

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003880.D
 Acq On : 07 Aug 2018 14:46
 Operator : JC/MD
 Sample : J4344-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0533DL

Quant Time: Aug 08 01:20:42 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	307545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	474516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	445538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231500	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210021	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
35) Dibromofluoromethane	5.51	113	175170	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	8.72	98	680708	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.14	95	247404	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1264	0.30	ug/l	89
5) Bromomethane	1.65	94	1112	Below	Cal	100
6) Chloroethane	1.72	64	5623	2.08	ug/l #	55
10) Methyl Iodide	2.52	142	1394	0.32	ug/l #	90
11) Tert butyl alcohol	3.07	59	454	0.46	ug/l #	73
13) Acrolein	2.29	56	481	Below	Cal	89
14) Allyl chloride	2.84	41	125147	19.67	ug/l #	65
15) Acrylonitrile	3.16	53	2695	1.15	ug/l #	59
16) Acetone	2.45	43	1969	0.81	ug/l #	86
17) Carbon Disulfide	2.57	76	3288	0.79	ug/l #	90
18) Methyl Acetate	2.84	43	320011	60.60	ug/l #	52
20) Methylene Chloride	2.86	84	4690	Below	Cal #	1
25) 2-Butanone	4.71	43	827	0.23	ug/l #	83
29) Tetrahydrofuran	5.18	42	1217	0.65	ug/l #	49
31) Cyclohexane	5.57	56	47333	8.06	ug/l	93
36) 1,1-Dichloropropene	5.67	75	20341	3.83	ug/l #	50
38) Carbon Tetrachloride	5.67	117	27142	5.37	ug/l #	16
39) Methylcyclohexane	7.46	83	65442	10.44	ug/l	98
43) Isopropyl Acetate	6.34	43	28022	3.19	ug/l #	59
48) Methyl methacrylate	7.73	41	3436	0.77	ug/l #	54
51) 4-Methyl-2-Pentanone	8.68	43	2023	0.28	ug/l #	63
55) 1,1,2-Trichloroethane	9.16	97	2590	0.63	ug/l #	21
67) Ethyl Benzene	10.26	91	221028	11.65	ug/l	99
68) m/p-Xylenes	10.36	106	492603	66.43	ug/l	97
69) o-Xylene	10.70	106	132345	18.91	ug/l	95
70) Styrene	10.70	104	7869	0.69	ug/l #	1
73) Isopropylbenzene	11.02	105	54836	3.20	ug/l	96
74) N-amyl acetate	6.34	43	28023	3.15	ug/l #	55
76) 1,2,3-Trichloropropane	11.44	75	4335	0.85	ug/l #	1
78) n-propylbenzene	11.36	91	67319	3.50	ug/l	99
79) 2-Chlorotoluene	11.43	91	57572	4.91	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	190746	13.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	118040	62.23	ug/l #	9
82) 4-Chlorotoluene	11.51	91	21469	1.56	ug/l #	48

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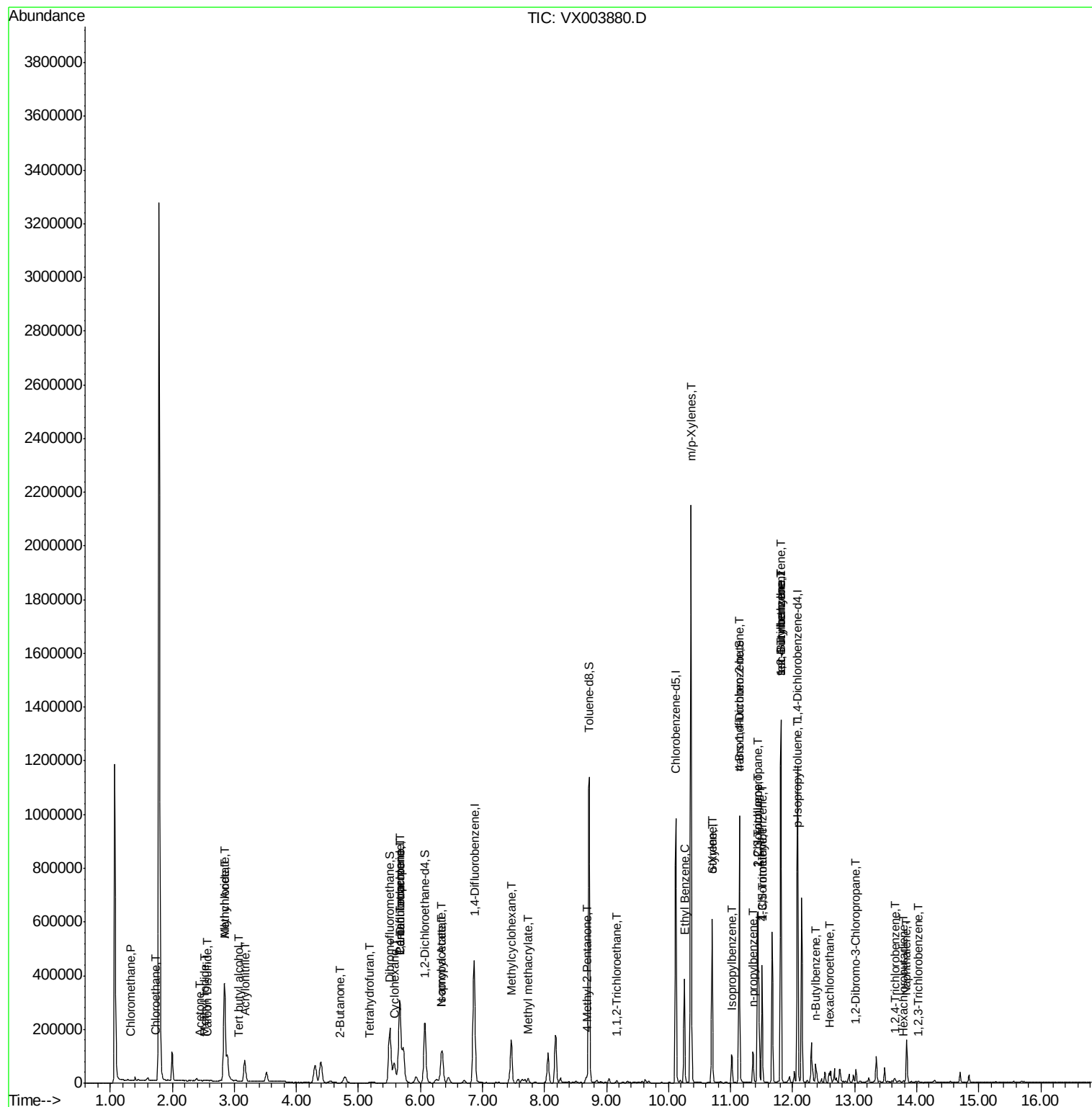
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.81	119	73060	5.32	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.81	105	570745	40.65	ug/l	99
85) sec-Butylbenzene	11.81	105	570745	35.20	ug/l #	56
86) p-Isopropyltoluene	12.07	119	11958	0.82	ug/l	93
88) 1,4-Dichlorobenzene	12.03	146	1407	Below	Cal	90
89) n-Butylbenzene	12.38	91	11597	0.91	ug/l #	34
90) Hexachloroethane	12.58	117	1614	0.68	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	13.02	75	242	0.20	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	1909	0.32	ug/l #	84
94) Hexachlorobutadiene	13.79	225	962	0.79	ug/l	93
95) Naphthalene	13.83	128	104939	6.09	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1309	0.22	ug/l #	83

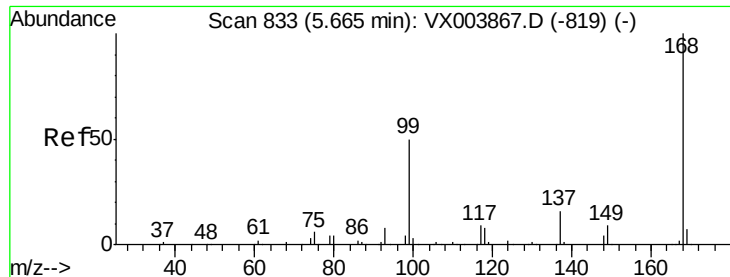
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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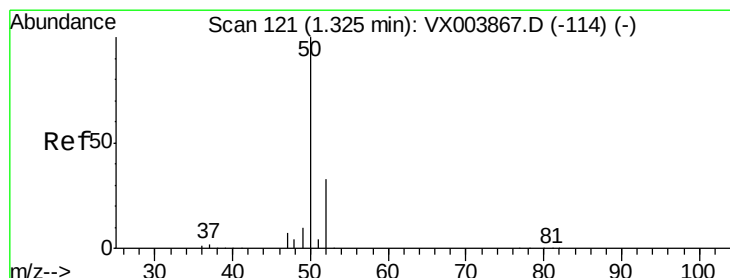
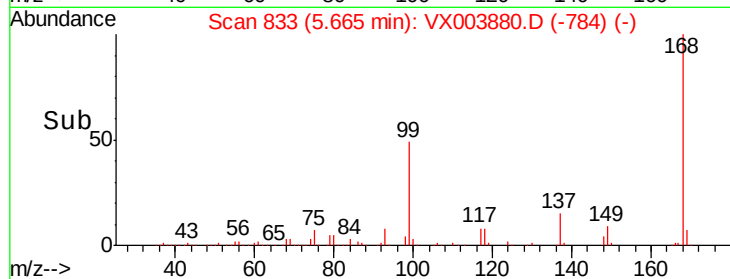
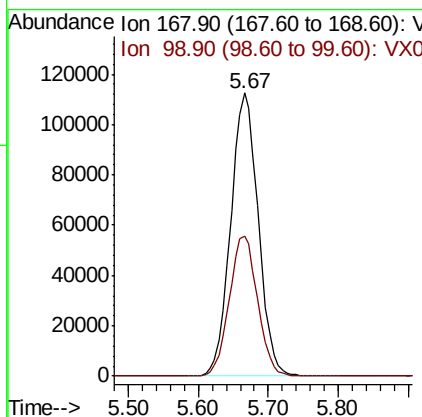
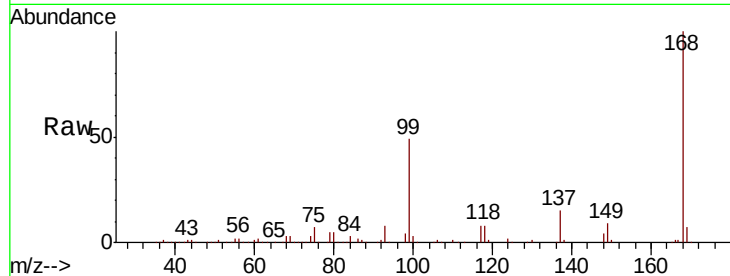




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

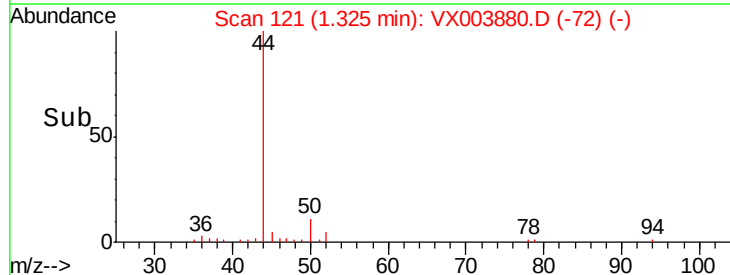
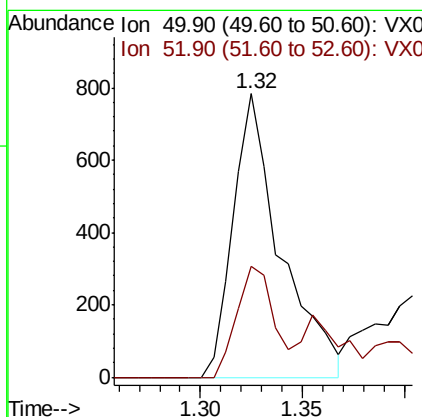
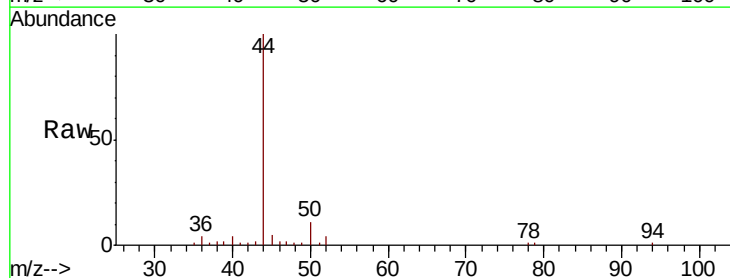
Instrument :
MSVOA_X
ClientSampled :
FL-0533DL

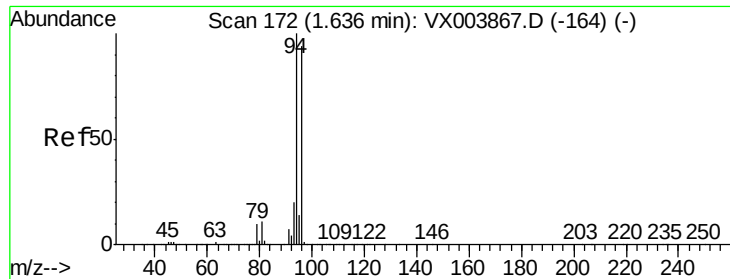
Tot Ion:168 Resp: 307545
Ion Ratio Lower Upper
168 100
99 49.4 40.1 60.1



#3
Chloromethane
Concen: 0.30 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

Tgt Ion: 50 Resp: 1264
Ion Ratio Lower Upper
50 100
52 39.3 26.6 39.8





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

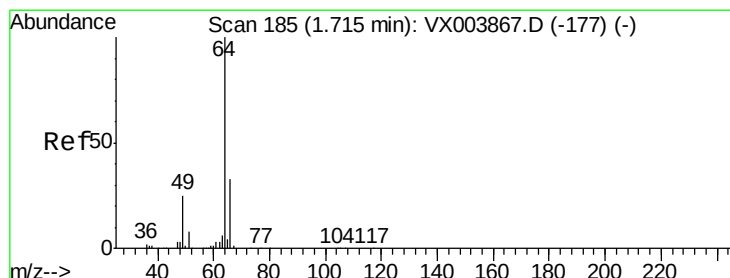
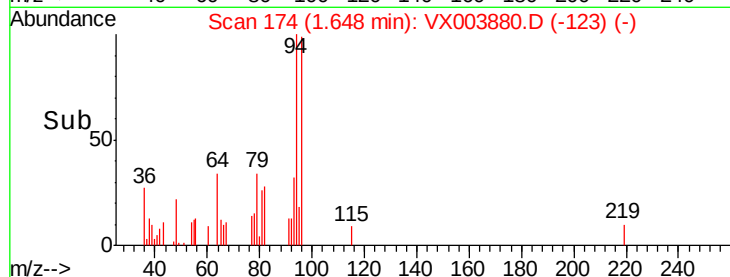
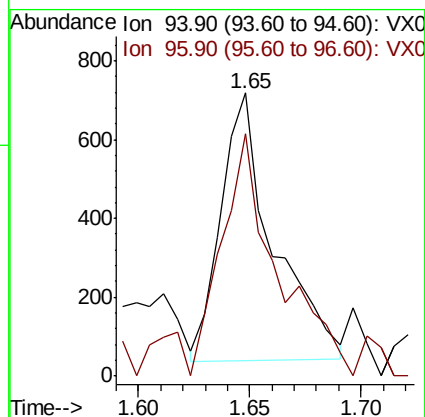
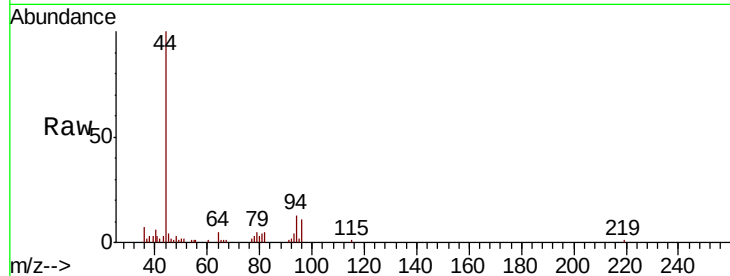
FL-0533DL

Tot Ion: 94 Resp: 1112

Ion Ratio Lower Upper

94 100

96 94.0 75.2 112.8



#6

Chloroethane

Concen: 2.08 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003880.D

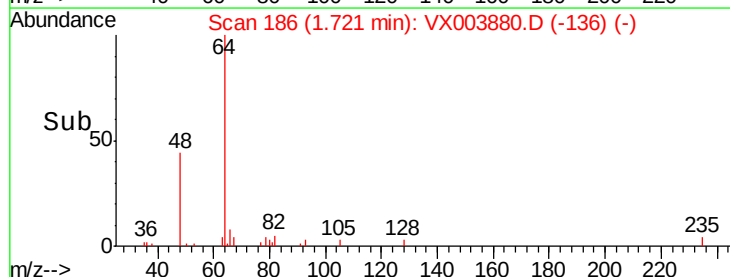
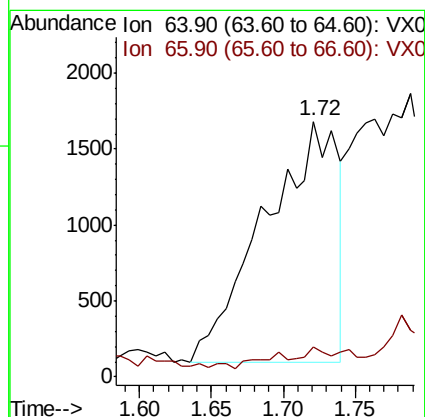
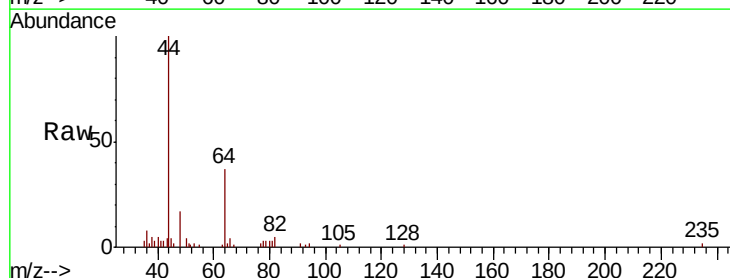
Acq: 07 Aug 2018 14:46

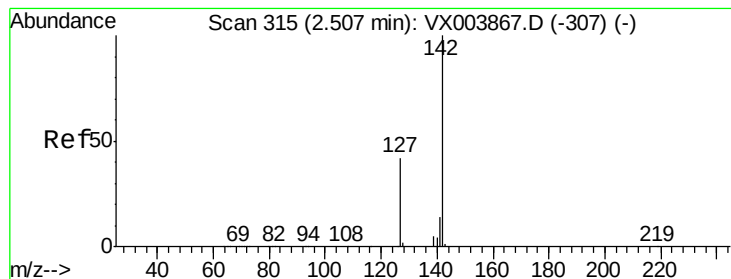
Tgt Ion: 64 Resp: 5623

Ion Ratio Lower Upper

64 100

66 7.9 26.5 39.7#





#10

Methyl Iodide

Concen: 0.32 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

FL-0533DL

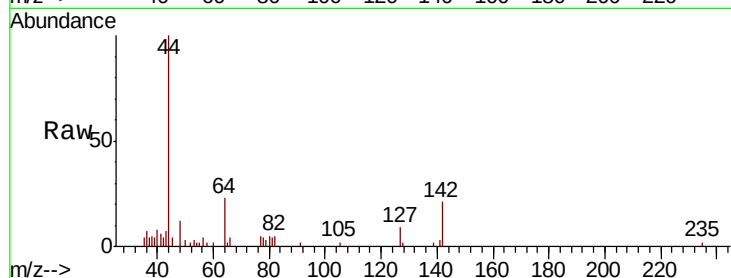
Tot Ion:142 Resp: 1394

Ion Ratio Lower Upper

142 100

127 48.3 33.1 49.7

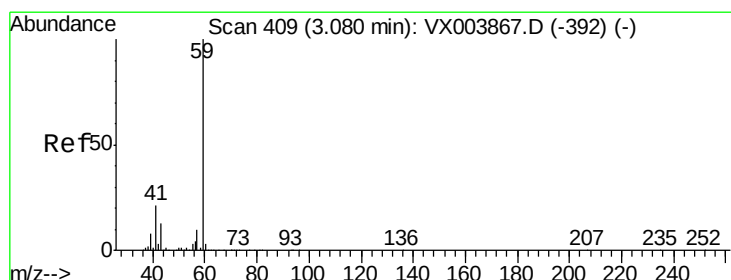
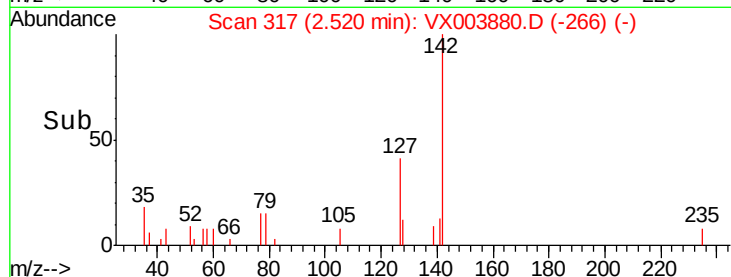
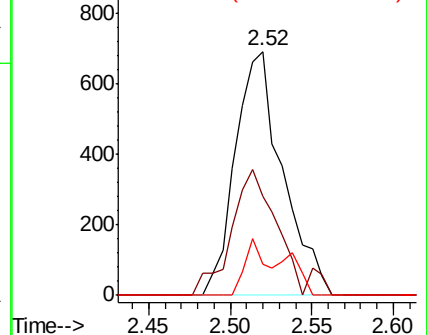
141 10.3 11.1 16.7#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 0.46 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX003880.D

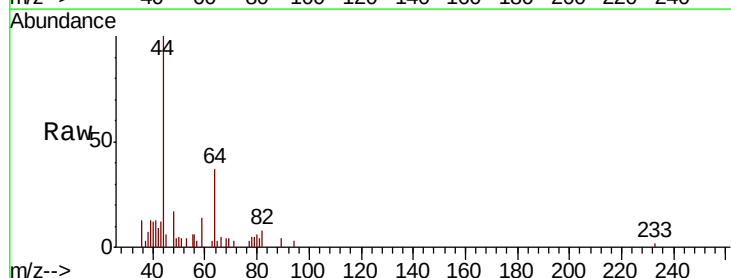
Acq: 07 Aug 2018 14:46

Tgt Ion: 59 Resp: 454

Ion Ratio Lower Upper

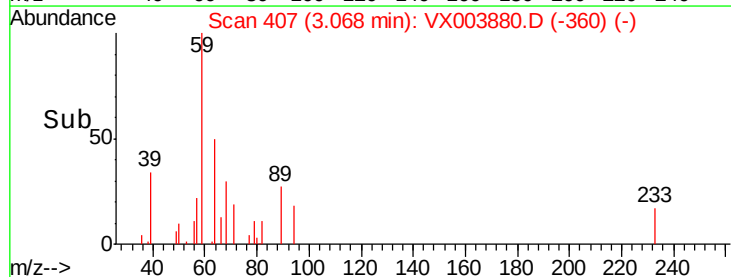
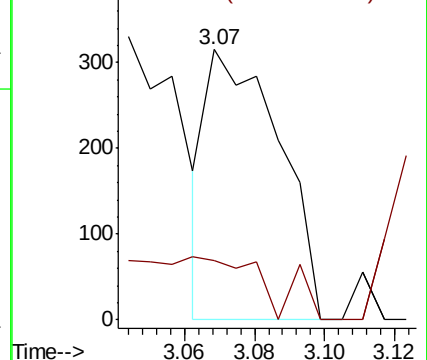
59 100

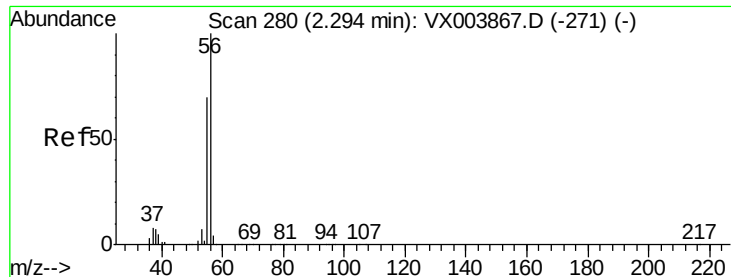
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

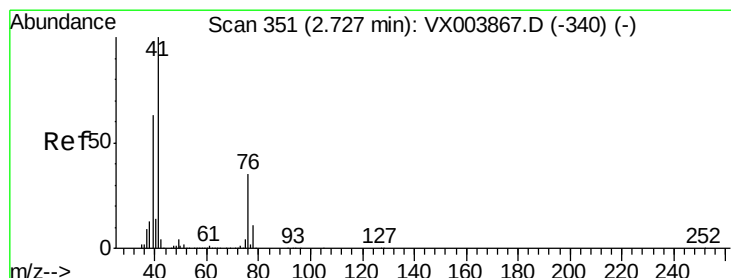
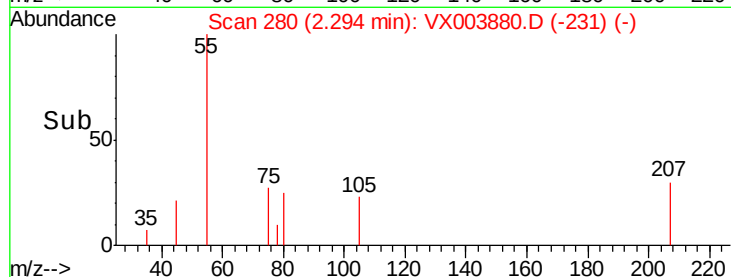
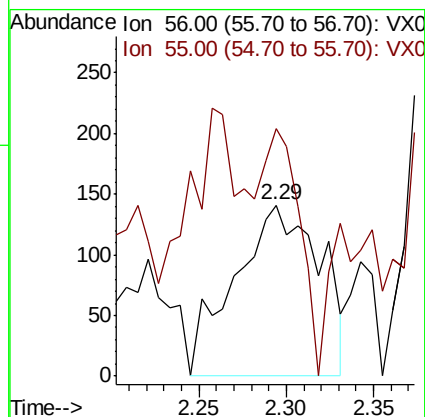
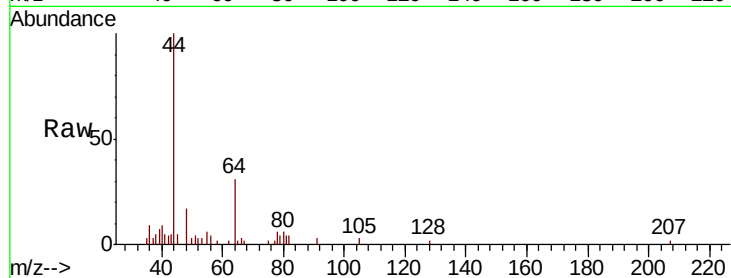
FL-0533DL

Tot Ion: 56 Resp: 481

Ion Ratio Lower Upper

56 100

55 60.9 56.1 84.1



#14

Allyl chloride

Concen: 19.67 ug/l

RT: 2.84 min Scan# 369

Delta R.T. 0.11 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

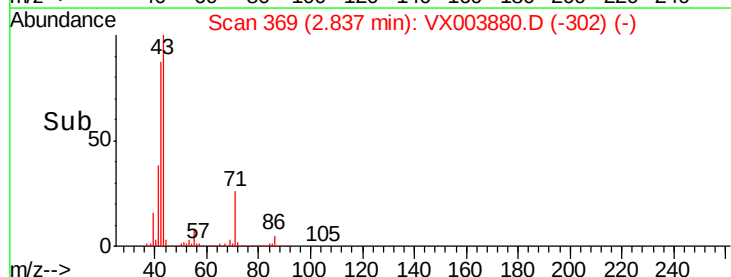
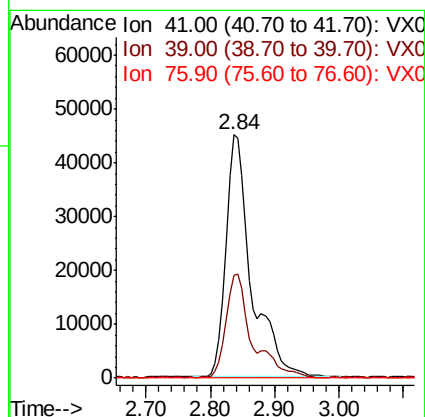
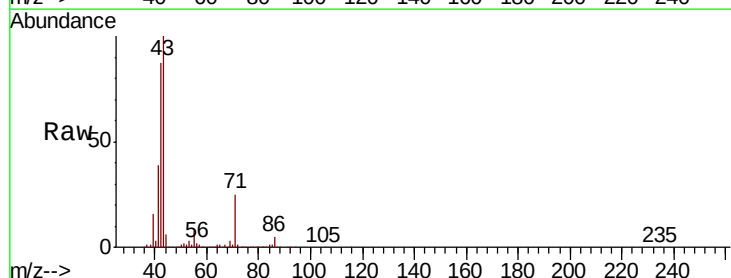
Tgt Ion: 41 Resp: 125147

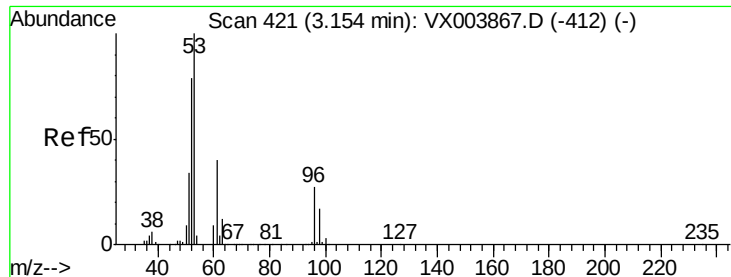
Ion Ratio Lower Upper

41 100

39 42.9 47.4 71.0#

76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 1.15 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

FL-0533DL

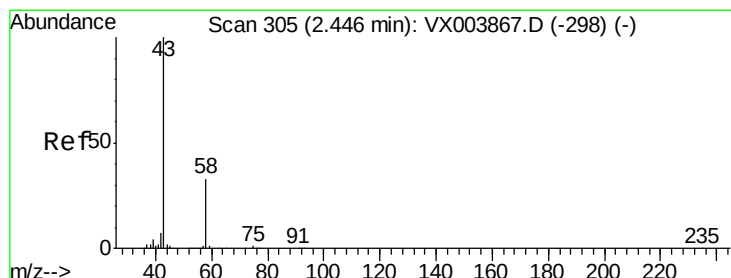
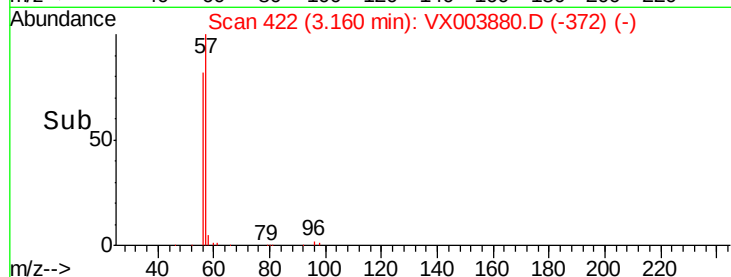
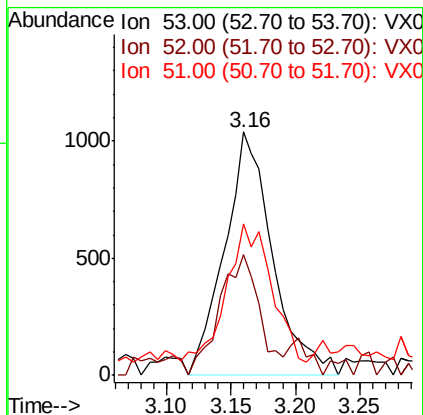
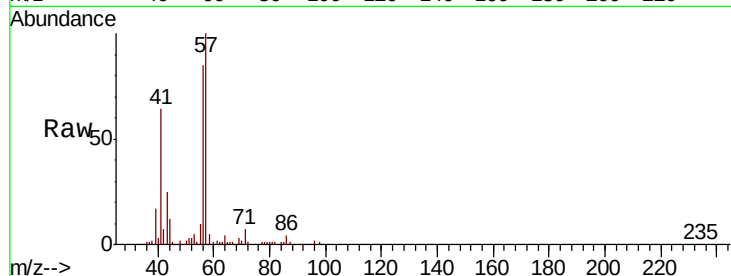
Tot Ion: 53 Resp: 2695

Ion Ratio Lower Upper

53 100

52 41.7 65.3 97.9#

51 52.8 27.9 41.9#



#16

Acetone

Concen: 0.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003880.D

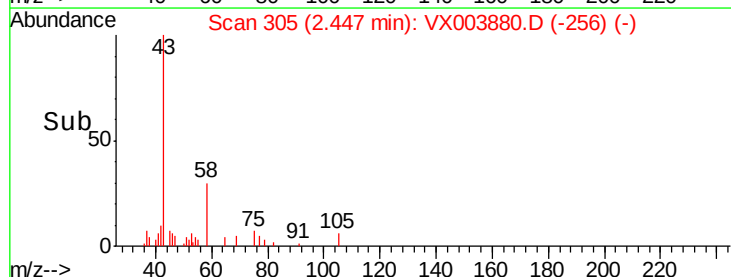
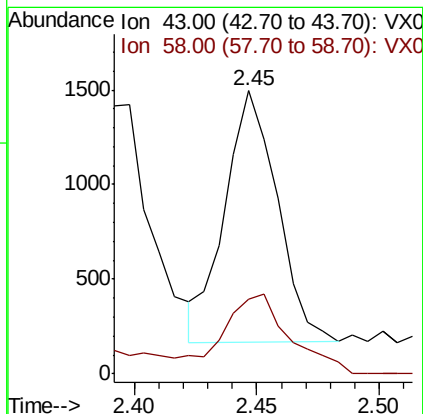
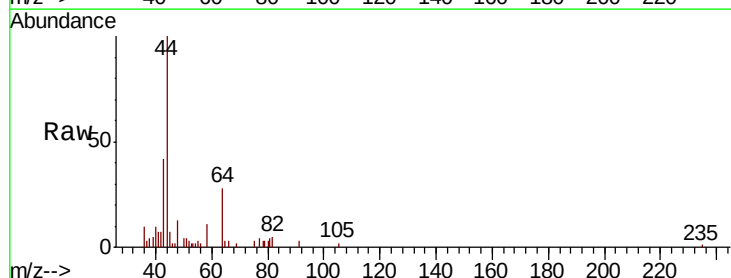
Acq: 07 Aug 2018 14:46

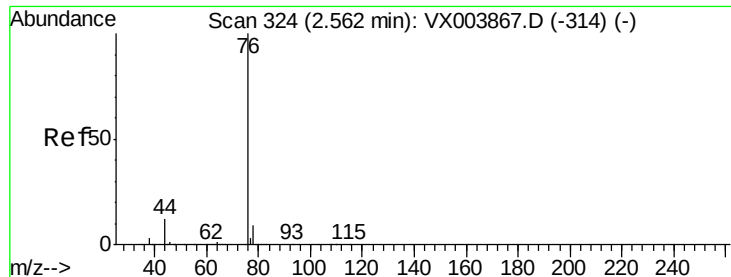
Tgt Ion: 43 Resp: 1969

Ion Ratio Lower Upper

43 100

58 25.0 26.4 39.6#





#17

Carbon Disulfide

Concen: 0.79 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

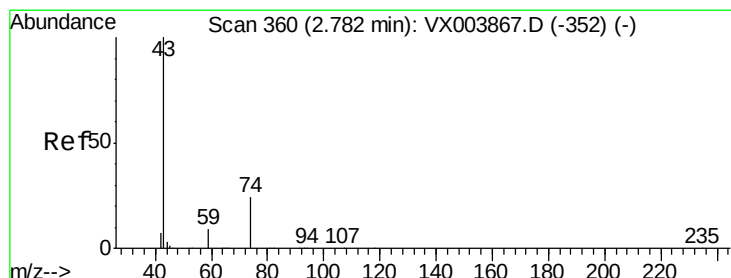
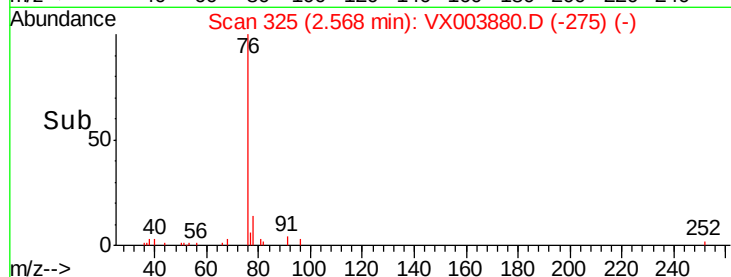
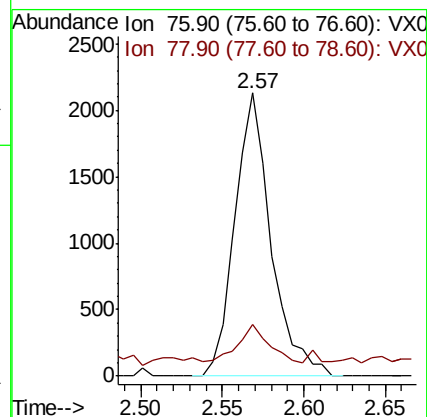
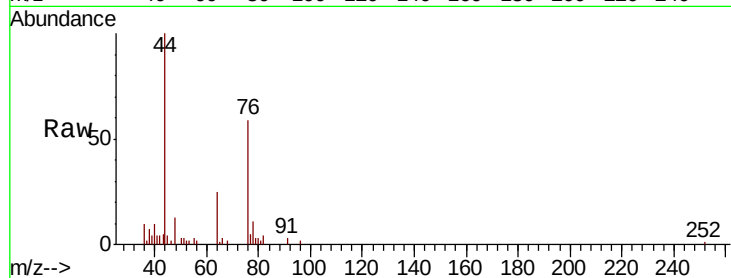
FL-0533DL

Tot Ion: 76 Resp: 3288

Ion Ratio Lower Upper

76 100

78 12.9 7.5 11.3#



#18

Methyl Acetate

Concen: 60.60 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.06 min

Lab File: VX003880.D

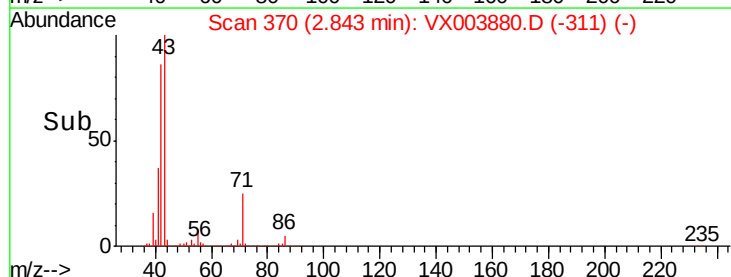
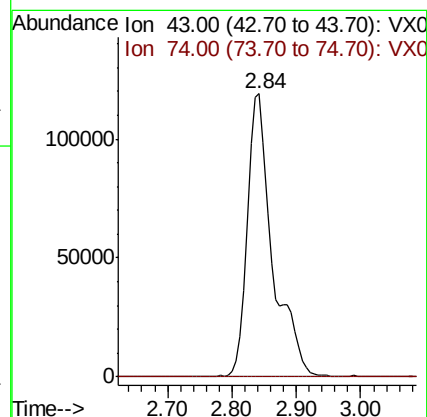
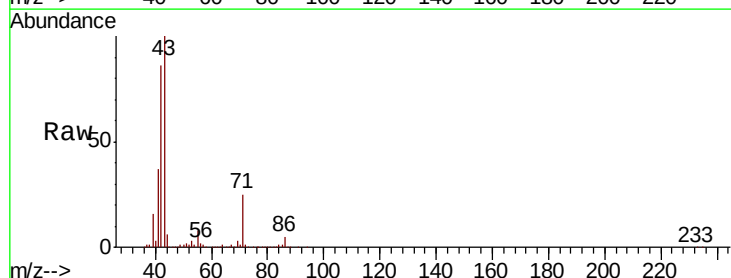
Acq: 07 Aug 2018 14:46

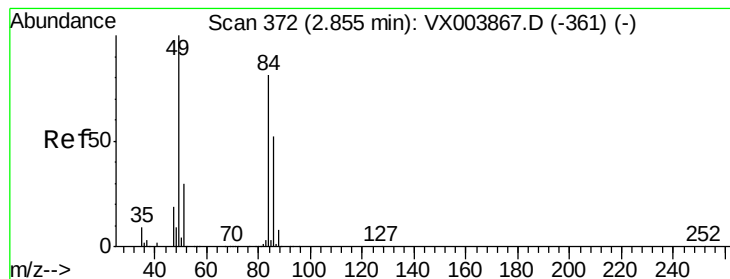
Tgt Ion: 43 Resp: 320011

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

FL-0533DL

Tot Ion: 84 Resp: 4690

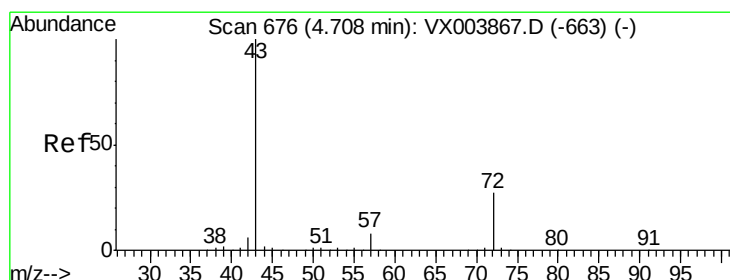
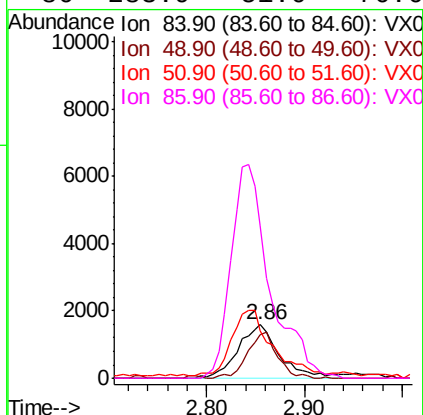
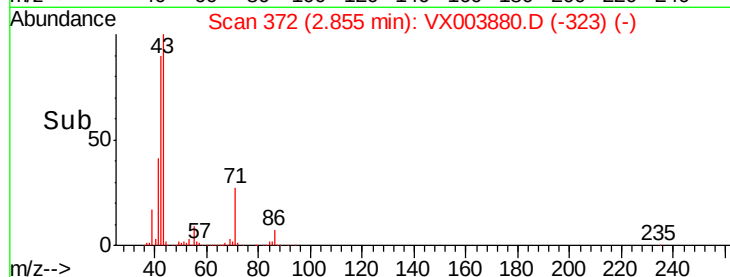
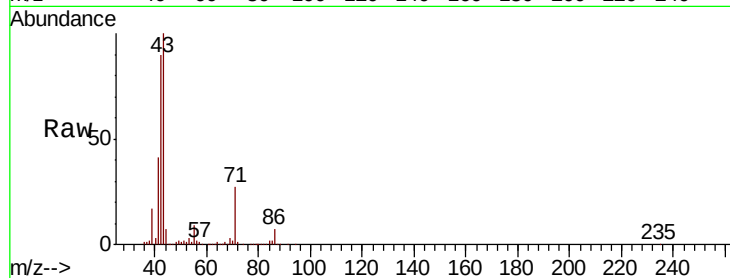
Ion Ratio Lower Upper

84 100

49 81.5 98.9 148.3#

51 81.6 29.9 44.9#

86 283.9 51.0 76.6#



#25

2-Butanone

Concen: 0.23 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003880.D

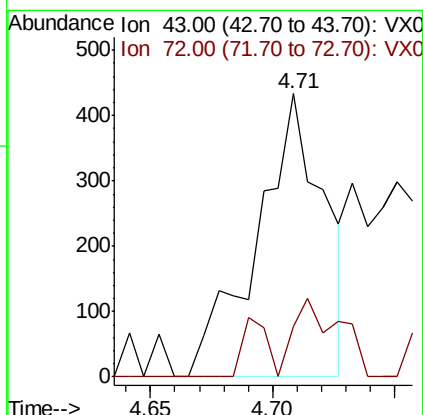
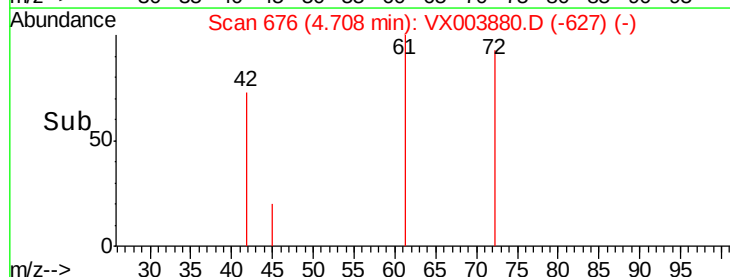
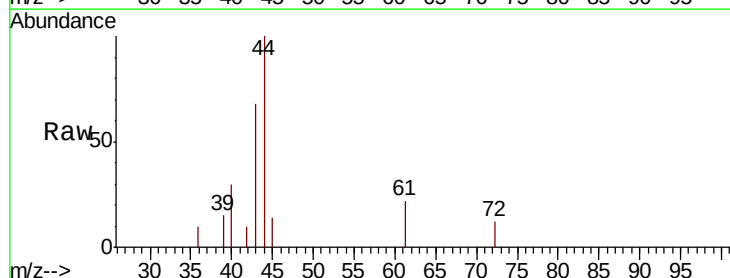
Acq: 07 Aug 2018 14:46

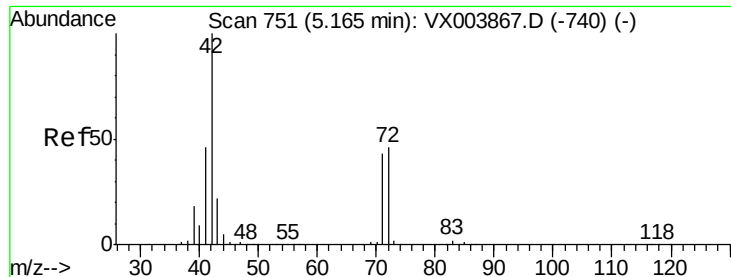
Tgt Ion: 43 Resp: 827

Ion Ratio Lower Upper

43 100

72 17.8 21.4 32.0#





#29

Tetrahydrofuran

Concen: 0.65 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

FL-0533DL

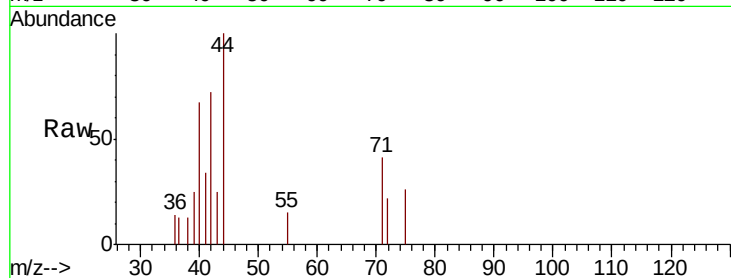
Tot Ion: 42 Resp: 1217

Ion Ratio Lower Upper

42 100

72 22.9 37.7 56.5#

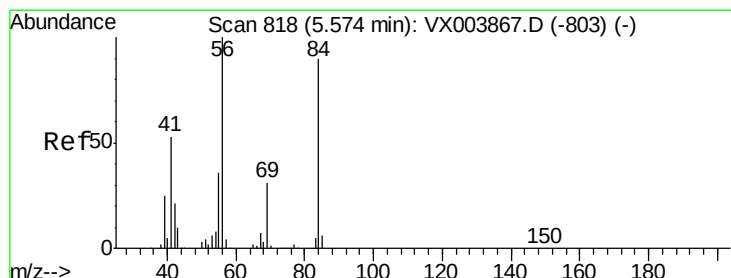
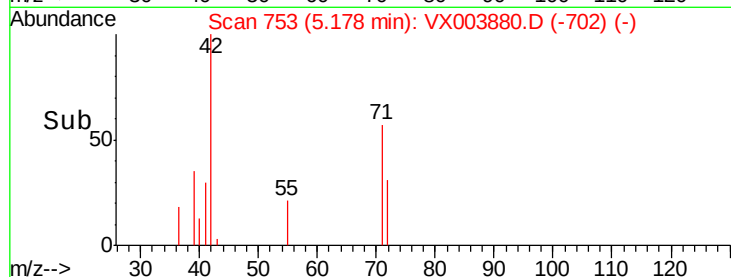
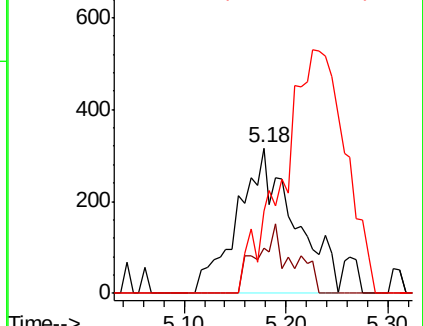
71 0.0 35.0 52.6#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 8.06 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

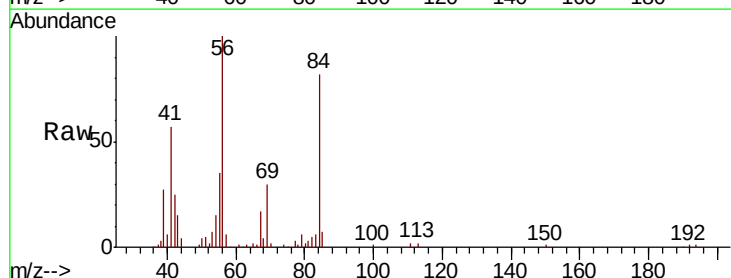
Tgt Ion: 56 Resp: 47333

Ion Ratio Lower Upper

56 100

69 29.4 24.9 37.3

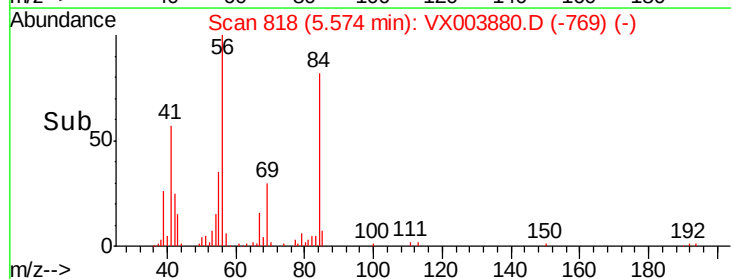
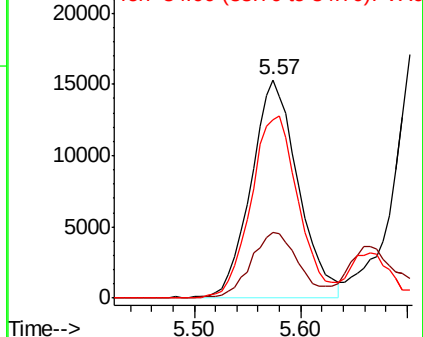
84 81.8 71.7 107.5

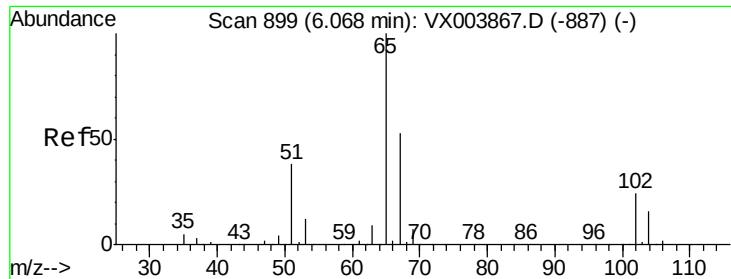


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

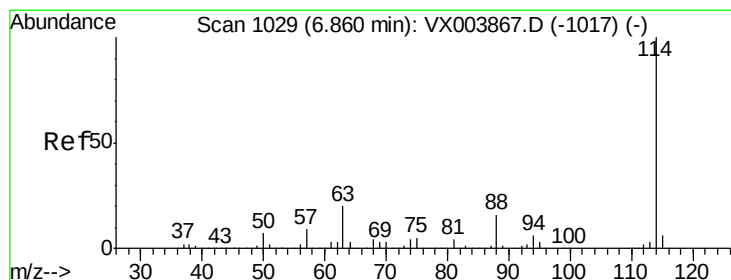
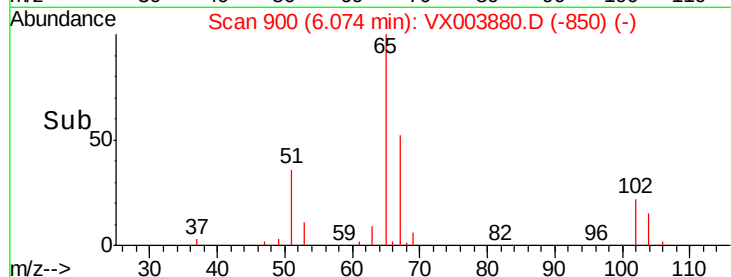
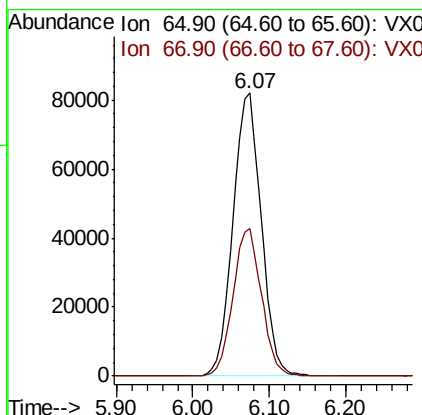
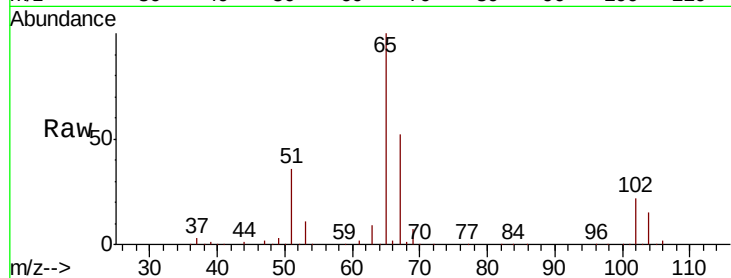




#33
 1,2-Dichloroethane-d4
 Concen: 51.52 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003880.D
 Acq: 07 Aug 2018 14:46

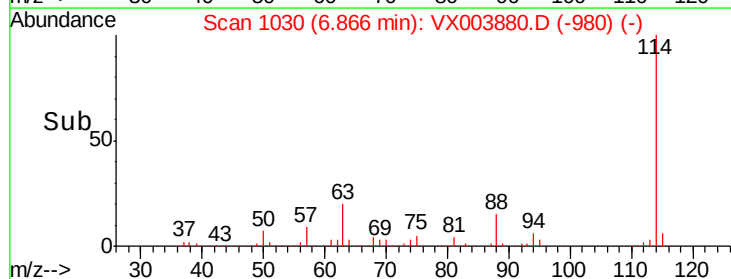
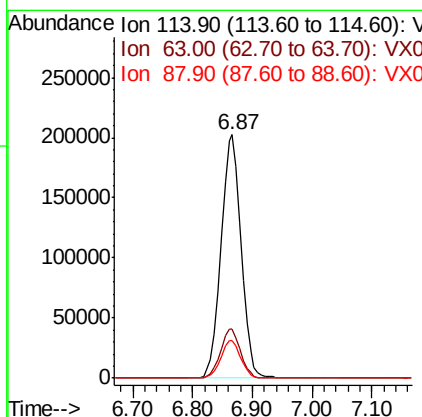
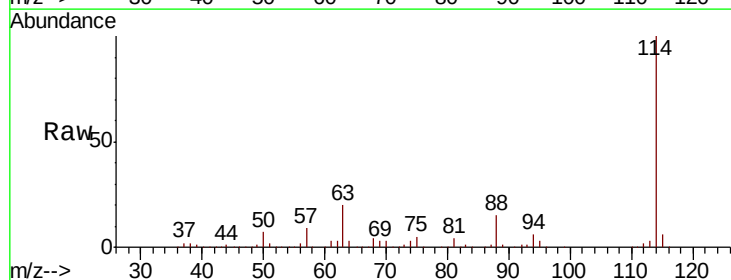
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0533DL

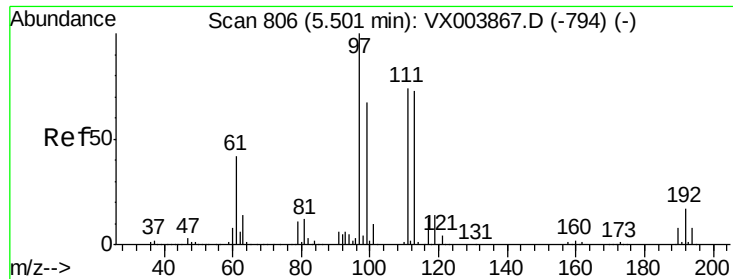
Tot Ion: 65 Resp: 210021
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003880.D
 Acq: 07 Aug 2018 14:46

Tgt Ion: 114 Resp: 474516
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.2 0.0 32.0

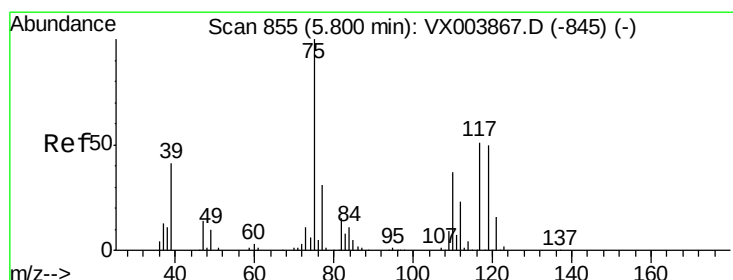
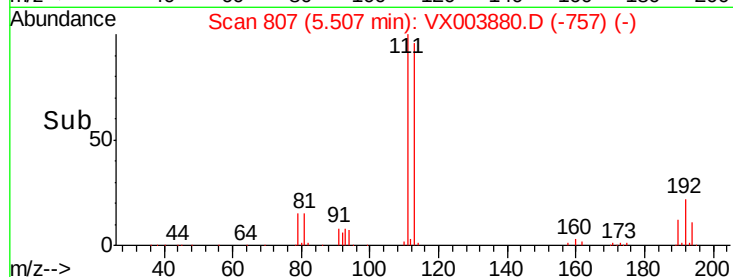
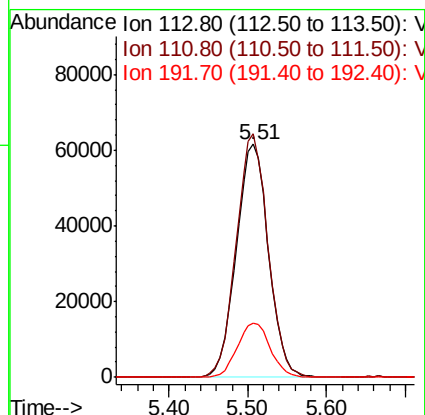
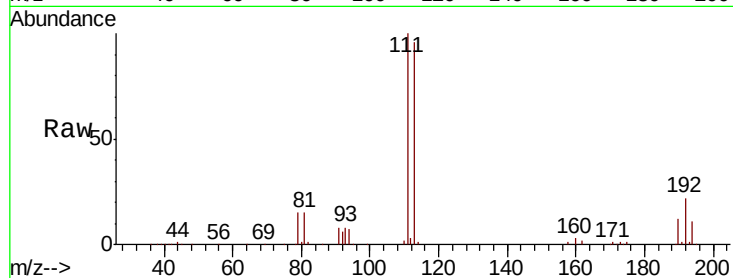




#35
 Dibromofluoromethane
 Concen: 48.73 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003880.D
 Acq: 07 Aug 2018 14:46

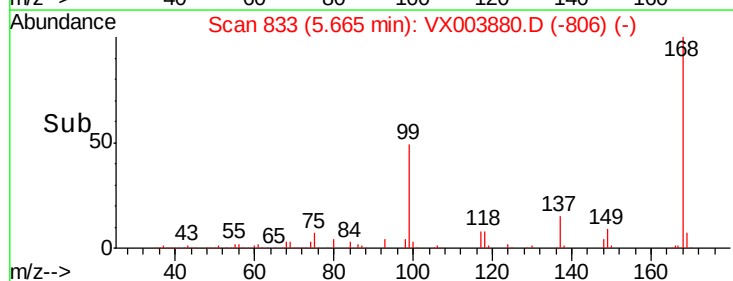
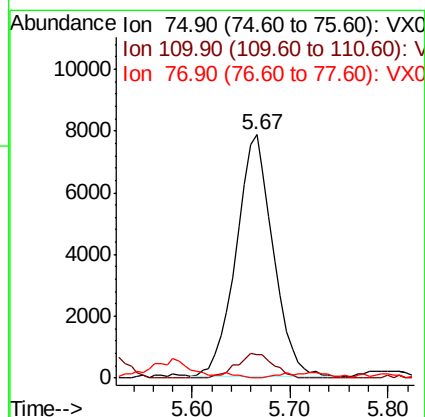
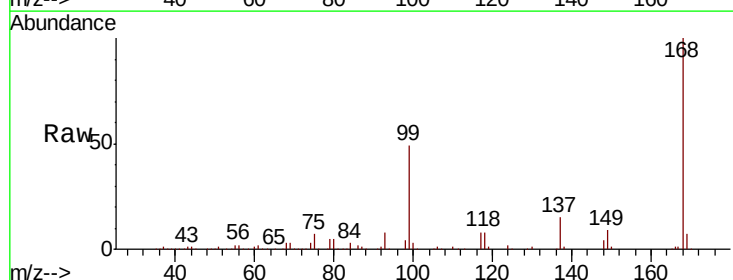
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0533DL

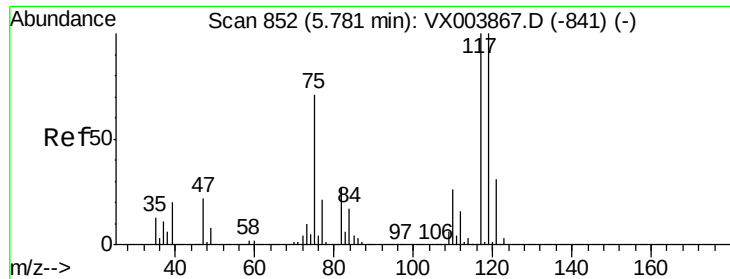
Tot Ion:113 Resp: 175170
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.0 123.0
 192 23.8 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 3.83 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003880.D
 Acq: 07 Aug 2018 14:46

Tgt Ion: 75 Resp: 20341
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.2 54.6#
 77 0.0 25.0 37.4#

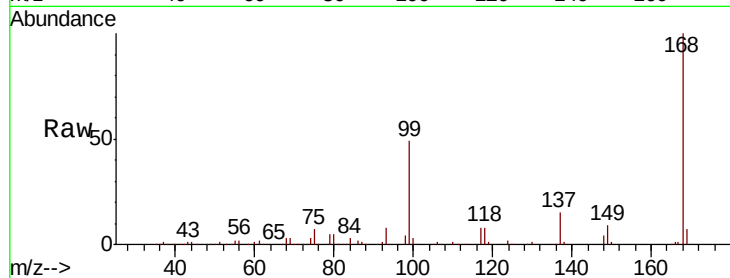




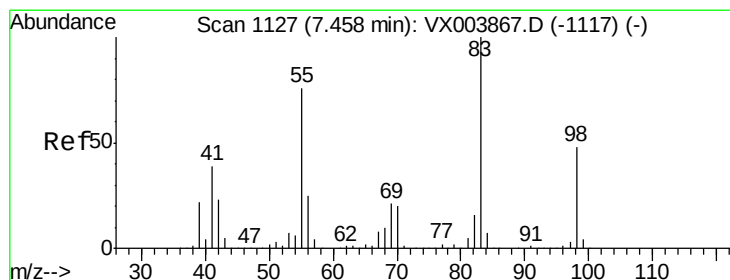
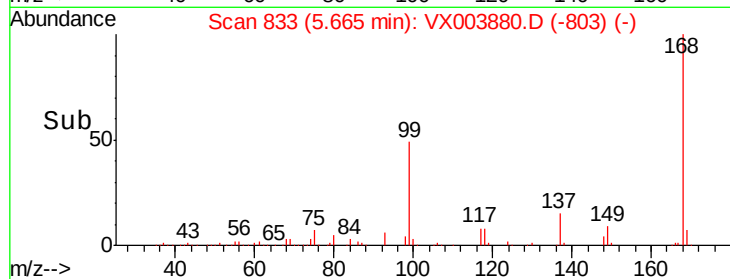
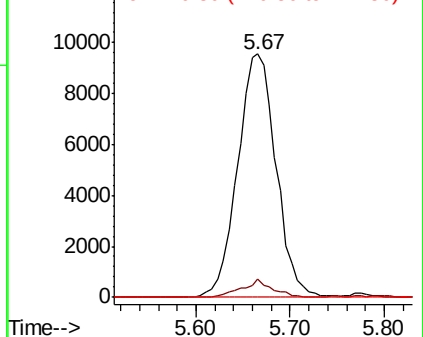
#38
Carbon Tetrachloride
Concen: 5.37 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

Instrument :
MSVOA_X
ClientSampled :
FL-0533DL

Tot Ion:117 Resp: 27142
Ion Ratio Lower Upper
117 100
119 7.4 79.5 119.3#
121 0.0 25.0 37.4#

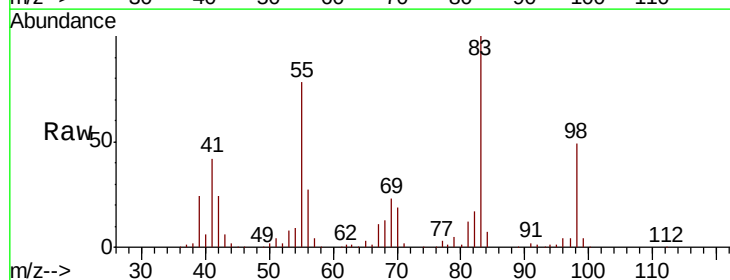


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

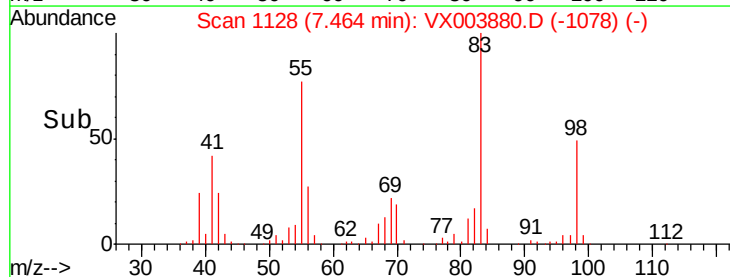
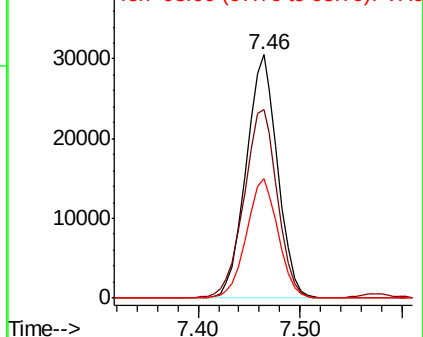


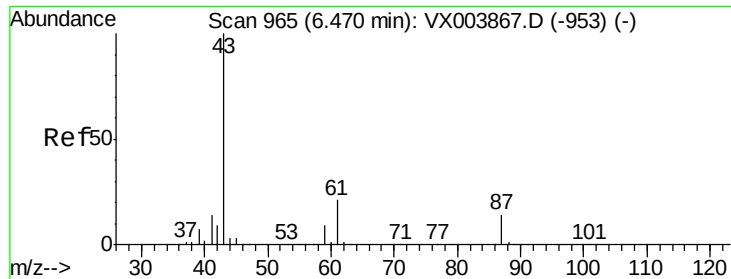
#39
Methylcyclohexane
Concen: 10.44 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

Tgt Ion: 83 Resp: 65442
Ion Ratio Lower Upper
83 100
55 77.6 61.0 91.6
98 49.3 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: 3.19 ug/l

RT: 6.34 min Scan# 944

Delta R.T. -0.13 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

FL-0533DL

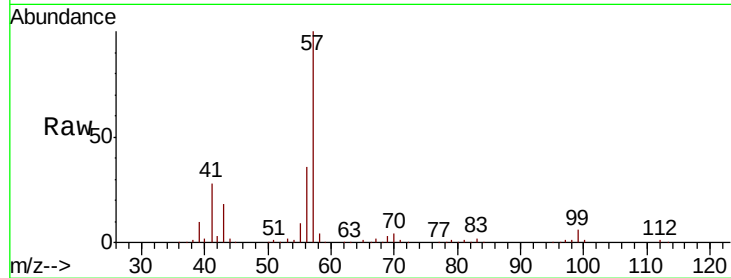
Tot Ion: 43 Resp: 28022

Ion Ratio Lower Upper

43 100

61 0.0 16.9 25.3#

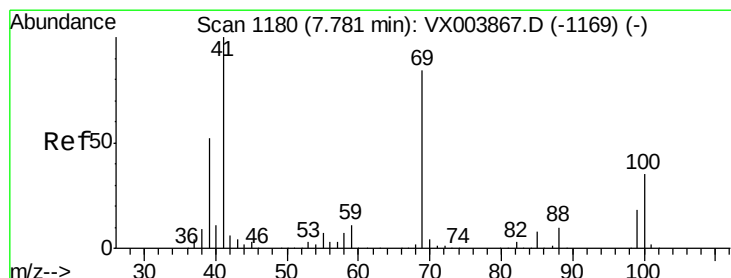
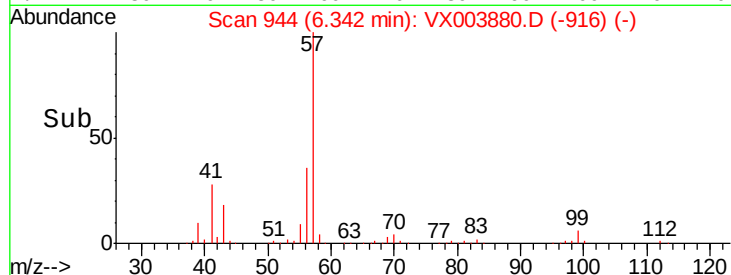
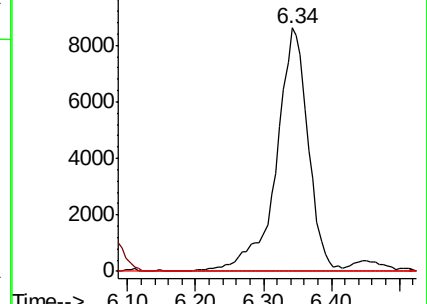
87 0.0 11.3 16.9#



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



#48

Methyl methacrylate

Concen: 0.77 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

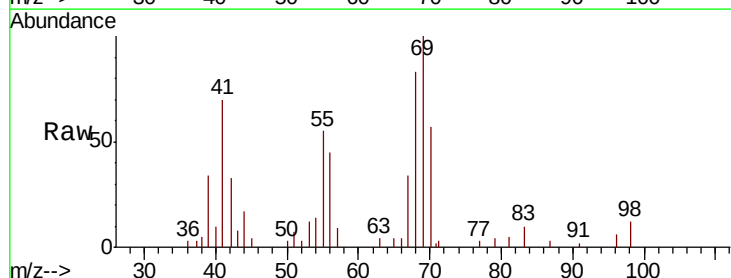
Tgt Ion: 41 Resp: 3436

Ion Ratio Lower Upper

41 100

69 148.9 68.8 103.2#

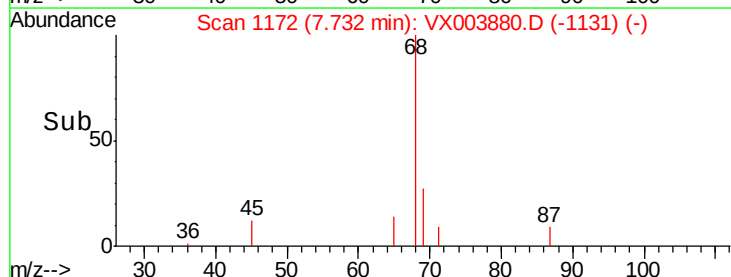
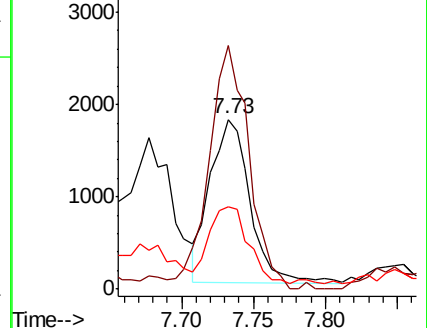
39 46.7 42.3 63.5

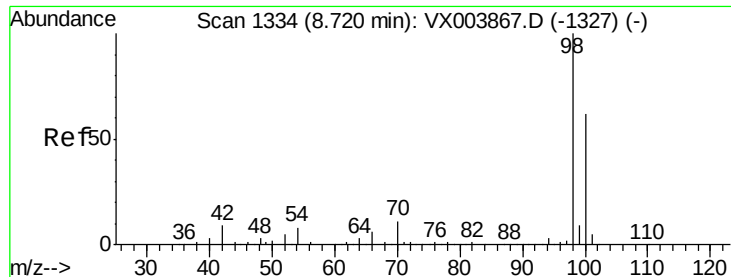


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

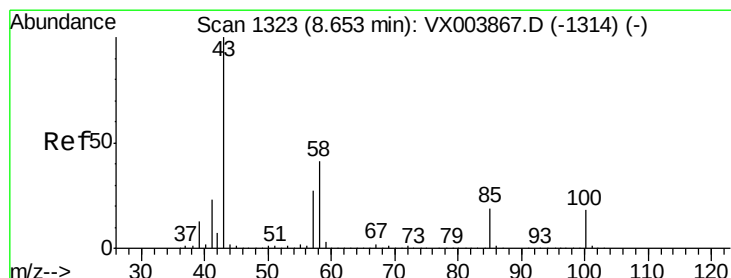
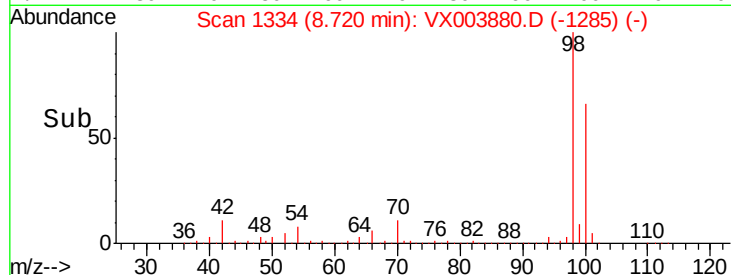
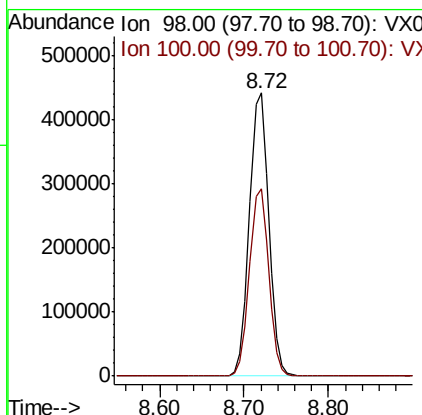
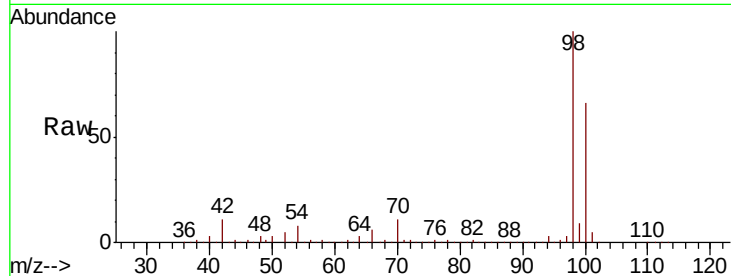




#50
Toluene-d8
Concen: 48.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

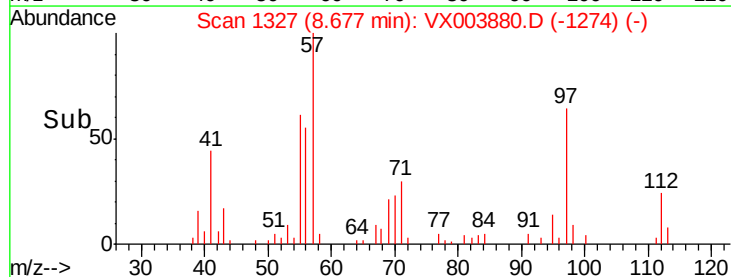
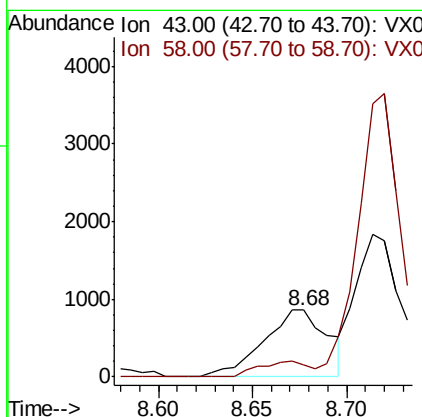
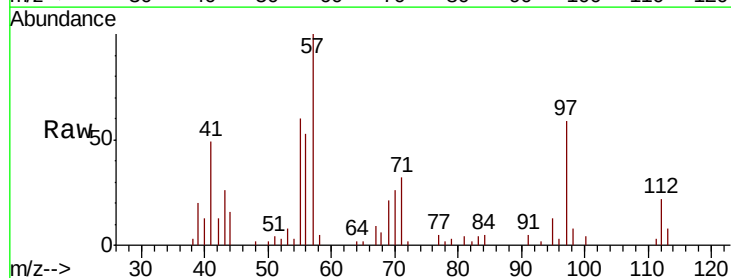
Instrument :
MSVOA_X
ClientSampleId :
FL-0533DL

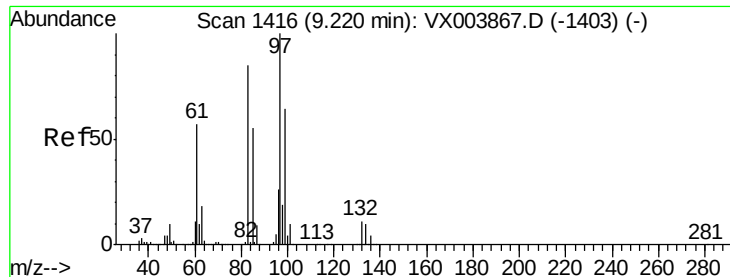
Tot Ion: 98 Resp: 680708
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 0.28 ug/l
RT: 8.68 min Scan# 1327
Delta R.T. 0.02 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

Tgt Ion: 43 Resp: 2023
Ion Ratio Lower Upper
43 100
58 18.4 33.0 49.6#

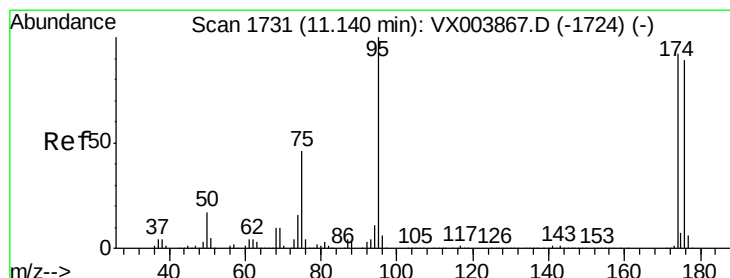
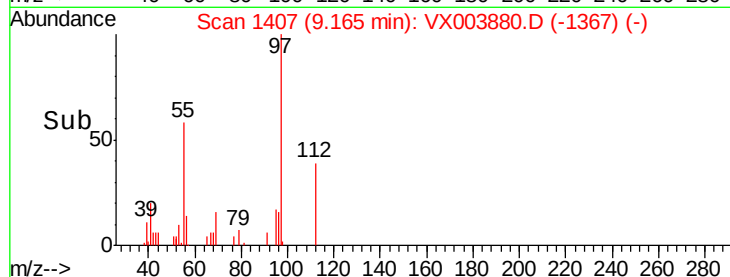
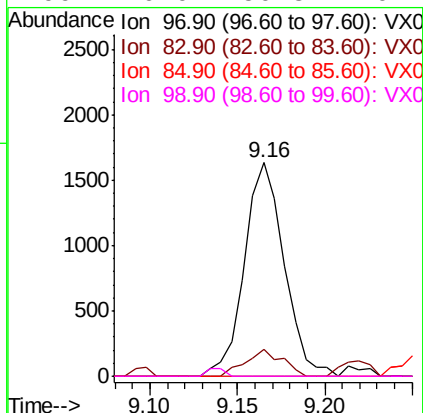
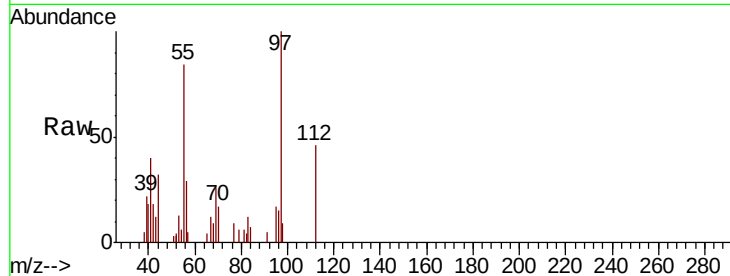




#55
 1,1,2-Trichloroethane
 Concen: 0.63 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX003880.D
 Acq: 07 Aug 2018 14:46

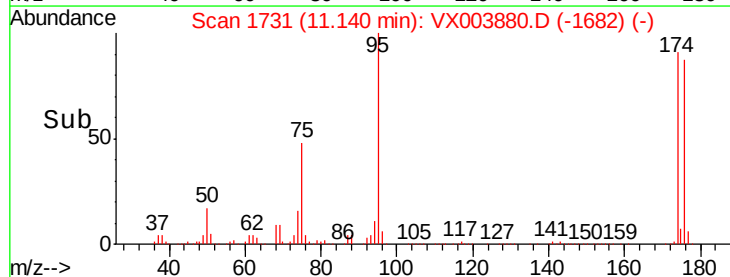
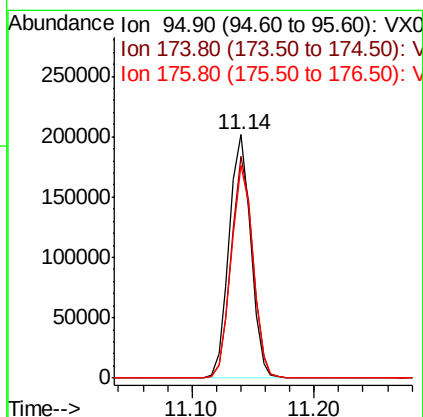
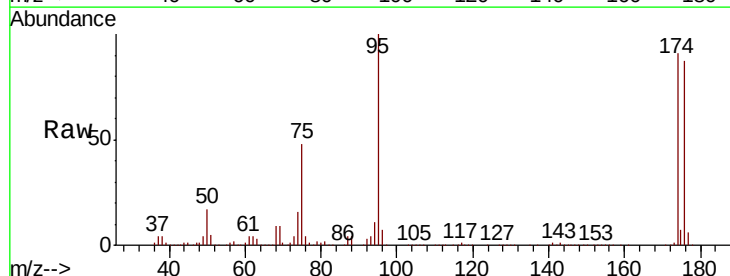
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0533DL

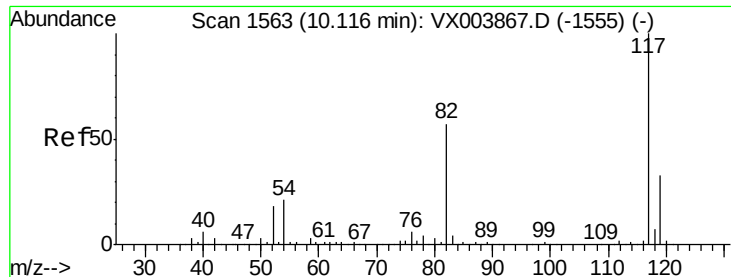
Tot Ion: 97 Resp: 2590
 Ion Ratio Lower Upper
 97 100
 83 12.4 67.8 101.6#
 85 0.0 44.2 66.2#
 99 0.0 50.8 76.2#



#62
 4-Bromofluorobenzene
 Concen: 54.69 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003880.D
 Acq: 07 Aug 2018 14:46

Tgt Ion: 95 Resp: 247404
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 182.8
 176 87.4 0.0 179.0

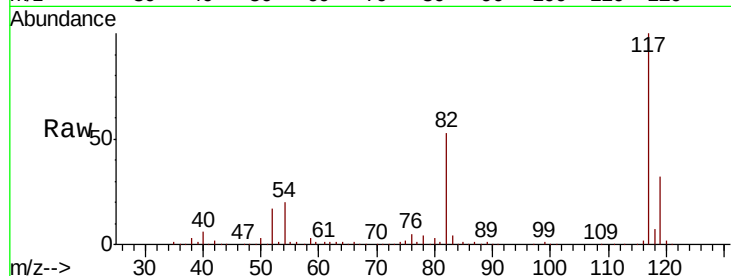




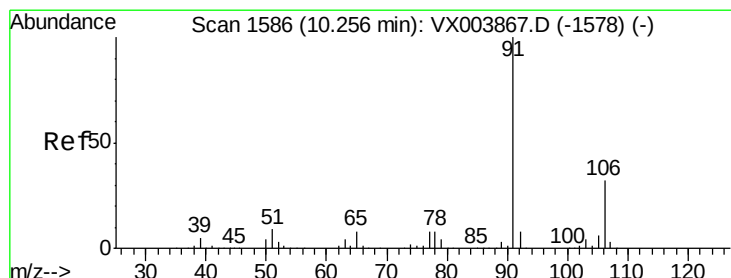
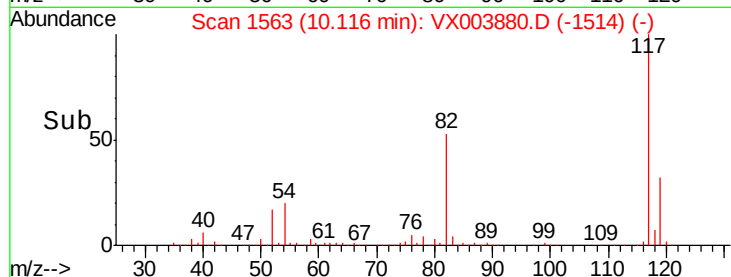
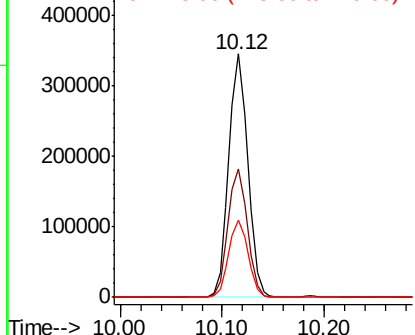
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0533DL

Tot Ion:117 Resp: 445538
Ion Ratio Lower Upper
117 100
82 52.9 45.4 68.0
119 31.8 26.6 40.0

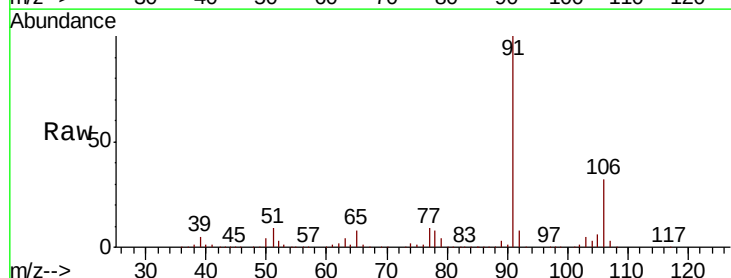


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

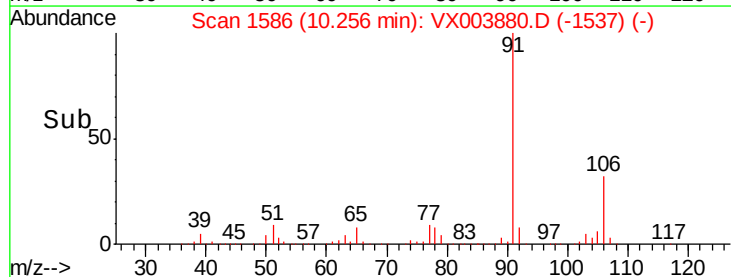
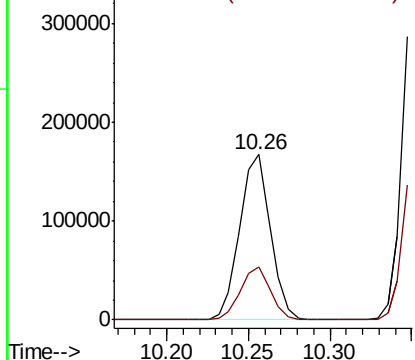


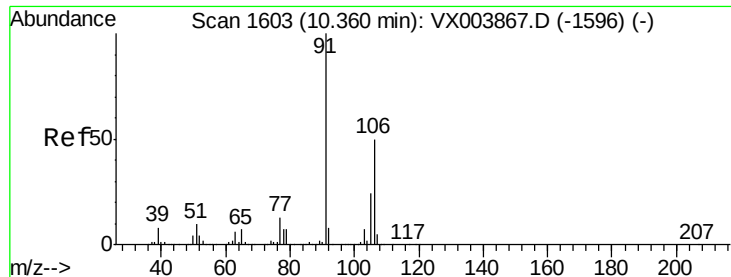
#67
Ethyl Benzene
Concen: 11.65 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

Tgt Ion: 91 Resp: 221028
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9



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

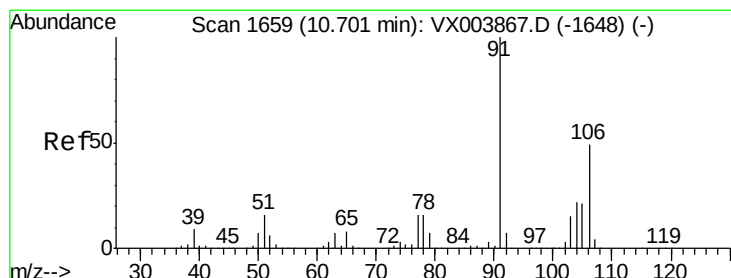
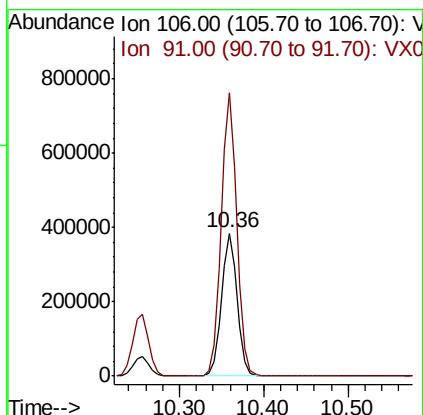
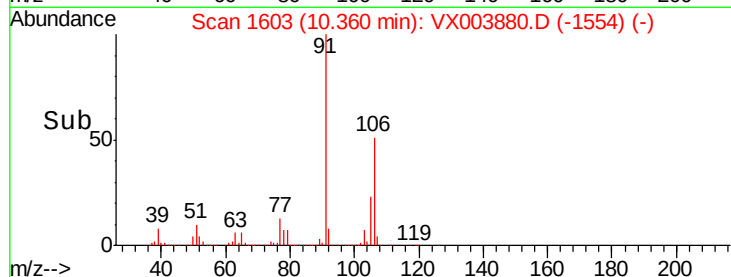
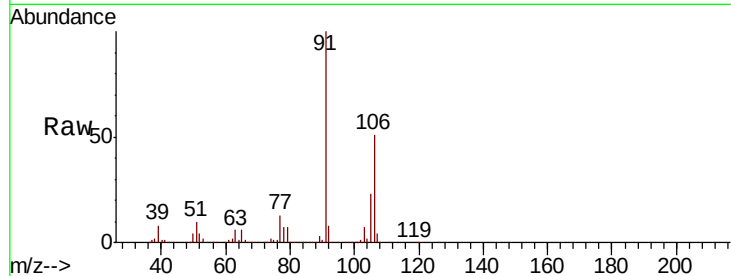




#68
m/p-Xylenes
Concen: 66.43 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

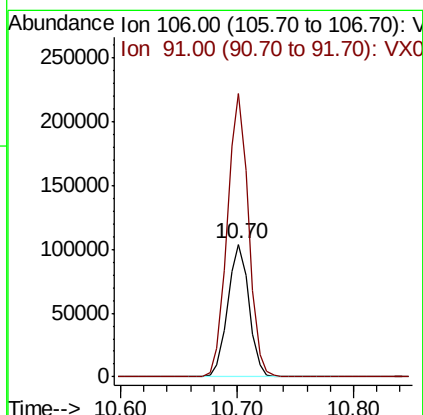
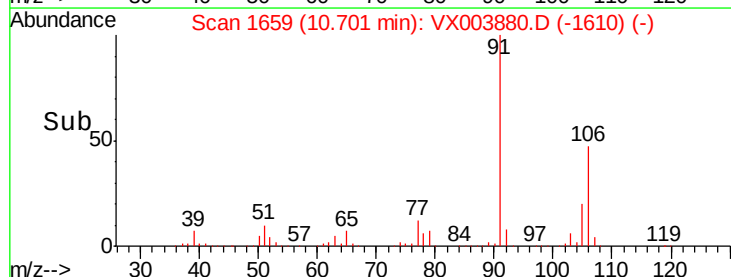
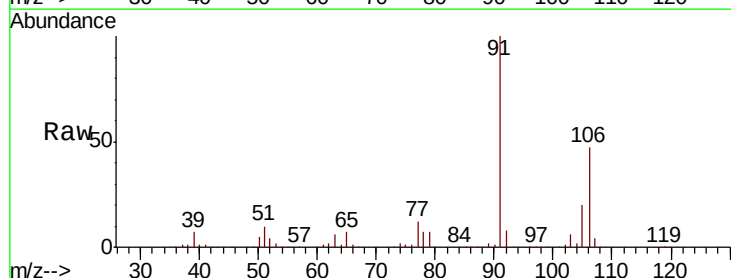
Instrument :
MSVOA_X
ClientSampled :
FL-0533DL

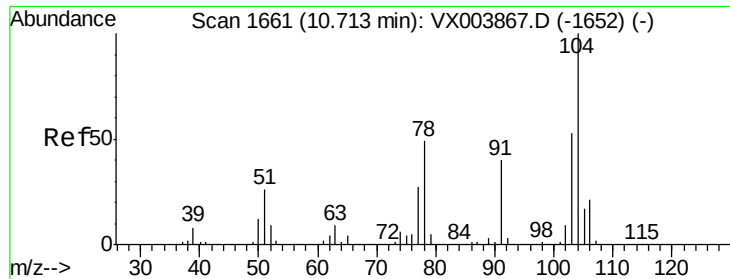
Tot Ion:106 Resp: 492603
Ion Ratio Lower Upper
106 100
91 198.3 162.3 243.5



#69
o-Xylene
Concen: 18.91 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

Tgt Ion:106 Resp: 132345
Ion Ratio Lower Upper
106 100
91 212.2 101.9 305.7





#70

Stvrene

Concen: 0.69 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

FL-0533DL

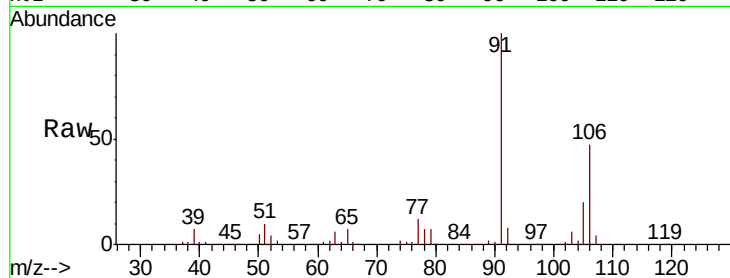
Tot Ion:104 Resp: 7869

Ion Ratio Lower Upper

104 100

78 237.1 39.8 59.6#

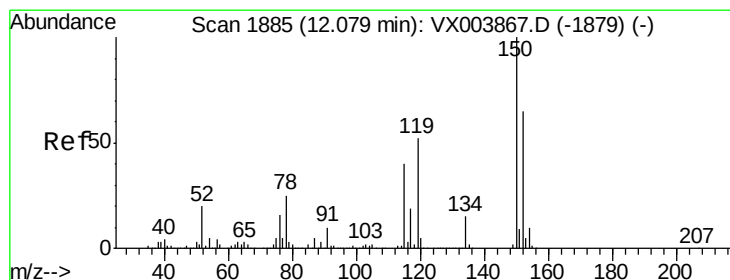
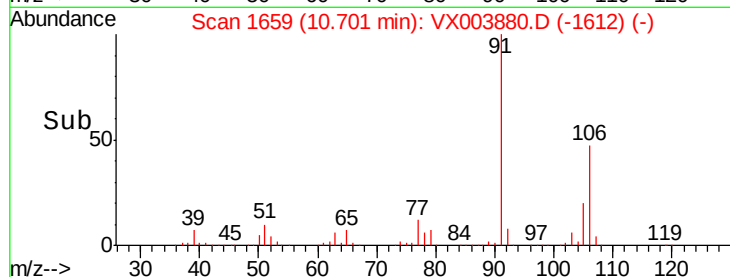
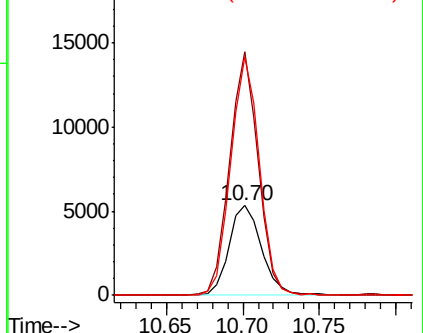
103 233.6 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

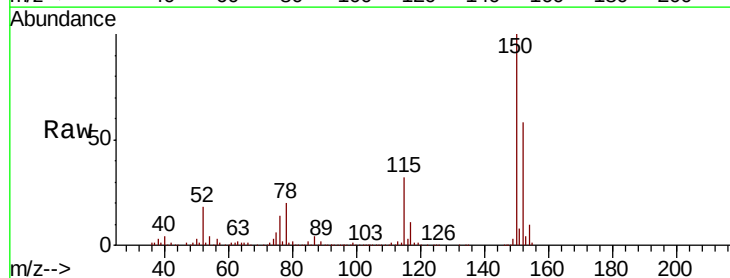
Tgt Ion:152 Resp: 231500

Ion Ratio Lower Upper

152 100

115 55.2 39.1 117.3

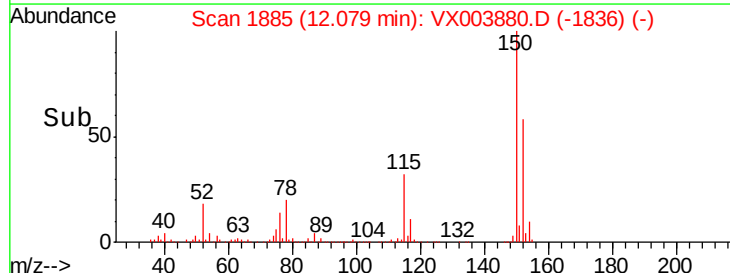
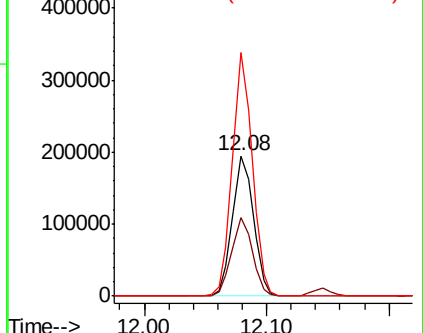
150 164.7 0.0 349.2

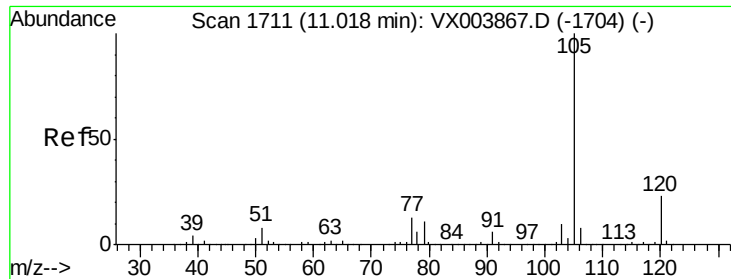


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.20 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

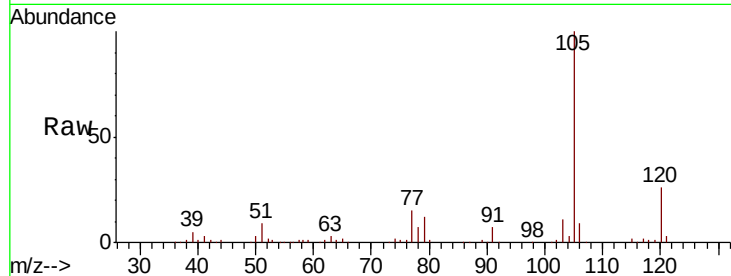
FL-0533DL

Tot Ion:105 Resp: 54836

Ion Ratio Lower Upper

105 100

120 27.2 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

40000

30000

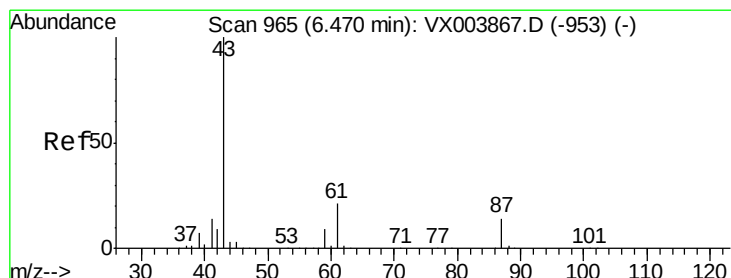
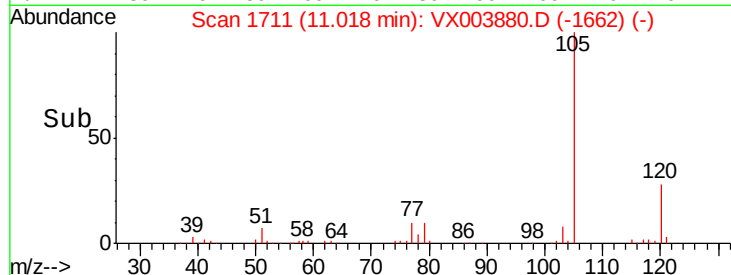
20000

10000

0

Time-->

11.00 11.10



#74

N-amyl acetate

Concen: 3.15 ug/l

RT: 6.34 min Scan# 944

Delta R.T. -0.13 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Tgt Ion: 43 Resp: 28023

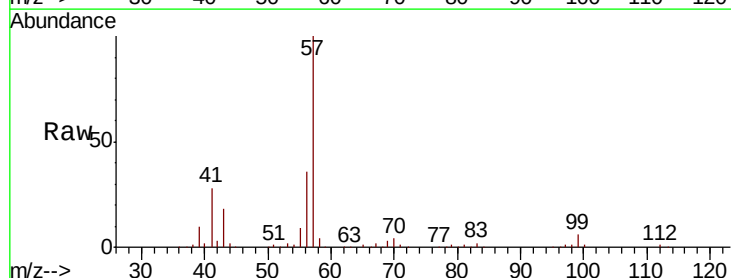
Ion Ratio Lower Upper

43 100

70 26.7 0.0 0.0#

55 50.8 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

6.34

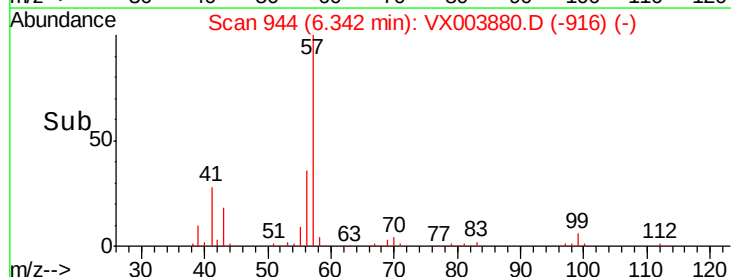
10000

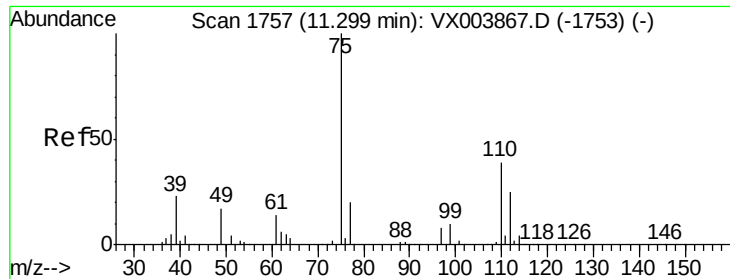
5000

0

Time-->

6.10 6.20 6.30 6.40

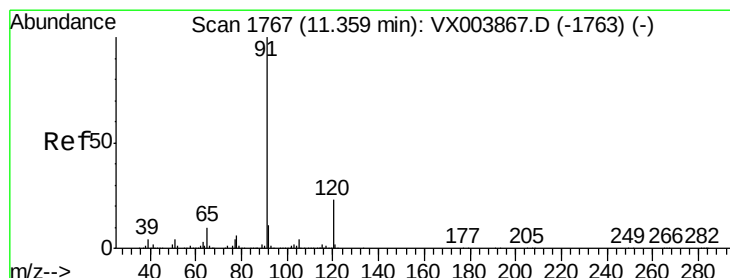
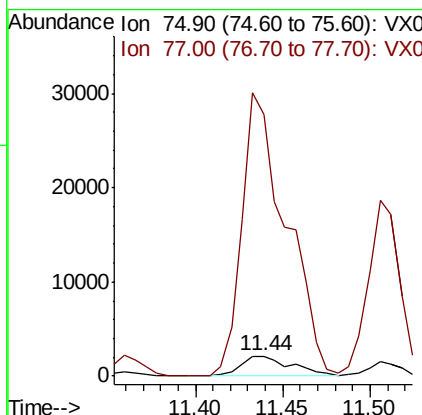
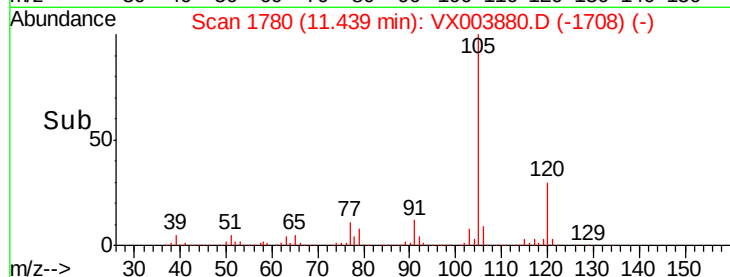
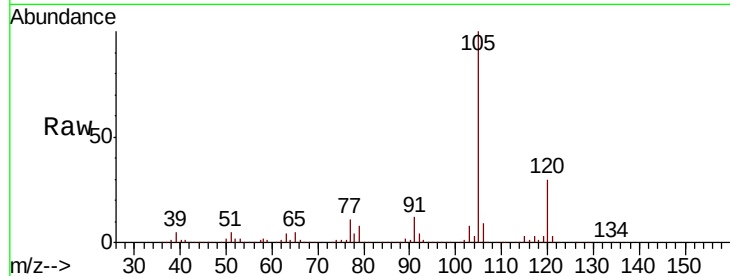




#76
 1,2,3-Trichloropropane
 Concen: 0.85 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. 0.14 min
 Lab File: VX003880.D
 Acq: 07 Aug 2018 14:46

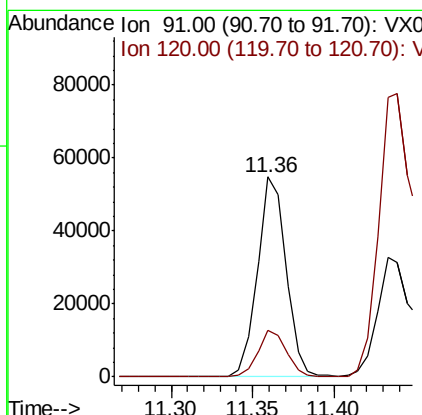
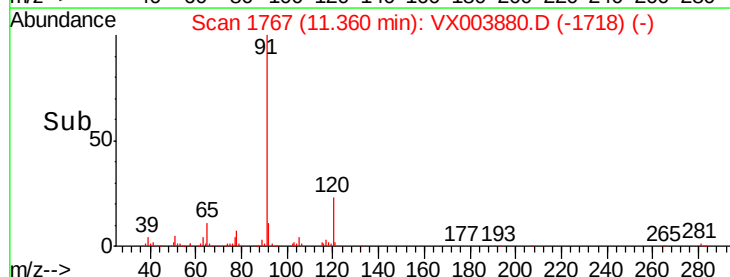
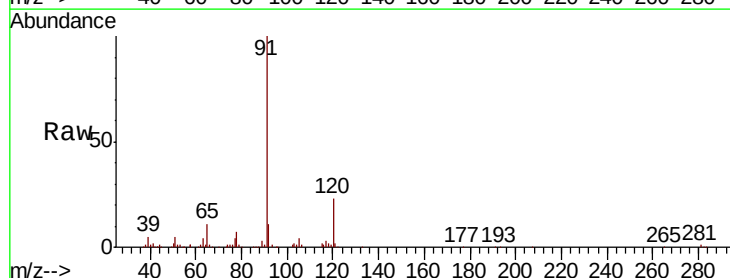
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0533DL

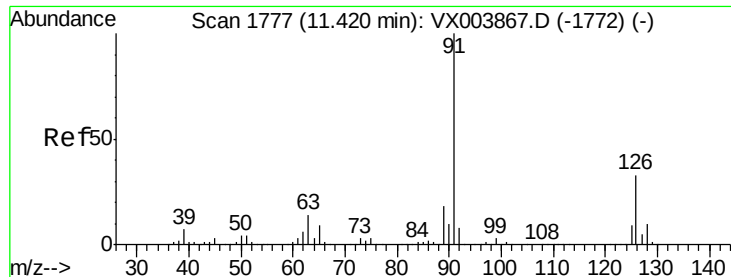
Tot Ion: 75 Resp: 4335
 Ion Ratio Lower Upper
 75 100
 77 1222.0 20.8 62.5#



#78
 n-propylbenzene
 Concen: 3.50 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: VX003880.D
 Acq: 07 Aug 2018 14:46

Tgt Ion: 91 Resp: 67319
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.9 35.5





#79

2-Chlorotoluene

Concen: 4.91 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

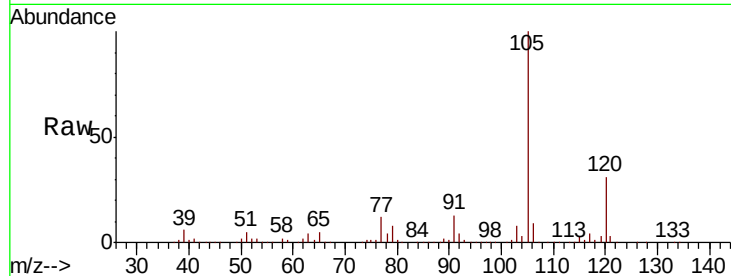
FL-0533DL

Tot Ion: 91 Resp: 57572

Ion Ratio Lower Upper

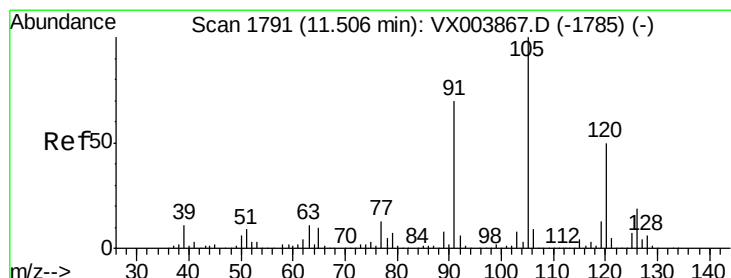
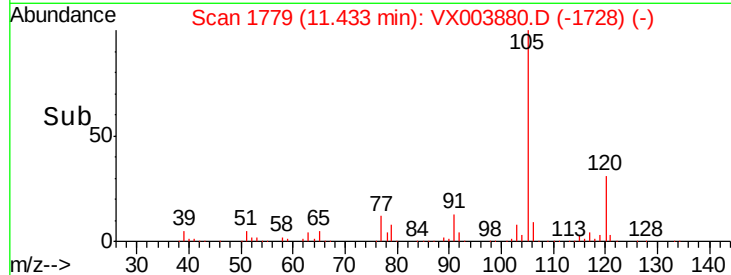
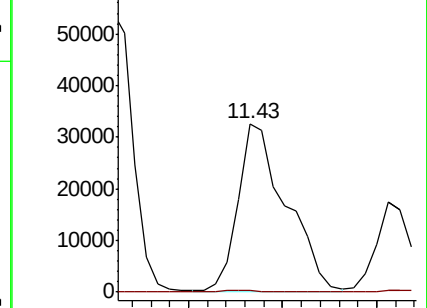
91 100

126 0.8 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 13.66 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003880.D

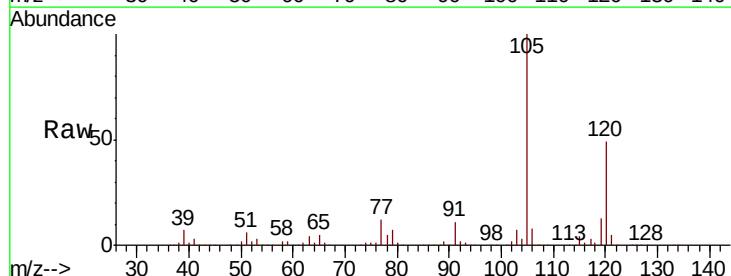
Acq: 07 Aug 2018 14:46

Tgt Ion:105 Resp: 190746

Ion Ratio Lower Upper

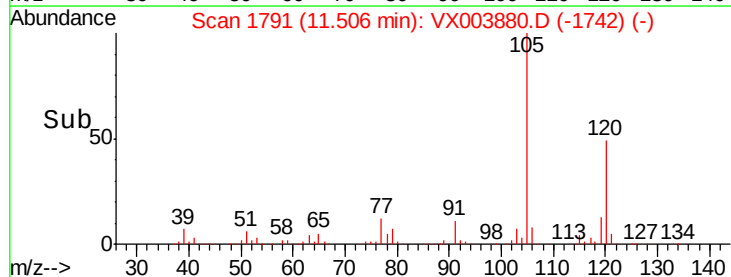
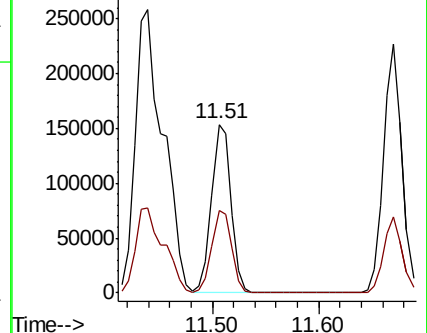
105 100

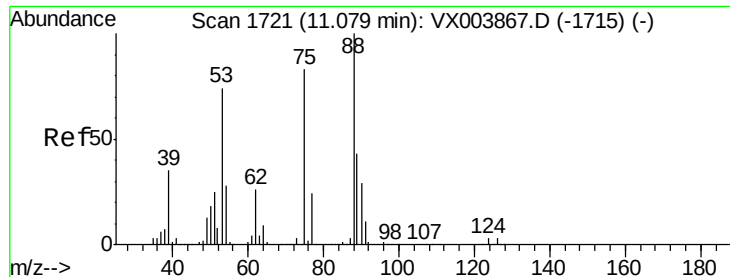
120 50.2 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 62.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

FL-0533DL

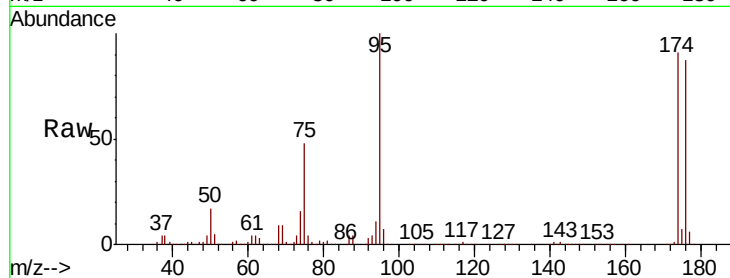
Tot Ion: 75 Resp: 118040

Ion Ratio Lower Upper

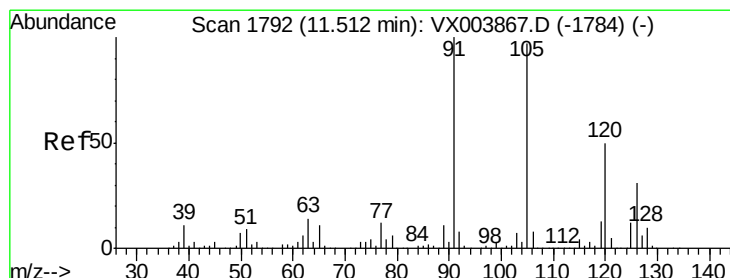
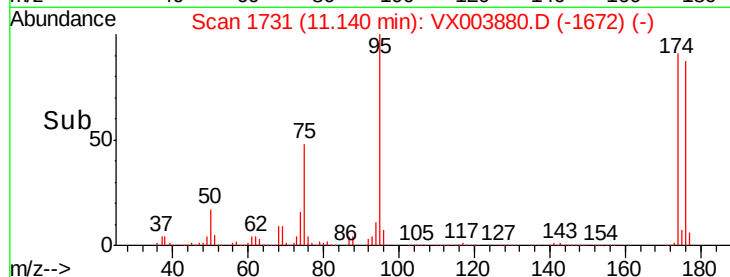
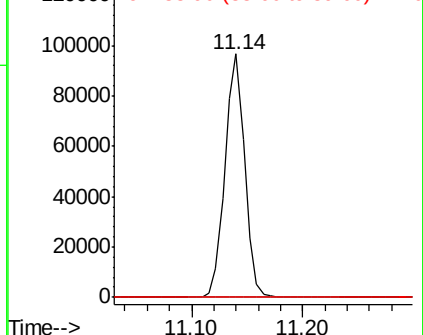
75 100

53 0.1 80.3 120.5#

89 0.0 37.8 56.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.56 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003880.D

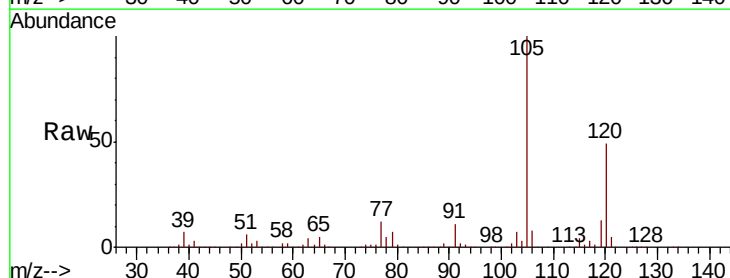
Acq: 07 Aug 2018 14:46

Tgt Ion: 91 Resp: 21469

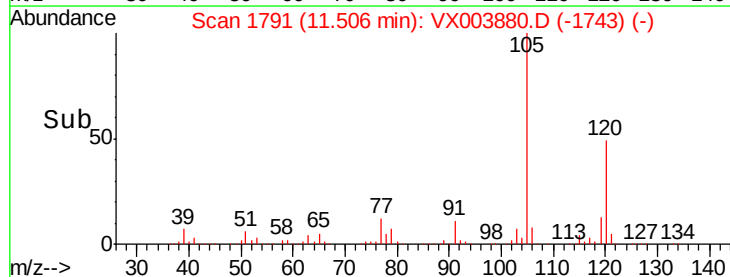
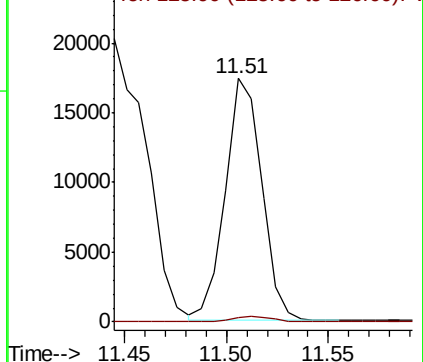
Ion Ratio Lower Upper

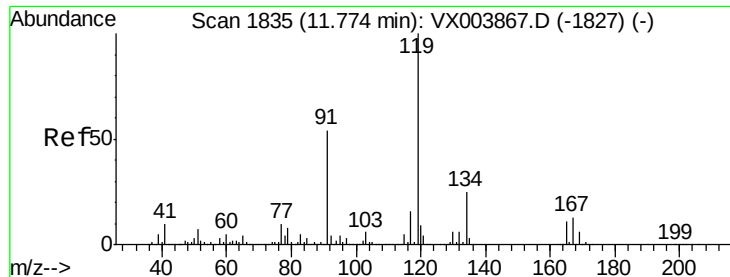
91 100

126 2.4 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: 5.32 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.04 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampleID :

FL-0533DL

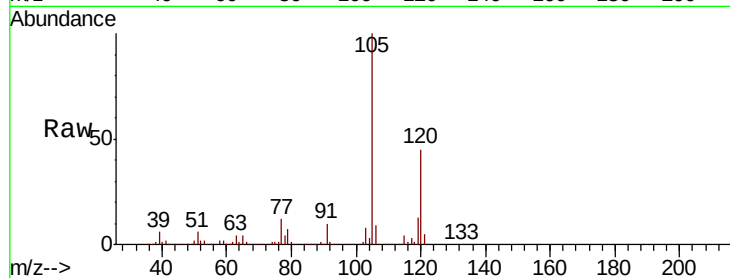
Tot Ion:119 Resp: 73060

Ion Ratio Lower Upper

119 100

91 83.2 26.9 80.7#

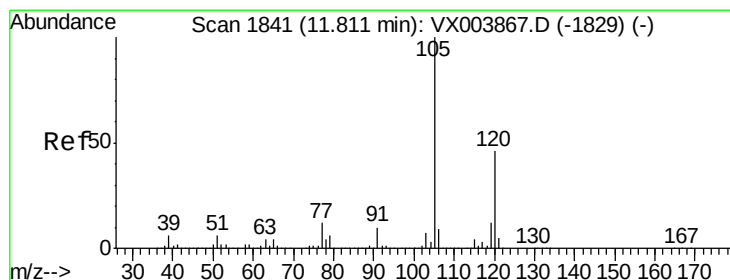
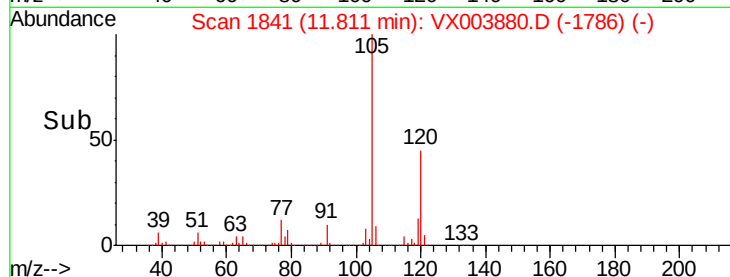
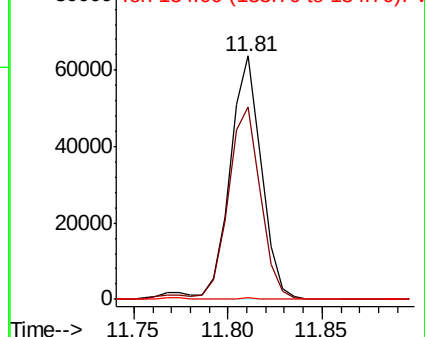
134 0.6 12.0 36.0#



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: 40.65 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003880.D

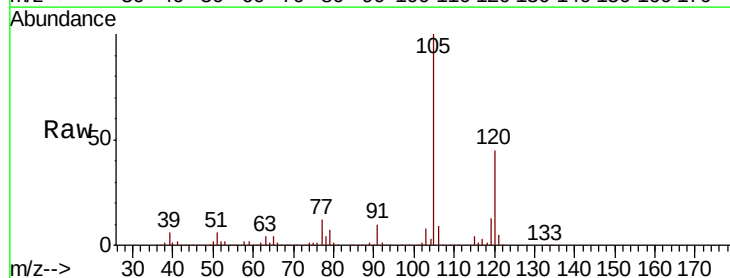
Acq: 07 Aug 2018 14:46

Tgt Ion:105 Resp: 570745

Ion Ratio Lower Upper

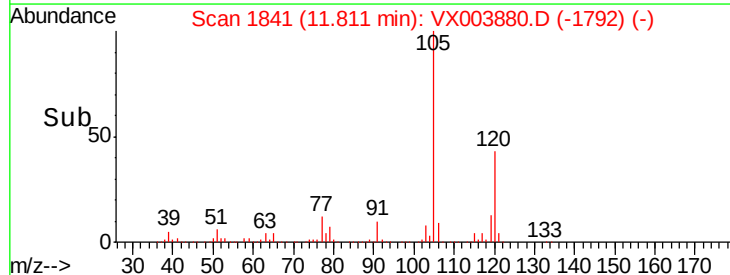
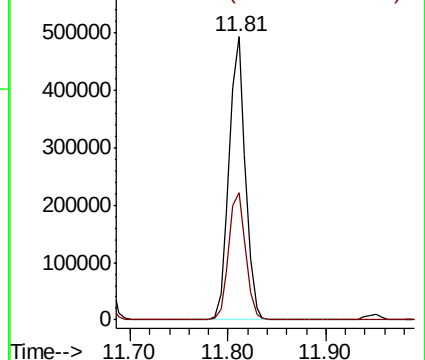
105 100

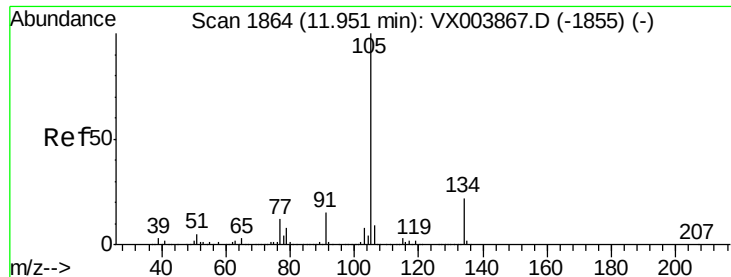
120 46.9 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 35.20 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

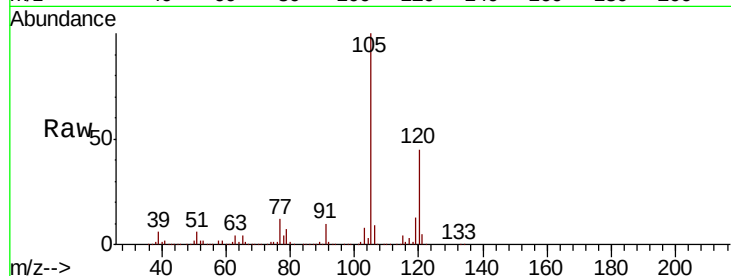
FL-0533DL

Tot Ion:105 Resp: 570745

Ion Ratio Lower Upper

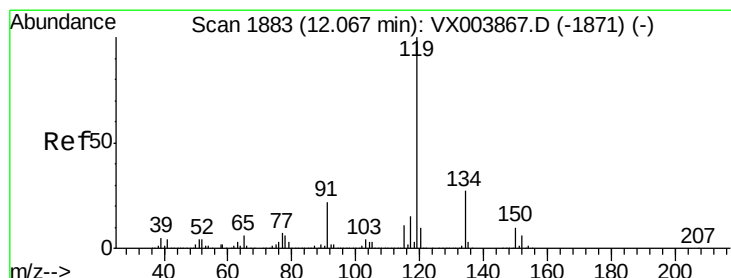
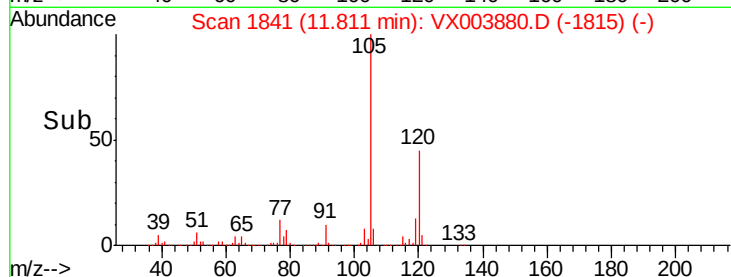
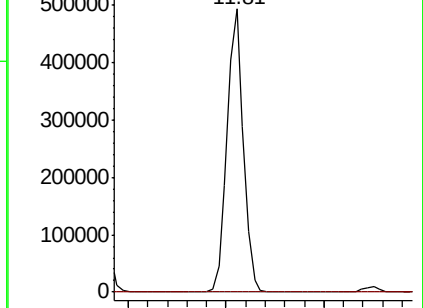
105 100

134 0.1 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.82 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003880.D

Acq: 07 Aug 2018 14:46

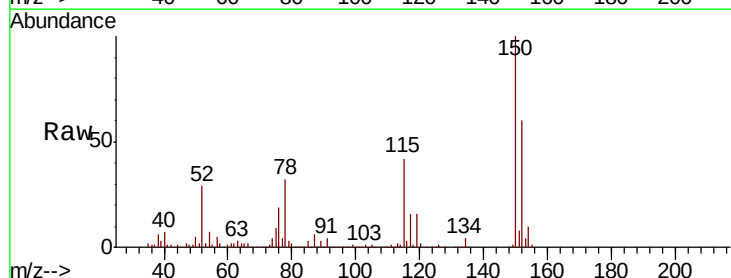
Tgt Ion:119 Resp: 11958

Ion Ratio Lower Upper

119 100

134 28.6 13.3 39.8

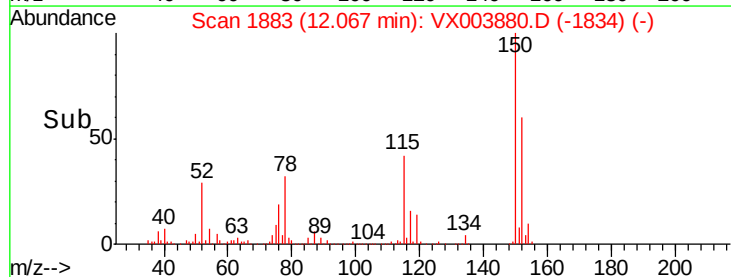
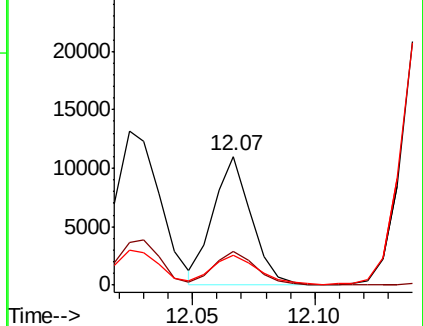
91 27.2 10.9 32.7

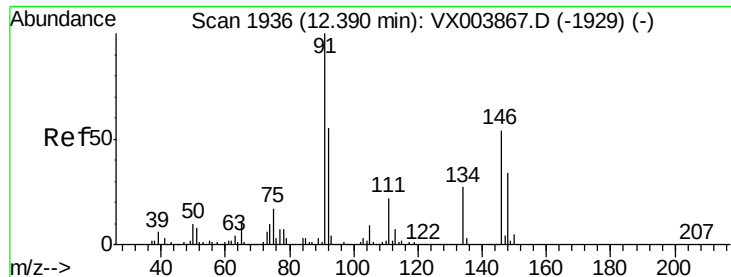


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

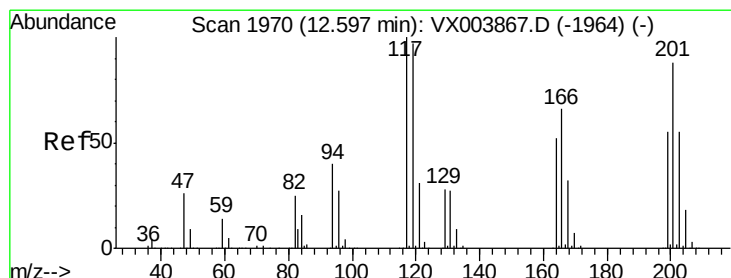
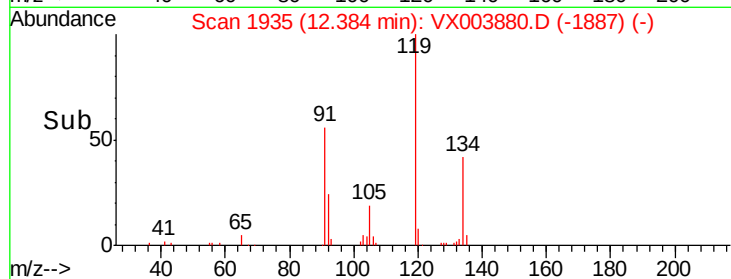
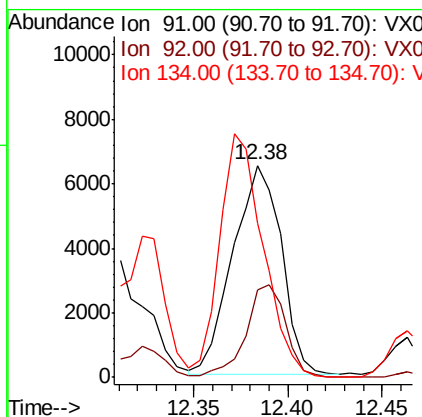
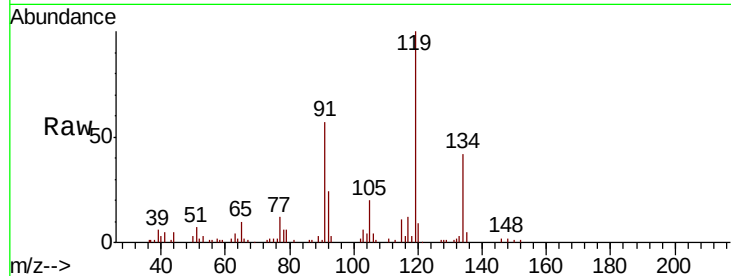




#89
n-Butylbenzene
Concen: 0.91 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

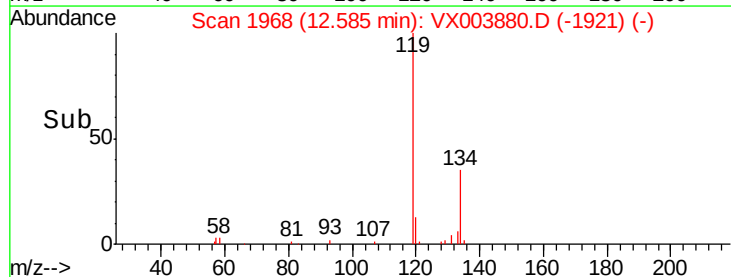
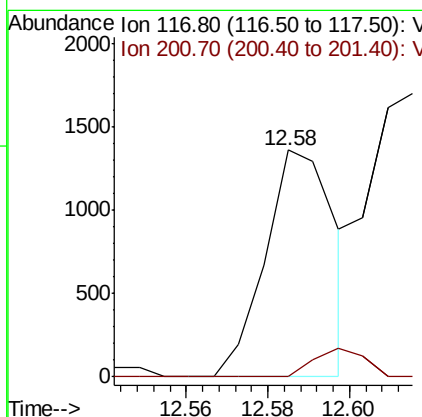
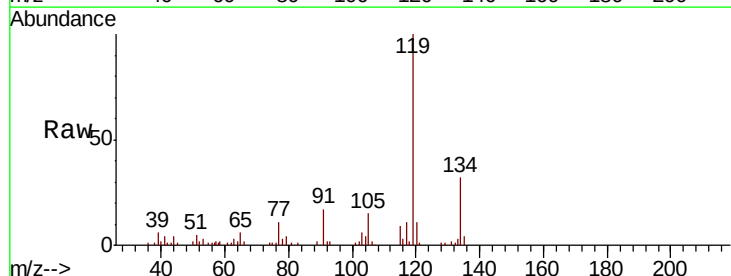
Instrument :
MSVOA_X
ClientSampleId :
FL-0533DL

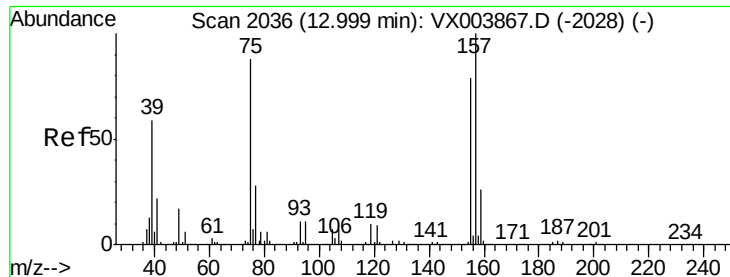
Tot Ion: 91 Resp: 11597
Ion Ratio Lower Upper
91 100
92 36.6 27.1 81.3
134 104.0 13.6 40.7#



#90
Hexachloroethane
Concen: 0.68 ug/l
RT: 12.58 min Scan# 1968
Delta R.T. -0.01 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

Tgt Ion: 117 Resp: 1614
Ion Ratio Lower Upper
117 100
201 9.0 46.1 138.2#

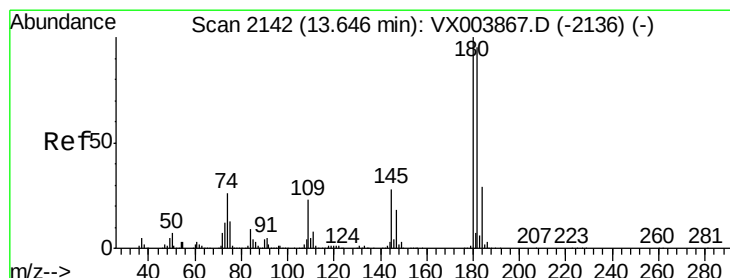
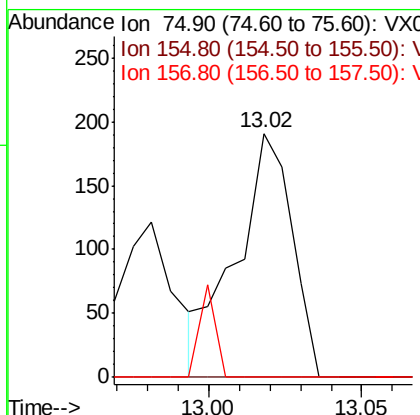
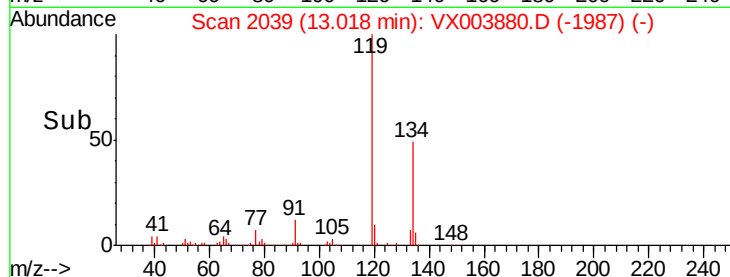
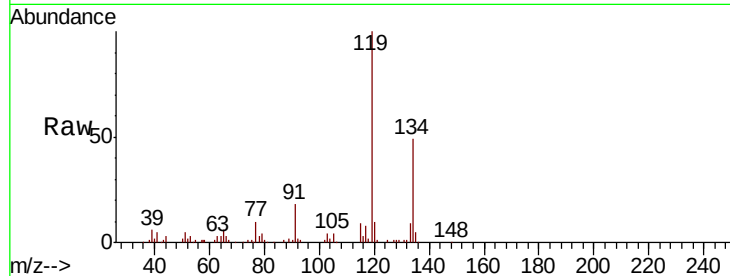




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.20 ug/l
 RT: 13.02 min Scan# 2039
 Delta R.T. 0.02 min
 Lab File: VX003880.D
 Acq: 07 Aug 2018 14:46

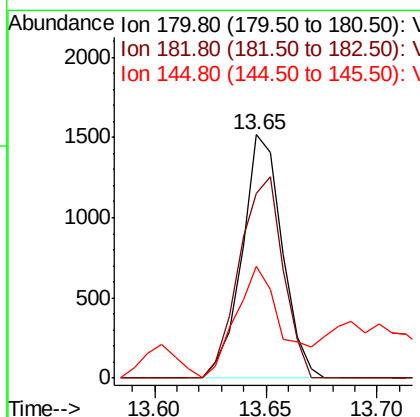
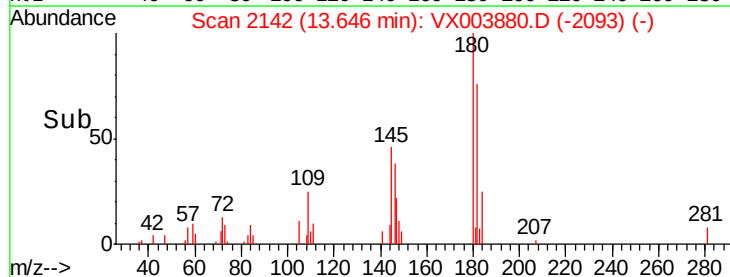
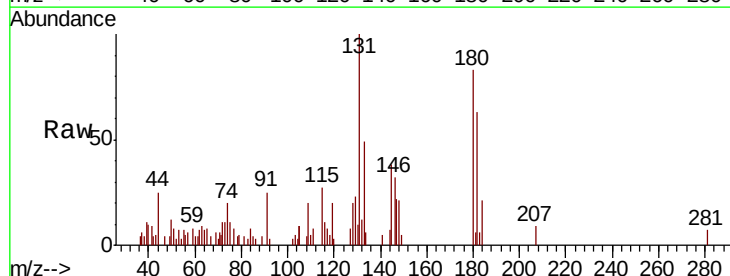
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0533DL

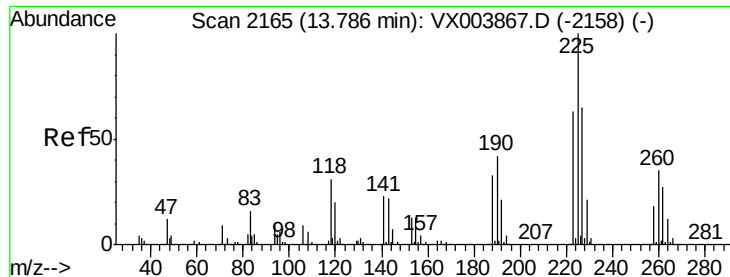
Tot Ion: 75 Resp: 242
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 10.7 62.6 187.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.32 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003880.D
 Acq: 07 Aug 2018 14:46

Tgt Ion: 180 Resp: 1909
 Ion Ratio Lower Upper
 180 100
 182 89.7 47.7 143.1
 145 53.6 13.9 41.6#

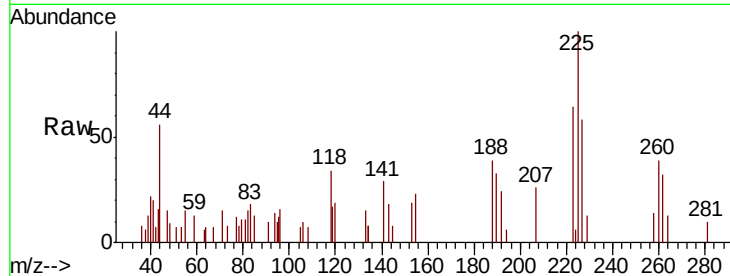




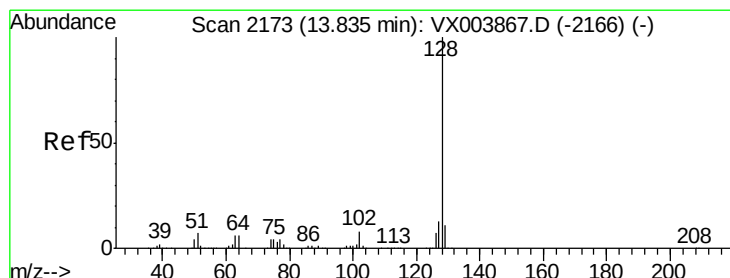
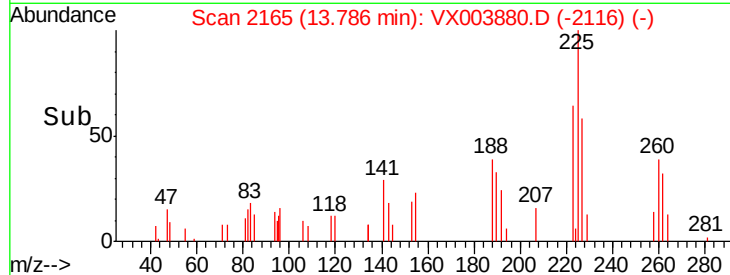
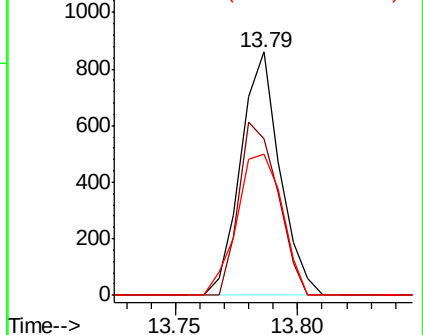
#94
Hexachlorobutadiene
Concen: 0.79 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0533DL

Tot Ion:225 Resp: 962
Ion Ratio Lower Upper
225 100
223 70.4 31.4 94.0
227 67.3 32.1 96.5

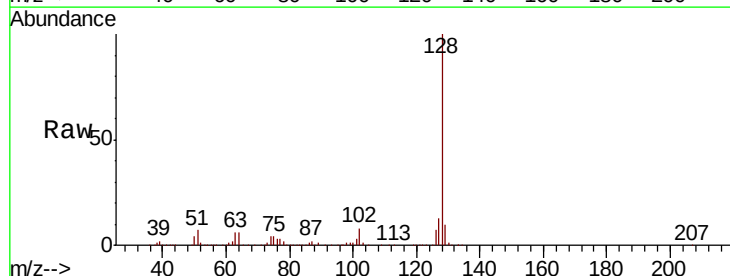


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

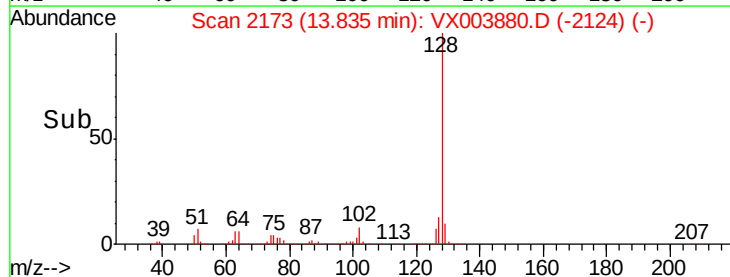
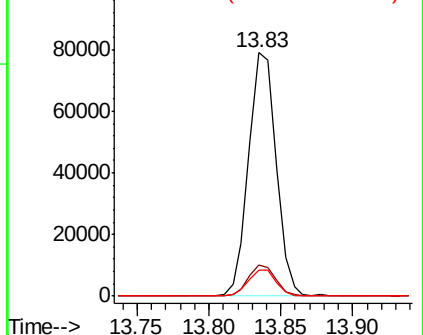


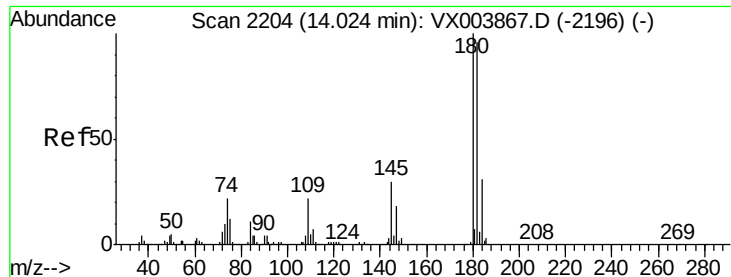
#95
Naphthalene
Concen: 6.09 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003880.D
Acq: 07 Aug 2018 14:46

Tgt Ion:128 Resp: 104939
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.22 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003880.D
 Acq: 07 Aug 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0533DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.1	144.4
145	63.3	14.9	44.7#

