

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003892.D
 Acq On : 07 Aug 2018 20:32
 Operator : JC/MD
 Sample : J4344-13 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0532DL

Quant Time: Aug 08 01:26:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	479374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	458641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247926	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	207515	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	5.51	113	174878	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	8.72	98	687208	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.14	95	249510	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	572	Below Cal		98
6) Chloroethane	1.70	64	9487	3.43	ug/l #	55
11) Tert butyl alcohol	3.07	59	601	0.60	ug/l #	73
13) Acrolein	2.31	56	91	Below Cal	#	41
15) Acrylonitrile	3.16	53	1832	0.77	ug/l #	45
16) Acetone	2.45	43	1953	0.79	ug/l	97
17) Carbon Disulfide	2.57	76	1100	0.55	ug/l #	88
18) Methyl Acetate	2.84	43	11166	2.07	ug/l #	52
20) Methylene Chloride	2.86	84	2167	Below Cal	#	85
31) Cyclohexane	5.57	56	60328	10.04	ug/l	98
36) 1,1-Dichloropropene	5.67	75	21363	3.98	ug/l #	49
38) Carbon Tetrachloride	5.67	117	27609	5.40	ug/l #	15
39) Methylcyclohexane	7.46	83	133161	21.04	ug/l	98
43) Isopropyl Acetate	6.46	43	2039	0.23	ug/l #	59
45) 1,2-Dichloropropane	7.48	63	1515	0.36	ug/l #	1
48) Methyl methacrylate	7.73	41	6115	1.35	ug/l #	52
51) 4-Methyl-2-Pentanone	8.67	43	1843	0.25	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	9537	2.29	ug/l #	19
67) Ethyl Benzene	10.26	91	70506	3.61	ug/l	100
68) m/p-Xylenes	10.36	106	66129	8.66	ug/l	96
73) Isopropylbenzene	11.02	105	109274	5.96	ug/l	98
74) N-amyl acetate	6.46	43	2039	0.21	ug/l #	54
76) 1,2,3-Trichloropropane	11.44	75	7759	1.42	ug/l #	1
78) n-propylbenzene	11.36	91	217955	10.58	ug/l	99
79) 2-Chlorotoluene	11.44	91	112554	8.96	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	396741	26.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	118872	58.65	ug/l #	9
82) 4-Chlorotoluene	11.51	91	40380	2.74	ug/l #	44
83) tert-Butylbenzene	11.77	119	5101	0.35	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.81	105	1271671	84.57	ug/l	99
85) sec-Butylbenzene	11.94	105	49815	2.87	ug/l	82
86) p-Isopropyltoluene	12.07	119	49832	3.20	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	642	Below Cal	#	1
89) n-Butylbenzene	12.38	91	47328	3.49	ug/l #	17

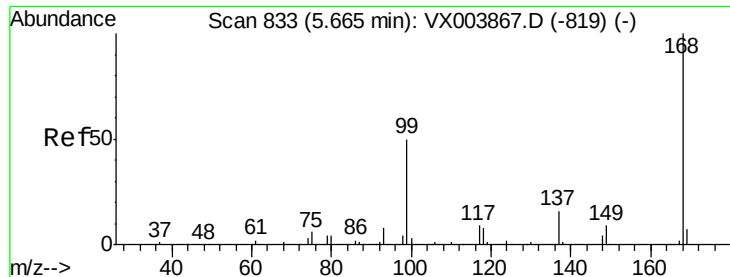
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003892.D
Acq On : 07 Aug 2018 20:32
Operator : JC/MD
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Quant Time: Aug 08 01:26:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.59	117	10538	4.17	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1060	0.82	ug/l #	1
94) Hexachlorobutadiene	13.79	225	270	0.53	ug/l	94
95) Naphthalene	13.83	128	127474	6.90	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

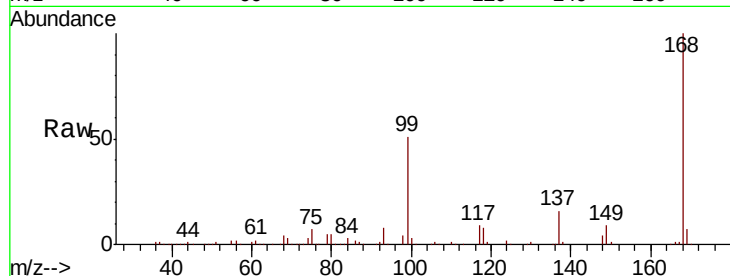
FL-0532DL

Tot Ion:168 Resp: 314537

Ion Ratio Lower Upper

168 100

99 51.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

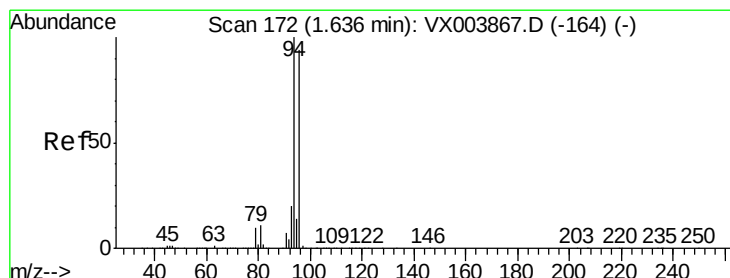
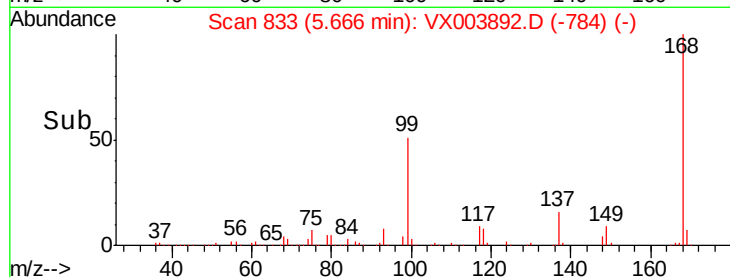
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003892.D

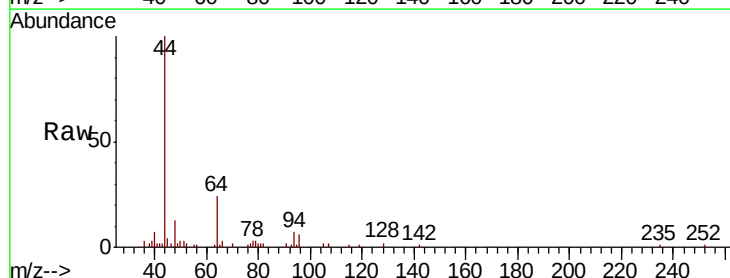
Acq: 07 Aug 2018 20:32

Tgt Ion: 94 Resp: 572

Ion Ratio Lower Upper

94 100

96 91.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

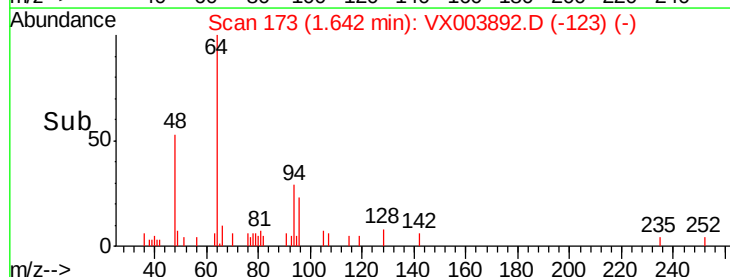
300

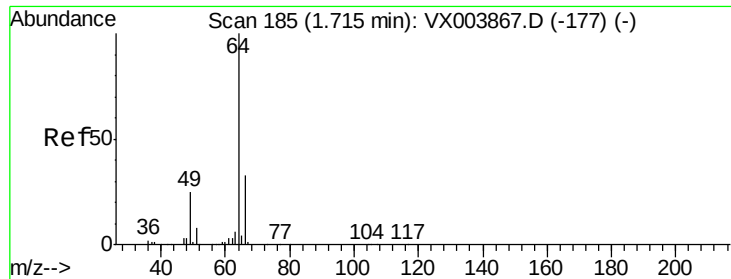
200

100

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 3.43 ug/l

RT: 1.70 min Scan# 182

Delta R.T. -0.02 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

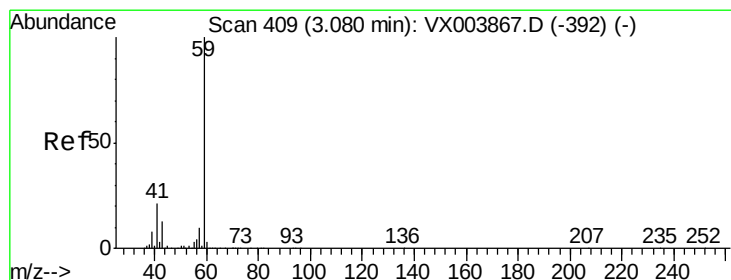
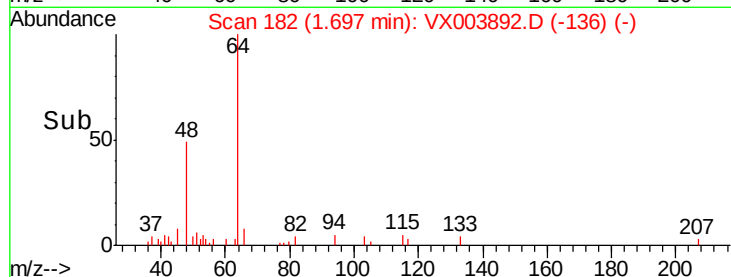
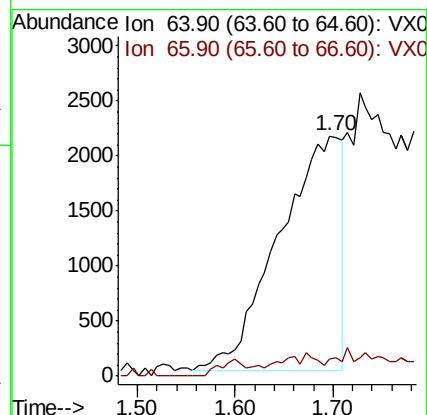
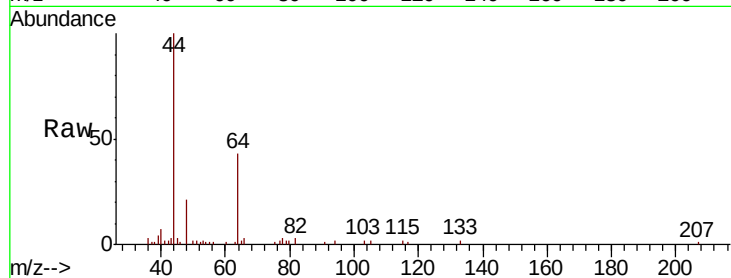
FL-0532DL

Tot Ion: 64 Resp: 9487

Ion Ratio Lower Upper

64 100

66 7.5 26.5 39.7#



#11

Tert butyl alcohol

Concen: 0.60 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX003892.D

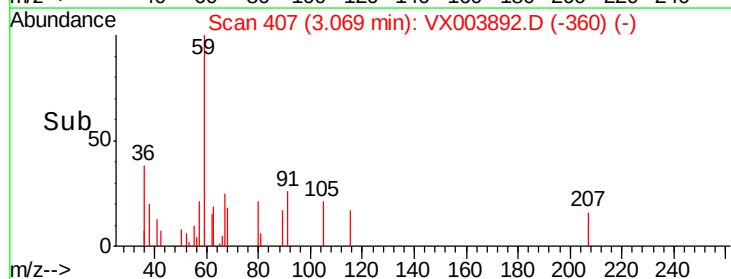
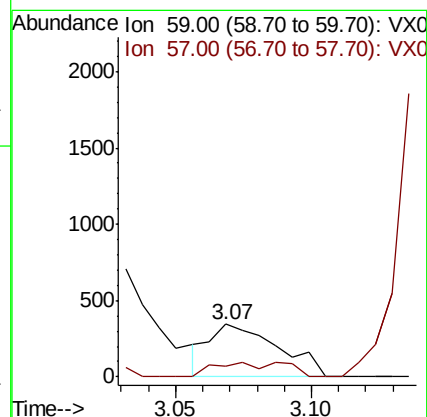
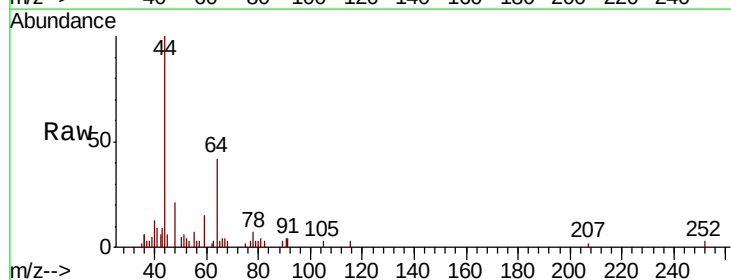
Acq: 07 Aug 2018 20:32

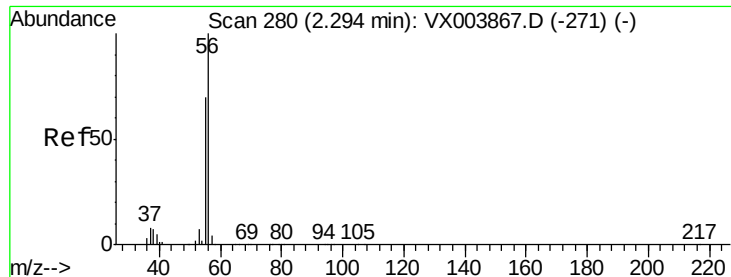
Tgt Ion: 59 Resp: 601

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#





#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 283

Delta R.T. 0.02 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampled :

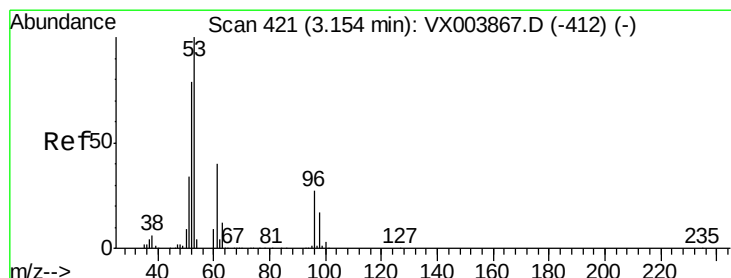
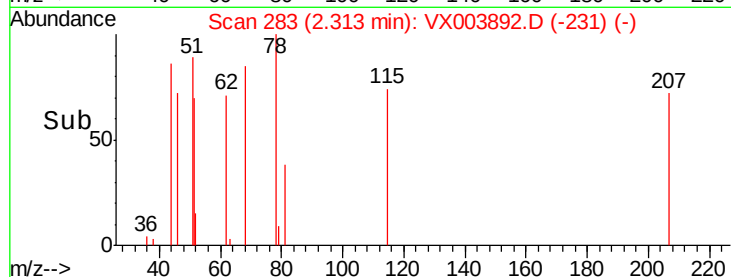
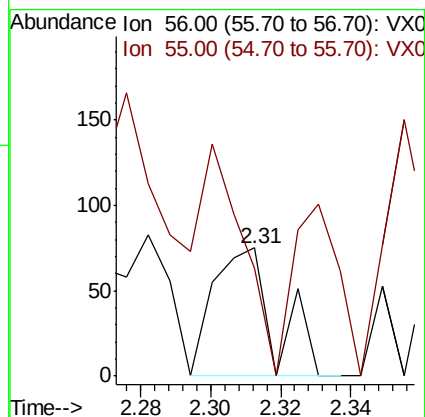
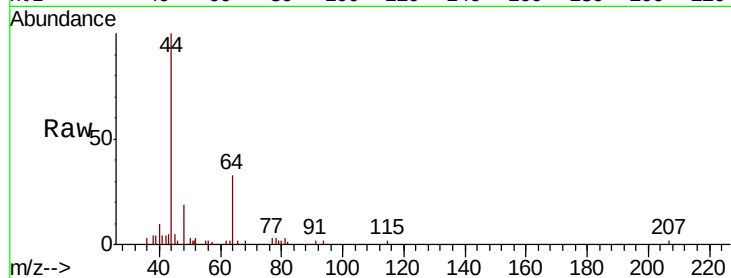
FL-0532DL

Tot Ion: 56 Resp: 91

Ion Ratio Lower Upper

56 100

55 118.7 56.1 84.1#



#15

Acrylonitrile

Concen: 0.77 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

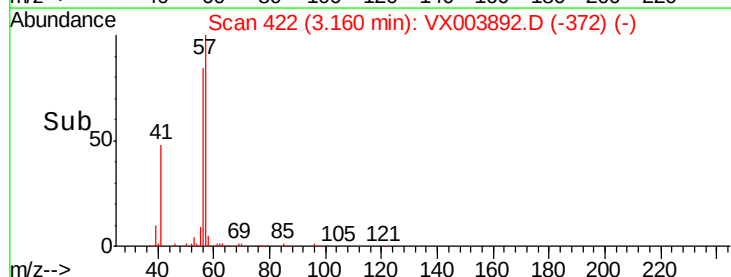
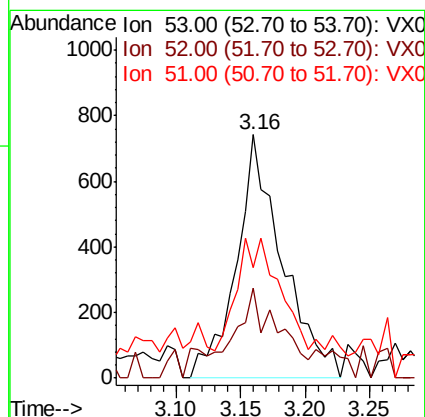
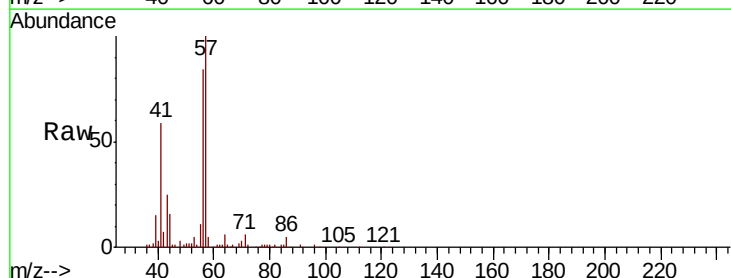
Tgt Ion: 53 Resp: 1832

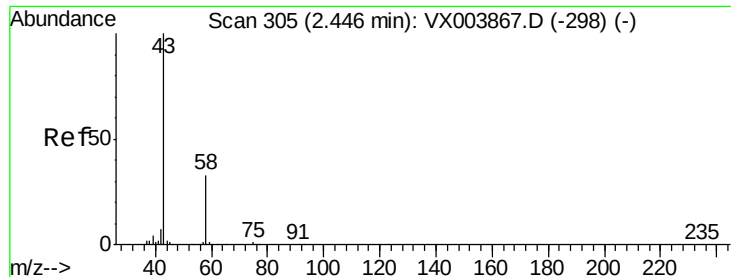
Ion Ratio Lower Upper

53 100

52 21.2 65.3 97.9#

51 49.2 27.9 41.9#





#16

Acetone

Concen: 0.79 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampled :

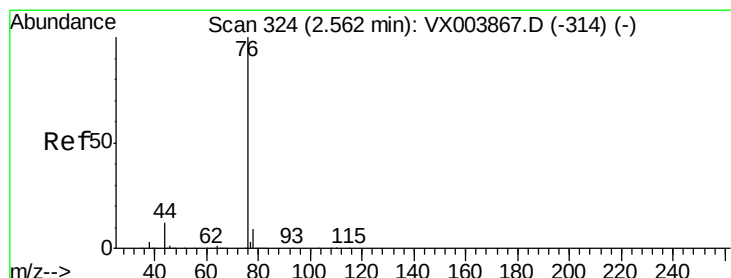
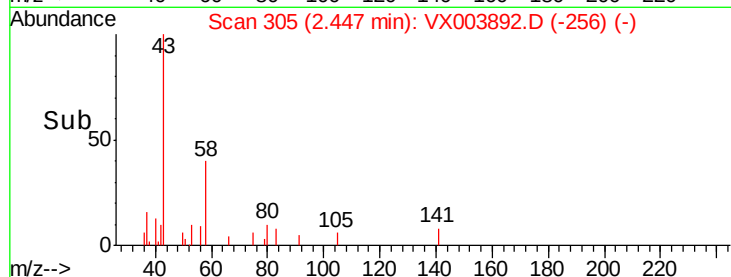
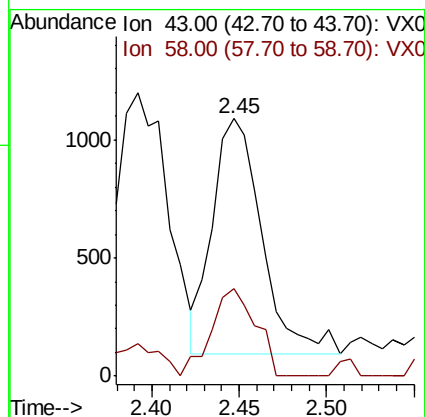
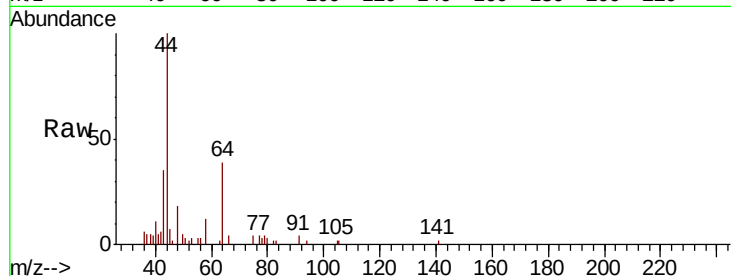
FL-0532DL

Tot Ion: 43 Resp: 1953

Ion Ratio Lower Upper

43 100

58 31.1 26.4 39.6



#17

Carbon Disulfide

Concen: 0.55 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003892.D

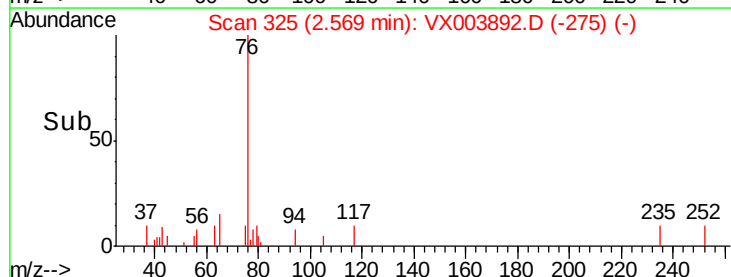
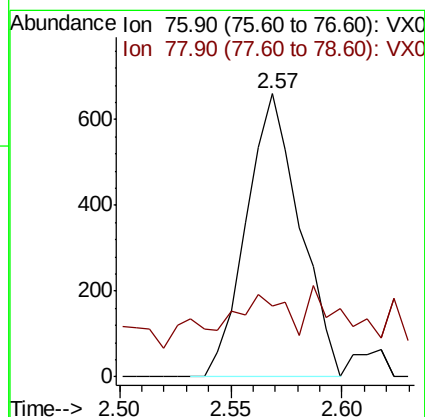
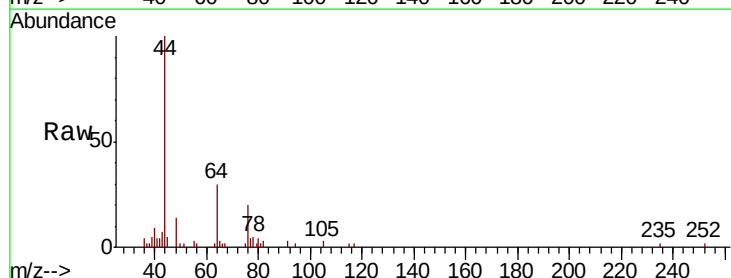
Acq: 07 Aug 2018 20:32

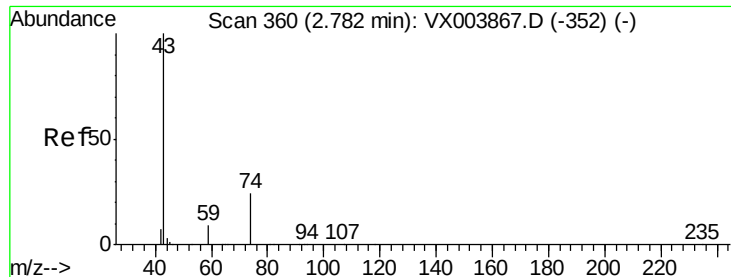
Tgt Ion: 76 Resp: 1100

Ion Ratio Lower Upper

76 100

78 4.8 7.5 11.3#

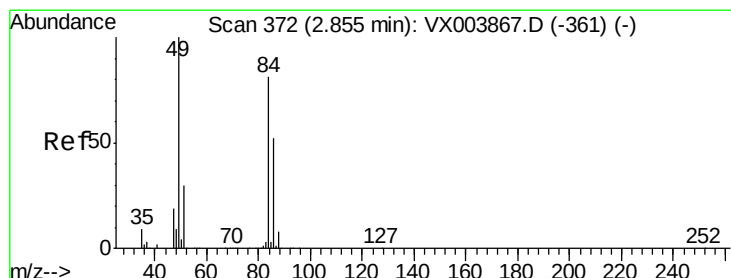
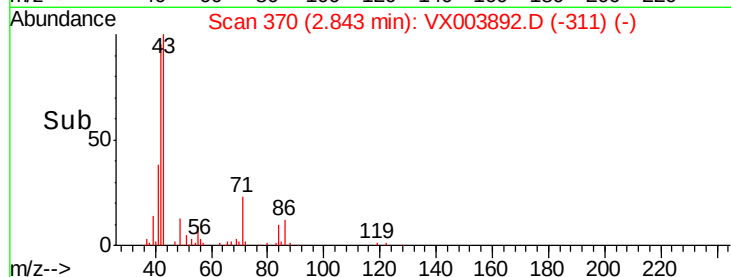
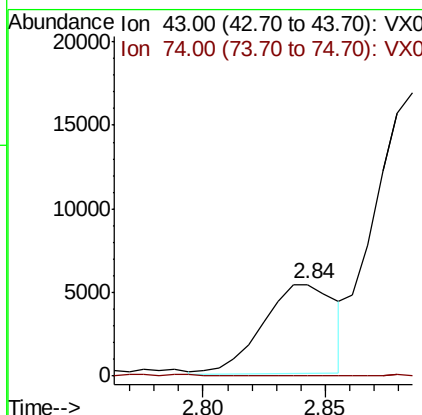
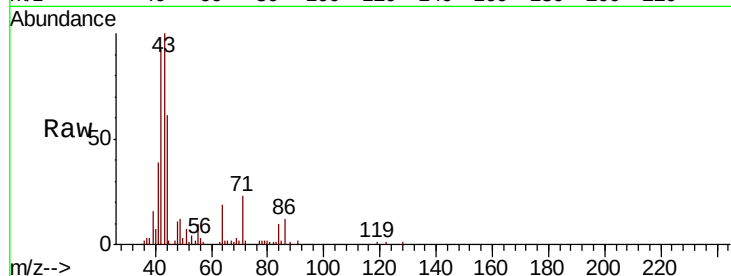




#18
Methyl Acetate
Concen: 2.07 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

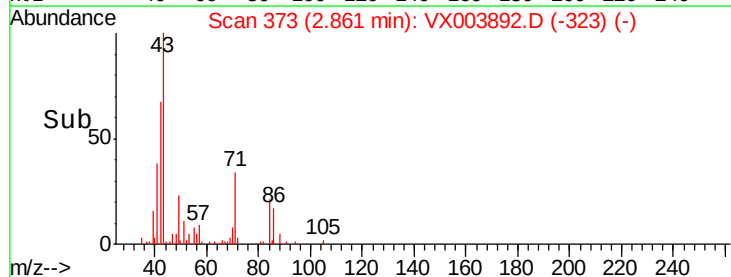
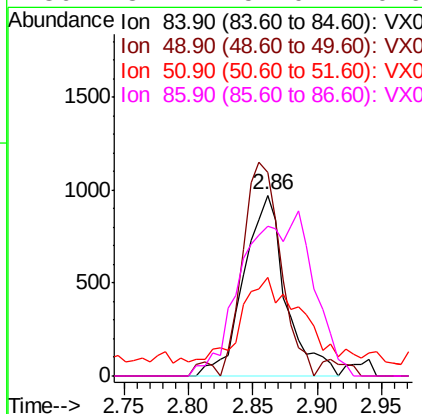
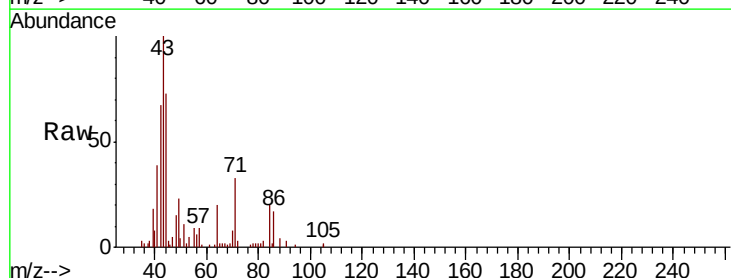
Instrument :
MSVOA_X
ClientSampleId :
FL-0532DL

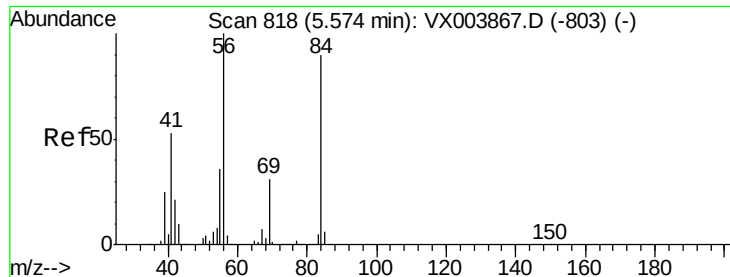
Tot Ion: 43 Resp: 11166
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

Tgt Ion: 84 Resp: 2167
Ion Ratio Lower Upper
84 100
49 112.7 98.9 148.3
51 46.7 29.9 44.9#
86 82.7 51.0 76.6#

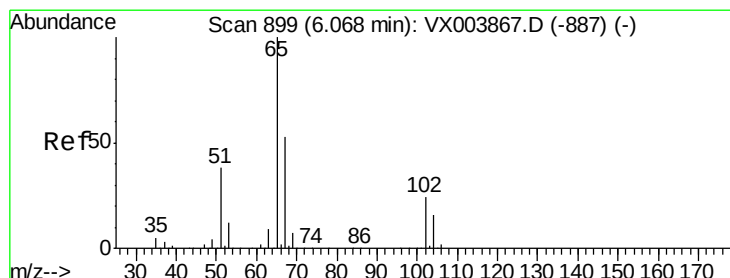
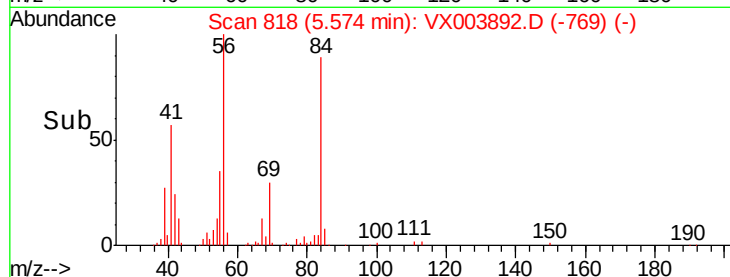
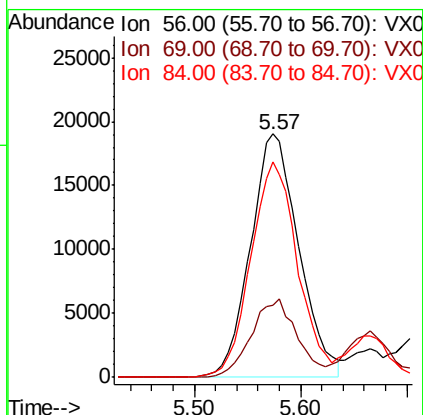
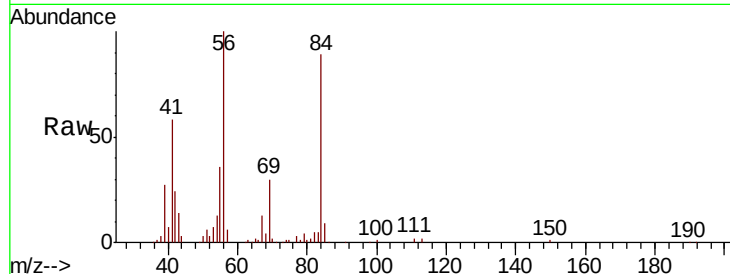




#31
Cyclohexane
Concen: 10.04 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

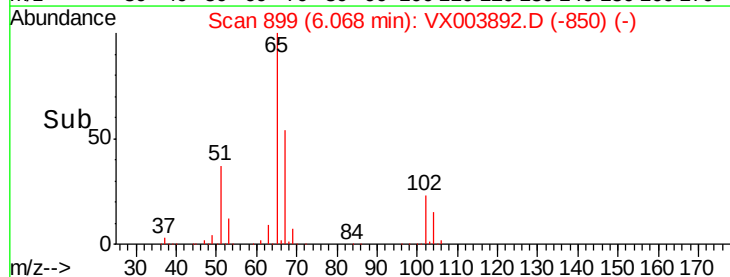
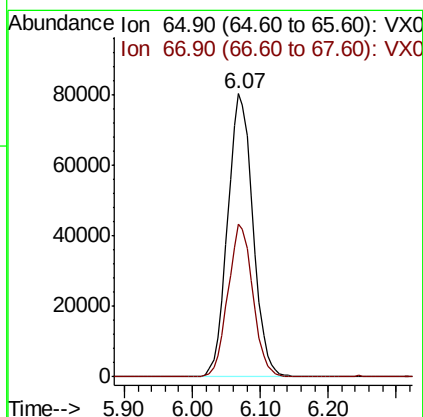
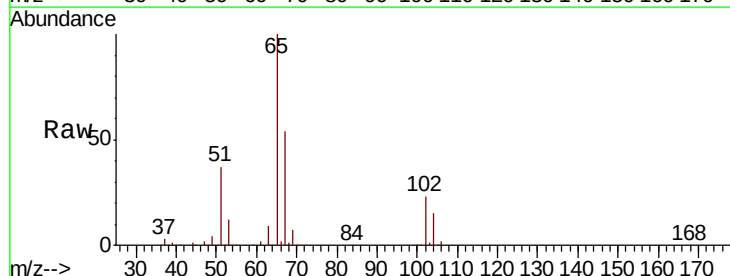
Instrument :
MSVOA_X
ClientSampleId :
FL-0532DL

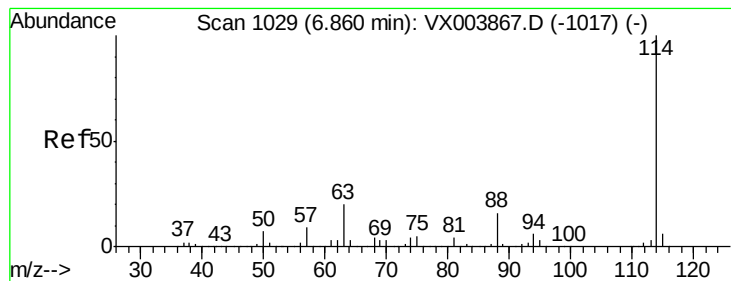
Tot Ion: 56 Resp: 60328
Ion Ratio Lower Upper
56 100
69 29.3 24.9 37.3
84 88.7 71.7 107.5



#33
1,2-Dichloroethane-d4
Concen: 49.77 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

Tgt Ion: 65 Resp: 207515
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampled :

FL-0532DL

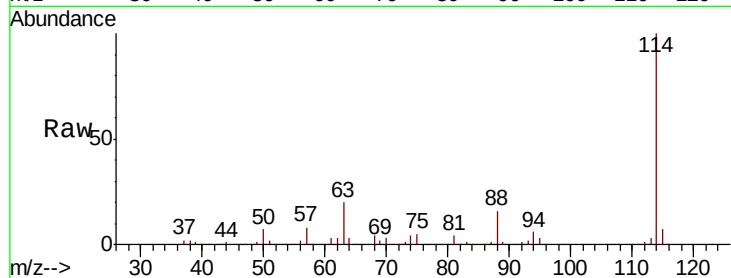
Tot Ion:114 Resp: 479374

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

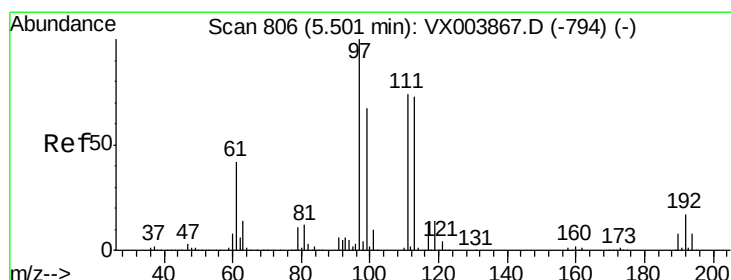
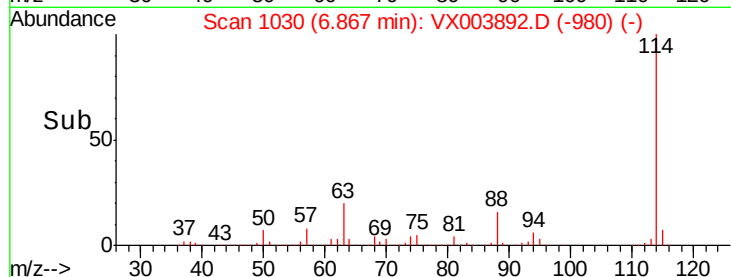
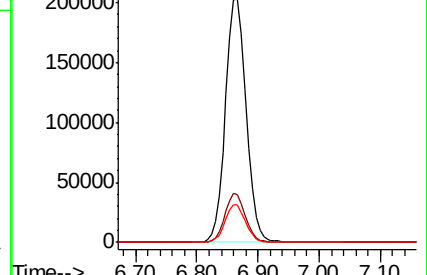
88 15.6 0.0 32.0



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: 48.15 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

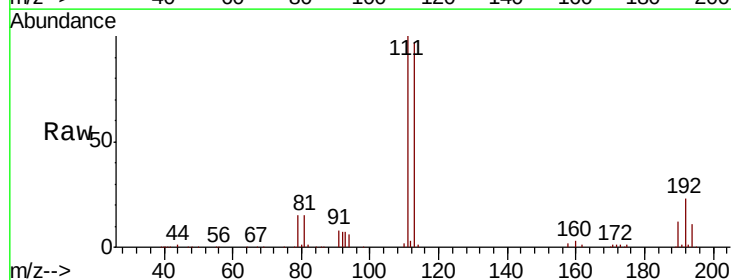
Tgt Ion:113 Resp: 174878

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

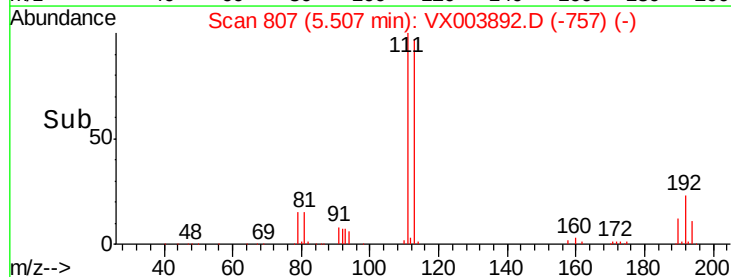
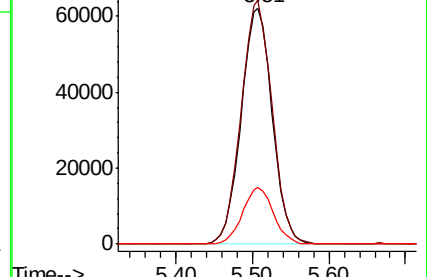
192 23.8 19.0 28.4

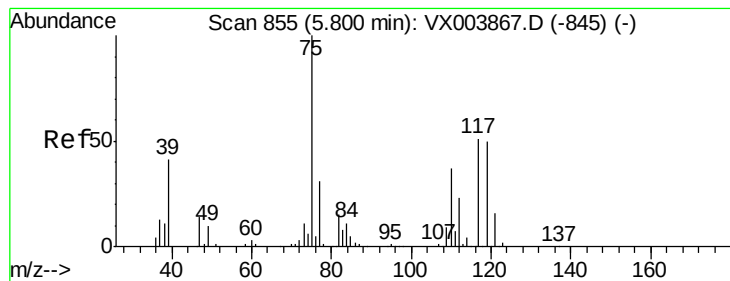


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.98 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampled :

FL-0532DL

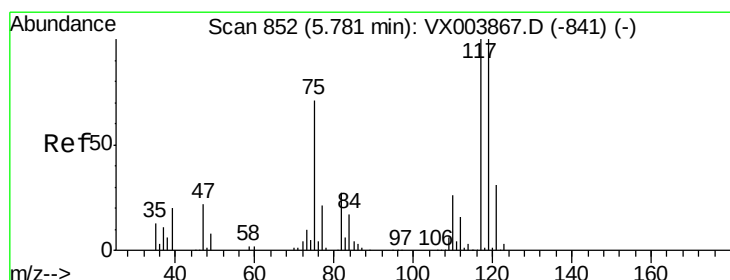
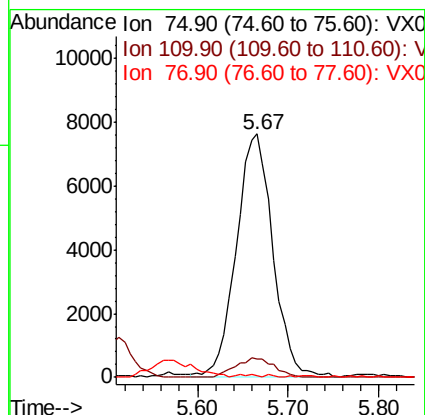
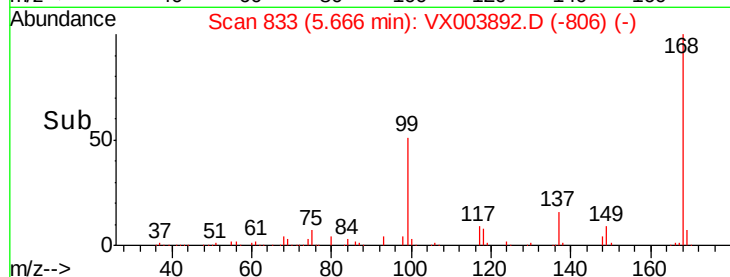
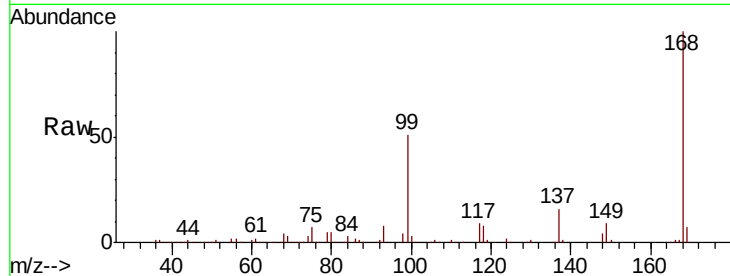
Tot Ion: 75 Resp: 21363

Ion Ratio Lower Upper

75 100

110 8.5 18.2 54.6#

77 0.2 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.40 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

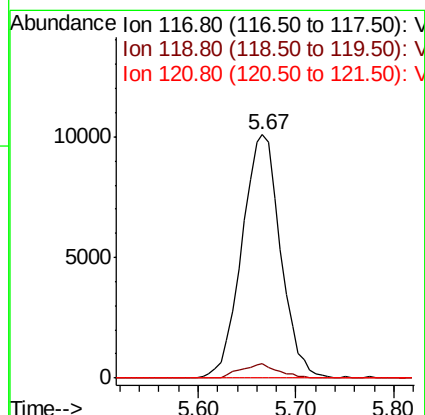
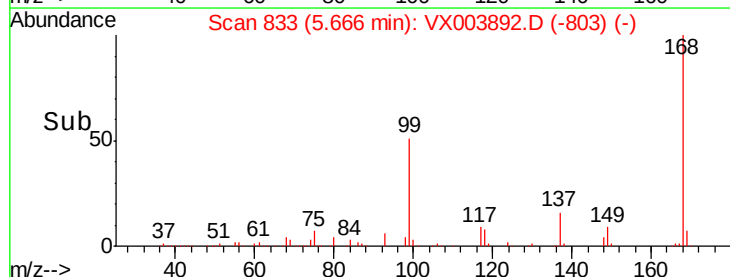
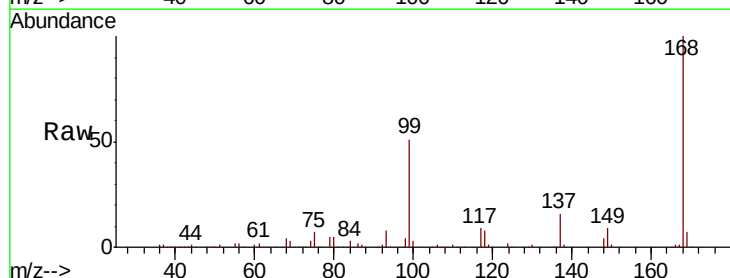
Tgt Ion: 117 Resp: 27609

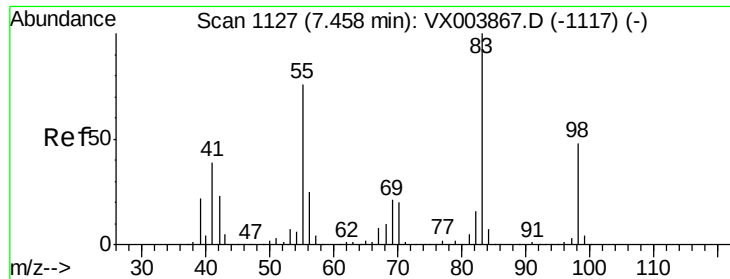
Ion Ratio Lower Upper

117 100

119 5.8 79.5 119.3#

121 0.0 25.0 37.4#

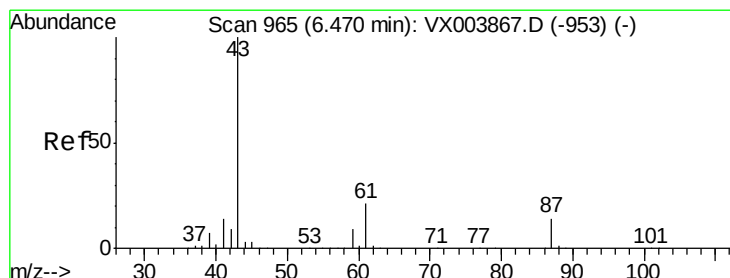
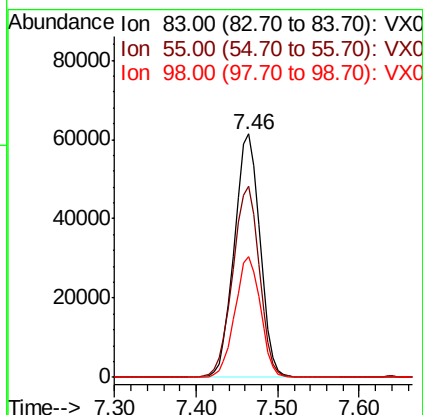
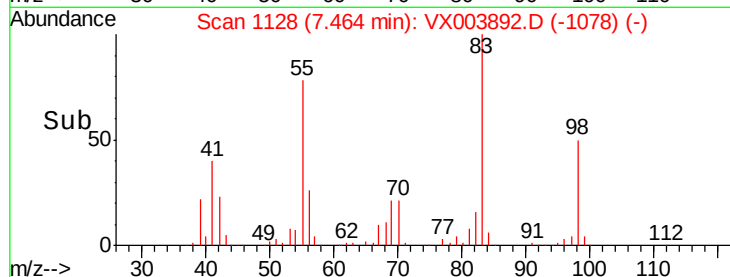
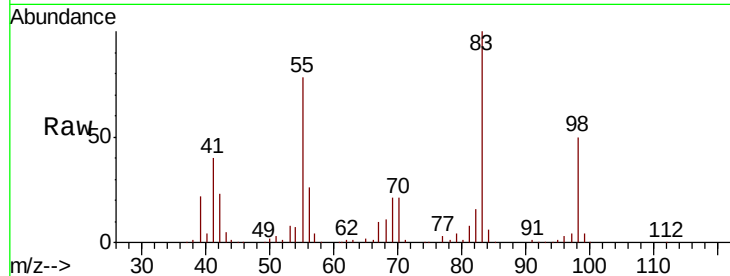




#39
Methylvlcyclohexane
Concen: 21.04 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

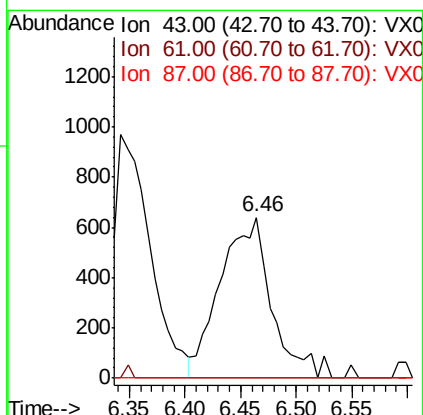
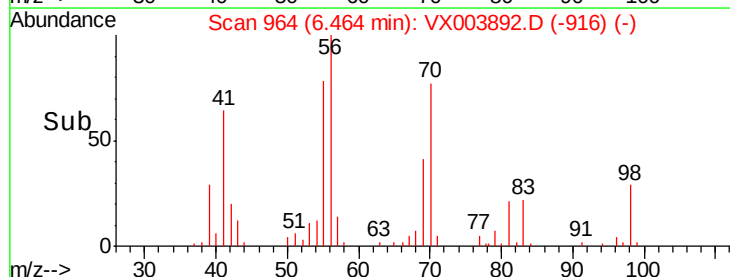
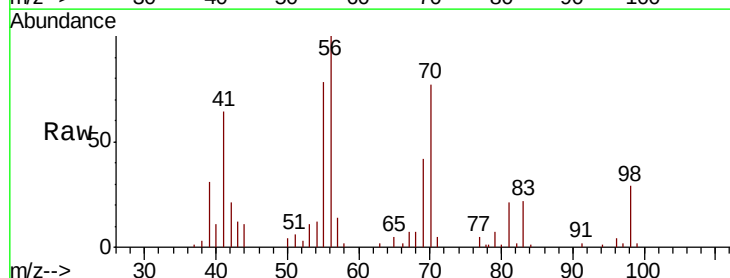
Instrument :
MSVOA_X
ClientSampleId :
FL-0532DL

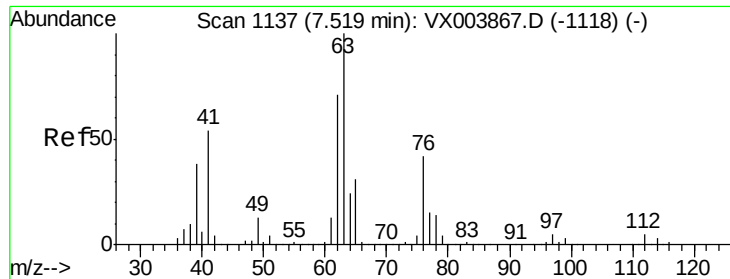
Tot Ion: 83 Resp: 133161
Ion Ratio Lower Upper
83 100
55 78.3 61.0 91.6
98 49.6 38.6 57.8



#43
Isopropyl Acetate
Concen: 0.23 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

Tgt Ion: 43 Resp: 2039
Ion Ratio Lower Upper
43 100
61 0.0 16.9 25.3#
87 0.0 11.3 16.9#

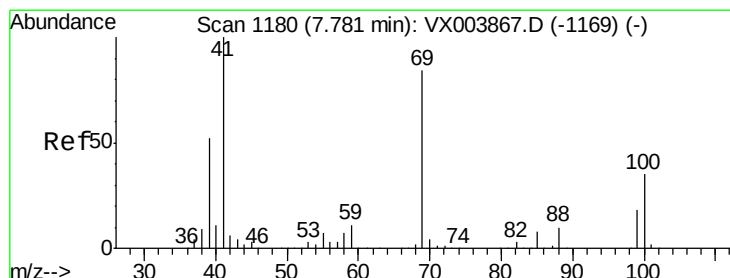
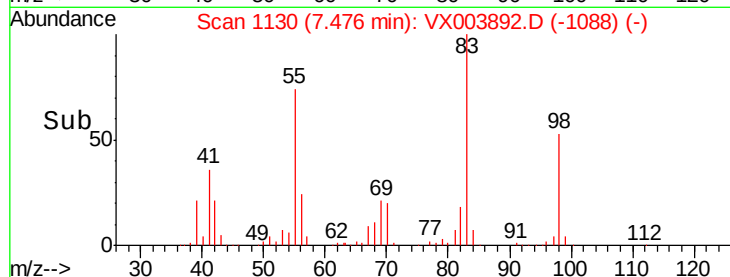
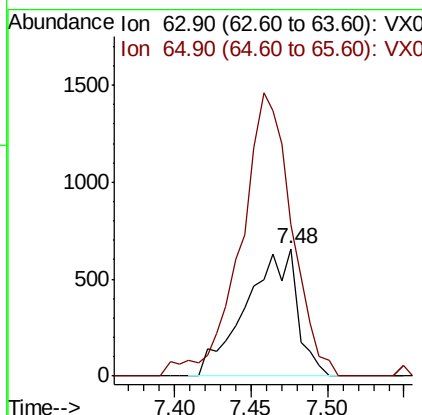
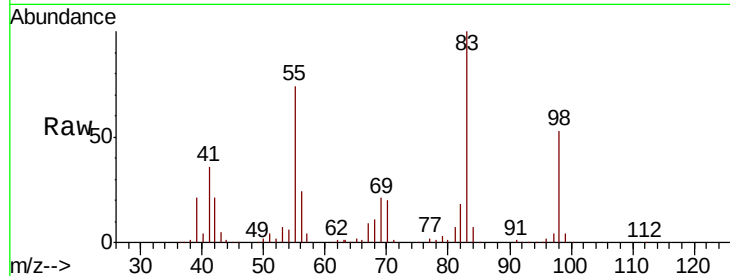




#45
 1,2-Dichloropropane
 Concen: 0.36 ug/l
 RT: 7.48 min Scan# 1130
 Delta R.T. -0.04 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

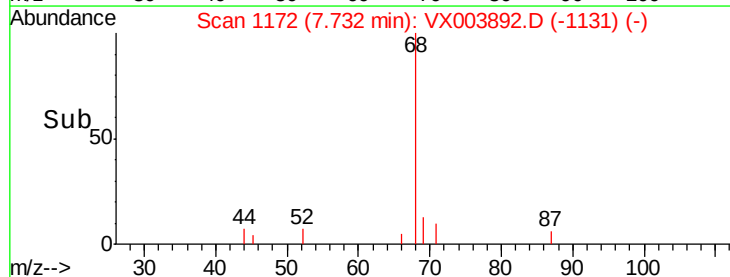
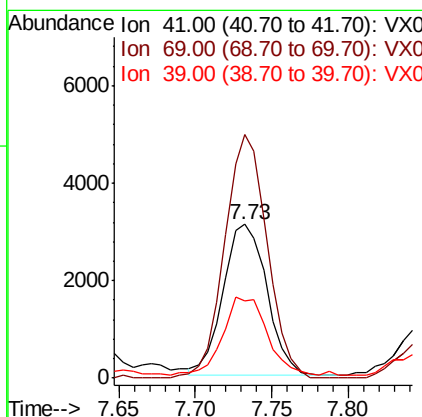
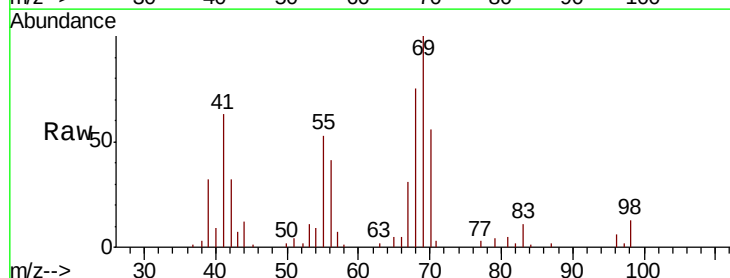
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0532DL

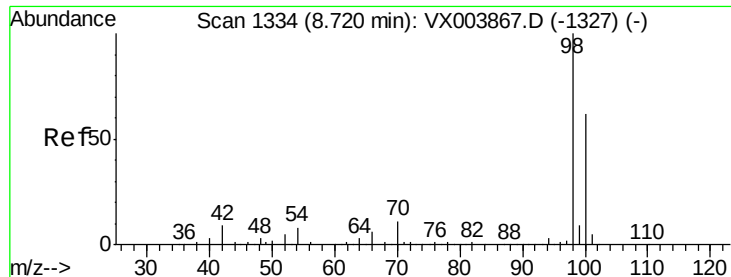
Tot Ion: 63 Resp: 1515
 Ion Ratio Lower Upper
 63 100
 65 118.7 24.6 36.8#



#48
 Methyl methacrylate
 Concen: 1.35 ug/l
 RT: 7.73 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

Tgt Ion: 41 Resp: 6115
 Ion Ratio Lower Upper
 41 100
 69 156.8 68.8 103.2#
 39 52.7 42.3 63.5





#50

Toluene-d8

Concen: 48.66 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

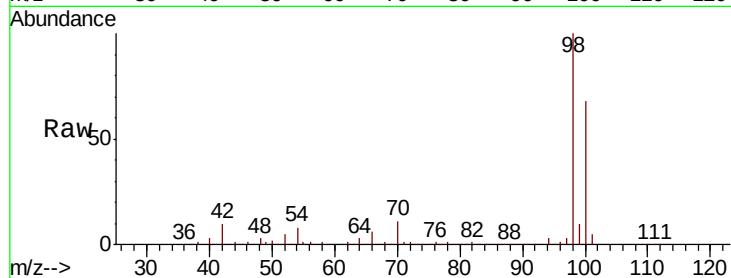
FL-0532DL

Tot Ion: 98 Resp: 687208

Ion Ratio Lower Upper

98 100

100 66.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

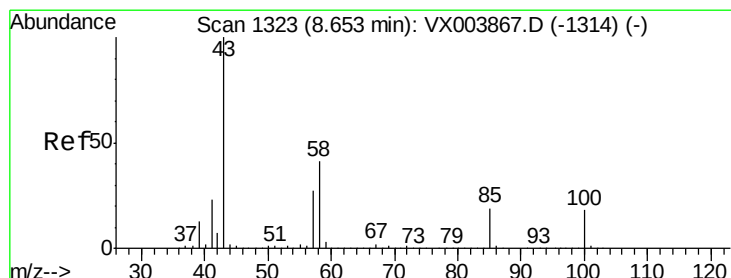
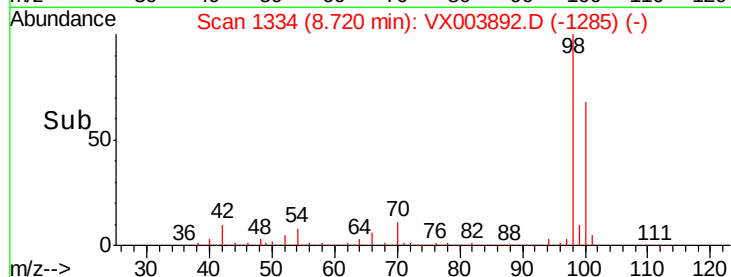
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.25 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX003892.D

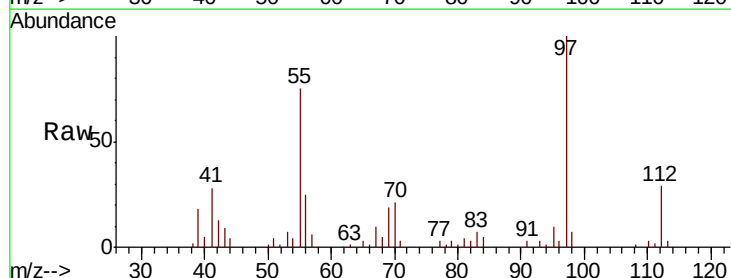
Acq: 07 Aug 2018 20:32

Tgt Ion: 43 Resp: 1843

Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.67

4000

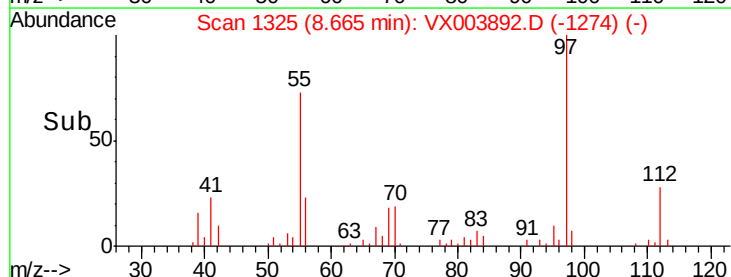
3000

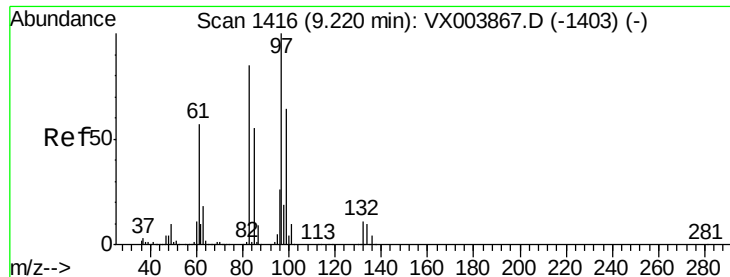
2000

1000

0

Time-->

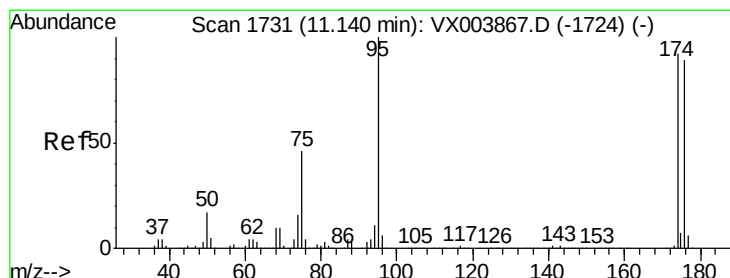
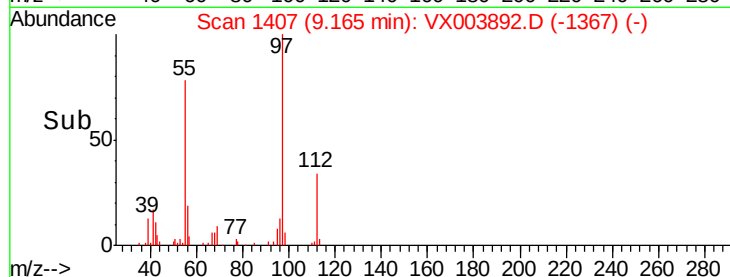
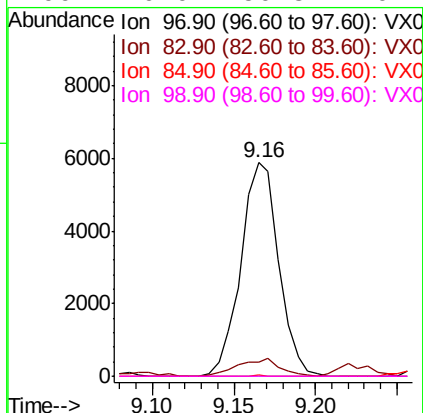
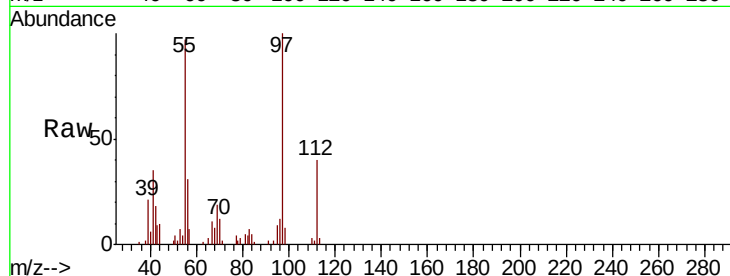




#55
 1,1,2-Trichloroethane
 Concen: 2.29 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

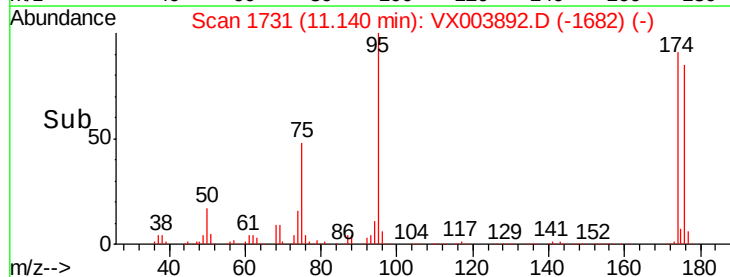
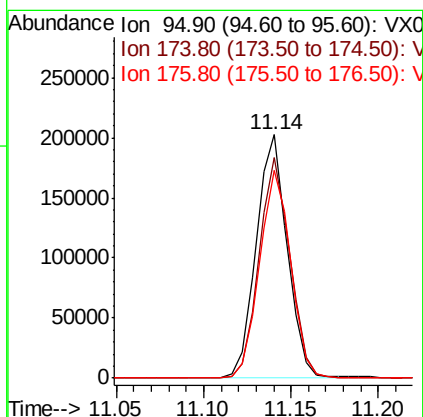
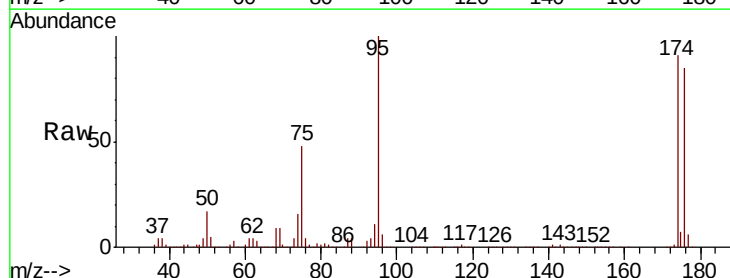
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0532DL

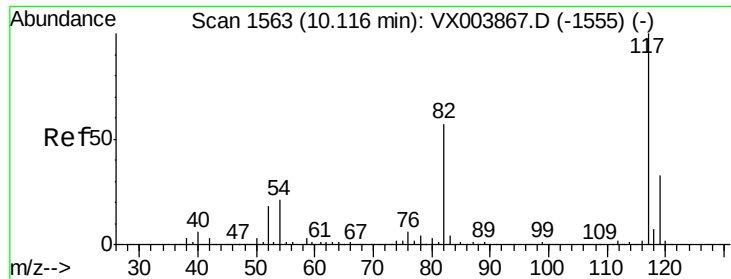
Tot Ion: 97 Resp: 9537
 Ion Ratio Lower Upper
 97 100
 83 6.7 67.8 101.6#
 85 0.9 44.2 66.2#
 99 0.0 50.8 76.2#



#62
 4-Bromofluorobenzene
 Concen: 54.60 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

Tgt Ion: 95 Resp: 249510
 Ion Ratio Lower Upper
 95 100
 174 90.1 0.0 182.8
 176 85.9 0.0 179.0

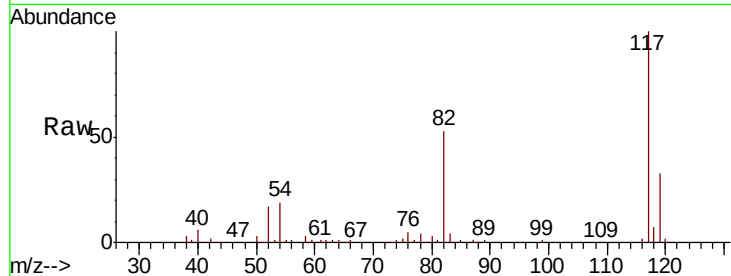




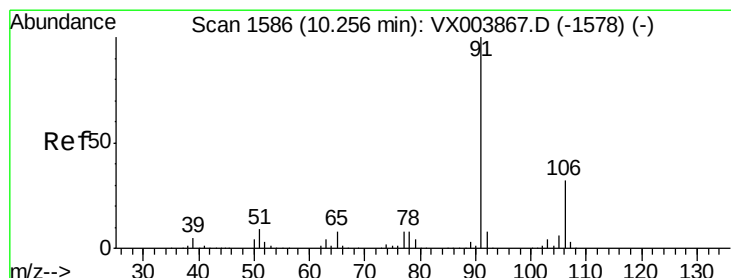
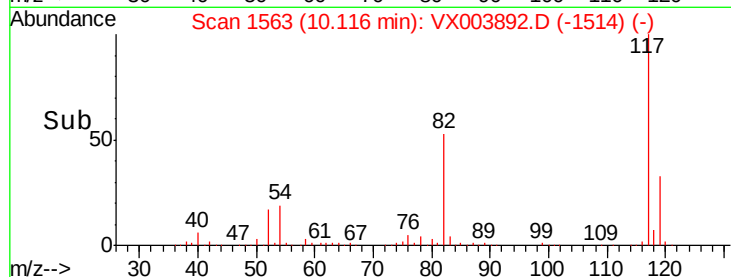
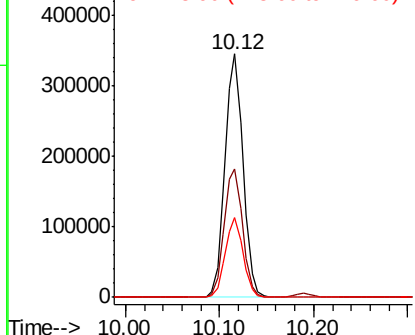
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

Instrument :
MSVOA_X
ClientSampled :
FL-0532DL

Tot Ion:117 Resp: 458641
Ion Ratio Lower Upper
117 100
82 52.5 45.4 68.0
119 32.7 26.6 40.0

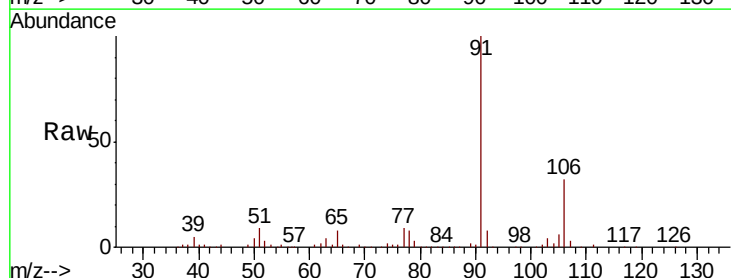


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

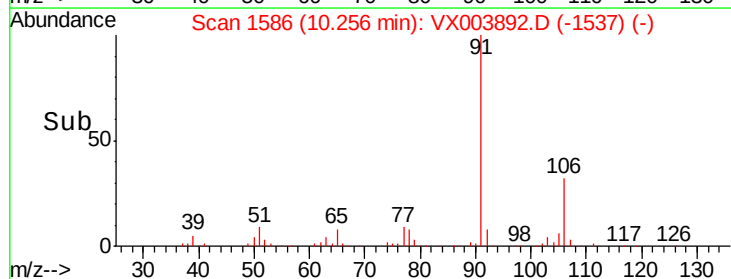
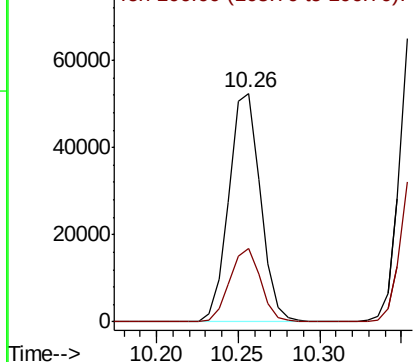


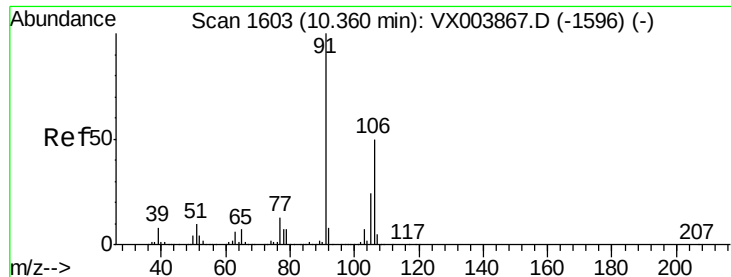
#67
Ethyl Benzene
Concen: 3.61 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

Tgt Ion: 91 Resp: 70506
Ion Ratio Lower Upper
91 100
106 32.3 25.9 38.9



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





#68

m/p-Xvlenes

Concen: 8.66 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampled :

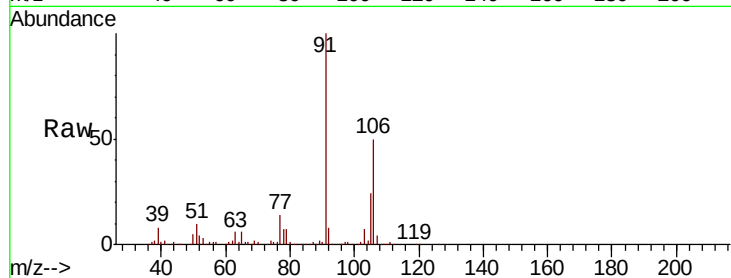
FL-0532DL

Tot Ion:106 Resp: 66129

Ion Ratio Lower Upper

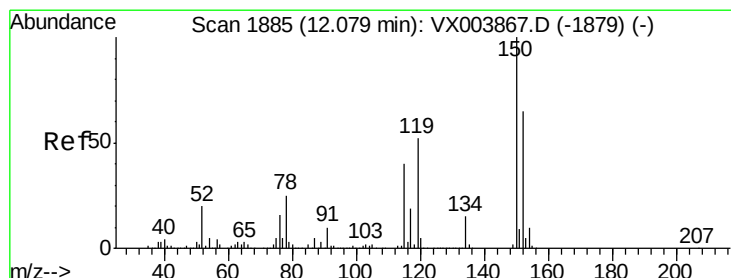
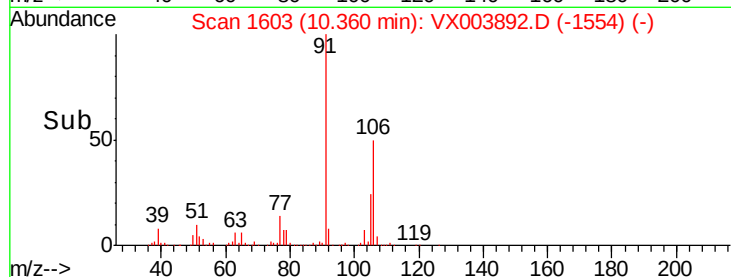
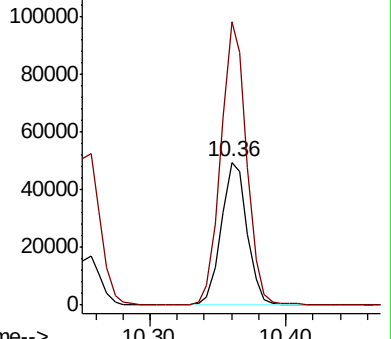
106 100

91 196.5 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

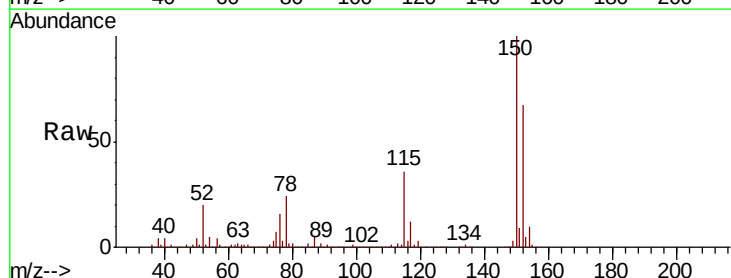
Tgt Ion:152 Resp: 247926

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.3

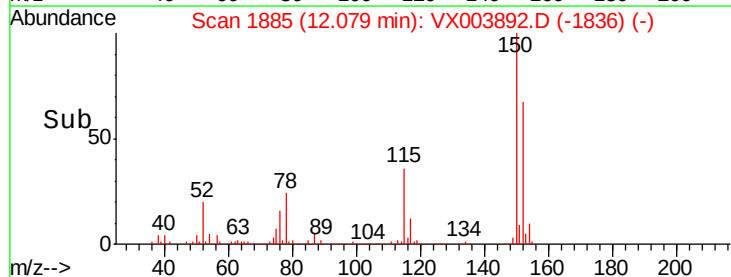
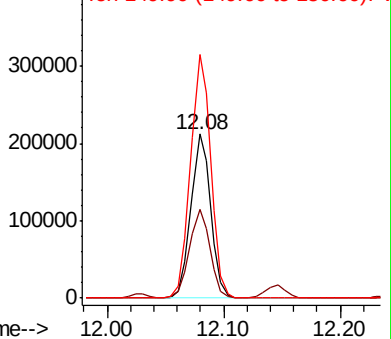
150 152.3 0.0 349.2

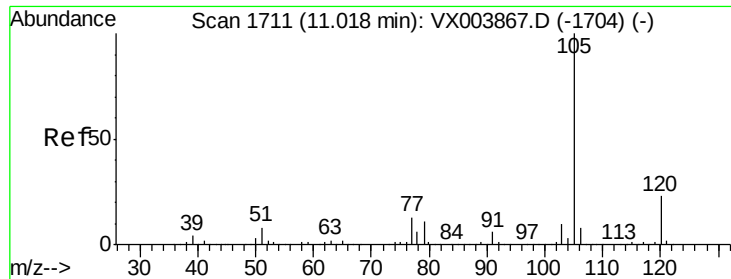


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.96 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

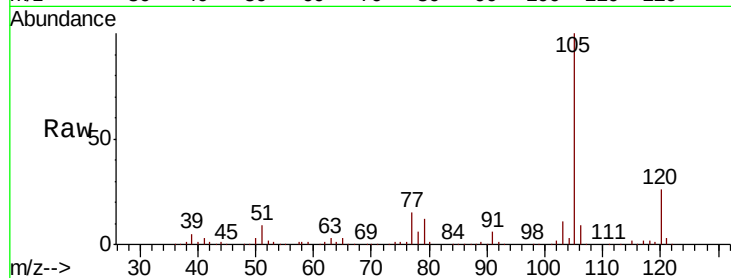
FL-0532DL

Tot Ion:105 Resp: 109274

Ion Ratio Lower Upper

105 100

120 26.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

80000

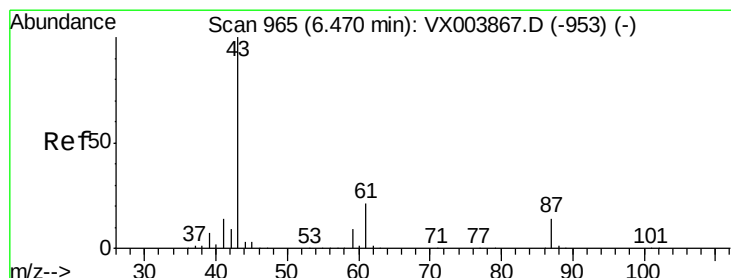
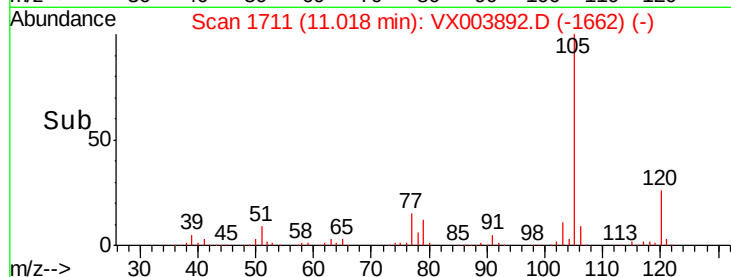
60000

40000

20000

0

Time--> 11.00 11.10



#74

N-ethyl acetate

Concen: 0.21 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Tgt Ion: 43 Resp: 2039

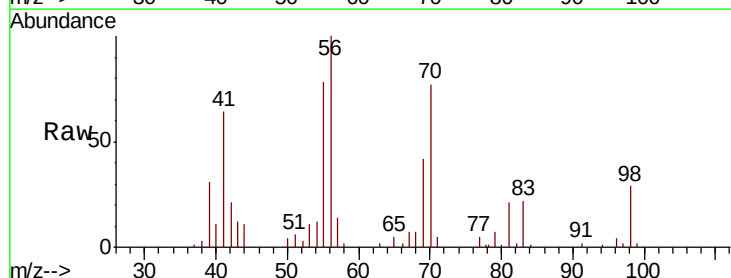
Ion Ratio Lower Upper

43 100

70 690.0 0.0 0.0#

55 697.8 0.1 0.1#

61 0.0 16.9 25.3#



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

8000

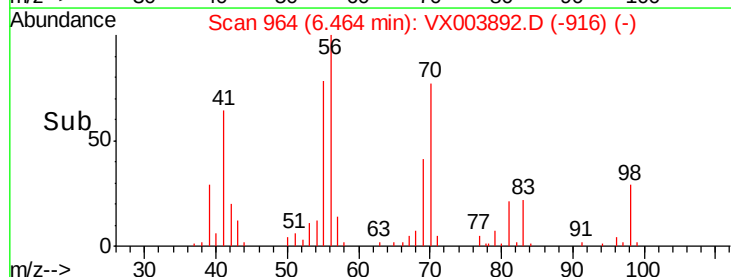
6000

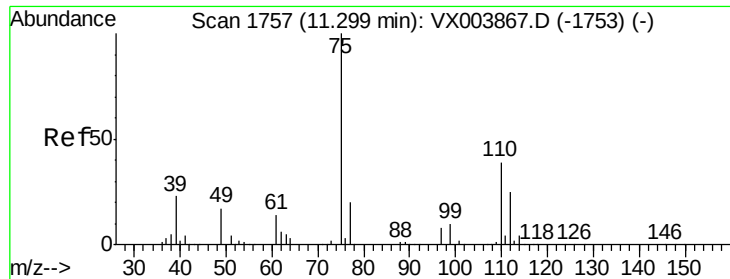
4000

2000

0

Time--> 6.35 6.40 6.45 6.50 6.55

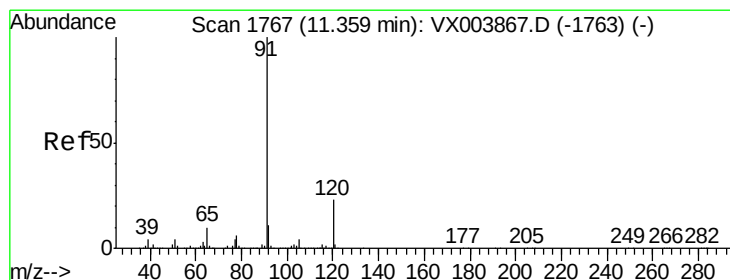
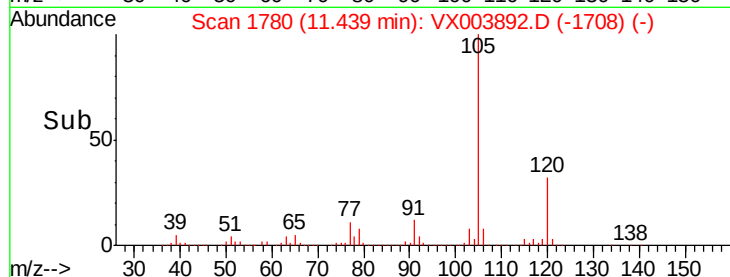
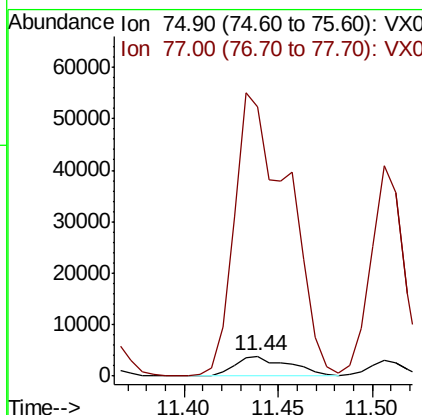
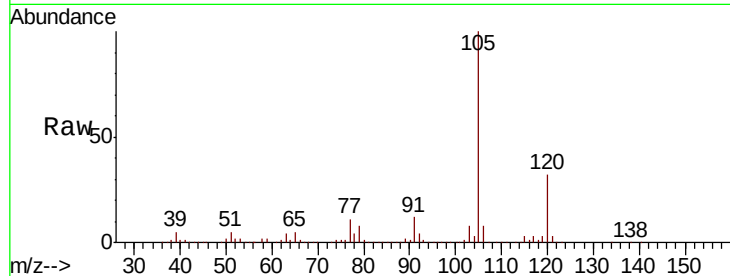




#76
 1,2,3-Trichloropropane
 Concen: 1.42 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. 0.14 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

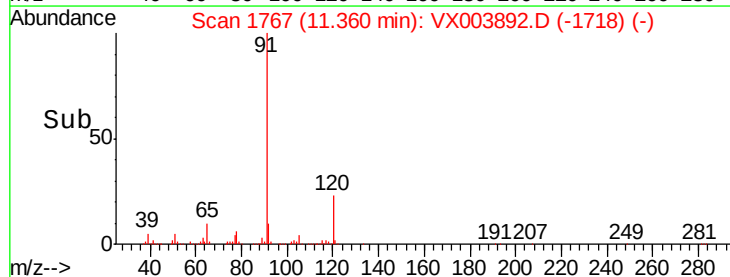
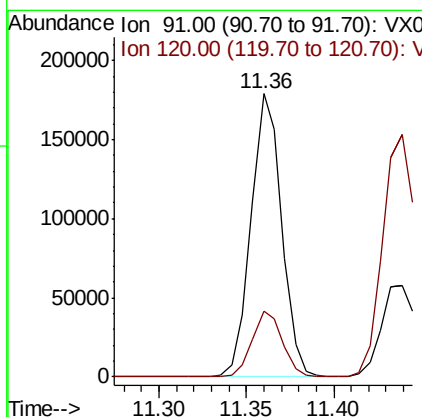
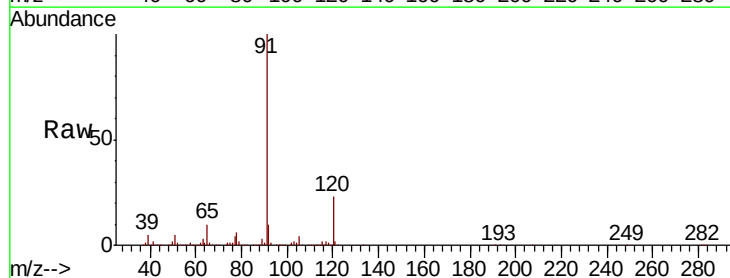
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0532DL

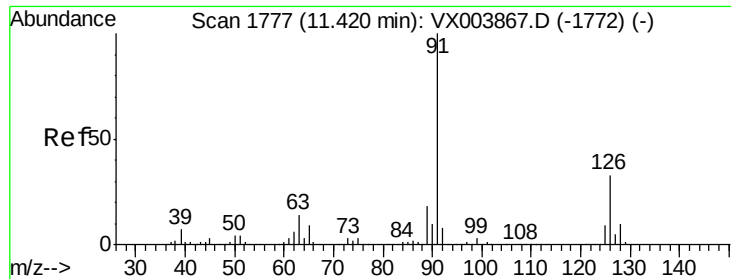
Tot Ion: 75 Resp: 7759
 Ion Ratio Lower Upper
 75 100
 77 1404.9 20.8 62.5#



#78
 n-propylbenzene
 Concen: 10.58 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

Tgt Ion: 91 Resp: 217955
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.9 35.5

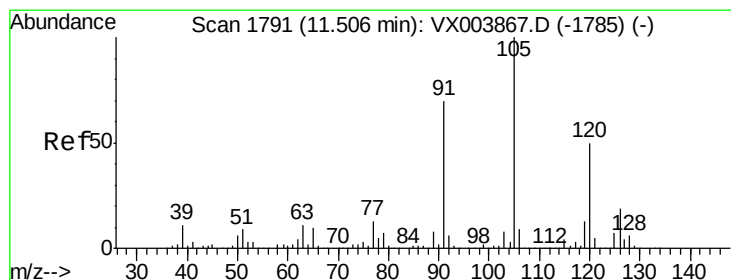
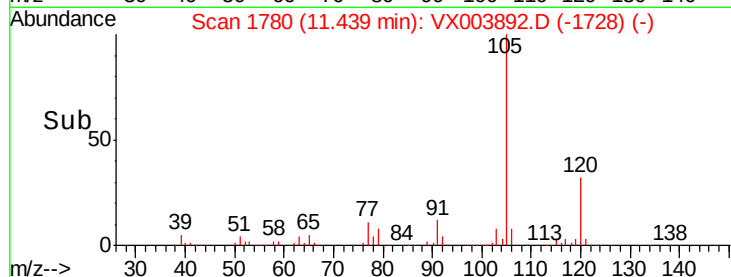
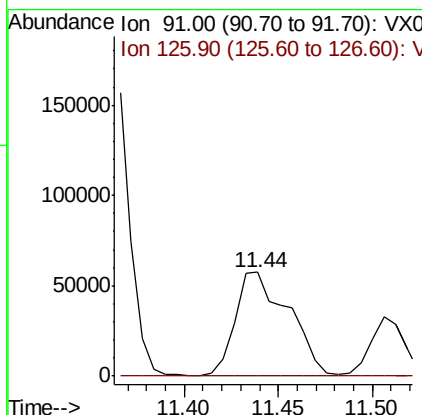
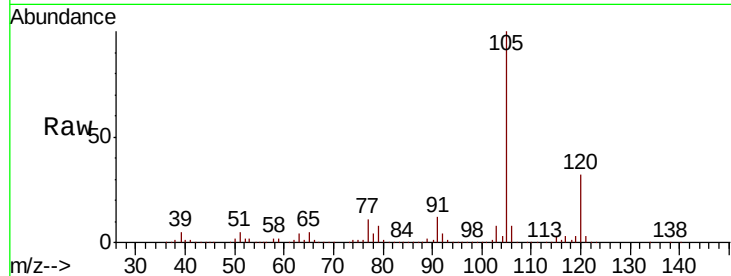




#79
 2-Chlorotoluene
 Concen: 8.96 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. 0.02 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

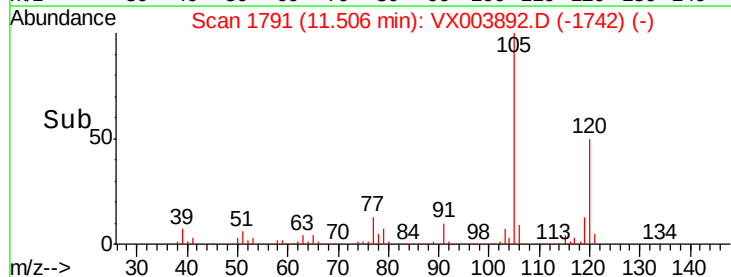
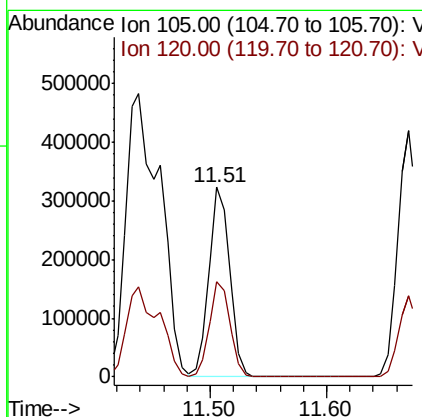
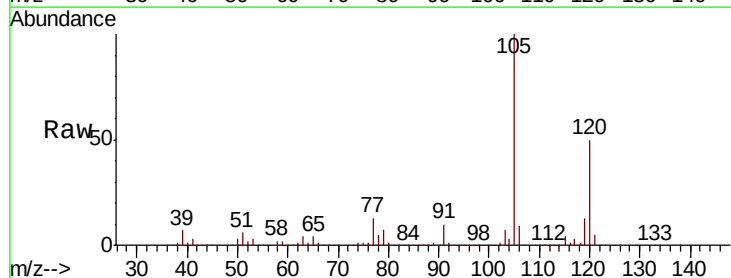
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0532DL

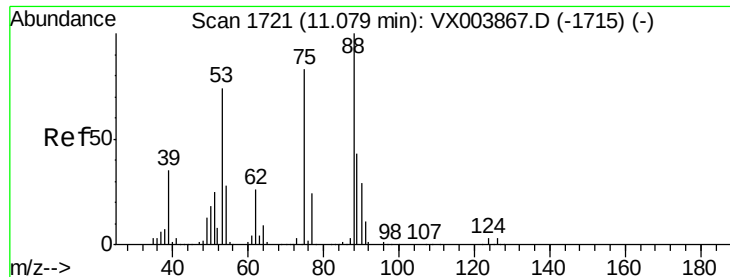
Tot Ion: 91 Resp: 112554
 Ion Ratio Lower Upper
 91 100
 126 0.1 17.4 52.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 26.53 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

Tgt Ion:105 Resp: 396741
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.4 76.2

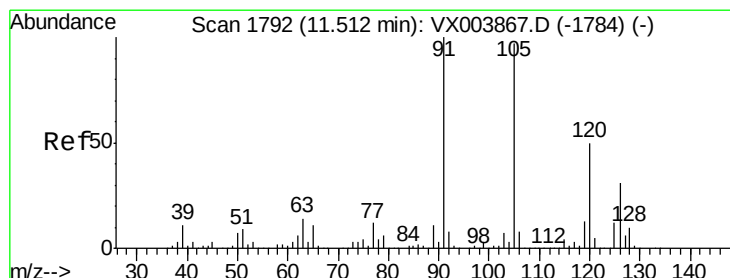
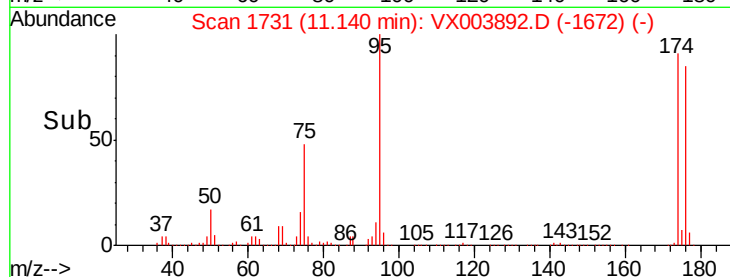
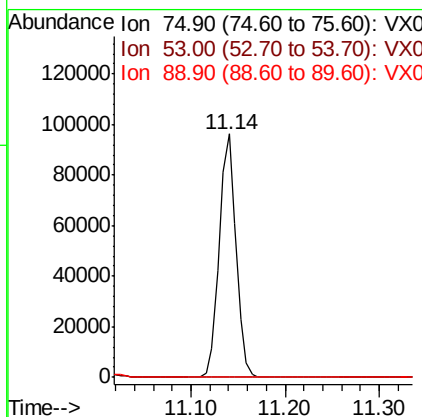
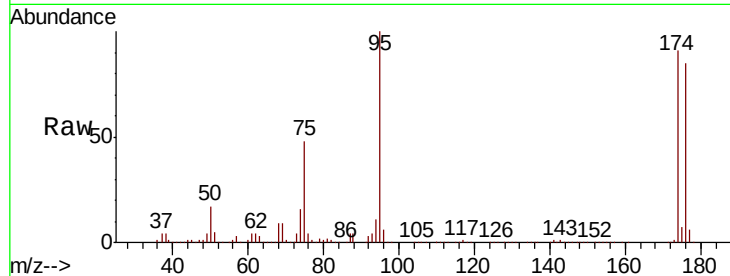




#81
trans-1,4-Dichloro-2-butene
Concen: 58.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

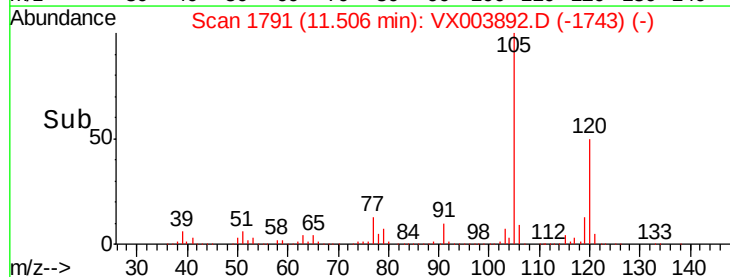
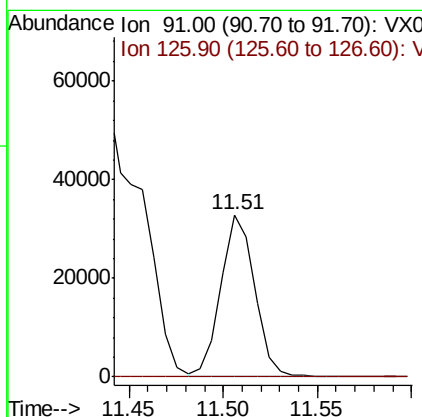
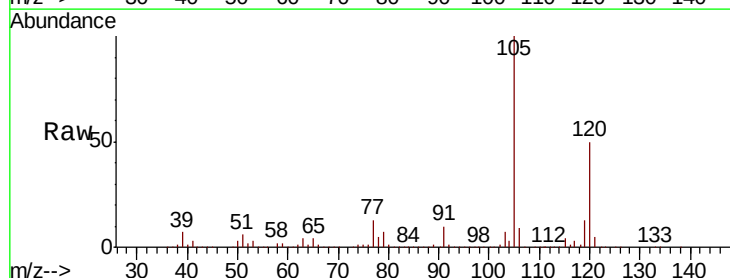
Instrument :
MSVOA_X
ClientSampleId :
FL-0532DL

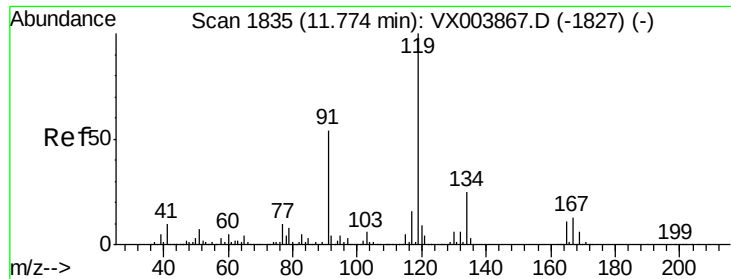
Tot Ion: 75 Resp: 118872
Ion Ratio Lower Upper
75 100
53 0.2 80.3 120.5#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 2.74 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

Tgt Ion: 91 Resp: 40380
Ion Ratio Lower Upper
91 100
126 0.4 15.6 46.7#

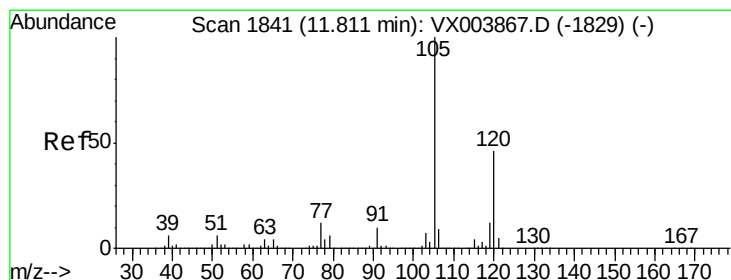
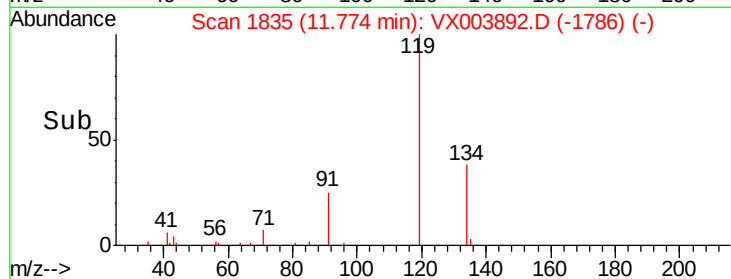
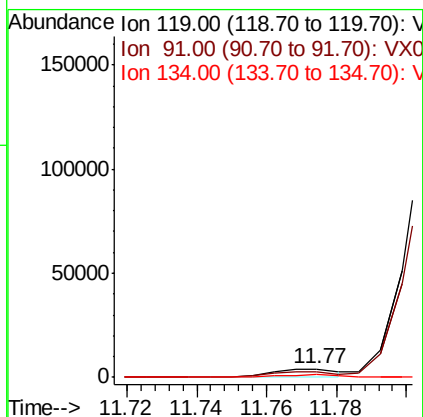
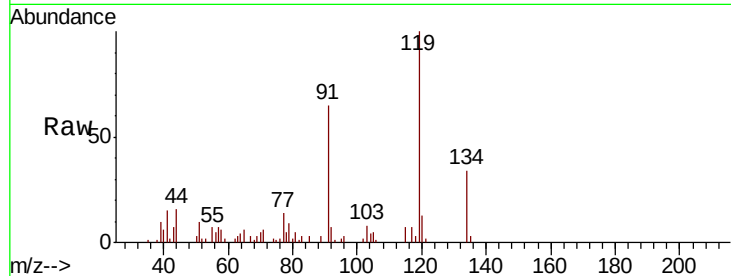




#83
 tert-Butylbenzene
 Concen: 0.35 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

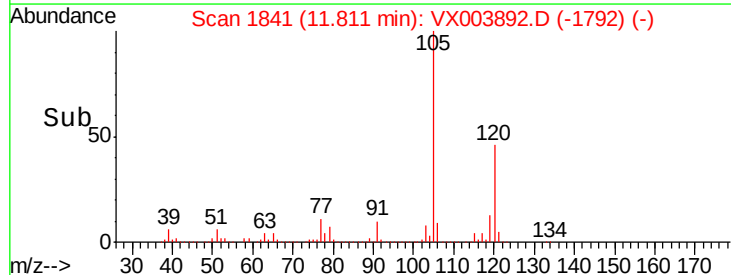
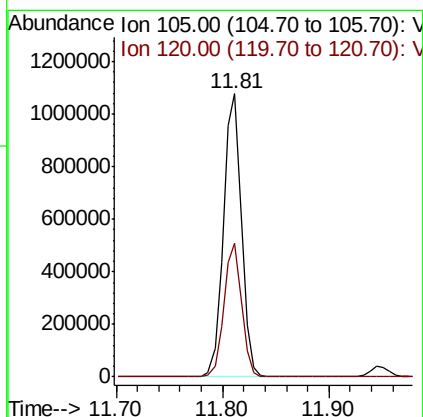
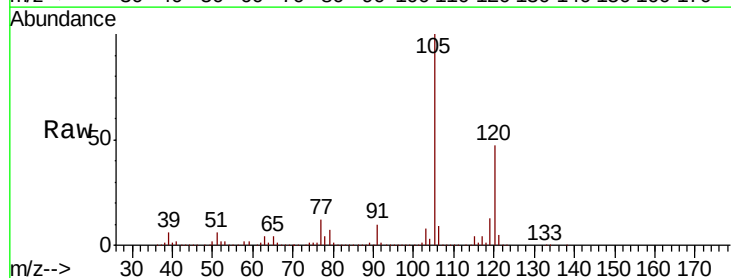
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0532DL

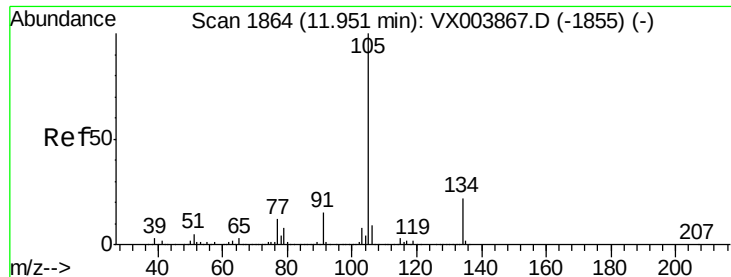
Tot Ion:119 Resp: 5101
 Ion Ratio Lower Upper
 119 100
 91 0.0 26.9 80.7#
 134 31.2 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 84.57 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

Tgt Ion:105 Resp: 1271671
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.2

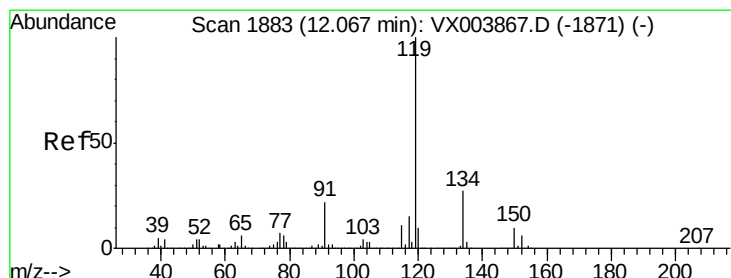
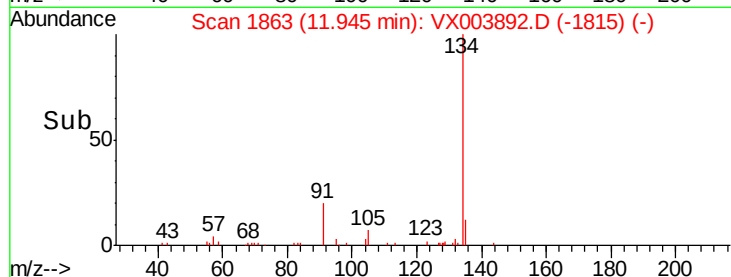
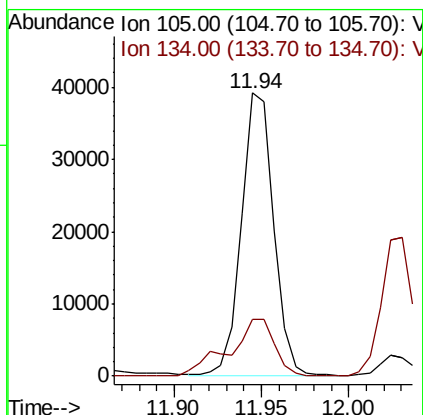
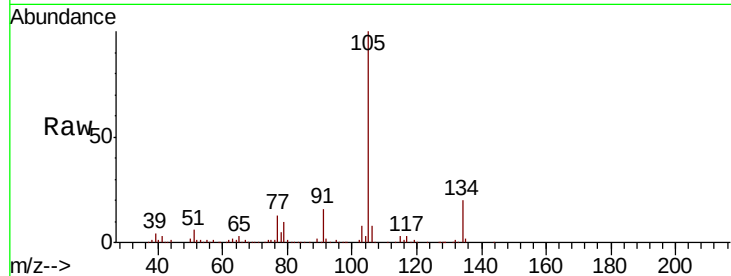




#85
 sec-Butylbenzene
 Concen: 2.87 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

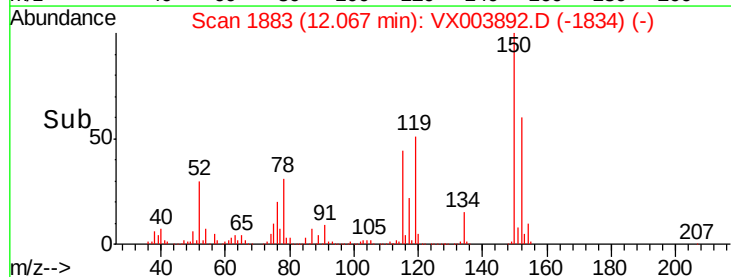
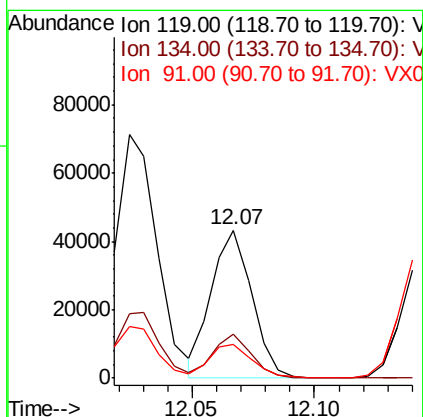
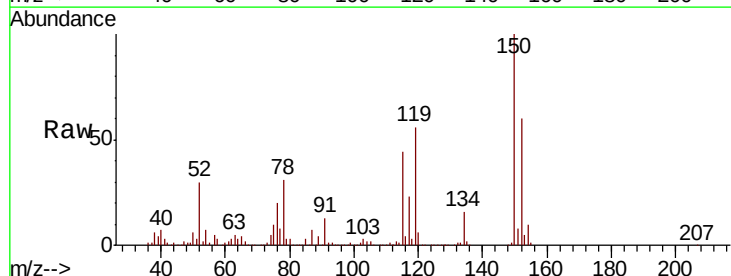
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0532DL

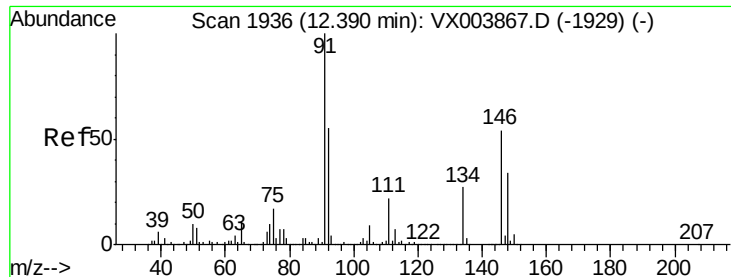
Tot Ion:105 Resp: 49815
 Ion Ratio Lower Upper
 105 100
 134 28.9 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 3.20 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003892.D
 Acq: 07 Aug 2018 20:32

Tgt Ion:119 Resp: 49832
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.3 39.8
 91 23.5 10.9 32.7

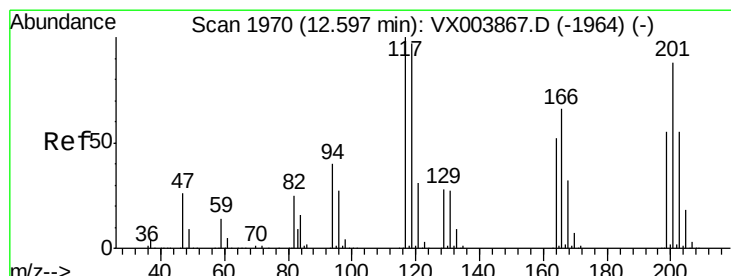
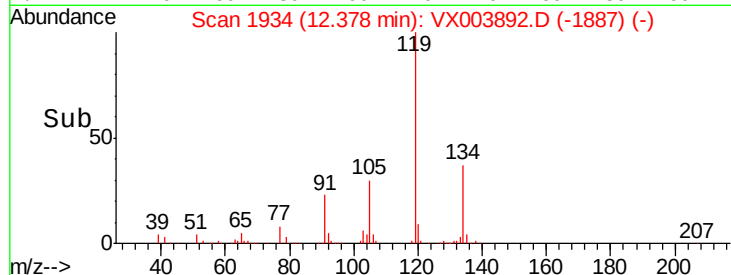
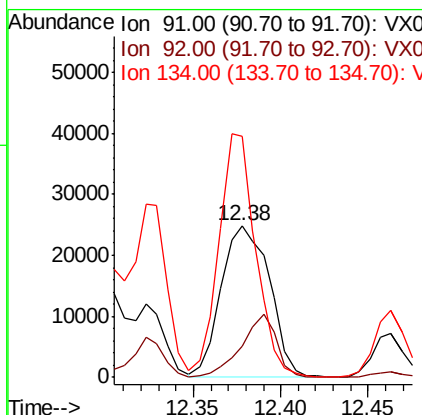
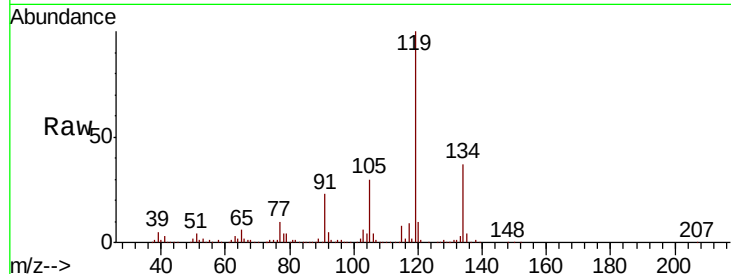




#89
n-Butylbenzene
Concen: 3.49 ug/l
RT: 12.38 min Scan# 1934
Delta R.T. -0.01 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

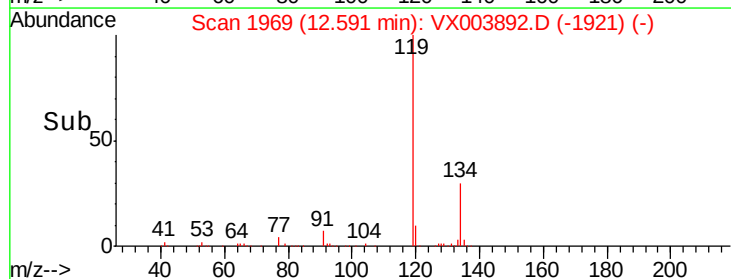
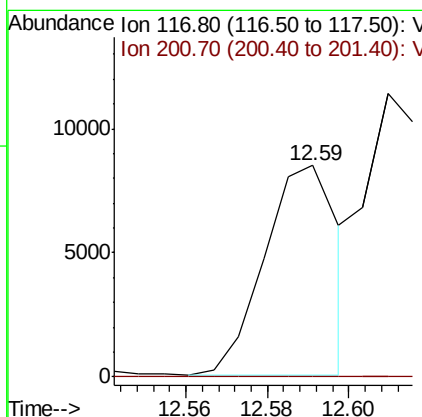
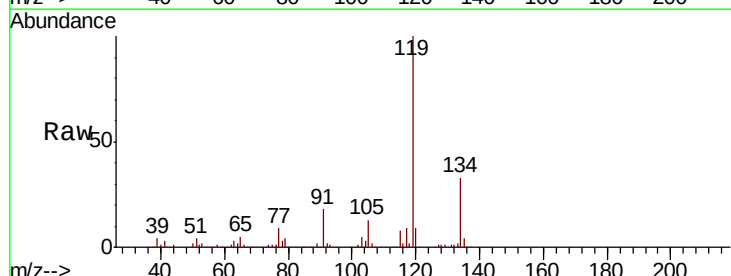
Instrument :
MSVOA_X
ClientSampled :
FL-0532DL

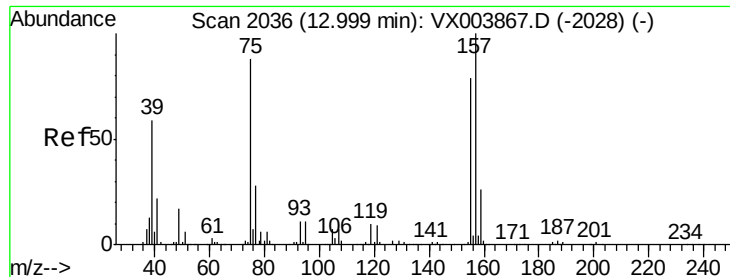
Tot Ion: 91 Resp: 47328
Ion Ratio Lower Upper
91 100
92 31.1 27.1 81.3
134 123.0 13.6 40.7#



#90
Hexachloroethane
Concen: 4.17 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003892.D
Acq: 07 Aug 2018 20:32

Tgt Ion: 117 Resp: 10538
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.82 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampled :

FL-0532DL

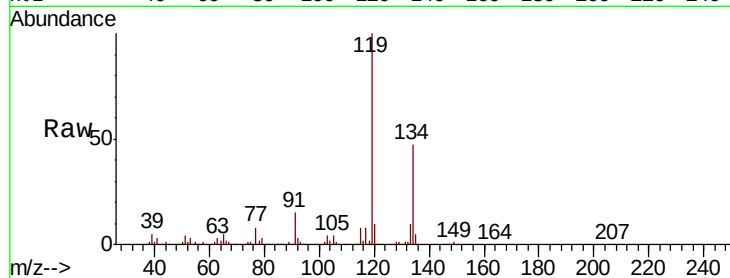
Tot Ion: 75 Resp: 1060

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

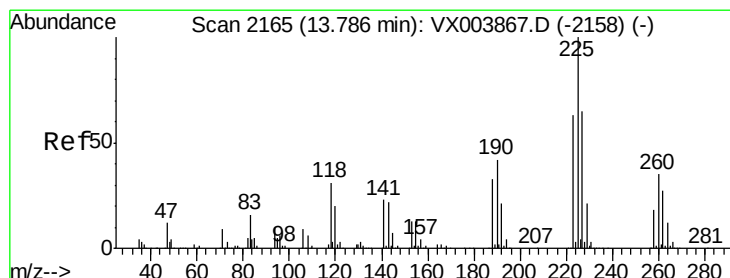
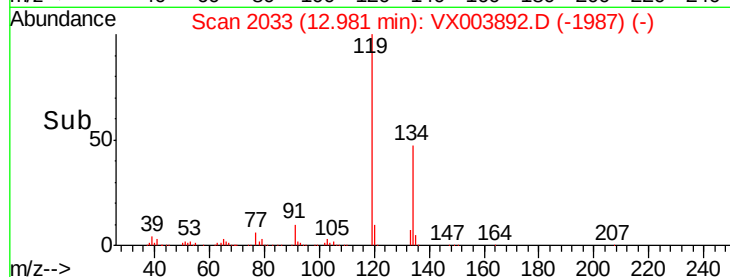
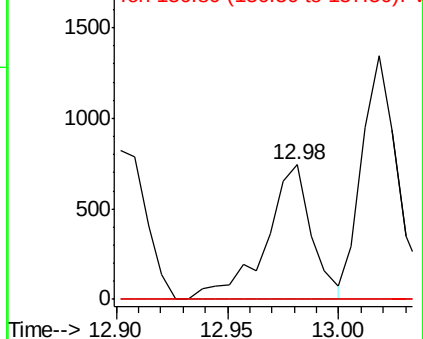
157 0.0 62.6 187.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#94

Hexachlorobutadiene

Concen: 0.53 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

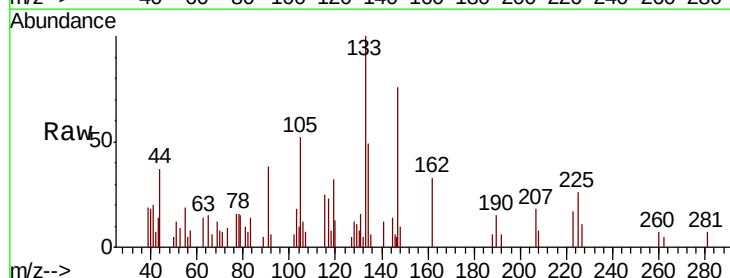
Tgt Ion: 225 Resp: 270

Ion Ratio Lower Upper

225 100

223 70.0 31.4 94.0

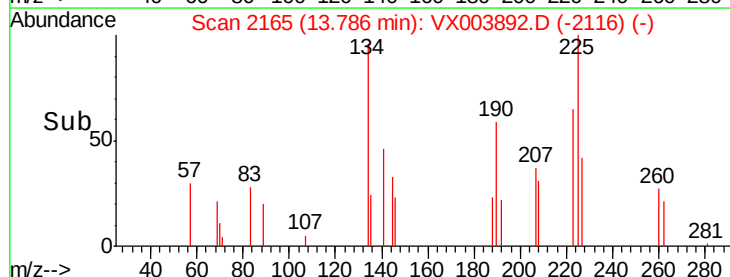
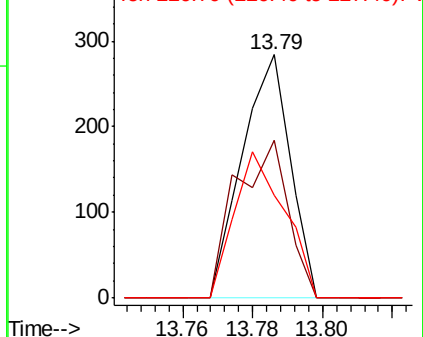
227 63.0 32.1 96.5

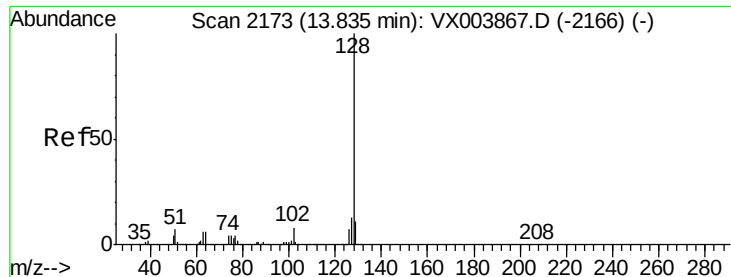


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 6.90 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003892.D

Acq: 07 Aug 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0532DL

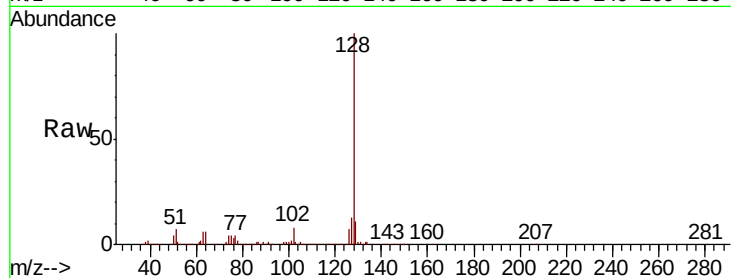
Tot Ion:128 Resp: 127474

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 12.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

