: 2.63 min Scan# 335

Delta R.T. -0.09 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

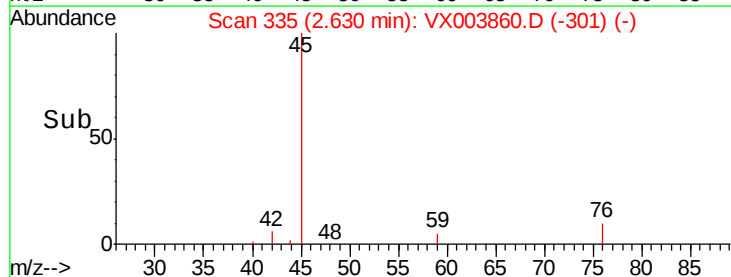
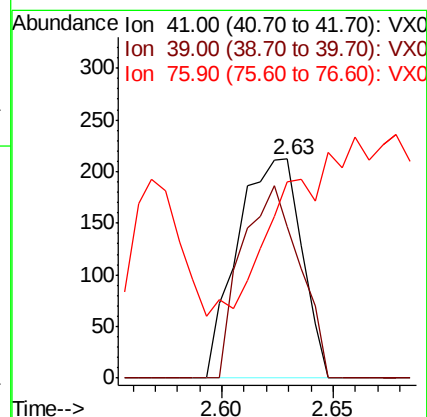
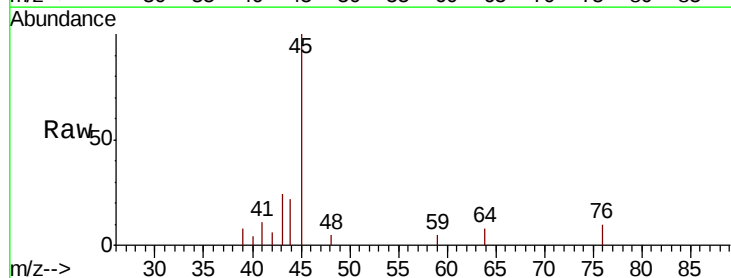
Tgt Ion: 41 Resp: 424

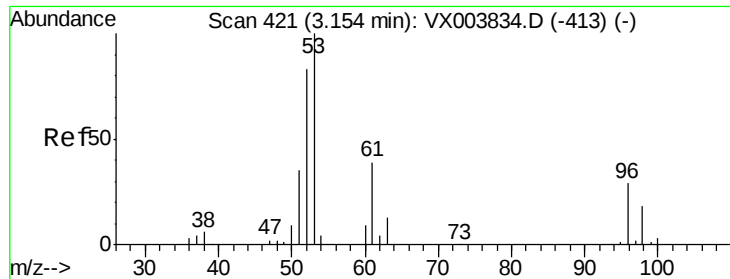
Ion Ratio Lower Upper

41 100

39 79.0 46.1 69.1#

76 0.0 26.8 40.2#





#15

Acrylonitrile

Concen: 4.46 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampled :

FL-0523

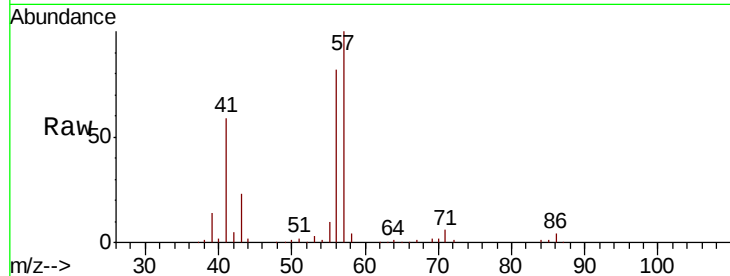
Tot Ion: 53 Resp: 2593

Ion Ratio Lower Upper

53 100

52 18.5 65.9 98.9#

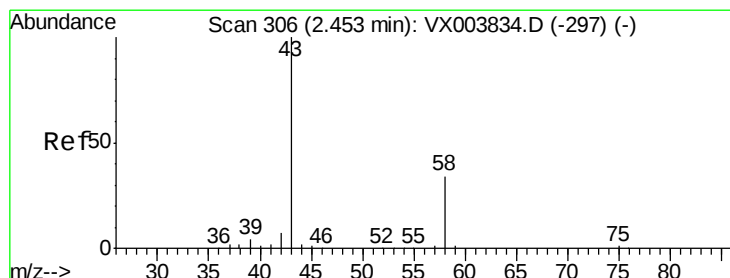
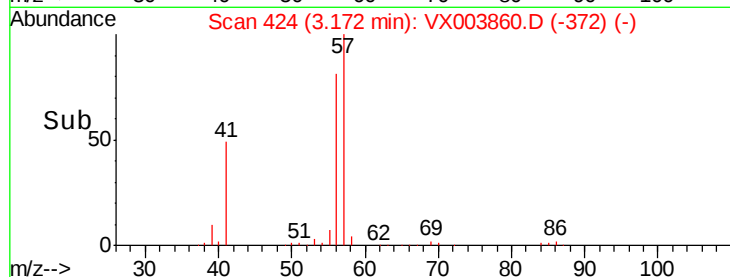
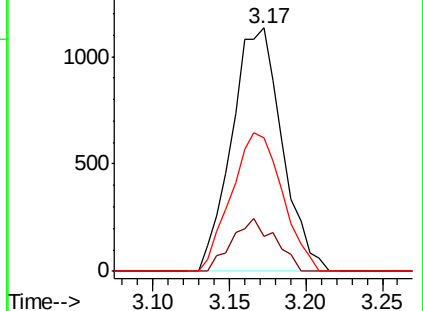
51 57.7 28.6 43.0#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 2.36 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003860.D

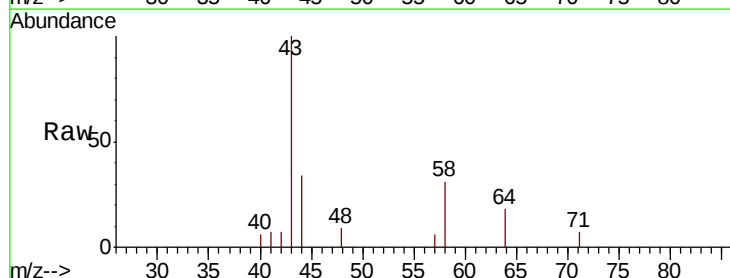
Acq: 03 Aug 2018 20:28

Tgt Ion: 43 Resp: 1404

Ion Ratio Lower Upper

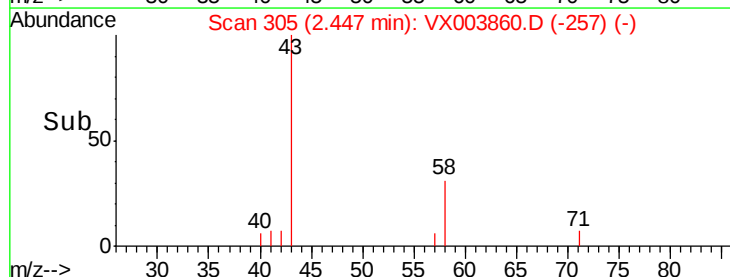
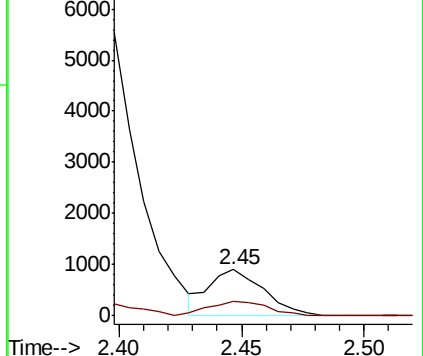
43 100

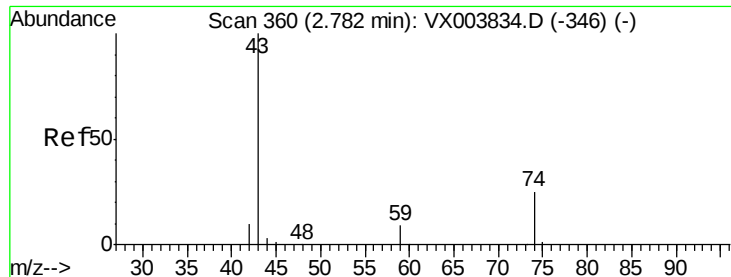
58 31.5 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

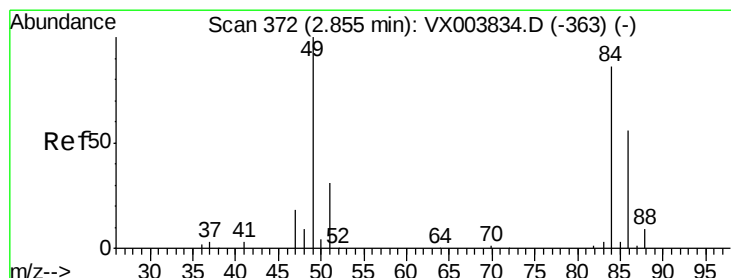
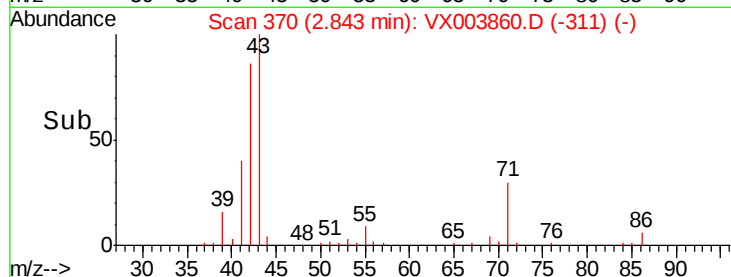
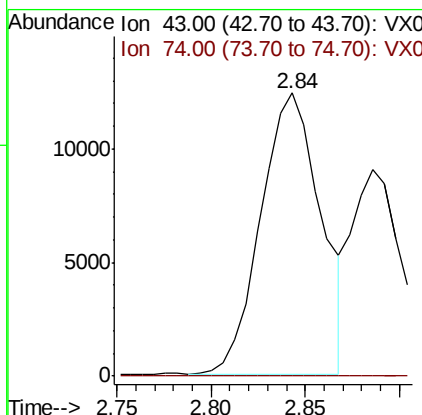
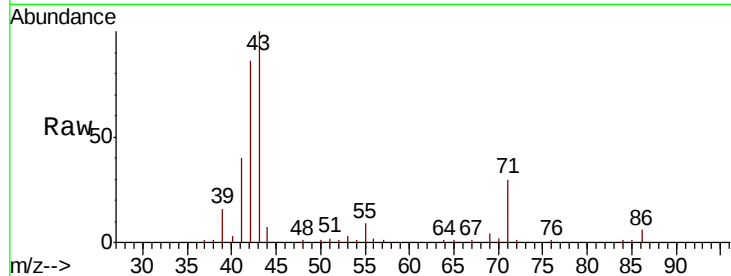




#18
Methyl Acetate
Concen: 20.53 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

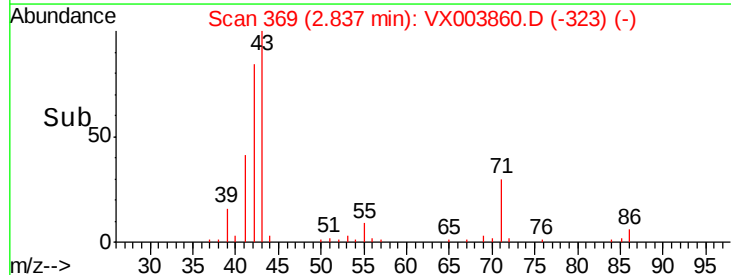
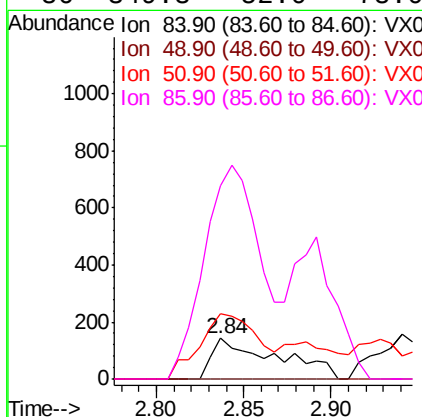
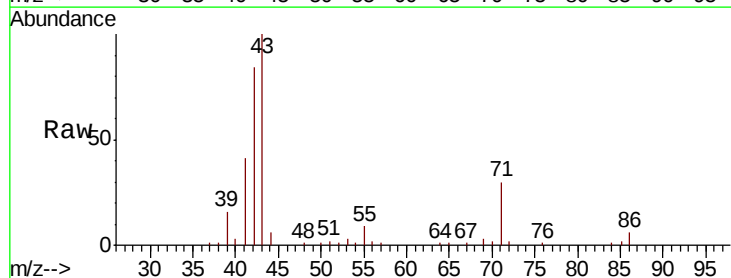
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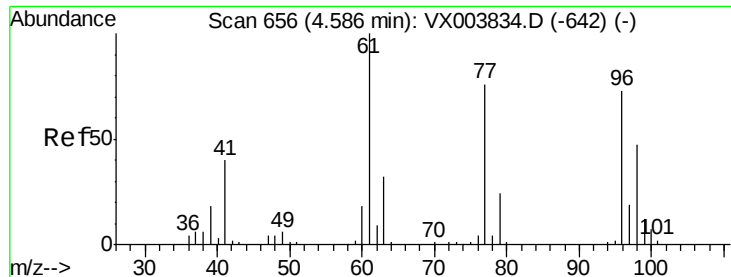
Tot Ion: 43 Resp: 27417
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: 0.35 ug/l
RT: 2.84 min Scan# 369
Delta R.T. -0.02 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion: 84 Resp: 368
Ion Ratio Lower Upper
84 100
49 0.0 93.2 139.8#
51 116.2 29.2 43.8#
86 349.3 52.0 78.0#

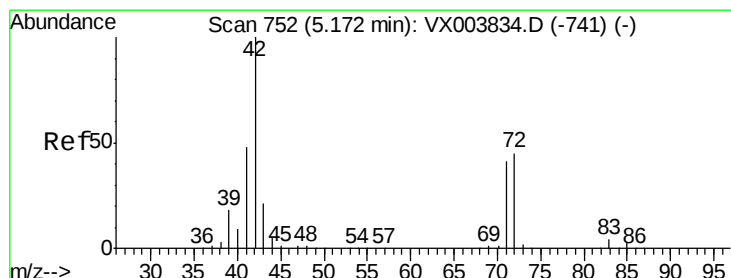
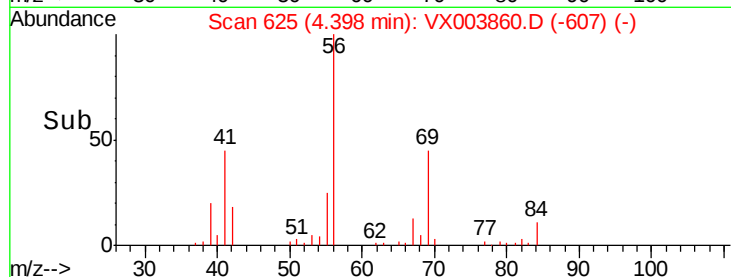
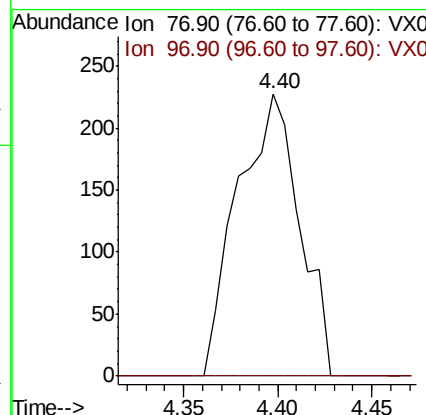
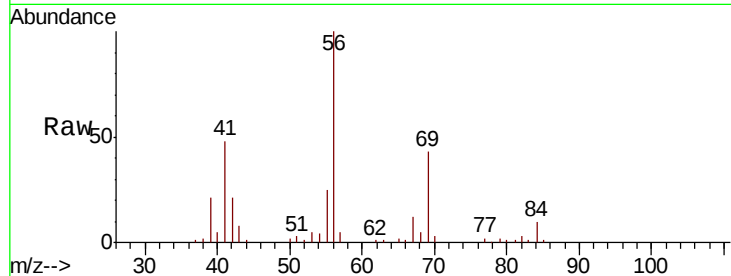




#26
 2,2-Dichloropropane
 Concen: 0.45 ug/l
 RT: 4.40 min Scan# 625
 Delta R.T. -0.19 min
 Lab File: VX003860.D
 Acq: 03 Aug 2018 20:28

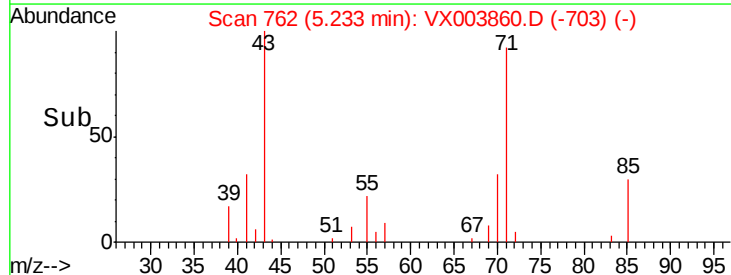
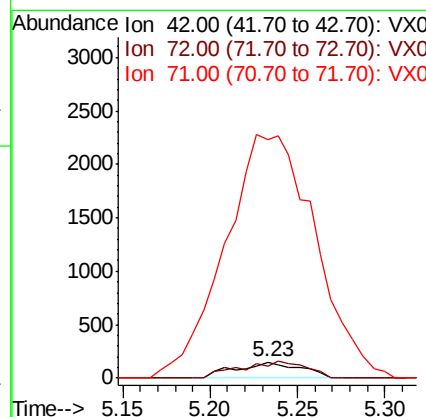
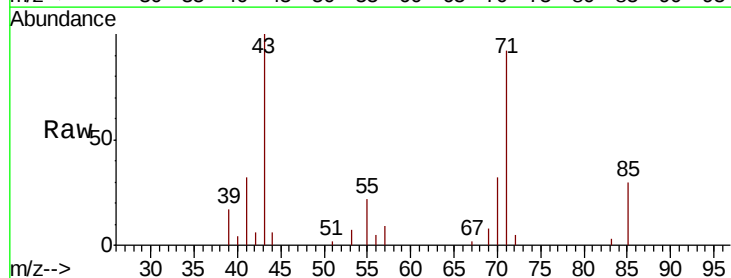
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0523

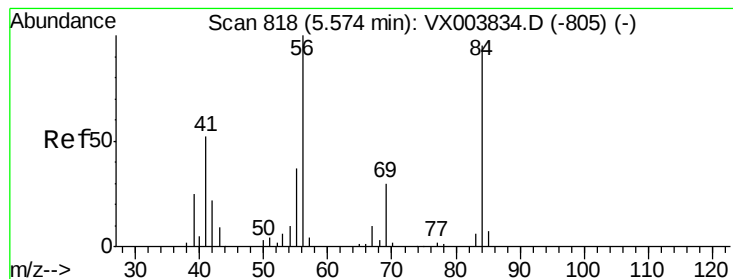
Tot Ion: 77 Resp: 519
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.8 38.3#



#29
 Tetrahydrofuran
 Concen: 0.74 ug/l
 RT: 5.23 min Scan# 762
 Delta R.T. 0.06 min
 Lab File: VX003860.D
 Acq: 03 Aug 2018 20:28

Tgt Ion: 42 Resp: 383
 Ion Ratio Lower Upper
 42 100
 72 108.1 36.1 54.1#
 71 2137.6 33.6 50.4#





#31

Cyclohexane

Concen: 17.48 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampled :

FL-0523

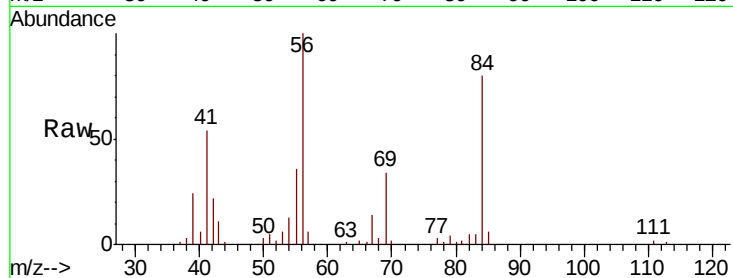
Tot Ion: 56 Resp: 25066

Ion Ratio Lower Upper

56 100

69 33.0 23.7 35.5

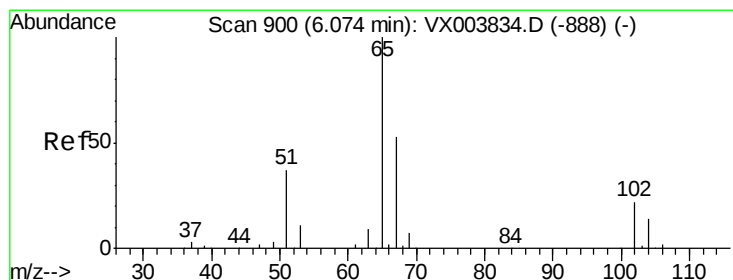
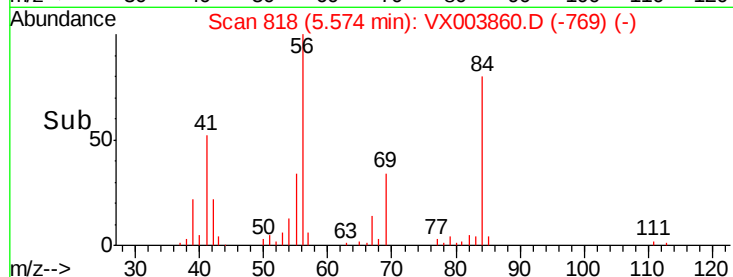
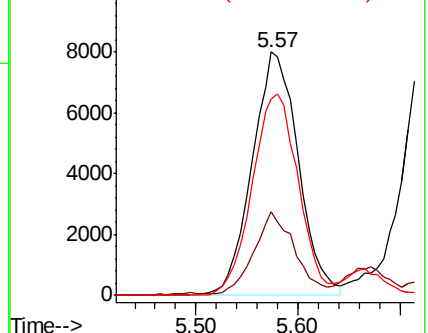
84 80.4 75.7 113.5



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: 46.39 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003860.D

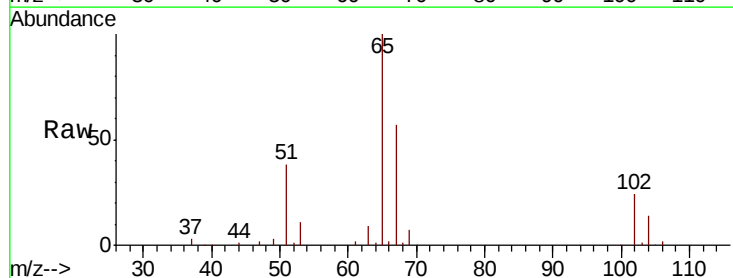
Acq: 03 Aug 2018 20:28

Tgt Ion: 65 Resp: 52356

Ion Ratio Lower Upper

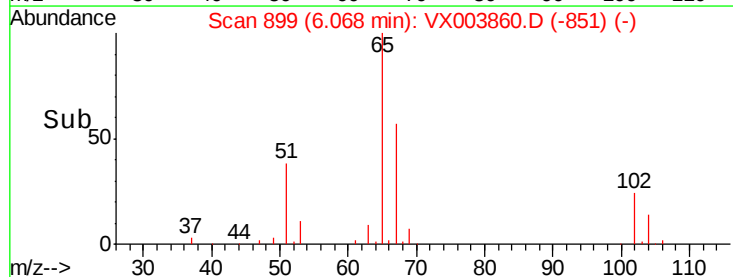
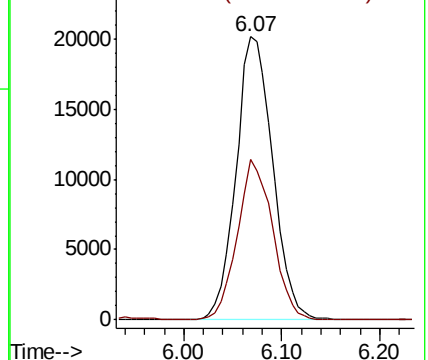
65 100

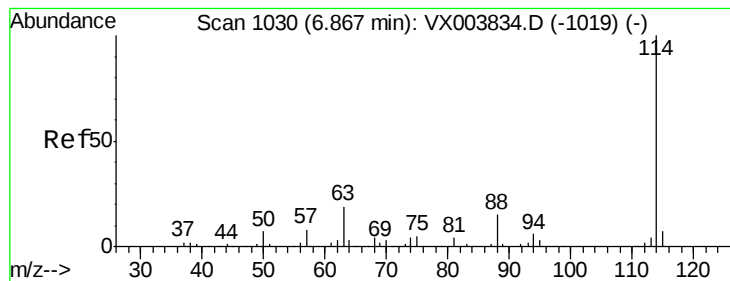
67 54.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

FL-0523

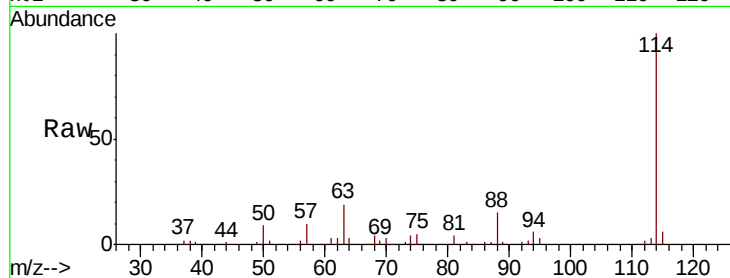
Tot Ion:114 Resp: 122453

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.2

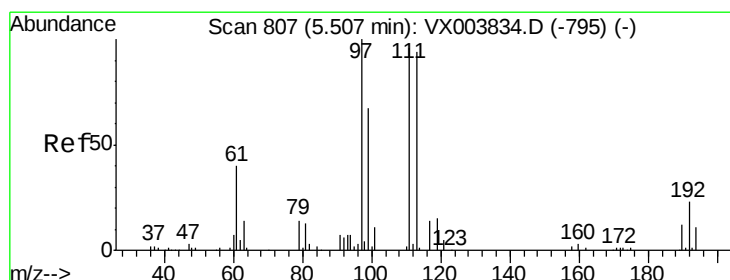
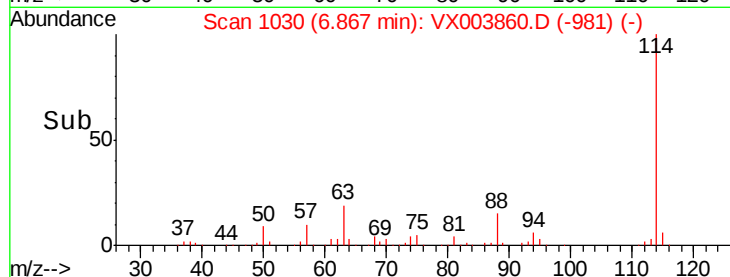
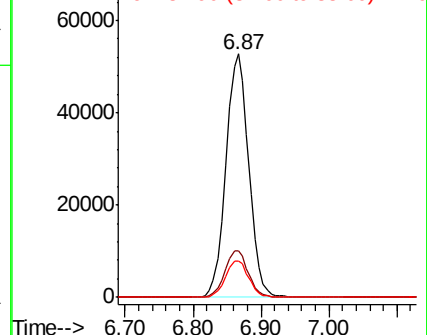
88 14.8 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.22 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

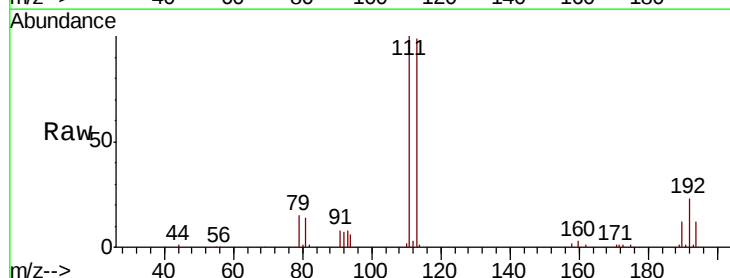
Tgt Ion:113 Resp: 45433

Ion Ratio Lower Upper

113 100

111 101.6 81.1 121.7

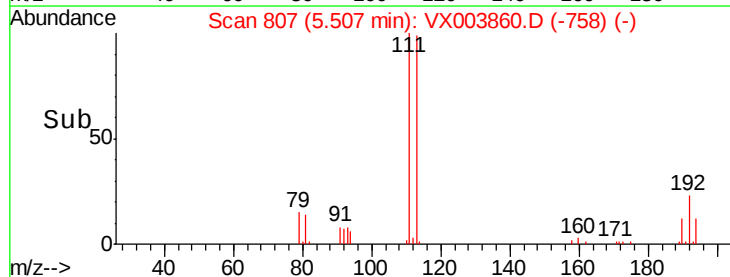
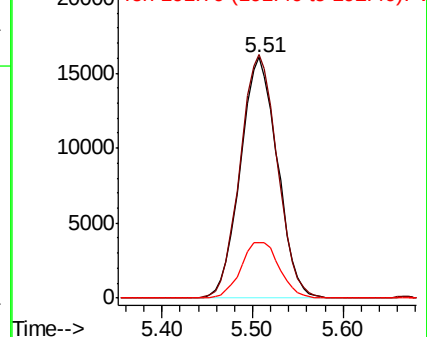
192 24.0 19.7 29.5

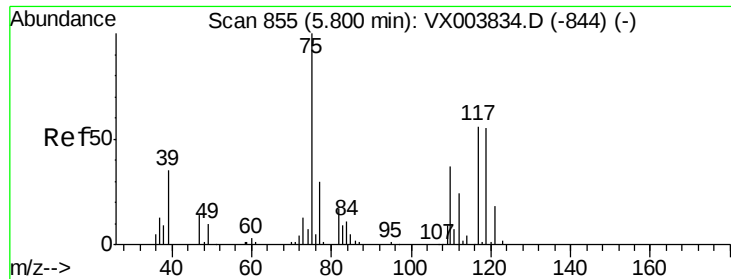


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

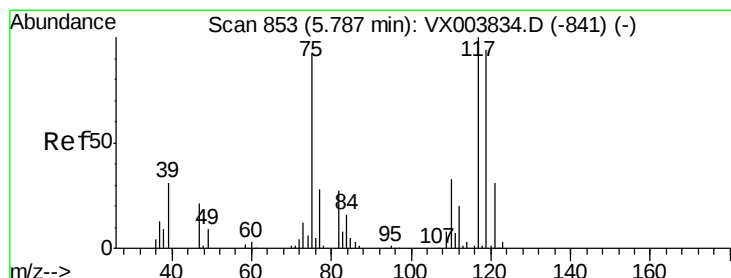
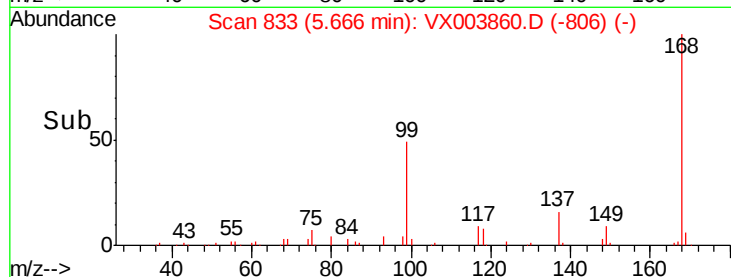
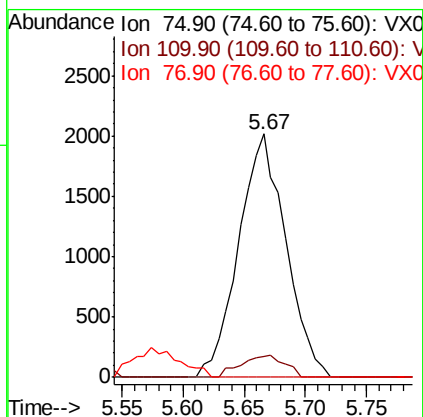
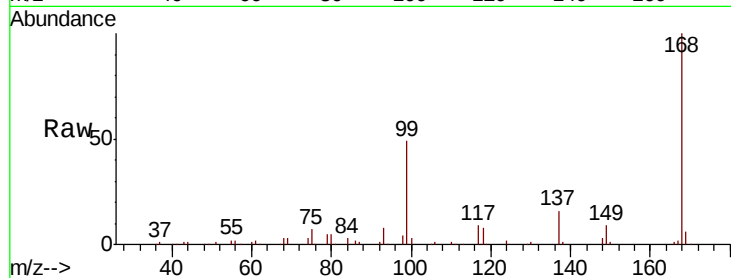




#36
 1,1-Dichloropropene
 Concen: 4.15 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003860.D
 Acq: 03 Aug 2018 20:28

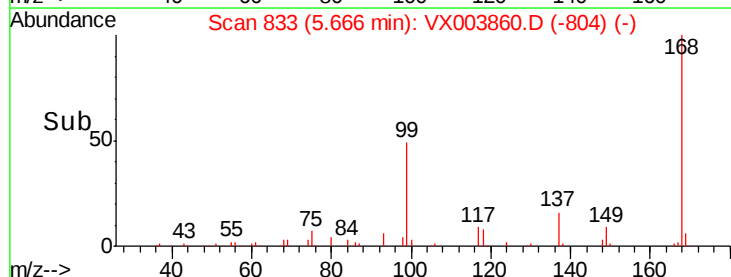
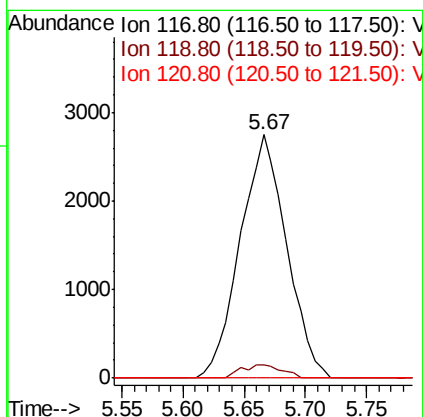
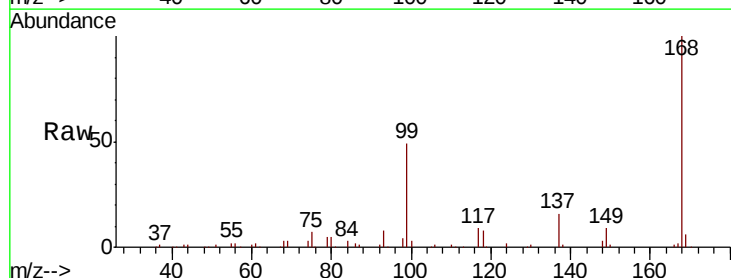
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0523

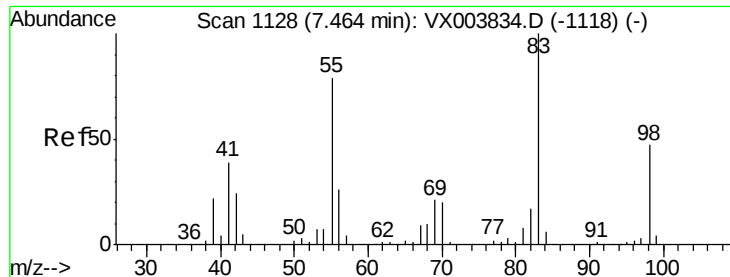
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.6	55.8#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.61 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX003860.D
 Acq: 03 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	74.6	112.0#
121	0.0	24.4	36.6#

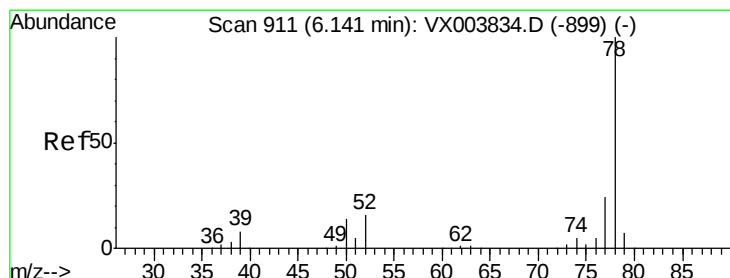
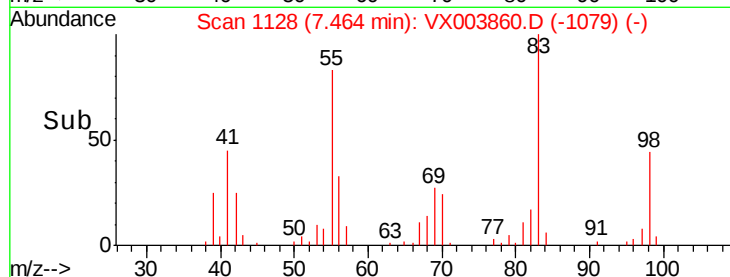
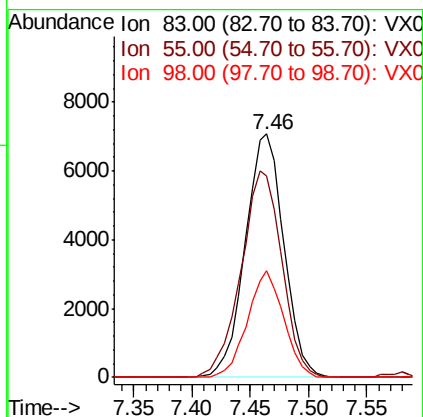
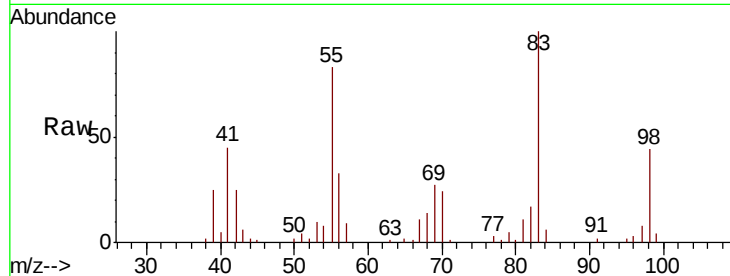




#39
Methvlcvclohexane
Concen: 11.37 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

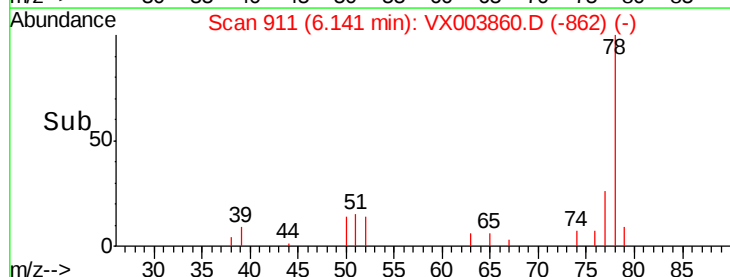
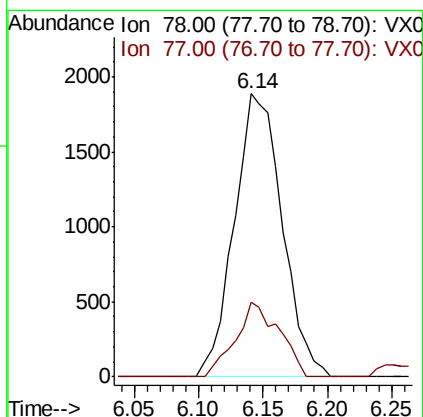
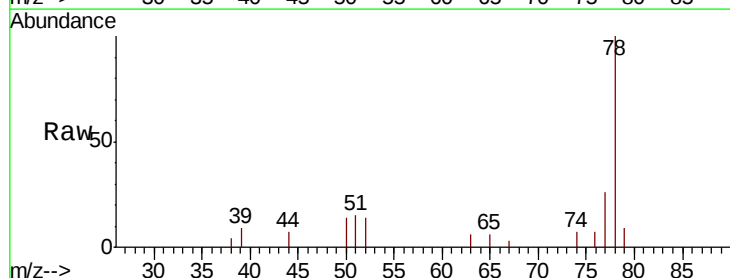
Instrument :
MSVOA_X
ClientSampleId :
FL-0523

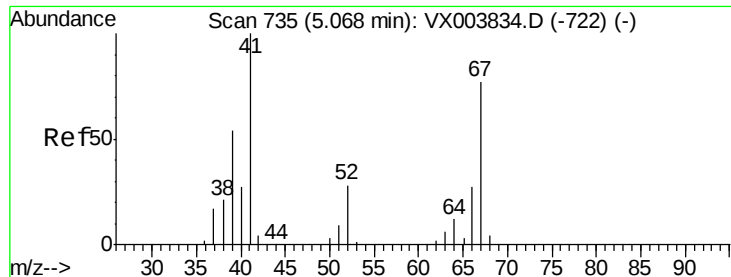
Tot Ion: 83 Resp: 16340
Ion Ratio Lower Upper
83 100
55 82.9 63.1 94.7
98 43.6 37.5 56.3



#40
Benzene
Concen: 1.19 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion: 78 Resp: 4862
Ion Ratio Lower Upper
78 100
77 26.4 18.9 28.3

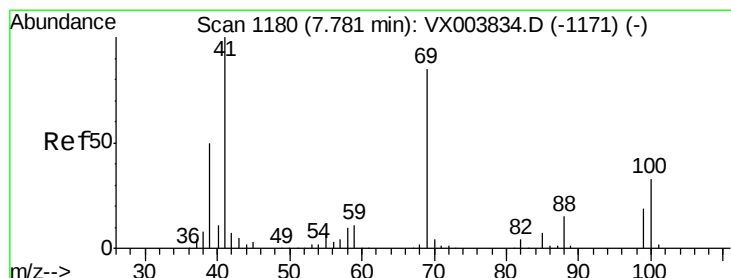
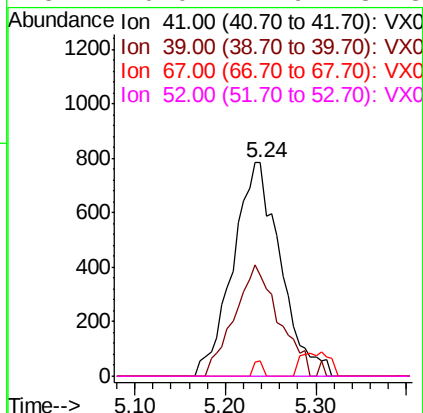
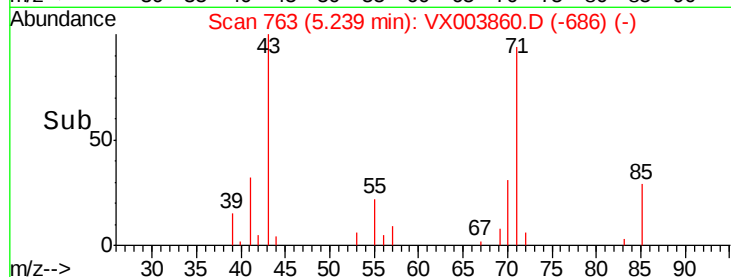
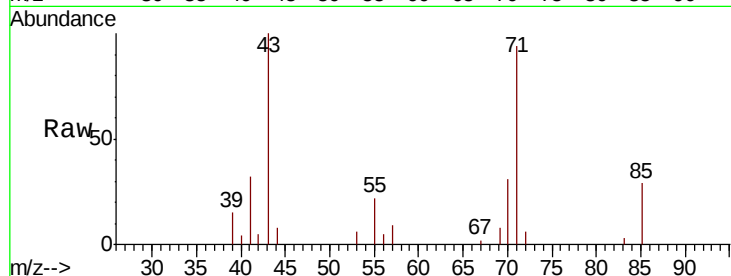




#41
Methacrylonitrile
Concen: 3.46 ug/l
RT: 5.24 min Scan# 763
Delta R.T. 0.17 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

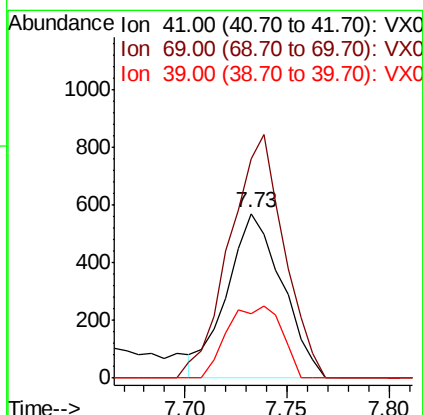
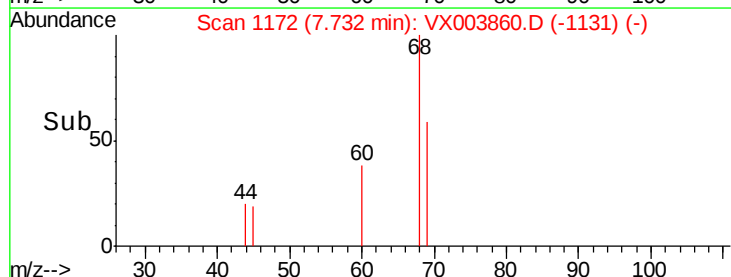
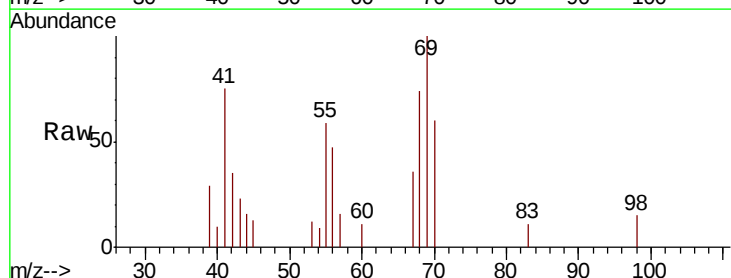
Instrument :
MSVOA_X
ClientSampleId :
FL-0523

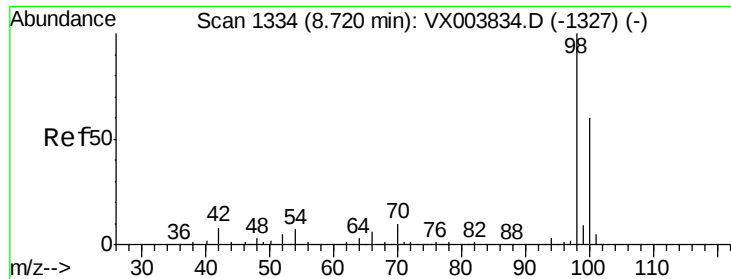
Tot Ion:	41	Resp:	2853
Ion	Ratio	Lower	Upper
41	100		
39	48.8	42.5	63.7
67	1.4	58.8	88.2#
52	0.0	22.9	34.3#



#48
Methyl methacrylate
Concen: 0.93 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion:	41	Resp:	1072
Ion	Ratio	Lower	Upper
41	100		
69	146.1	70.2	105.4#
39	43.2	40.9	61.3

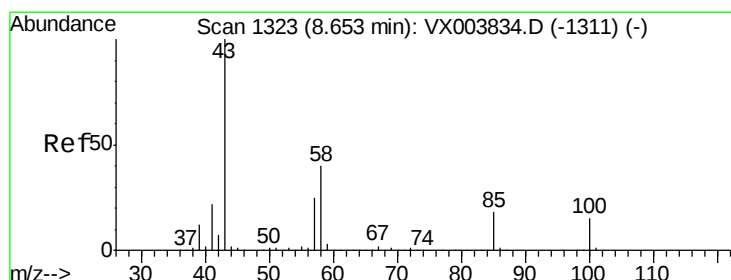
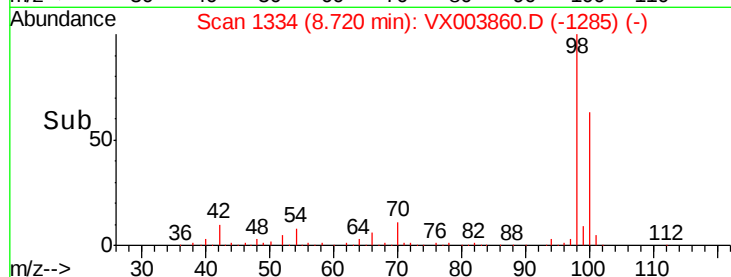
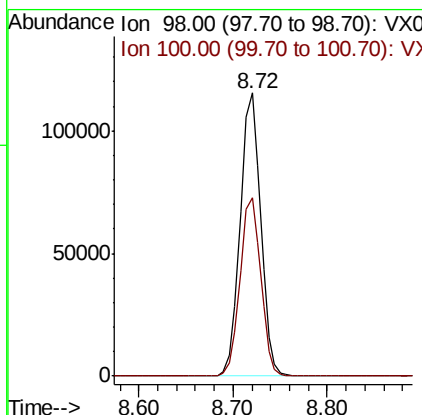
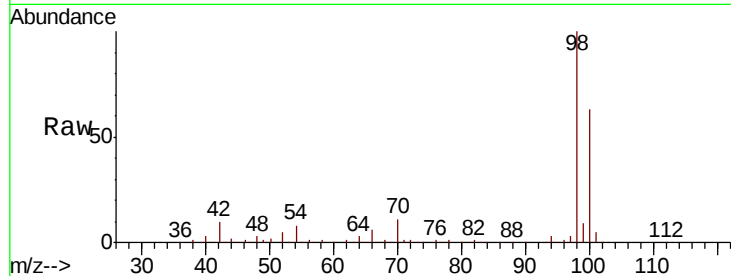




#50
Toluene-d8
Concen: 47.67 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

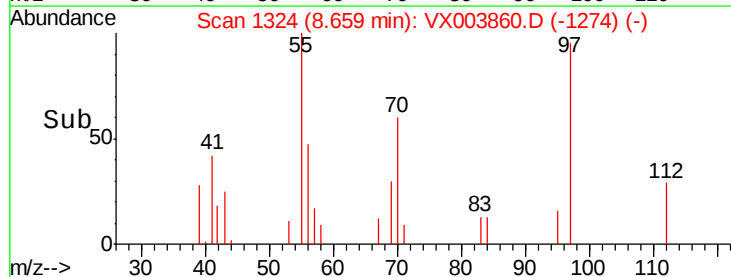
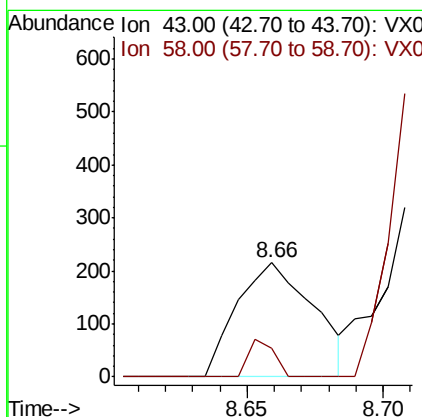
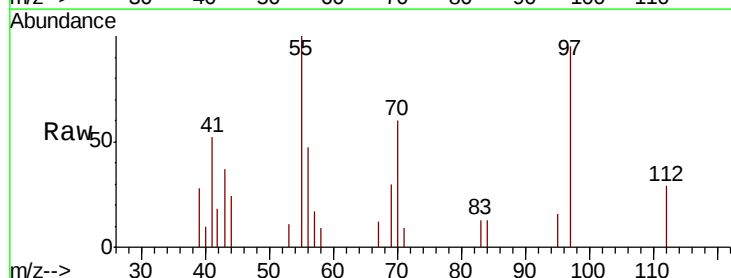
Instrument :
MSVOA_X
ClientSampled :
FL-0523

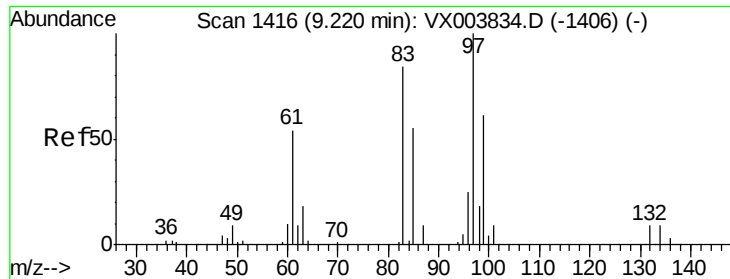
Tot Ion: 98 Resp: 175745
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.2



#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
58 11.0 32.2 48.2#

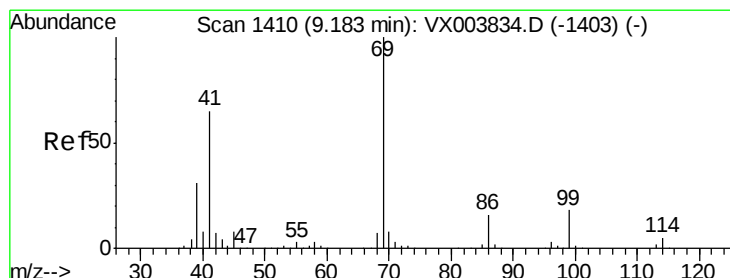
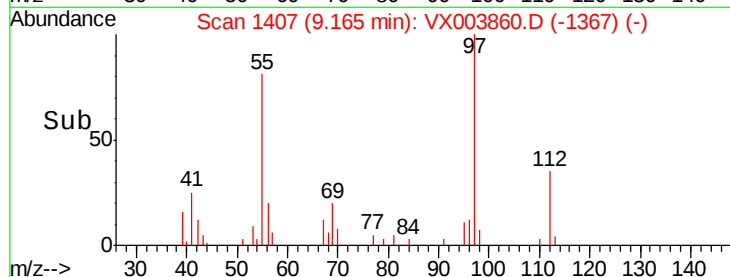
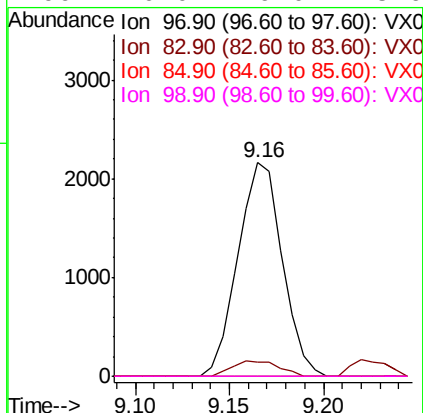
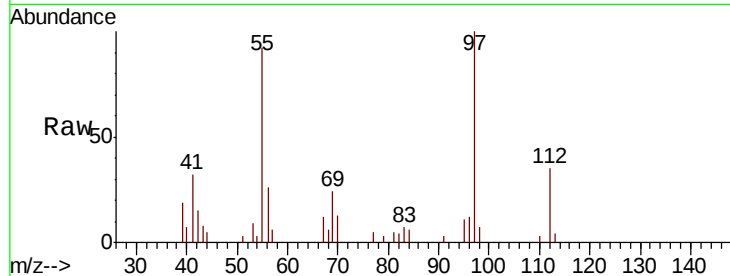




#55
 1,1,2-Trichloroethane
 Concen: 3.31 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX003860.D
 Acq: 03 Aug 2018 20:28

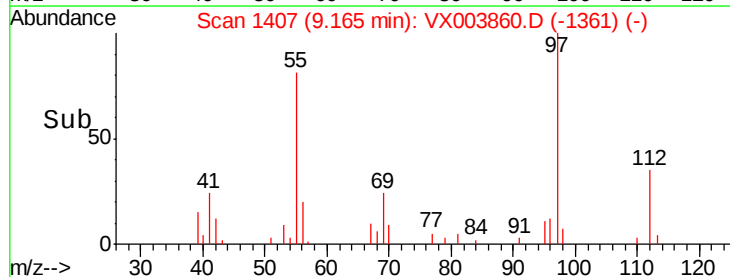
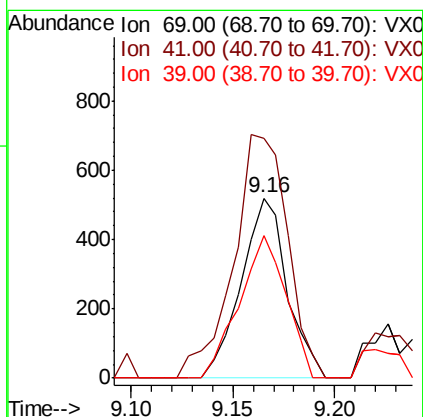
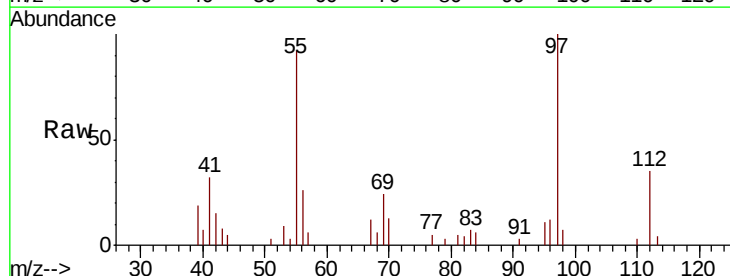
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0523

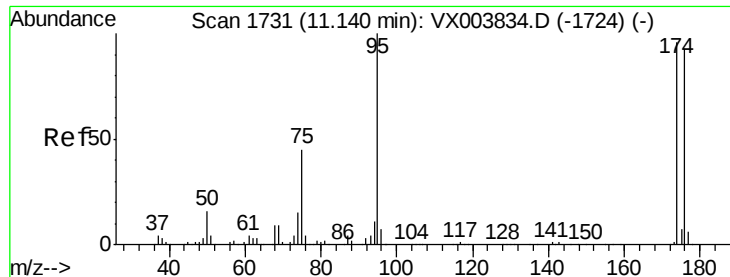
Tot Ion: 97 Resp: 3521
 Ion Ratio Lower Upper
 97 100
 83 6.7 67.4 101.2#
 85 0.0 43.9 65.9#
 99 0.0 49.0 73.6#



#56
 Ethyl methacrylate
 Concen: 0.55 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX003860.D
 Acq: 03 Aug 2018 20:28

Tgt Ion: 69 Resp: 814
 Ion Ratio Lower Upper
 69 100
 41 159.1 51.1 76.7#
 39 80.7 24.7 37.1#





#62

4-Bromofluorobenzene

Concen: 47.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

FL-0523

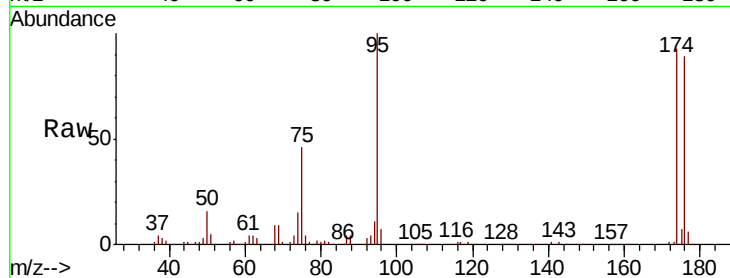
Tot Ion: 95 Resp: 63919

Ion Ratio Lower Upper

95 100

174 93.5 0.0 192.2

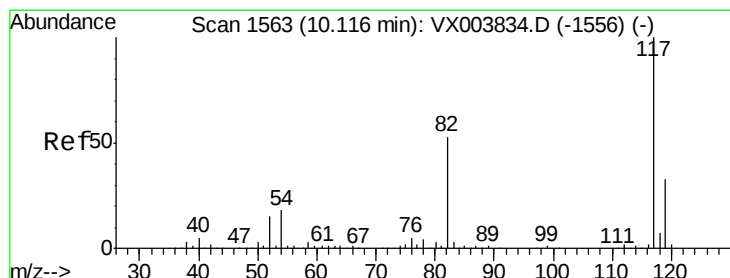
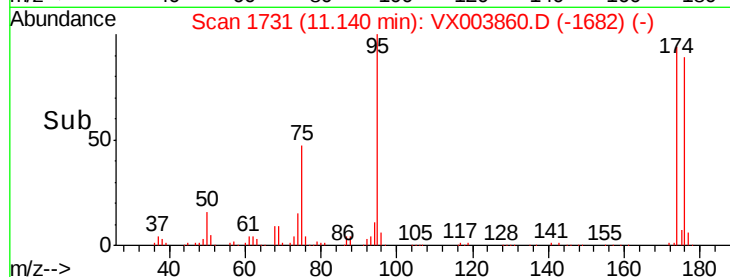
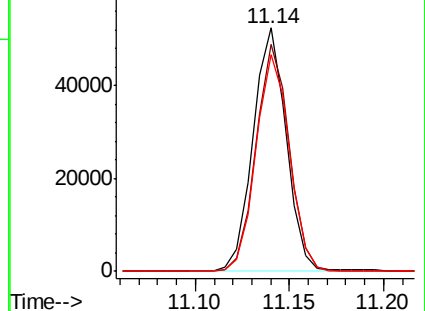
176 90.1 0.0 185.8



Abundance Ion 94.90 (94.60 to 95.60): VX003834.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003834.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003834.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

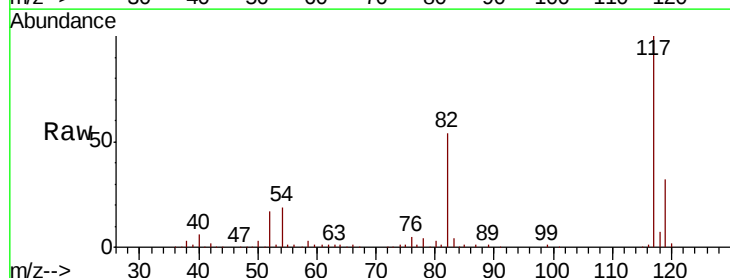
Tgt Ion: 117 Resp: 116168

Ion Ratio Lower Upper

117 100

82 53.5 42.2 63.4

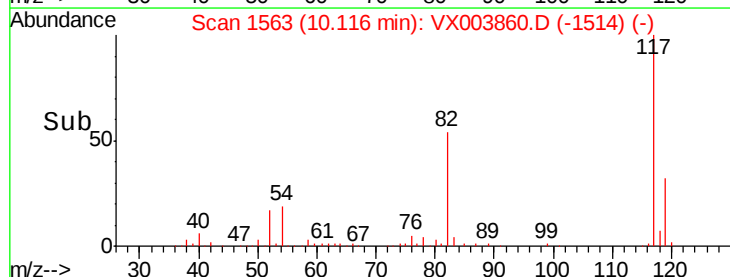
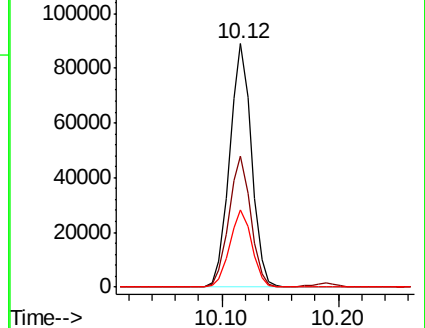
119 31.9 26.2 39.2

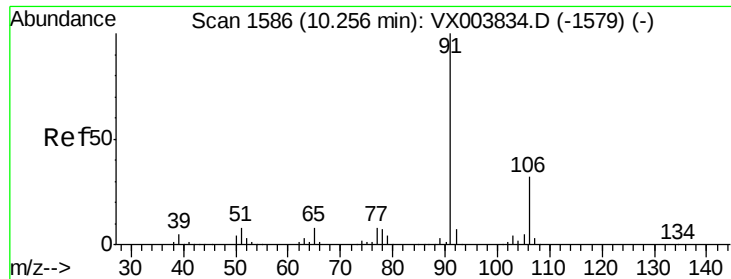


Abundance Ion 116.90 (116.60 to 117.60): VX003834.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003834.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003834.D (-1556) (-)

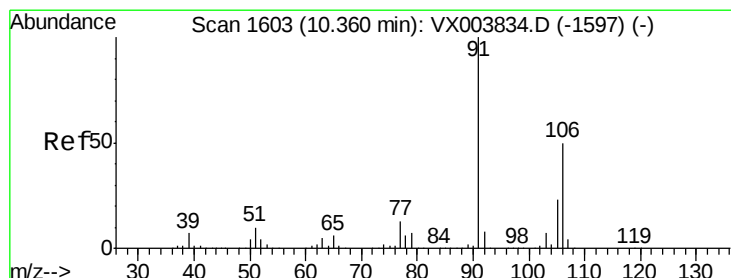
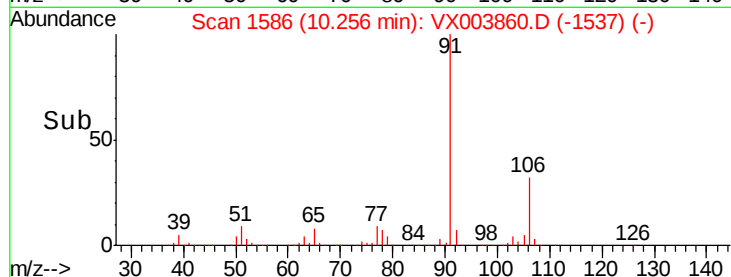
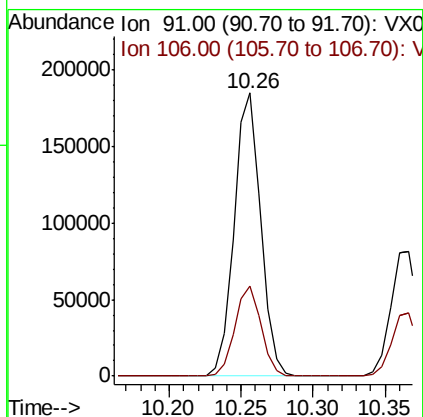
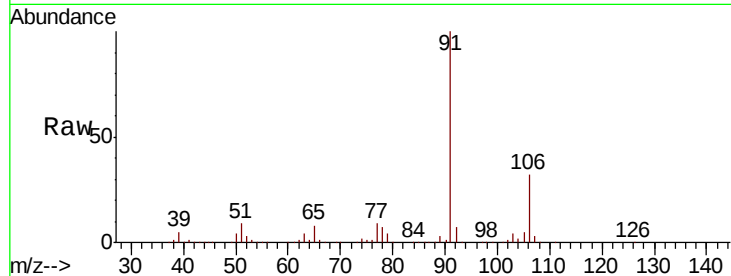




#67
Ethyl Benzene
Concen: 51.96 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

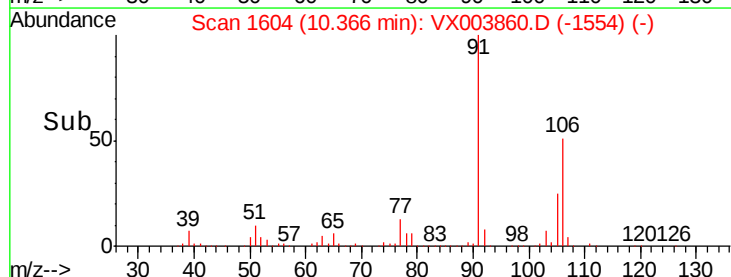
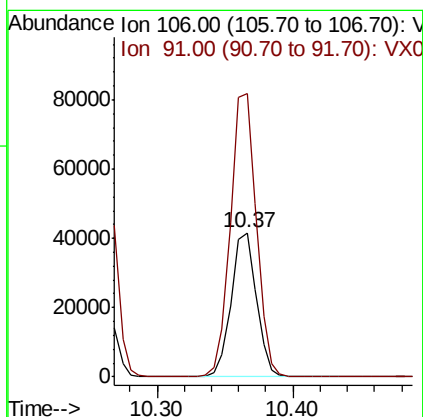
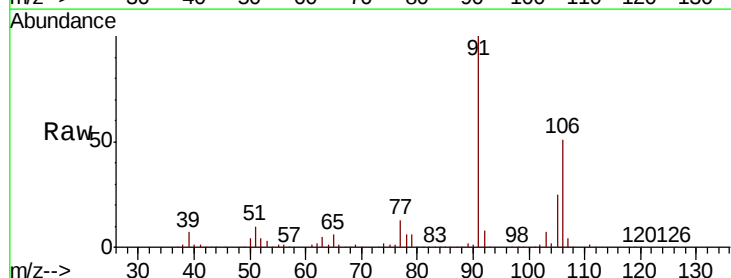
Instrument :
MSVOA_X
ClientSampleId :
FL-0523

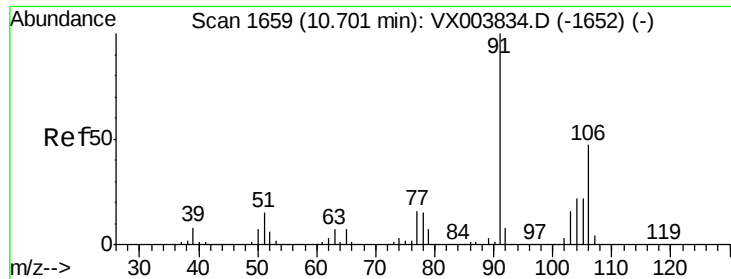
Tot Ion: 91 Resp: 237861
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5



#68
m/p-Xylenes
Concen: 30.10 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion: 106 Resp: 53856
Ion Ratio Lower Upper
106 100
91 201.1 161.3 241.9

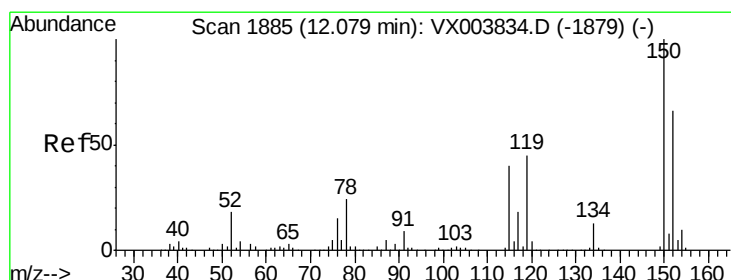
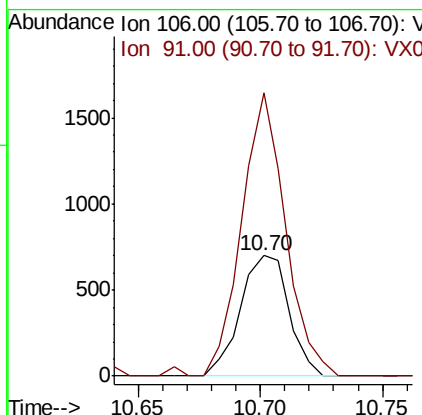
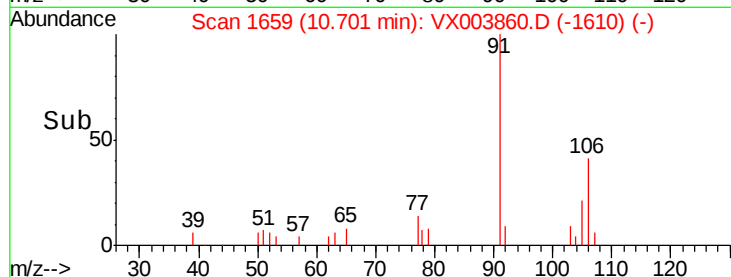
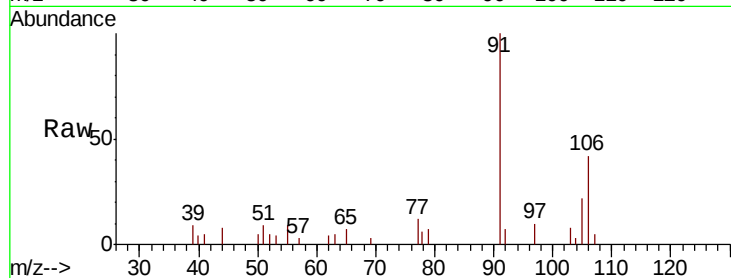




#69
o-Xylene
Concen: 0.56 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

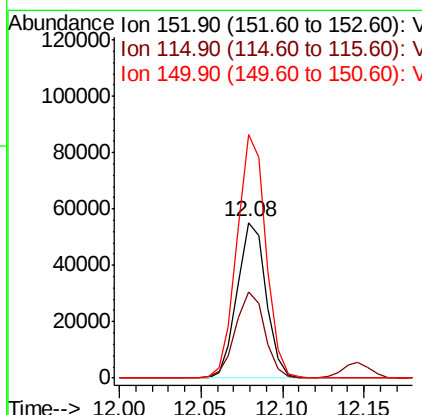
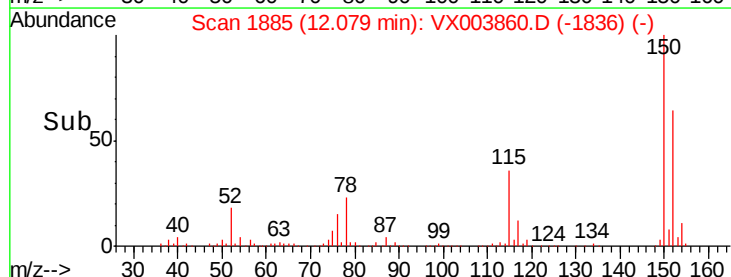
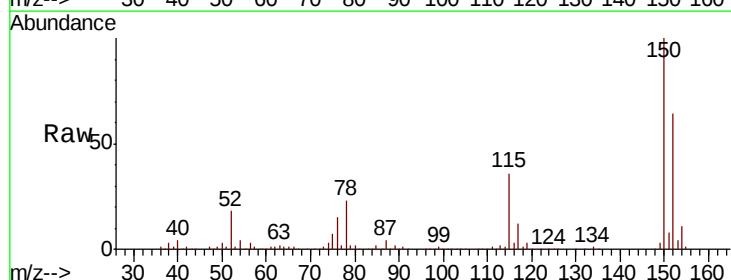
Instrument :
MSVOA_X
ClientSampleID :
FL-0523

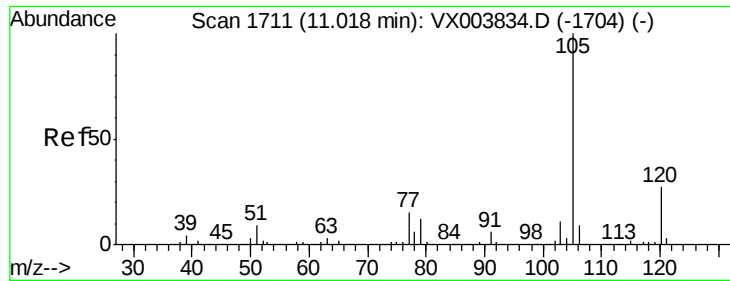
Tot Ion:106 Resp: 964
Ion Ratio Lower Upper
106 100
91 213.7 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion:152 Resp: 68207
Ion Ratio Lower Upper
152 100
115 56.1 37.4 112.1
150 156.1 0.0 346.6





#73

Isopropylbenzene

Concen: 13.51 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampled :

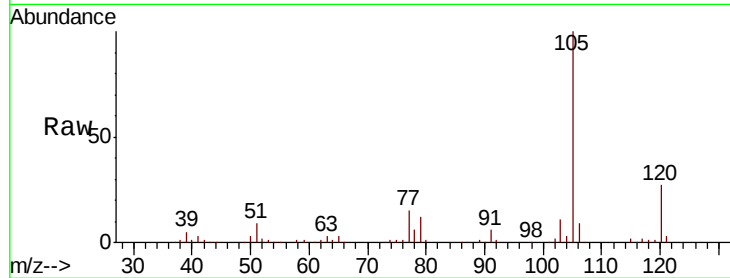
FL-0523

Tot Ion:105 Resp: 59081

Ion Ratio Lower Upper

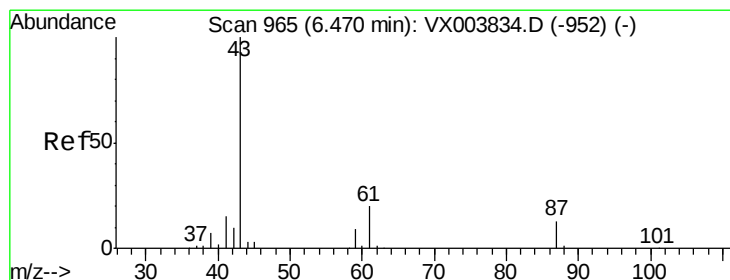
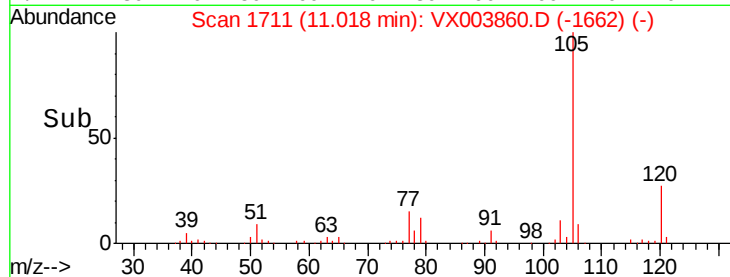
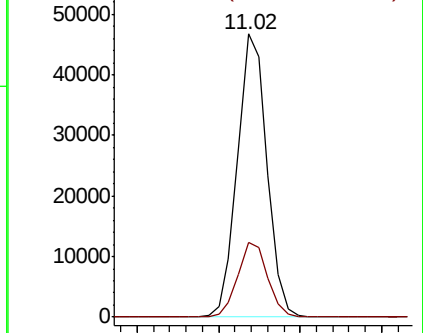
105 100

120 26.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.20 ug/l

RT: 6.45 min Scan# 961

Delta R.T. -0.02 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Tgt Ion: 43 Resp: 444

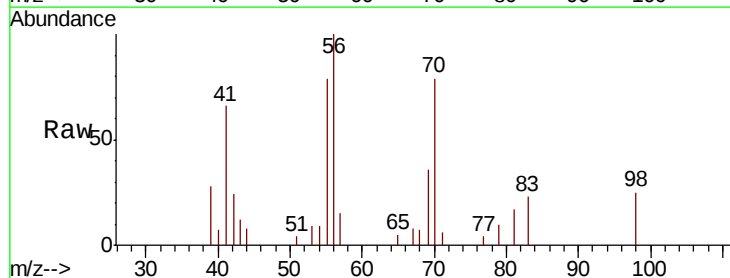
Ion Ratio Lower Upper

43 100

70 715.5 0.0 0.0#

55 765.8 0.0 0.0#

61 0.0 16.7 25.1#

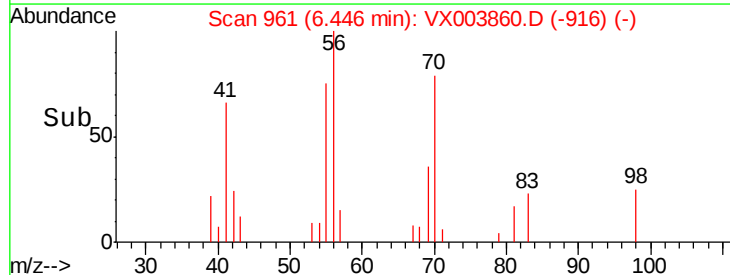
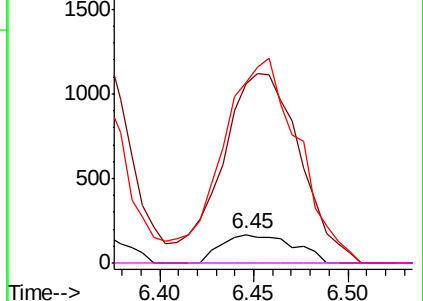


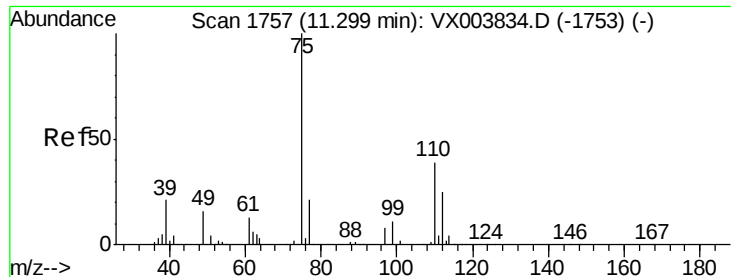
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

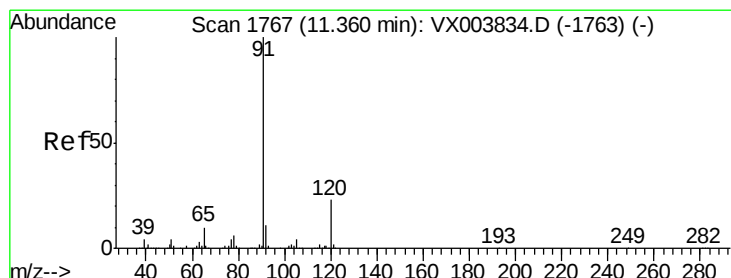
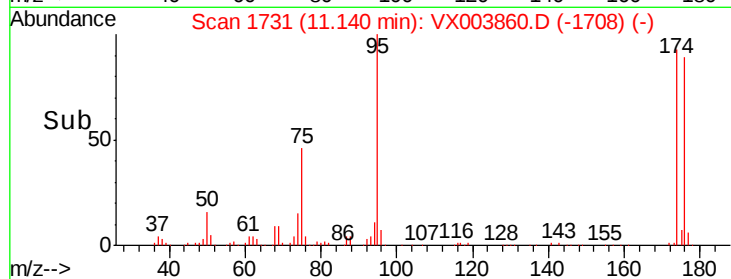
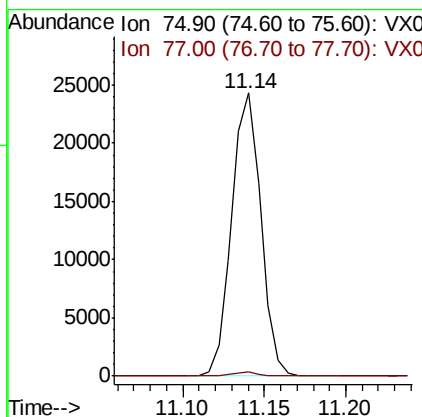
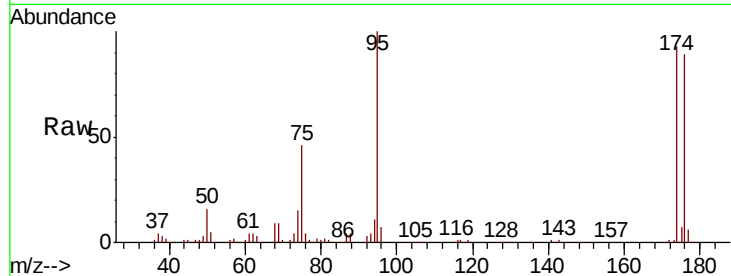




#76
 1,2,3-Trichloropropane
 Concen: 22.05 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX003860.D
 Acq: 03 Aug 2018 20:28

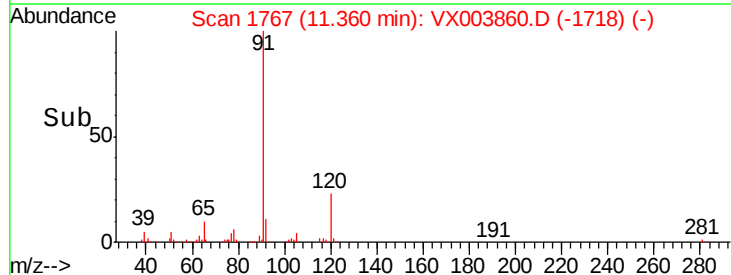
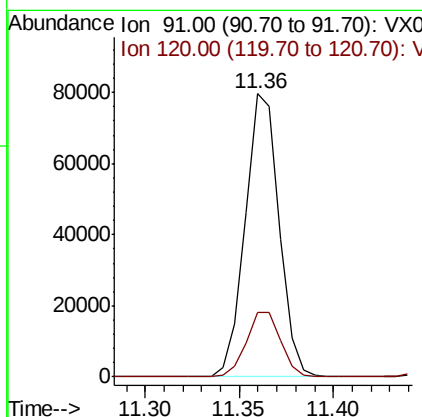
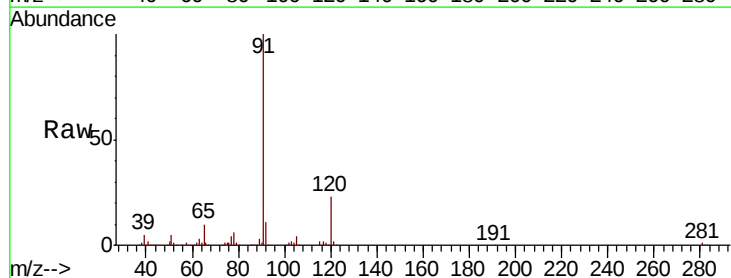
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0523

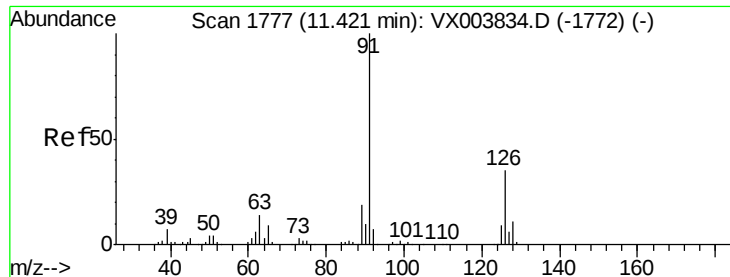
Tot Ion: 75 Resp: 30324
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.1 63.3#



#78
 n-propylbenzene
 Concen: 20.14 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: VX003860.D
 Acq: 03 Aug 2018 20:28

Tgt Ion: 91 Resp: 99648
 Ion Ratio Lower Upper
 91 100
 120 23.3 12.1 36.3





#79

2-Chlorotoluene

Concen: 1.66 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.04 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

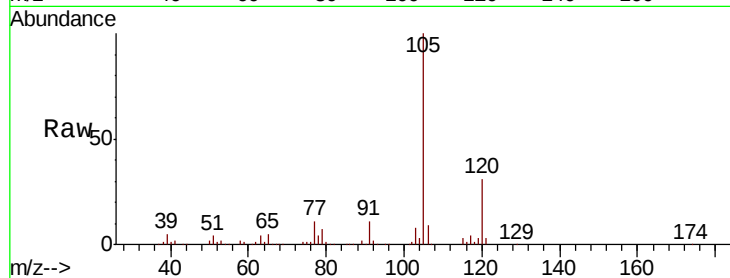
FL-0523

Tot Ion: 91 Resp: 5068

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

5000

4000

3000

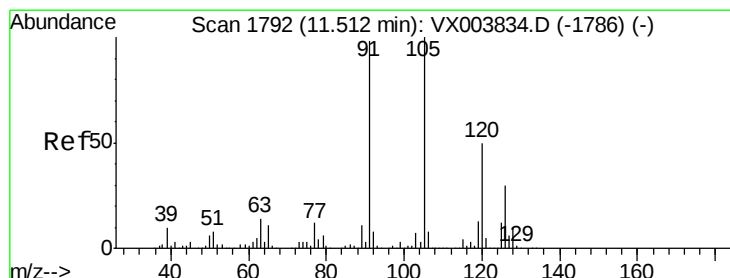
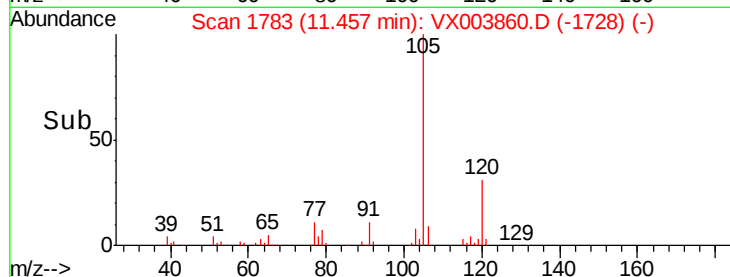
2000

1000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 12.66 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. -0.05 min

Lab File: VX003860.D

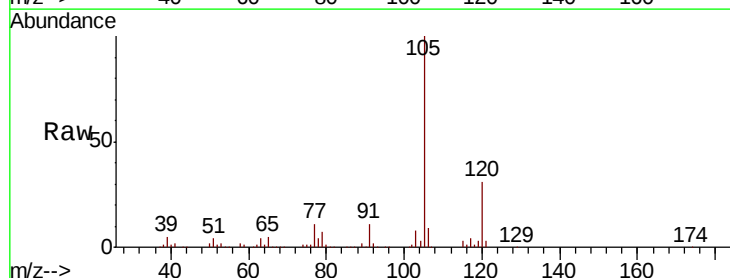
Acq: 03 Aug 2018 20:28

Tgt Ion:105 Resp: 46459

Ion Ratio Lower Upper

105 100

120 30.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

40000

30000

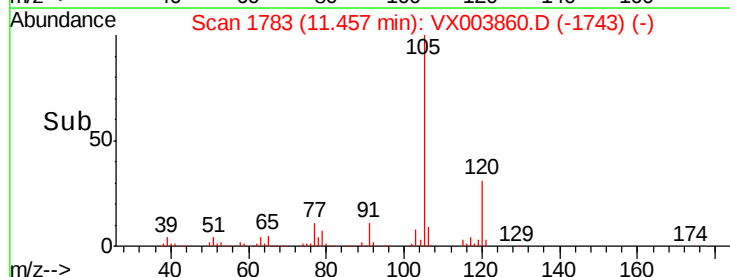
20000

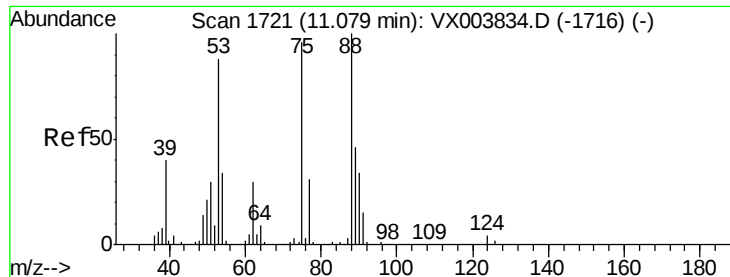
10000

0

11.40 11.45 11.50

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 69.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

FL-0523

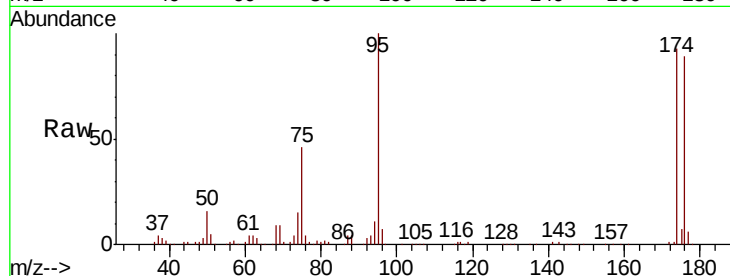
Tot Ion: 75 Resp: 30324

Ion Ratio Lower Upper

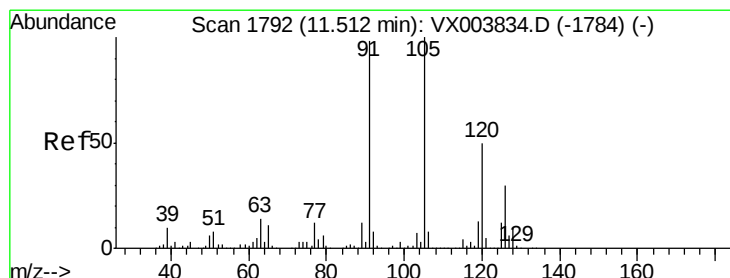
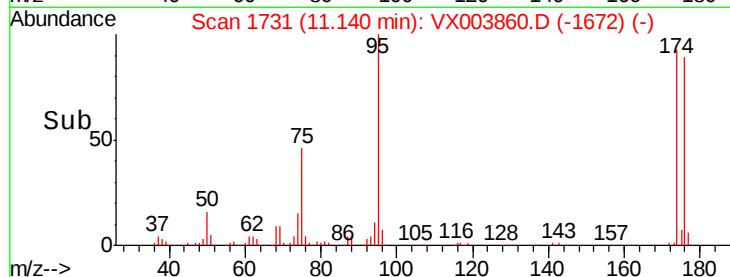
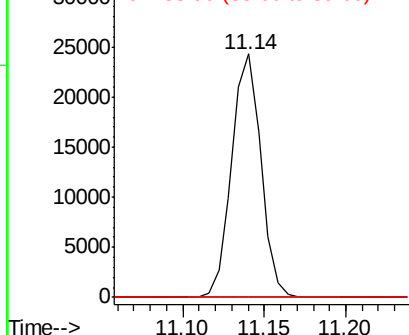
75 100

53 0.0 74.9 112.3#

89 0.0 36.6 54.8#



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: 1.43 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. -0.05 min

Lab File: VX003860.D

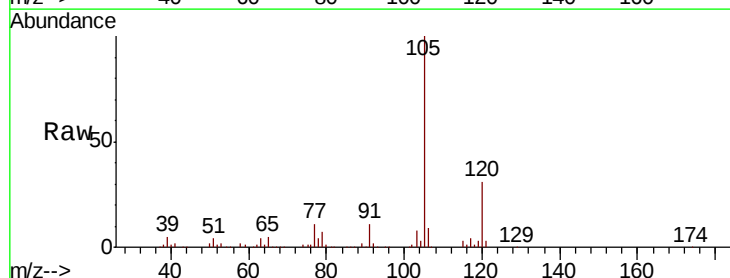
Acq: 03 Aug 2018 20:28

Tgt Ion: 91 Resp: 5068

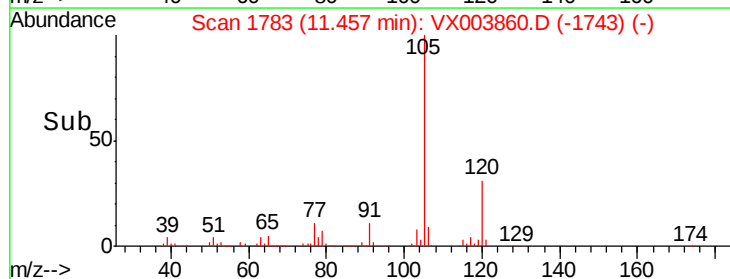
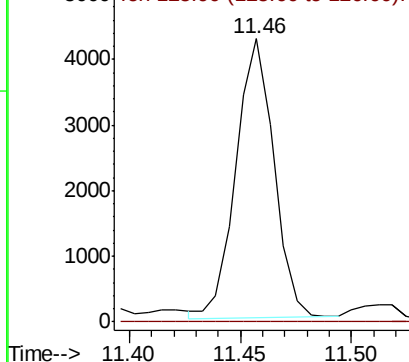
Ion Ratio Lower Upper

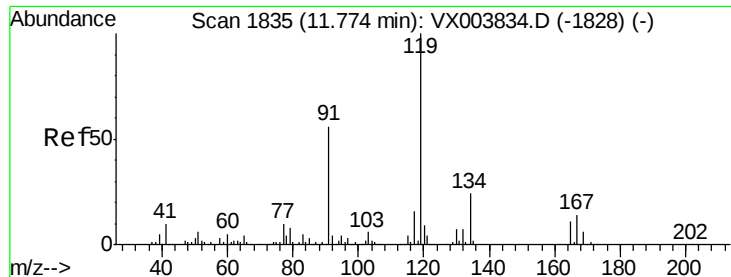
91 100

126 0.0 16.0 47.9#



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

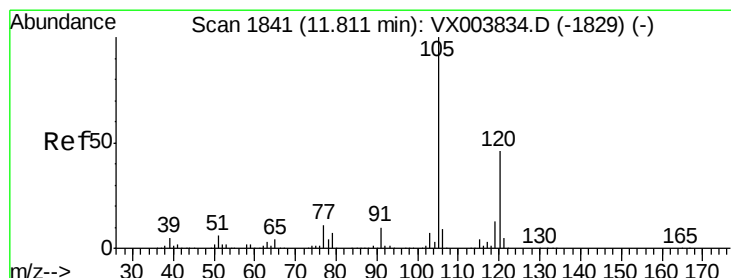
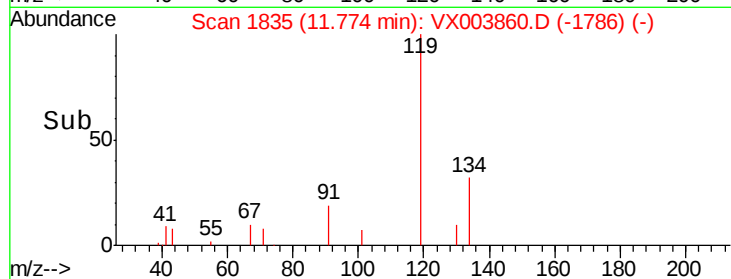
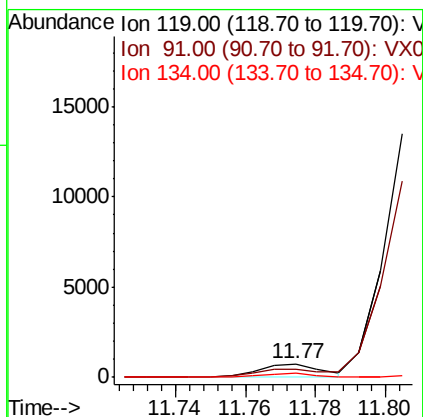
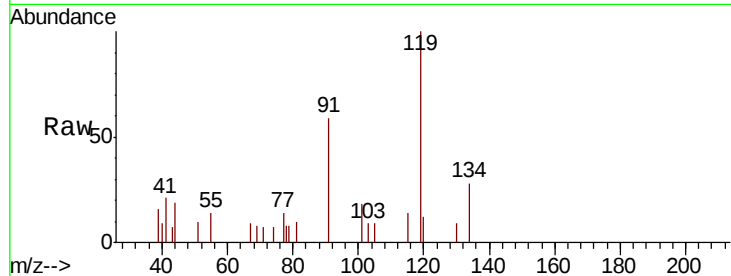




#83
tert-Butylbenzene
Concen: 0.25 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

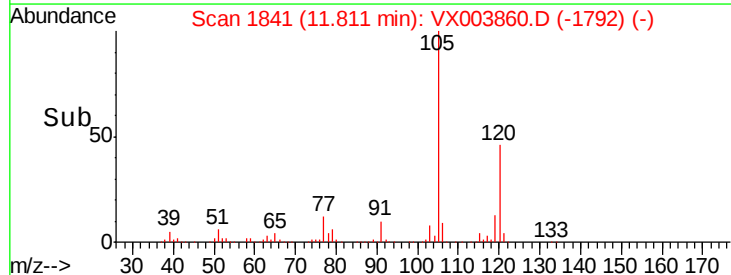
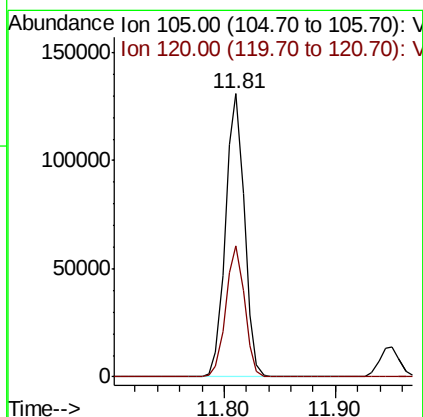
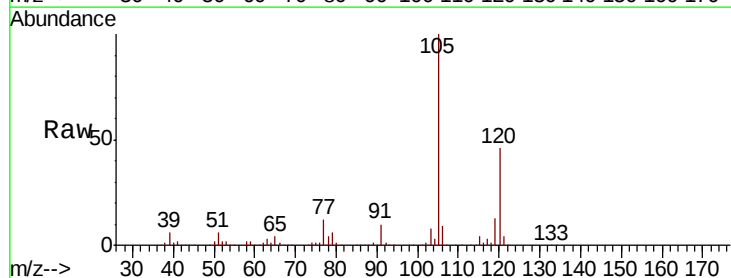
Instrument :
MSVOA_X
ClientSampleId :
FL-0523

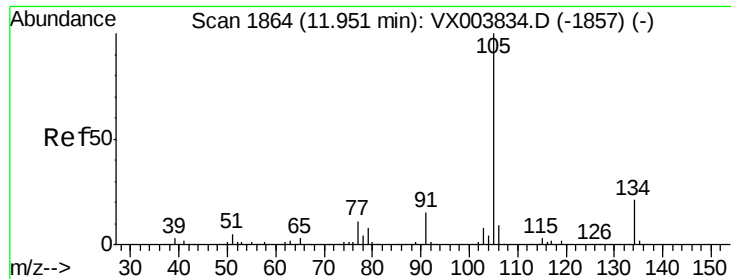
Tot Ion:119 Resp: 934
Ion Ratio Lower Upper
119 100
91 0.0 26.6 79.7#
134 21.5 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 40.48 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion:105 Resp: 153667
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.5

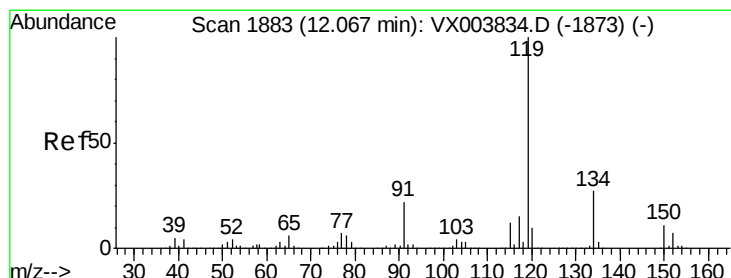
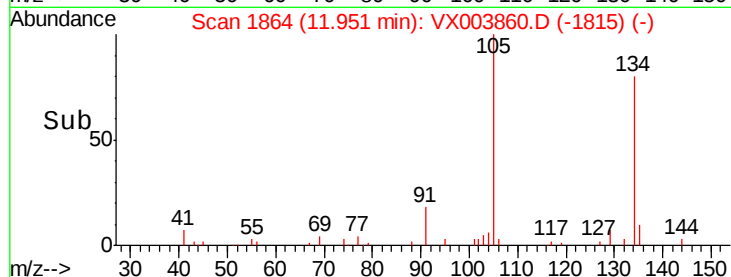
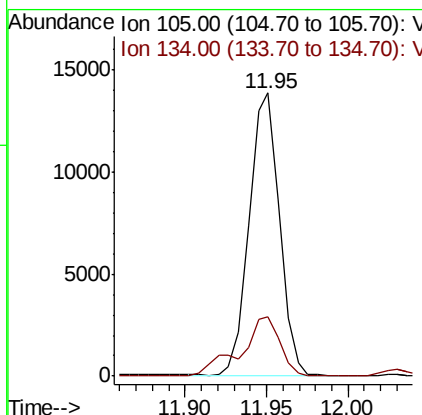
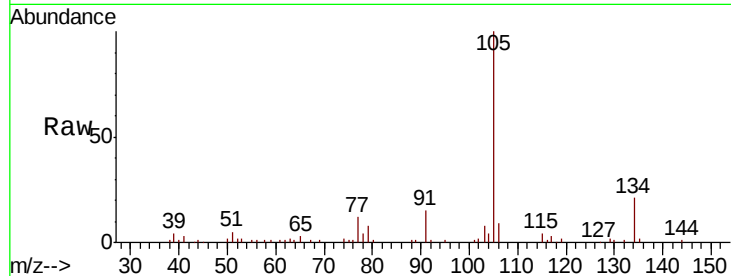




#85
 sec-Butylbenzene
 Concen: 4.23 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003860.D
 Acq: 03 Aug 2018 20:28

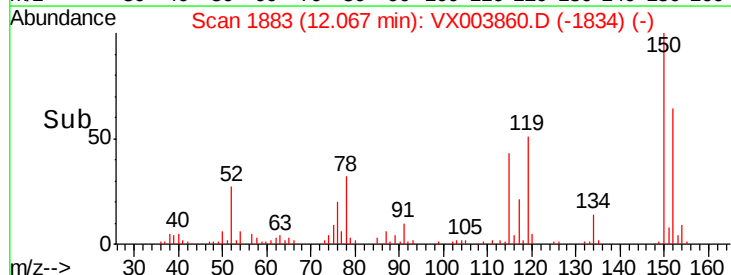
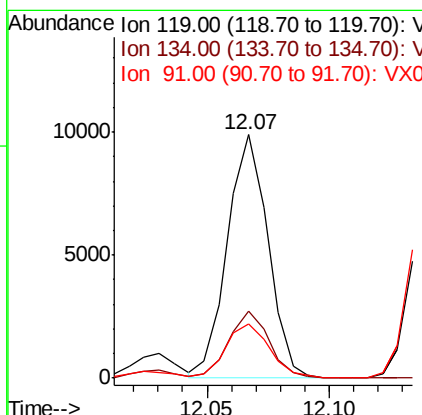
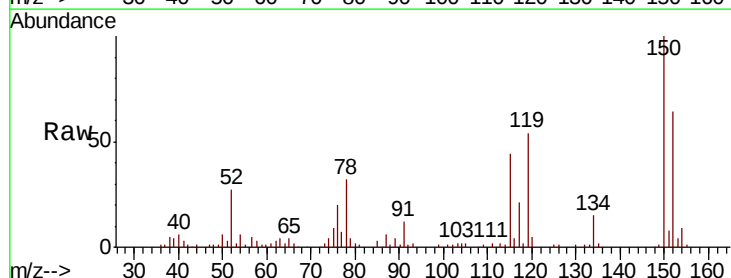
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0523

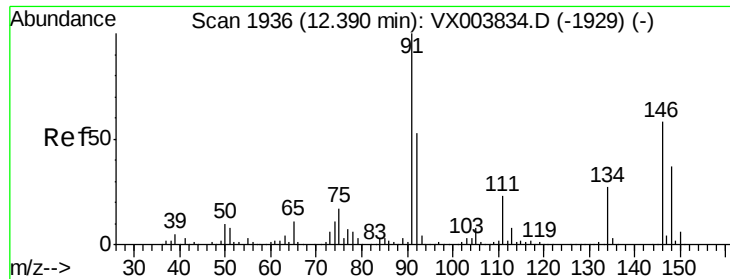
Tot Ion:105 Resp: 18048
 Ion Ratio Lower Upper
 105 100
 134 27.1 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 2.96 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003860.D
 Acq: 03 Aug 2018 20:28

Tgt Ion:119 Resp: 11437
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.4 40.2
 91 24.3 11.1 33.1

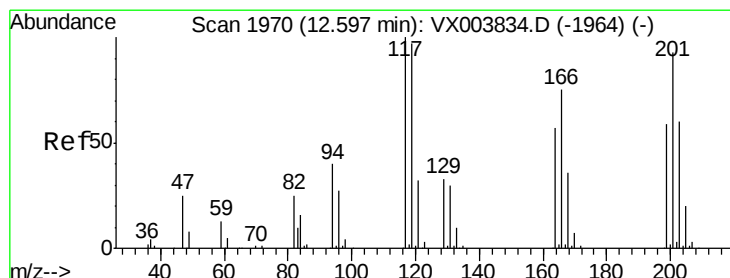
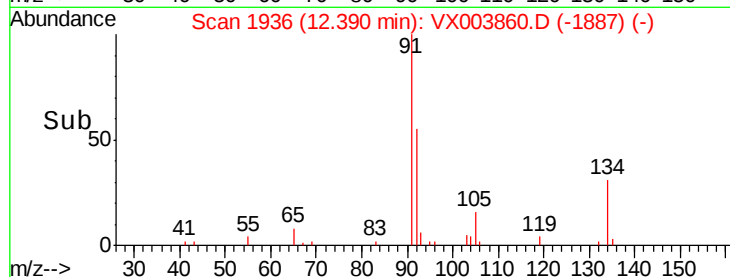
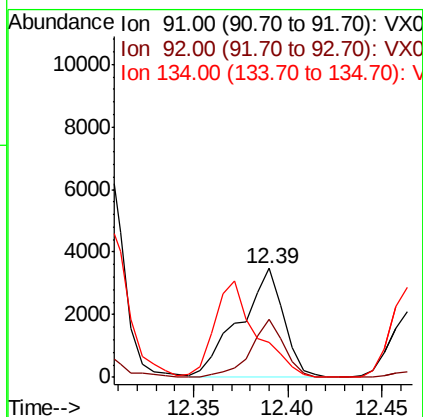
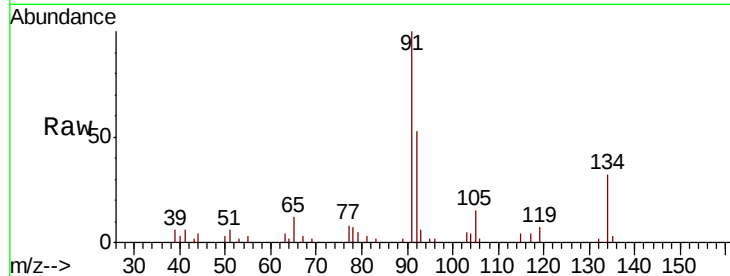




#89
n-Butylbenzene
Concen: 1.71 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

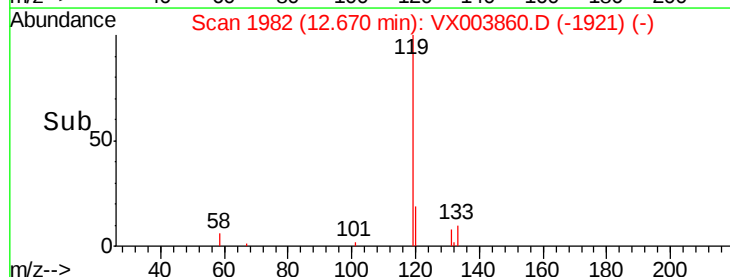
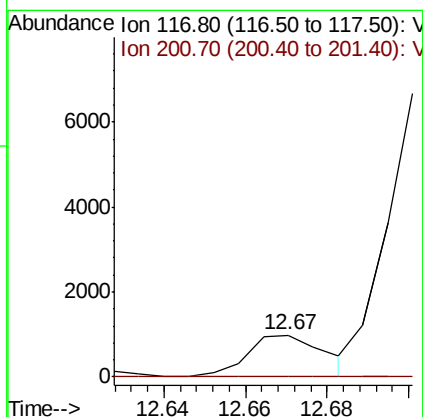
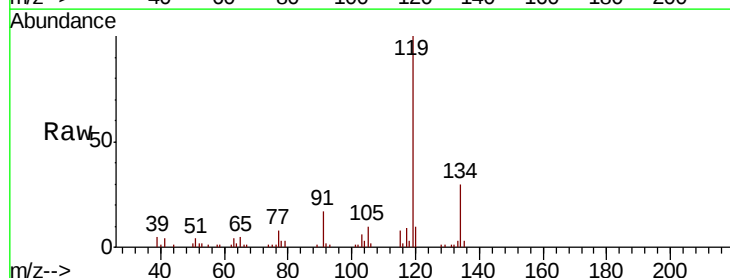
Instrument :
MSVOA_X
ClientSampled :
FL-0523

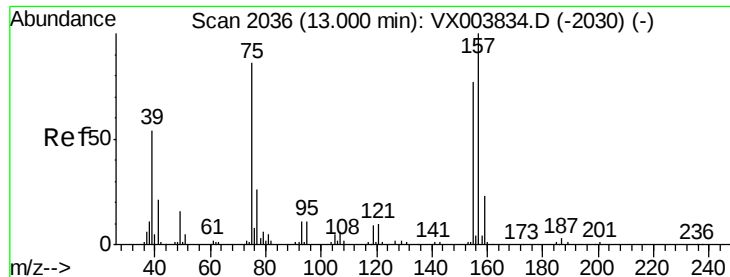
Tot Ion: 91 Resp: 5666
Ion Ratio Lower Upper
91 100
92 40.2 26.3 78.9
134 83.5 13.7 41.0#



#90
Hexachloroethane
Concen: 2.07 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion: 117 Resp: 1294
Ion Ratio Lower Upper
117 100
201 0.0 49.9 149.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.43 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampled :

FL-0523

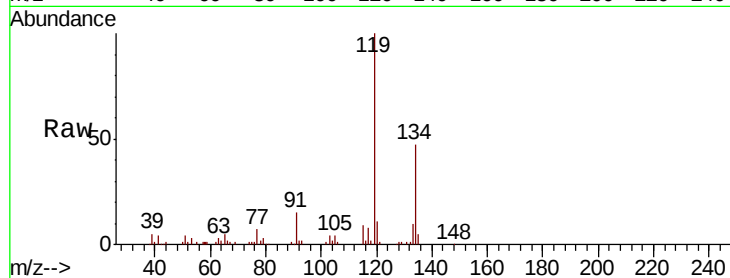
Tot Ion: 75 Resp: 152

Ion Ratio Lower Upper

75 100

155 0.0 49.5 148.3#

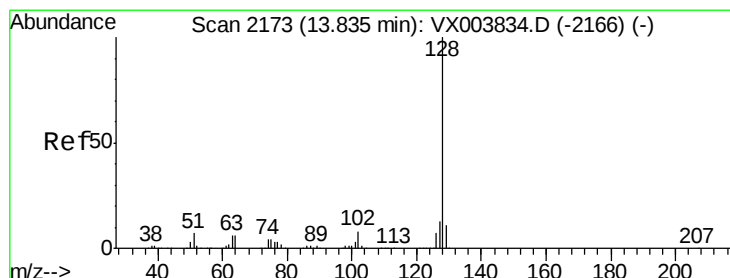
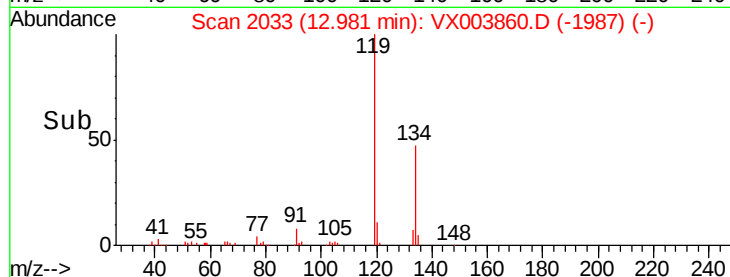
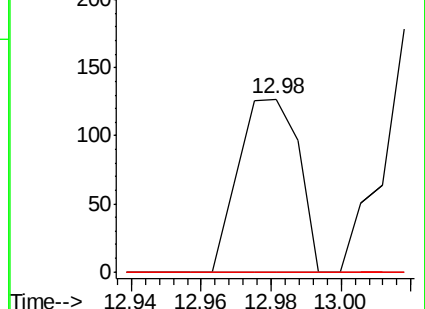
157 0.0 64.5 193.5#



Abundance Ion 74.90 (74.60 to 75.60): VX003834.D (-2030) (-)

Ion 154.80 (154.50 to 155.50): VX003834.D (-2030) (-)

Ion 156.80 (156.50 to 157.50): VX003834.D (-2030) (-)



#95

Naphthalene

Concen: 11.47 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

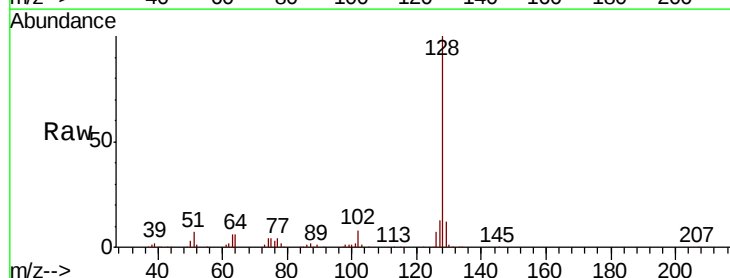
Tgt Ion:128 Resp: 56111

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VX003834.D (-2166) (-)

Ion 127.00 (126.70 to 127.70): VX003834.D (-2166) (-)

Ion 129.00 (128.70 to 129.70): VX003834.D (-2166) (-)

