

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004220.D
 Acq On : 23 Aug 2018 12:20
 Operator : JC/MD
 Sample : J4579-03DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0545DL

Quant Time: Aug 24 09:37:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	310584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	488179	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	436652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	281213	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	209167	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	5.50	113	177737	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	686351	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.14	95	261974	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1616	0.69	ug/l	91
5) Bromomethane	1.64	94	1648	Below	Cal	93
6) Chloroethane	1.73	64	632	1.16	ug/l #	44
10) Methyl Iodide	2.51	142	1380	4.59	ug/l	92
11) Tert butyl alcohol	3.02	59	1249	1.45	ug/l #	72
13) Acrolein	2.29	56	113	0.54	ug/l #	1
15) Acrylonitrile	3.15	53	795	0.37	ug/l #	40
16) Acetone	2.45	43	2570	Below	Cal	98
17) Carbon Disulfide	2.57	76	1157	0.92	ug/l #	80
20) Methylene Chloride	2.85	84	2124	0.55	ug/l	93
25) 2-Butanone	4.71	43	356	Below	Cal #	47
29) Tetrahydrofuran	5.17	42	1235	0.71	ug/l #	85
31) Cyclohexane	5.57	56	23097	4.07	ug/l	93
36) 1,1-Dichloropropene	5.66	75	20622	3.76	ug/l #	50
38) Carbon Tetrachloride	5.66	117	27581	5.34	ug/l #	14
39) Methylcyclohexane	7.46	83	17389	2.78	ug/l	98
40) Benzene	6.13	78	4888	0.30	ug/l	92
52) Toluene	8.79	92	13354	1.30	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	1050	0.25	ug/l #	16
67) Ethyl Benzene	10.26	91	265875	14.94	ug/l	98
68) m/p-Xylenes	10.36	106	330089	47.43	ug/l	98
69) o-Xylene	10.70	106	96176	14.61	ug/l	94
70) Styrene	10.70	104	5187	0.49	ug/l #	1
73) Isopropylbenzene	11.02	105	19023	1.03	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	124368	21.75	ug/l #	37
78) n-propylbenzene	11.36	91	30282	1.43	ug/l	99
79) 2-Chlorotoluene	11.43	91	14881	1.14	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	51340	3.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	124368	70.55	ug/l #	10
82) 4-Chlorotoluene	11.51	91	6461	0.42	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.81	105	142840	9.10	ug/l	99
85) sec-Butylbenzene	11.81	105	142840	7.82	ug/l #	55
86) p-Isopropyltoluene	12.02	119	4308	0.26	ug/l	95
89) n-Butylbenzene	12.38	91	4884	0.37	ug/l #	41

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

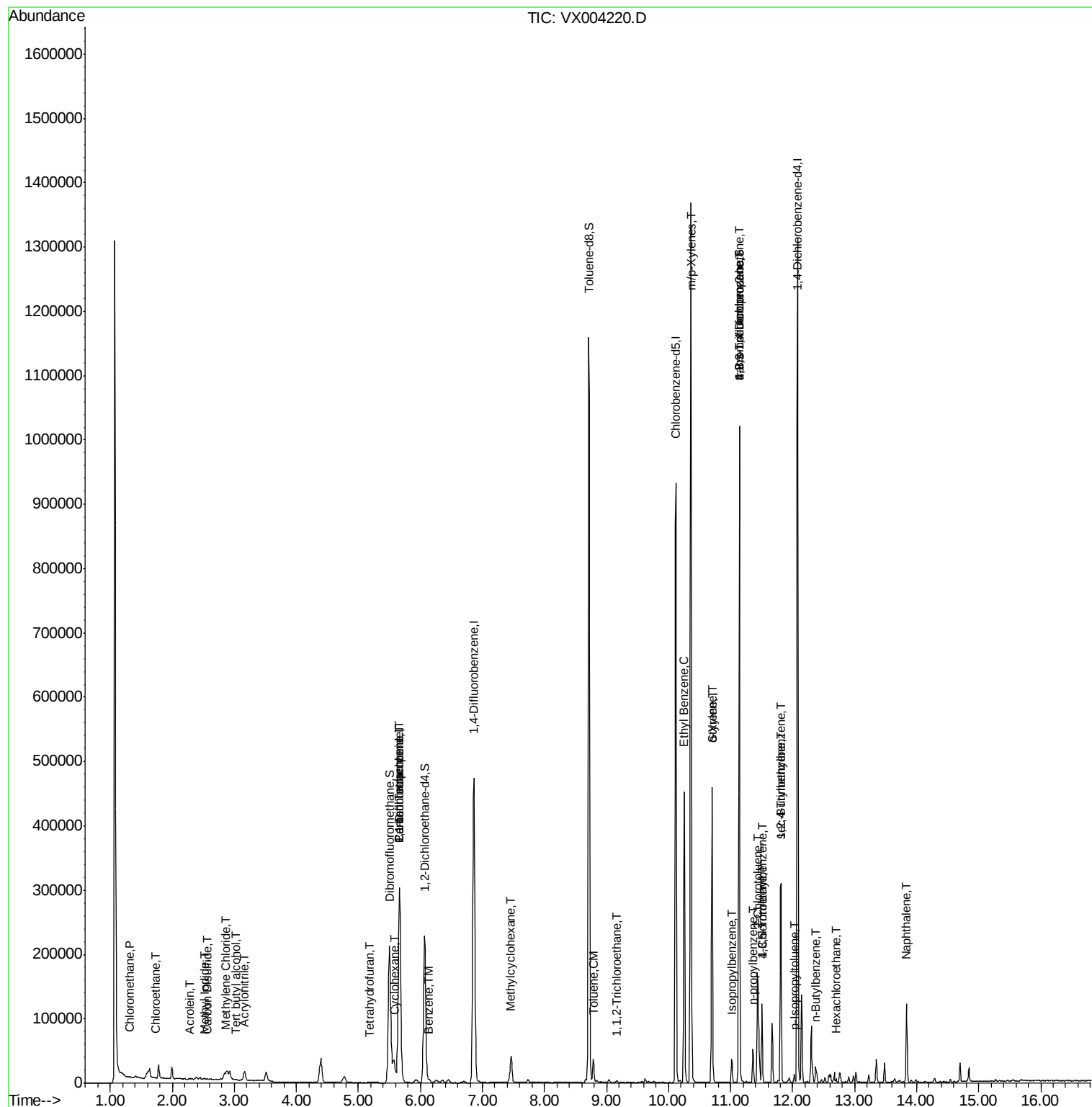
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.70	117	1880	0.82	ug/l #	3
94) Hexachlorobutadiene	13.78	225	278	Below Cal		97
95) Naphthalene	13.83	128	77155	4.21	ug/l	99

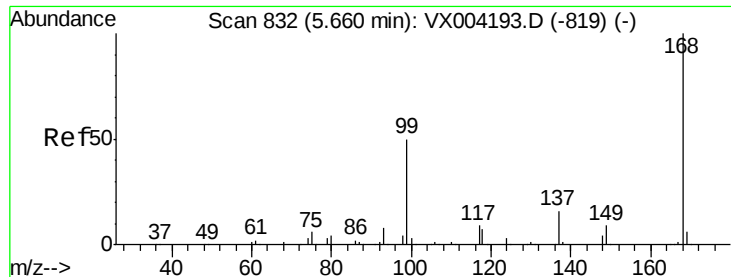
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampled :

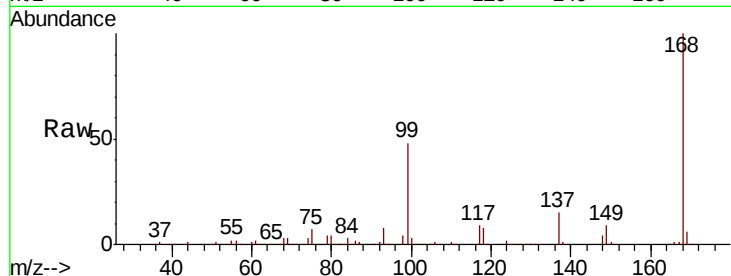
FL-0545DL

Tot Ion:168 Resp: 310584

Ion Ratio Lower Upper

168 100

99 48.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

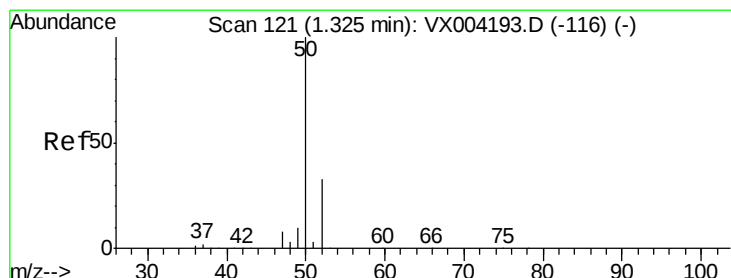
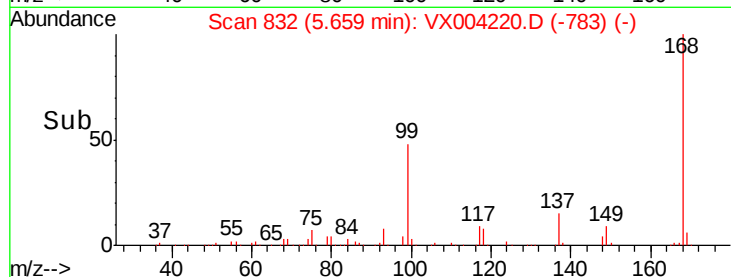
5.66

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.69 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004220.D

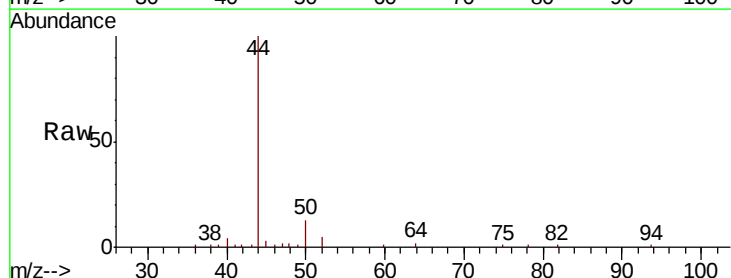
Acq: 23 Aug 2018 12:20

Tgt Ion: 50 Resp: 1616

Ion Ratio Lower Upper

50 100

52 38.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

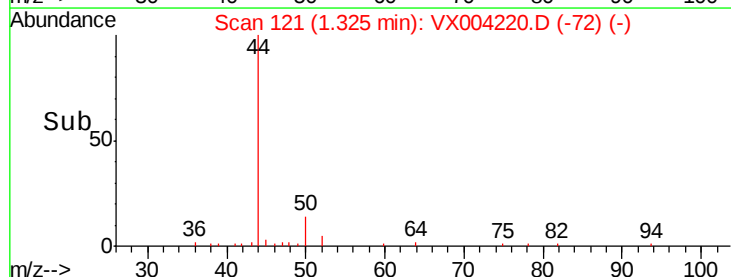
600

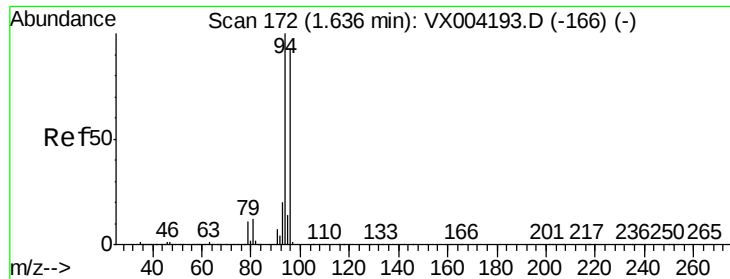
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampled :

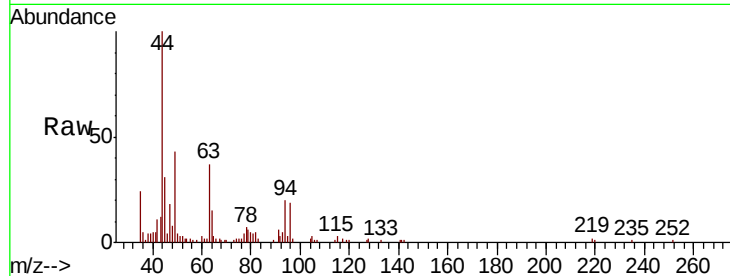
FL-0545DL

Tot Ion: 94 Resp: 1648

Ion Ratio Lower Upper

94 100

96 86.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1000

800

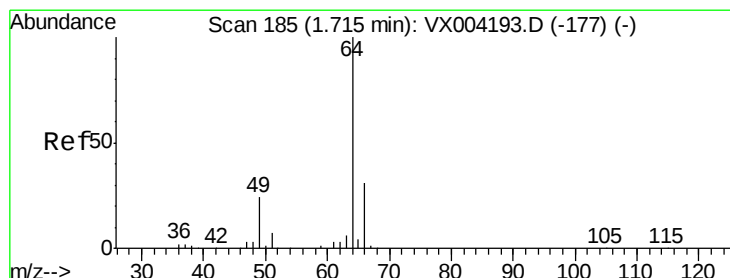
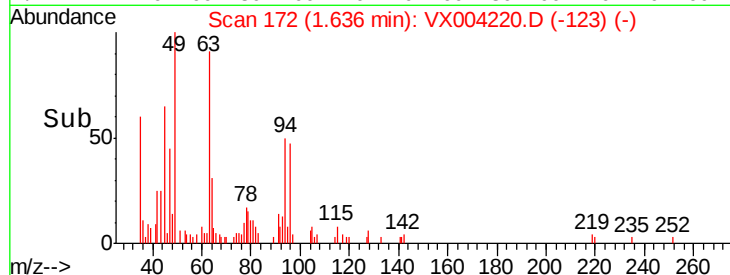
600

400

200

0

Time-->



#6

Chloroethane

Concen: 1.16 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.02 min

Lab File: VX004220.D

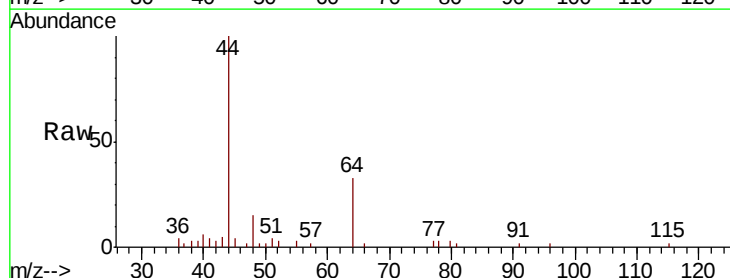
Acq: 23 Aug 2018 12:20

Tgt Ion: 64 Resp: 632

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

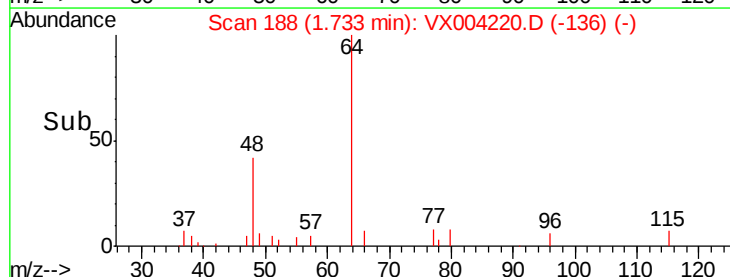
1.73

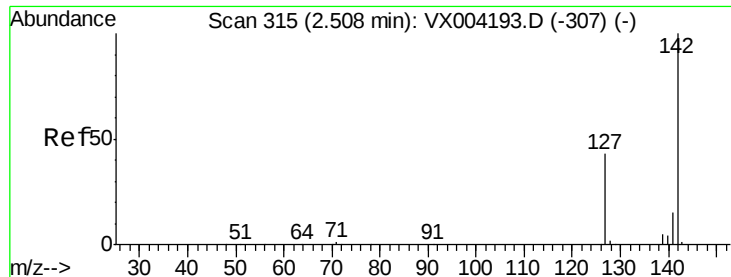
1000

500

0

Time-->

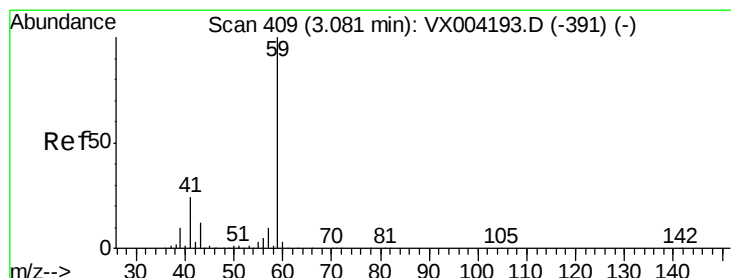
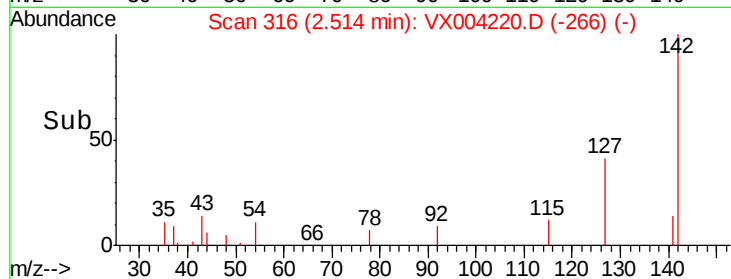
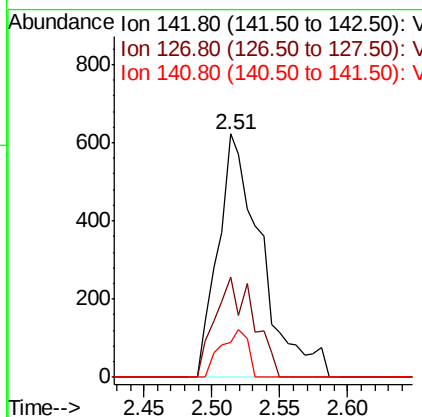
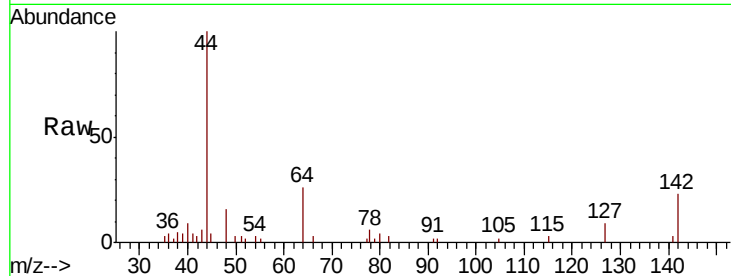




#10
Methvl Iodide
Concen: 4.59 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX004220.D
Acq: 23 Aug 2018 12:20

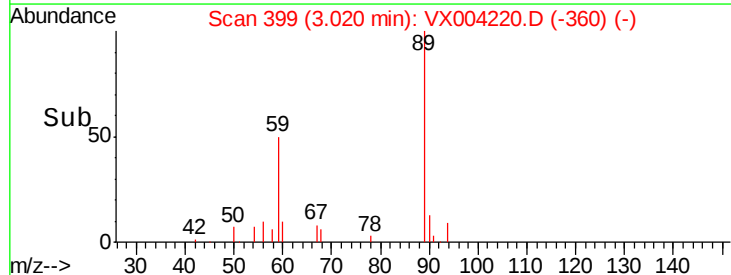
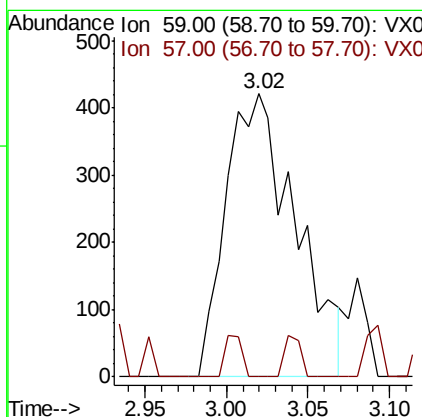
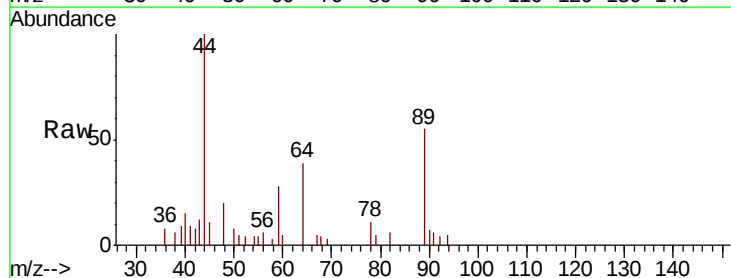
Instrument :
MSVOA_X
ClientSampleId :
FL-0545DL

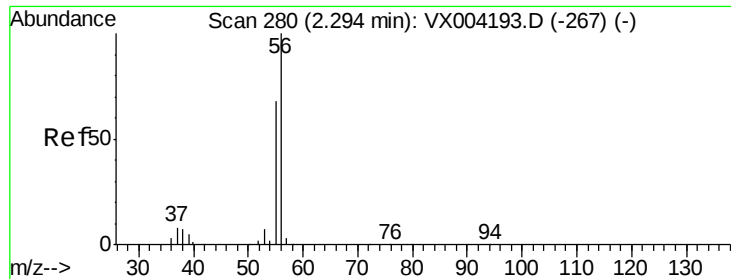
Tot Ion:142 Resp: 1380
Ion Ratio Lower Upper
142 100
127 36.7 33.8 50.6
141 12.1 11.4 17.0



#11
Tert butyl alcohol
Concen: 1.45 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX004220.D
Acq: 23 Aug 2018 12:20

Tgt Ion: 59 Resp: 1249
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.54 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampled :

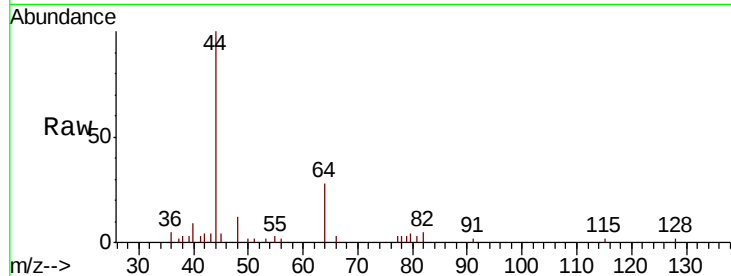
FL-0545DL

Tot Ion: 56 Resp: 113

Ion Ratio Lower Upper

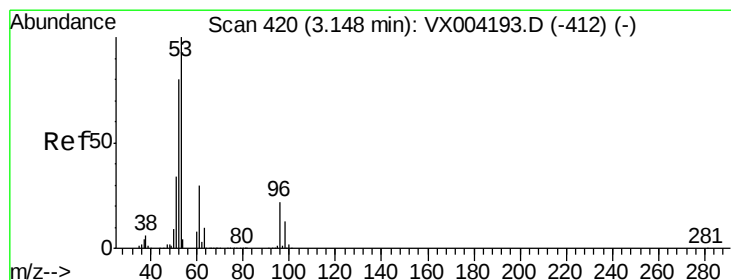
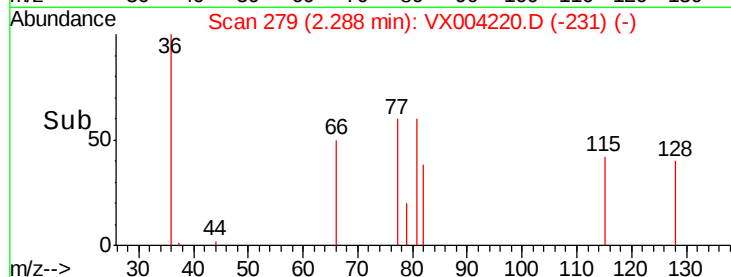
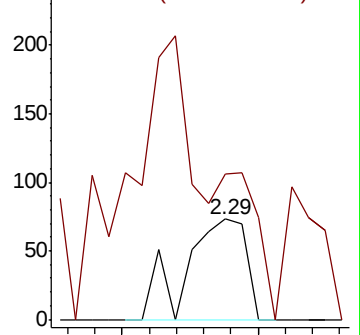
56 100

55 308.0 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.37 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

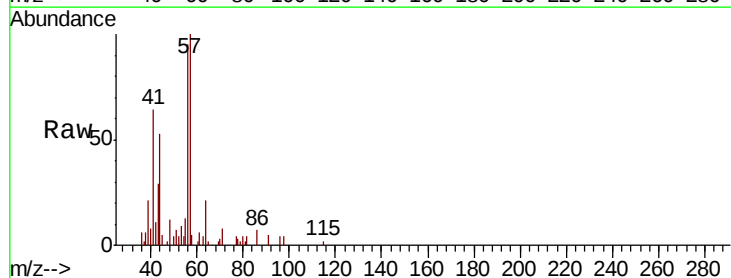
Tgt Ion: 53 Resp: 795

Ion Ratio Lower Upper

53 100

52 25.9 65.2 97.8#

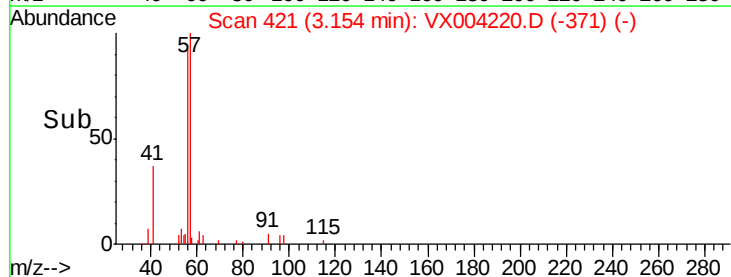
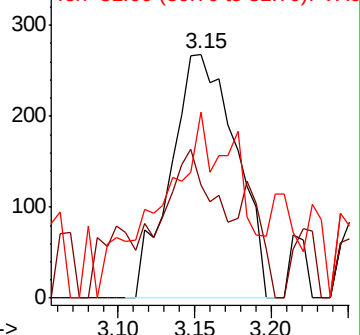
51 66.5 28.2 42.2#

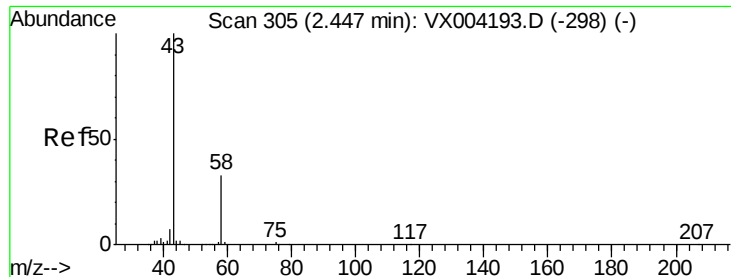


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampleID :

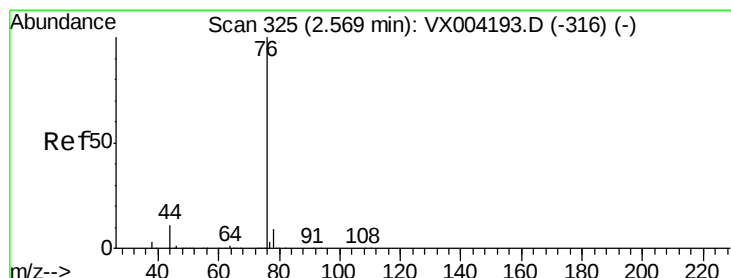
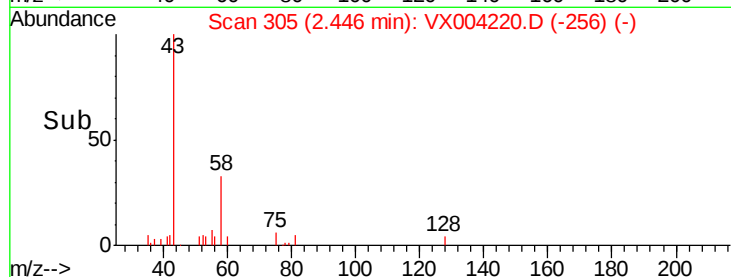
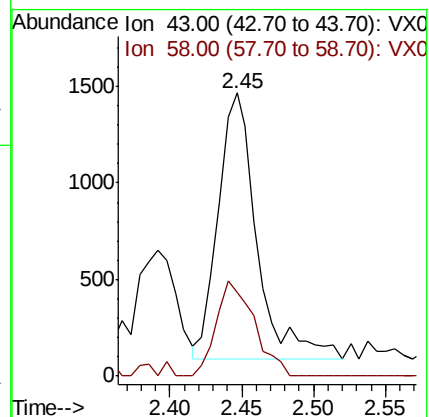
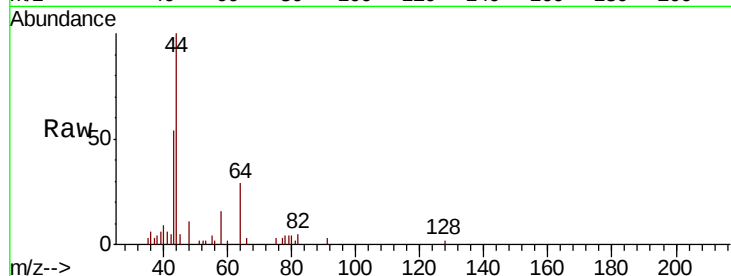
FL-0545DL

Tot Ion: 43 Resp: 2570

Ion Ratio Lower Upper

43 100

58 31.5 26.2 39.4



#17

Carbon Disulfide

Concen: 0.92 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX004220.D

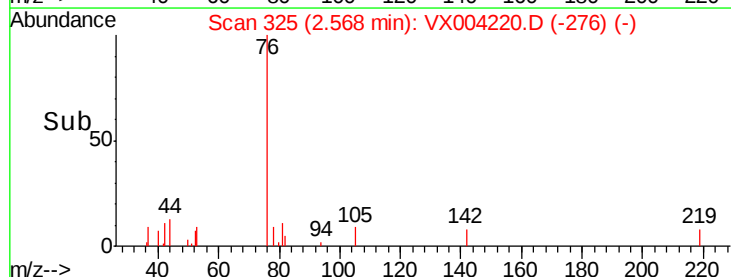
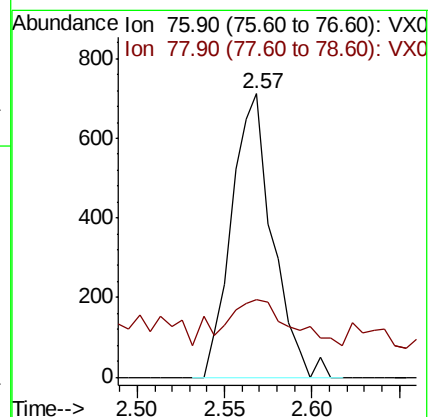
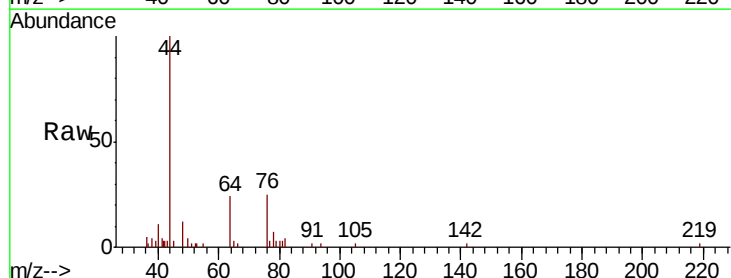
Acq: 23 Aug 2018 12:20

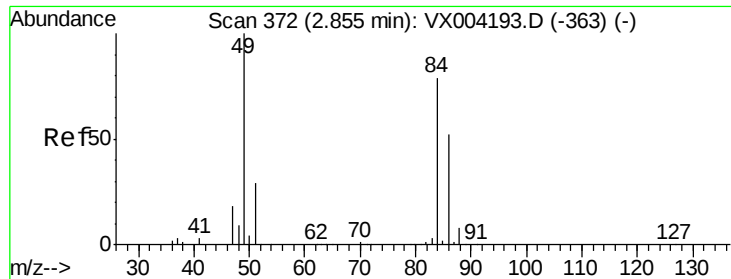
Tgt Ion: 76 Resp: 1157

Ion Ratio Lower Upper

76 100

78 16.0 7.0 10.6#

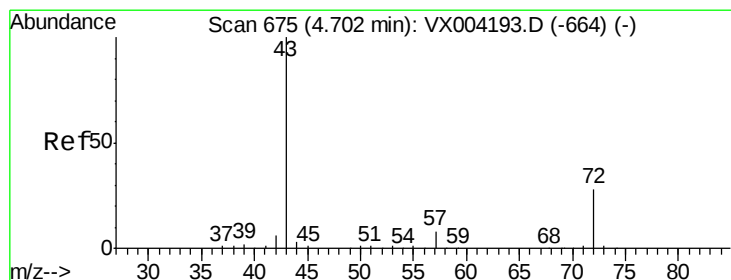
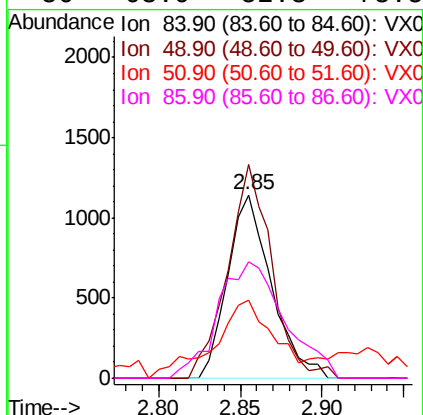
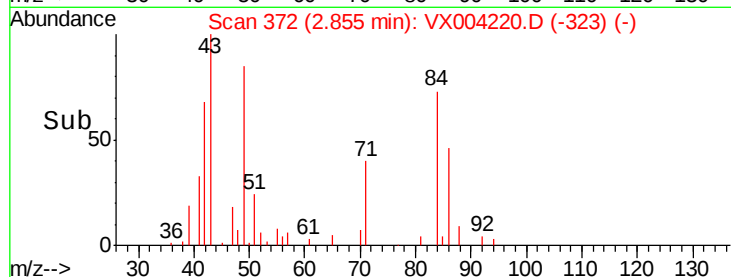
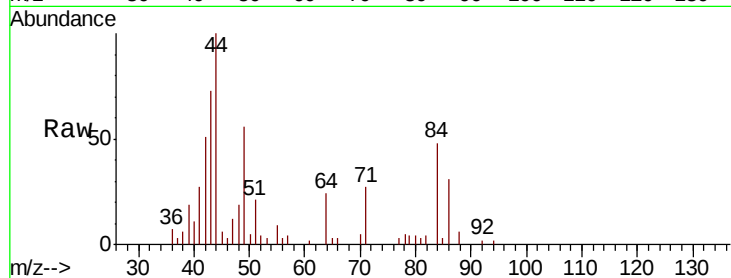




#20
Methvlene Chloride
Concen: 0.55 ua/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004220.D
Acq: 23 Aug 2018 12:20

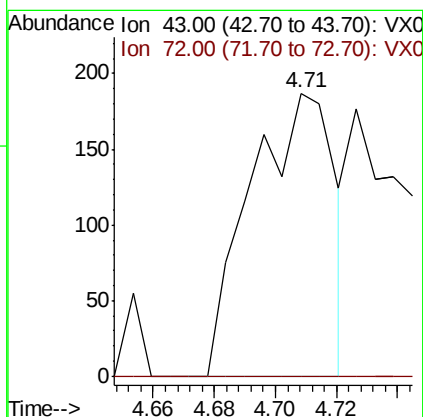
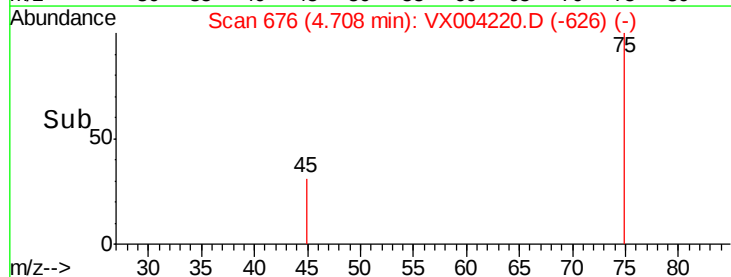
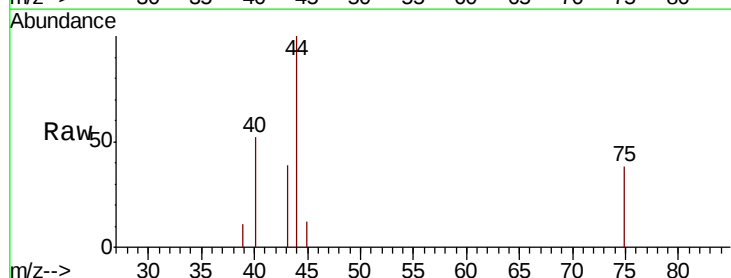
Instrument :
MSVOA_X
ClientSampled :
FL-0545DL

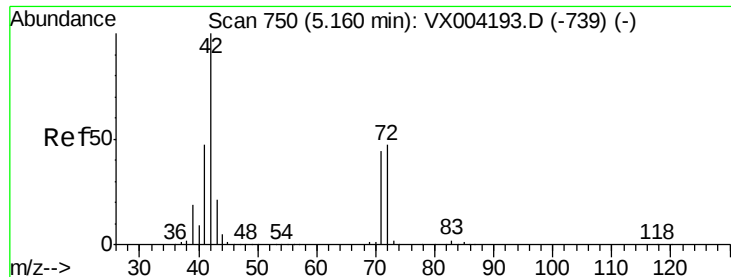
Tot Ion:	84	Resp:	2124
Ion	Ratio	Lower	Upper
84	100		
49	116.5	101.2	151.8
51	32.2	29.5	44.3
86	63.9	52.3	78.5



#25
2-Butanone
Concen: Below Cal
RT: 4.71 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX004220.D
Acq: 23 Aug 2018 12:20

Tgt Ion:	43	Resp:	356
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#





#29

Tetrahydrofuran

Concen: 0.71 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampled :

FL-0545DL

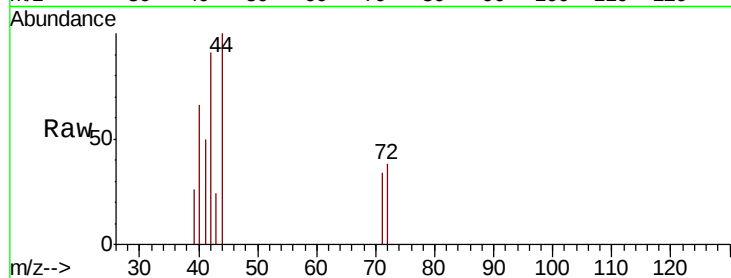
Tot Ion: 42 Resp: 1235

Ion Ratio Lower Upper

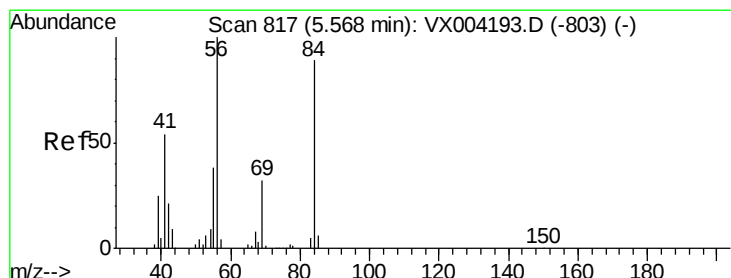
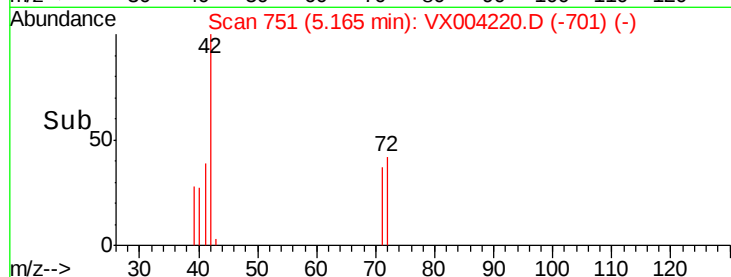
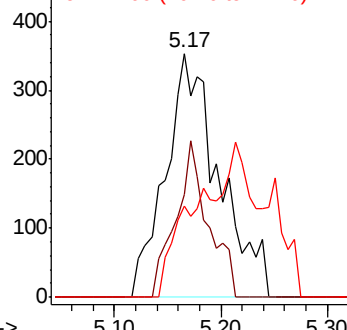
42 100

72 39.2 37.4 56.0

71 31.5 34.5 51.7#



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: 4.07 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

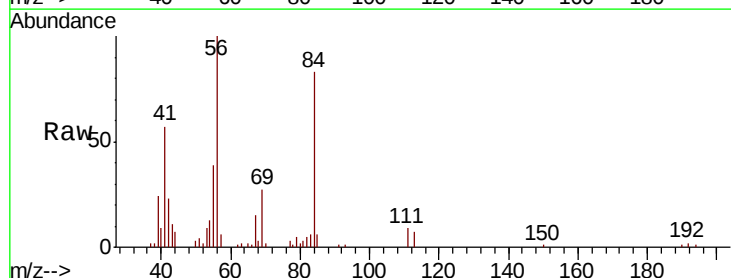
Tgt Ion: 56 Resp: 23097

Ion Ratio Lower Upper

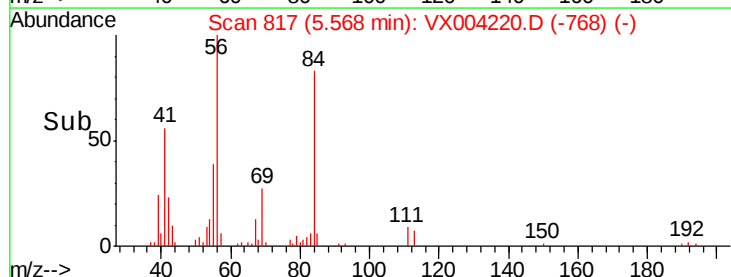
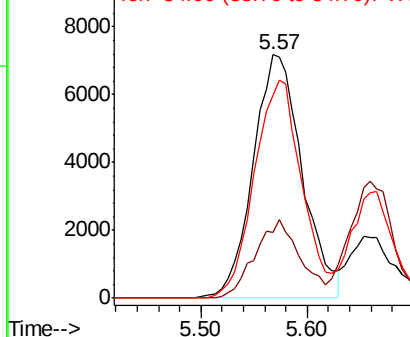
56 100

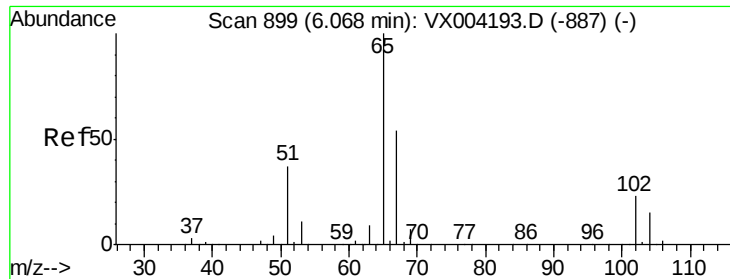
69 27.1 25.4 38.2

84 83.0 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.67 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampleId :

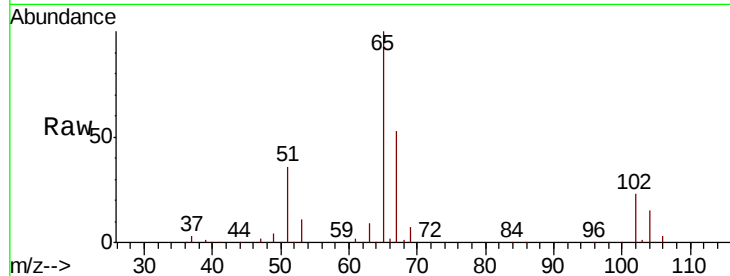
FL-0545DL

Tot Ion: 65 Resp: 209167

Ion Ratio Lower Upper

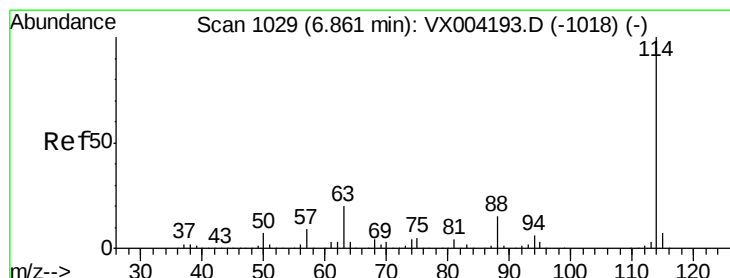
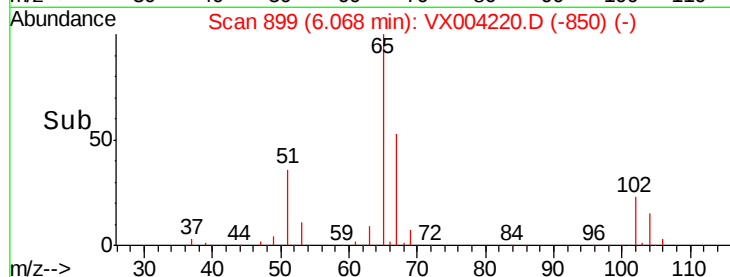
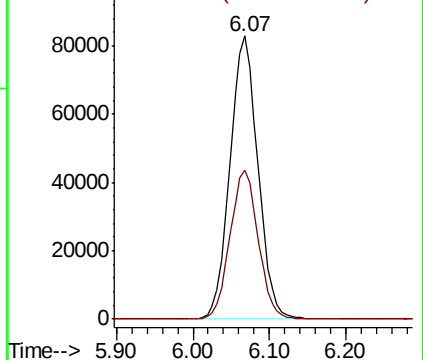
65 100

67 53.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

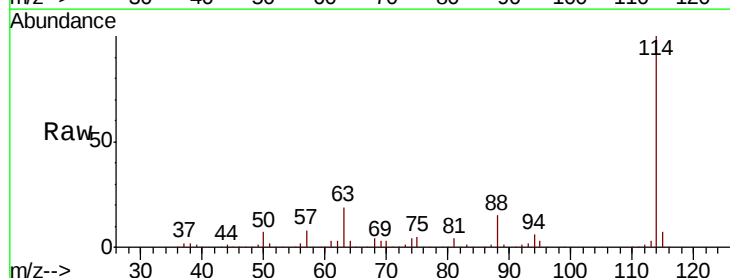
Tgt Ion: 114 Resp: 488179

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

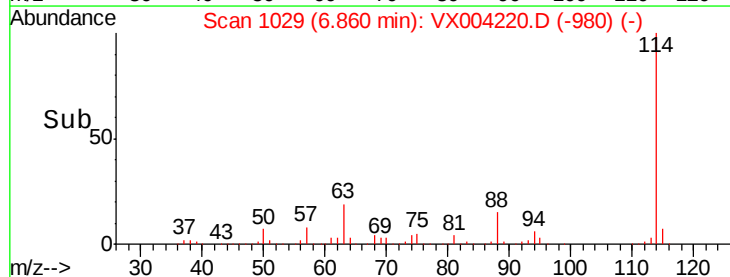
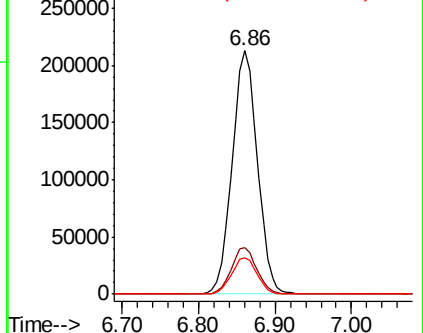
88 15.1 0.0 30.4

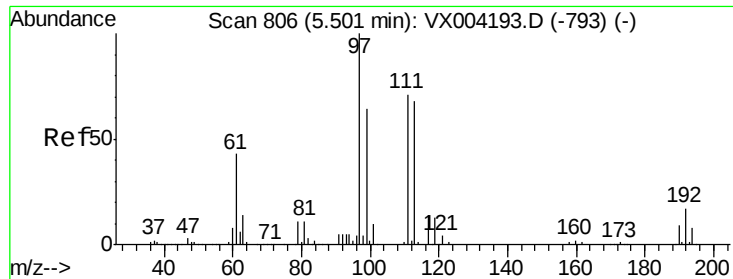


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.94 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampleId :

FL-0545DL

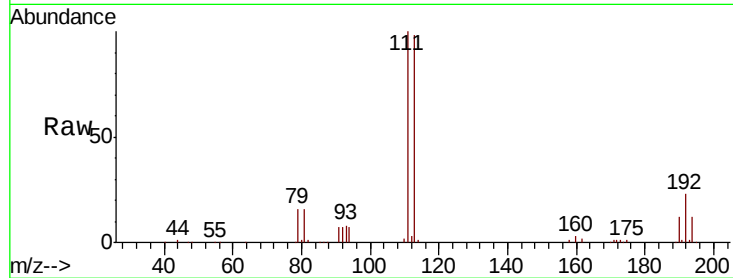
Tot Ion:113 Resp: 177737

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

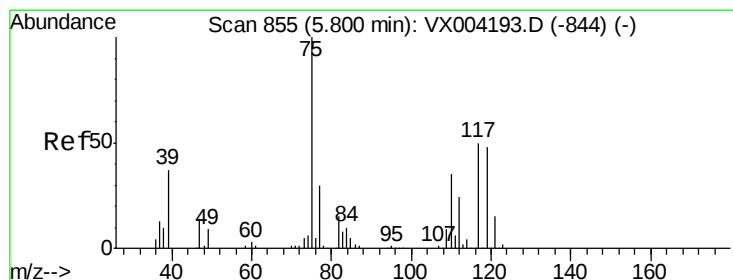
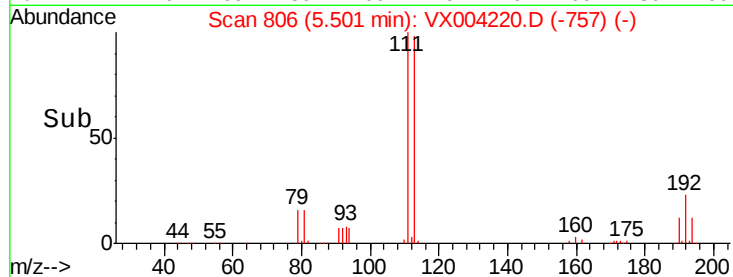
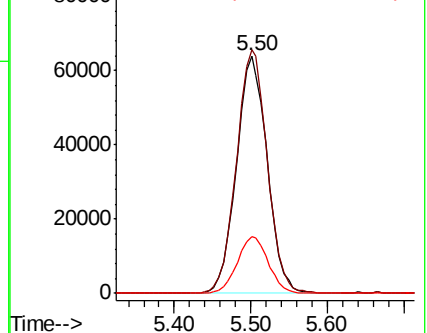
192 24.0 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.76 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

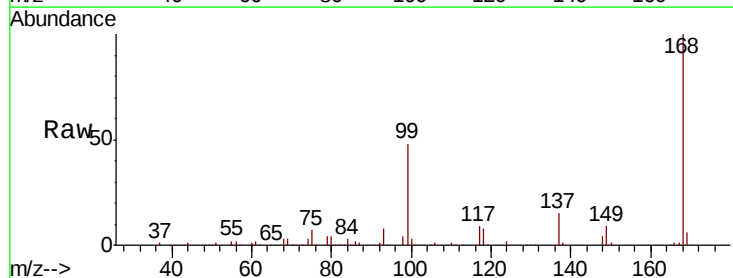
Tgt Ion: 75 Resp: 20622

Ion Ratio Lower Upper

75 100

110 9.7 18.0 54.0#

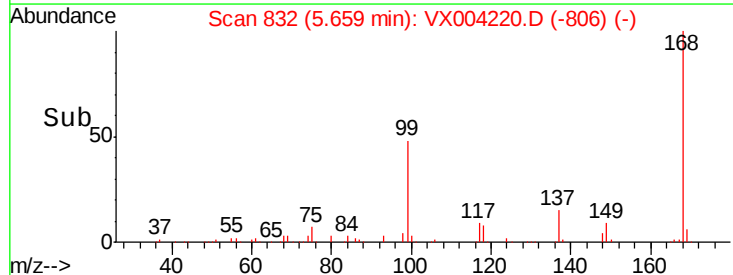
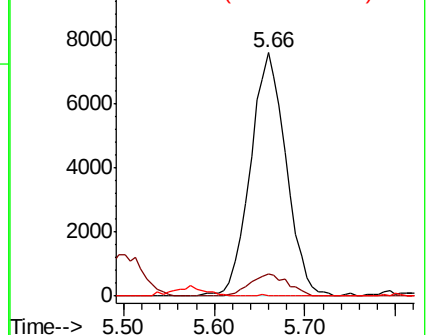
77 0.0 24.6 36.8#

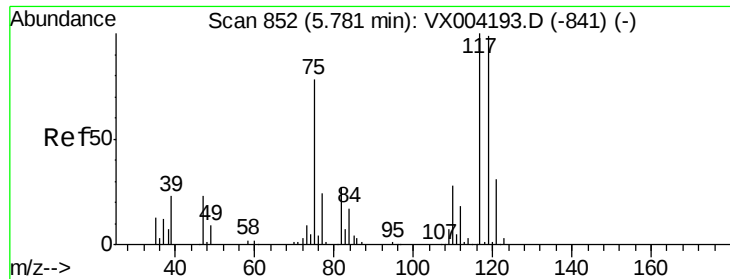


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.34 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.12 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampleID :

FL-0545DL

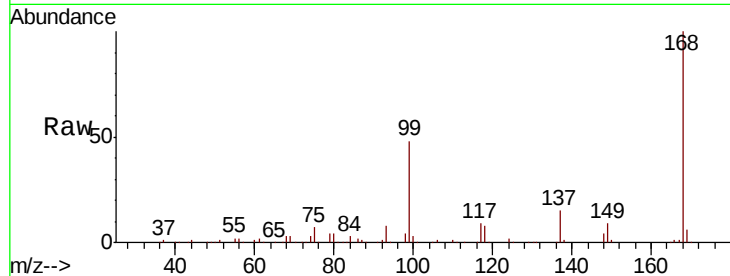
Tot Ion:117 Resp: 27581

Ion Ratio Lower Upper

117 100

119 4.6 78.8 118.2#

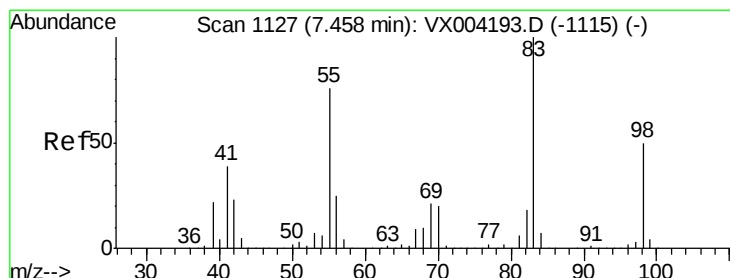
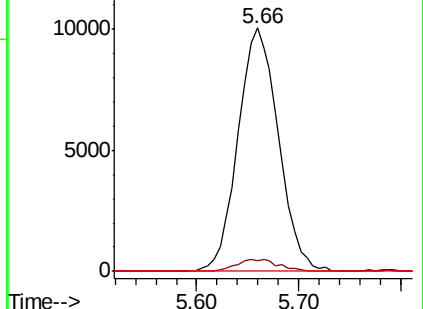
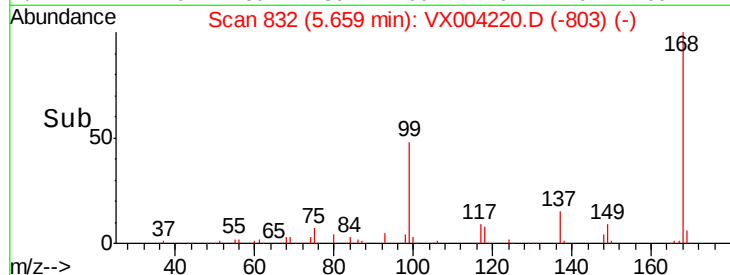
121 0.0 24.9 37.3#



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: 2.78 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.00 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

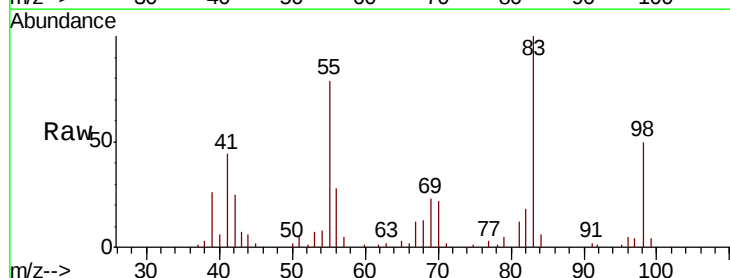
Tgt Ion: 83 Resp: 17389

Ion Ratio Lower Upper

83 100

55 79.1 61.0 91.4

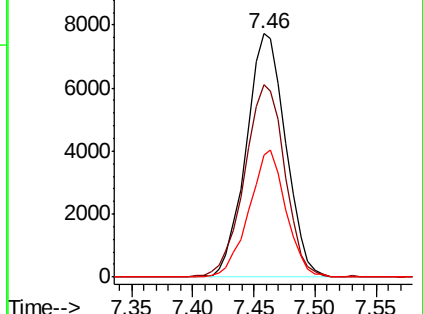
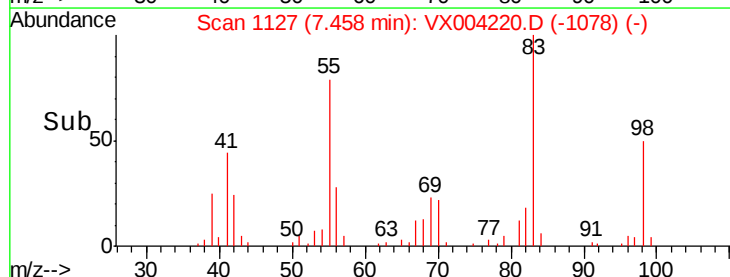
98 50.1 39.6 59.4

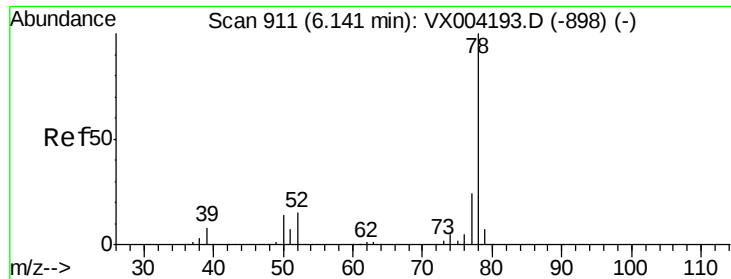


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.30 ug/l

RT: 6.13 min Scan# 910

Delta R.T. -0.01 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampleId :

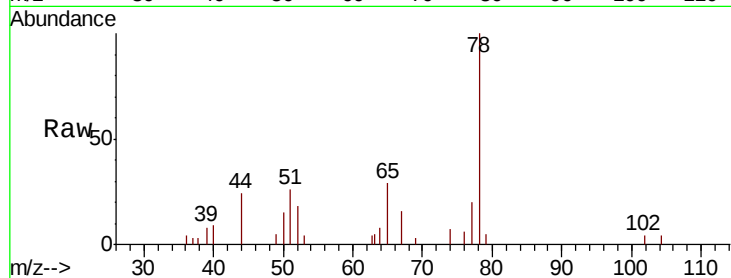
FL-0545DL

Tot Ion: 78 Resp: 4888

Ion Ratio Lower Upper

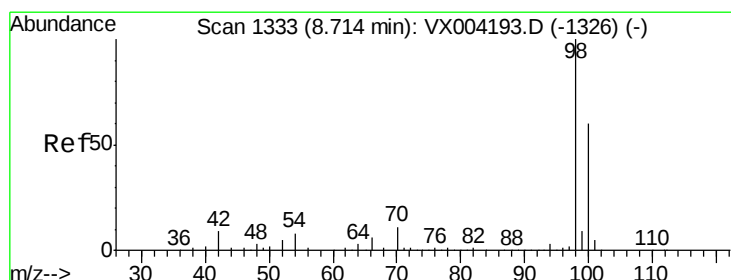
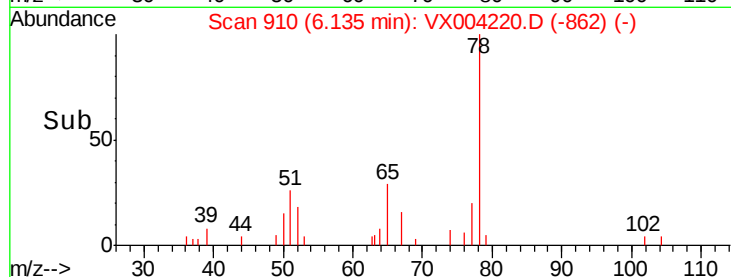
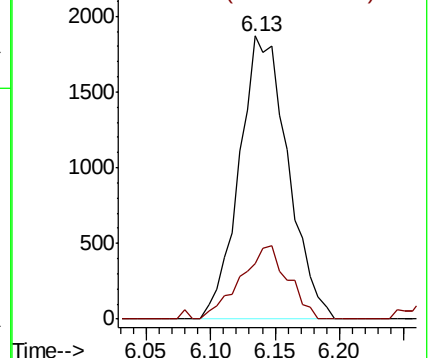
78 100

77 19.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 50.07 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004220.D

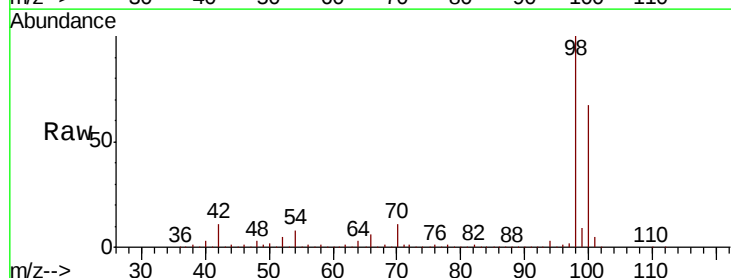
Acq: 23 Aug 2018 12:20

Tgt Ion: 98 Resp: 686351

Ion Ratio Lower Upper

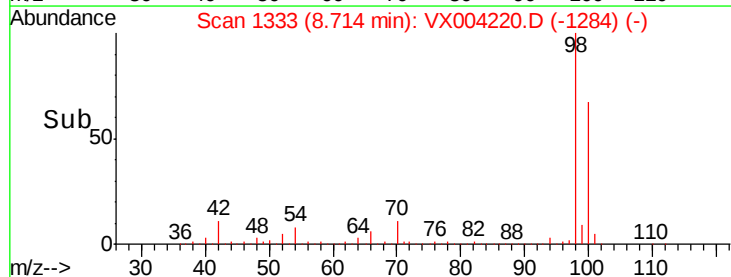
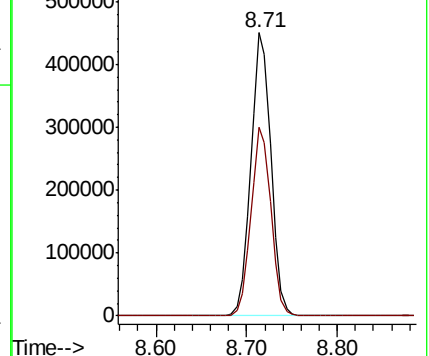
98 100

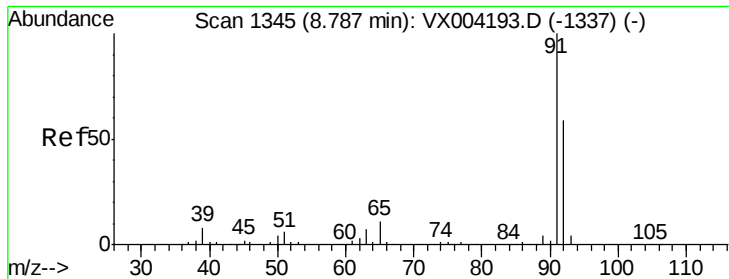
100 66.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.30 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampleId :

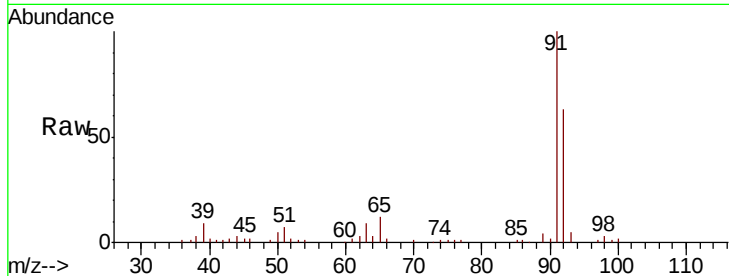
FL-0545DL

Tot Ion: 92 Resp: 13354

Ion Ratio Lower Upper

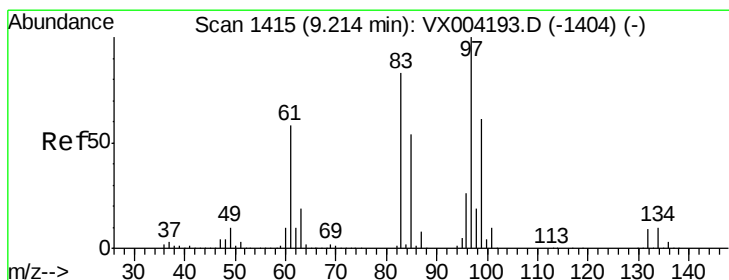
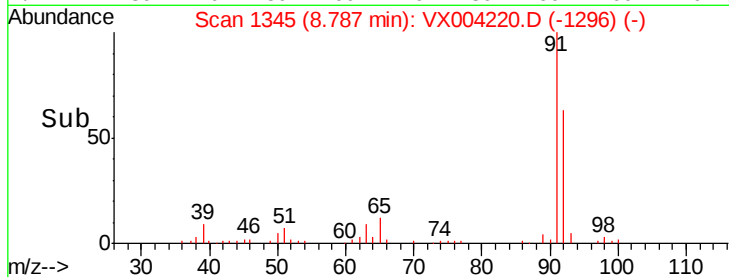
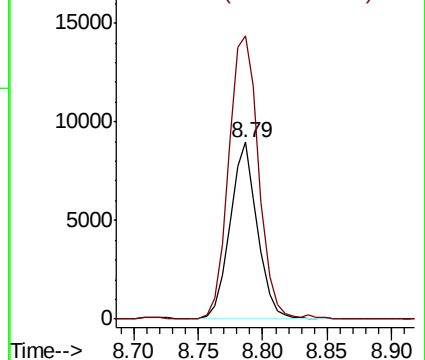
92 100

91 173.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.25 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Tgt Ion: 97 Resp: 1050

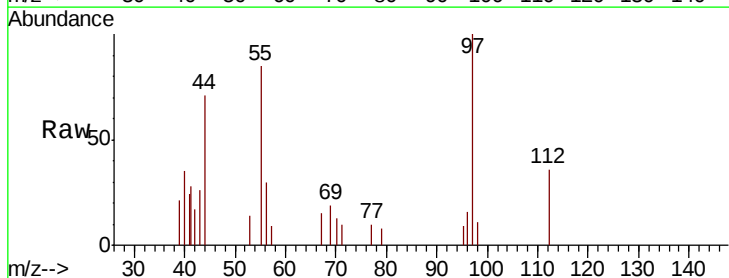
Ion Ratio Lower Upper

97 100

83 0.0 66.4 99.6#

85 0.0 43.3 64.9#

99 0.0 49.0 73.4#

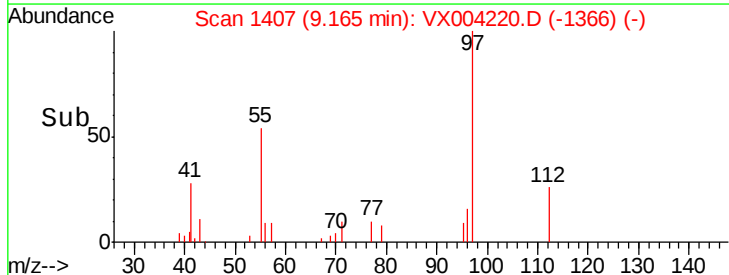
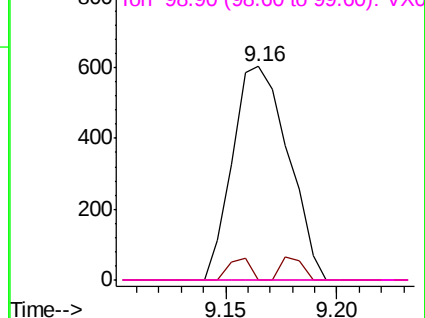


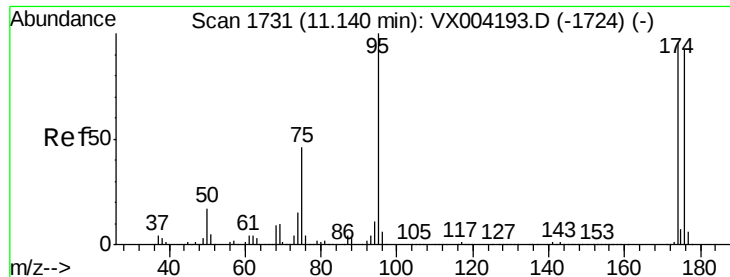
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

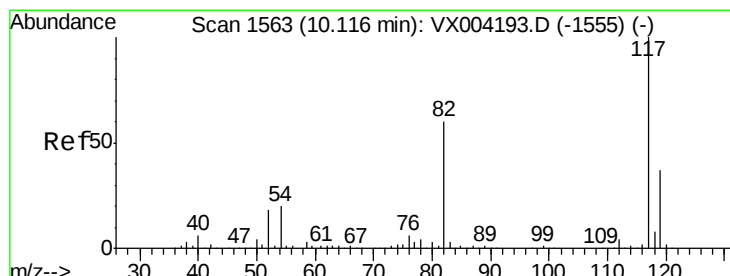
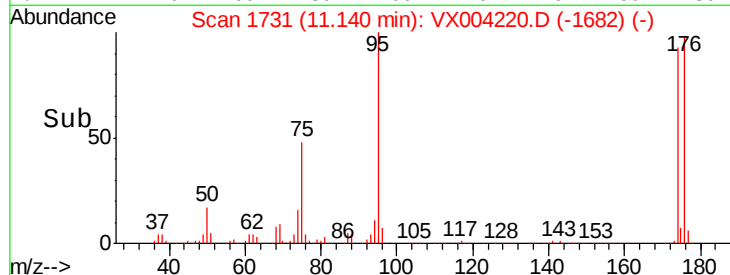
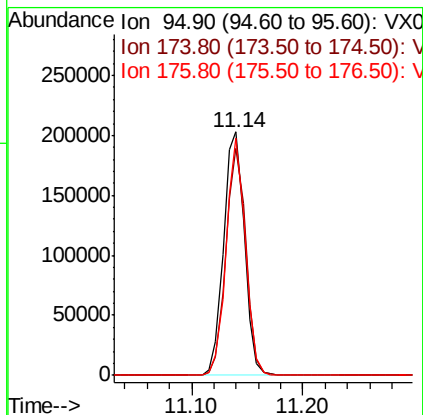
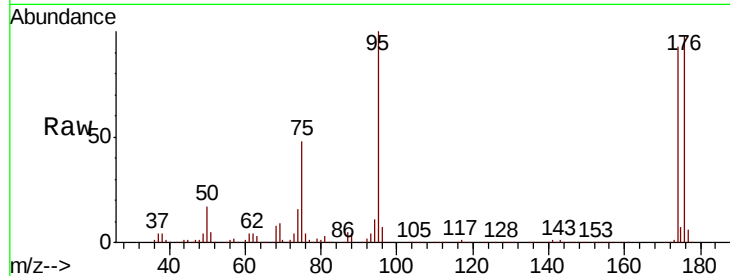




#62
4-Bromofluorobenzene
Concen: 51.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004220.D
Acq: 23 Aug 2018 12:20

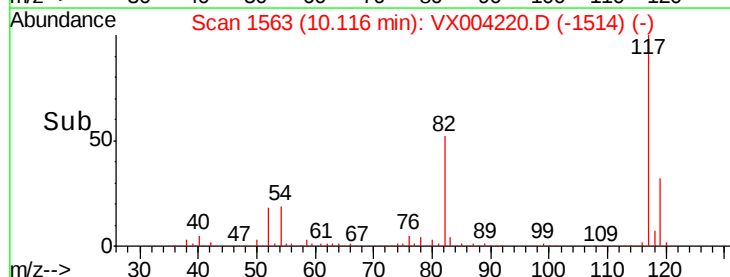
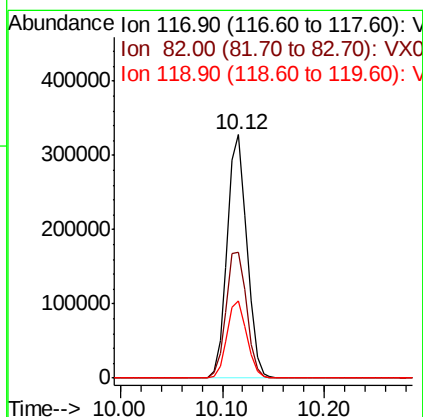
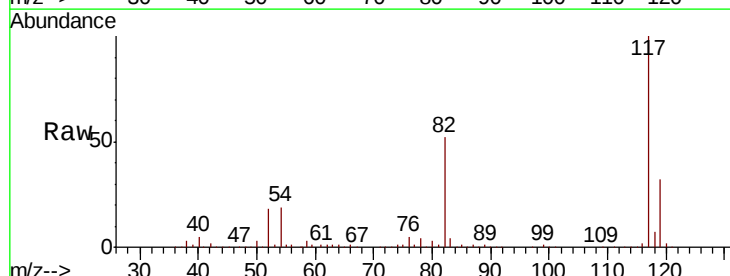
Instrument :
MSVOA_X
ClientSampled :
FL-0545DL

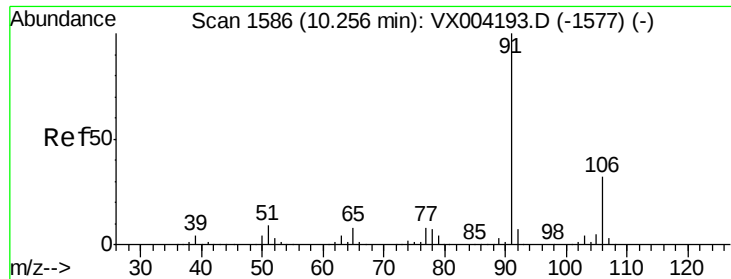
Tot Ion: 95 Resp: 261974
Ion Ratio Lower Upper
95 100
174 90.1 0.0 185.2
176 90.0 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004220.D
Acq: 23 Aug 2018 12:20

Tgt Ion: 117 Resp: 436652
Ion Ratio Lower Upper
117 100
82 51.7 47.8 71.6
119 31.9 29.3 43.9





#67

Ethyl Benzene

Concen: 14.94 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampled :

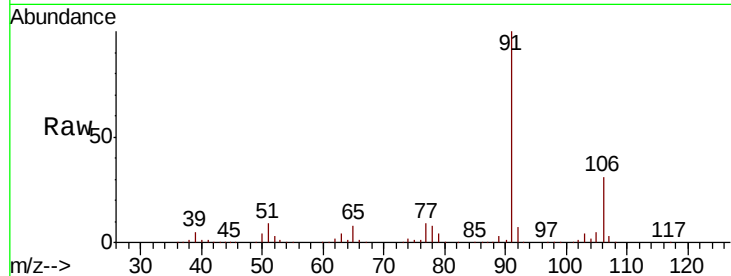
FL-0545DL

Tot Ion: 91 Resp: 265875

Ion Ratio Lower Upper

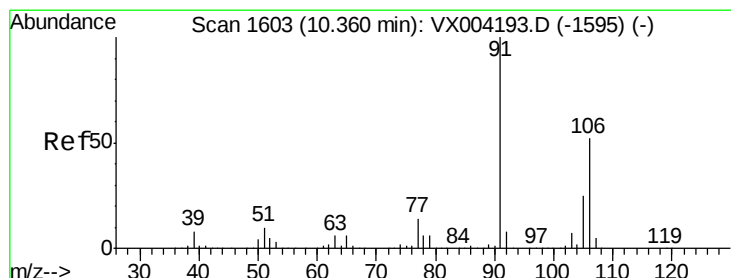
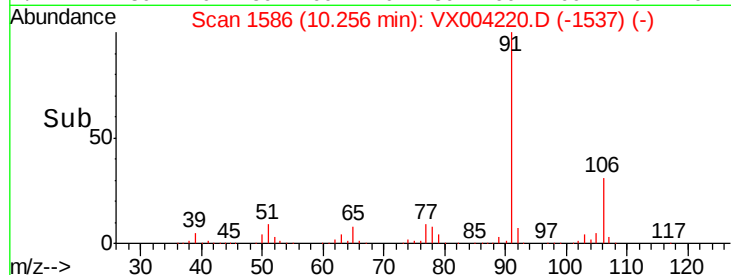
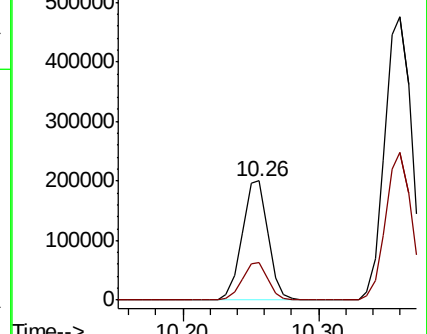
91 100

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-Xylenes

Concen: 47.43 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004220.D

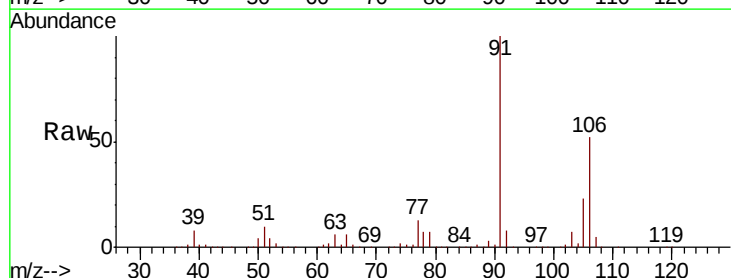
Acq: 23 Aug 2018 12:20

Tgt Ion: 106 Resp: 330089

Ion Ratio Lower Upper

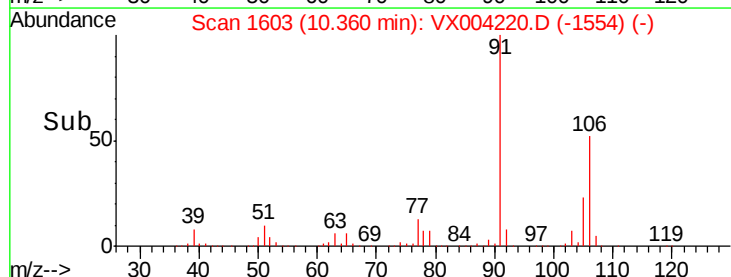
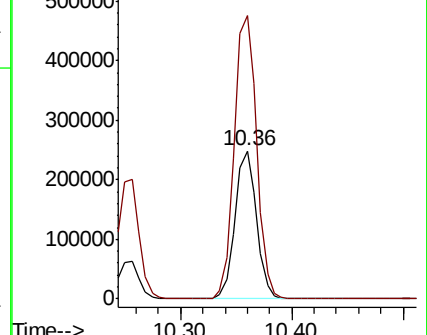
106 100

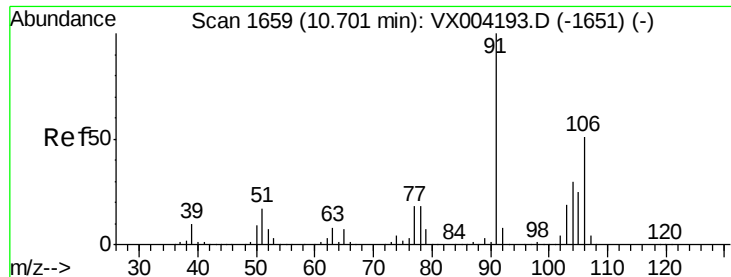
91 200.1 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

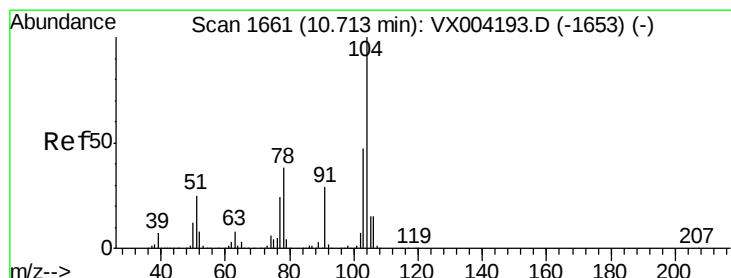
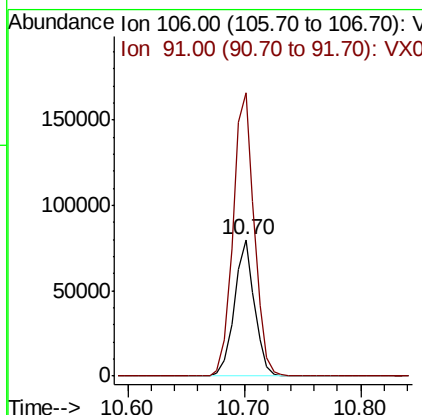
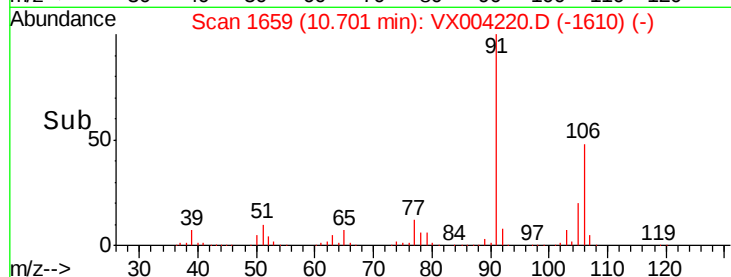
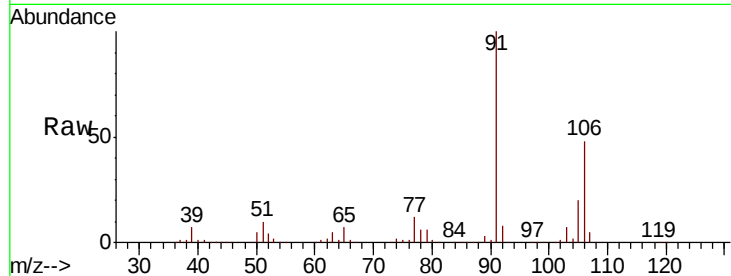




#69
o-Xylene
Concen: 14.61 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004220.D
Acq: 23 Aug 2018 12:20

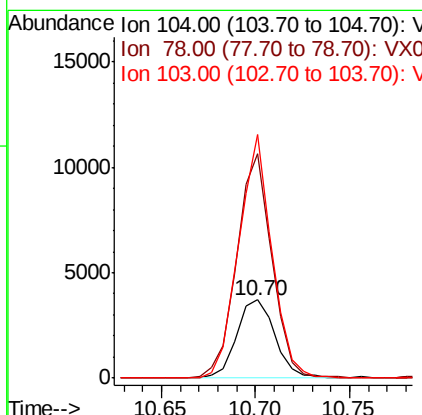
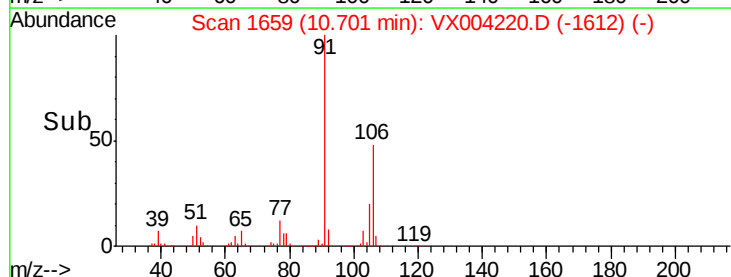
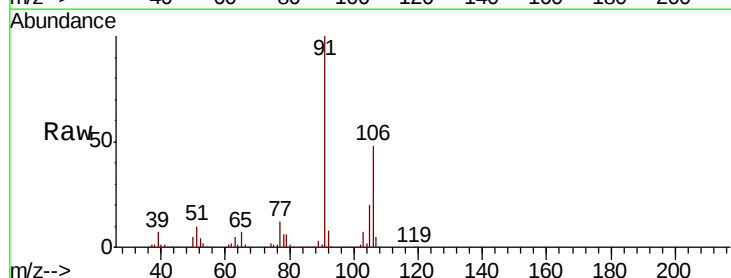
Instrument :
MSVOA_X
ClientSampleID :
FL-0545DL

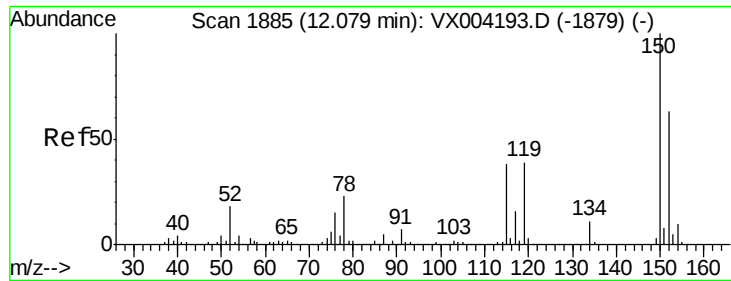
Tot Ion:106 Resp: 96176
Ion Ratio Lower Upper
106 100
91 219.0 105.1 315.1



#70
Styrene
Concen: 0.49 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX004220.D
Acq: 23 Aug 2018 12:20

Tgt Ion:104 Resp: 5187
Ion Ratio Lower Upper
104 100
78 265.6 37.4 56.0#
103 272.0 43.8 65.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampleId :

FL-0545DL

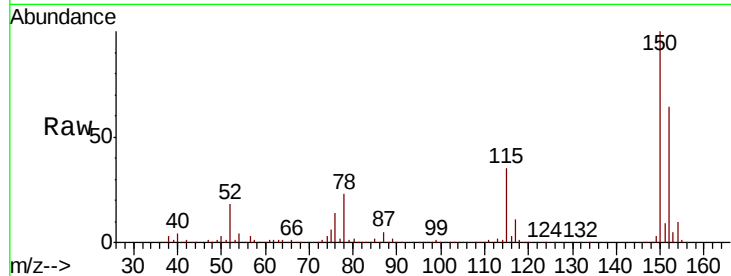
Tot Ion:152 Resp: 281213

Ion Ratio Lower Upper

152 100

115 55.1 39.0 117.0

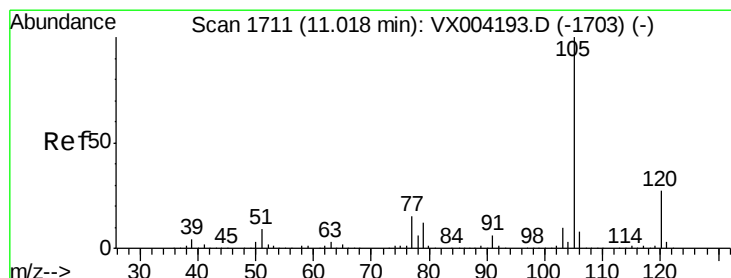
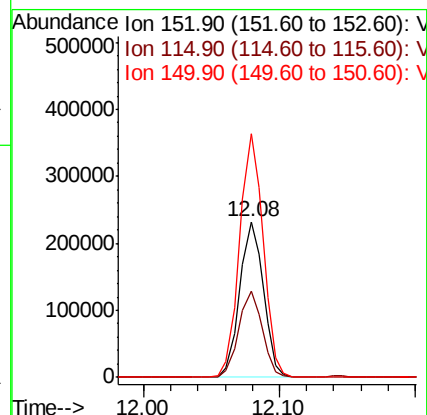
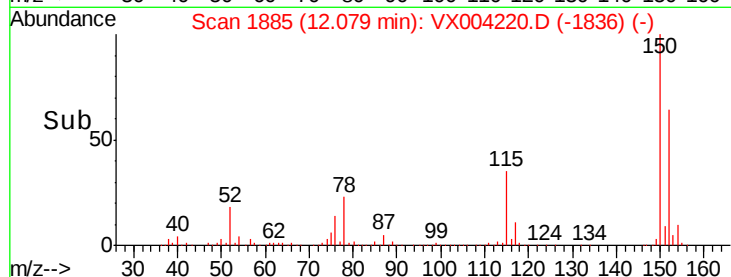
150 156.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.03 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004220.D

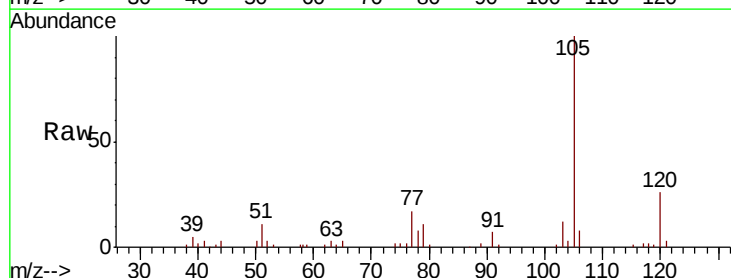
Acq: 23 Aug 2018 12:20

Tgt Ion:105 Resp: 19023

Ion Ratio Lower Upper

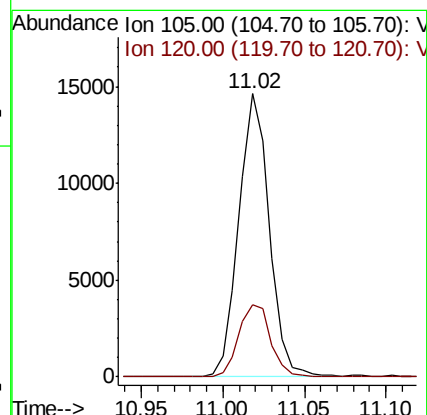
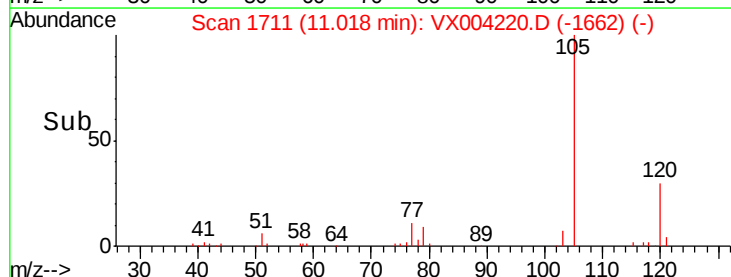
105 100

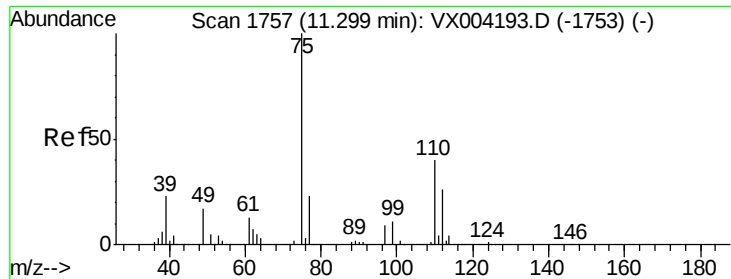
120 26.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

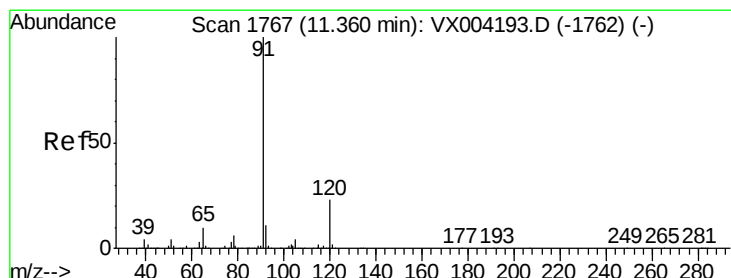
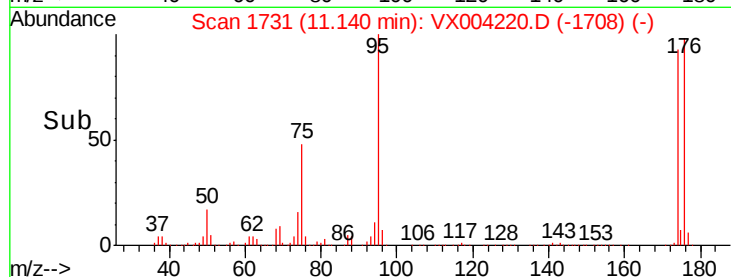
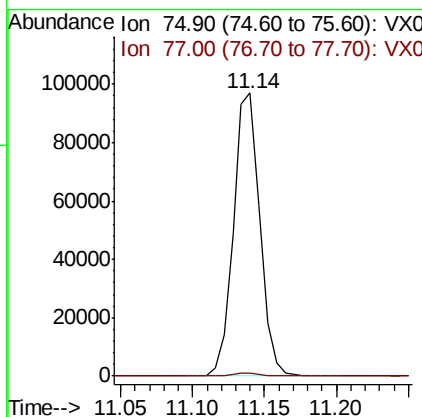
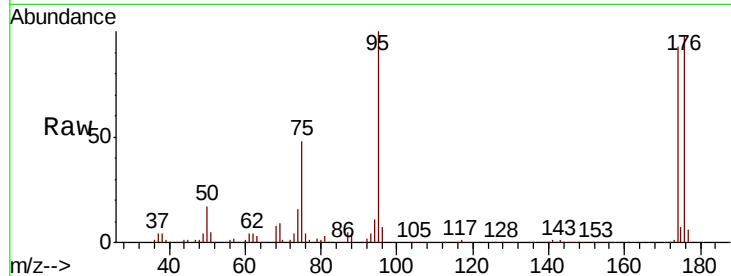




#76
 1,2,3-Trichloropropane
 Concen: 21.75 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX004220.D
 Acq: 23 Aug 2018 12:20

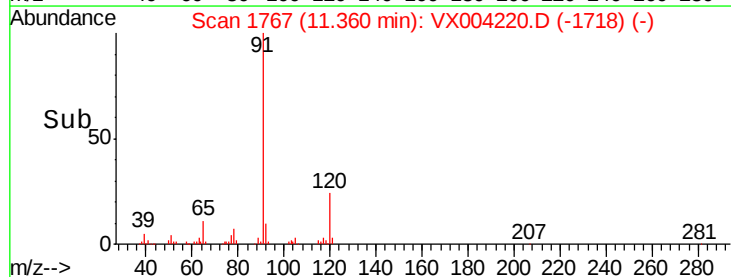
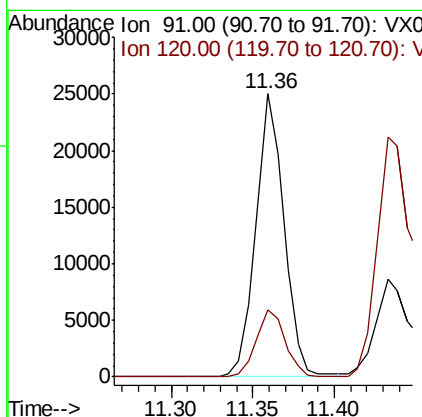
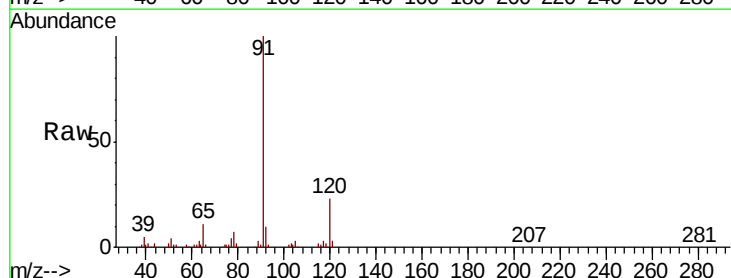
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0545DL

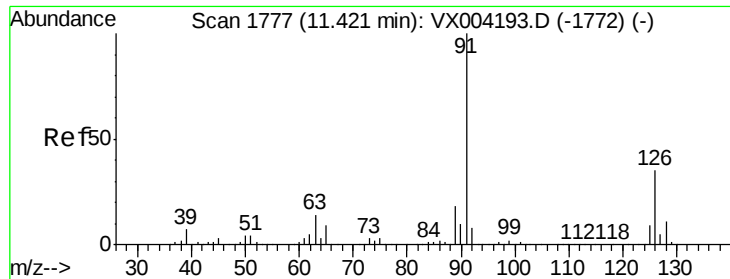
Tot Ion: 75 Resp: 124368
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.2 60.6#



#78
 n-propylbenzene
 Concen: 1.43 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: VX004220.D
 Acq: 23 Aug 2018 12:20

Tgt Ion: 91 Resp: 30282
 Ion Ratio Lower Upper
 91 100
 120 24.4 11.9 35.9

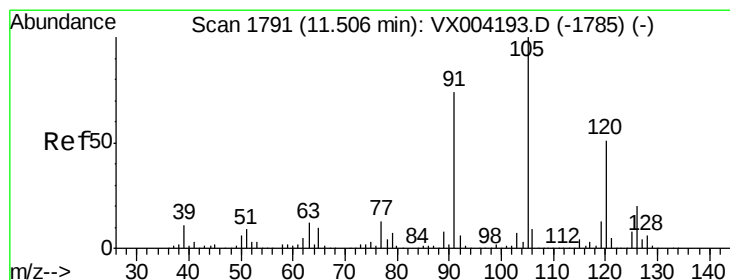
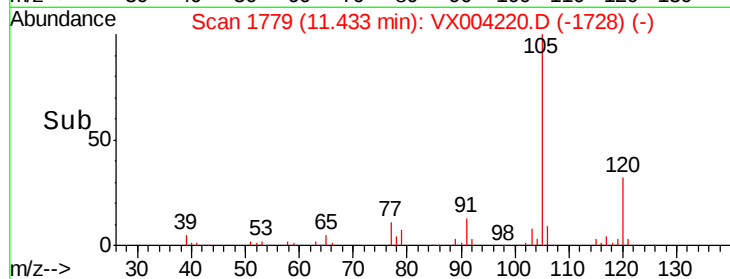
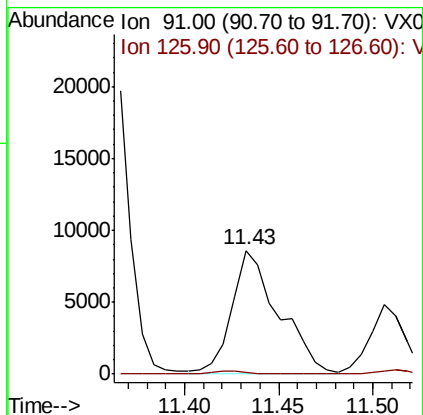
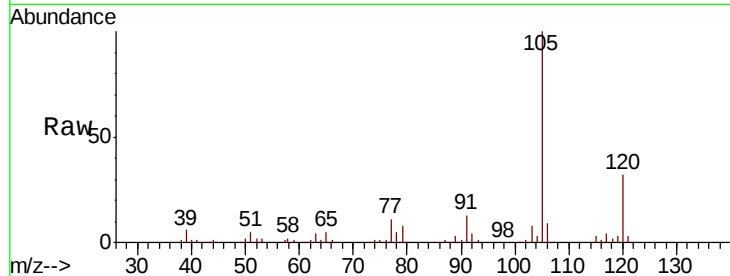




#79
 2-Chlorotoluene
 Concen: 1.14 ug/l
 RT: 11.43 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX004220.D
 Acq: 23 Aug 2018 12:20

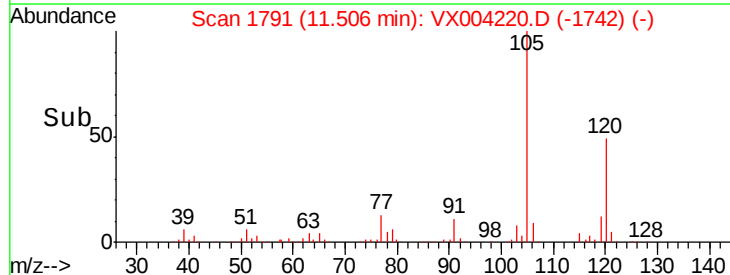
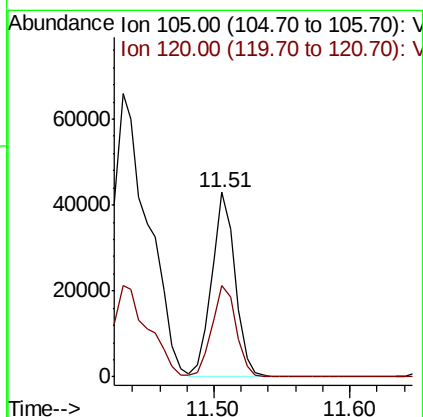
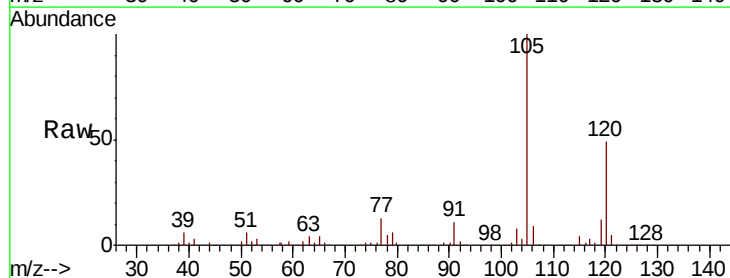
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0545DL

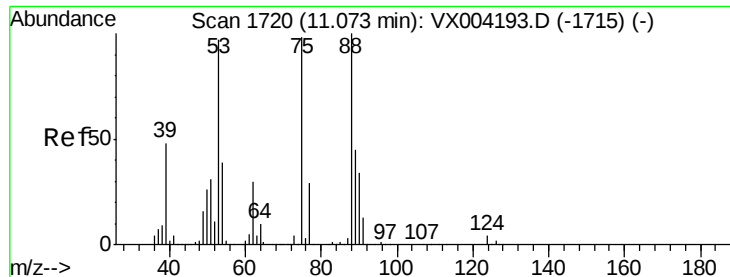
Tot Ion: 91 Resp: 14881
 Ion Ratio Lower Upper
 91 100
 126 1.6 17.9 53.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 3.36 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004220.D
 Acq: 23 Aug 2018 12:20

Tgt Ion: 105 Resp: 51340
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 70.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.07 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampleId :

FL-0545DL

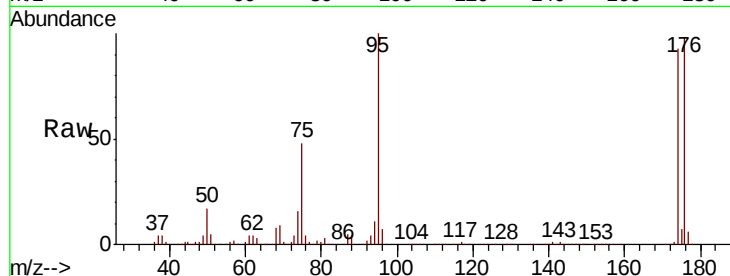
Tot Ion: 75 Resp: 124368

Ion Ratio Lower Upper

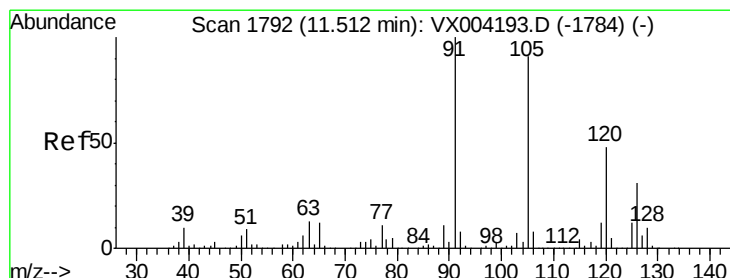
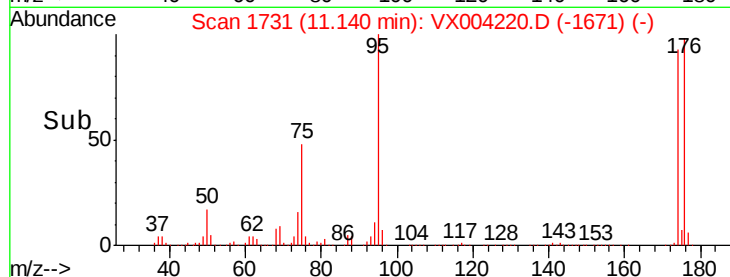
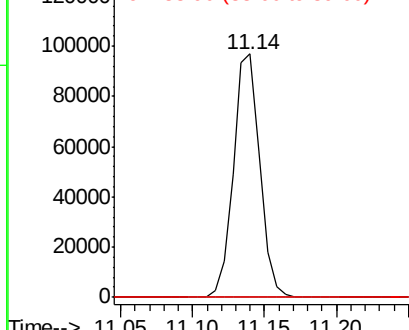
75 100

53 0.1 80.1 120.1#

89 0.0 37.2 55.8#



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



#82

4-Chlorotoluene

Concen: 0.42 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX004220.D

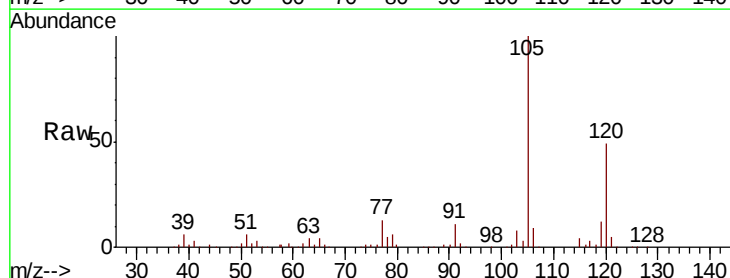
Acq: 23 Aug 2018 12:20

Tgt Ion: 91 Resp: 6461

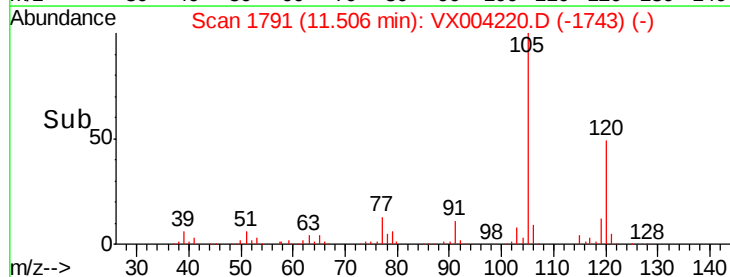
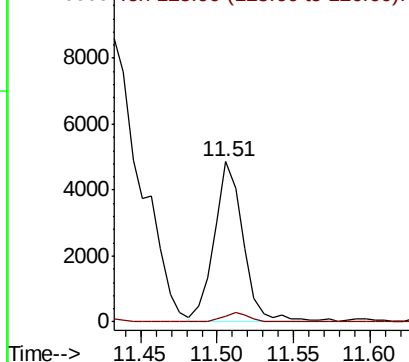
Ion Ratio Lower Upper

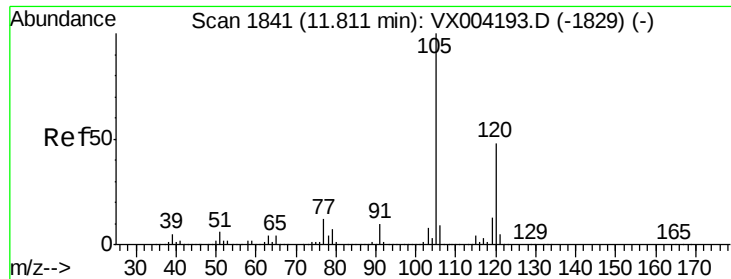
91 100

126 4.8 15.5 46.5#



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





#84

1,2,4-Trimethylbenzene

Concen: 9.10 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampleId :

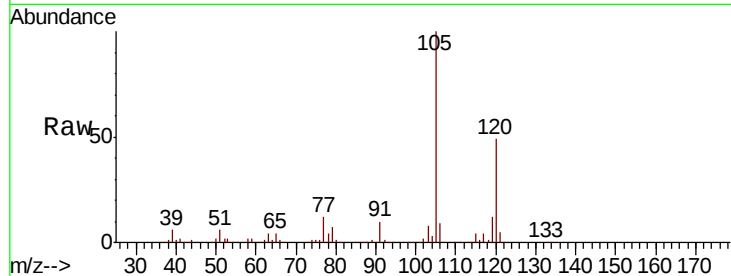
FL-0545DL

Tot Ion:105 Resp: 142840

Ion Ratio Lower Upper

105 100

120 46.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.81

100000

80000

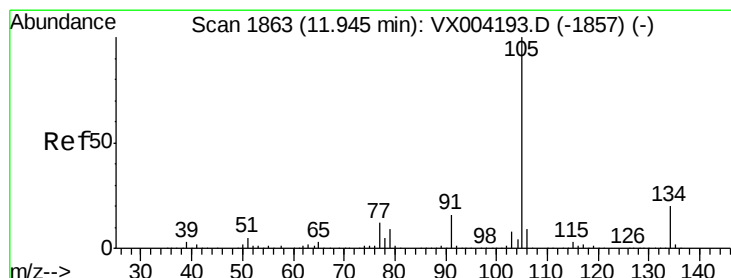
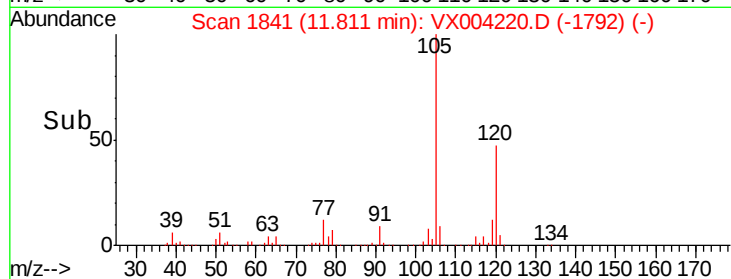
60000

40000

20000

0

Time-->



#85

sec-Butylbenzene

Concen: 7.82 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.13 min

Lab File: VX004220.D

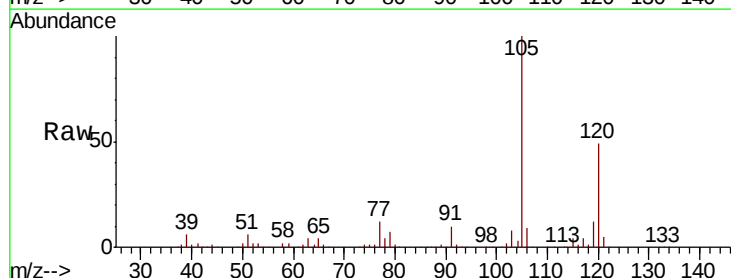
Acq: 23 Aug 2018 12:20

Tgt Ion:105 Resp: 142840

Ion Ratio Lower Upper

105 100

134 0.1 10.5 31.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.81

120000

100000

80000

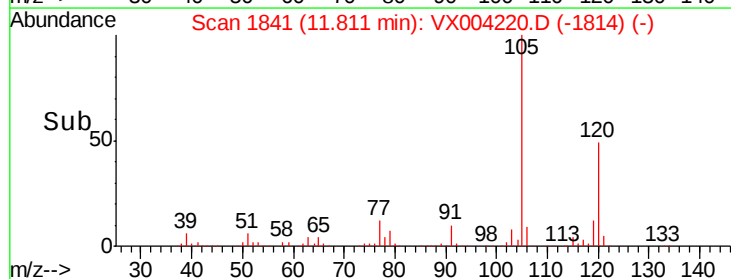
60000

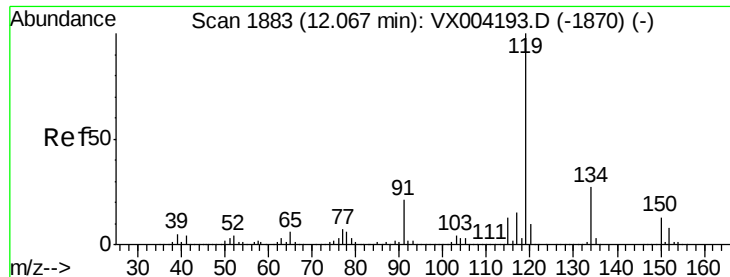
40000

20000

0

Time-->

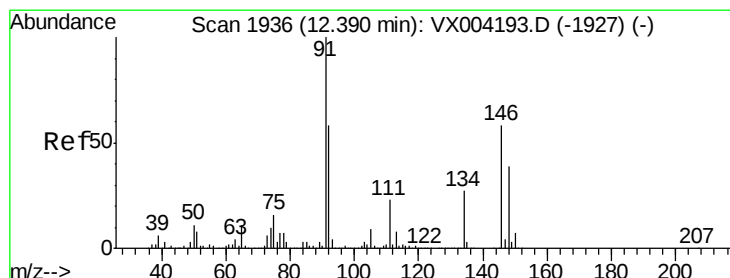
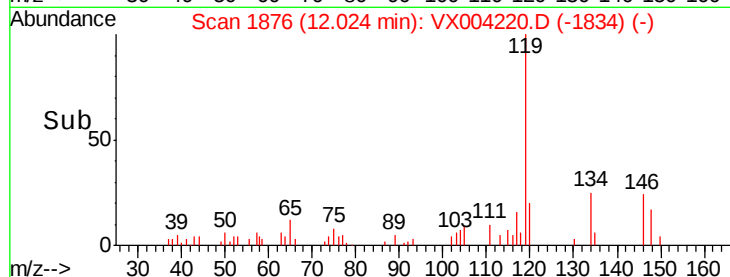
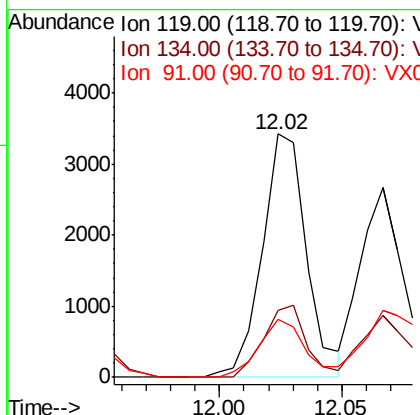
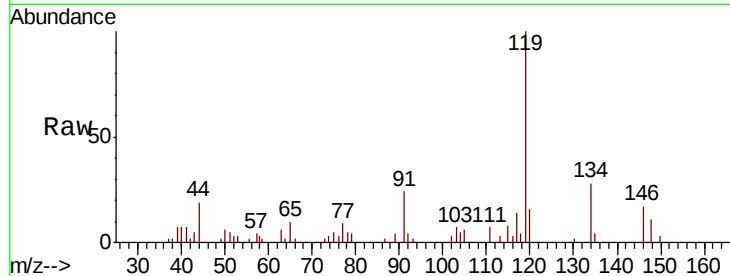




#86
p-Isopropyltoluene
Concen: 0.26 ug/l
RT: 12.02 min Scan# 1876
Delta R.T. -0.04 min
Lab File: VX004220.D
Acq: 23 Aug 2018 12:20

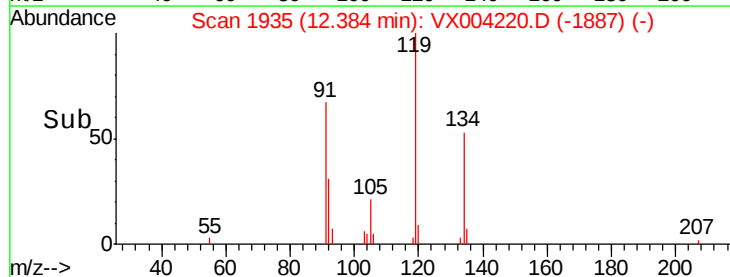
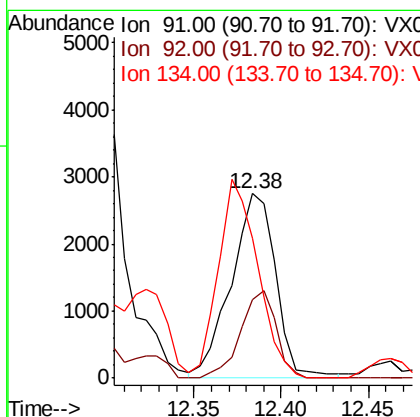
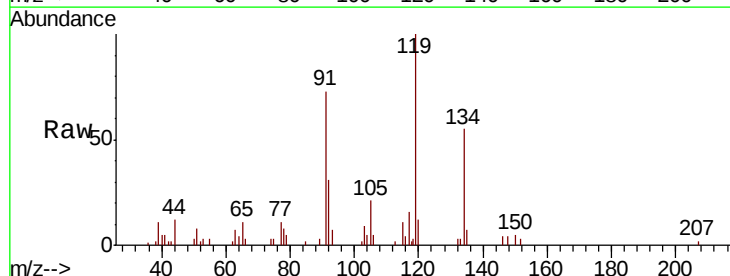
Instrument :
MSVOA_X
ClientSampled :
FL-0545DL

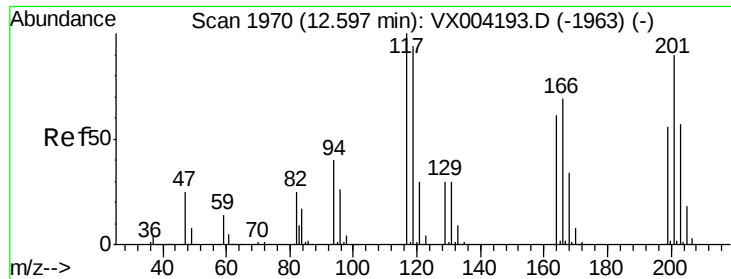
Tot Ion:119 Resp: 4308
Ion Ratio Lower Upper
119 100
134 28.4 13.4 40.2
91 25.5 10.9 32.7



#89
n-Butylbenzene
Concen: 0.37 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX004220.D
Acq: 23 Aug 2018 12:20

Tgt Ion: 91 Resp: 4884
Ion Ratio Lower Upper
91 100
92 37.8 27.3 81.9
134 94.9 13.6 40.7#





#90

Hexachloroethane

Concen: 0.82 ug/l

RT: 12.70 min Scan# 1987

Delta R.T. 0.10 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

Instrument :

MSVOA_X

ClientSampleId :

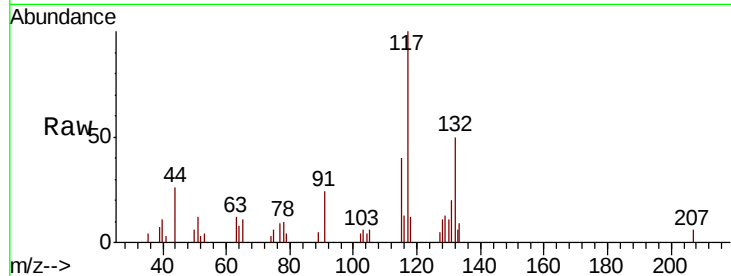
FL-0545DL

Tot Ion:117 Resp: 1880

Ion Ratio Lower Upper

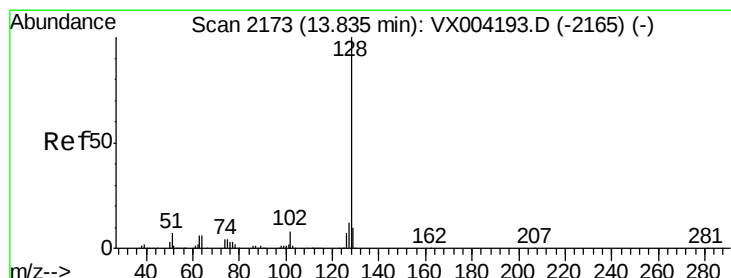
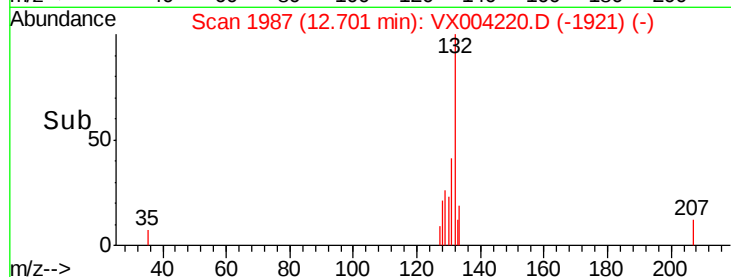
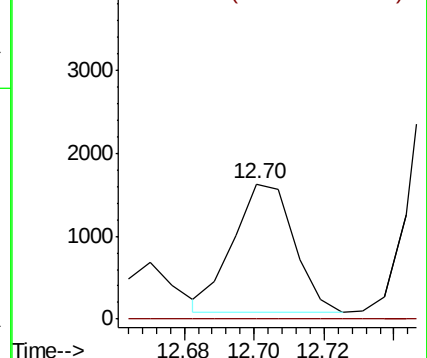
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 4.21 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004220.D

Acq: 23 Aug 2018 12:20

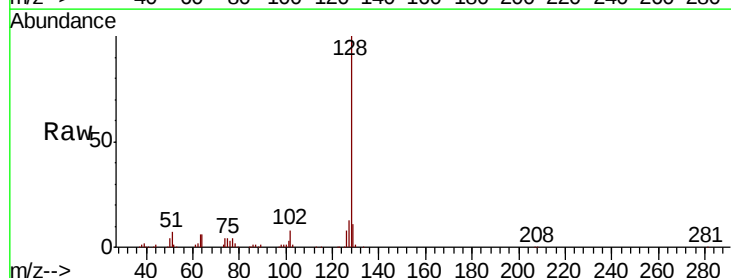
Tgt Ion:128 Resp: 77155

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.2 8.6 12.8



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

