

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004232.D
 Acq On : 23 Aug 2018 17:40
 Operator : JC/MD
 Sample : J4579-08DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0543DL

Quant Time: Aug 24 09:42:27 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	5.67	168	334921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	505536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	460280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	282936	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	209783	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
35) Dibromofluoromethane	5.50	113	183245	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
50) Toluene-d8	8.71	98	708396	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.14	95	261964	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1417	0.62	ug/l	# 76
5) Bromomethane	1.65	94	1172	Below	Cal	91
6) Chloroethane	1.73	64	461	1.10	ug/l	# 44
10) Methyl Iodide	2.51	142	521	4.38	ug/l	# 90
13) Acrolein	2.30	56	151	0.67	ug/l	# 65
14) Allyl chloride	2.84	41	7977	1.22	ug/l	# 64
15) Acrylonitrile	3.17	53	2512	1.09	ug/l	# 41
16) Acetone	2.45	43	1263	Below	Cal	94
17) Carbon Disulfide	2.57	76	653	0.86	ug/l	# 81
18) Methyl Acetate	2.84	43	18172	2.81	ug/l	# 51
20) Methylene Chloride	2.86	84	1149	0.27	ug/l	# 82
25) 2-Butanone	4.71	43	551	Below	Cal	# 47
29) Tetrahydrofuran	5.17	42	725	0.39	ug/l	# 55
31) Cyclohexane	5.57	56	132976	21.73	ug/l	96
36) 1,1-Dichloropropene	5.66	75	21772	3.83	ug/l	# 50
38) Carbon Tetrachloride	5.66	117	29018	5.43	ug/l	# 15
39) Methylcyclohexane	7.46	83	112996	17.41	ug/l	100
45) 1,2-Dichloropropane	7.46	63	1244	0.29	ug/l	# 1
48) Methyl methacrylate	7.73	41	3734	0.81	ug/l	# 61
52) Toluene	8.78	92	21894	2.06	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	4423	1.03	ug/l	# 22
67) Ethyl Benzene	10.25	91	171388	9.14	ug/l	98
68) m/p-Xylenes	10.36	106	258089	35.18	ug/l	97
69) o-Xylene	10.70	106	77392	11.15	ug/l	97
70) Styrene	10.70	104	3889	0.35	ug/l	# 1
73) Isopropylbenzene	11.02	105	37726	2.03	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	125370	21.79	ug/l	# 37
78) n-propylbenzene	11.36	91	75441	3.53	ug/l	99
79) 2-Chlorotoluene	11.43	91	46368	3.52	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.51	105	173506	11.27	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	125370	70.69	ug/l	# 10
82) 4-Chlorotoluene	11.51	91	18094	1.17	ug/l	# 44
83) tert-Butylbenzene	11.77	119	4017	0.26	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	411426	26.04	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
Data File : VX004232.D
Acq On : 23 Aug 2018 17:40
Operator : JC/MD
Sample : J4579-08DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0543DL

Quant Time: Aug 24 09:42:27 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

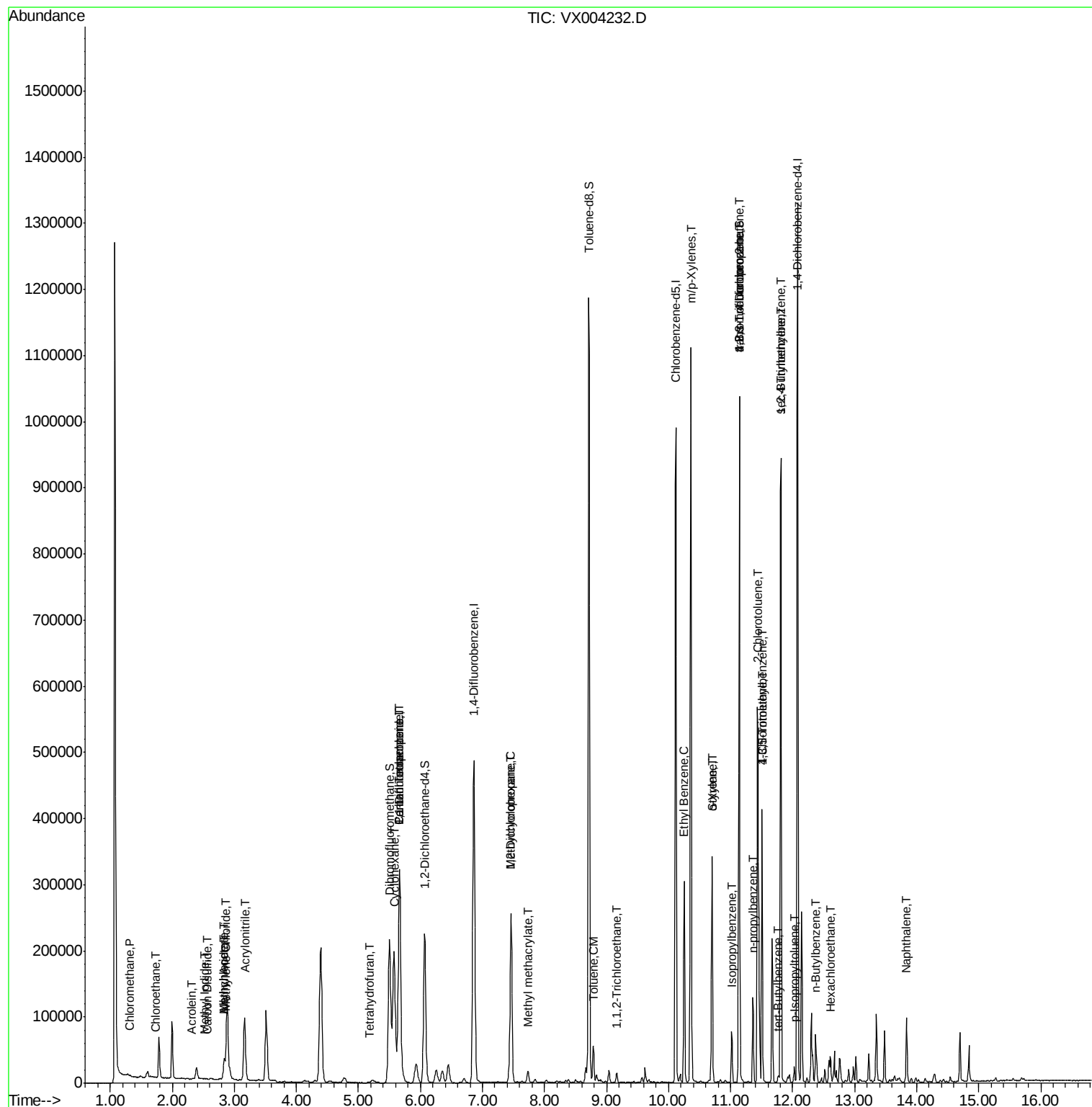
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.81	105	411426	22.38	ug/l #	55
86) p-Isopropyltoluene	12.02	119	10779	0.65	ug/l	97
89) n-Butylbenzene	12.38	91	12008	0.90	ug/l #	34
90) Hexachloroethane	12.61	117	1555	0.68	ug/l #	3
94) Hexachlorobutadiene	13.79	225	67	Below Cal	#	40
95) Naphthalene	13.83	128	60959	3.30	ug/l	99

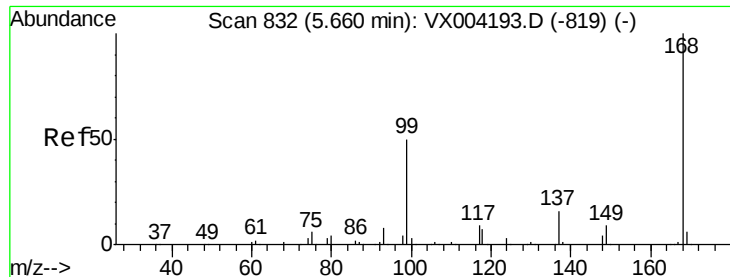
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082318\
Data File : VX004232.D
Acq On : 23 Aug 2018 17:40
Operator : JC/MD
Sample : J4579-08DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0543DL

Quant Time: Aug 24 09:42:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

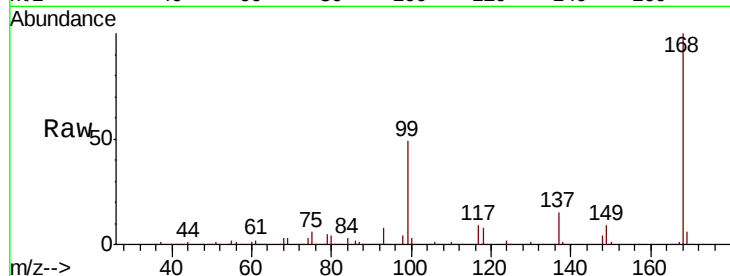
FL-0543DL

Tot Ion:168 Resp: 334921

Ion Ratio Lower Upper

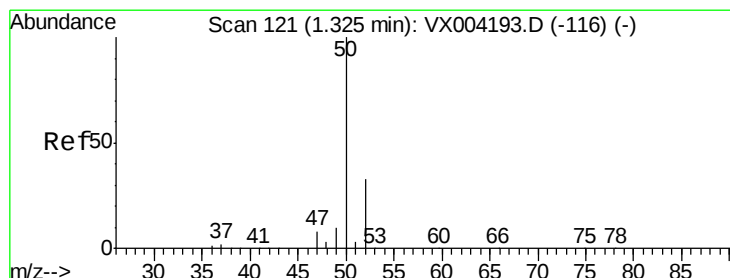
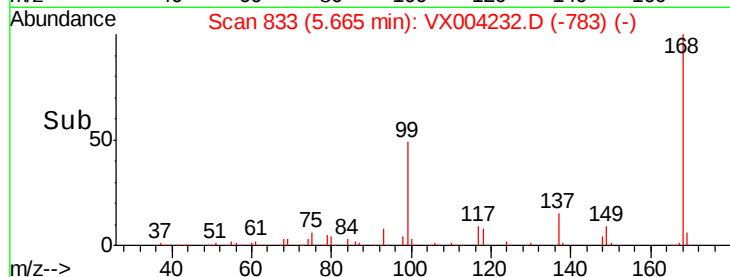
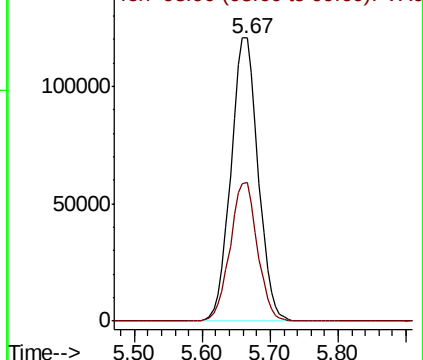
168 100

99 49.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.62 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004232.D

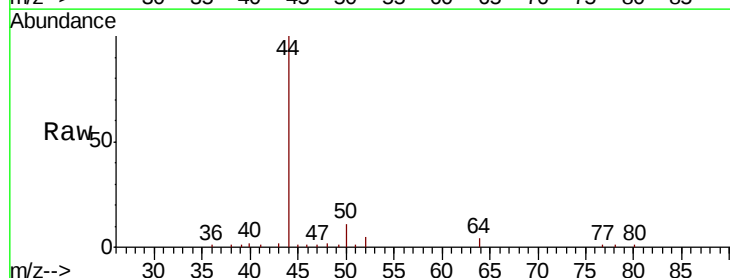
Acq: 23 Aug 2018 17:40

Tgt Ion: 50 Resp: 1417

Ion Ratio Lower Upper

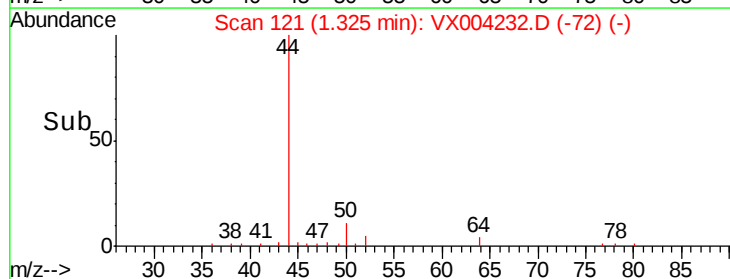
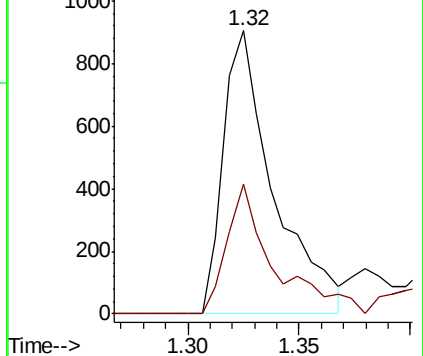
50 100

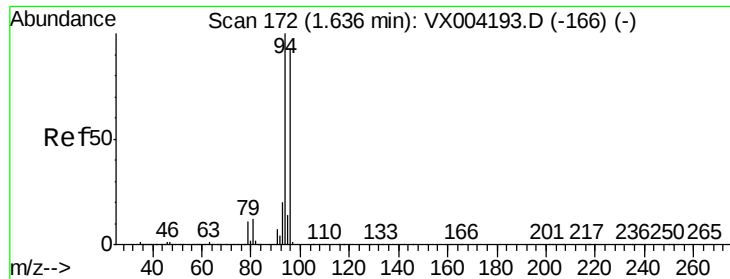
52 46.0 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

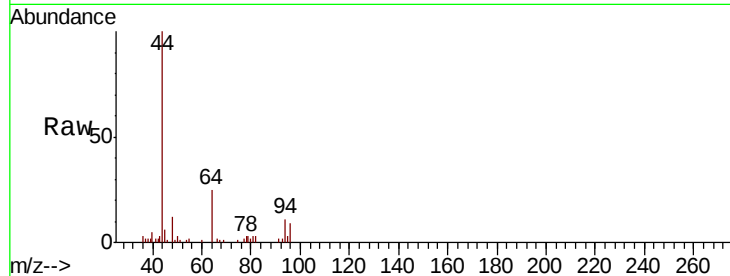
FL-0543DL

Tot Ion: 94 Resp: 1172

Ion Ratio Lower Upper

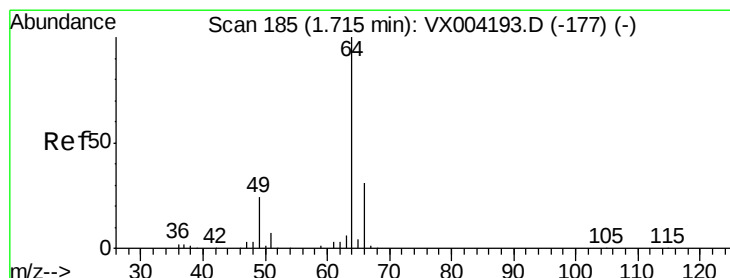
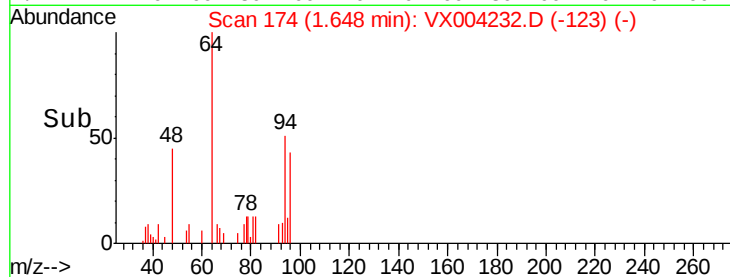
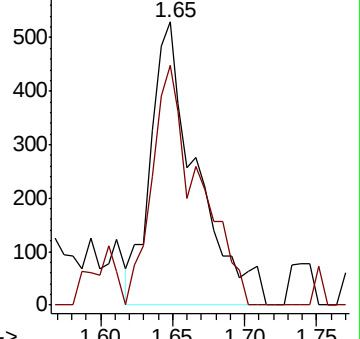
94 100

96 84.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.10 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.02 min

Lab File: VX004232.D

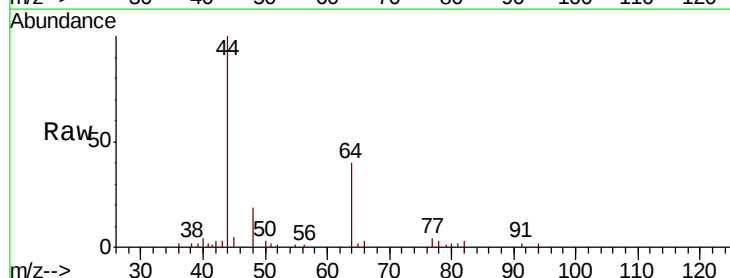
Acq: 23 Aug 2018 17:40

Tgt Ion: 64 Resp: 461

Ion Ratio Lower Upper

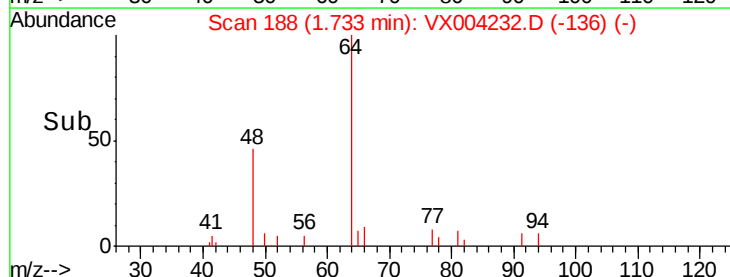
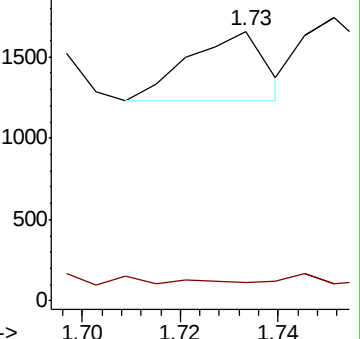
64 100

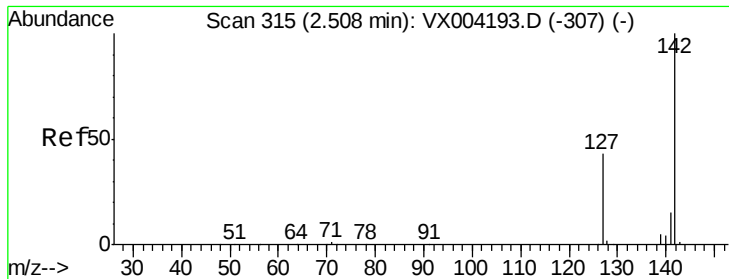
66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

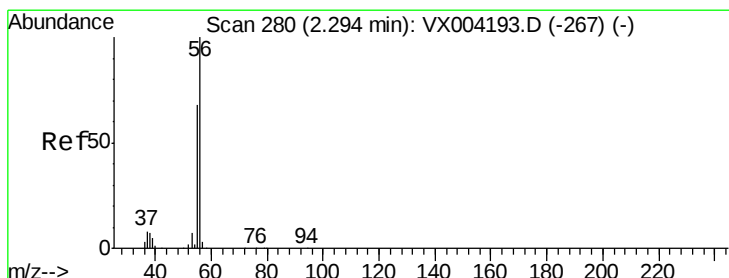
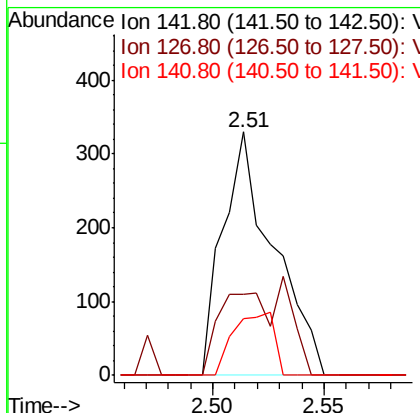
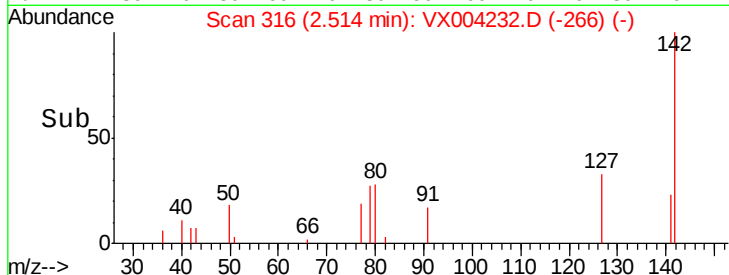
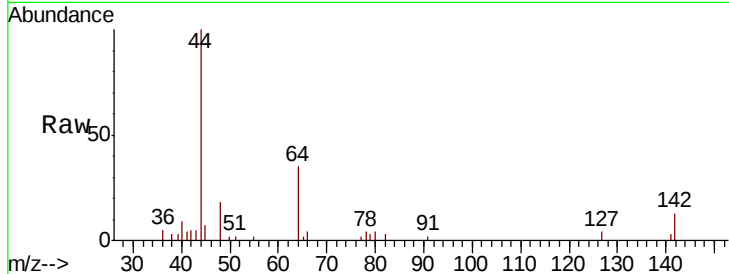




#10
Methvl Iodide
Concen: 4.38 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX004232.D
Acq: 23 Aug 2018 17:40

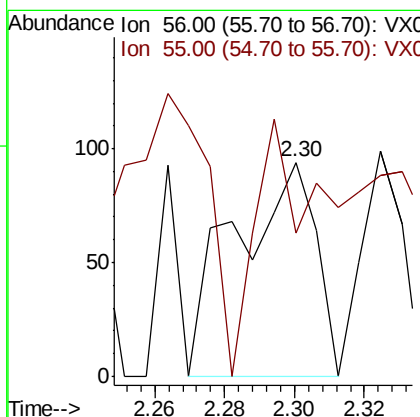
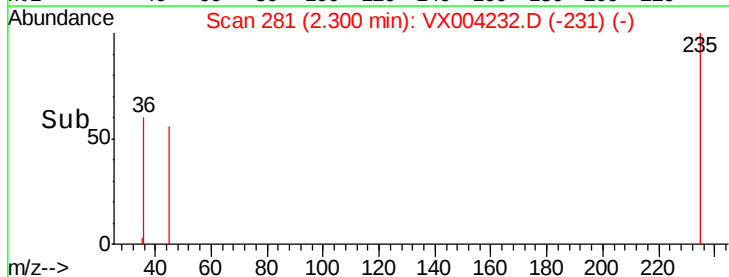
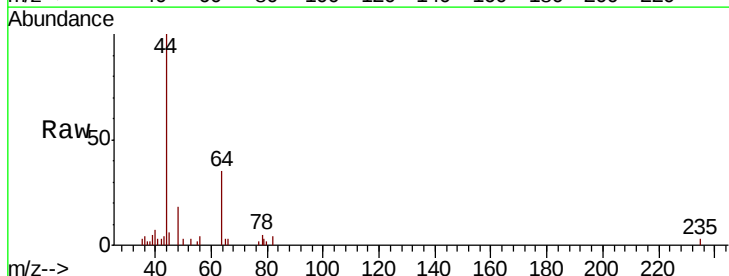
Instrument :
MSVOA_X
ClientSampled :
FL-0543DL

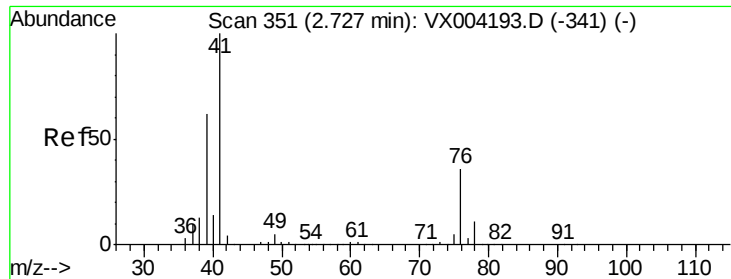
Tot Ion:142 Resp: 521
Ion Ratio Lower Upper
142 100
127 47.0 33.8 50.6
141 20.5 11.4 17.0#



#13
Acrolein
Concen: 0.67 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX004232.D
Acq: 23 Aug 2018 17:40

Tgt Ion: 56 Resp: 151
Ion Ratio Lower Upper
56 100
55 96.7 54.7 82.1#





#14

Allvl chloride

Concen: 1.22 ug/l

RT: 2.84 min Scan# 369

Delta R.T. 0.11 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0543DL

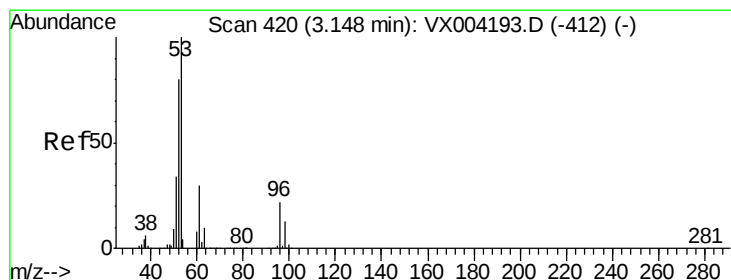
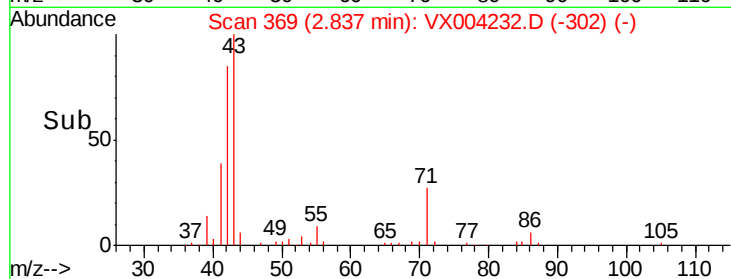
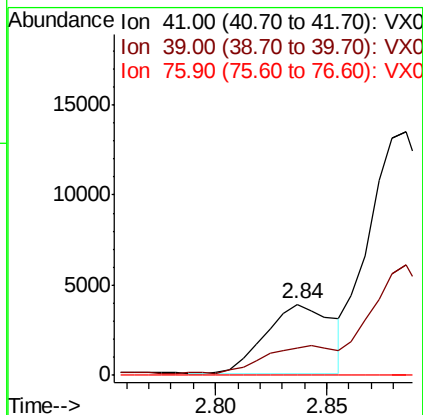
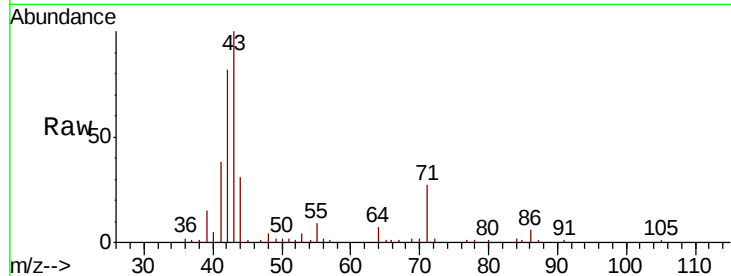
Tot Ion: 41 Resp: 7977

Ion Ratio Lower Upper

41 100

39 42.6 48.9 73.3#

76 0.0 26.7 40.1#



#15

Acrylonitrile

Concen: 1.09 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.02 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

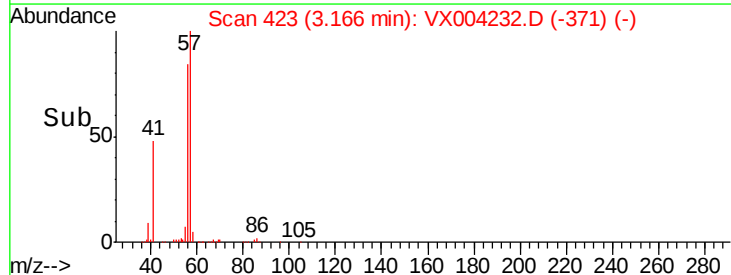
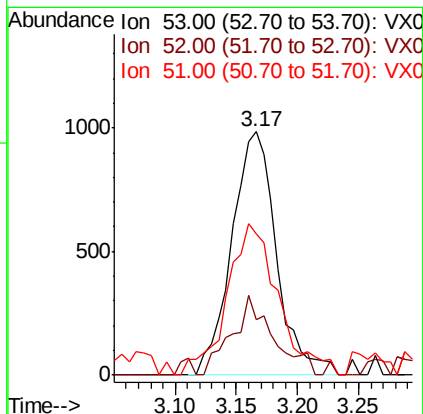
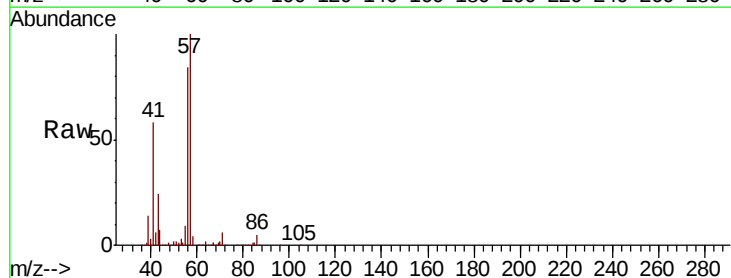
Tgt Ion: 53 Resp: 2512

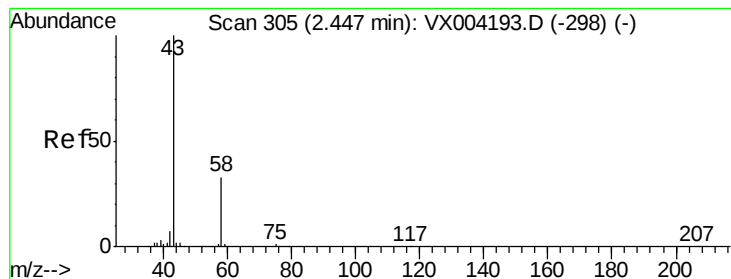
Ion Ratio Lower Upper

53 100

52 30.3 65.2 97.8#

51 70.9 28.2 42.2#





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

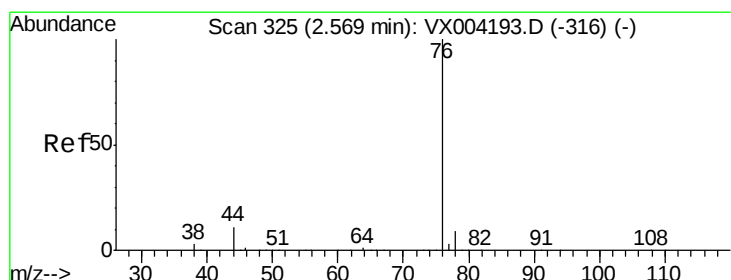
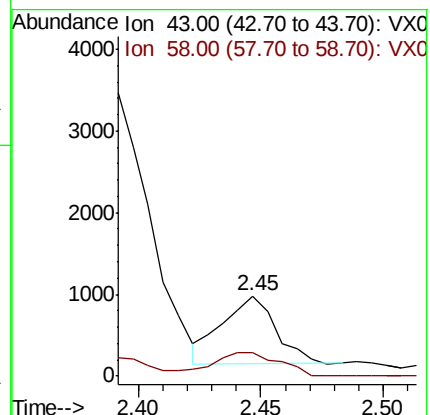
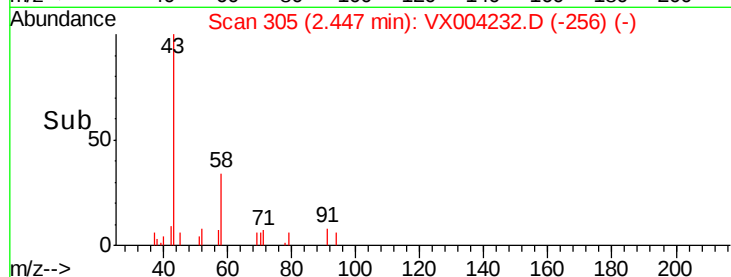
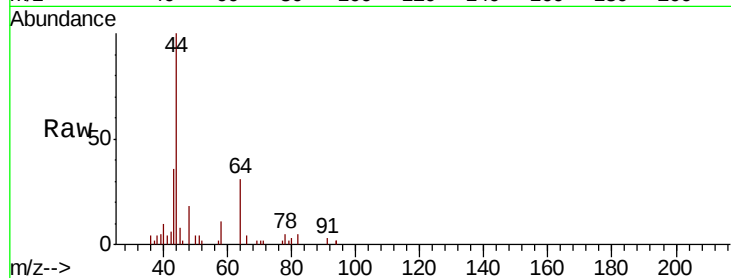
FL-0543DL

Tot Ion: 43 Resp: 1263

Ion Ratio Lower Upper

43 100

58 36.0 26.2 39.4



#17

Carbon Disulfide

Concen: 0.86 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX004232.D

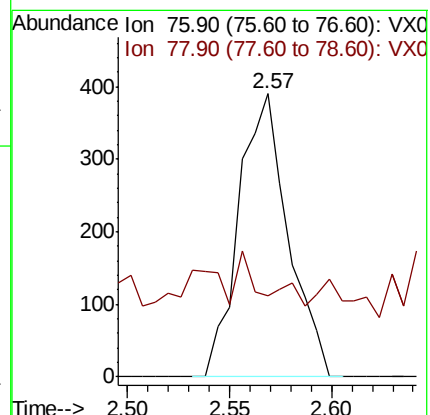
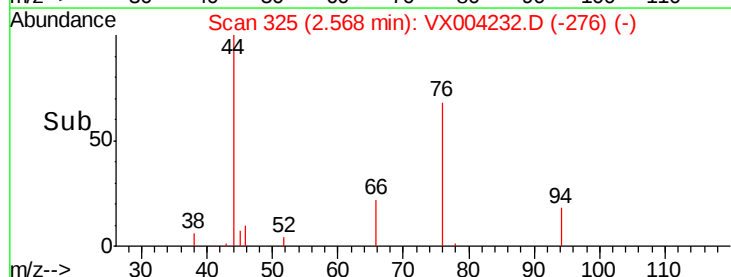
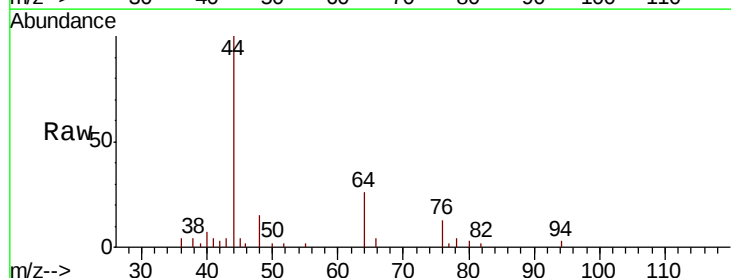
Acq: 23 Aug 2018 17:40

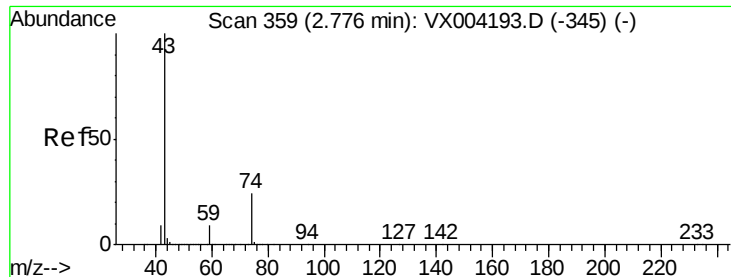
Tgt Ion: 76 Resp: 653

Ion Ratio Lower Upper

76 100

78 1.8 7.0 10.6#

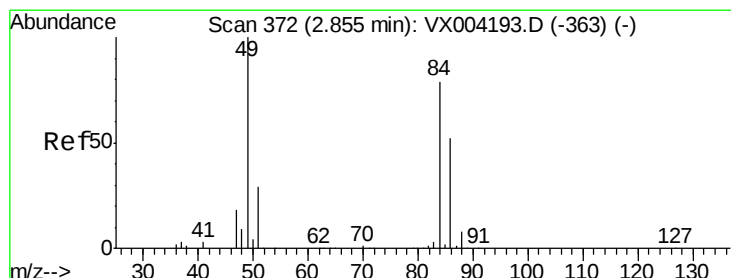
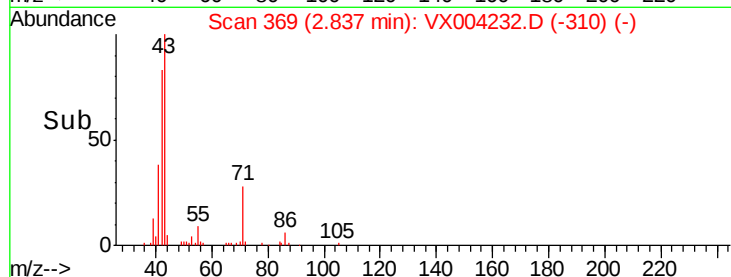
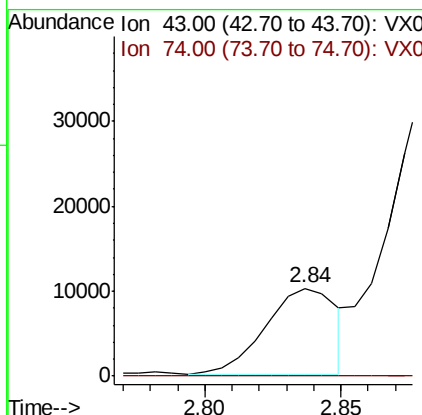
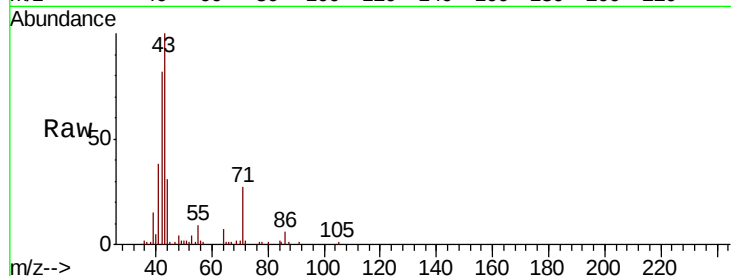




#18
Methyl Acetate
Concen: 2.81 ug/l
RT: 2.84 min Scan# 369
Delta R.T. 0.06 min
Lab File: VX004232.D
Acq: 23 Aug 2018 17:40

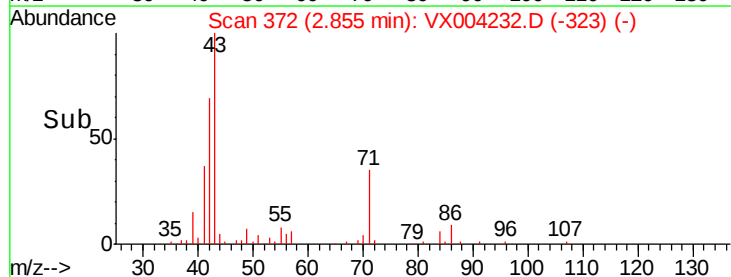
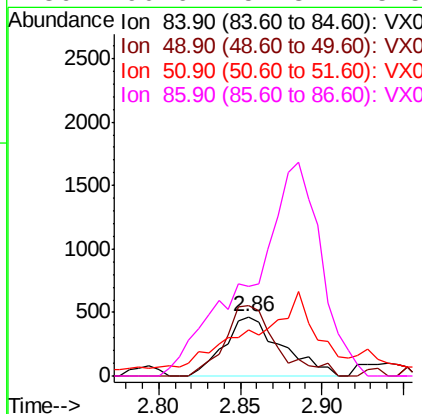
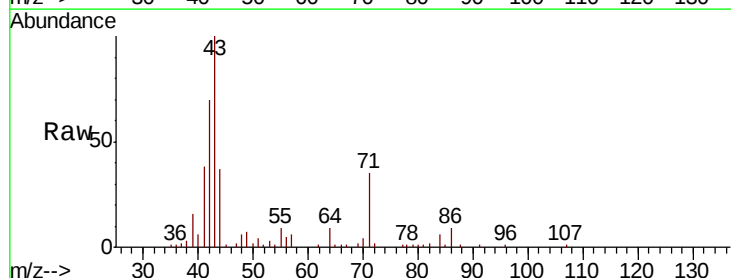
Instrument :
MSVOA_X
ClientSampled :
FL-0543DL

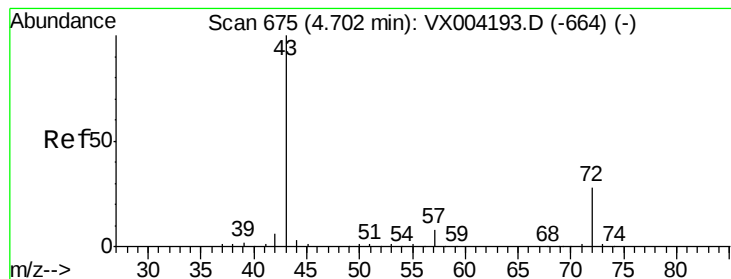
Tot Ion: 43 Resp: 18172
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004232.D
Acq: 23 Aug 2018 17:40

Tgt Ion: 84 Resp: 1149
Ion Ratio Lower Upper
84 100
49 119.7 101.2 151.8
51 57.0 29.5 44.3#
86 90.6 52.3 78.5#





#25

2-Butanone

Concen: Below Cal

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampleID :

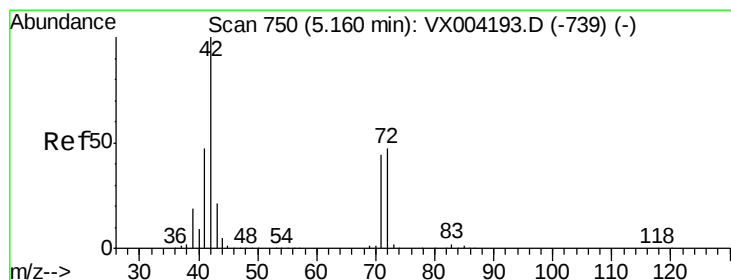
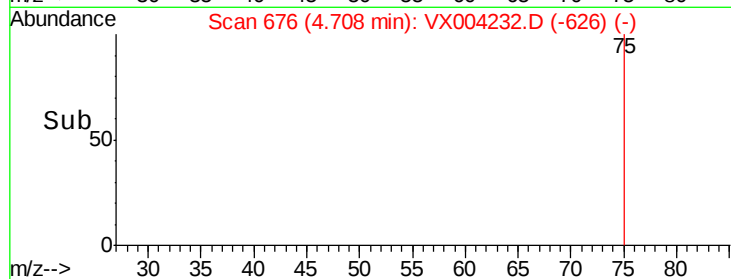
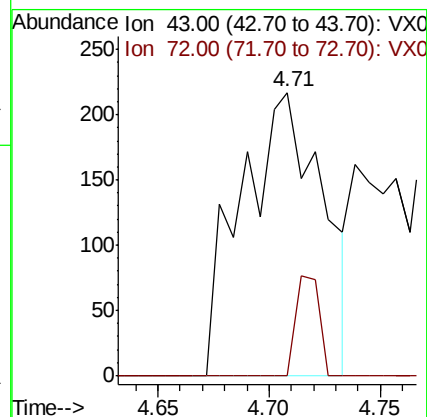
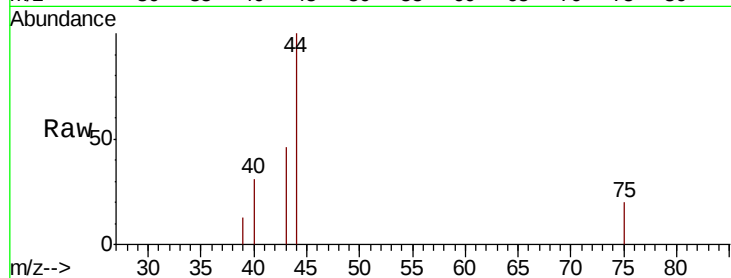
FL-0543DL

Tot Ion: 43 Resp: 551

Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



#29

Tetrahydrofuran

Concen: 0.39 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

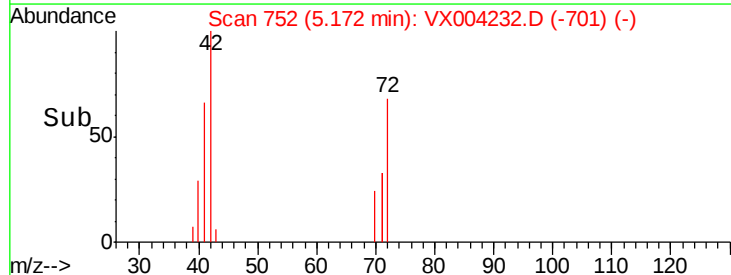
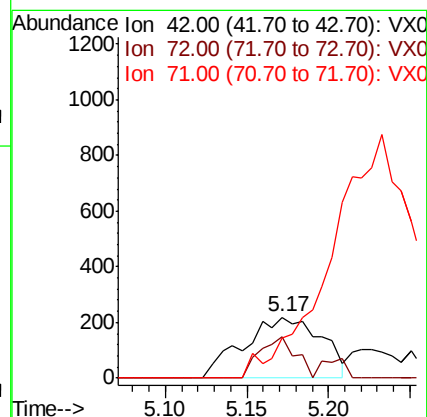
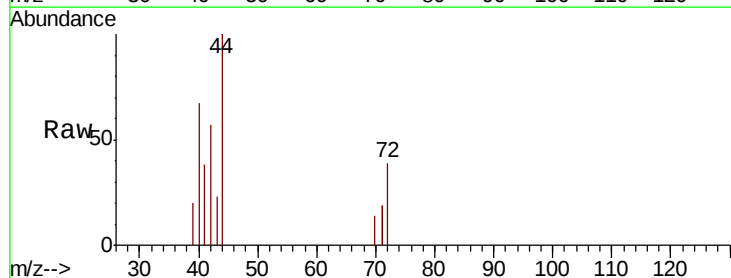
Tgt Ion: 42 Resp: 725

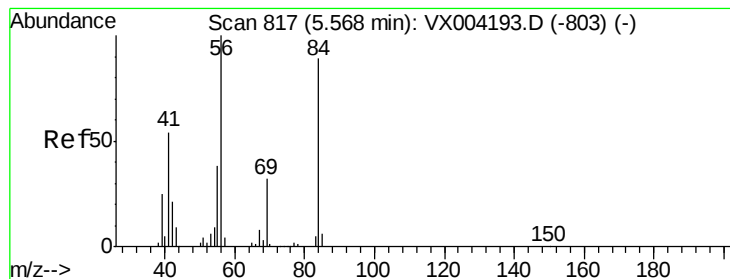
Ion Ratio Lower Upper

42 100

72 30.9 37.4 56.0#

71 0.0 34.5 51.7#





#31

Cyclohexane

Concen: 21.73 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0543DL

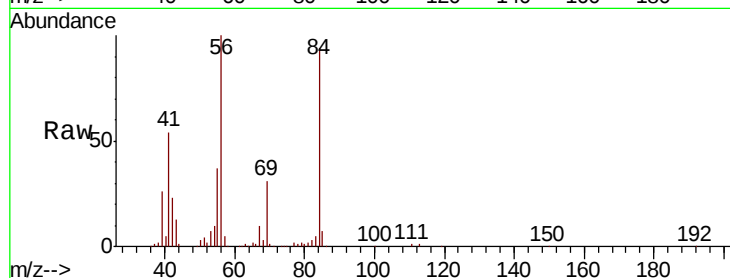
Tot Ion: 56 Resp: 132976

Ion Ratio Lower Upper

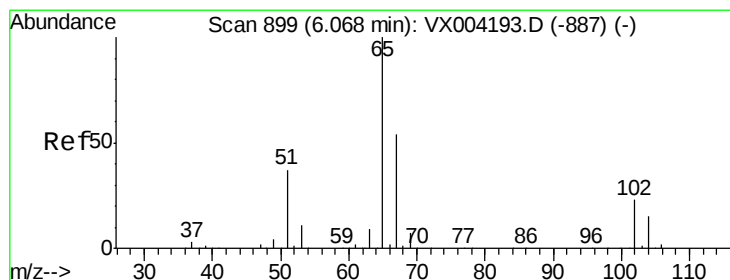
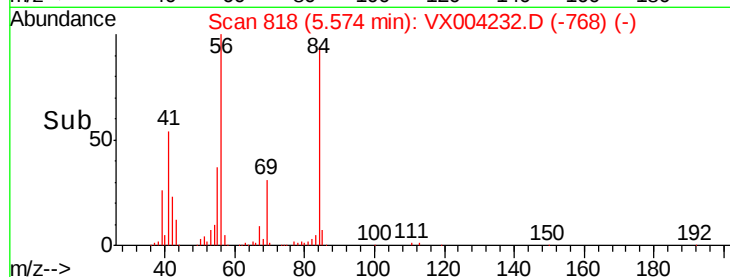
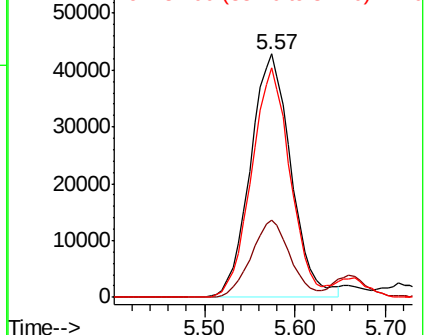
56 100

69 31.5 25.4 38.2

84 94.5 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: 48.06 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004232.D

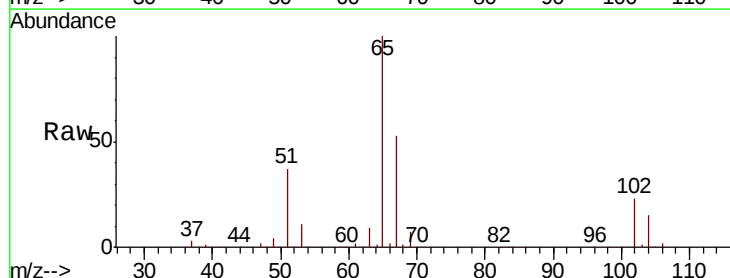
Acq: 23 Aug 2018 17:40

Tgt Ion: 65 Resp: 209783

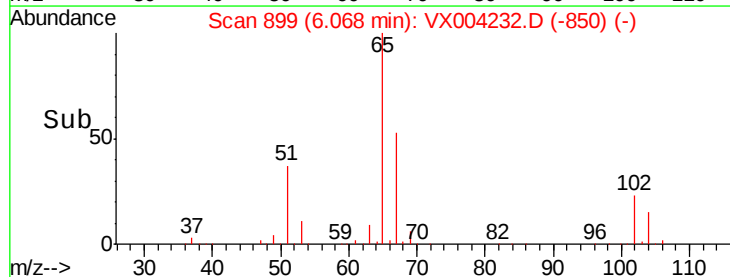
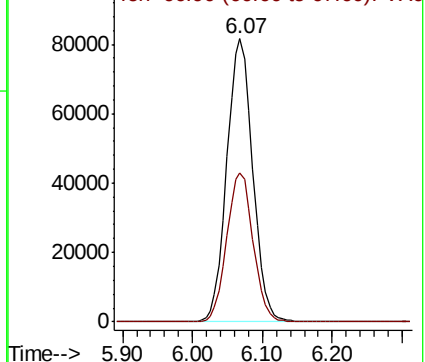
Ion Ratio Lower Upper

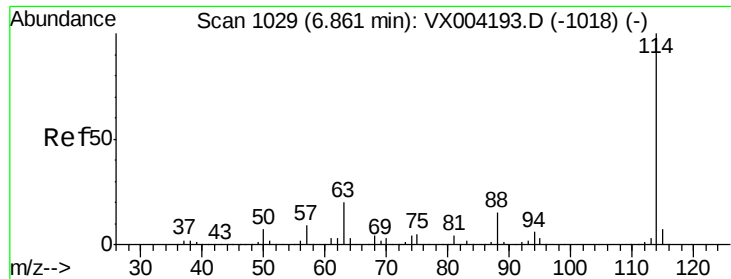
65 100

67 53.6 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: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampleID :

FL-0543DL

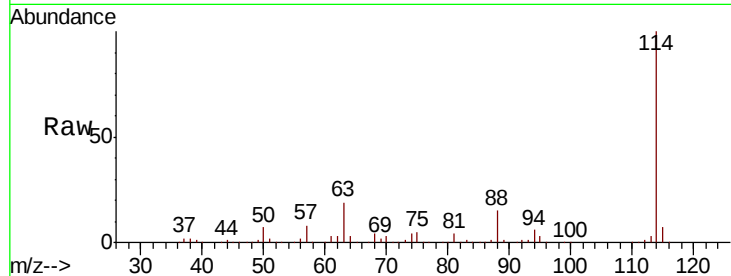
Tot Ion:114 Resp: 505536

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

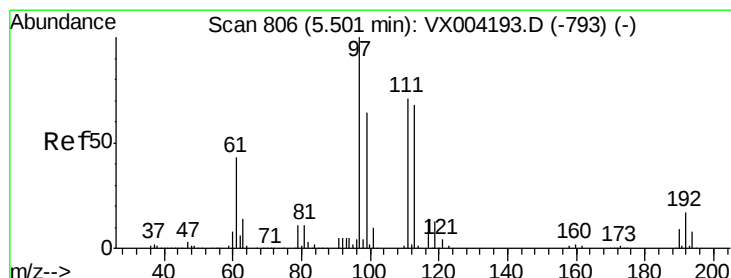
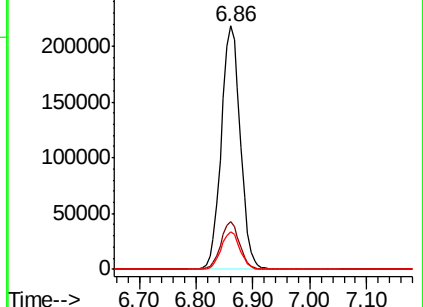
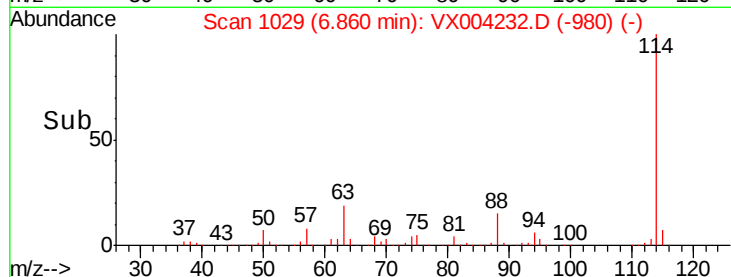
88 15.3 0.0 30.4



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: 48.72 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

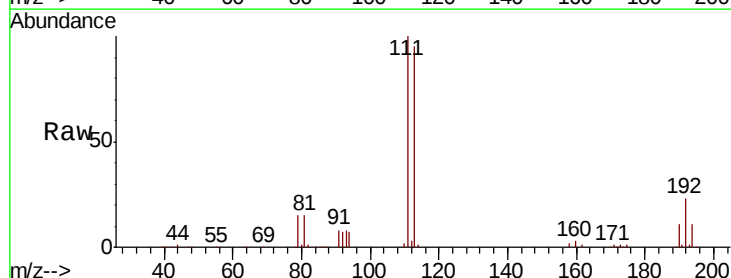
Tgt Ion:113 Resp: 183245

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

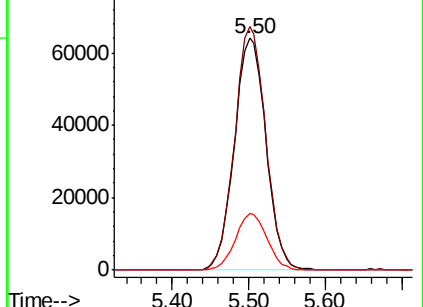
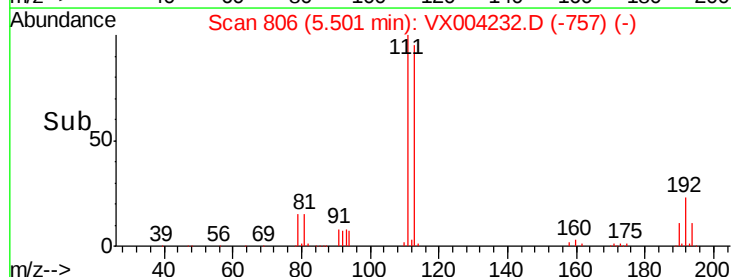
192 24.3 19.4 29.2

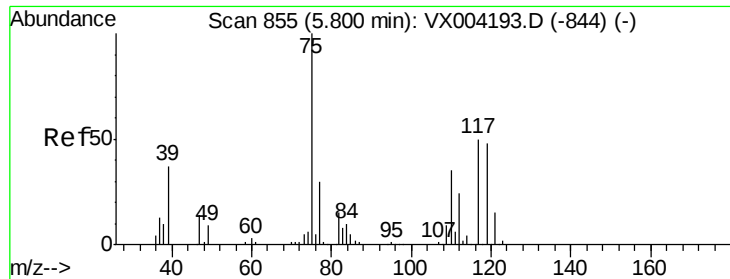


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.83 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

FL-0543DL

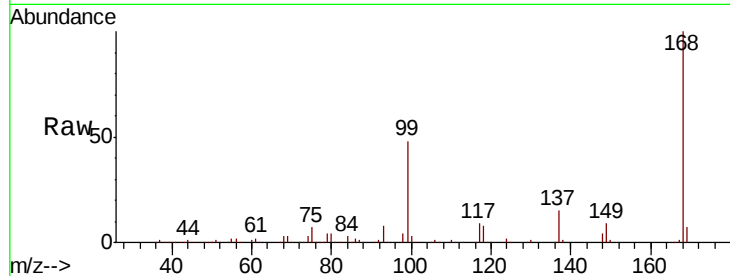
Tot Ion: 75 Resp: 21772

Ion Ratio Lower Upper

75 100

110 9.3 18.0 54.0#

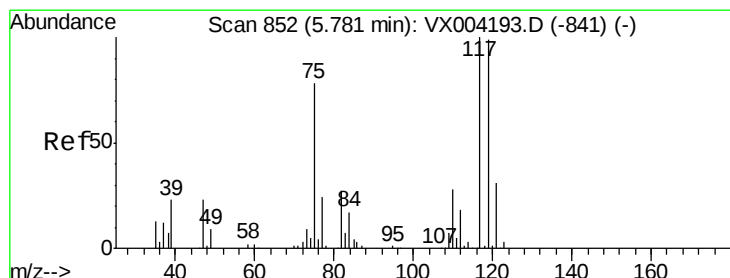
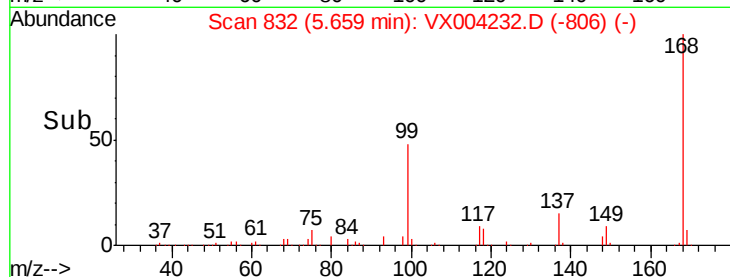
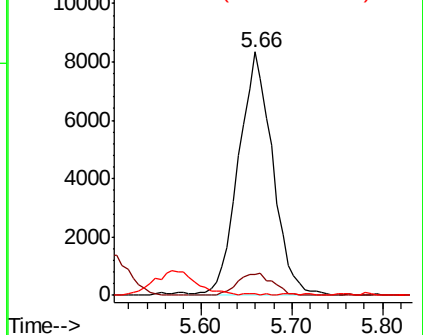
77 0.4 24.6 36.8#



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: 5.43 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.12 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

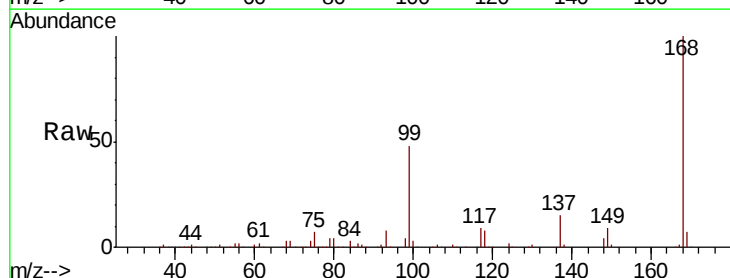
Tgt Ion: 117 Resp: 29018

Ion Ratio Lower Upper

117 100

119 5.1 78.8 118.2#

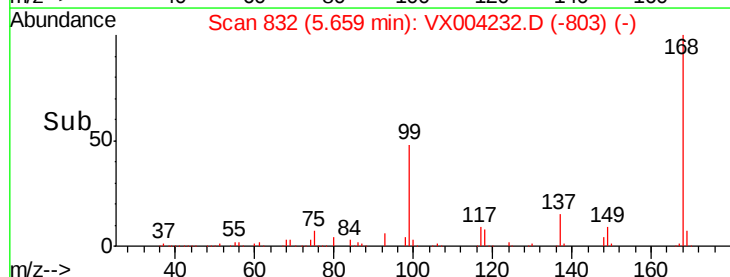
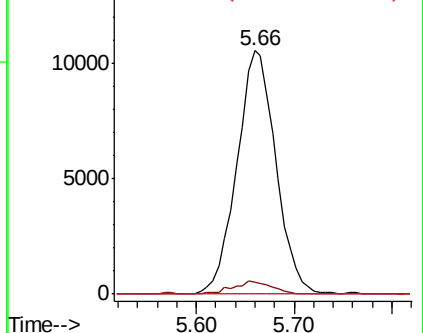
121 0.0 24.9 37.3#

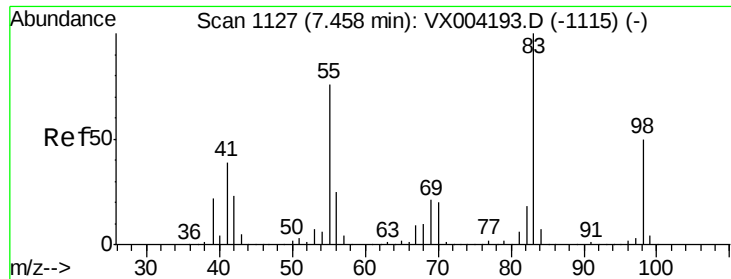


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

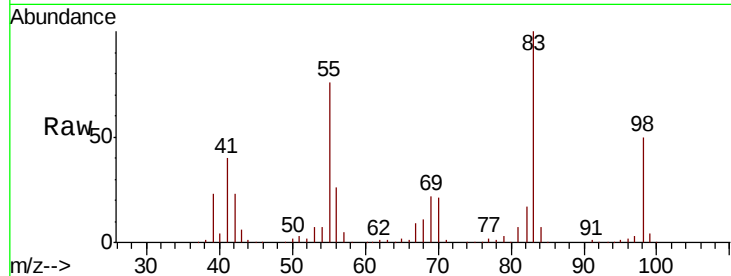




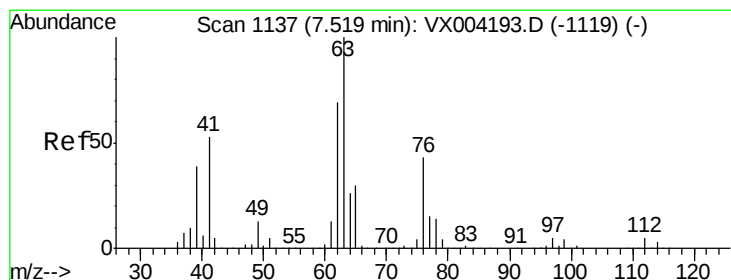
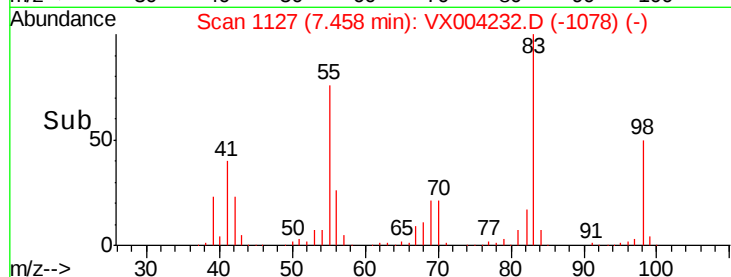
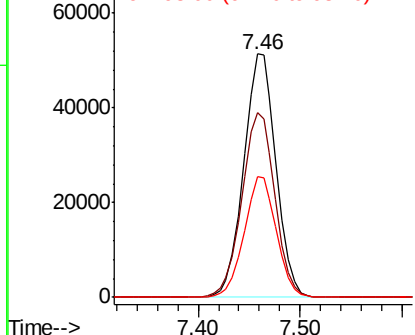
#39
Methvlcvclohexane
Concen: 17.41 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004232.D
Acq: 23 Aug 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0543DL

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.0	91.4
98	49.6	39.6	59.4

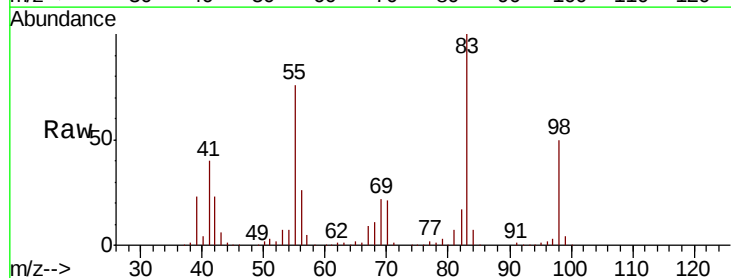


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

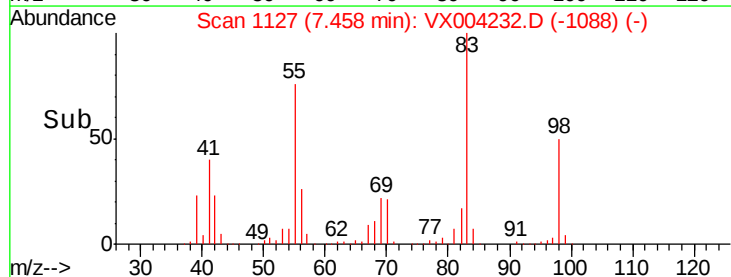
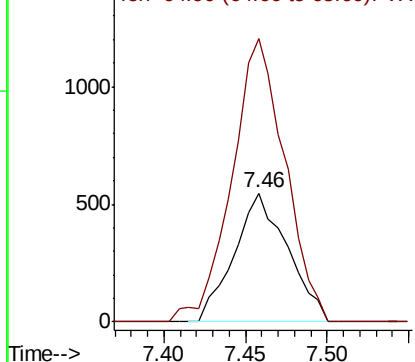


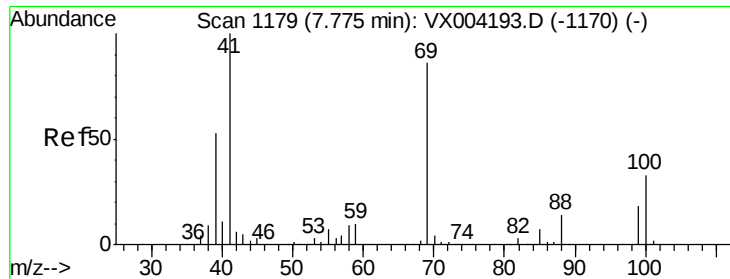
#45
1,2-Dichloropropane
Concen: 0.29 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.06 min
Lab File: VX004232.D
Acq: 23 Aug 2018 17:40

Tgt Ion	Ratio	Lower	Upper
63	100		
65	219.9	24.3	36.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0

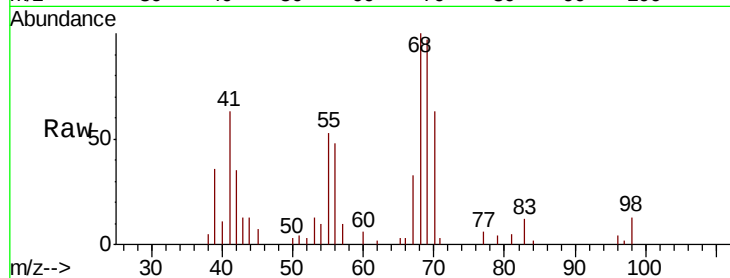




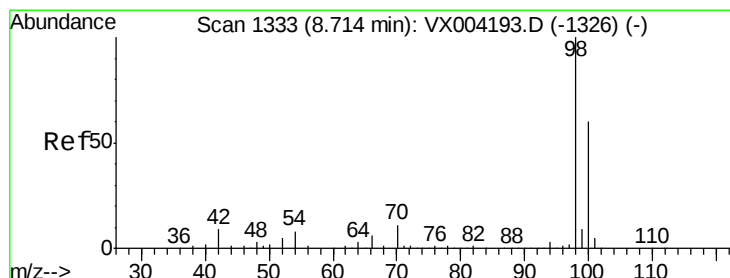
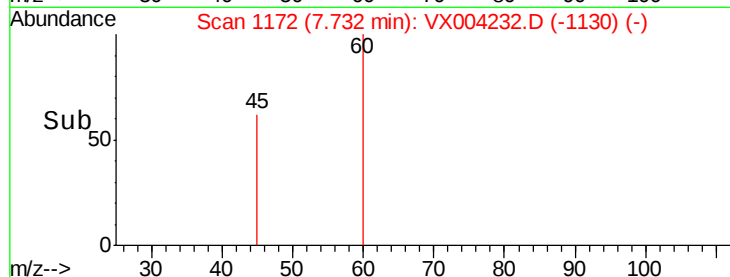
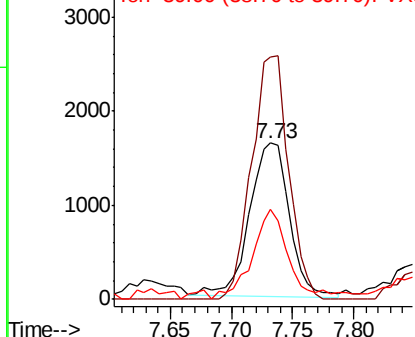
#48
Methvl methacrylate
Concen: 0.81 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.04 min
Lab File: VX004232.D
Acq: 23 Aug 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0543DL

Tot Ion: 41 Resp: 3734
Ion Ratio Lower Upper
41 100
69 146.4 70.2 105.4#
39 53.1 42.7 64.1

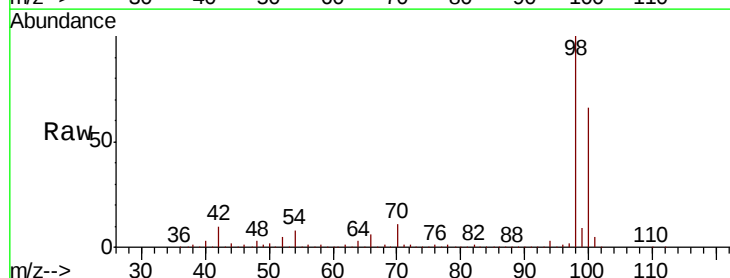


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

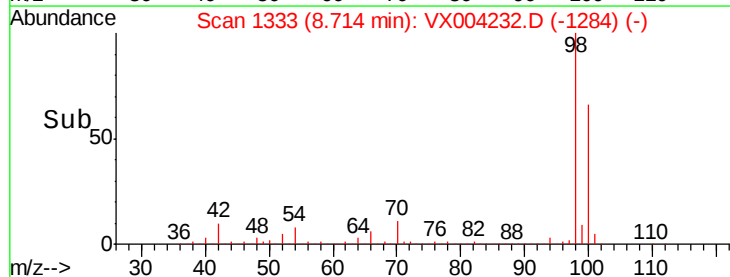
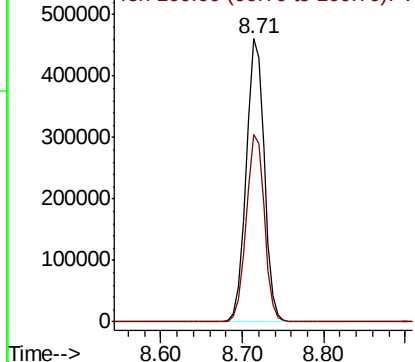


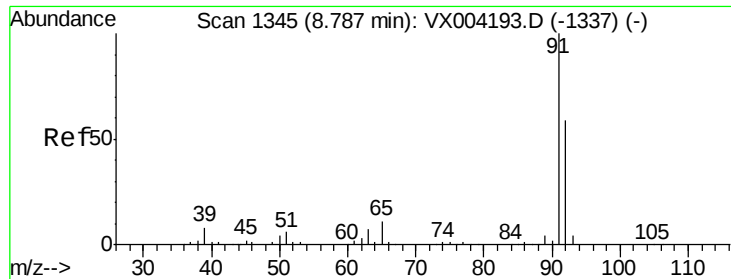
#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004232.D
Acq: 23 Aug 2018 17:40

Tgt Ion: 98 Resp: 708396
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): VX0





#52

Toluene

Concen: 2.06 ug/l

RT: 8.78 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

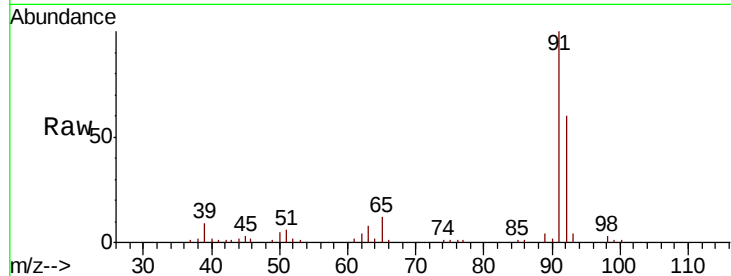
FL-0543DL

Tot Ion: 92 Resp: 21894

Ion Ratio Lower Upper

92 100

91 171.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

25000

20000

15000

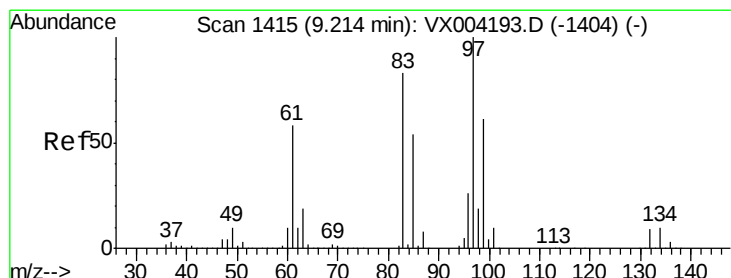
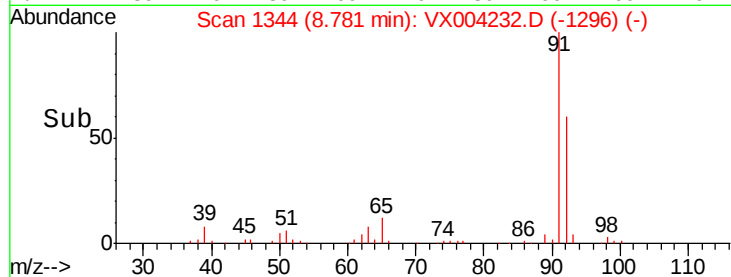
10000

5000

0

8.70 8.75 8.80 8.85

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.03 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Tgt Ion: 97 Resp: 4423

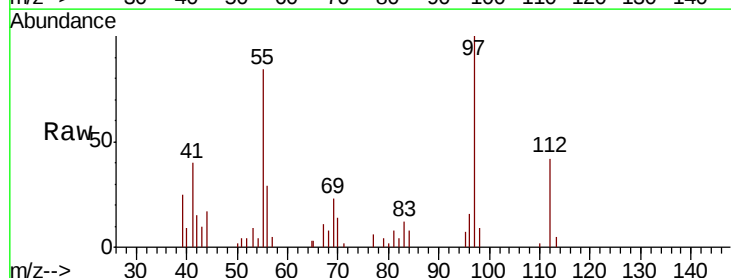
Ion Ratio Lower Upper

97 100

83 12.3 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

4000

3000

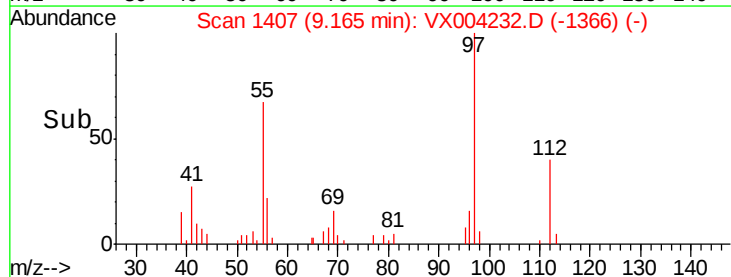
2000

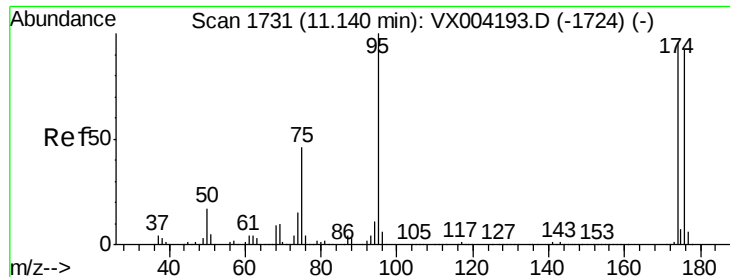
1000

0

9.10 9.15 9.20

Time-->

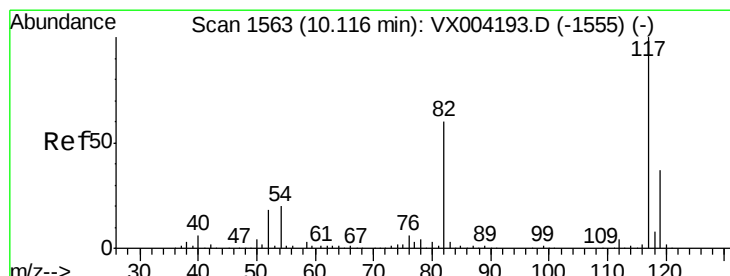
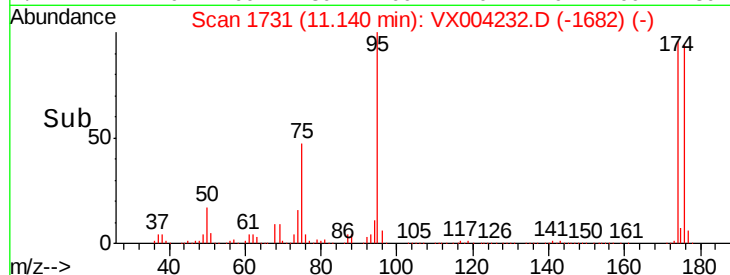
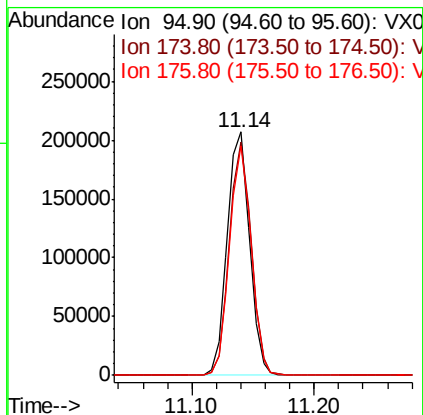
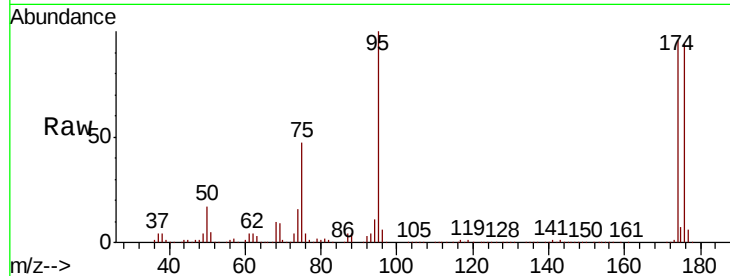




#62
 4-Bromofluorobenzene
 Concen: 49.46 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004232.D
 Acq: 23 Aug 2018 17:40

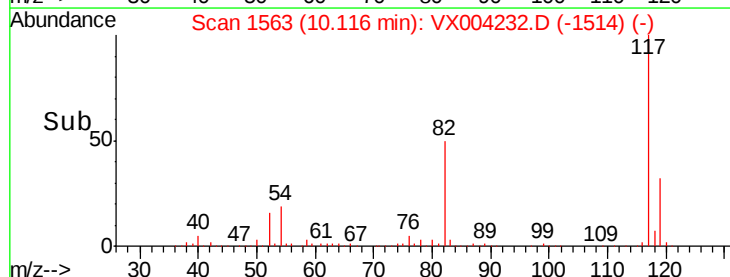
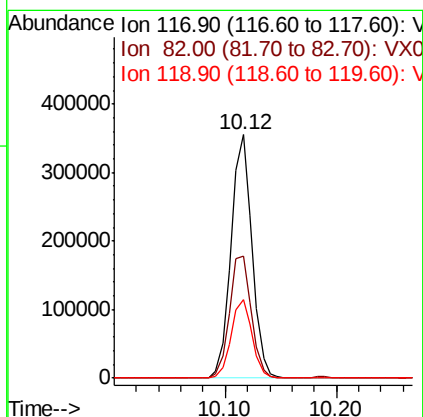
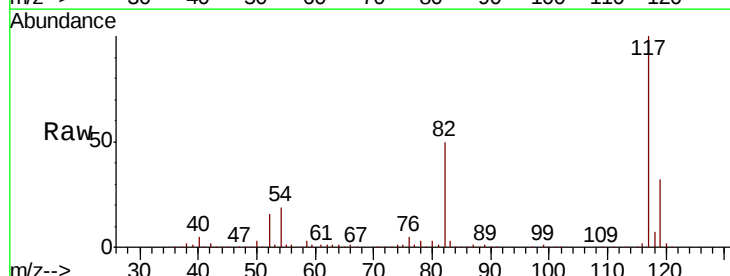
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0543DL

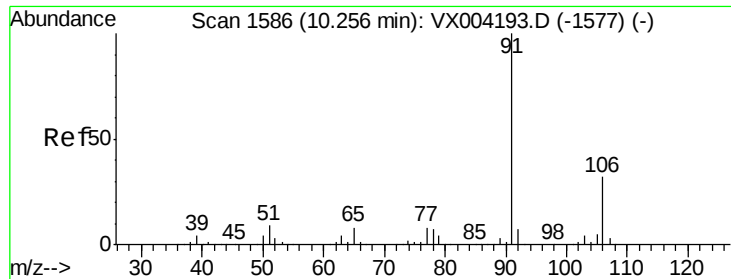
Tot Ion: 95 Resp: 261964
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 185.2
 176 90.7 0.0 178.6



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX004232.D
 Acq: 23 Aug 2018 17:40

Tgt Ion: 117 Resp: 460280
 Ion Ratio Lower Upper
 117 100
 82 50.2 47.8 71.6
 119 32.1 29.3 43.9

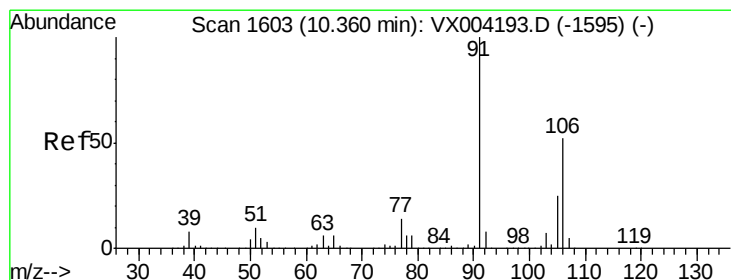
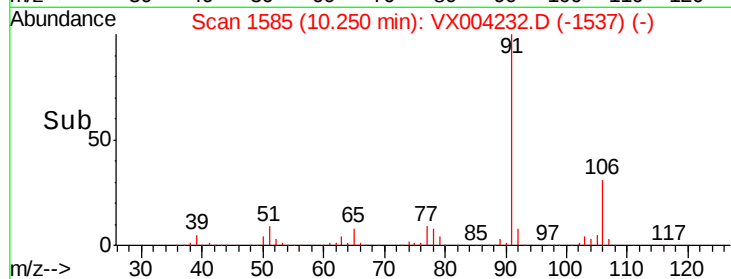
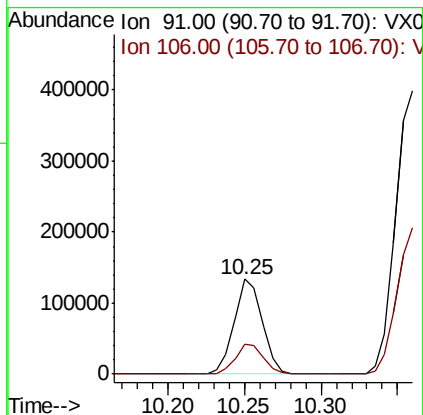
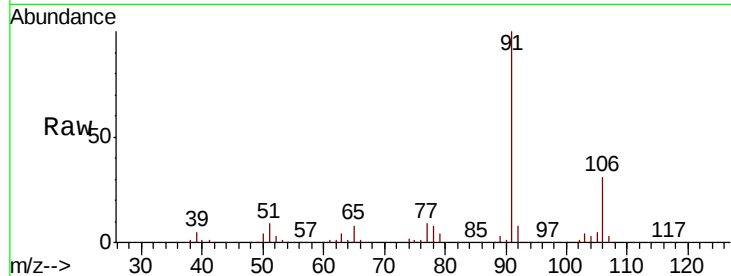




#67
Ethyl Benzene
Concen: 9.14 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004232.D
Acq: 23 Aug 2018 17:40

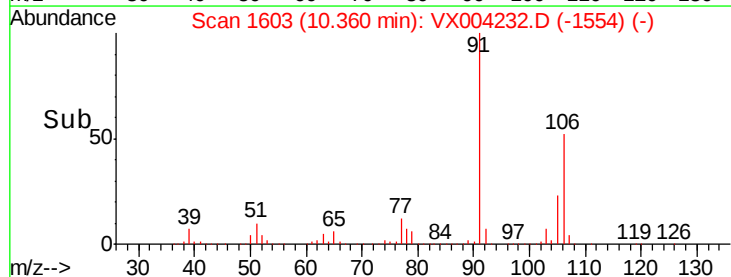
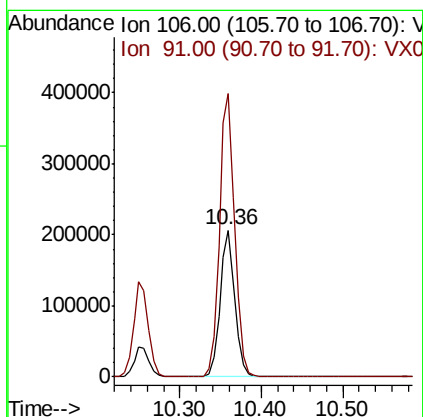
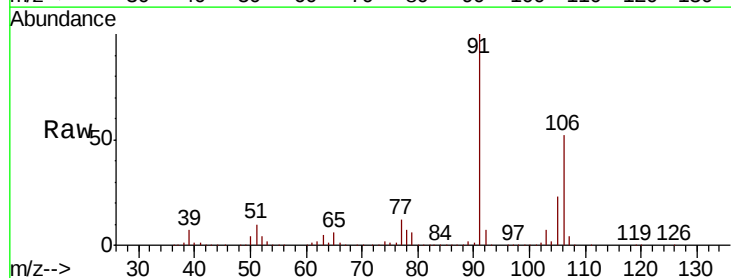
Instrument :
MSVOA_X
ClientSampleID :
FL-0543DL

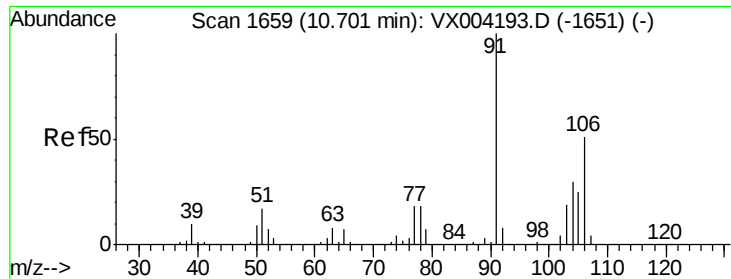
Tot Ion: 91 Resp: 171388
Ion Ratio Lower Upper
91 100
106 31.3 25.9 38.9



#68
m/p-Xylenes
Concen: 35.18 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004232.D
Acq: 23 Aug 2018 17:40

Tgt Ion: 106 Resp: 258089
Ion Ratio Lower Upper
106 100
91 200.6 157.1 235.7

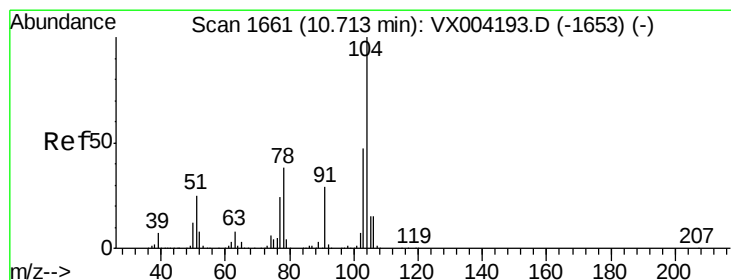
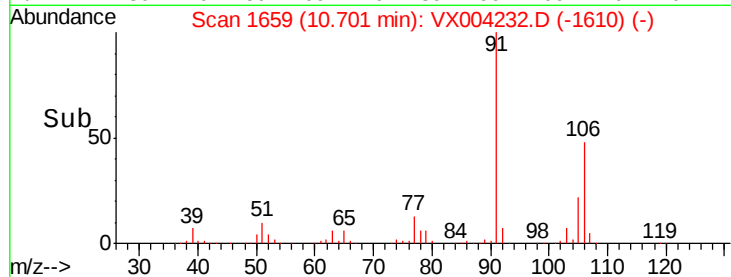
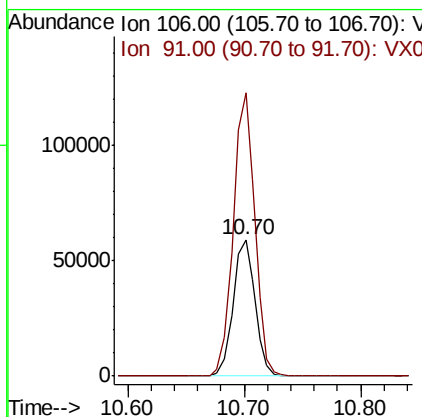
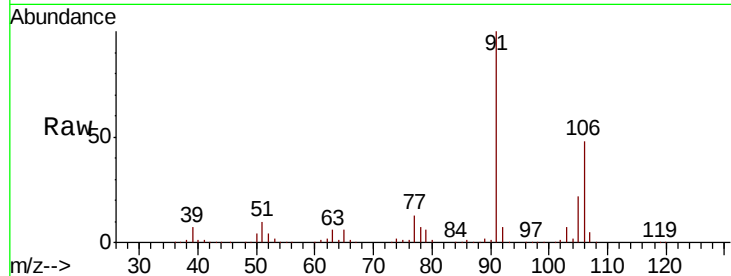




#69
o-Xylene
Concen: 11.15 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004232.D
Acq: 23 Aug 2018 17:40

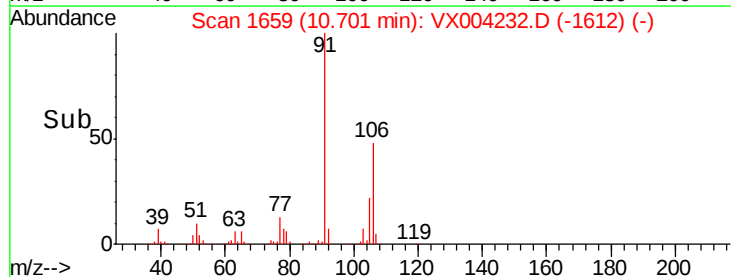
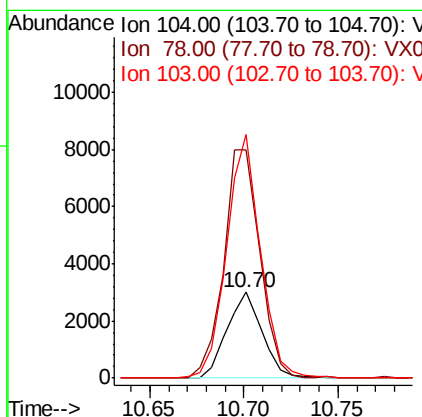
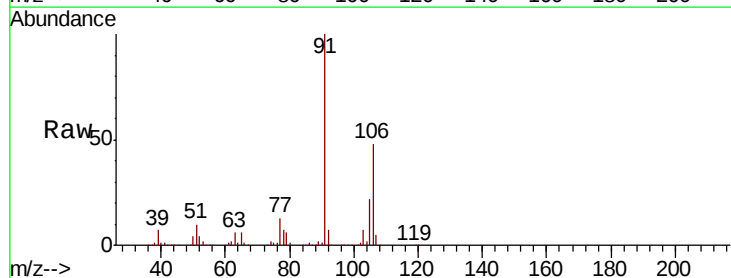
Instrument :
MSVOA_X
ClientSampleID :
FL-0543DL

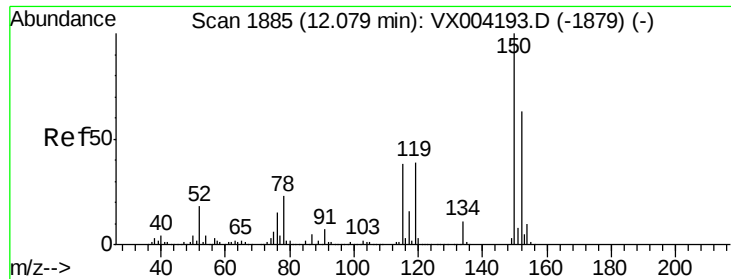
Tot Ion:106 Resp: 77392
Ion Ratio Lower Upper
106 100
91 204.9 105.1 315.1



#70
Styrene
Concen: 0.35 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX004232.D
Acq: 23 Aug 2018 17:40

Tgt Ion:104 Resp: 3889
Ion Ratio Lower Upper
104 100
78 272.6 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: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0543DL

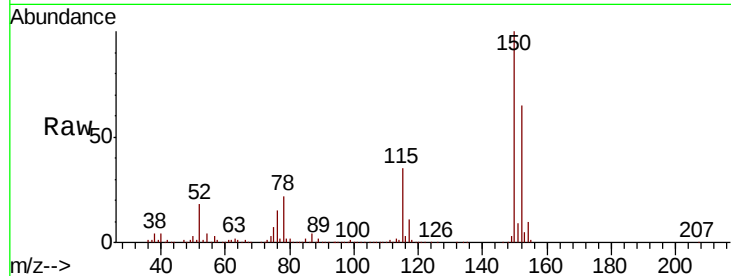
Tot Ion:152 Resp: 282936

Ion Ratio Lower Upper

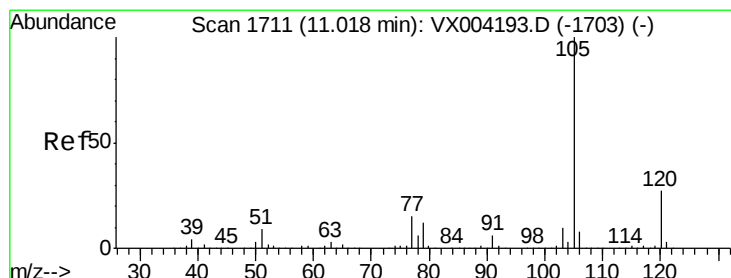
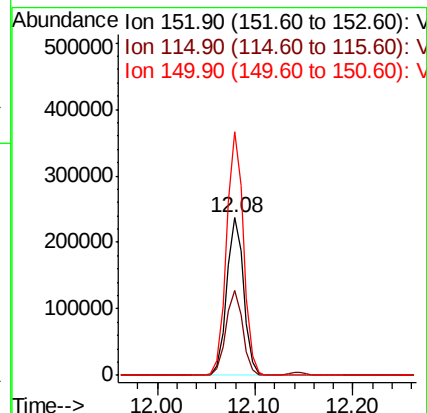
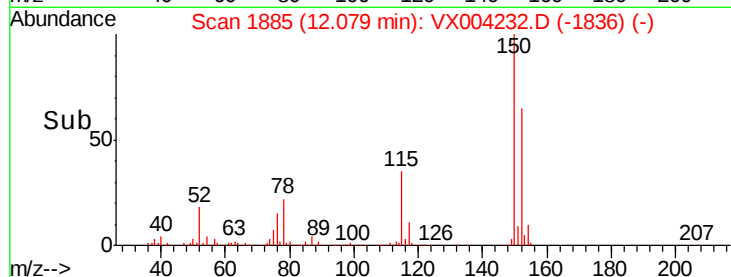
152 100

115 53.5 39.0 117.0

150 154.5 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: 2.03 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004232.D

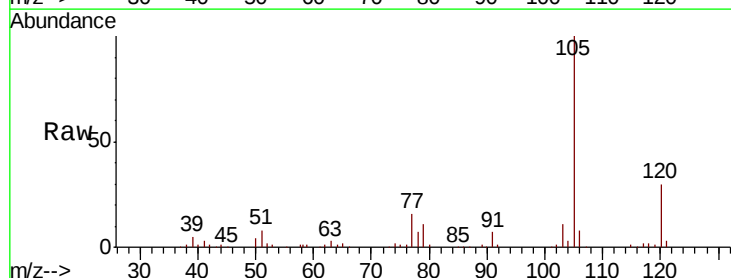
Acq: 23 Aug 2018 17:40

Tgt Ion:105 Resp: 37726

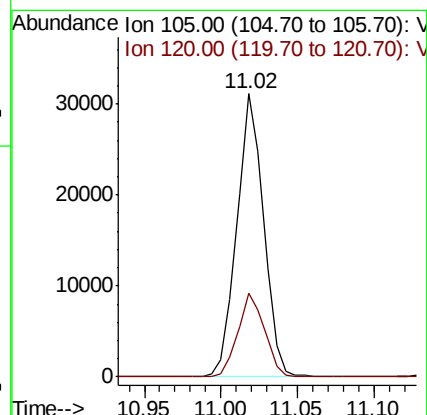
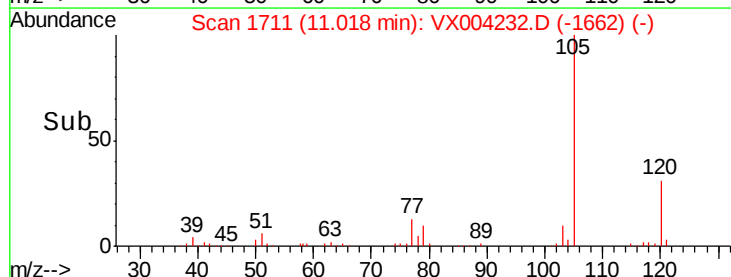
Ion Ratio Lower Upper

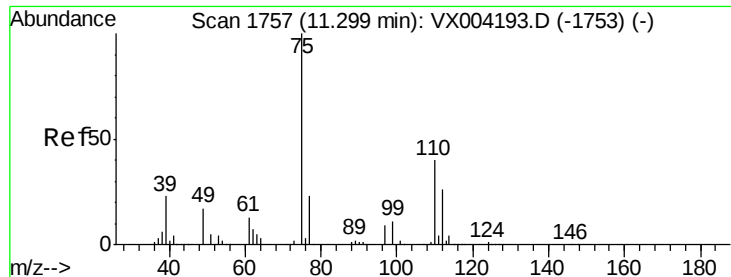
105 100

120 29.3 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: 21.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

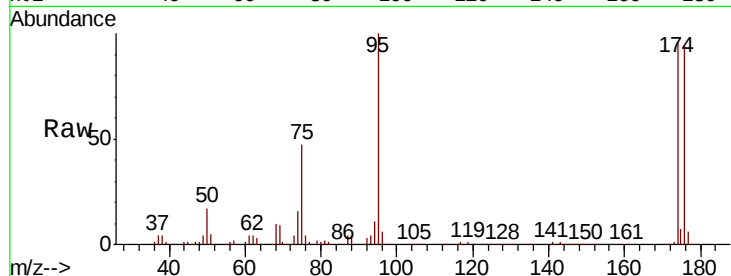
FL-0543DL

Tot Ion: 75 Resp: 125370

Ion Ratio Lower Upper

75 100

77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

100000

80000

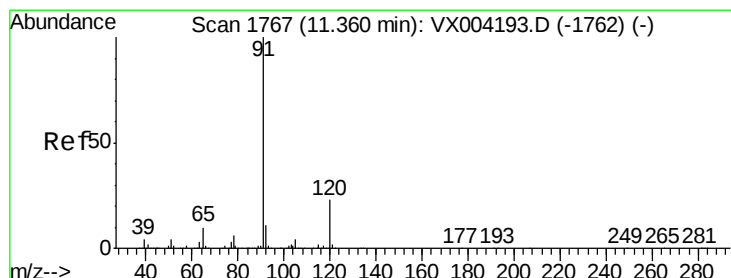
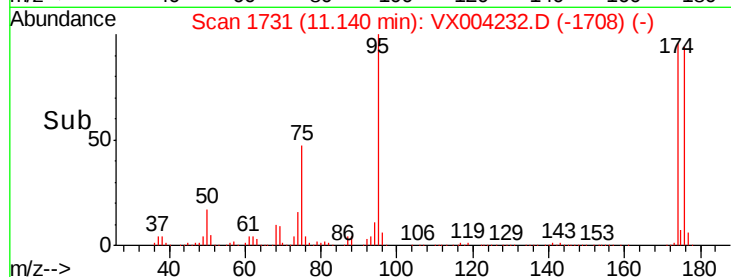
60000

40000

20000

0

Time-->



#78

n-propylbenzene

Concen: 3.53 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004232.D

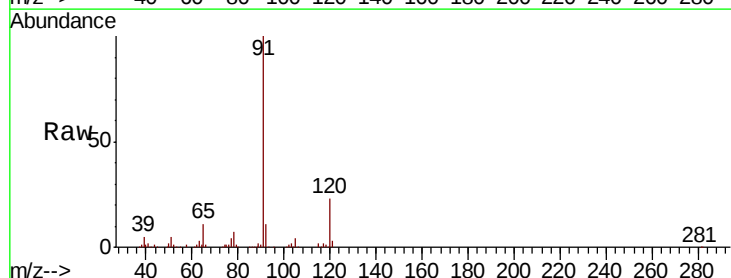
Acq: 23 Aug 2018 17:40

Tgt Ion: 91 Resp: 75441

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

80000

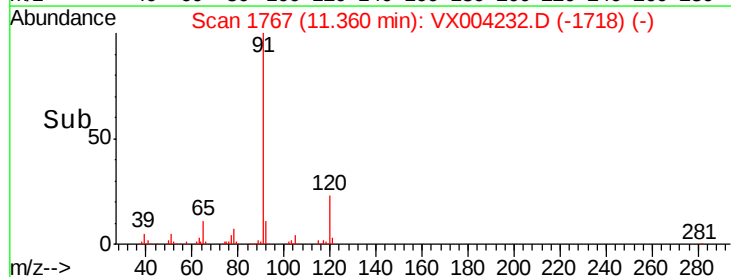
60000

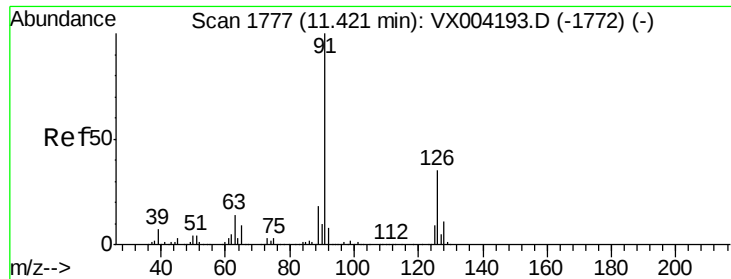
40000

20000

0

Time-->





#79

2-Chlorotoluene

Concen: 3.52 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

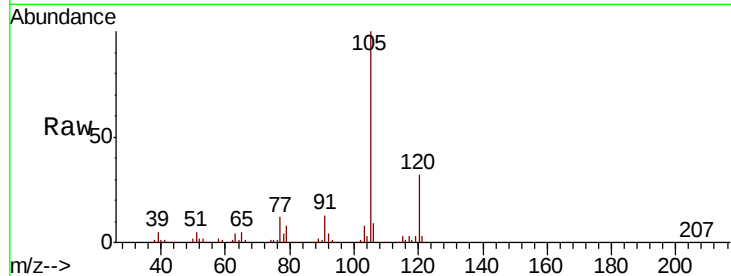
FL-0543DL

Tot Ion: 91 Resp: 46368

Ion Ratio Lower Upper

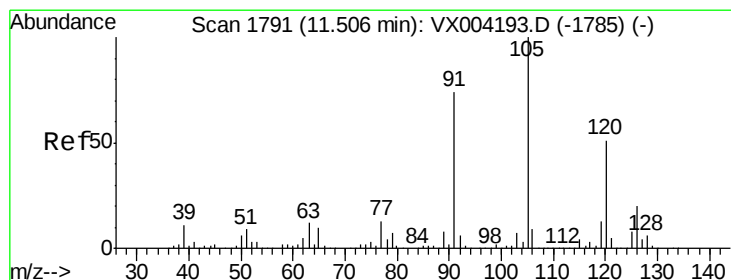
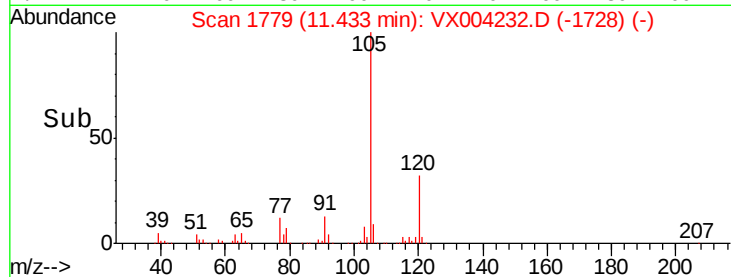
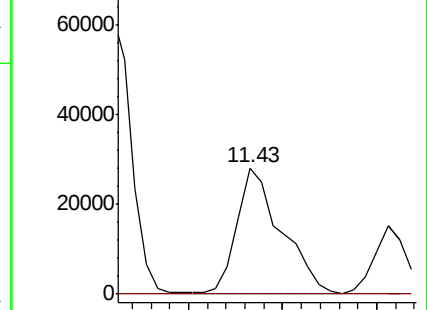
91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX004193.D (-1772) (-)

Ion 125.90 (125.60 to 126.60): VX004193.D (-1772) (-)



#80

1,3,5-Trimethylbenzene

Concen: 11.27 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004232.D

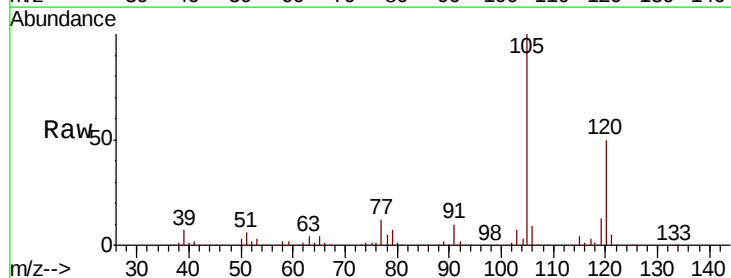
Acq: 23 Aug 2018 17:40

Tgt Ion:105 Resp: 173506

Ion Ratio Lower Upper

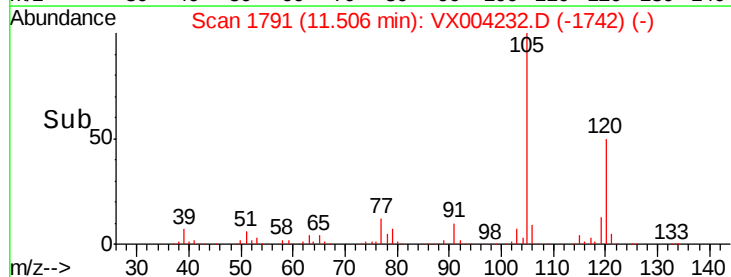
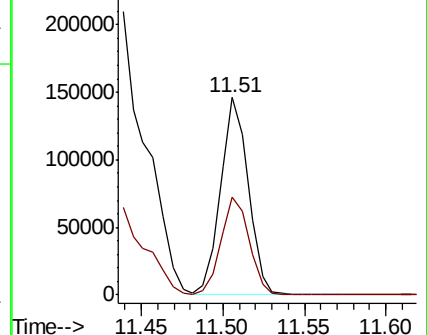
105 100

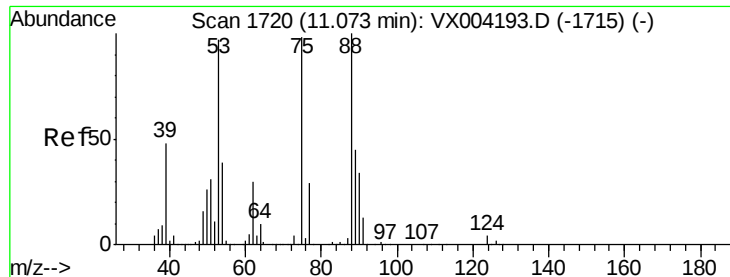
120 50.8 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004193.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX004193.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 70.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.07 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0543DL

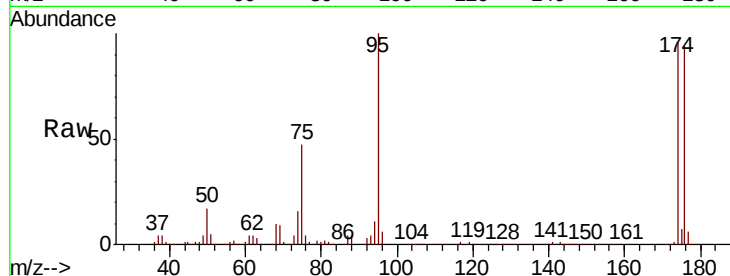
Tot Ion: 75 Resp: 125370

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

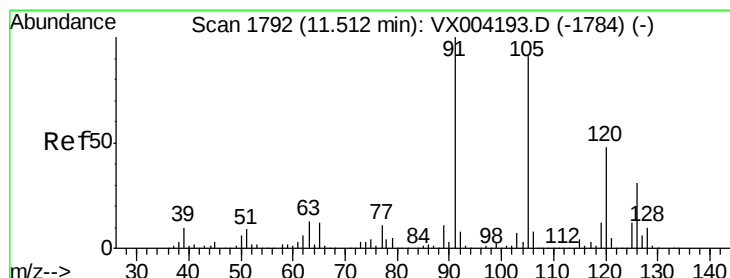
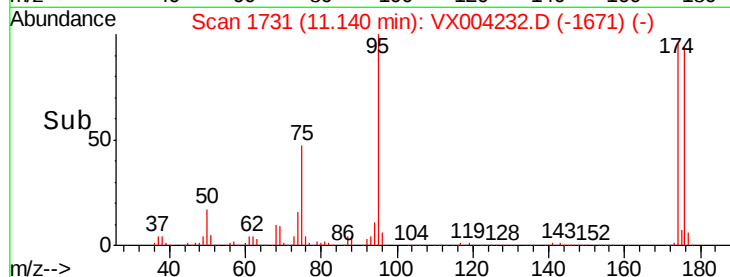
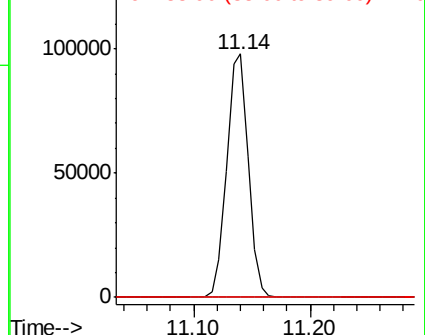
89 0.0 37.2 55.8#



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: 1.17 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX004232.D

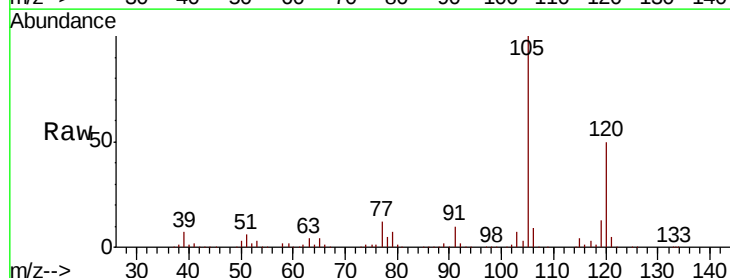
Acq: 23 Aug 2018 17:40

Tgt Ion: 91 Resp: 18094

Ion Ratio Lower Upper

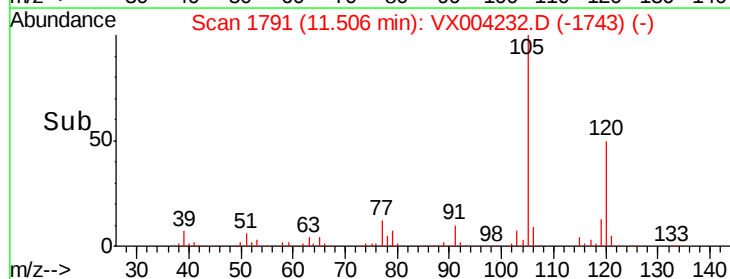
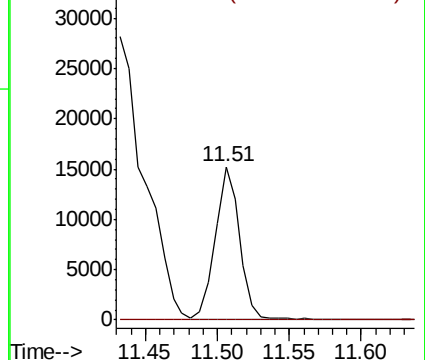
91 100

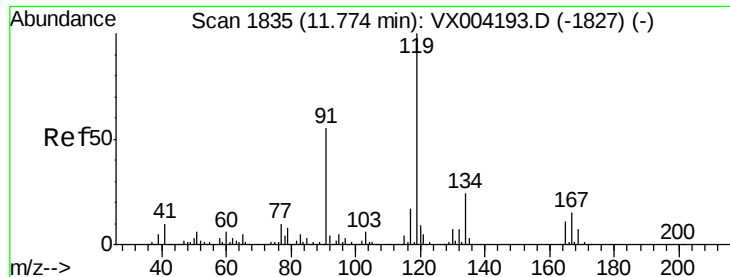
126 0.3 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

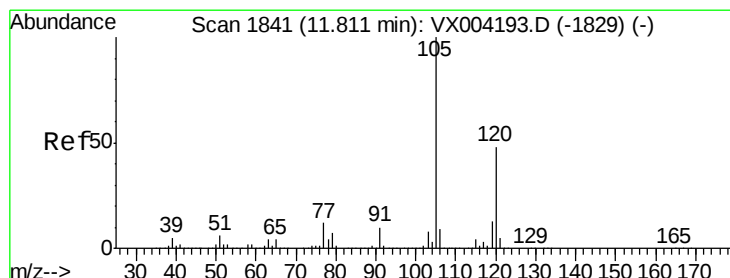
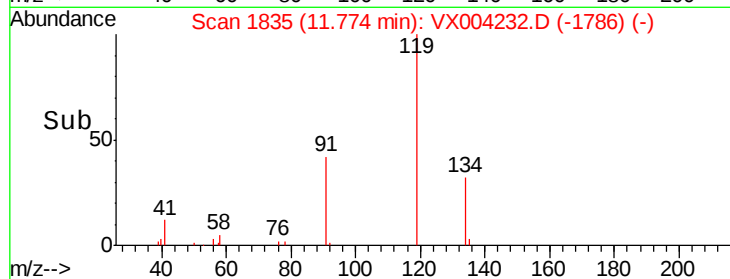
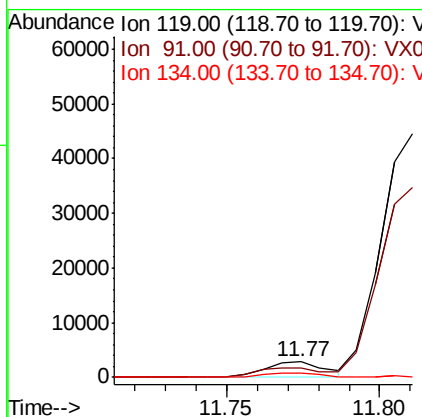
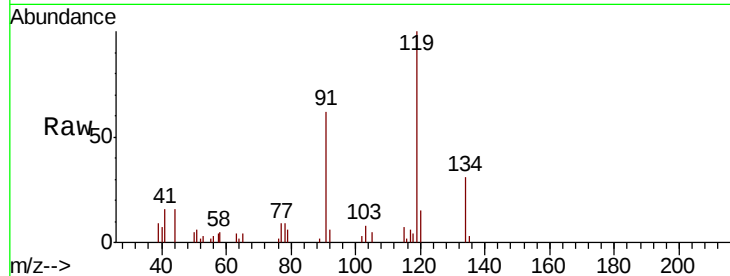




#83
 tert-Butylbenzene
 Concen: 0.26 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004232.D
 Acq: 23 Aug 2018 17:40

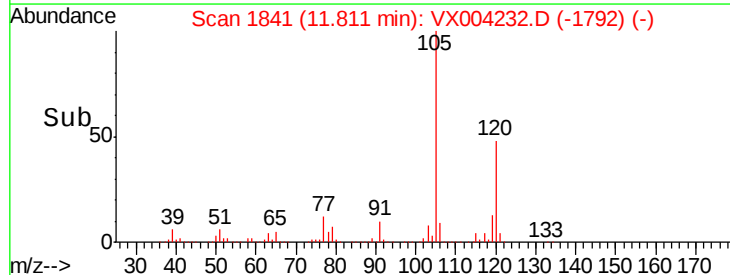
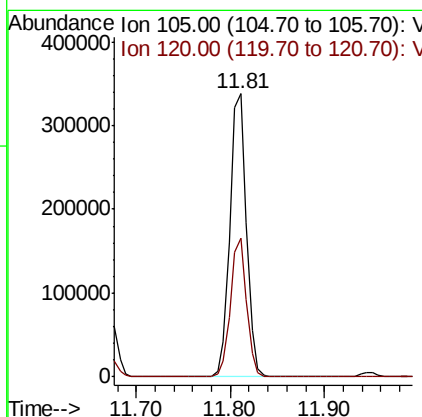
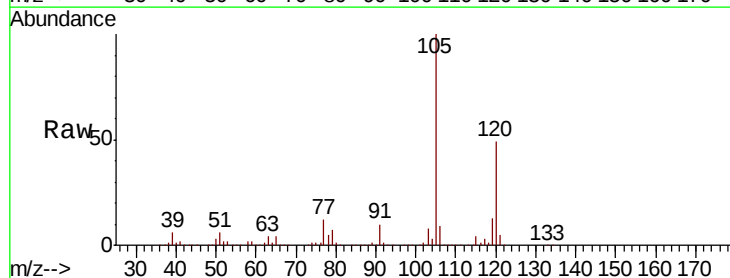
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0543DL

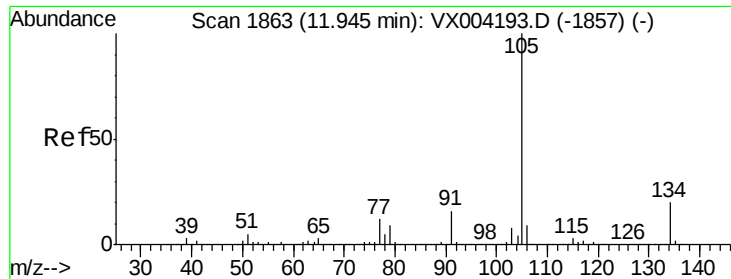
Tot Ion:119 Resp: 4017
 Ion Ratio Lower Upper
 119 100
 91 61.6 27.0 81.0
 134 27.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 26.04 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004232.D
 Acq: 23 Aug 2018 17:40

Tgt Ion:105 Resp: 411426
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.38 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.13 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampleID :

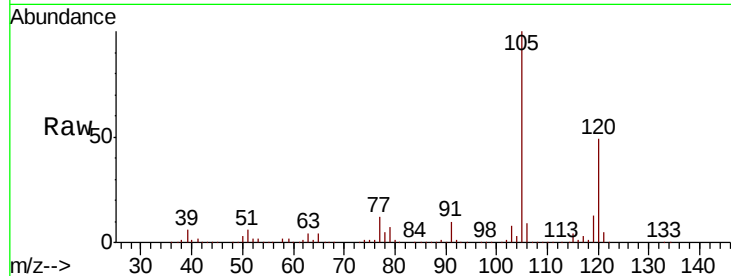
FL-0543DL

Tot Ion:105 Resp: 411426

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

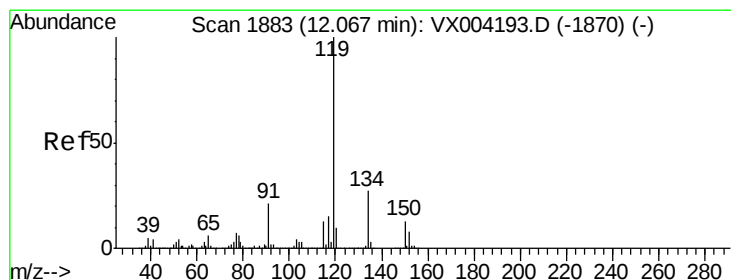
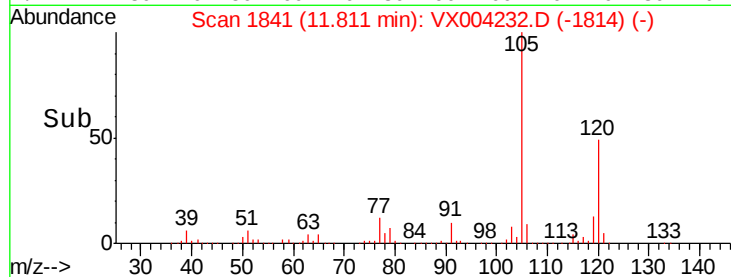
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.65 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.04 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

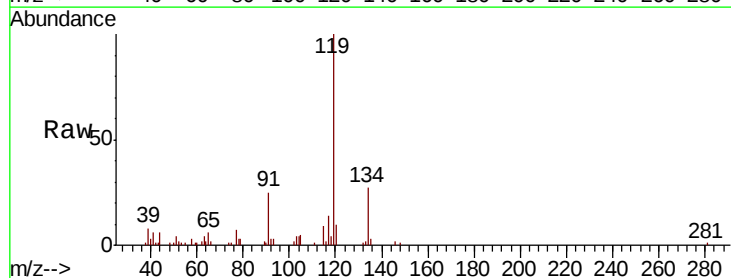
Tgt Ion:119 Resp: 10779

Ion Ratio Lower Upper

119 100

134 29.0 13.4 40.2

91 21.5 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

12.02

10000

8000

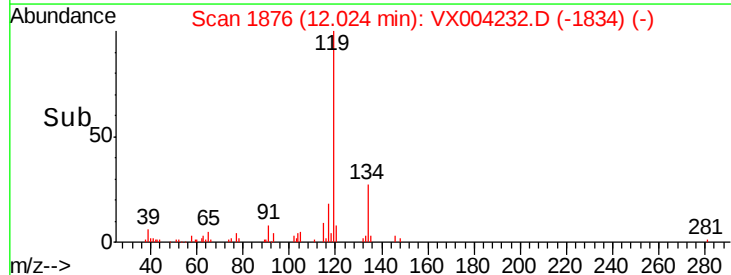
6000

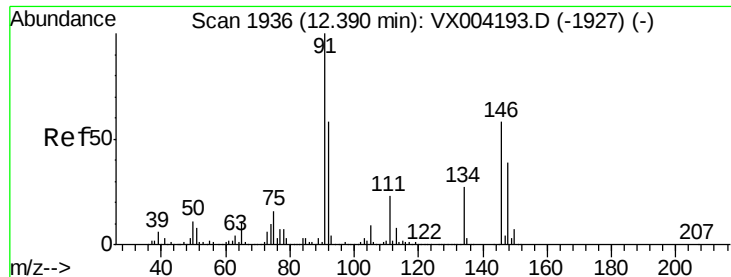
4000

2000

0

Time-->





#89

n-Butylbenzene

Concen: 0.90 ug/l

RT: 12.38 min Scan# 1935

Delta R.T. -0.01 min

Lab File: VX004232.D

Acq: 23 Aug 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

FL-0543DL

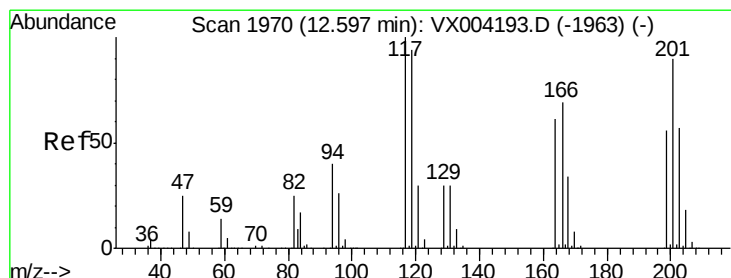
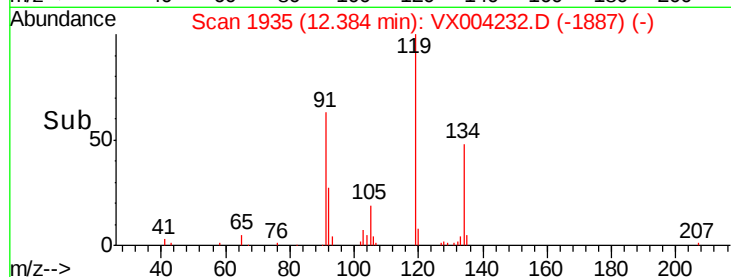
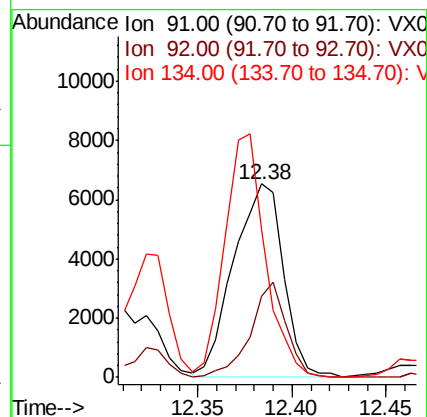
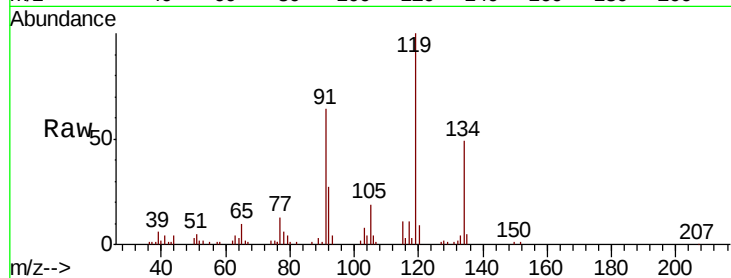
Tot Ion: 91 Resp: 12008

Ion Ratio Lower Upper

91 100

92 35.4 27.3 81.9

134 102.1 13.6 40.7#



#90

Hexachloroethane

Concen: 0.68 ug/l

RT: 12.61 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VX004232.D

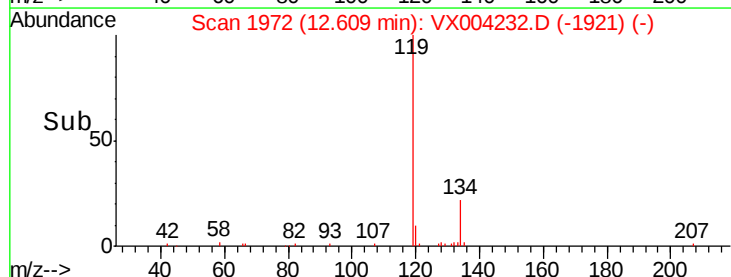
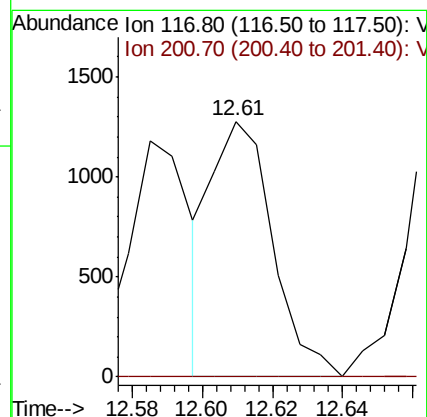
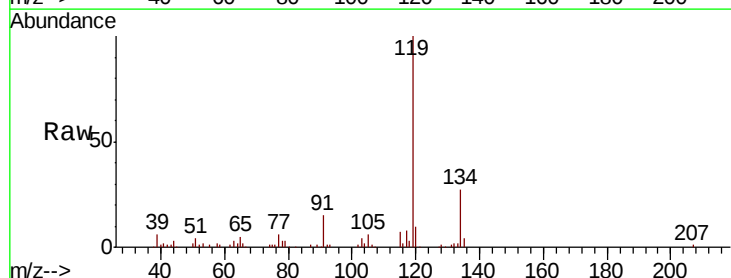
Acq: 23 Aug 2018 17:40

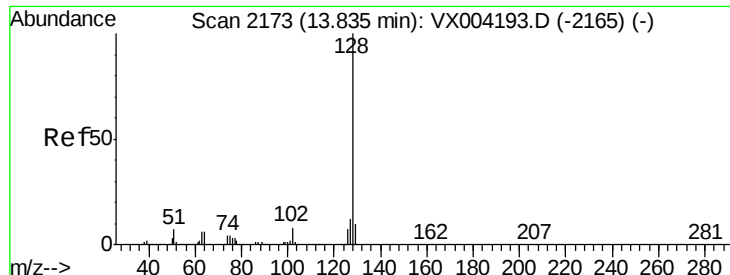
Tgt Ion: 117 Resp: 1555

Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.6#

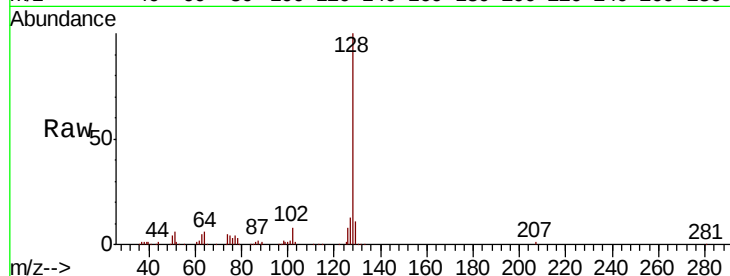




#95
Naphthalene
Concen: 3.30 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004232.D
Acq: 23 Aug 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0543DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	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

