

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010589.D
 Acq On : 01 Jul 2019 14:34
 Operator : JC/SP
 Sample : K3565-09DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0574DL

Quant Time: Jul 02 10:47:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

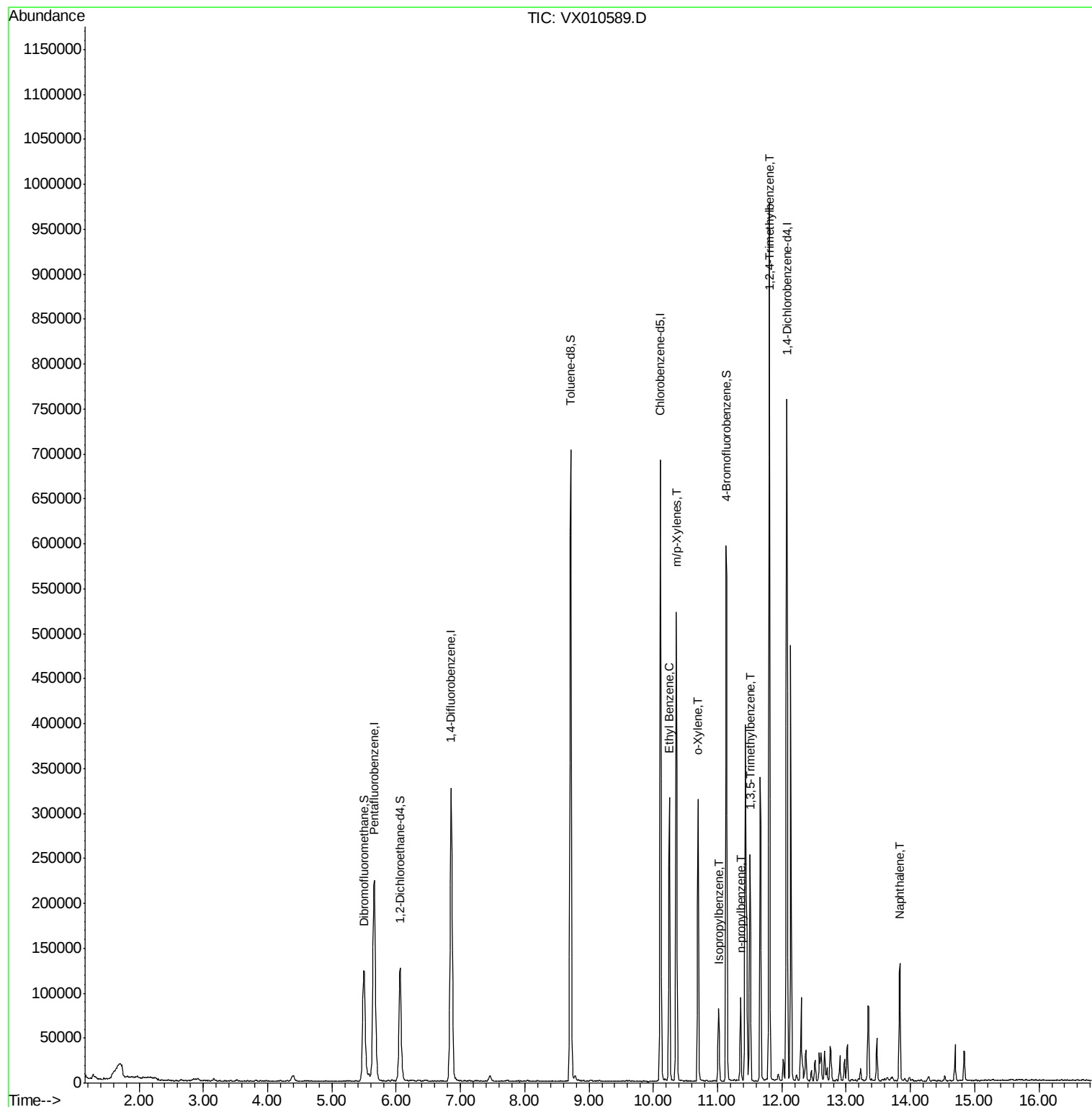
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	234043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	357690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	328433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112830	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
35) Dibromofluoromethane	5.49	113	106679	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	424830	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.13	95	149627	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
Target Compounds						
67) Ethyl Benzene	10.25	91	176753	15.702	ug/l	97
68) m/p-Xylenes	10.36	106	129673	29.730	ug/l	100
69) o-Xylene	10.69	106	72228	16.839	ug/l	99
73) Isopropylbenzene	11.02	105	41931	3.697	ug/l	98
78) n-propylbenzene	11.36	91	56966	4.570	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	110143	11.781	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	418647	44.571	ug/l	98
95) Naphthalene	13.83	128	83130	7.100	ug/l	100

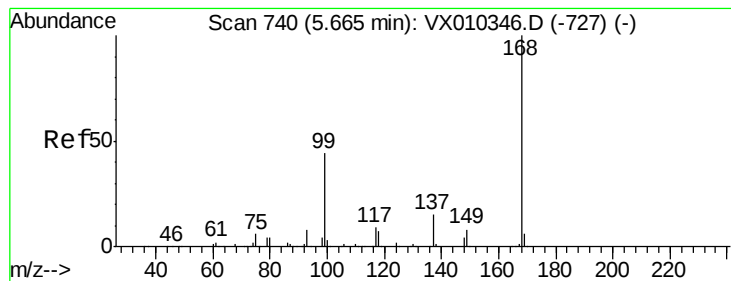
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010589.D

Acq: 01 Jul 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

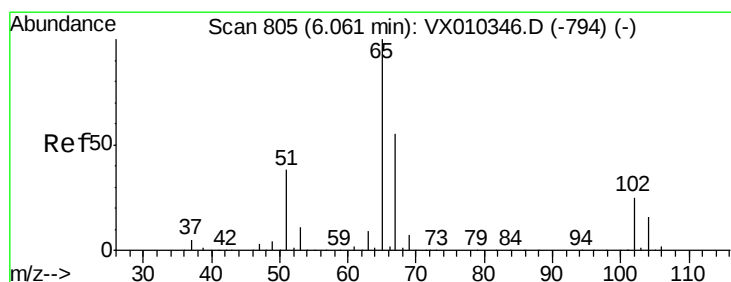
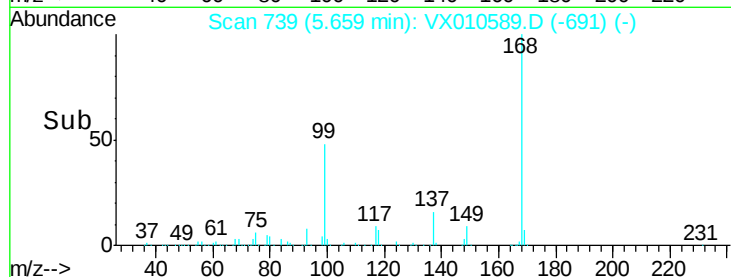
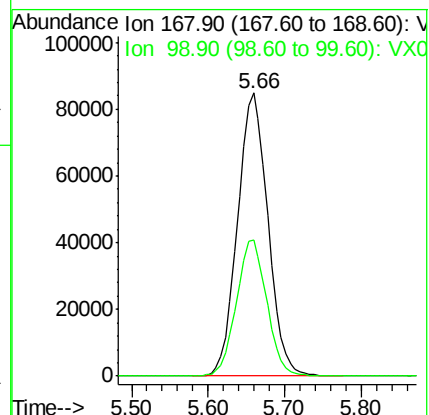
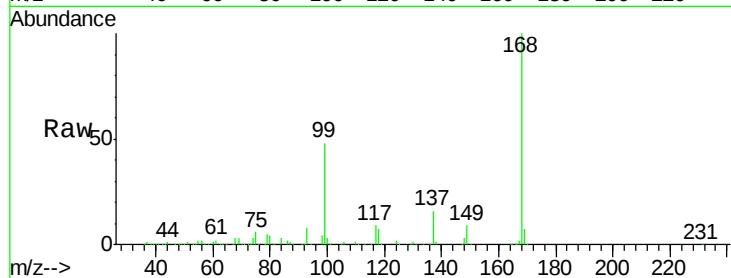
FL-0574DL

Tot Ion:168 Resp: 234043

Ion Ratio Lower Upper

168 100

99 48.2 35.5 53.3



#33

1,2-Dichloroethane-d4

Concen: 51.418 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010589.D

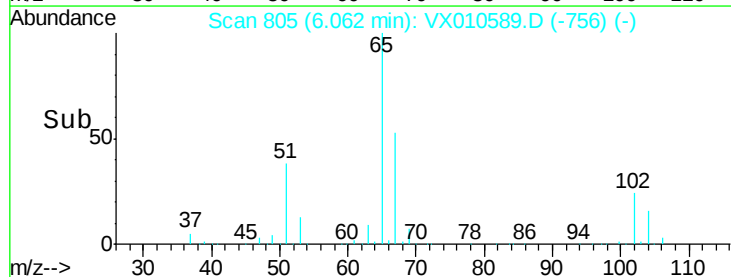
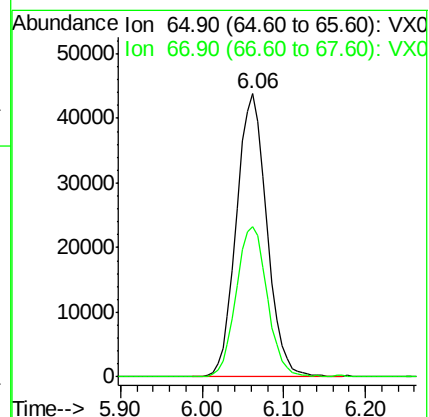
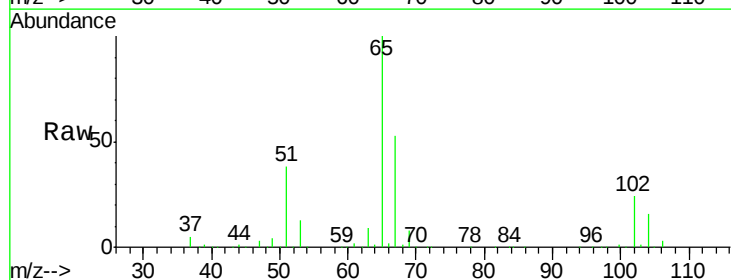
Acq: 01 Jul 2019 14:34

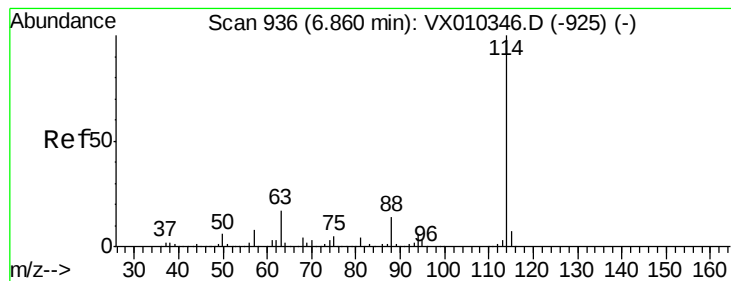
Tgt Ion: 65 Resp: 112830

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010589.D

Acq: 01 Jul 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

FL-0574DL

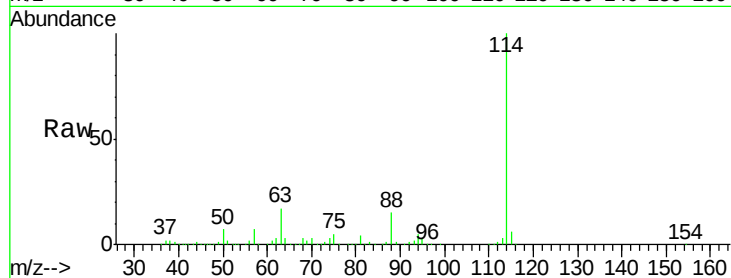
Tot Ion:114 Resp: 357690

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

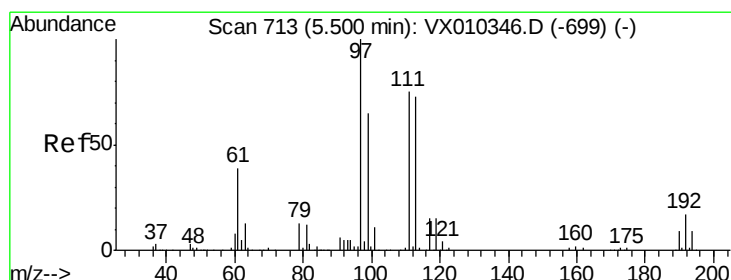
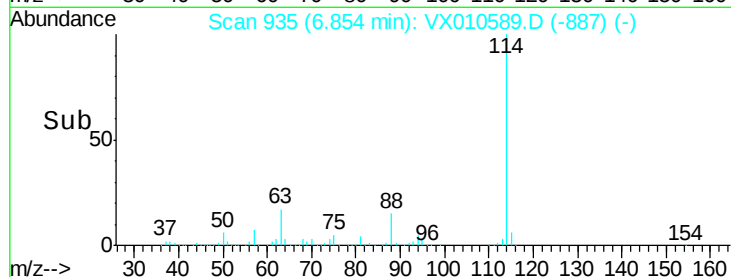
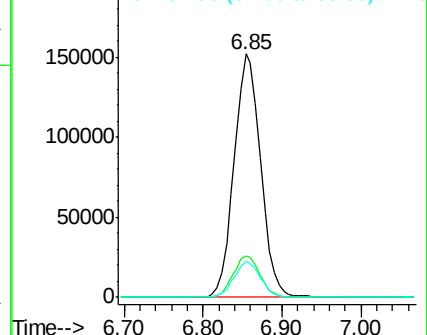
88 14.7 0.0 27.6



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: 48.746 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010589.D

Acq: 01 Jul 2019 14:34

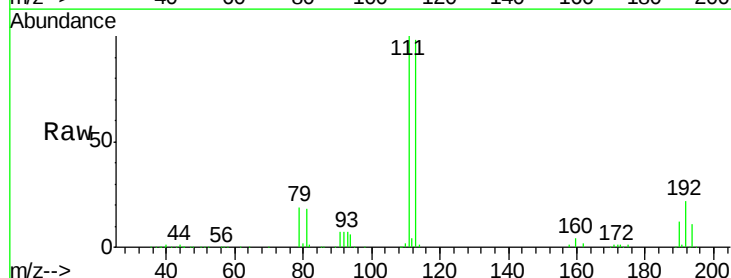
Tgt Ion:113 Resp: 106679

Ion Ratio Lower Upper

113 100

111 100.2 81.2 121.8

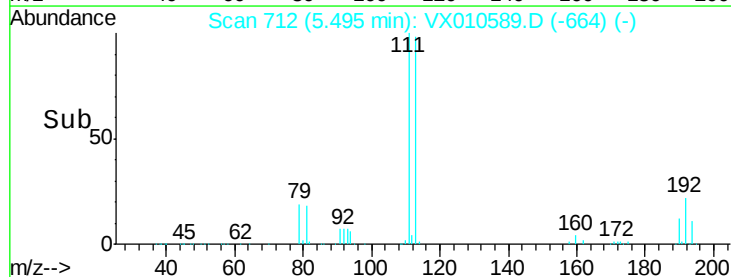
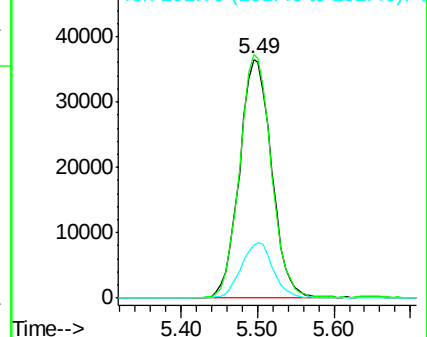
192 22.9 18.6 27.8

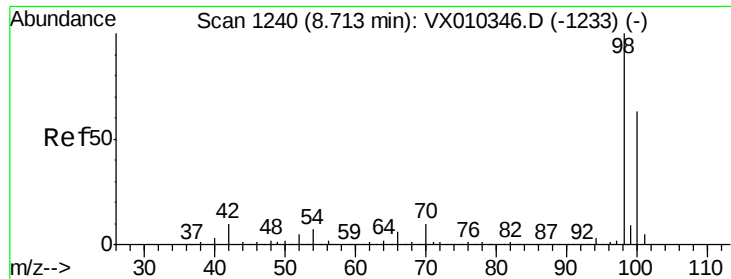


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

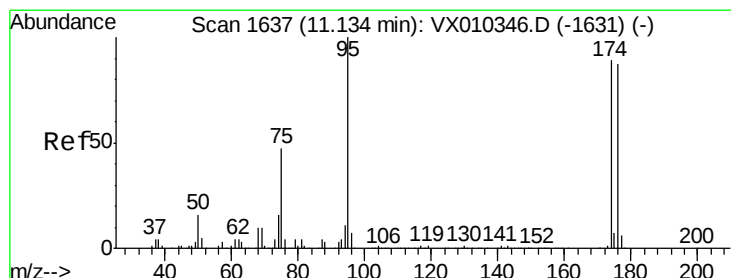
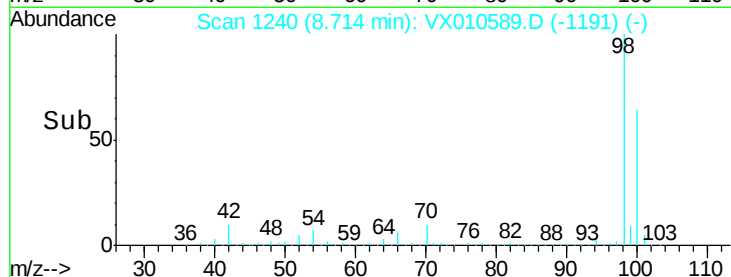
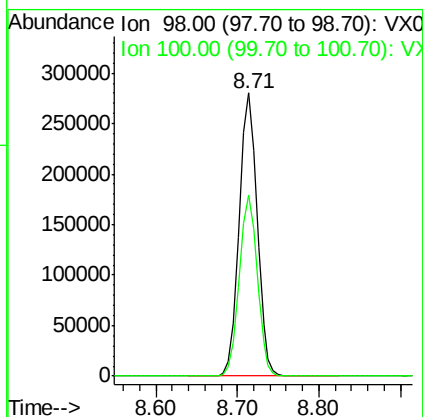
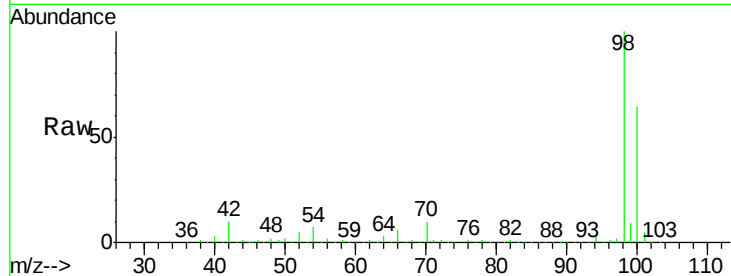




#50
Toluene-d8
Concen: 50.740 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010589.D
Acq: 01 Jul 2019 14:34

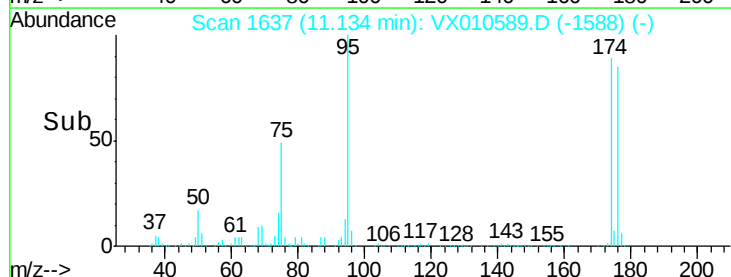
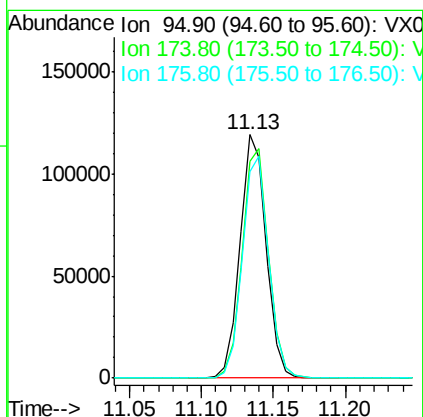
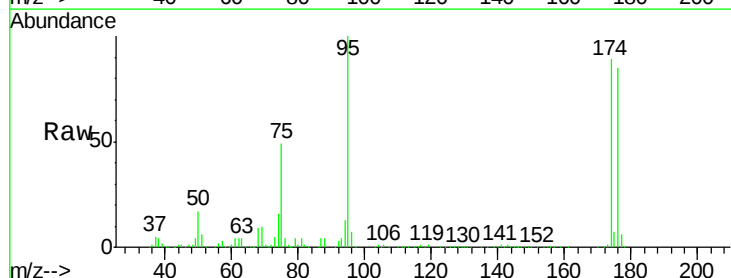
Instrument :
MSVOA_X
ClientSampleId :
FL-0574DL

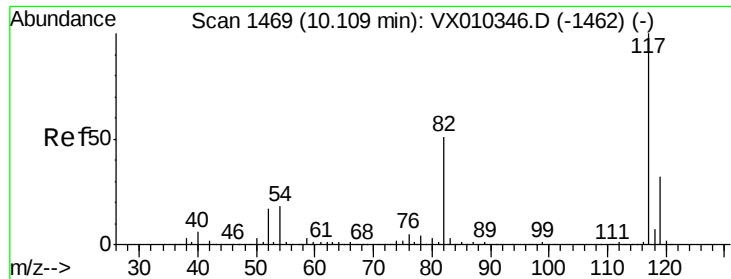
Tot Ion: 98 Resp: 424830
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 49.500 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010589.D
Acq: 01 Jul 2019 14:34

Tgt Ion: 95 Resp: 149627
Ion Ratio Lower Upper
95 100
174 94.7 0.0 187.6
176 90.9 0.0 184.0

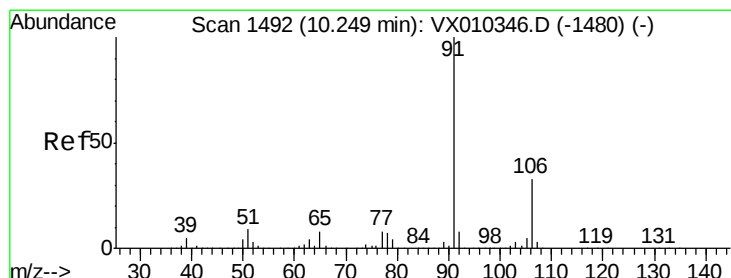
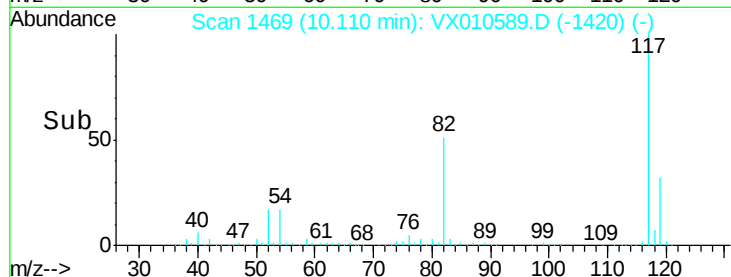
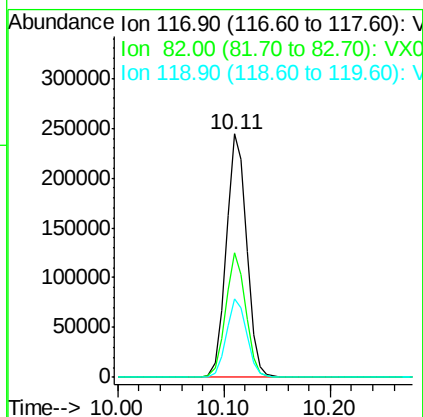
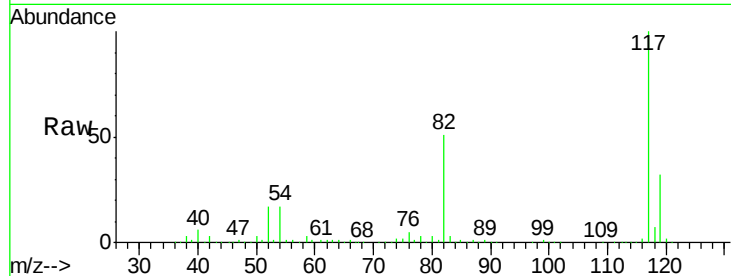




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010589.D
Acq: 01 Jul 2019 14:34

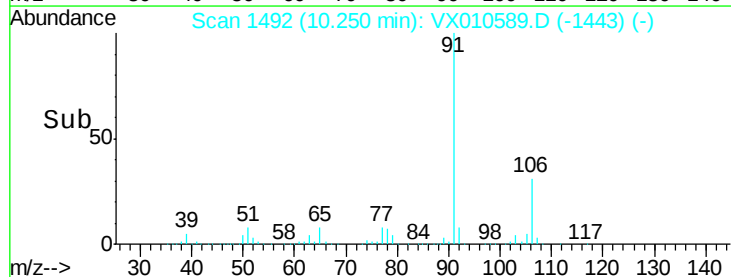
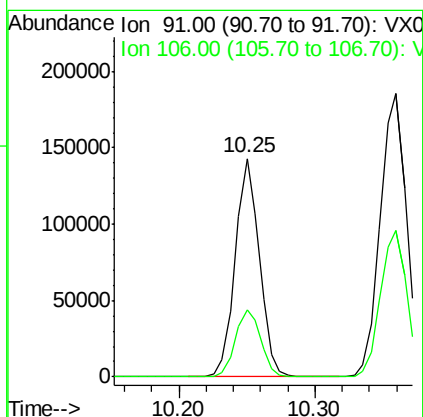
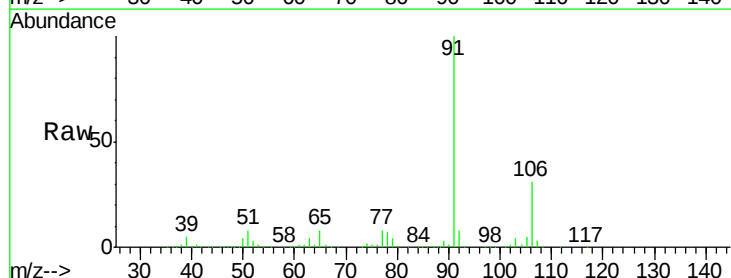
Instrument :
MSVOA_X
ClientSampled :
FL-0574DL

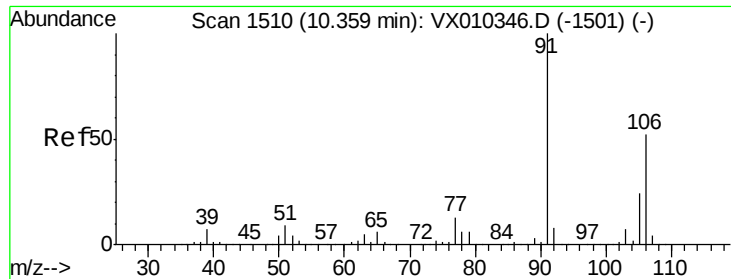
Tot Ion:117 Resp: 328433
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 32.0 25.5 38.3



#67
Ethyl Benzene
Concen: 15.702 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010589.D
Acq: 01 Jul 2019 14:34

Tgt Ion: 91 Resp: 176753
Ion Ratio Lower Upper
91 100
106 30.8 26.2 39.2





#68

m/p-Xylenes

Concen: 29.730 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010589.D

Acq: 01 Jul 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

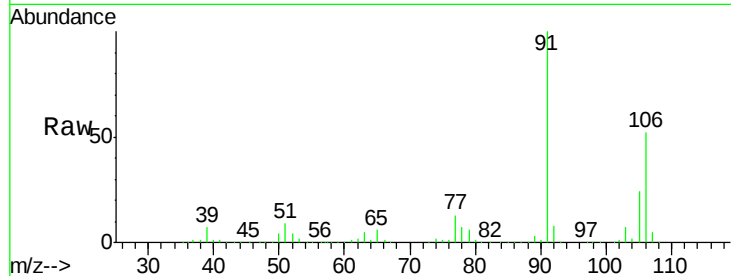
FL-0574DL

Tot Ion:106 Resp: 129673

Ion Ratio Lower Upper

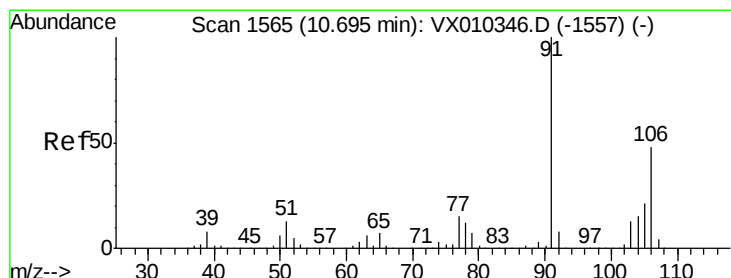
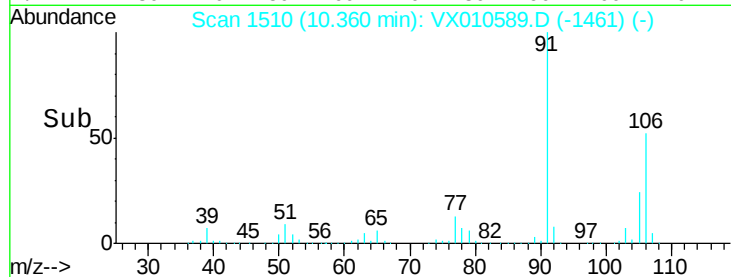
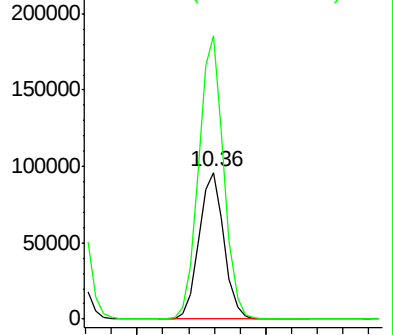
106 100

91 193.6 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 16.839 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX010589.D

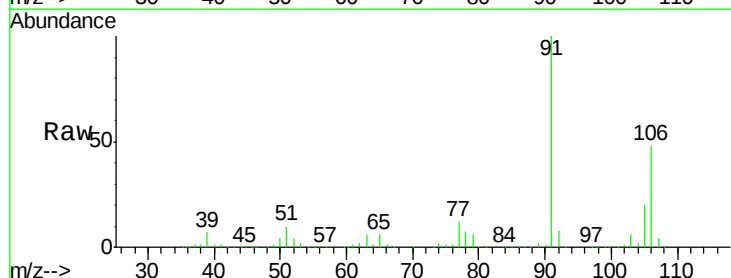
Acq: 01 Jul 2019 14:34

Tgt Ion:106 Resp: 72228

Ion Ratio Lower Upper

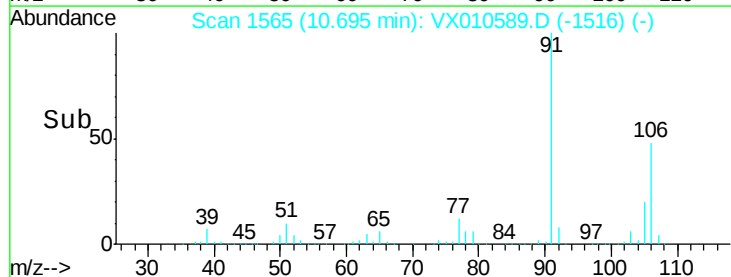
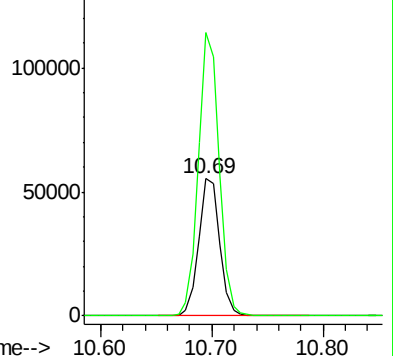
106 100

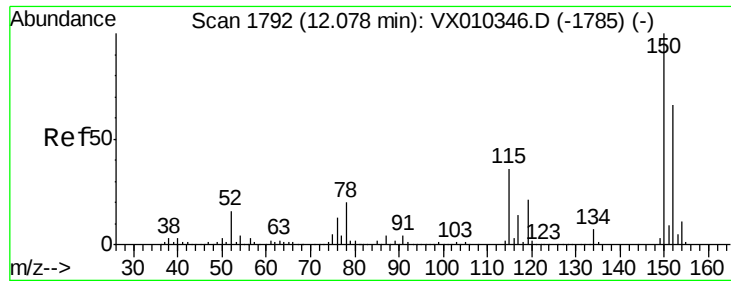
91 204.2 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010589.D

Acq: 01 Jul 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

FL-0574DL

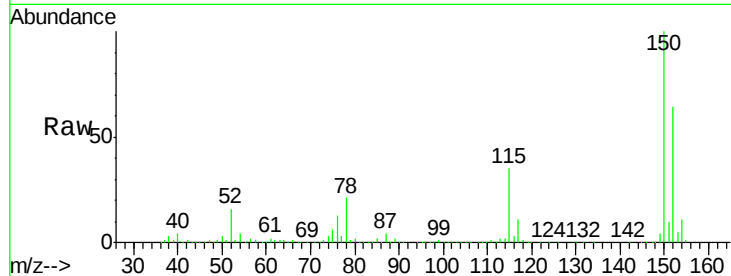
Tot Ion:152 Resp: 167297

Ion Ratio Lower Upper

152 100

115 54.4 38.6 115.7

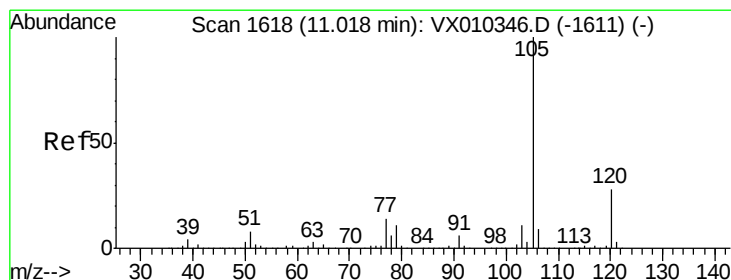
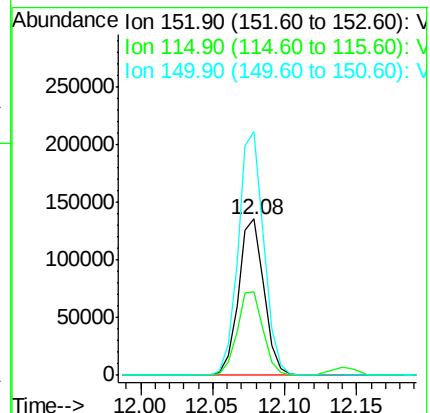
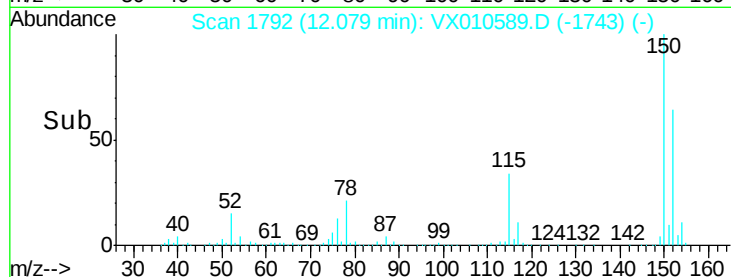
150 156.6 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 3.697 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010589.D

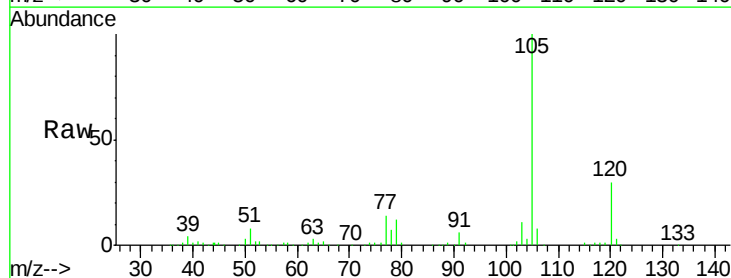
Acq: 01 Jul 2019 14:34

Tgt Ion:105 Resp: 41931

Ion Ratio Lower Upper

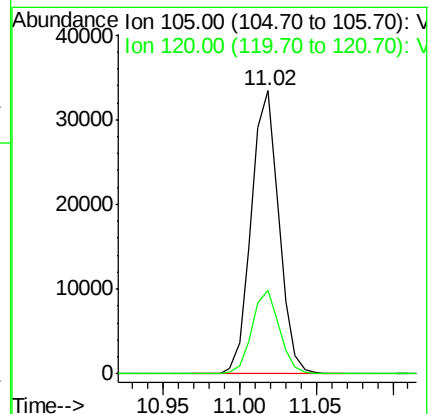
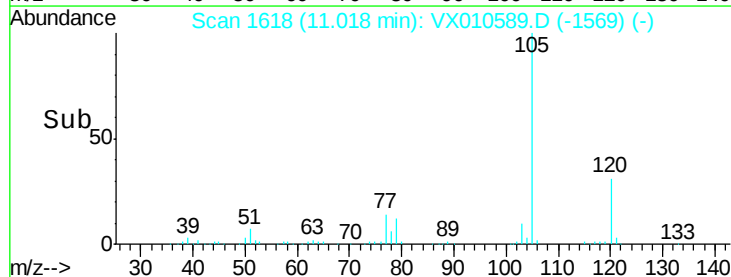
105 100

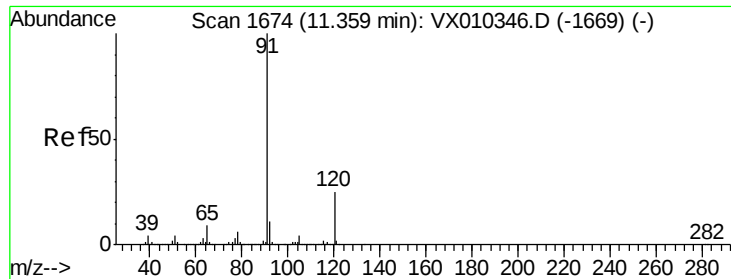
120 29.2 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 4.570 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010589.D

Acq: 01 Jul 2019 14:34

Instrument :

MSVOA_X

ClientSampled :

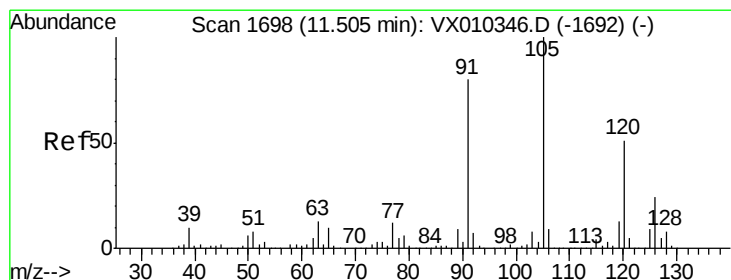
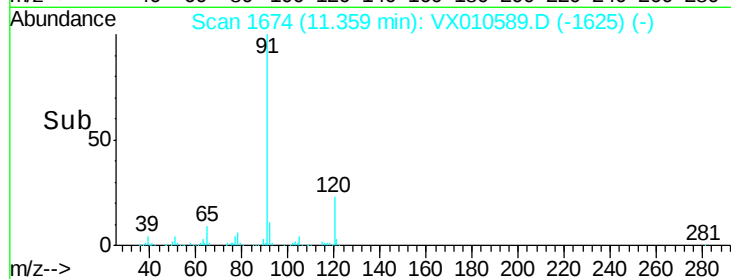
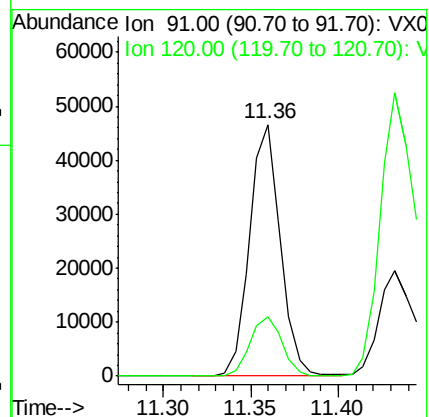
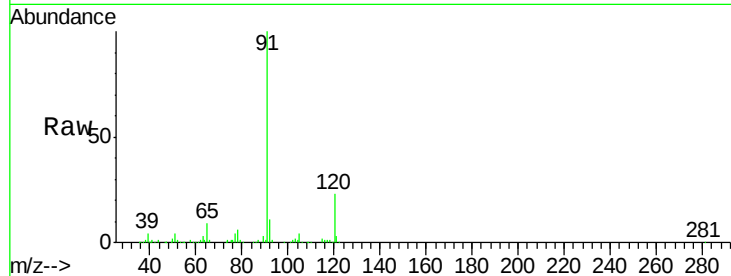
FL-0574DL

Tot Ion: 91 Resp: 56966

Ion Ratio Lower Upper

91 100

120 24.7 12.4 37.4



#80

1,3,5-Trimethylbenzene

Concen: 11.781 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010589.D

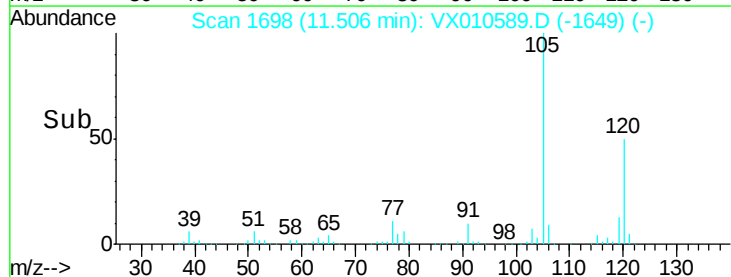
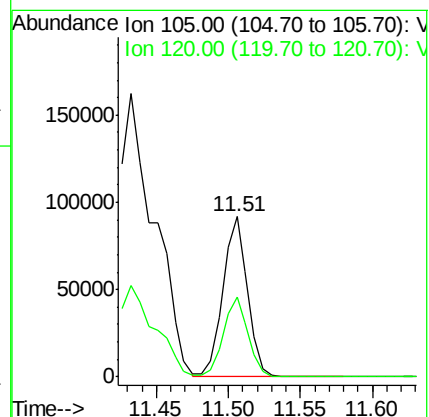
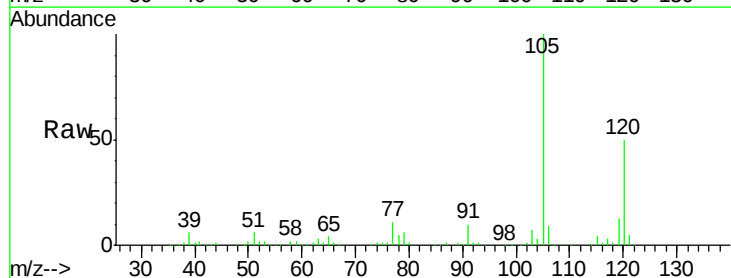
Acq: 01 Jul 2019 14:34

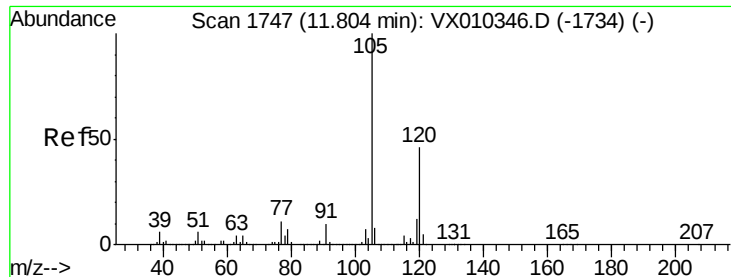
Tgt Ion: 105 Resp: 110143

Ion Ratio Lower Upper

105 100

120 50.0 25.2 75.6

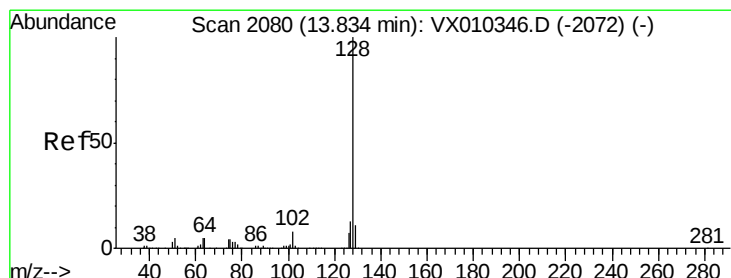
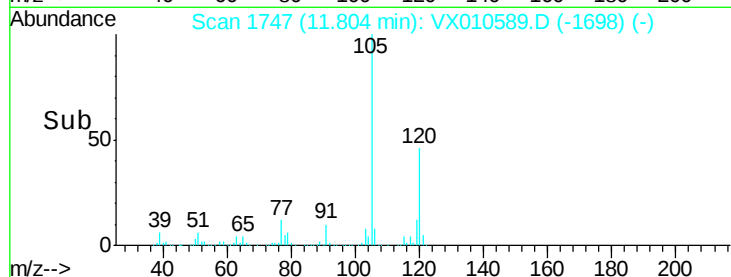
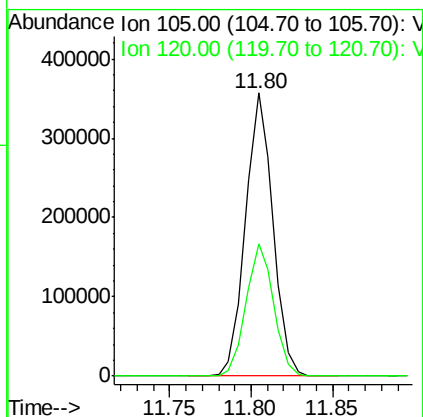
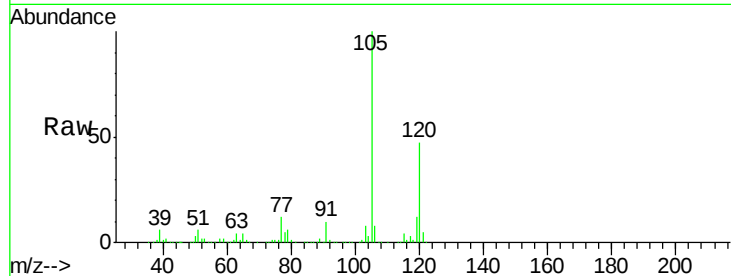




#84
 1,2,4-Trimethylbenzene
 Concen: 44.571 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010589.D
 Acq: 01 Jul 2019 14:34

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0574DL

Tot Ion:105 Resp: 418647
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.1 69.2



#95
 Naphthalene
 Concen: 7.100 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX010589.D
 Acq: 01 Jul 2019 14:34

Tgt Ion:128 Resp: 83130
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.4
 129 11.2 8.9 13.3

