

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003890.D
 Acq On : 07 Aug 2018 19:39
 Operator : JC/MD
 Sample : J4344-10 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0529DL

Quant Time: Aug 08 01:25:22 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	341214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	515239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	477690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	219956	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.51	113	184954	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	8.72	98	731426	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	265553	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1063	0.23	ug/l	94
5) Bromomethane	1.64	94	703	Below	Cal	# 50
13) Acrolein	2.39	56	12080	15.27	ug/l	# 70
14) Allyl chloride	2.84	41	24109	3.41	ug/l	# 66
15) Acrylonitrile	3.17	53	7778	3.00	ug/l	# 46
16) Acetone	2.45	43	2426	0.90	ug/l	99
17) Carbon Disulfide	2.57	76	1342	0.57	ug/l	# 82
18) Methyl Acetate	2.84	43	64307	10.98	ug/l	# 52
20) Methylene Chloride	2.85	84	2834	Below	Cal	# 65
29) Tetrahydrofuran	5.20	42	770	0.37	ug/l	# 31
31) Cyclohexane	5.57	56	235614	36.14	ug/l	97
36) 1,1-Dichloropropene	5.67	75	23657	4.10	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	30041	5.47	ug/l	# 15
39) Methylcyclohexane	7.46	83	171141	25.15	ug/l	99
43) Isopropyl Acetate	6.45	43	3536	0.37	ug/l	# 60
45) 1,2-Dichloropropane	7.46	63	2016	0.45	ug/l	# 1
48) Methyl methacrylate	7.73	41	12042	2.48	ug/l	# 52
56) Ethyl methacrylate	9.16	69	2079	0.32	ug/l	# 1
67) Ethyl Benzene	10.26	91	420448	20.66	ug/l	98
68) m/p-Xylenes	10.36	106	295712	37.19	ug/l	97
69) o-Xylene	10.70	106	14409	1.92	ug/l	93
73) Isopropylbenzene	11.02	105	135650	7.30	ug/l	96
74) N-ethyl acetate	6.45	43	3536	0.37	ug/l	# 55
76) 1,2,3-Trichloropropane	11.43	75	6360	1.15	ug/l	# 1
78) n-propylbenzene	11.36	91	137197	6.57	ug/l	99
79) 2-Chlorotoluene	11.44	91	88085	6.92	ug/l	# 40
80) 1,3,5-Trimethylbenzene	11.51	105	321353	21.20	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	128751	62.52	ug/l	# 9
82) 4-Chlorotoluene	11.51	91	33193	2.23	ug/l	# 45
83) tert-Butylbenzene	11.81	119	129257	8.67	ug/l	# 59
84) 1,2,4-Trimethylbenzene	11.81	105	1016728	66.70	ug/l	100
85) sec-Butylbenzene	11.95	105	47604	2.70	ug/l	88
86) p-Isopropyltoluene	12.07	119	26082	1.65	ug/l	95
88) 1,4-Dichlorobenzene	12.02	146	439	Below	Cal	88

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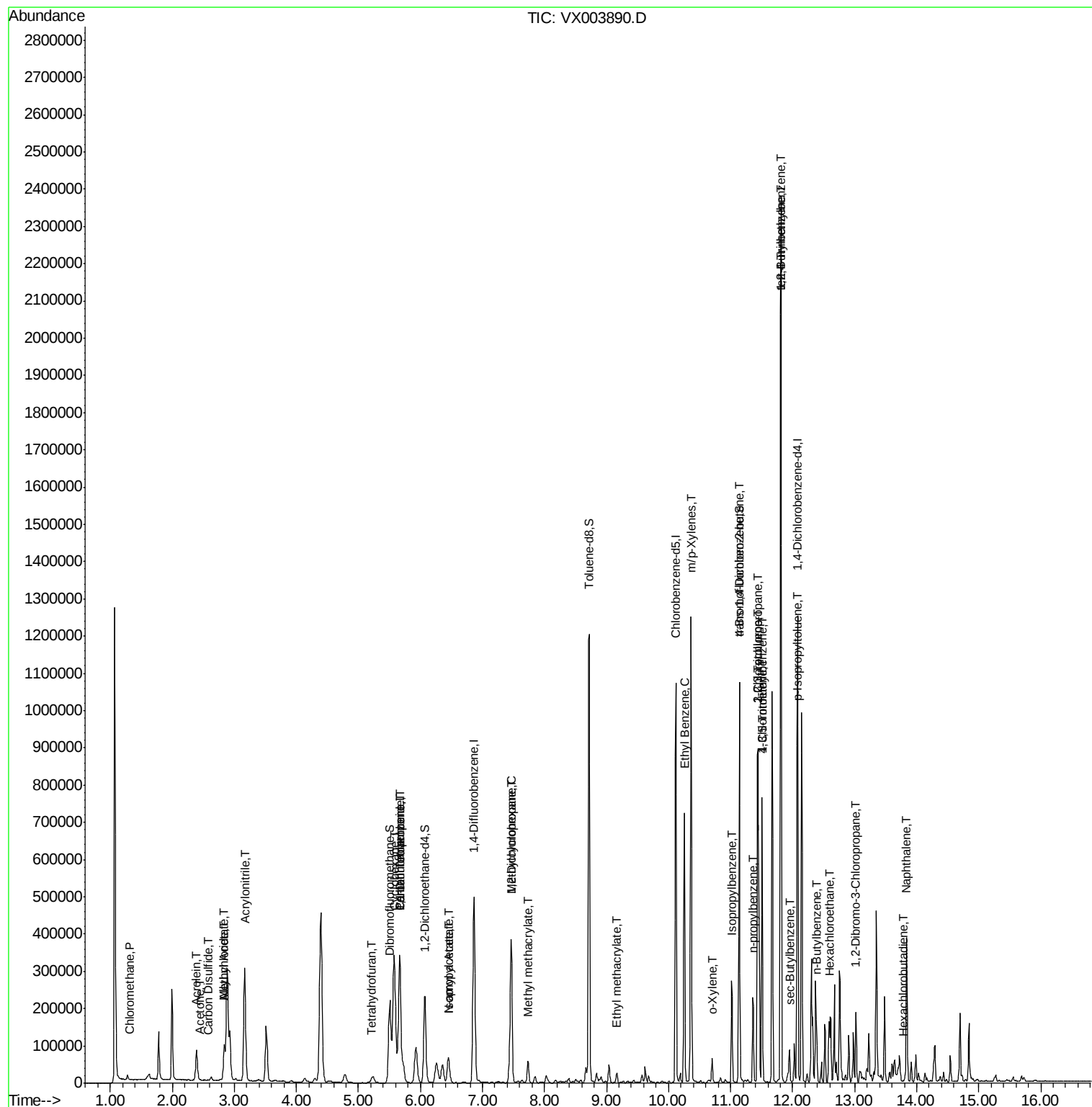
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	46219	3.36	ug/l #	32
90) Hexachloroethane	12.58	117	8057	3.14	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	13.02	75	704	0.54	ug/l #	1
94) Hexachlorobutadiene	13.79	225	282	0.53	ug/l	82
95) Naphthalene	13.83	128	241867	12.92	ug/l	99

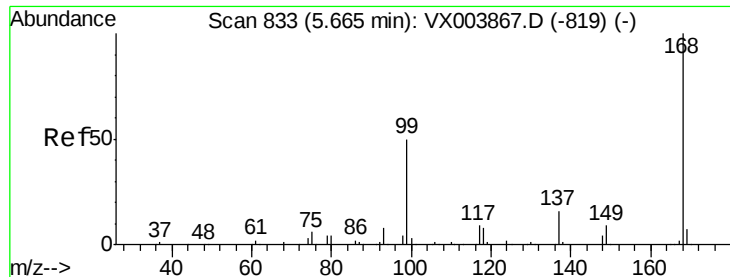
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003890.D

Acq: 07 Aug 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

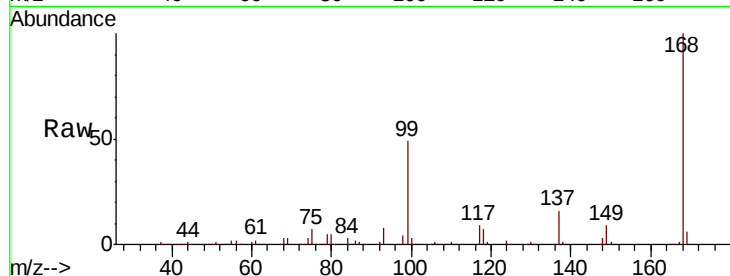
FL-0529DL

Tot Ion:168 Resp: 341214

Ion Ratio Lower Upper

168 100

99 49.0 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

150000

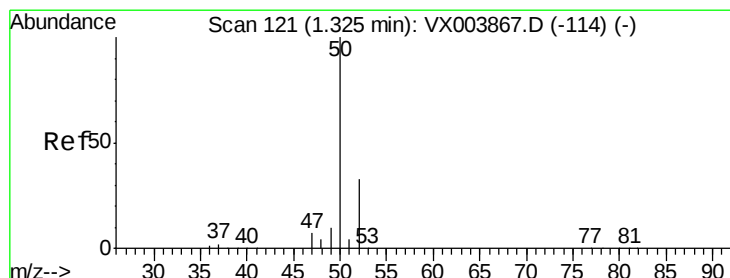
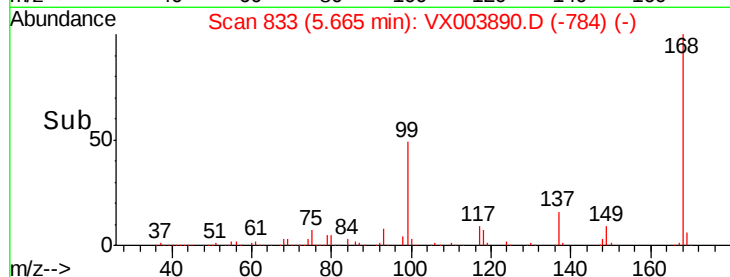
100000

50000

0

Time-->

5.60 5.70 5.80



#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003890.D

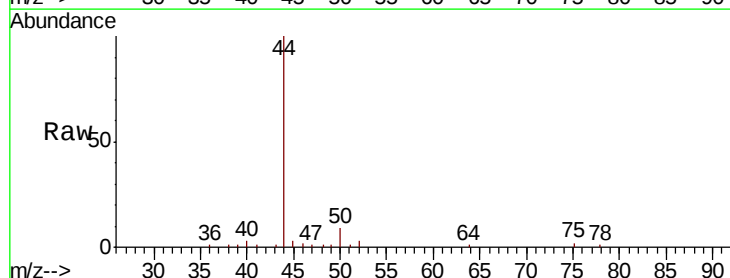
Acq: 07 Aug 2018 19:39

Tgt Ion: 50 Resp: 1063

Ion Ratio Lower Upper

50 100

52 36.8 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

600

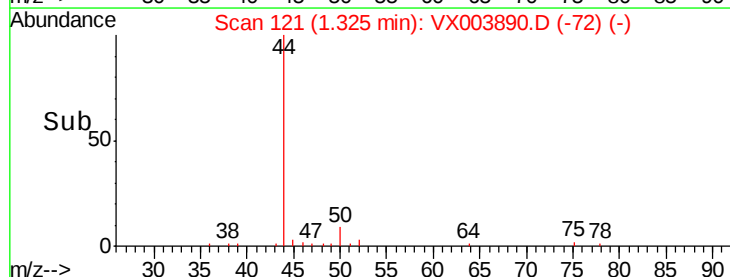
400

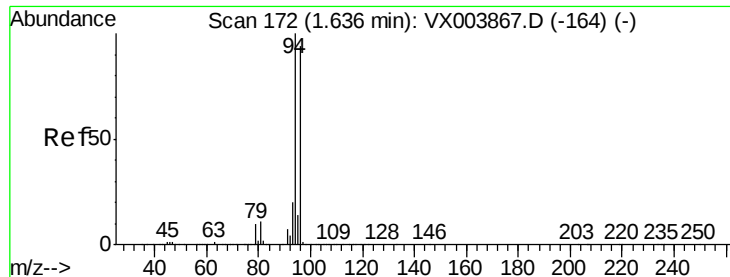
200

0

Time-->

1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

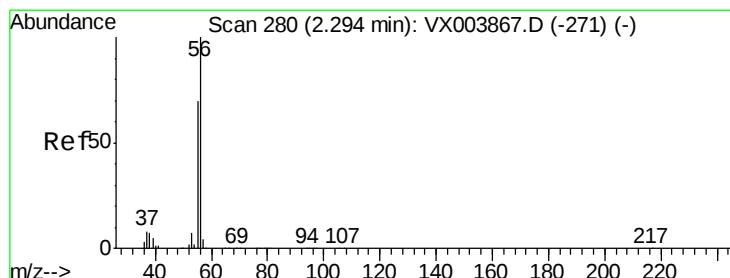
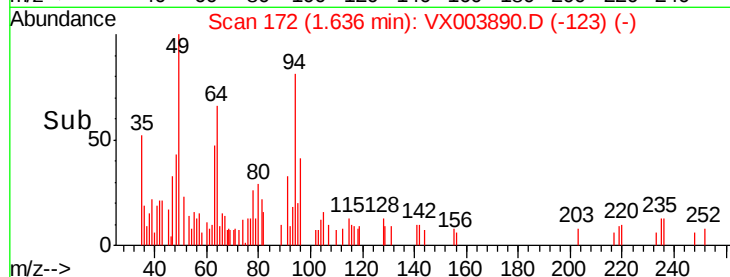
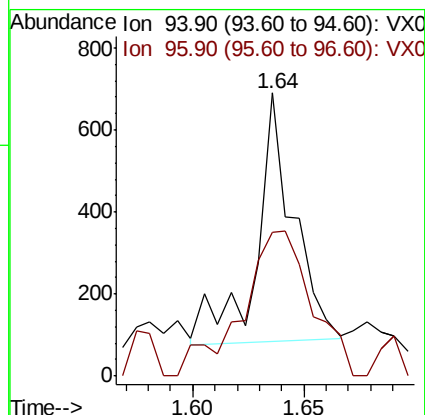
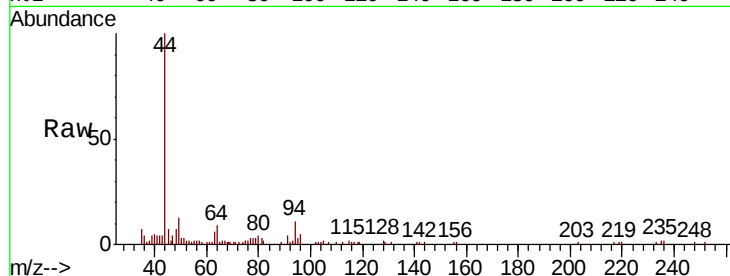
FL-0529DL

Tot Ion: 94 Resp: 703

Ion Ratio Lower Upper

94 100

96 45.8 75.2 112.8#



#13

Acrolein

Concen: 15.27 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.10 min

Lab File: VX003890.D

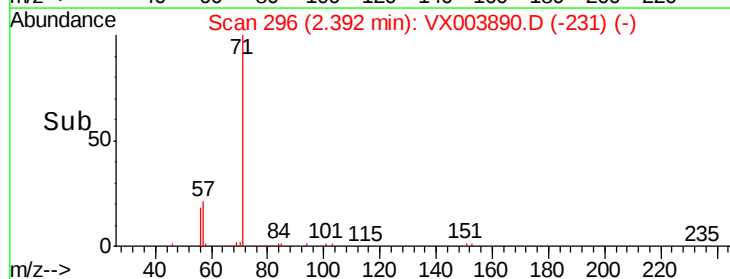
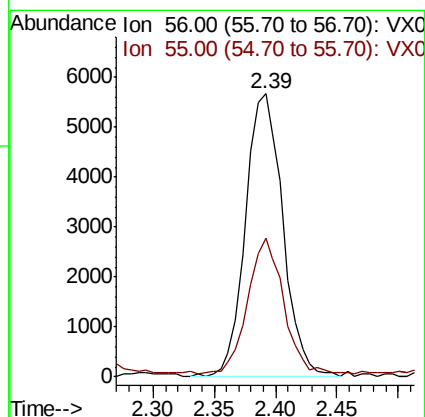
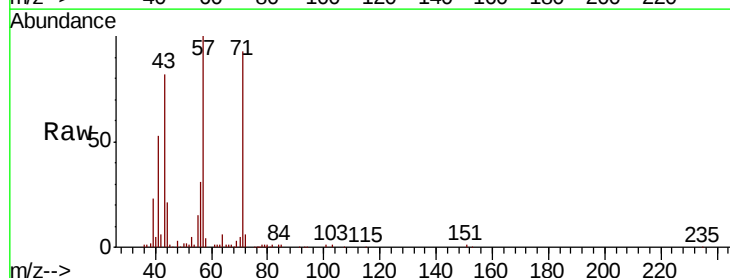
Acq: 07 Aug 2018 19:39

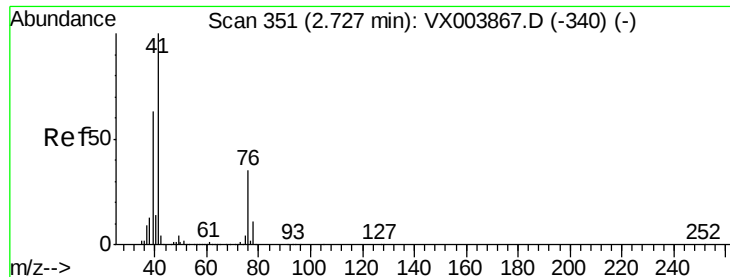
Tgt Ion: 56 Resp: 12080

Ion Ratio Lower Upper

56 100

55 45.3 56.1 84.1#





#14

Allvl chloride

Concen: 3.41 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

FL-0529DL

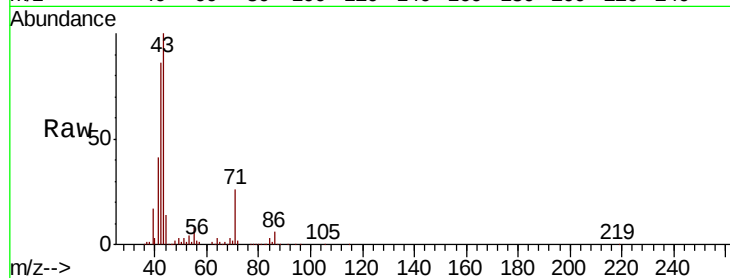
Tot Ion: 41 Resp: 24109

Ion Ratio Lower Upper

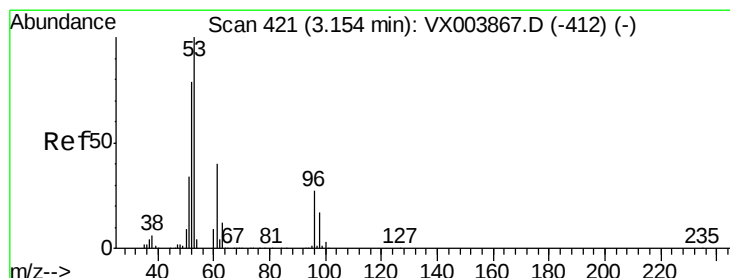
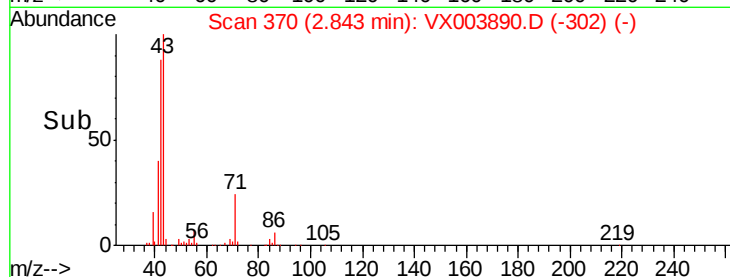
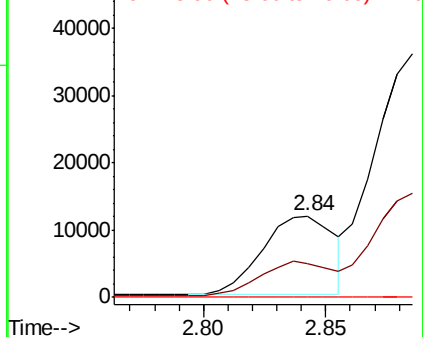
41 100

39 43.4 47.4 71.0#

76 0.0 26.0 39.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 3.00 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

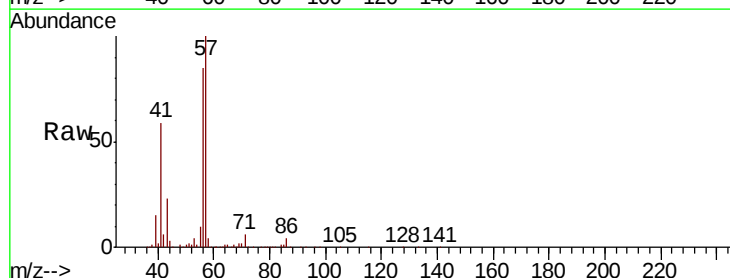
Tgt Ion: 53 Resp: 7778

Ion Ratio Lower Upper

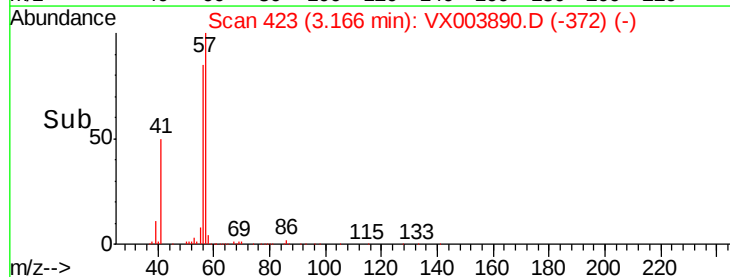
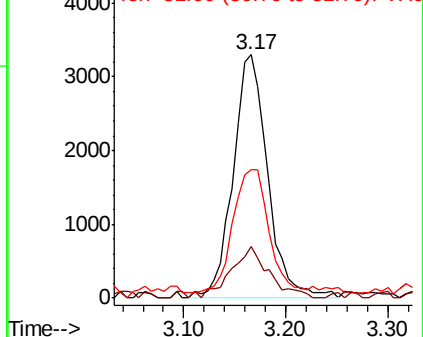
53 100

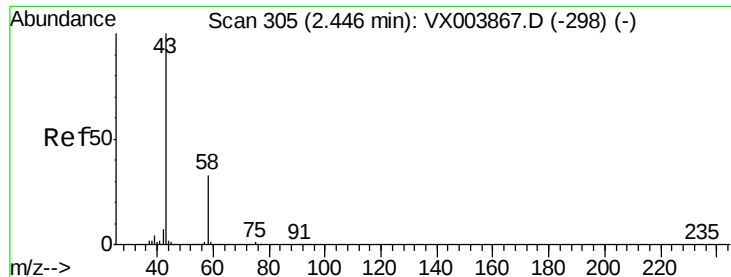
52 23.5 65.3 97.9#

51 51.9 27.9 41.9#



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: 0.90 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

Instrument :

MSVOA_X

ClientSampled :

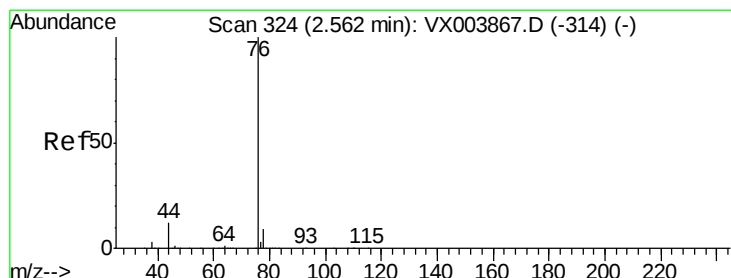
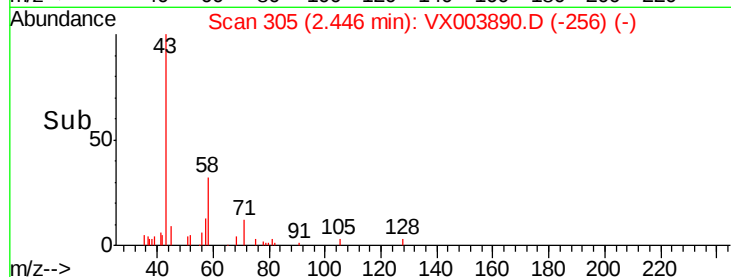
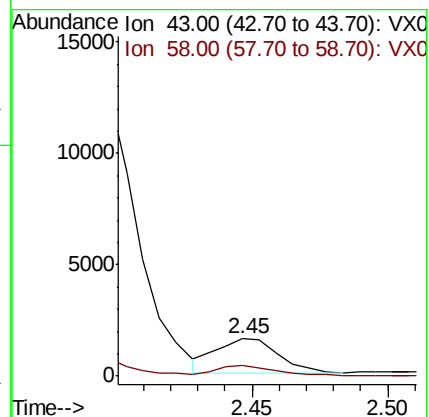
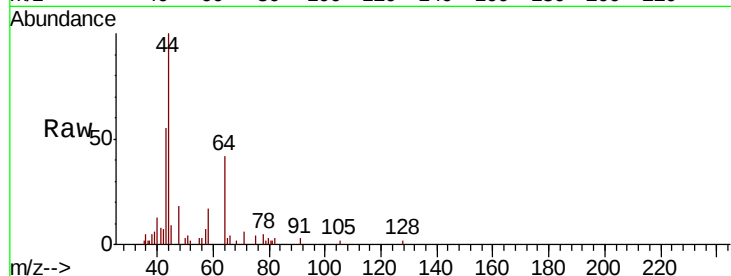
FL-0529DL

Tot Ion: 43 Resp: 2426

Ion Ratio Lower Upper

43 100

58 33.4 26.4 39.6



#17

Carbon Disulfide

Concen: 0.57 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003890.D

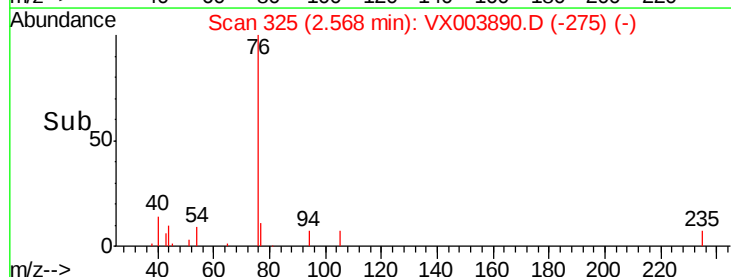
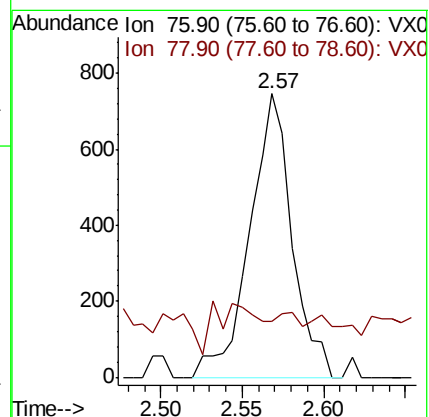
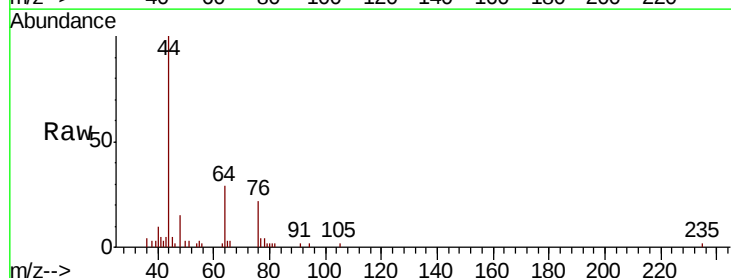
Acq: 07 Aug 2018 19:39

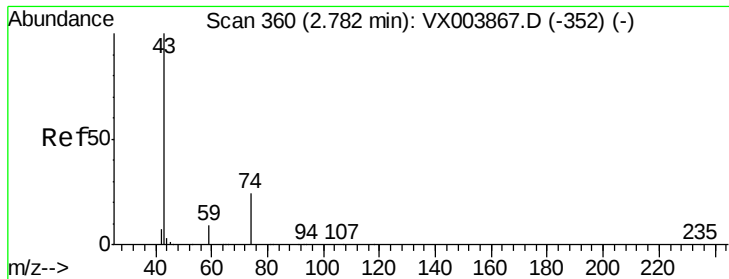
Tgt Ion: 76 Resp: 1342

Ion Ratio Lower Upper

76 100

78 2.7 7.5 11.3#

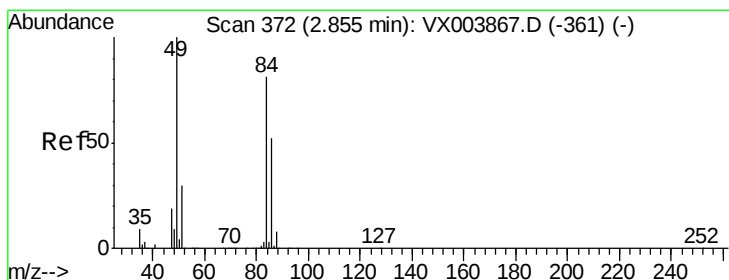
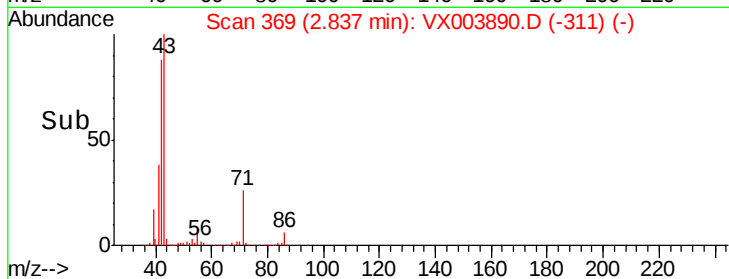
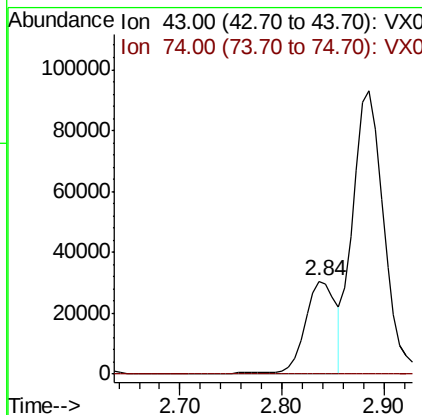
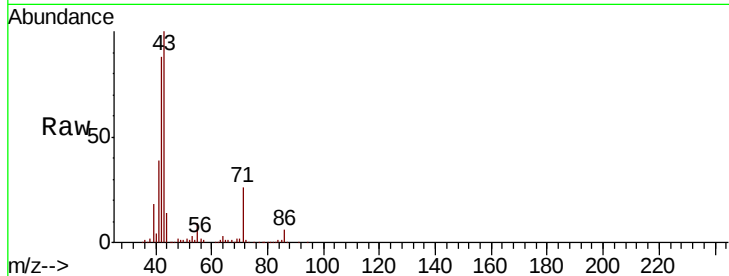




#18
Methyl Acetate
Concen: 10.98 ug/l
RT: 2.84 min Scan# 369
Delta R.T. 0.05 min
Lab File: VX003890.D
Acq: 07 Aug 2018 19:39

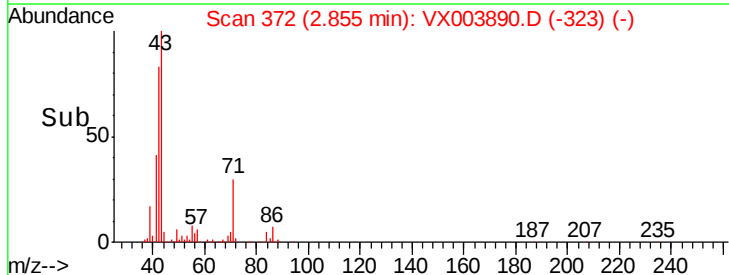
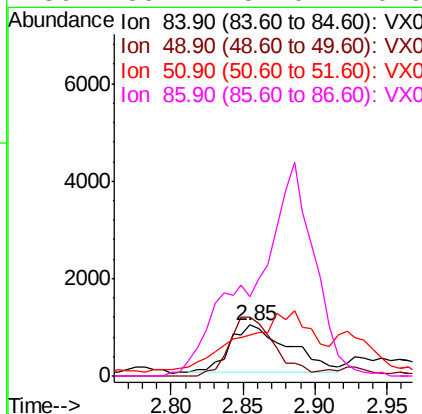
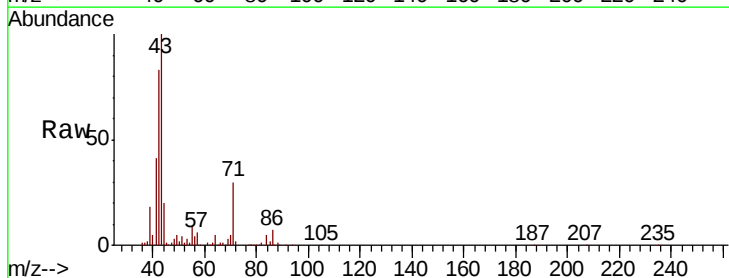
Instrument :
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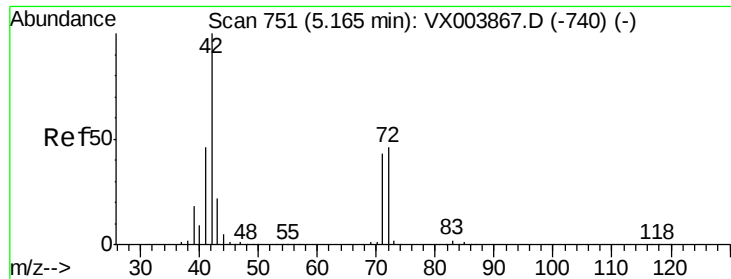
Tot Ion: 43 Resp: 64307
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003890.D
Acq: 07 Aug 2018 19:39

Tgt Ion: 84 Resp: 2834
Ion Ratio Lower Upper
84 100
49 124.6 98.9 148.3
51 67.3 29.9 44.9#
86 135.4 51.0 76.6#

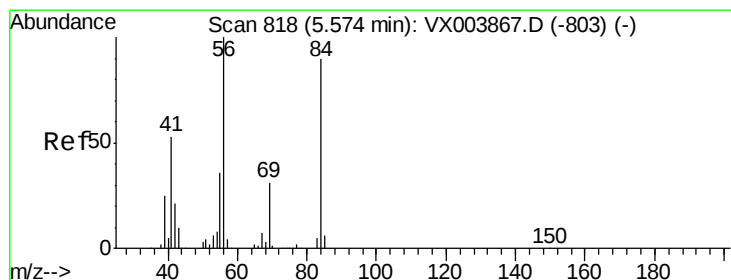
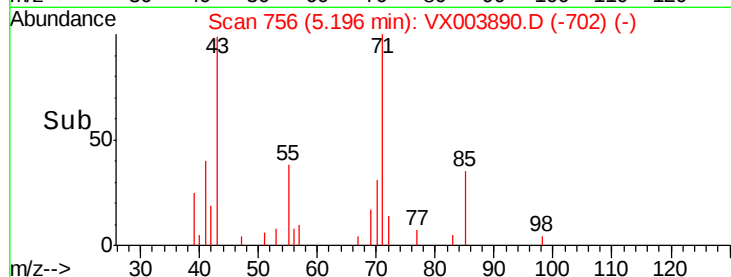
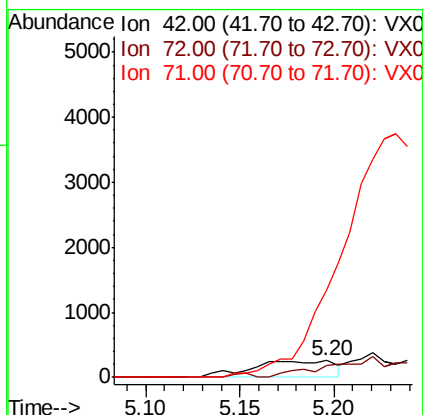
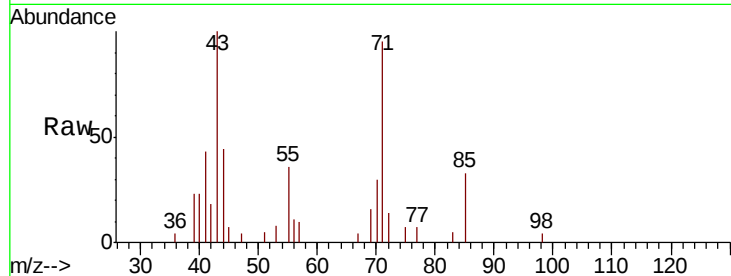




#29
Tetrahydrofuran
Concen: 0.37 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.03 min
Lab File: VX003890.D
Acq: 07 Aug 2018 19:39

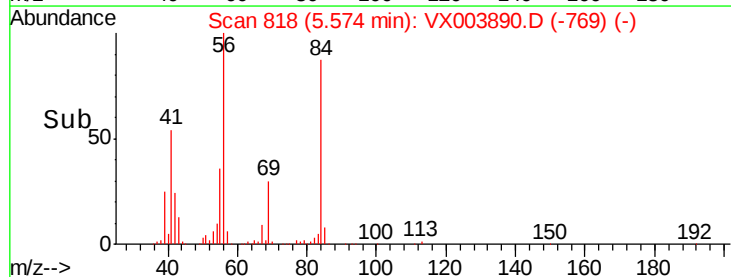
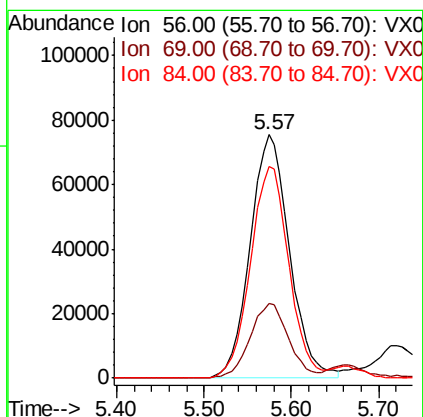
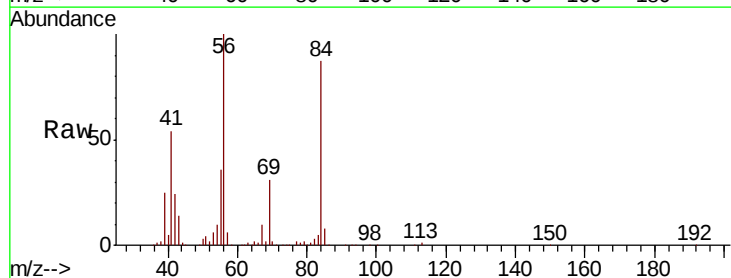
Instrument :
MSVOA_X
ClientSampleId :
FL-0529DL

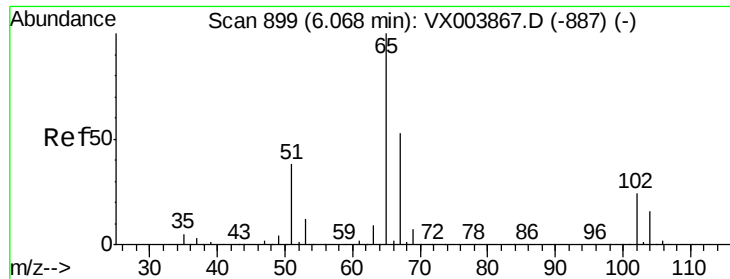
Tot Ion: 42 Resp: 770
Ion Ratio Lower Upper
42 100
72 0.0 37.7 56.5#
71 0.0 35.0 52.6#



#31
Cyclohexane
Concen: 36.14 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003890.D
Acq: 07 Aug 2018 19:39

Tgt Ion: 56 Resp: 235614
Ion Ratio Lower Upper
56 100
69 30.4 24.9 37.3
84 86.8 71.7 107.5

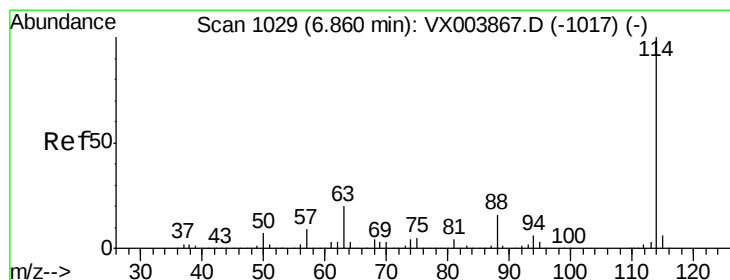
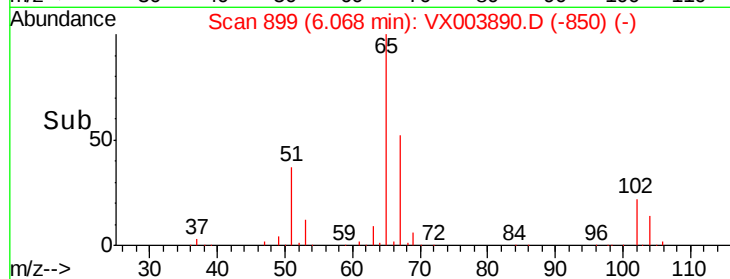
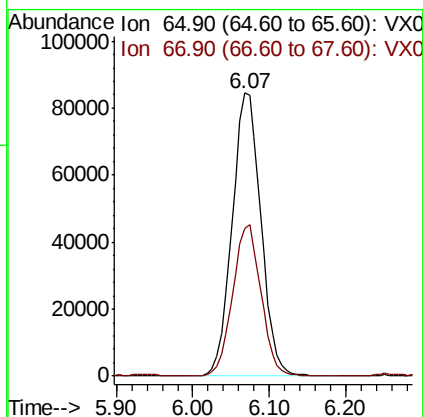
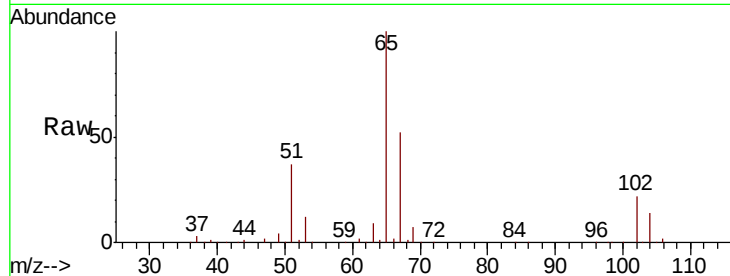




#33
 1,2-Dichloroethane-d4
 Concen: 48.63 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003890.D
 Acq: 07 Aug 2018 19:39

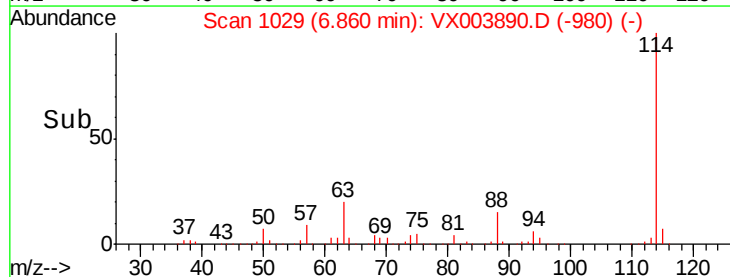
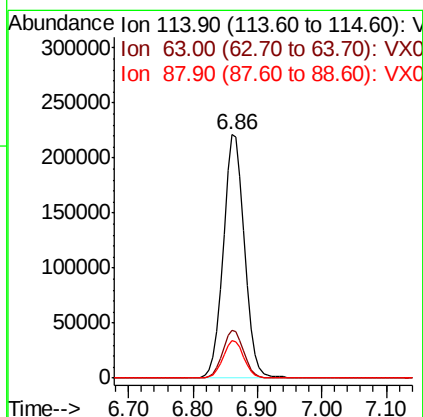
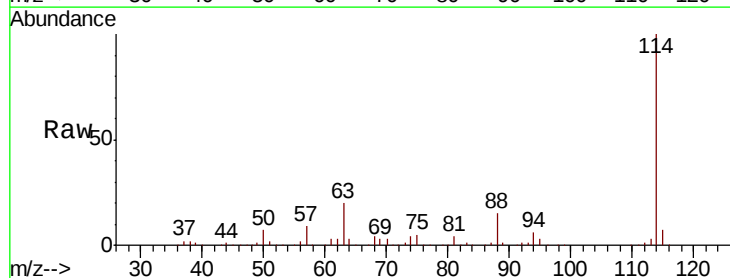
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0529DL

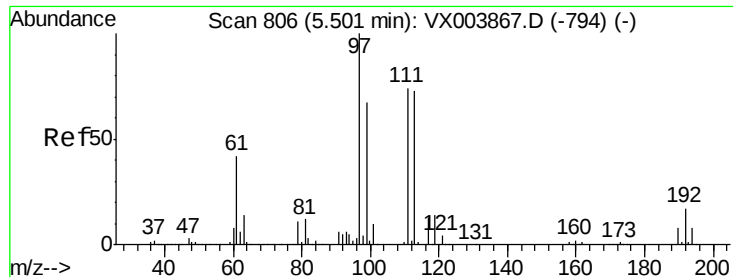
Tot Ion: 65 Resp: 219956
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003890.D
 Acq: 07 Aug 2018 19:39

Tgt Ion: 114 Resp: 515239
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.3 0.0 32.0

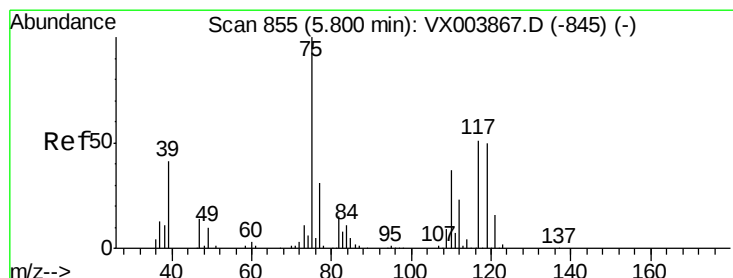
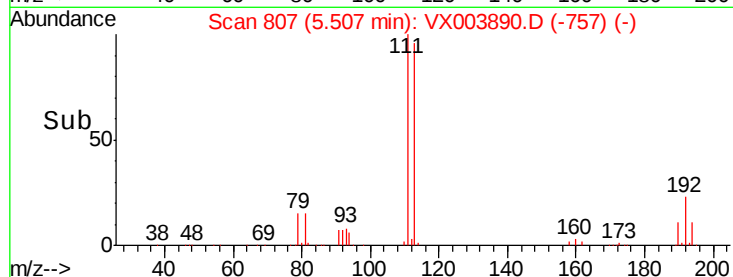
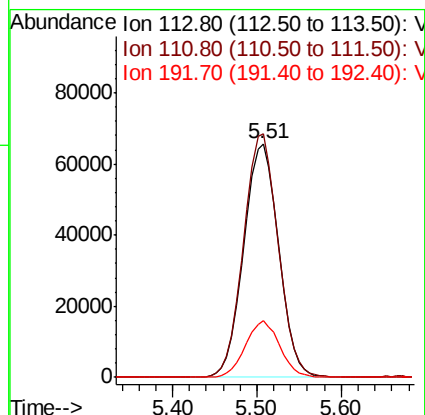
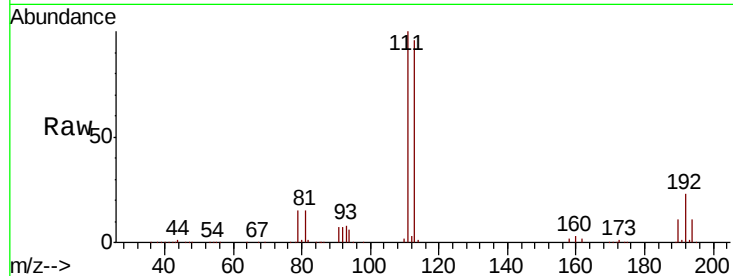




#35
 Dibromofluoromethane
 Concen: 47.38 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003890.D
 Acq: 07 Aug 2018 19:39

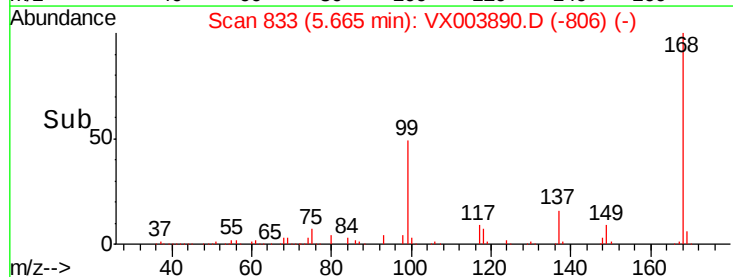
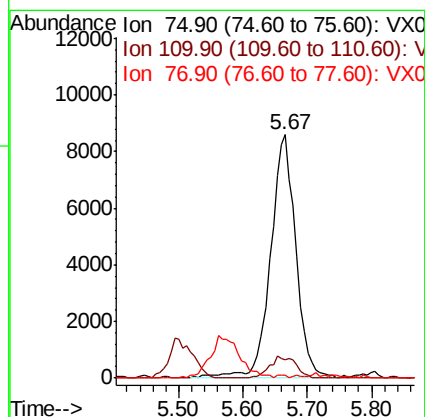
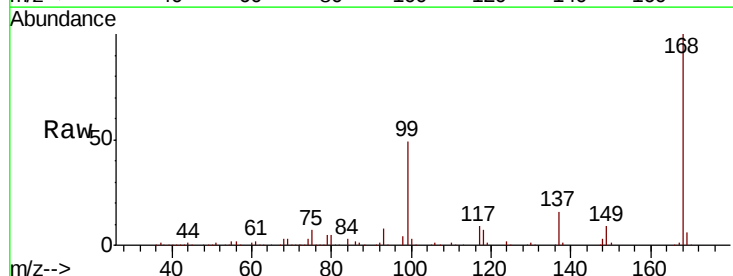
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0529DL

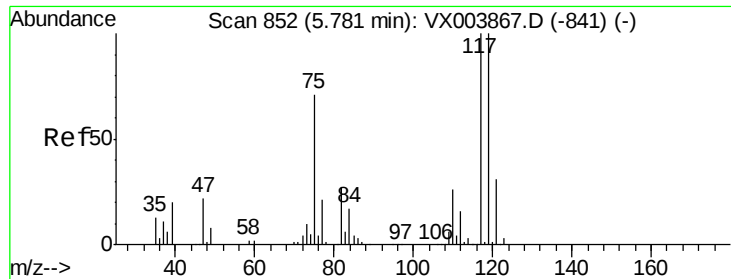
Tot Ion:113 Resp: 184954
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.0 123.0
 192 23.9 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 4.10 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003890.D
 Acq: 07 Aug 2018 19:39

Tgt Ion: 75 Resp: 23657
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.2 54.6#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.47 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

FL-0529DL

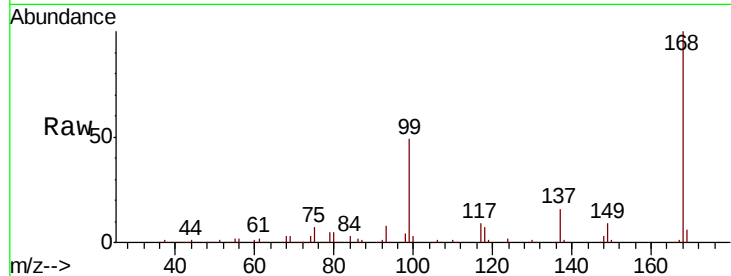
Tot Ion:117 Resp: 30041

Ion Ratio Lower Upper

117 100

119 5.7 79.5 119.3#

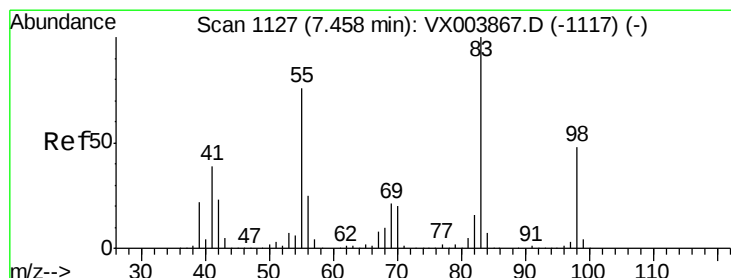
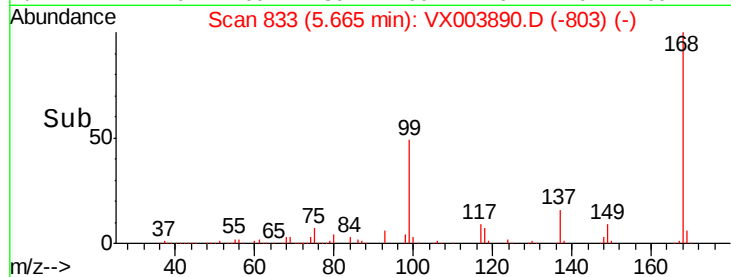
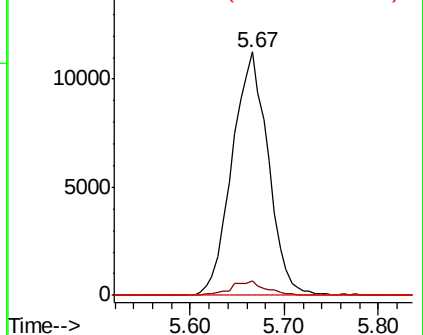
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 25.15 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

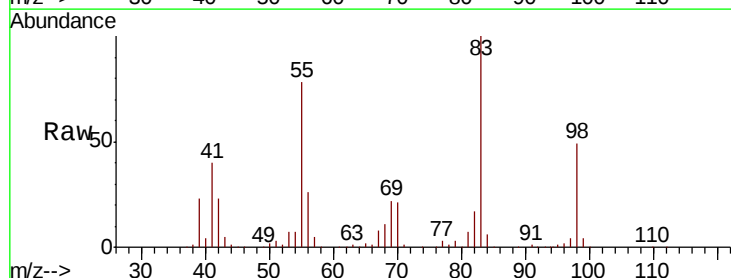
Tgt Ion: 83 Resp: 171141

Ion Ratio Lower Upper

83 100

55 77.6 61.0 91.6

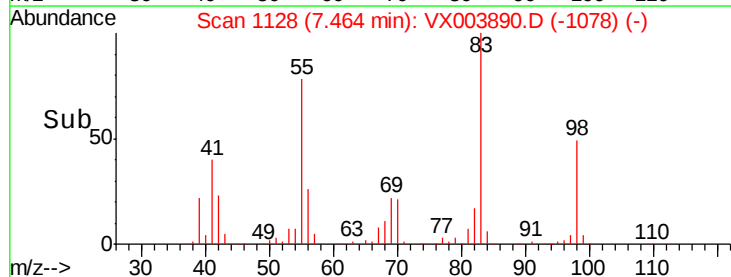
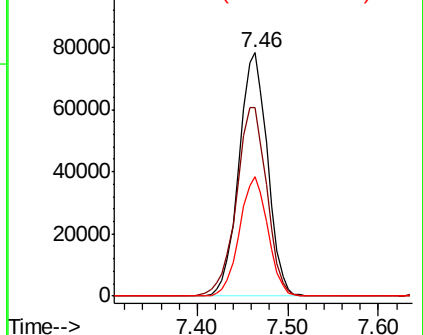
98 49.2 38.6 57.8

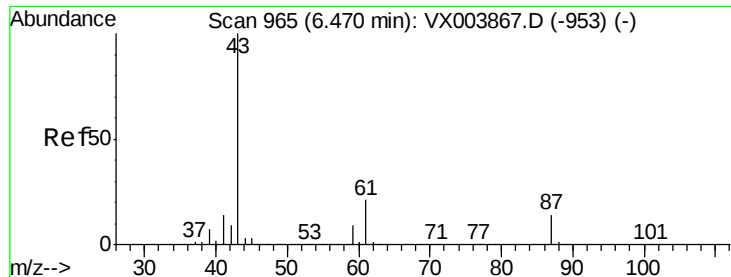


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 0.37 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

Instrument :

MSVOA_X

ClientSampleID :

FL-0529DL

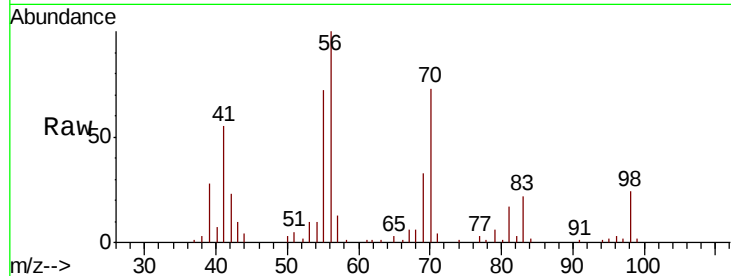
Tot Ion: 43 Resp: 3536

Ion Ratio Lower Upper

43 100

61 0.7 16.9 25.3#

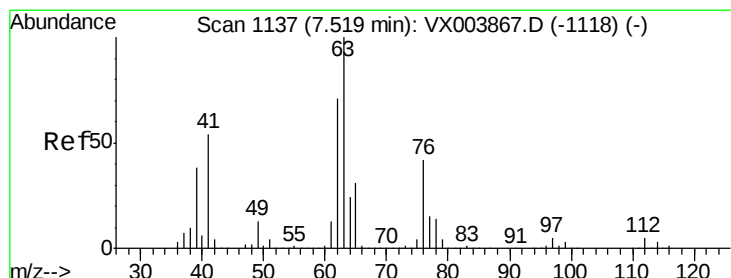
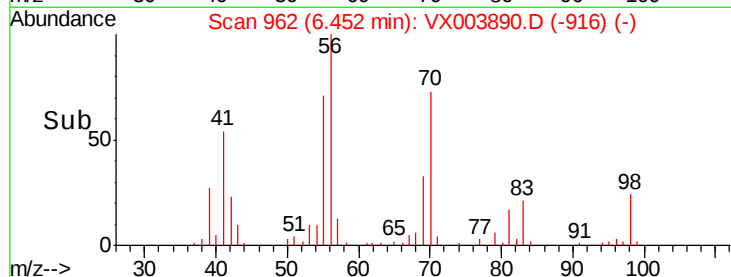
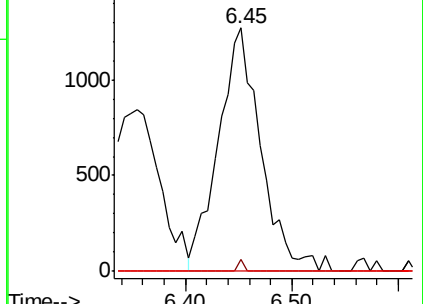
87 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 0.45 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.06 min

Lab File: VX003890.D

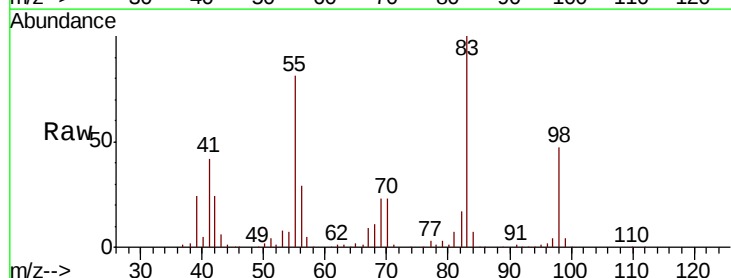
Acq: 07 Aug 2018 19:39

Tgt Ion: 63 Resp: 2016

Ion Ratio Lower Upper

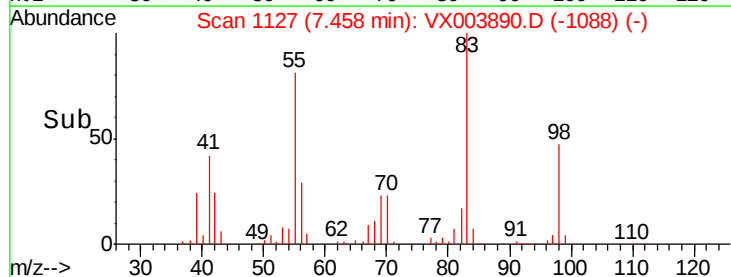
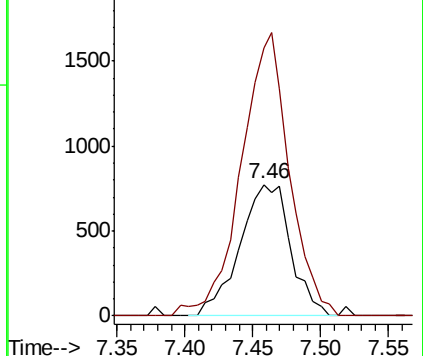
63 100

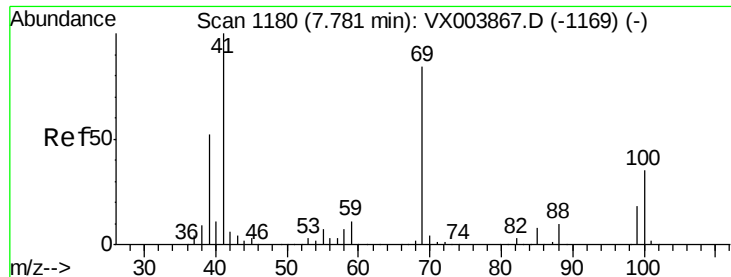
65 204.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

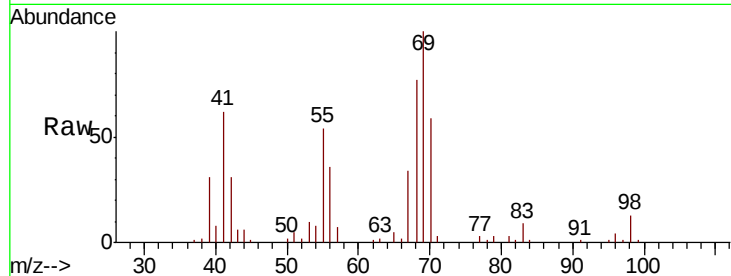




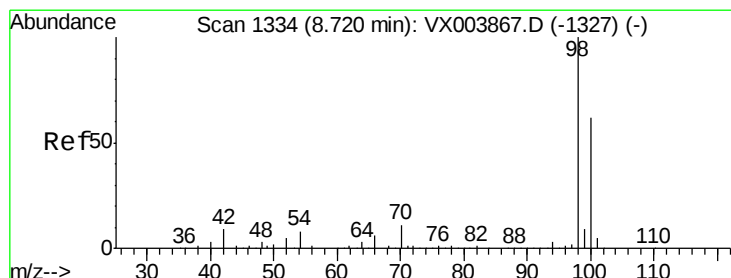
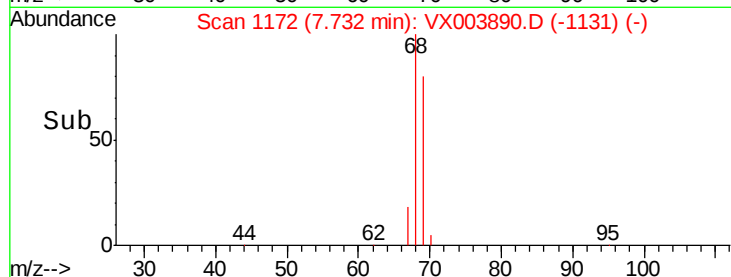
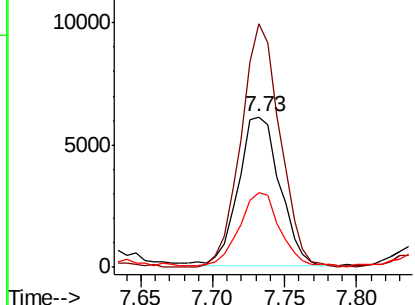
#48
Methyl methacrylate
Concen: 2.48 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX003890.D
Acq: 07 Aug 2018 19:39

Instrument :
MSVOA_X
ClientSampleID :
FL-0529DL

Tot Ion: 41 Resp: 12042
Ion Ratio Lower Upper
41 100
69 155.7 68.8 103.2#
39 51.4 42.3 63.5

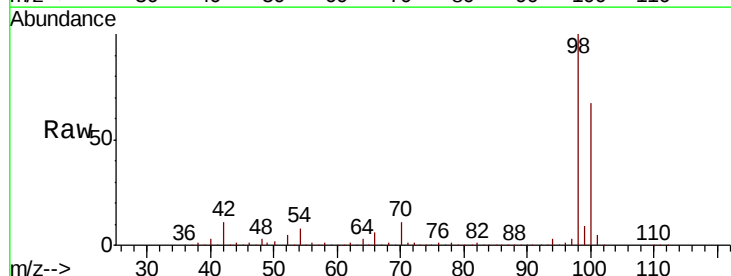


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

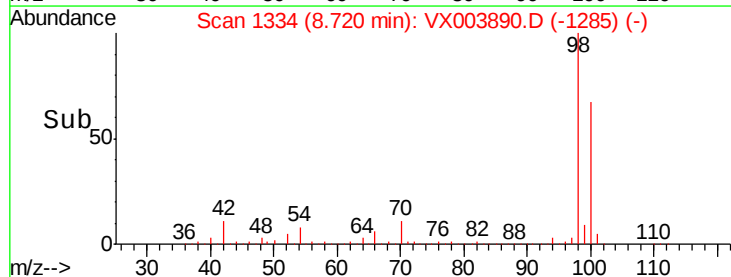
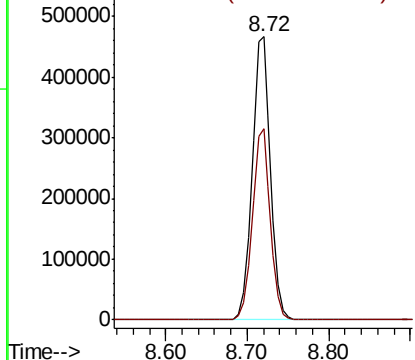


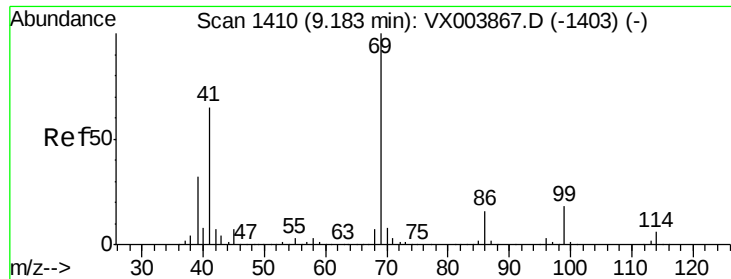
#50
Toluene-d8
Concen: 48.19 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003890.D
Acq: 07 Aug 2018 19:39

Tgt Ion: 98 Resp: 731426
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



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





#56

Ethyl methacrylate

Concen: 0.32 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

FL-0529DL

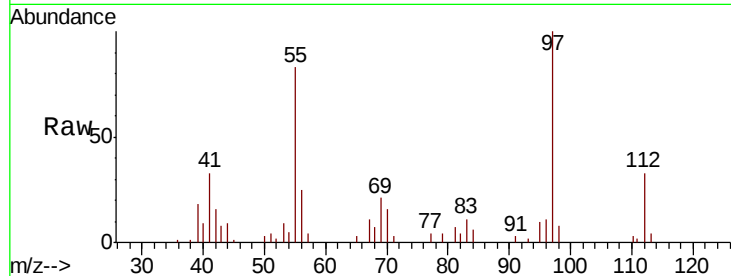
Tot Ion: 69 Resp: 2079

Ion Ratio Lower Upper

69 100

41 166.0 50.6 76.0#

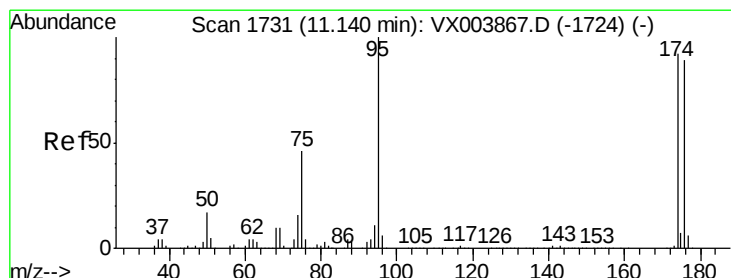
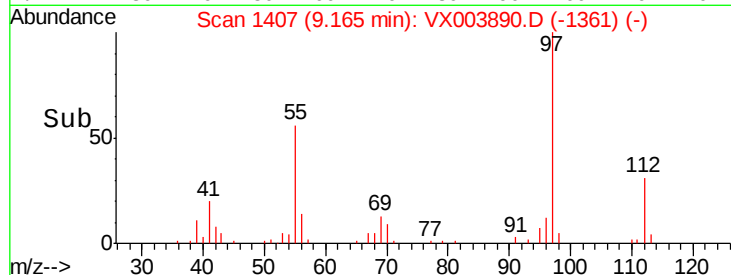
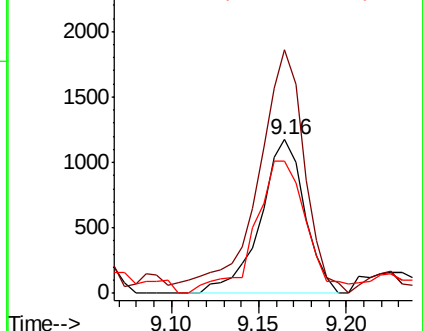
39 99.6 25.8 38.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.07 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

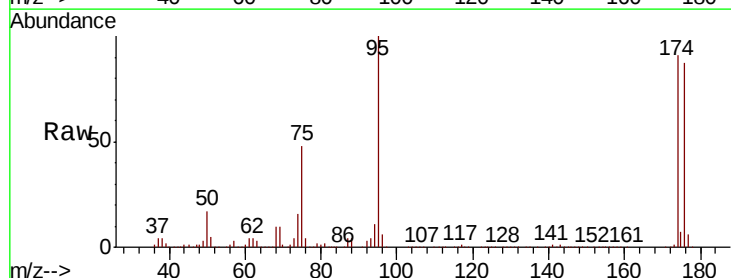
Tgt Ion: 95 Resp: 265553

Ion Ratio Lower Upper

95 100

174 90.4 0.0 182.8

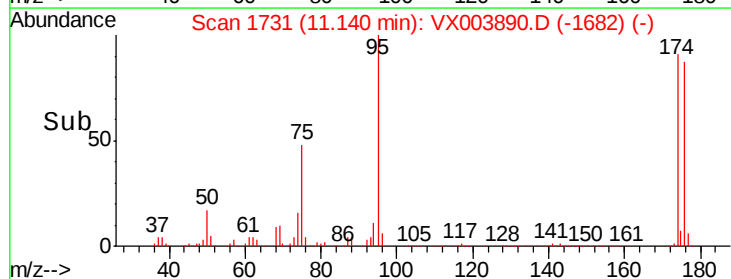
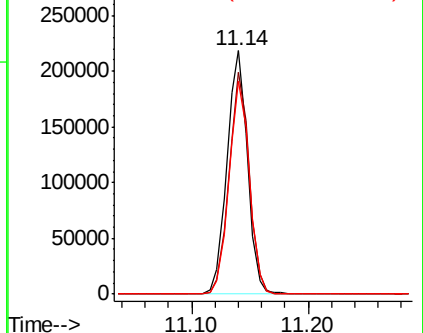
176 87.7 0.0 179.0

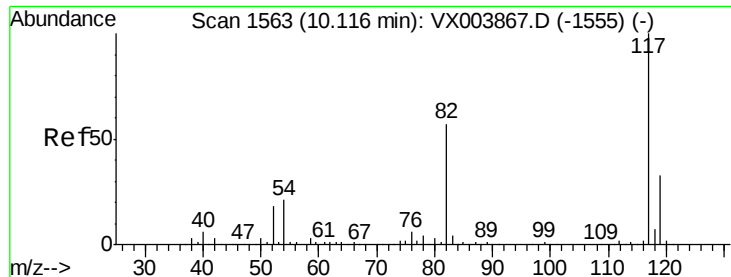


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

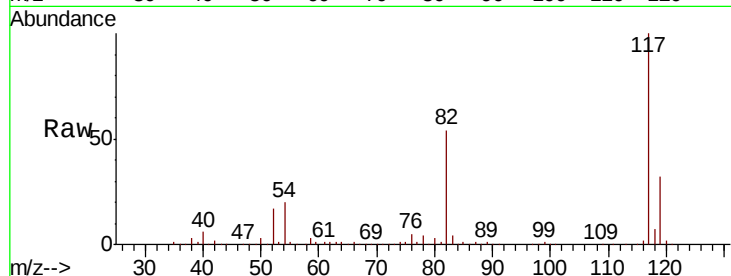




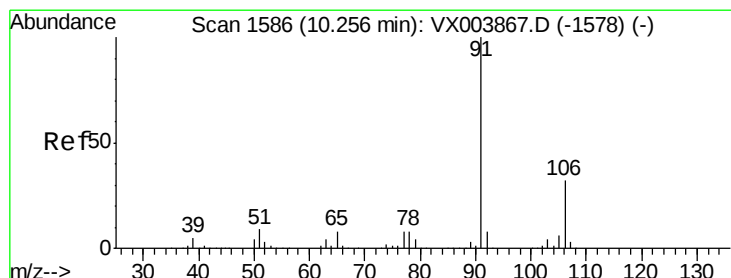
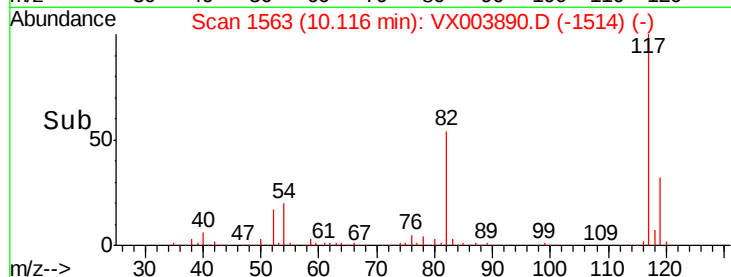
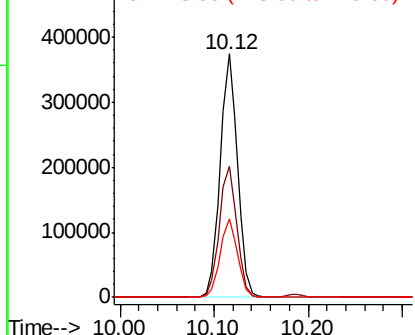
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003890.D
Acq: 07 Aug 2018 19:39

Instrument :
MSVOA_X
ClientSampled :
FL-0529DL

Tot Ion:117 Resp: 477690
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.0
119 32.0 26.6 40.0

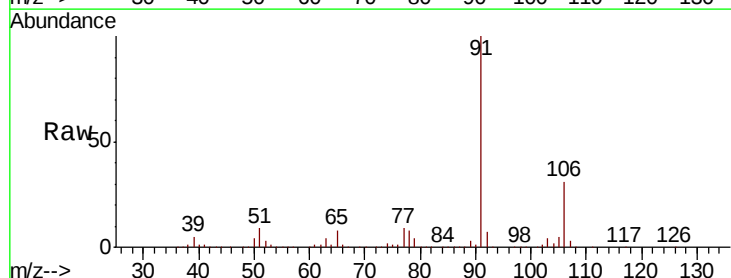


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

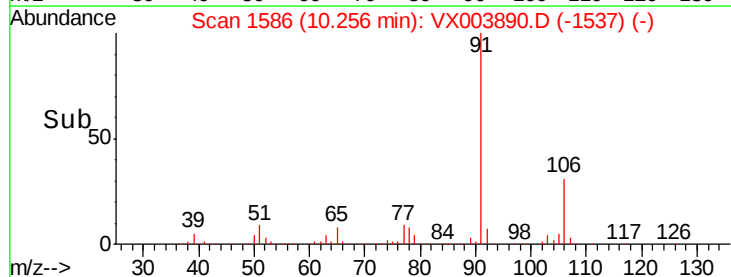
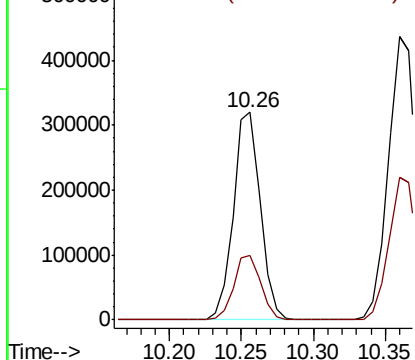


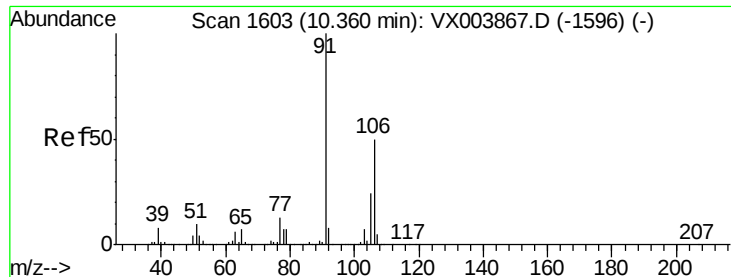
#67
Ethyl Benzene
Concen: 20.66 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003890.D
Acq: 07 Aug 2018 19:39

Tgt Ion: 91 Resp: 420448
Ion Ratio Lower Upper
91 100
106 31.3 25.9 38.9



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

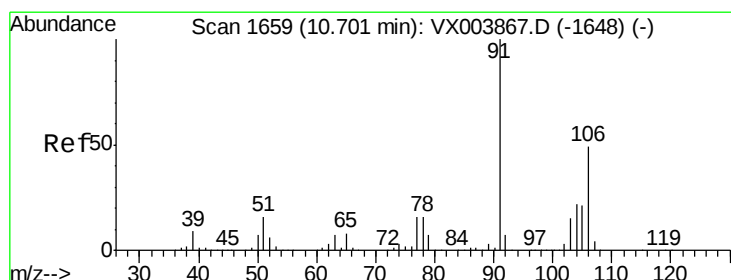
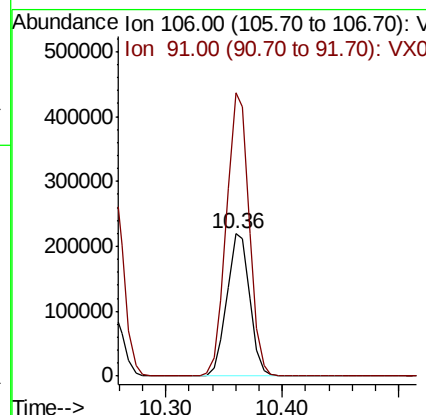
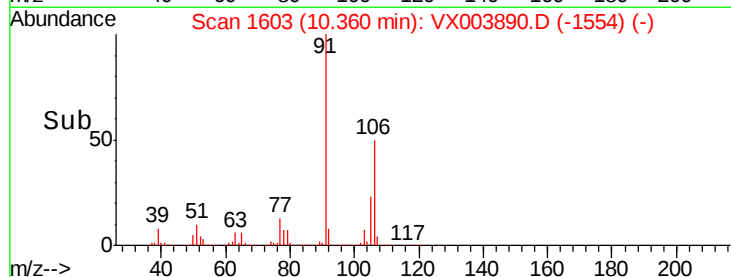
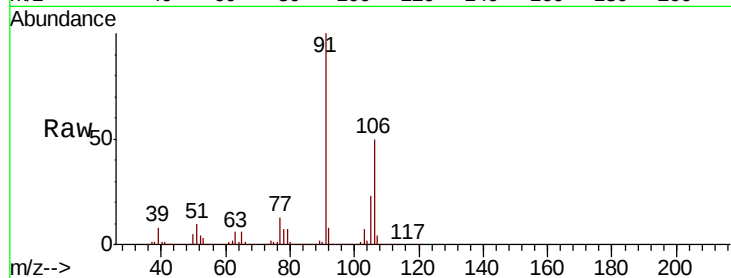




#68
m/p-Xvlenes
Concen: 37.19 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003890.D
Acq: 07 Aug 2018 19:39

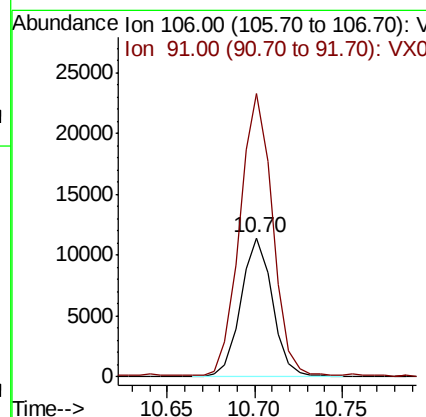
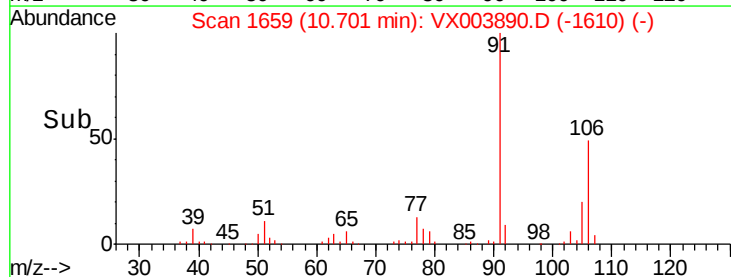
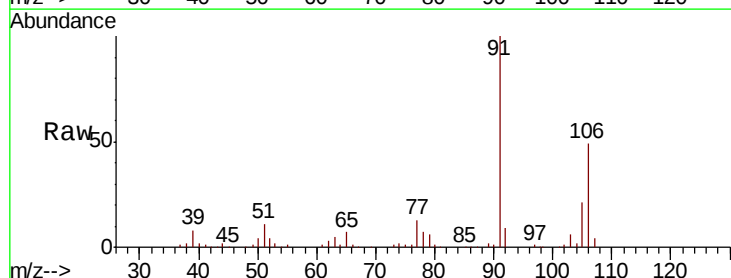
Instrument :
MSVOA_X
ClientSampled :
FL-0529DL

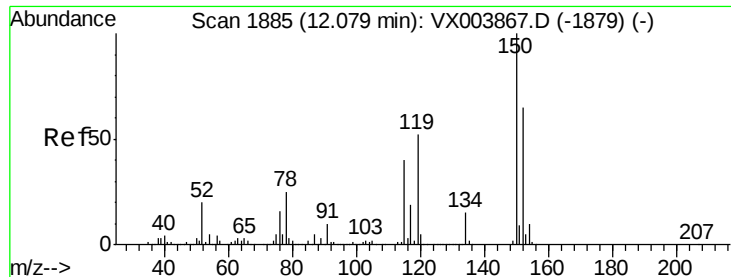
Tot Ion:106 Resp: 295712
Ion Ratio Lower Upper
106 100
91 199.0 162.3 243.5



#69
o-Xylene
Concen: 1.92 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003890.D
Acq: 07 Aug 2018 19:39

Tgt Ion:106 Resp: 14409
Ion Ratio Lower Upper
106 100
91 214.8 101.9 305.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

FL-0529DL

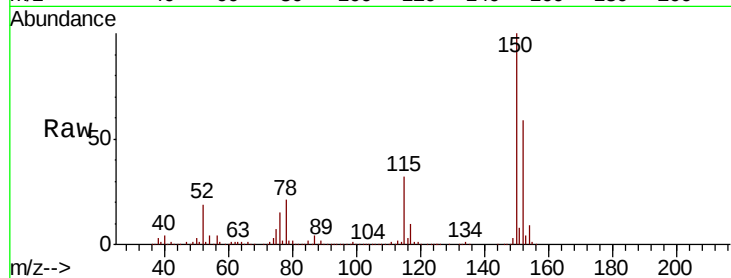
Tot Ion:152 Resp: 251318

Ion Ratio Lower Upper

152 100

115 56.7 39.1 117.3

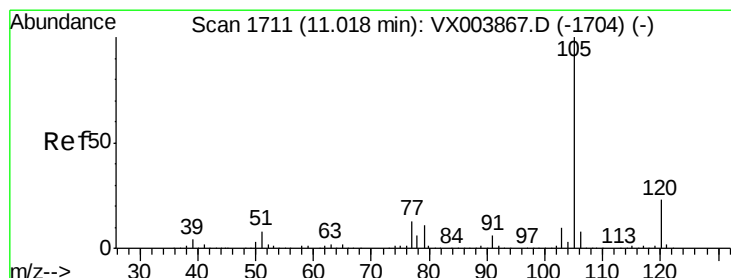
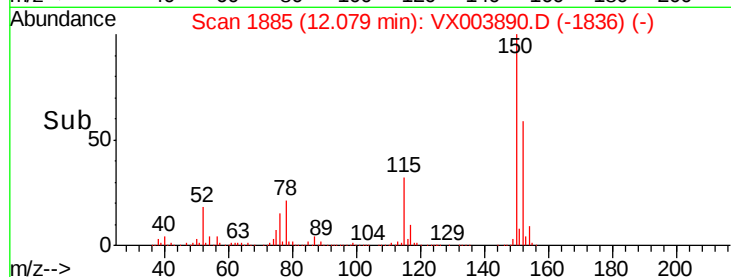
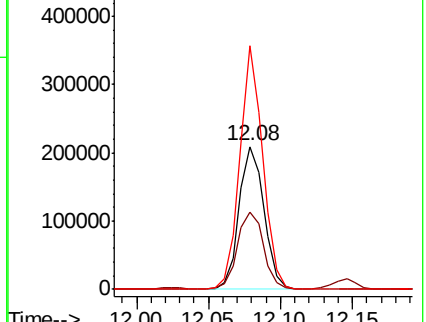
150 157.3 0.0 349.2



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: 7.30 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003890.D

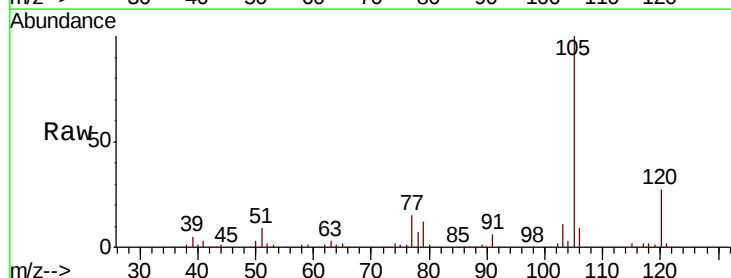
Acq: 07 Aug 2018 19:39

Tgt Ion:105 Resp: 135650

Ion Ratio Lower Upper

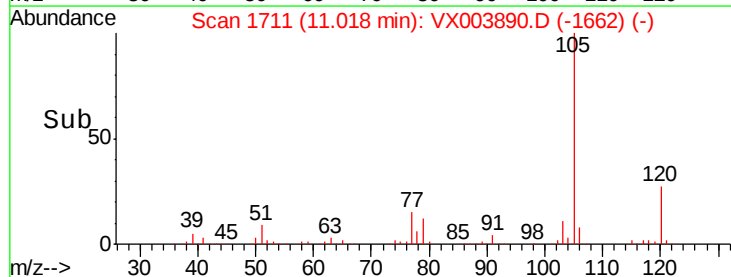
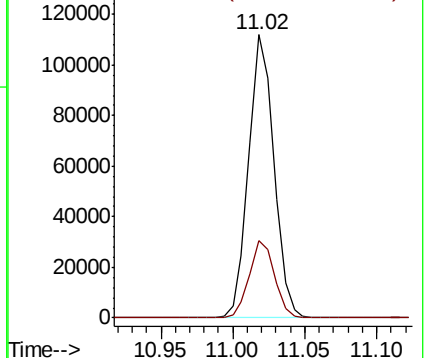
105 100

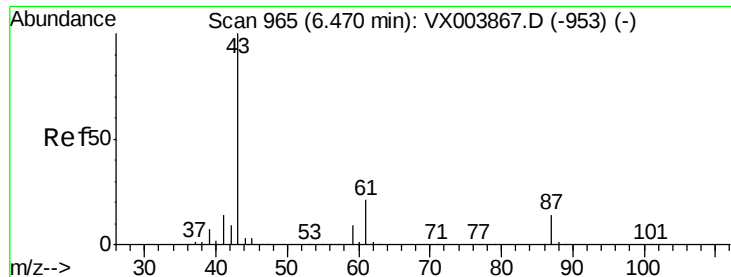
120 27.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.37 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

Instrument :

MSVOA_X

ClientSampled :

FL-0529DL

Tot Ion: 43 Resp: 3536

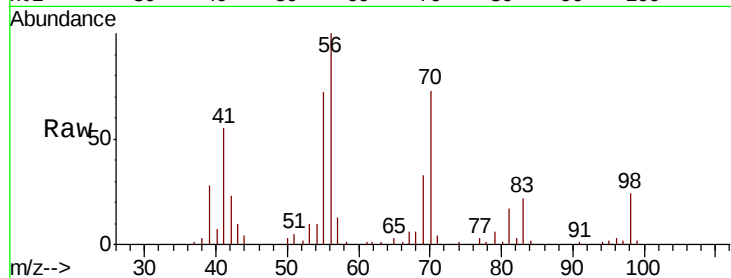
Ion Ratio Lower Upper

43 100

70 723.5 0.0 0.0#

55 719.4 0.1 0.1#

61 0.7 16.9 25.3#

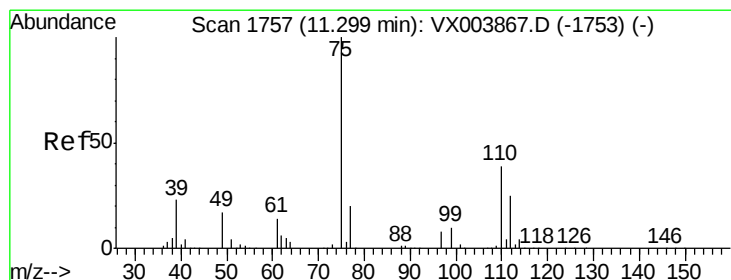
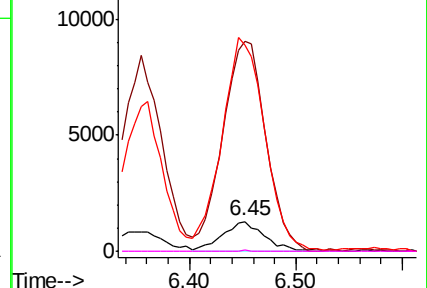
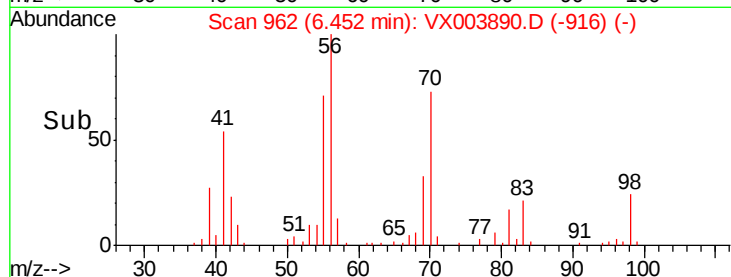


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 1.15 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.13 min

Lab File: VX003890.D

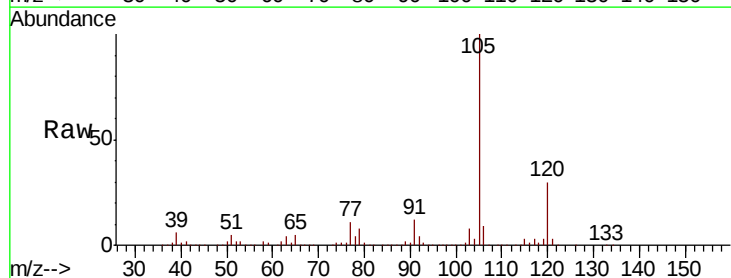
Acq: 07 Aug 2018 19:39

Tgt Ion: 75 Resp: 6360

Ion Ratio Lower Upper

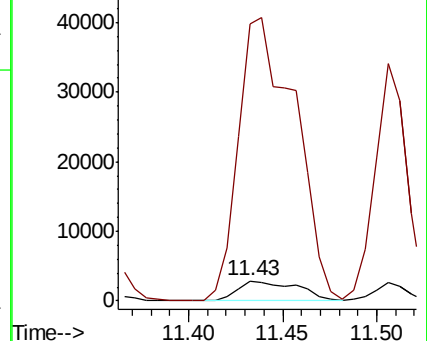
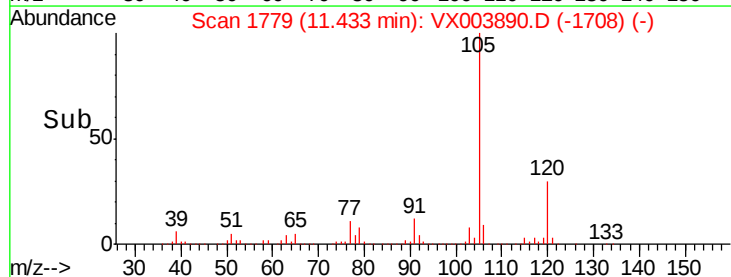
75 100

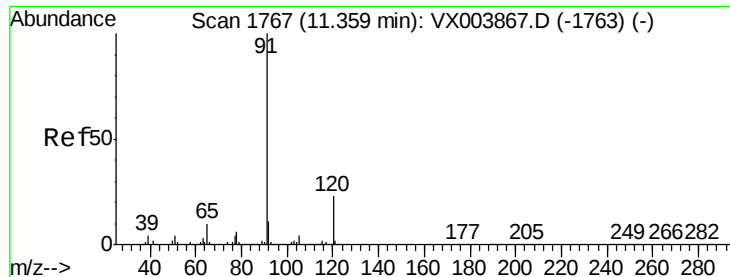
77 1331.8 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 6.57 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

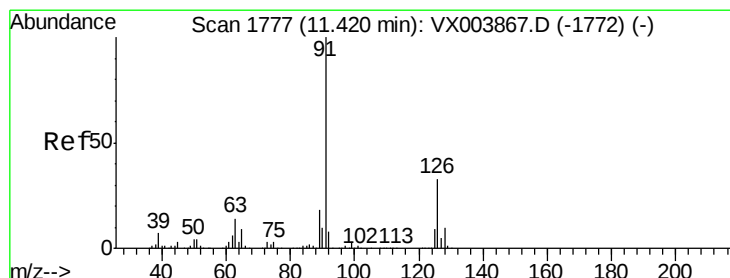
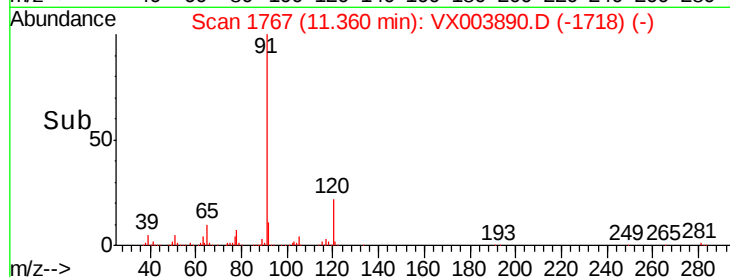
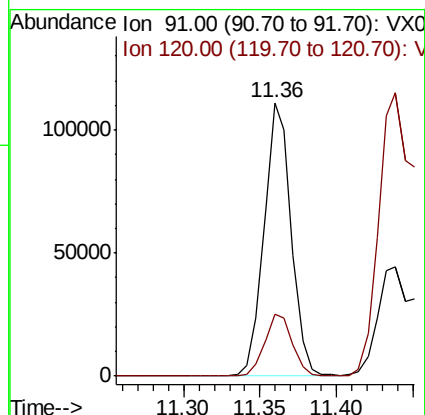
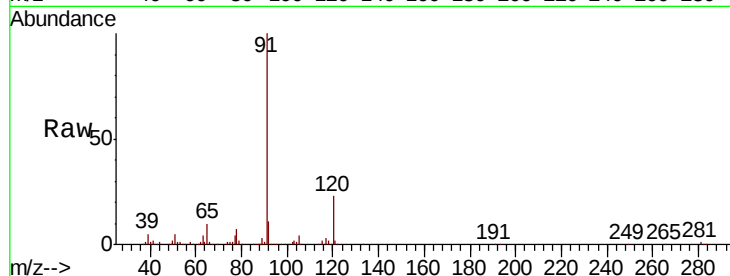
FL-0529DL

Tot Ion: 91 Resp: 137197

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.5



#79

2-Chlorotoluene

Concen: 6.92 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.02 min

Lab File: VX003890.D

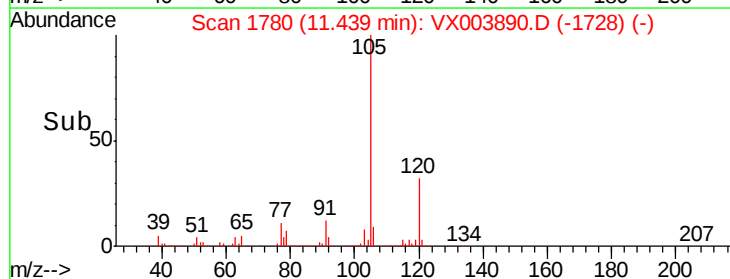
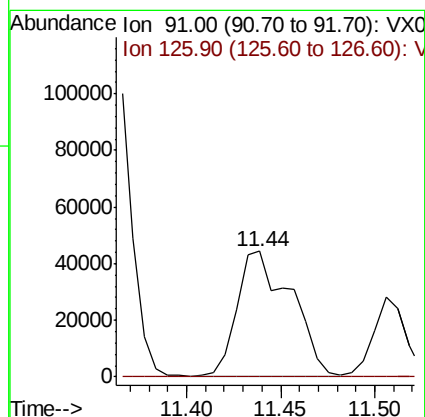
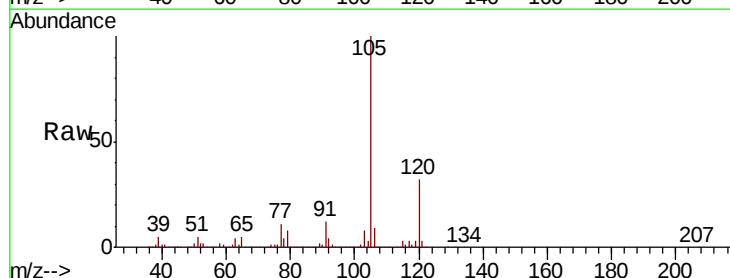
Acq: 07 Aug 2018 19:39

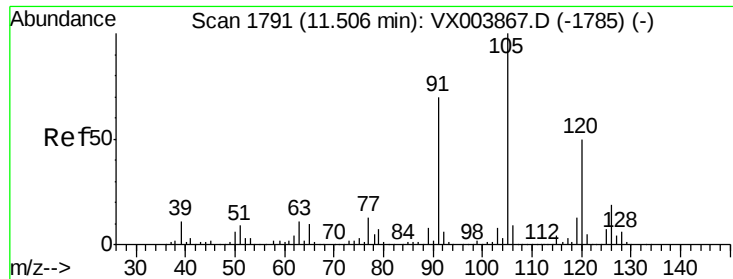
Tgt Ion: 91 Resp: 88085

Ion Ratio Lower Upper

91 100

126 0.2 17.4 52.3#

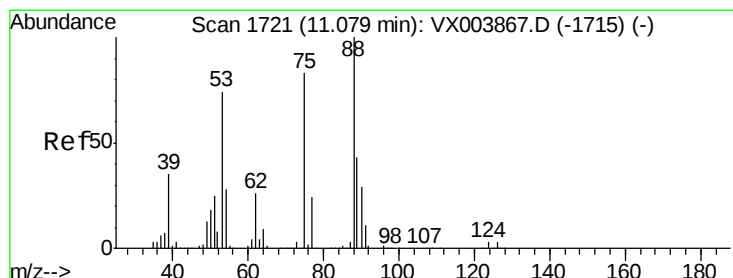
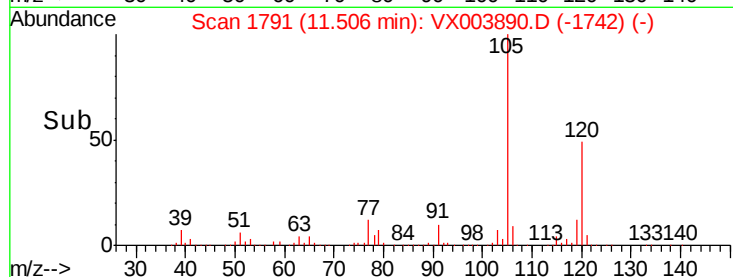
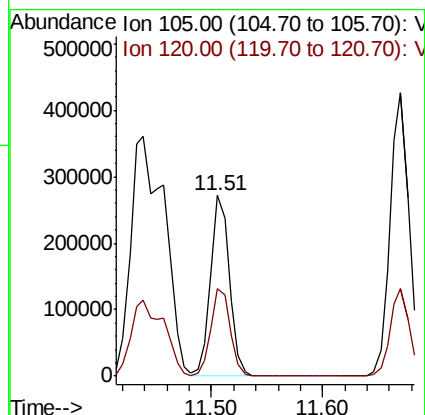
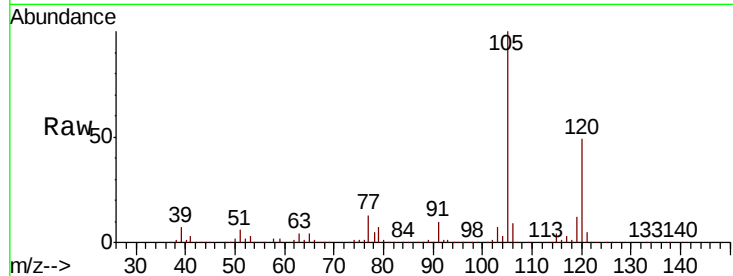




#80
 1,3,5-Trimethylbenzene
 Concen: 21.20 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003890.D
 Acq: 07 Aug 2018 19:39

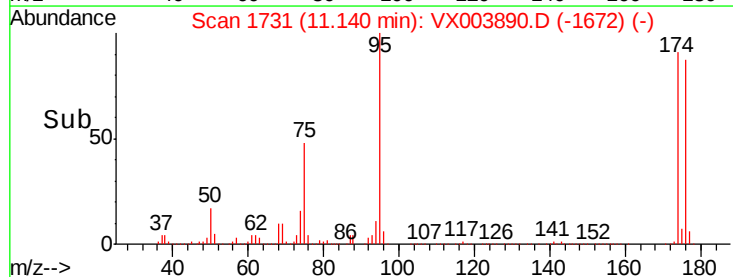
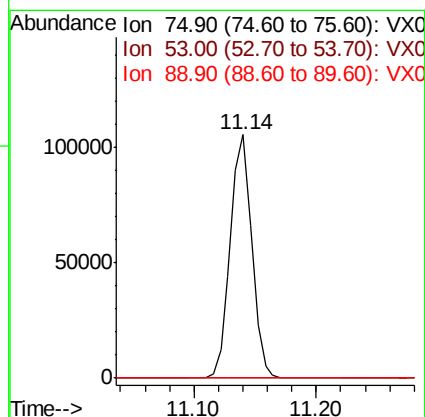
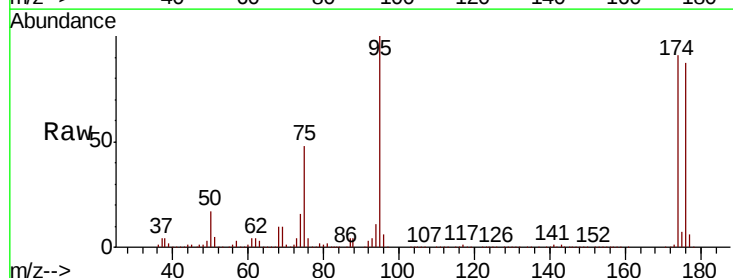
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0529DL

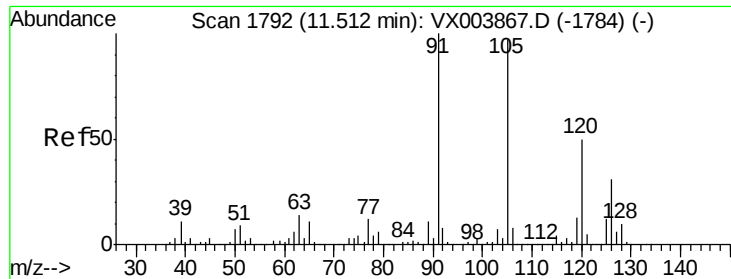
Tot Ion:105 Resp: 321353
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.52 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003890.D
 Acq: 07 Aug 2018 19:39

Tgt Ion: 75 Resp: 128751
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.3 120.5#
 89 0.0 37.8 56.8#





#82

4-Chlorotoluene

Concen: 2.23 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

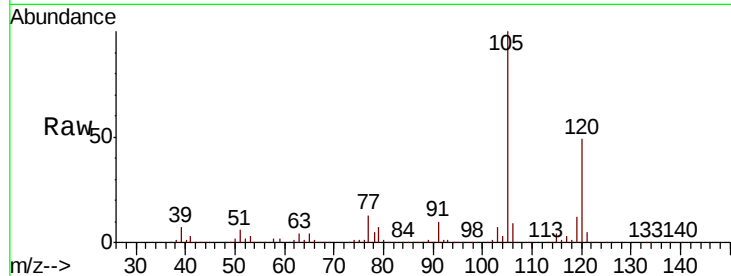
FL-0529DL

Tot Ion: 91 Resp: 33193

Ion Ratio Lower Upper

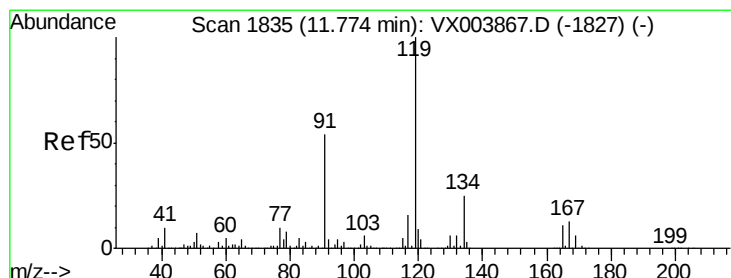
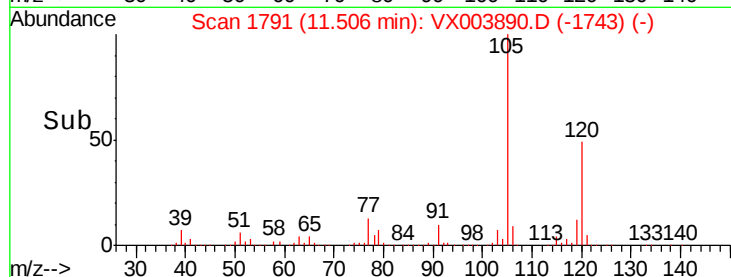
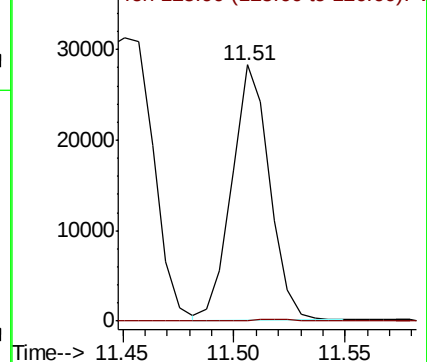
91 100

126 0.9 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 8.67 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.04 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

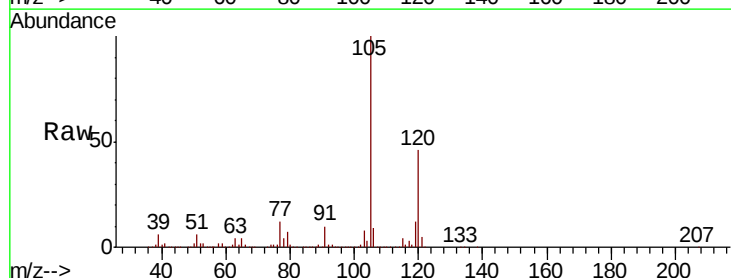
Tgt Ion: 119 Resp: 129257

Ion Ratio Lower Upper

119 100

91 80.8 26.9 80.7#

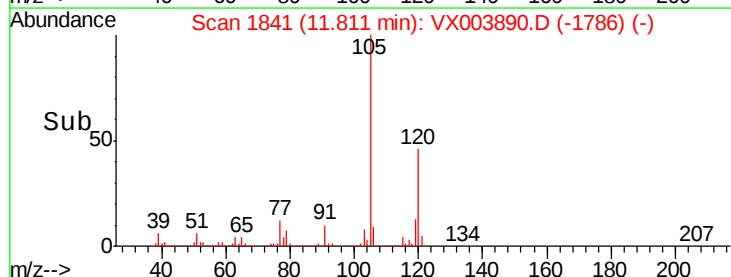
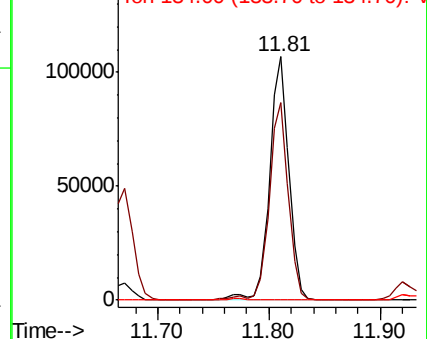
134 0.3 12.0 36.0#

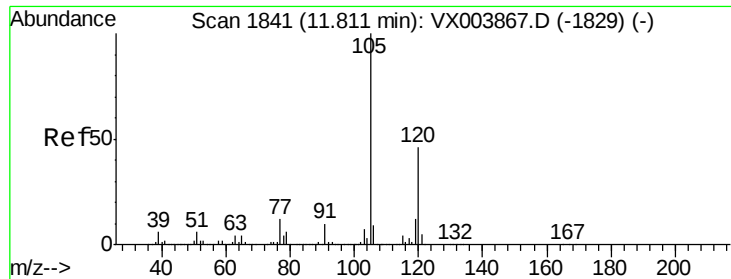


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

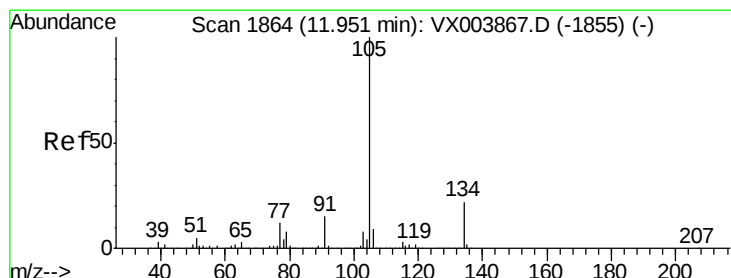
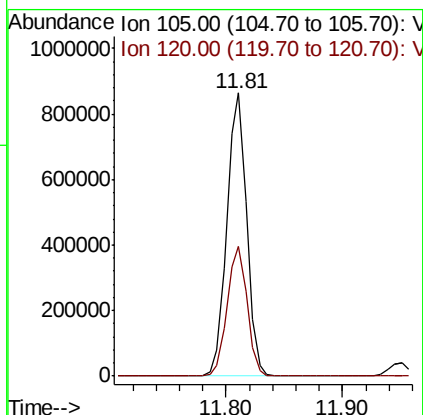
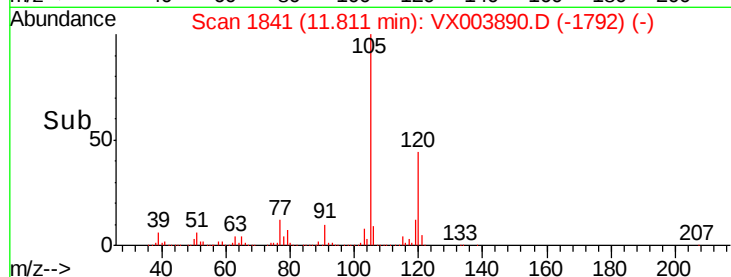
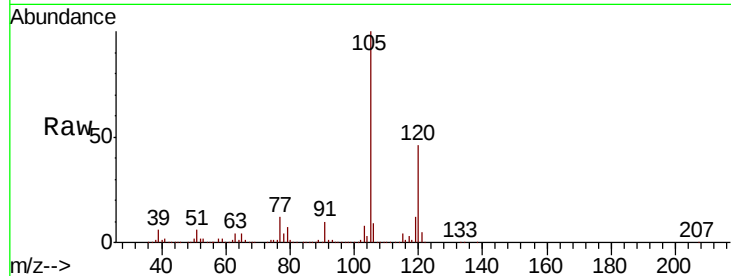




#84
 1,2,4-Trimethylbenzene
 Concen: 66.70 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003890.D
 Acq: 07 Aug 2018 19:39

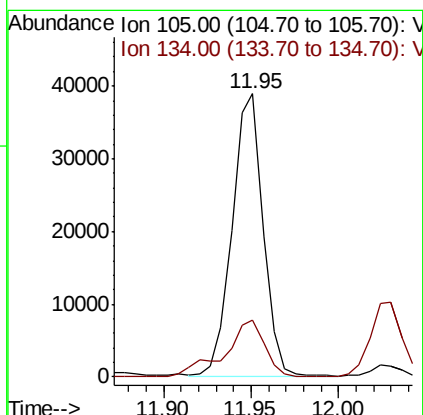
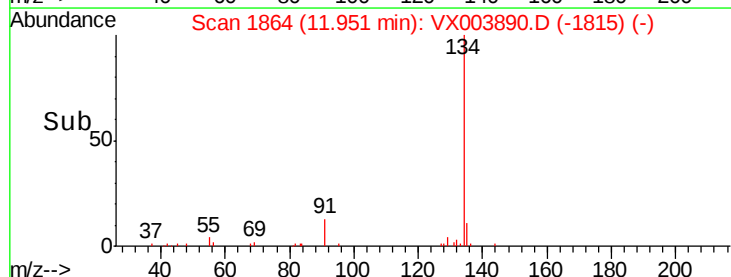
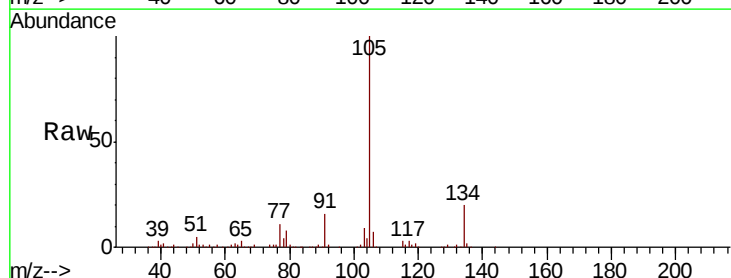
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0529DL

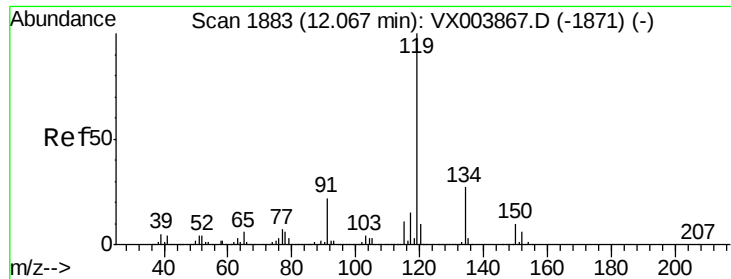
Tot Ion:105 Resp: 1016728
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 2.70 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003890.D
 Acq: 07 Aug 2018 19:39

Tgt Ion:105 Resp: 47604
 Ion Ratio Lower Upper
 105 100
 134 26.4 10.3 30.9

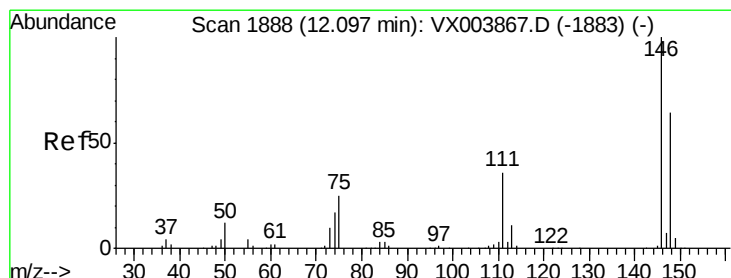
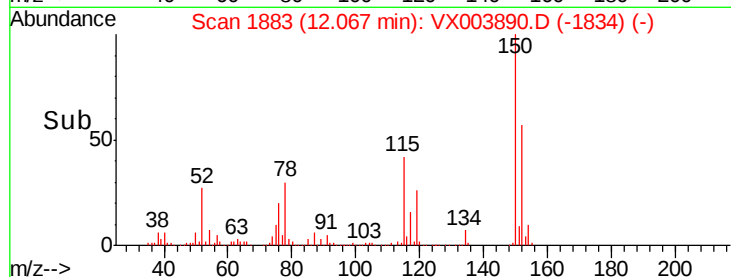
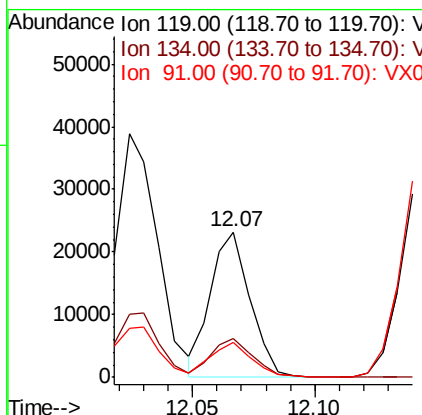
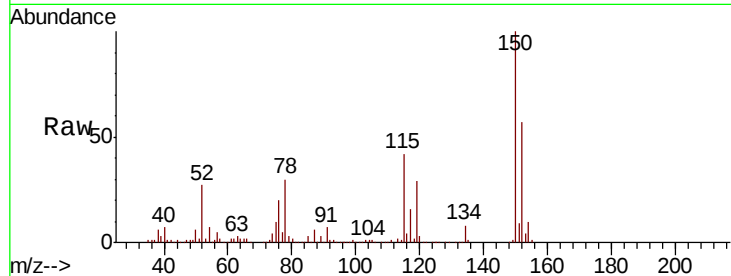




#86
 p-Isopropyltoluene
 Concen: 1.65 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003890.D
 Acq: 07 Aug 2018 19:39

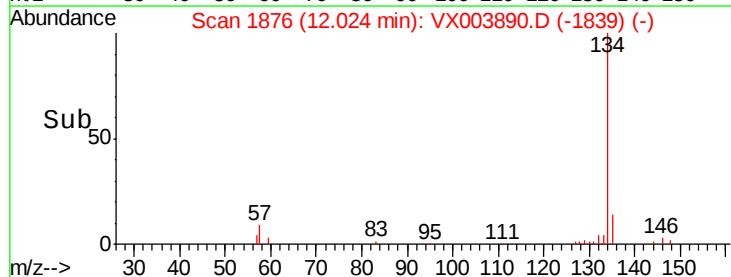
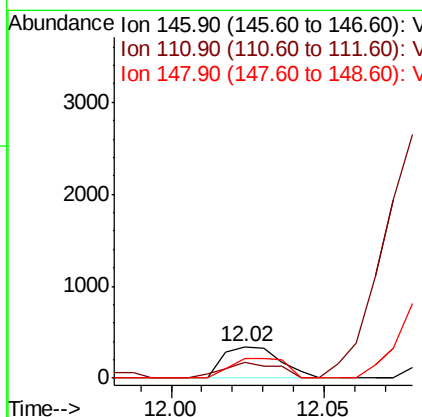
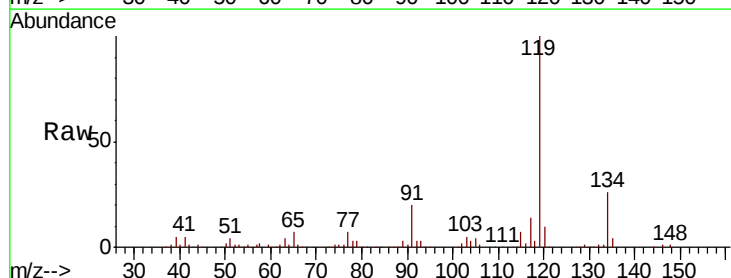
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0529DL

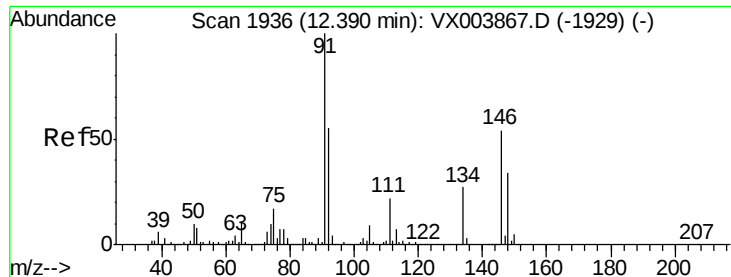
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.6	13.3	39.8
91	24.9	10.9	32.7



#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.07 min
 Lab File: VX003890.D
 Acq: 07 Aug 2018 19:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.2	18.4	55.0
148	59.5	32.3	96.8

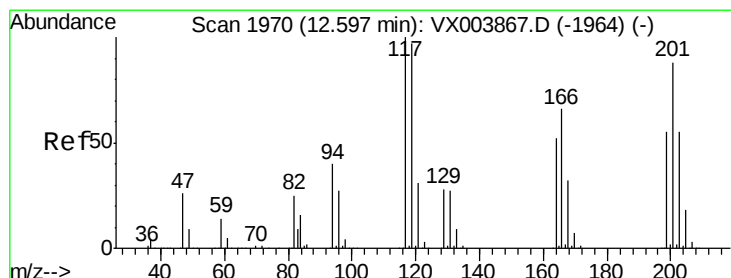
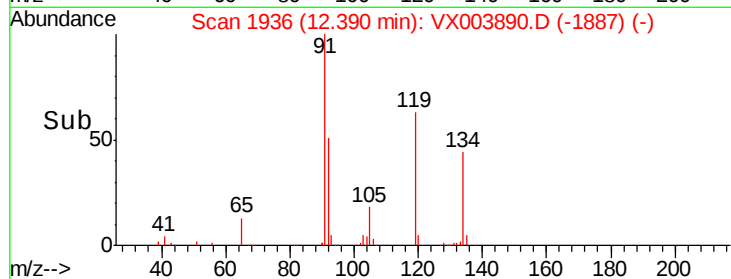
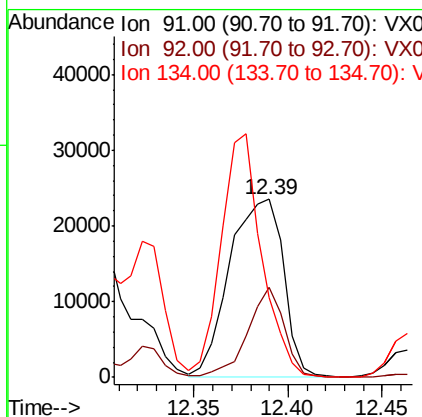
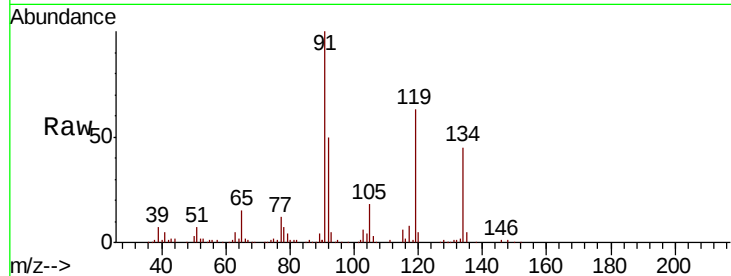




#89
n-Butylbenzene
Concen: 3.36 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003890.D
Acq: 07 Aug 2018 19:39

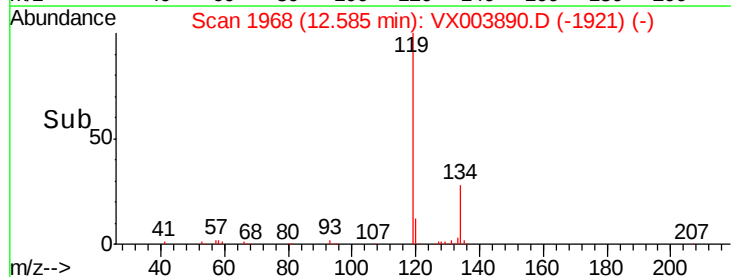
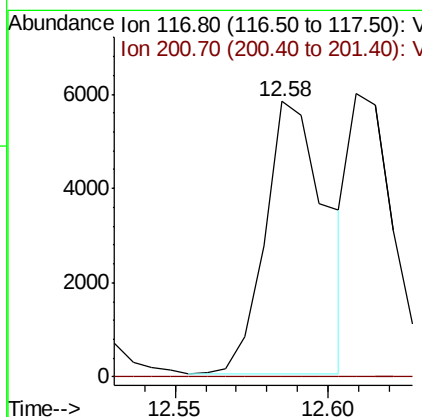
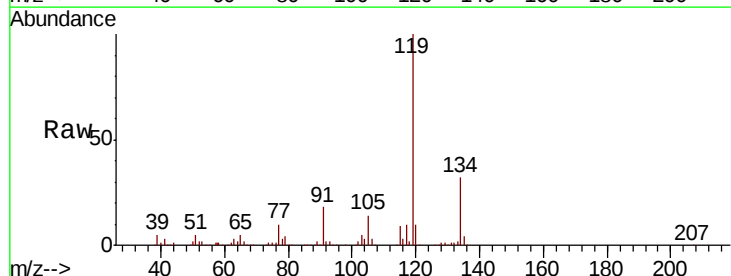
Instrument :
MSVOA_X
ClientSampleID :
FL-0529DL

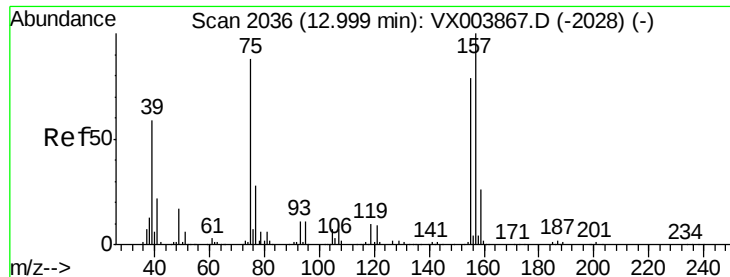
Tot Ion: 91 Resp: 46219
Ion Ratio Lower Upper
91 100
92 34.4 27.1 81.3
134 103.9 13.6 40.7#



#90
Hexachloroethane
Concen: 3.14 ug/l
RT: 12.58 min Scan# 1968
Delta R.T. -0.01 min
Lab File: VX003890.D
Acq: 07 Aug 2018 19:39

Tgt Ion: 117 Resp: 8057
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.54 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.02 min

Lab File: VX003890.D

Acq: 07 Aug 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

FL-0529DL

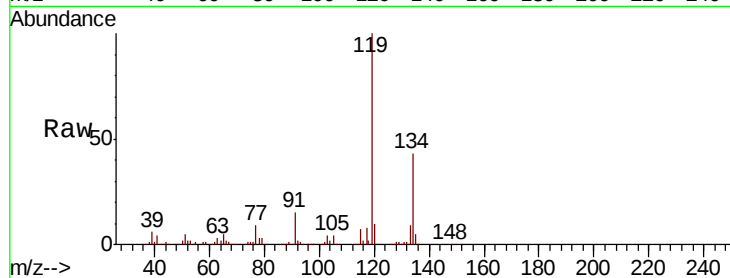
Tot Ion: 75 Resp: 704

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

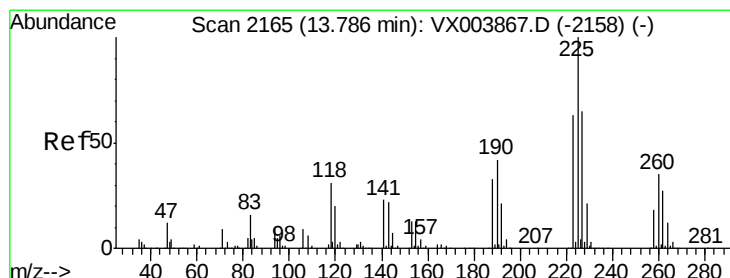
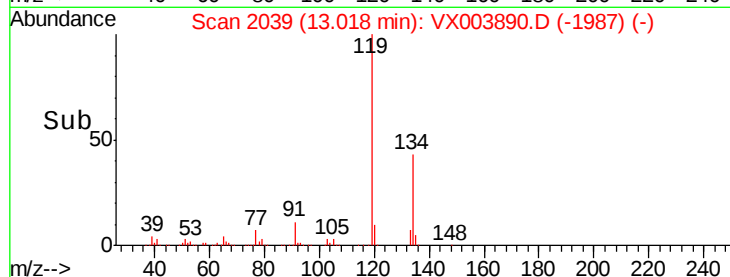
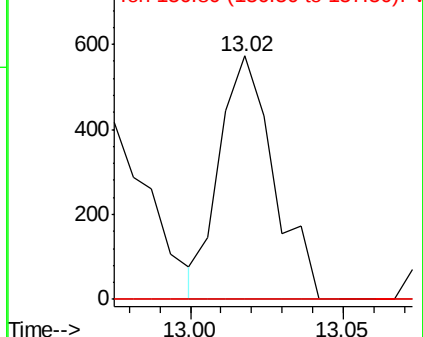
157 0.0 62.6 187.8#



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: VX003890.D

Acq: 07 Aug 2018 19:39

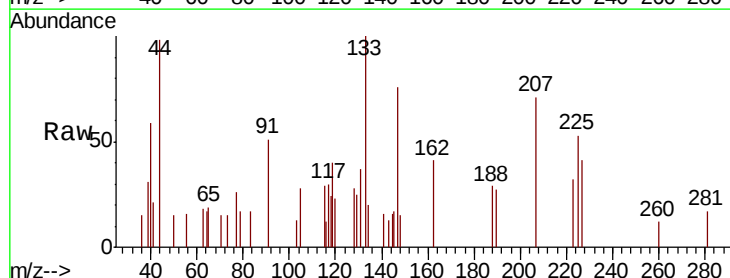
Tgt Ion: 225 Resp: 282

Ion Ratio Lower Upper

225 100

223 53.5 31.4 94.0

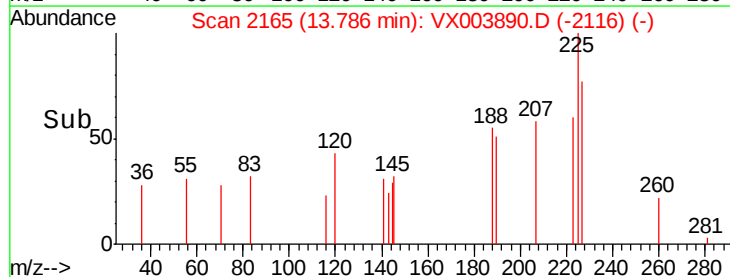
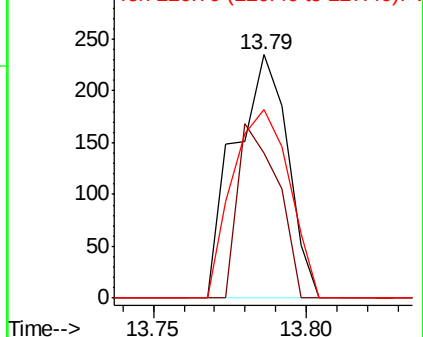
227 83.3 32.1 96.5

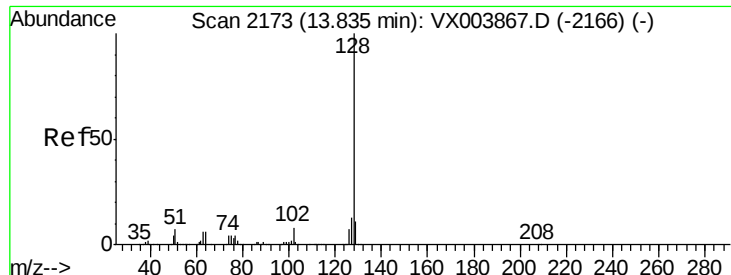


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 12.92 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003890.D
Acq: 07 Aug 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
FL-0529DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	8.8	13.2

