

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004032.D
 Acq On : 14 Aug 2018 15:57
 Operator : JC/MD
 Sample : J4429-04DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0547DL

Quant Time: Aug 15 14:09:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	407556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242069	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	201948	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
35) Dibromofluoromethane	5.51	113	171573	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
50) Toluene-d8	8.72	98	641762	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.14	95	234185	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	

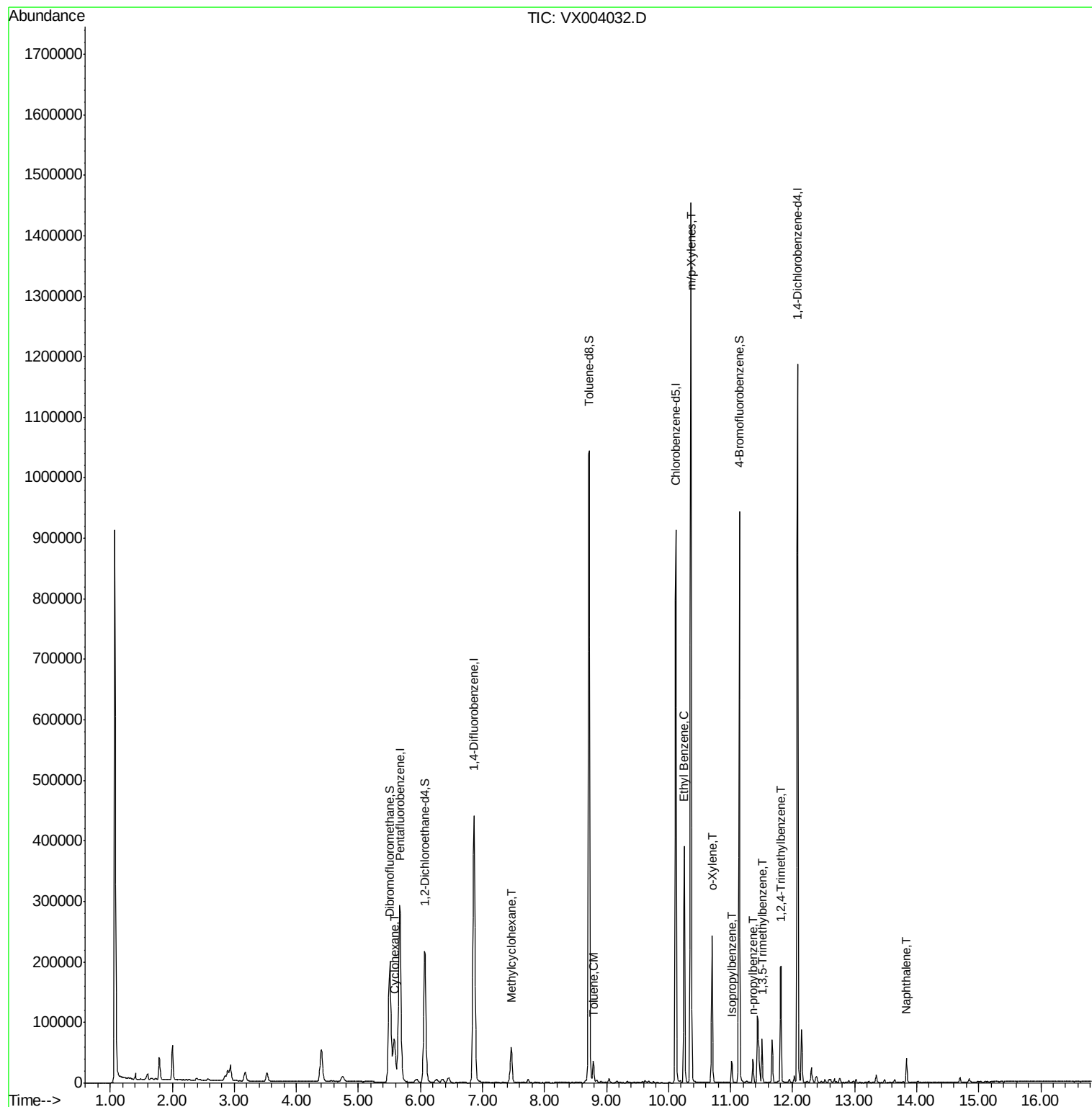
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	48749	8.45	ug/l	98
39) Methylcyclohexane	7.46	83	23372	4.03	ug/l	97
52) Toluene	8.79	92	12235	1.26	ug/l	96
67) Ethyl Benzene	10.25	91	221604	13.29	ug/l	100
68) m/p-Xylenes	10.36	106	343852	52.67	ug/l	98
69) o-Xylene	10.70	106	52095	8.35	ug/l	93
73) Isopropylbenzene	11.02	105	17840	1.09	ug/l	97
78) n-propylbenzene	11.36	91	21171	1.15	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	28409	2.12	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	86367	6.22	ug/l	98
95) Naphthalene	13.83	128	24435	2.55	ug/l	99

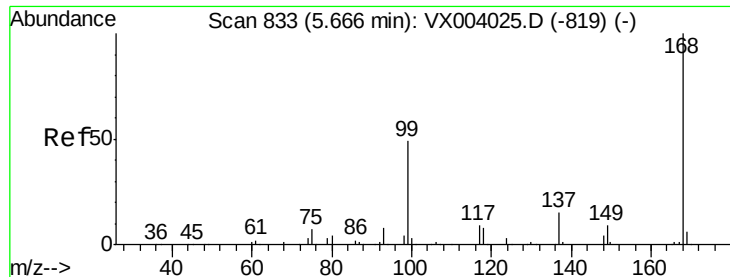
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 15 14:09:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004032.D

Acq: 14 Aug 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

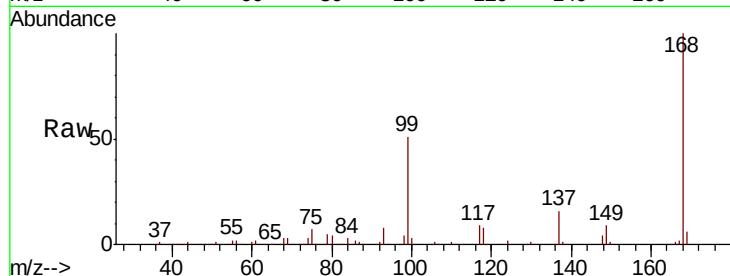
FL-0547DL

Tot Ion:168 Resp: 296300

Ion Ratio Lower Upper

168 100

99 50.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

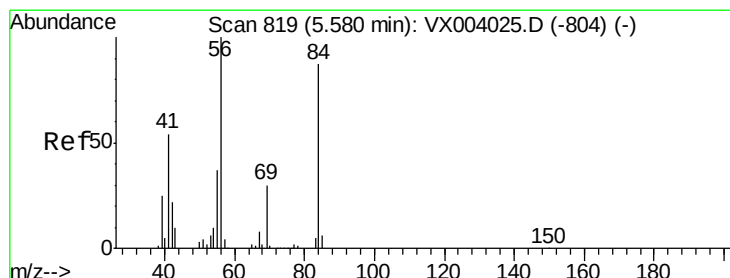
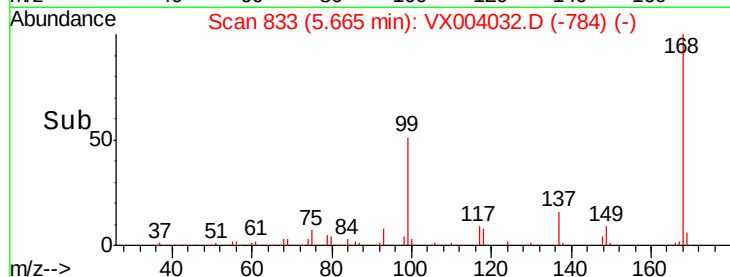
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 8.45 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX004032.D

Acq: 14 Aug 2018 15:57

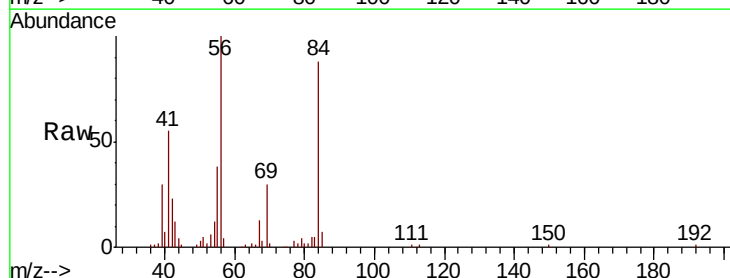
Tgt Ion: 56 Resp: 48749

Ion Ratio Lower Upper

56 100

69 30.0 24.9 37.3

84 87.9 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

20000

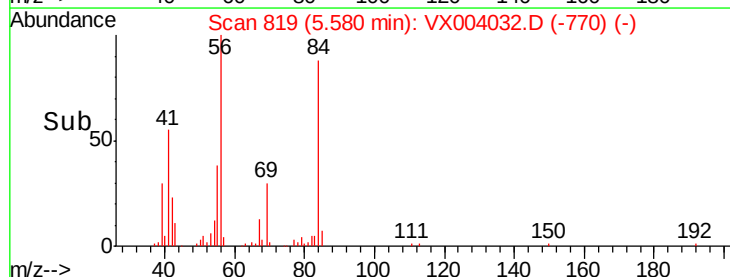
15000

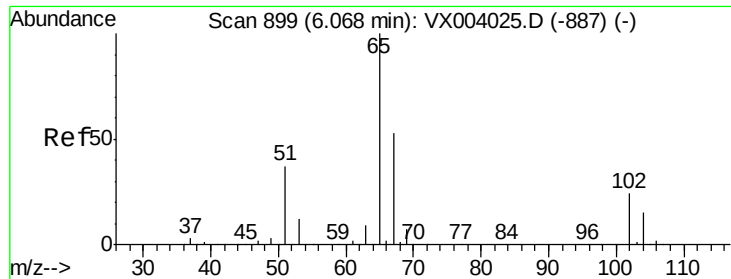
10000

5000

0

Time--> 5.50 5.60

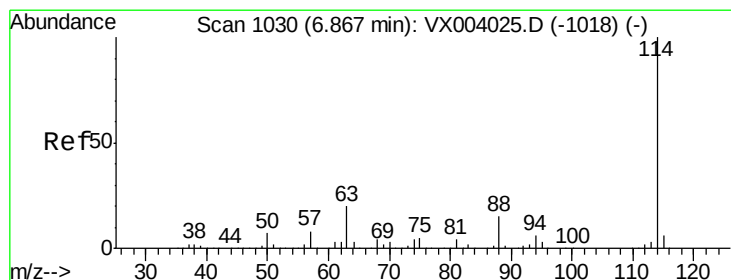
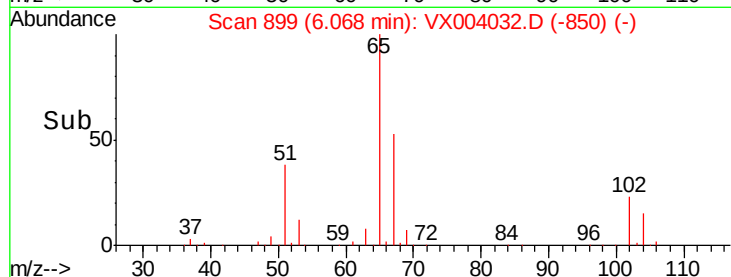
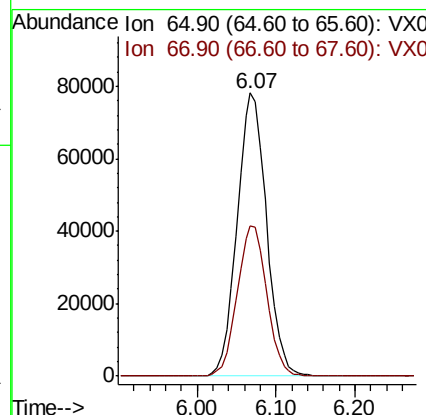
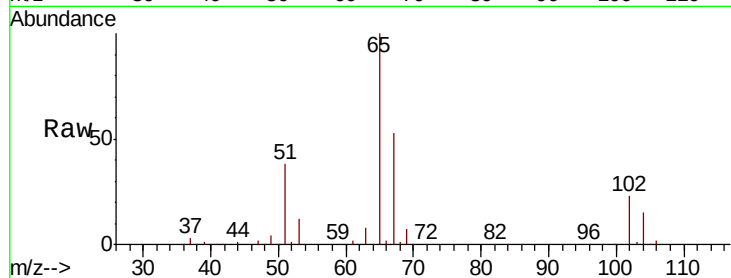




#33
 1,2-Dichloroethane-d4
 Concen: 48.37 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004032.D
 Acq: 14 Aug 2018 15:57

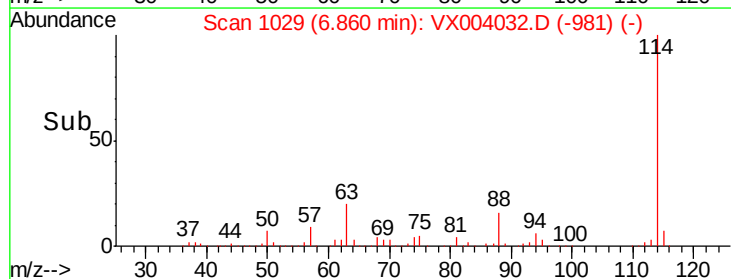
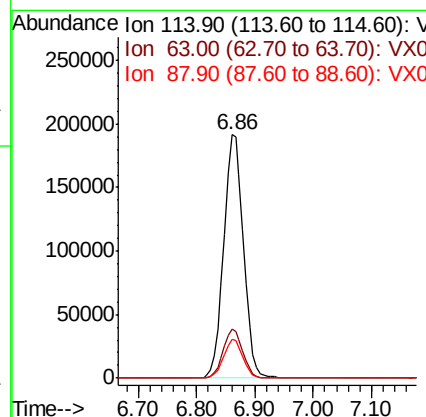
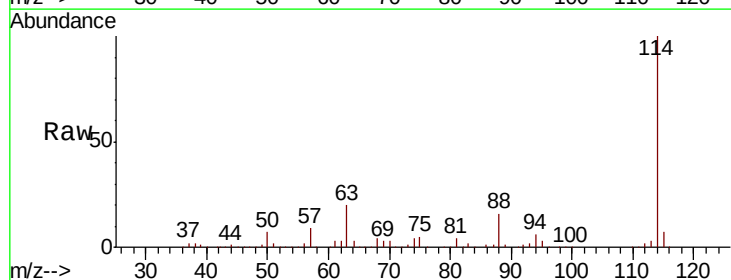
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0547DL

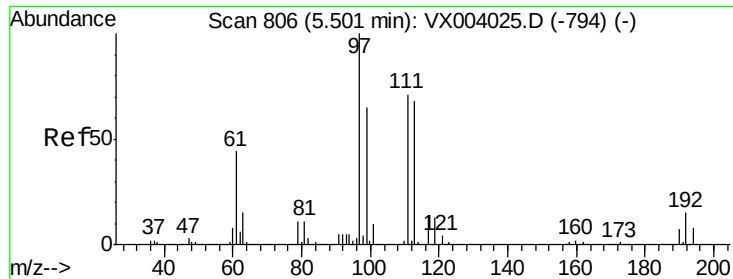
Tot Ion: 65 Resp: 201948
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004032.D
 Acq: 14 Aug 2018 15:57

Tgt Ion: 114 Resp: 449362
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 15.7 0.0 32.0

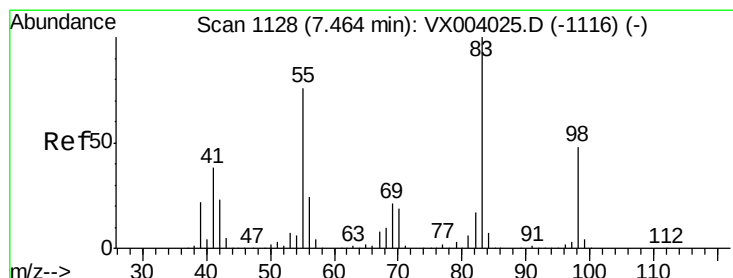
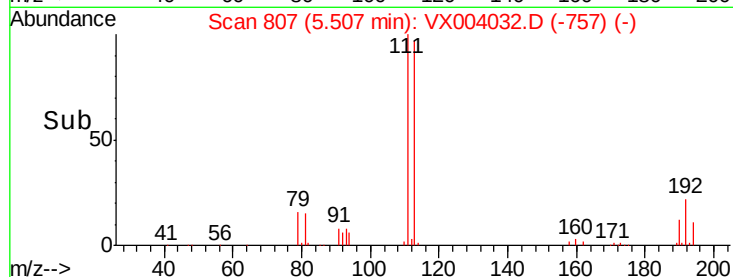
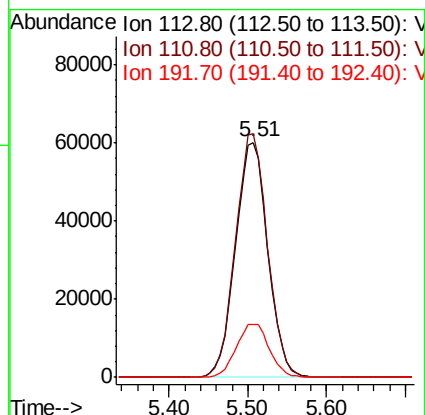
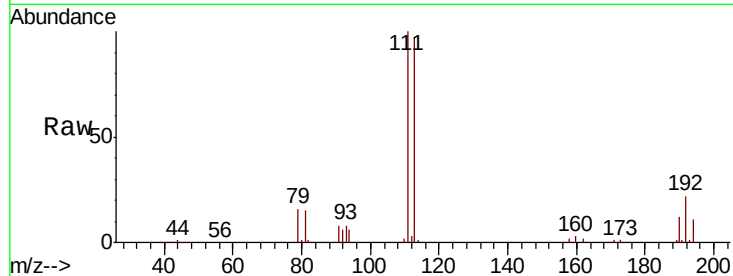




#35
Dibromofluoromethane
Concen: 51.02 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004032.D
Acq: 14 Aug 2018 15:57

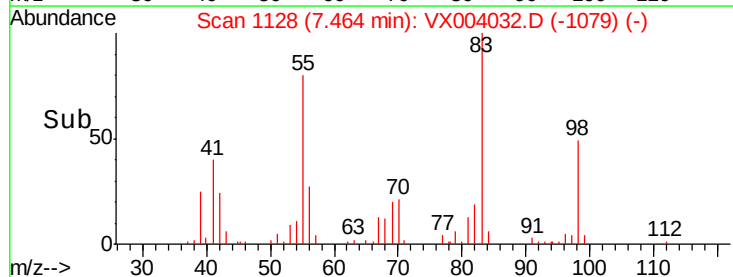
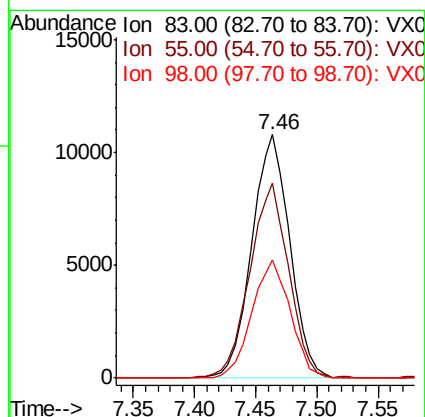
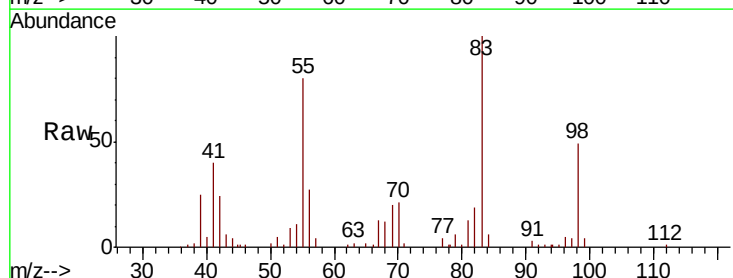
Instrument :
MSVOA_X
ClientSampleId :
FL-0547DL

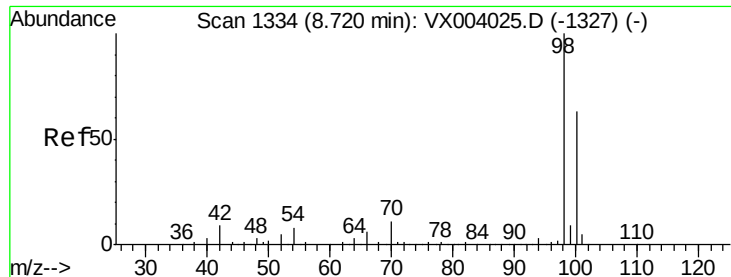
Tot Ion:113 Resp: 171573
Ion Ratio Lower Upper
113 100
111 102.7 82.0 123.0
192 23.3 19.0 28.4



#39
Methylcyclohexane
Concen: 4.03 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004032.D
Acq: 14 Aug 2018 15:57

Tgt Ion: 83 Resp: 23372
Ion Ratio Lower Upper
83 100
55 80.2 61.0 91.6
98 48.7 38.6 57.8

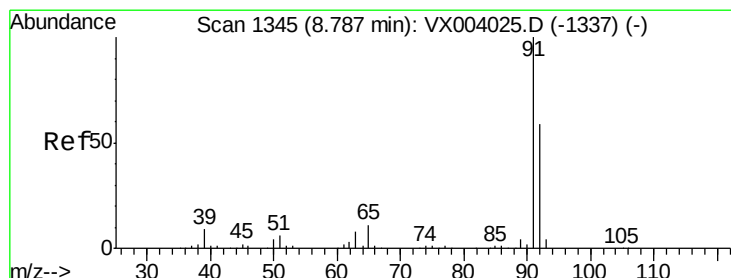
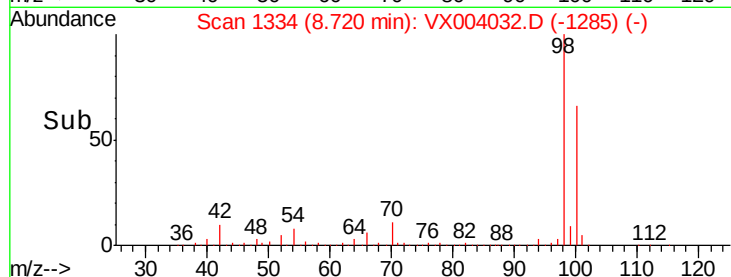
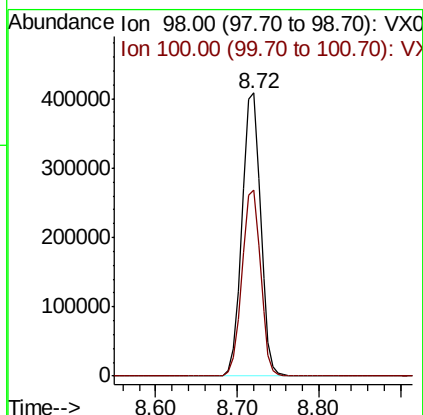
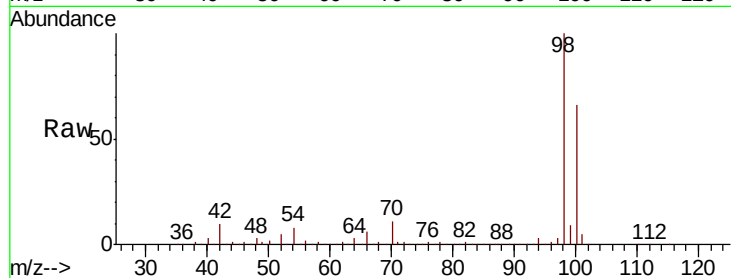




#50
Toluene-d8
Concen: 47.07 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004032.D
Acq: 14 Aug 2018 15:57

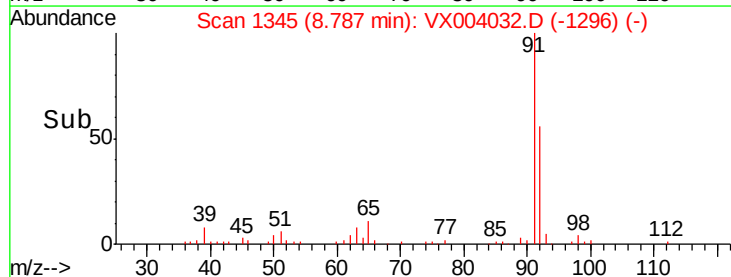
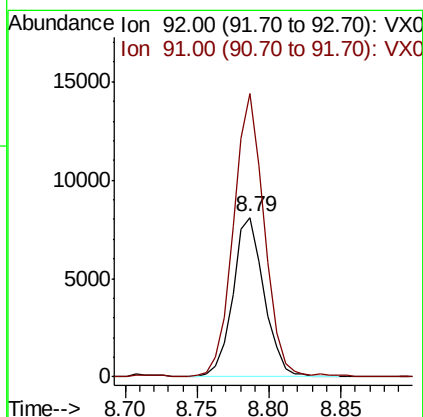
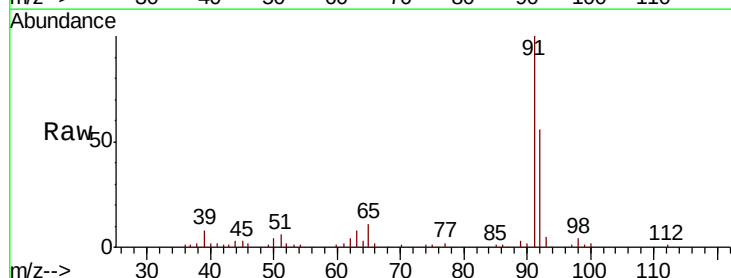
Instrument :
MSVOA_X
ClientSampleId :
FL-0547DL

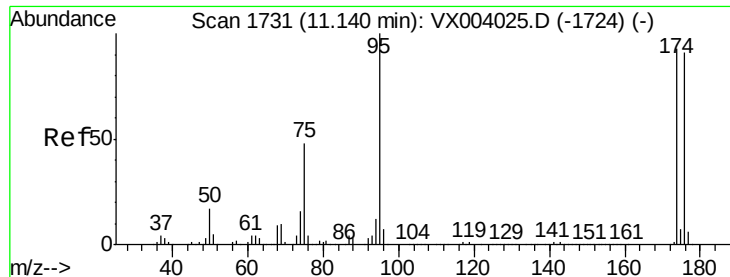
Tot Ion: 98 Resp: 641762
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



#52
Toluene
Concen: 1.26 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004032.D
Acq: 14 Aug 2018 15:57

Tgt Ion: 92 Resp: 12235
Ion Ratio Lower Upper
92 100
91 176.1 136.1 204.1

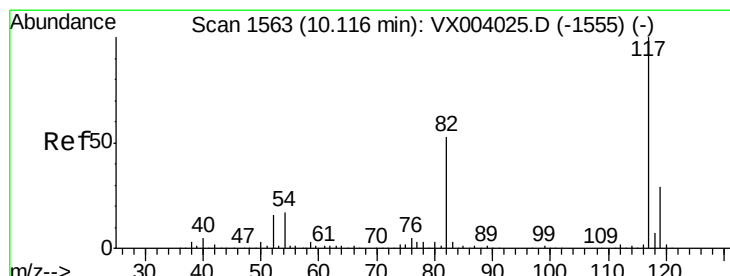
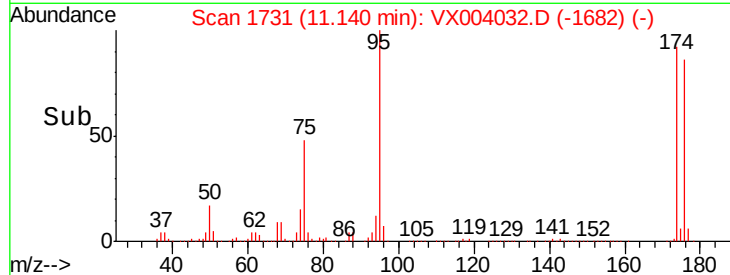
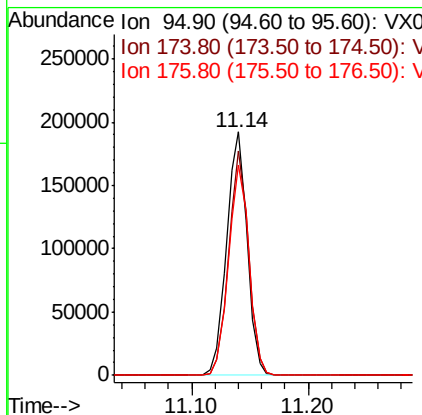
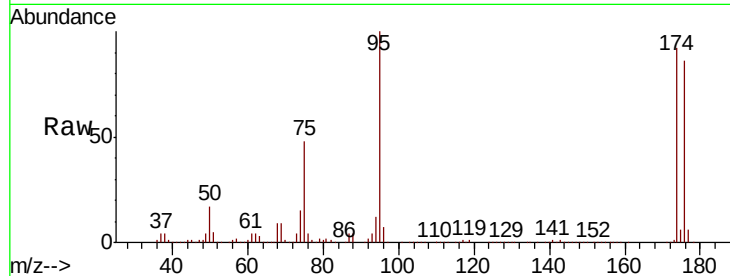




#62
 4-Bromofluorobenzene
 Concen: 47.35 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004032.D
 Acq: 14 Aug 2018 15:57

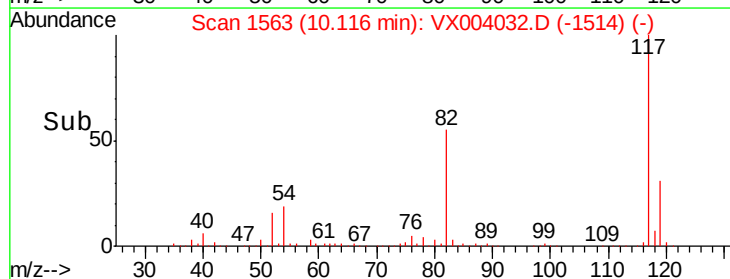
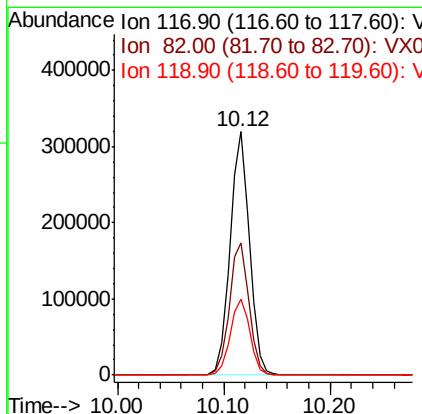
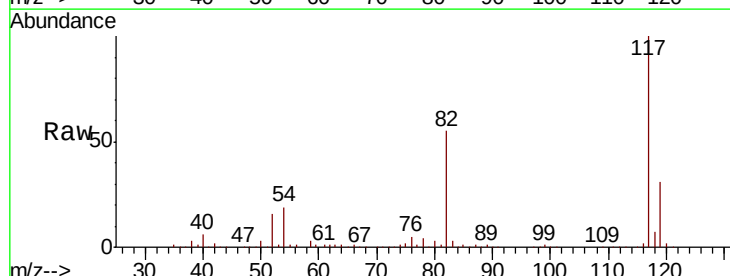
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0547DL

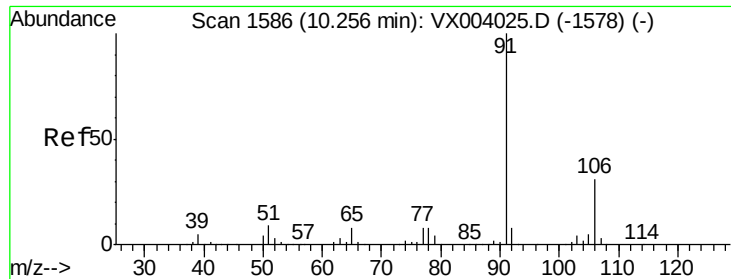
Tot Ion	95	Resp	234185
Ion Ratio	100		
Lower			
Upper			
95	100		
174	90.3	0.0	182.8
176	87.1	0.0	179.0



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX004032.D
 Acq: 14 Aug 2018 15:57

Tgt Ion	117	Resp	407556
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
117	100		
82	54.5	45.4	68.0
119	31.2	26.6	40.0





#67

Ethyl Benzene

Concen: 13.29 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004032.D

Acq: 14 Aug 2018 15:57

Instrument :

MSVOA_X

ClientSampleID :

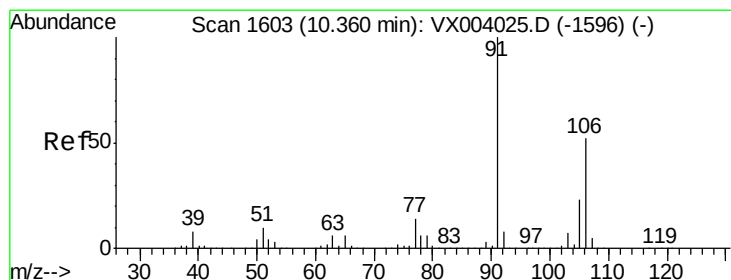
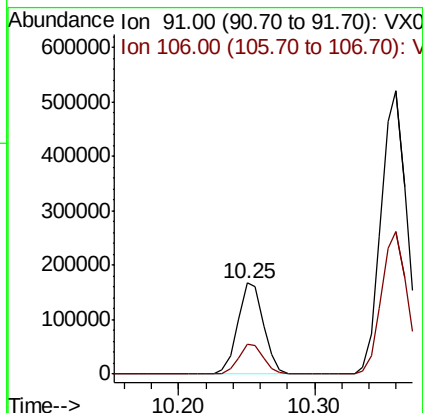
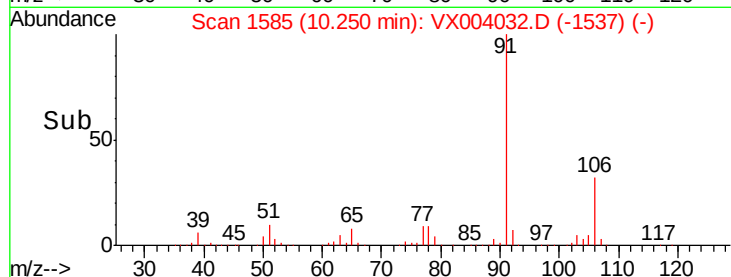
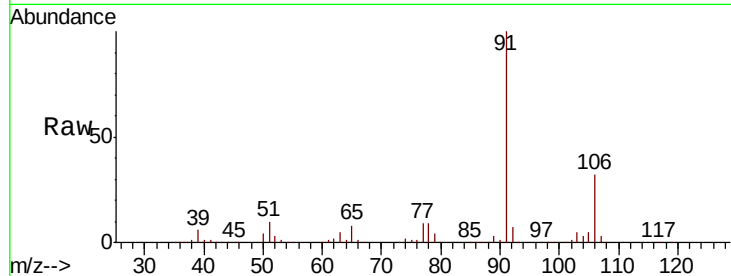
FL-0547DL

Tot Ion: 91 Resp: 221604

Ion Ratio Lower Upper

91 100

106 32.2 25.9 38.9



#68

m/p-Xylenes

Concen: 52.67 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004032.D

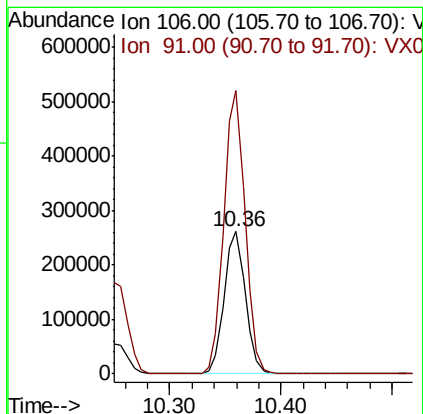
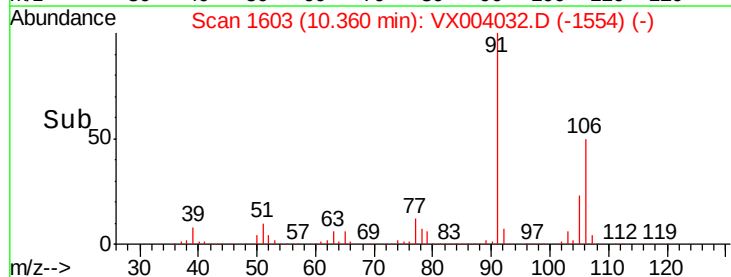
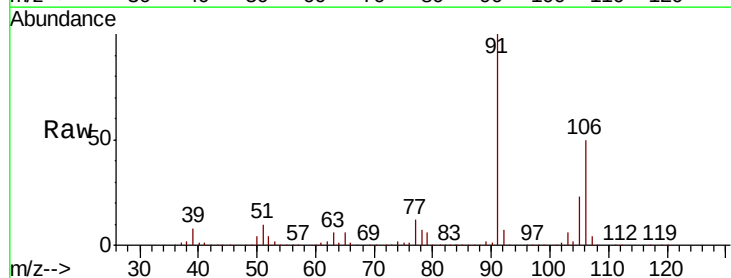
Acq: 14 Aug 2018 15:57

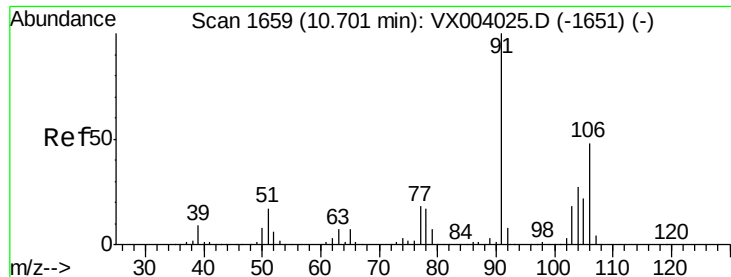
Tgt Ion: 106 Resp: 343852

Ion Ratio Lower Upper

106 100

91 199.7 162.3 243.5

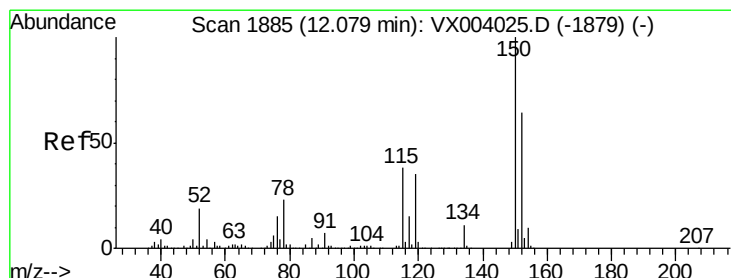
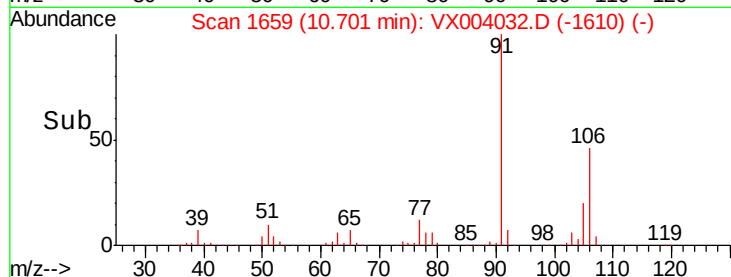
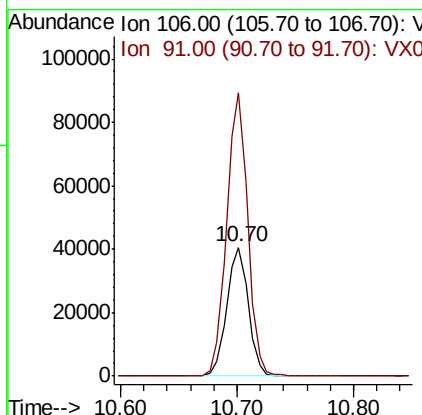
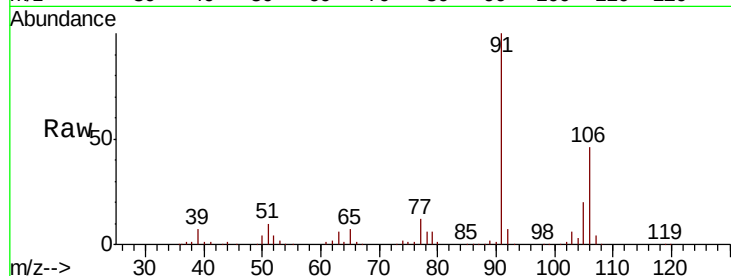




#69
o-Xylene
Concen: 8.35 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004032.D
Acq: 14 Aug 2018 15:57

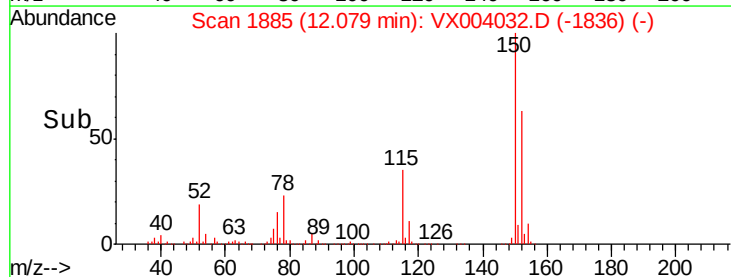
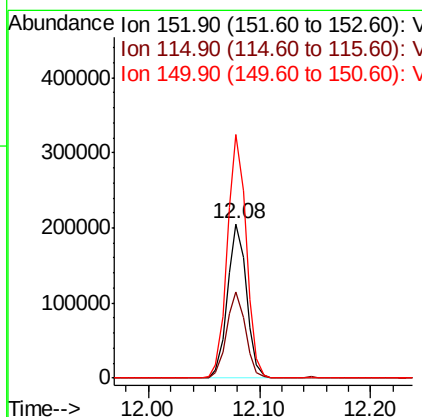
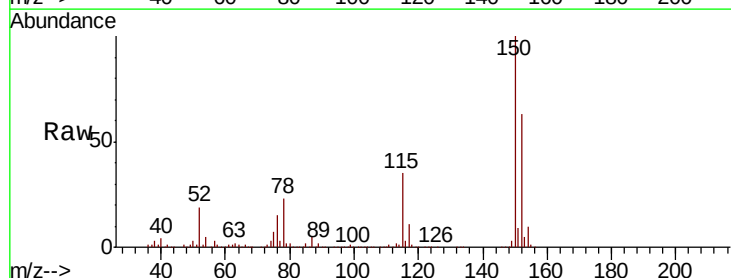
Instrument :
MSVOA_X
ClientSampleID :
FL-0547DL

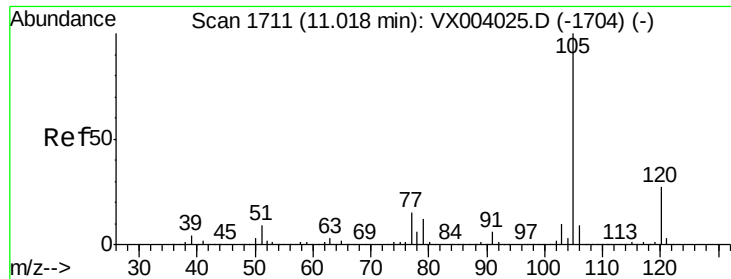
Tot Ion:106 Resp: 52095
Ion Ratio Lower Upper
106 100
91 214.6 101.9 305.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004032.D
Acq: 14 Aug 2018 15:57

Tgt Ion:152 Resp: 242069
Ion Ratio Lower Upper
152 100
115 55.4 39.1 117.3
150 157.5 0.0 349.2





#73

Isopropylbenzene

Concen: 1.09 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004032.D

Acq: 14 Aug 2018 15:57

Instrument :

MSVOA_X

ClientSampled :

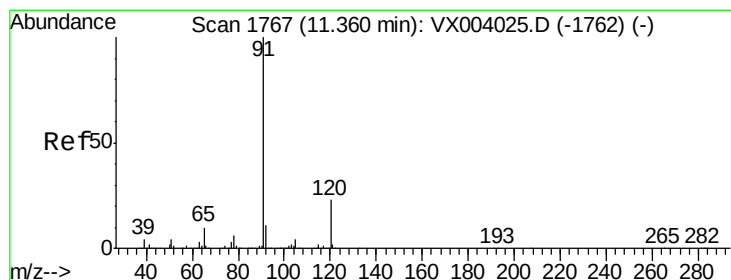
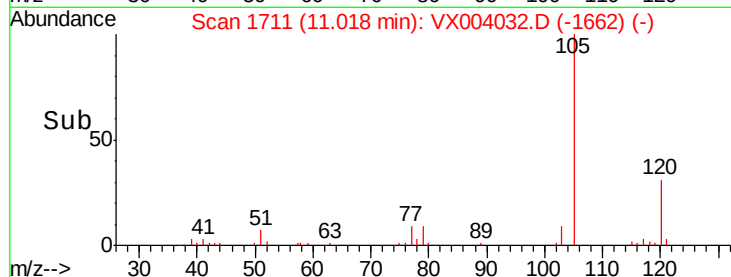
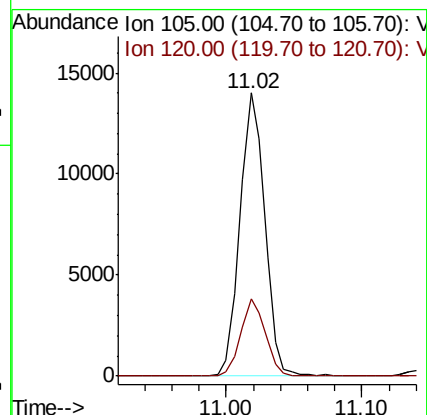
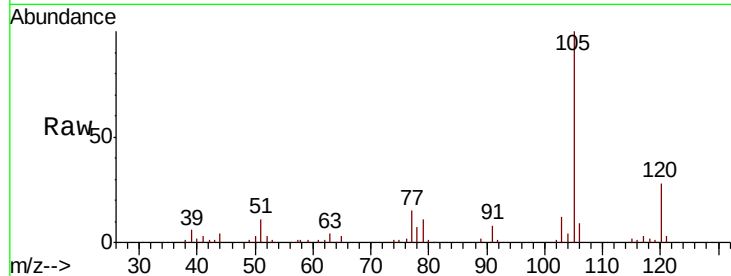
FL-0547DL

Tot Ion:105 Resp: 17840

Ion Ratio Lower Upper

105 100

120 26.9 12.6 37.8



#78

n-propylbenzene

Concen: 1.15 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004032.D

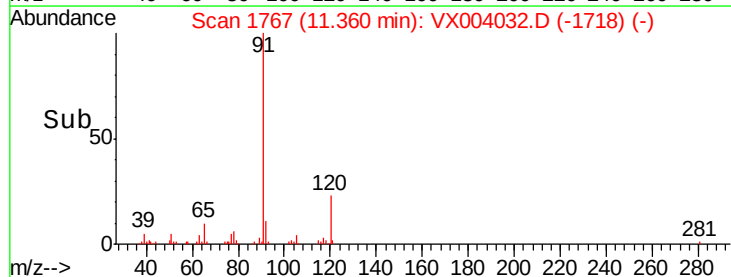
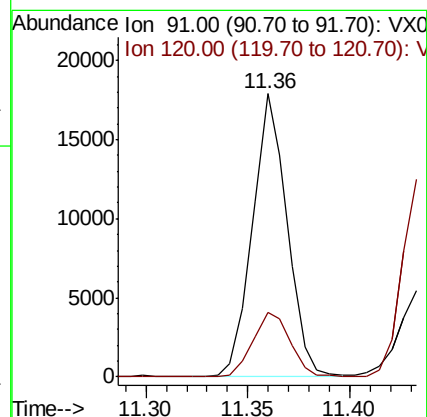
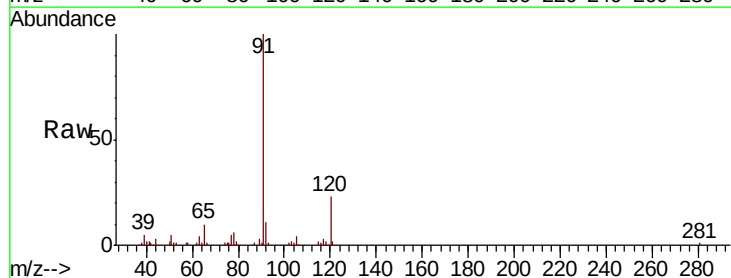
Acq: 14 Aug 2018 15:57

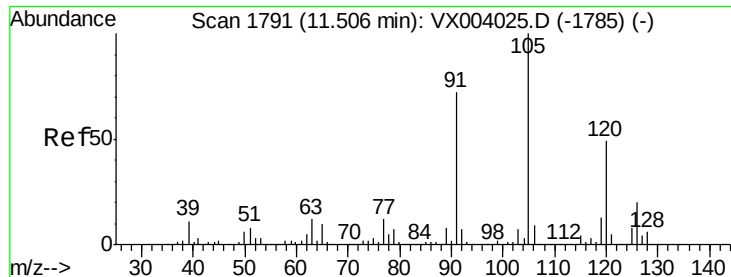
Tgt Ion: 91 Resp: 21171

Ion Ratio Lower Upper

91 100

120 24.7 11.9 35.5

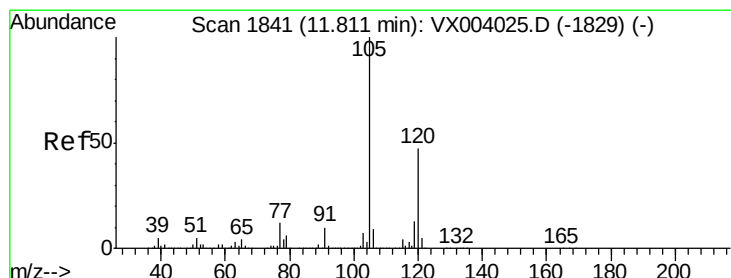
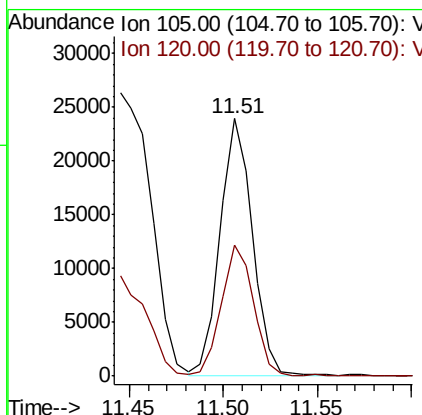
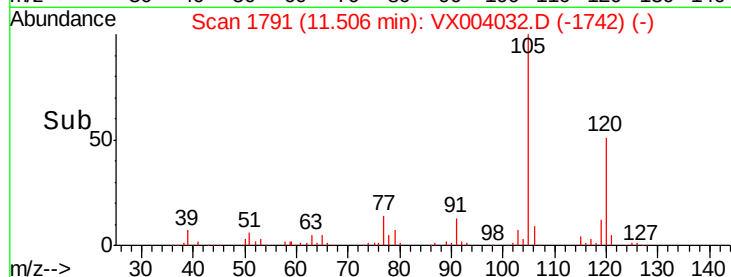
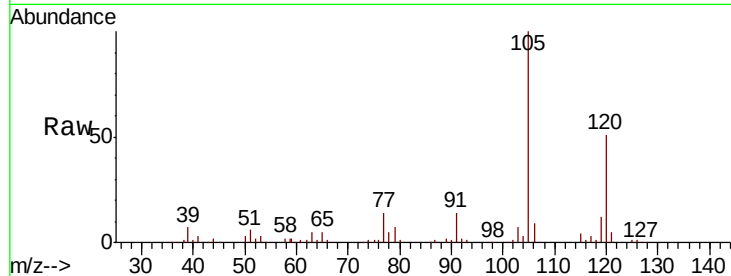




#80
 1,3,5-Trimethylbenzene
 Concen: 2.12 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004032.D
 Acq: 14 Aug 2018 15:57

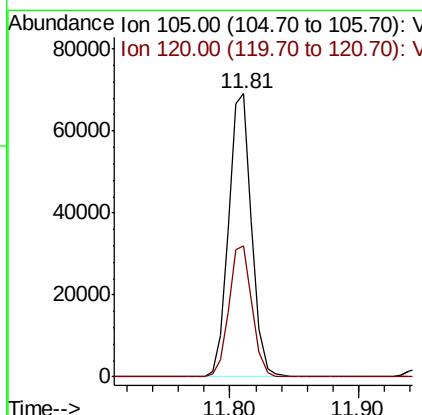
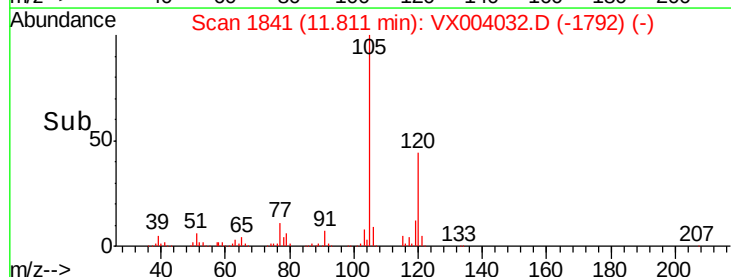
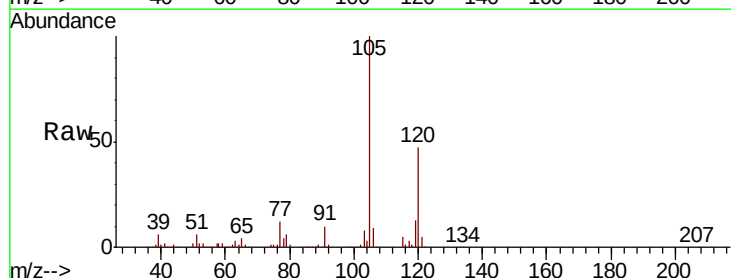
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0547DL

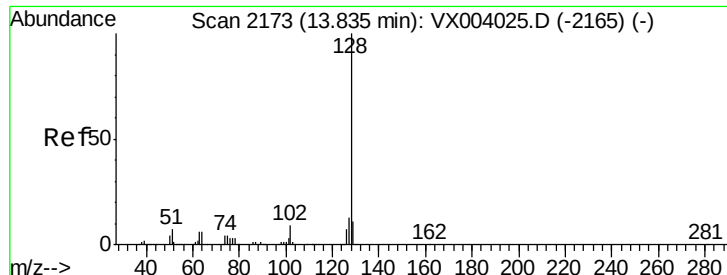
Tot Ion:105 Resp: 28409
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.4 76.2



#84
 1,2,4-Trimethylbenzene
 Concen: 6.22 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004032.D
 Acq: 14 Aug 2018 15:57

Tgt Ion:105 Resp: 86367
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.1 69.2





#95
Naphthalene
Concen: 2.55 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004032.D
Acq: 14 Aug 2018 15:57

Instrument :
MSVOA_X
ClientSampleId :
FL-0547DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	11.0	8.8	13.2

