

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011033.D
 Acq On : 22 Jul 2019 16:13
 Operator : JC/SP
 Sample : K3884-19DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0619DL

Quant Time: Jul 23 05:50:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	343007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	162670	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125625	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
35) Dibromofluoromethane	5.50	113	113028	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
50) Toluene-d8	8.71	98	441786	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.13	95	160860	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	

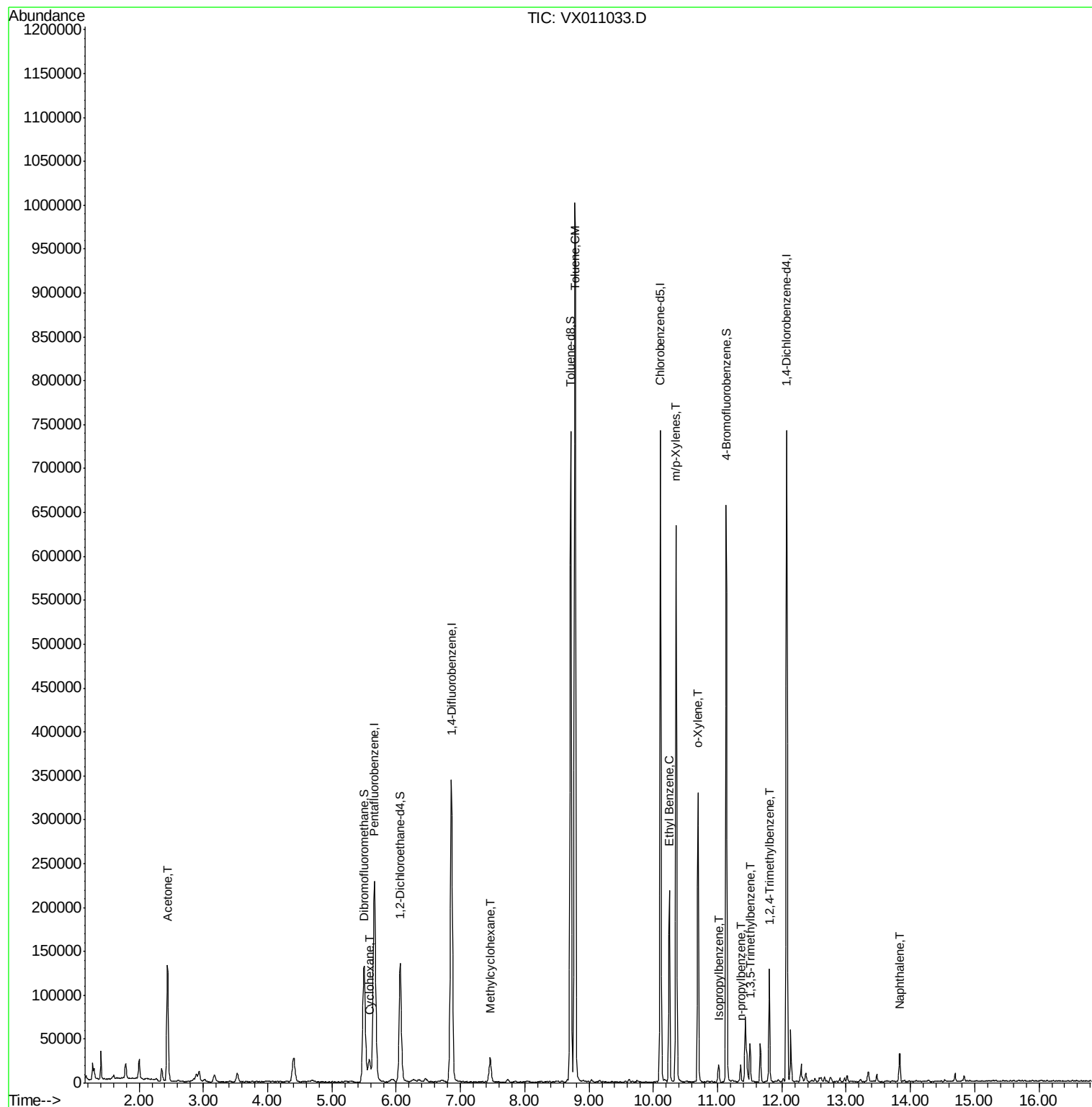
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	139768	126.424	ug/l	98
31) Cyclohexane	5.58	56	16339	4.916	ug/l	92
39) Methylcyclohexane	7.46	83	12895	3.361	ug/l	94
52) Toluene	8.78	92	379907	63.808	ug/l	99
67) Ethyl Benzene	10.25	91	123349	10.286	ug/l	100
68) m/p-Xylenes	10.35	106	151150	32.860	ug/l	99
69) o-Xylene	10.69	106	73397	16.350	ug/l	100
73) Isopropylbenzene	11.02	105	10111	0.920	ug/l	100
78) n-propylbenzene	11.36	91	11550	0.951	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	18676	2.033	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	54077	5.842	ug/l	99
95) Naphthalene	13.83	128	20682	1.982	ug/l	98

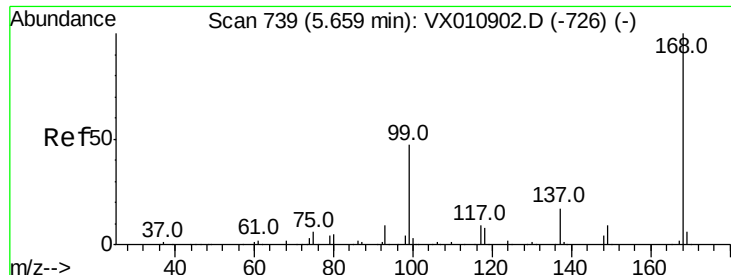
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072219\
Data File : VX011033.D
Acq On : 22 Jul 2019 16:13
Operator : JC/SP
Sample : K3884-19DL 100X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0619DL

Quant Time: Jul 23 05:50:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA_X

ClientSampled :

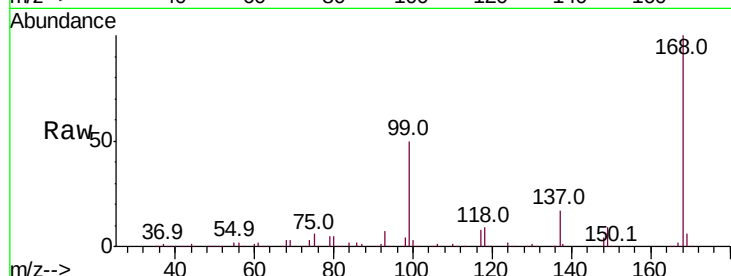
FL-0619DL

Tot Ion:168 Resp: 230090

Ion Ratio Lower Upper

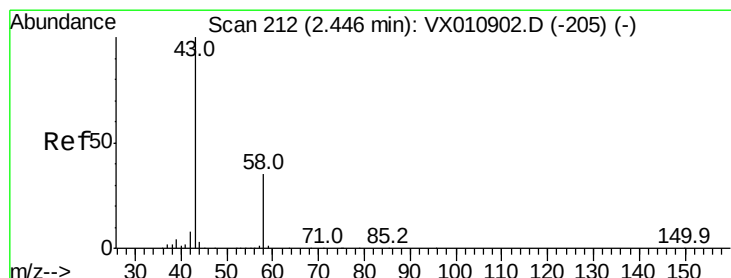
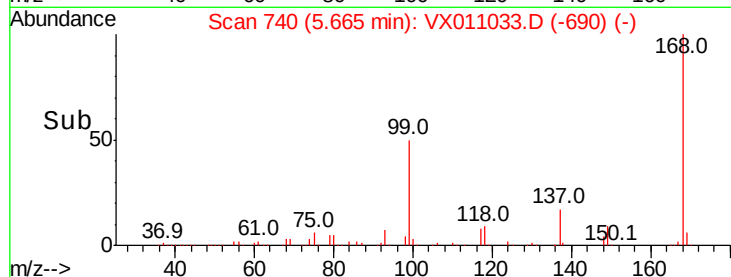
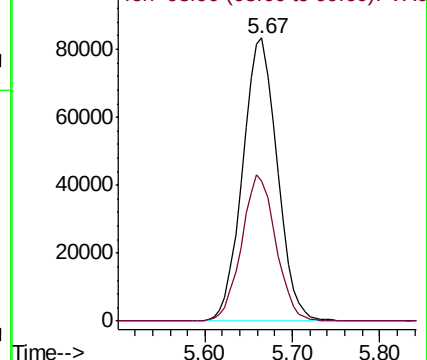
168 100

99 49.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 126.424 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011033.D

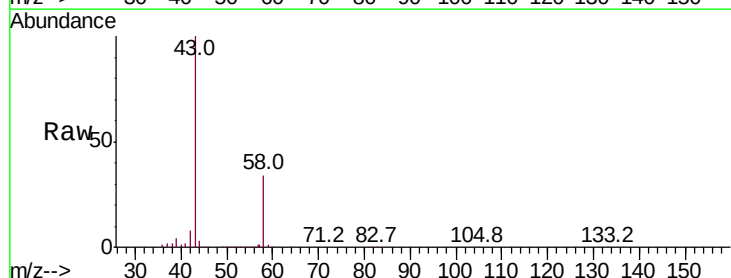
Acq: 22 Jul 2019 16:13

Tgt Ion: 43 Resp: 139768

Ion Ratio Lower Upper

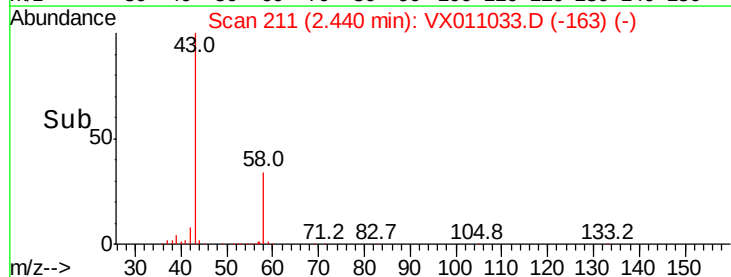
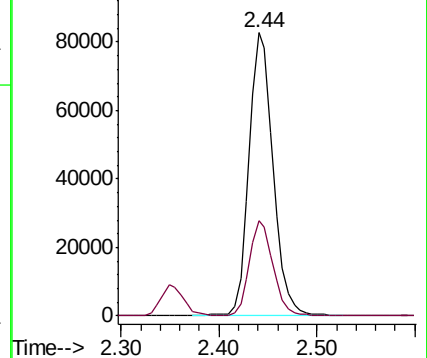
43 100

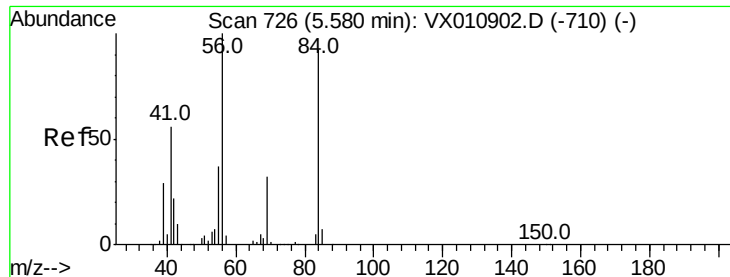
58 33.5 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

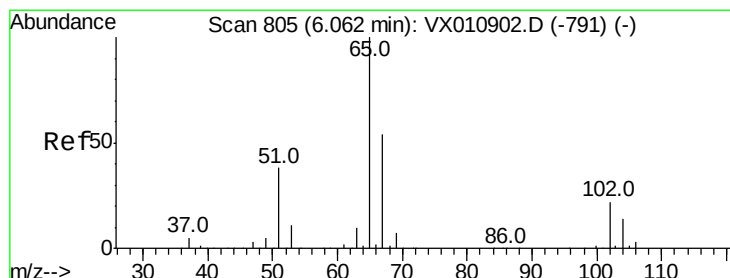
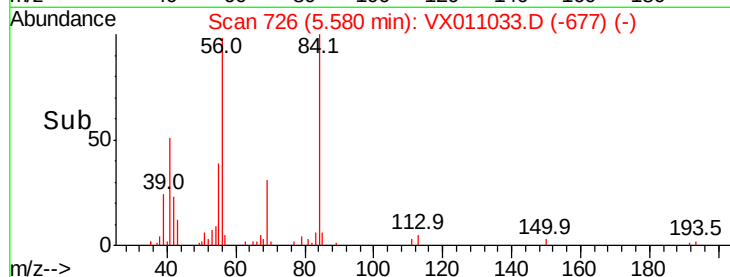
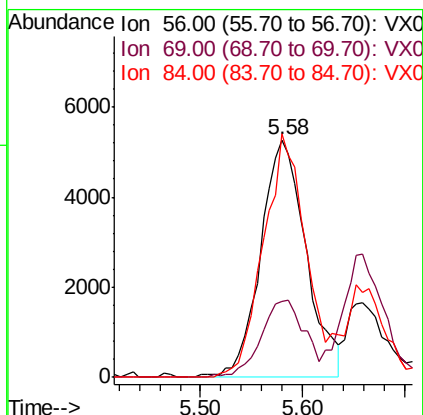
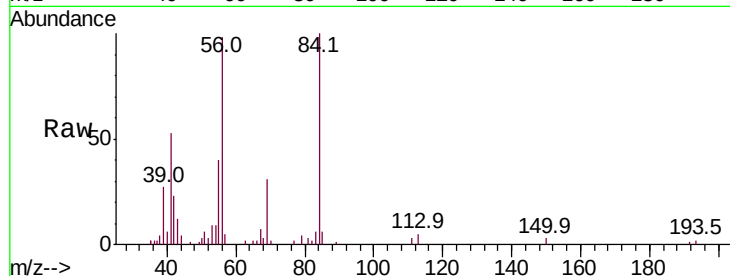




#31
Cyclohexane
Concen: 4.916 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX011033.D
Acq: 22 Jul 2019 16:13

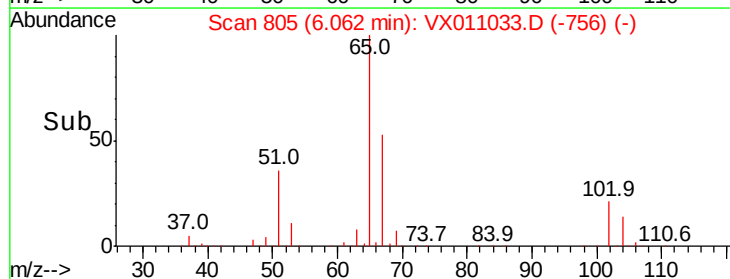
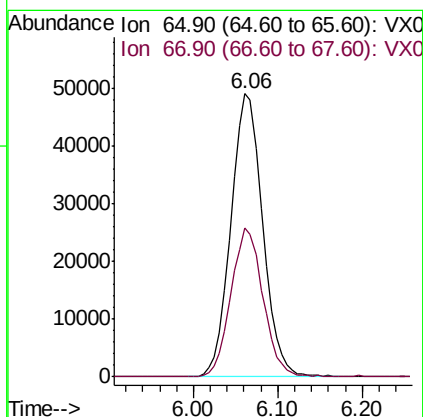
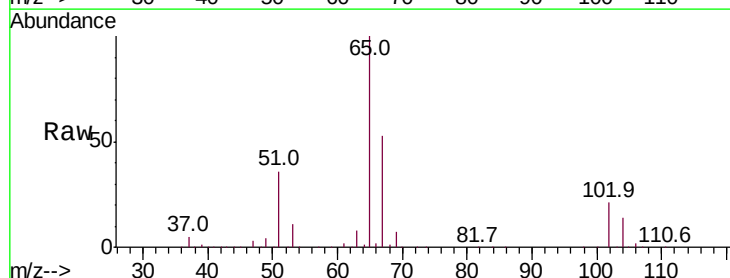
Instrument :
MSVOA_X
ClientSampled :
FL-0619DL

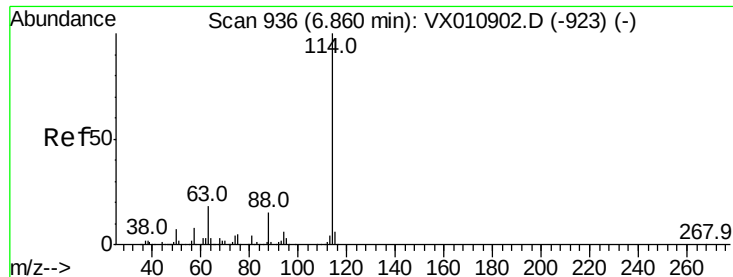
Tot Ion: 56 Resp: 16339
Ion Ratio Lower Upper
56 100
69 32.0 25.8 38.8
84 102.4 73.8 110.6



#33
1,2-Dichloroethane-d4
Concen: 51.321 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX011033.D
Acq: 22 Jul 2019 16:13

Tgt Ion: 65 Resp: 125625
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

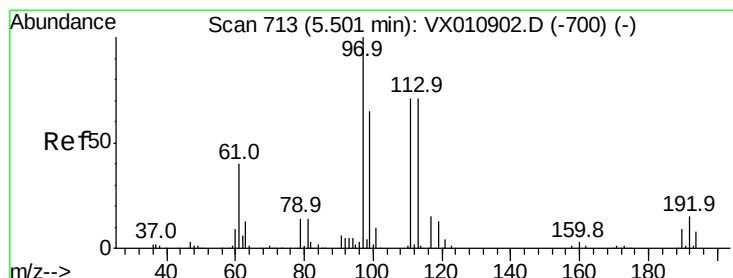
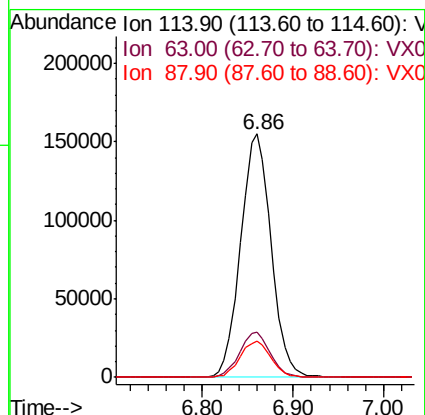
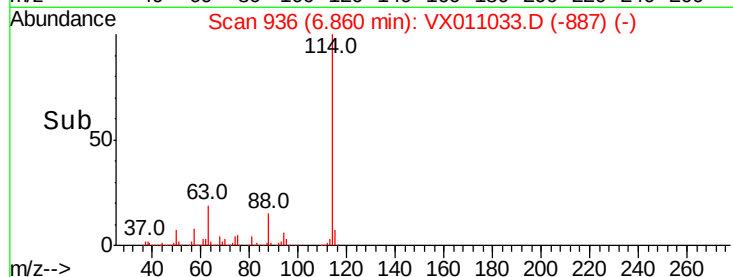
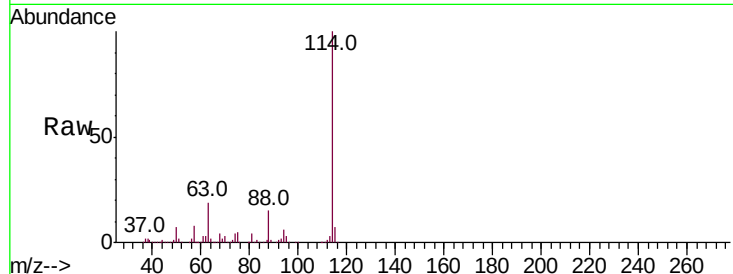
Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :
MSVOA_X
ClientSampleId :
FL-0619DL

Tot Ion:114 Resp: 360201

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	35.6
88	14.8	0.0	29.8



#35

Dibromofluoromethane

Concen: 49.438 ug/l

RT: 5.50 min Scan# 713

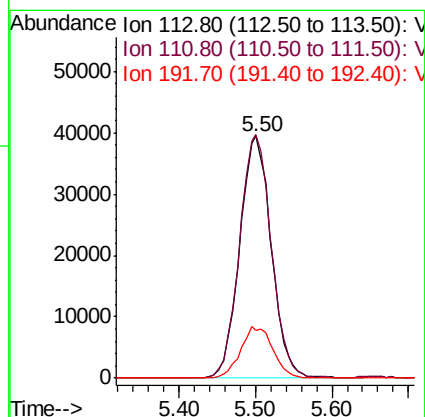
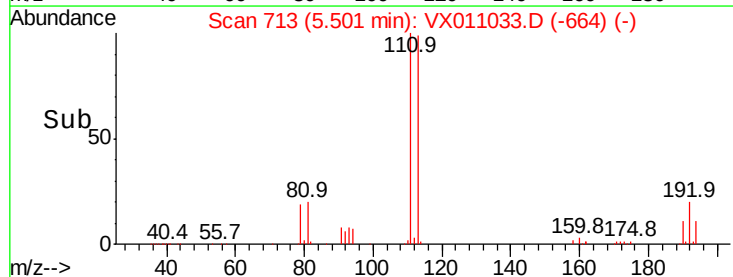
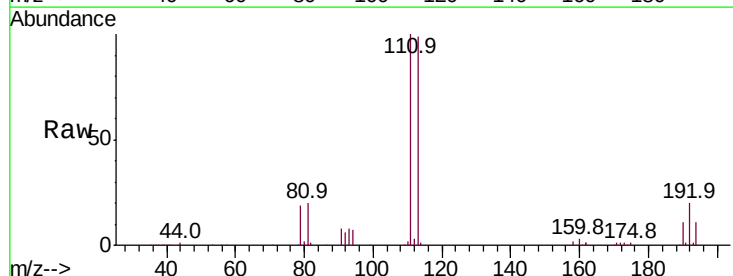
Delta R.T. 0.00 min

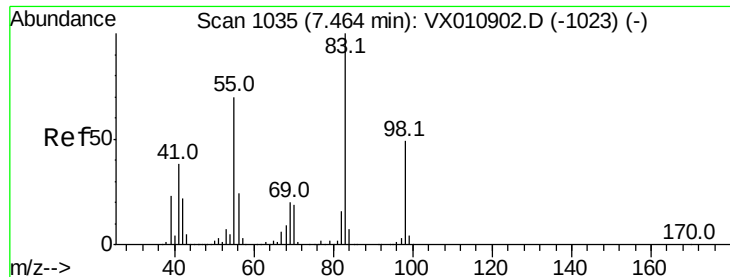
Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Tgt Ion:113 Resp: 113028

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.3	123.5
192	21.7	17.4	26.2

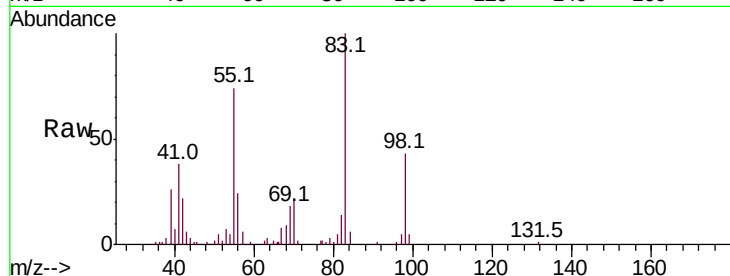




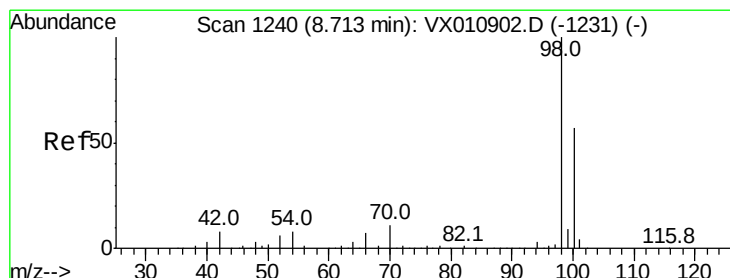
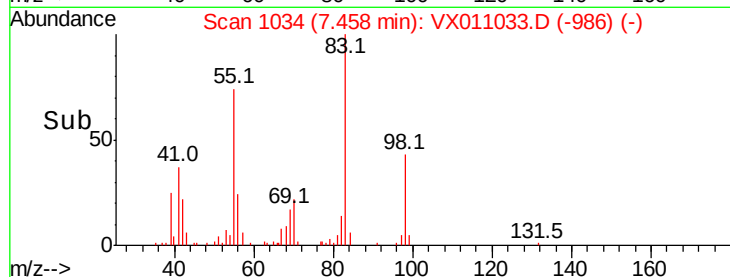
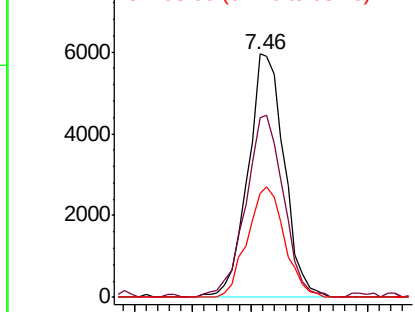
#39
Methylcyclohexane
Concen: 3.361 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011033.D
Acq: 22 Jul 2019 16:13

Instrument :
MSVOA_X
ClientSampled :
FL-0619DL

Tot Ion: 83 Resp: 12895
Ion Ratio Lower Upper
83 100
55 73.9 56.2 84.4
98 42.8 39.0 58.4

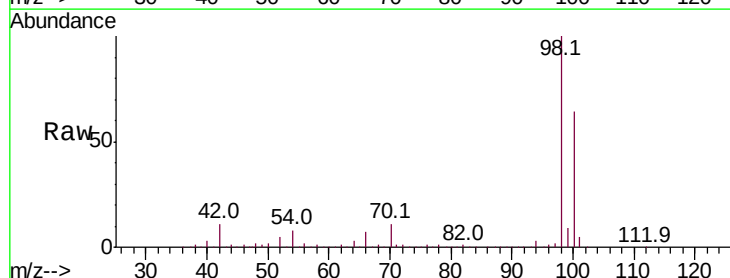


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

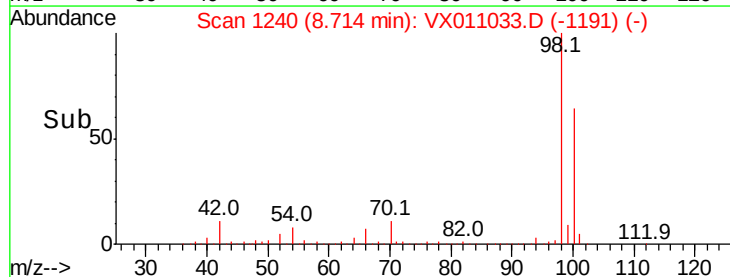
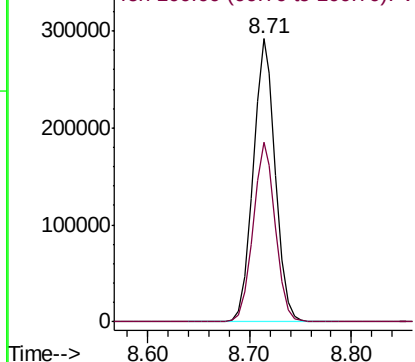


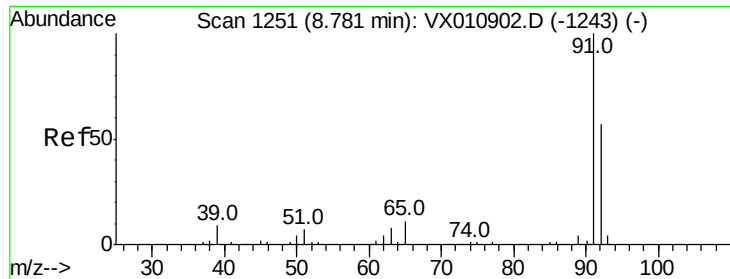
#50
Toluene-d8
Concen: 51.520 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011033.D
Acq: 22 Jul 2019 16:13

Tgt Ion: 98 Resp: 441786
Ion Ratio Lower Upper
98 100
100 63.8 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 63.808 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

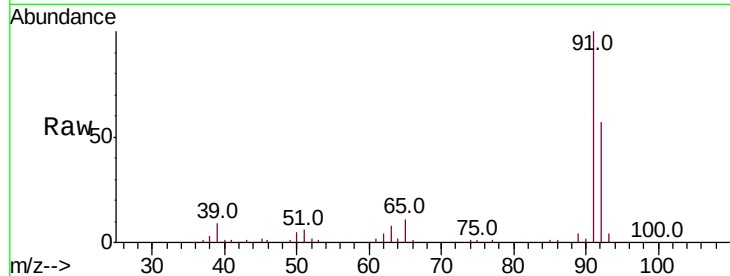
FL-0619DL

Tot Ion: 92 Resp: 379907

Ion Ratio Lower Upper

92 100

91 175.8 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

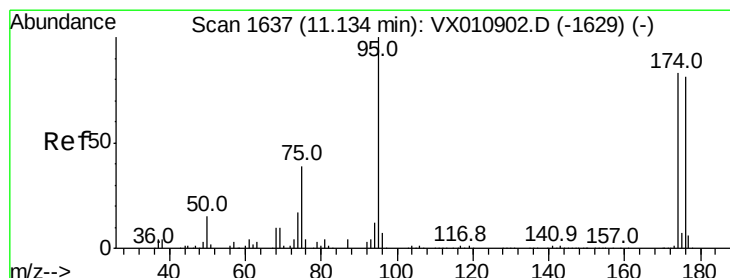
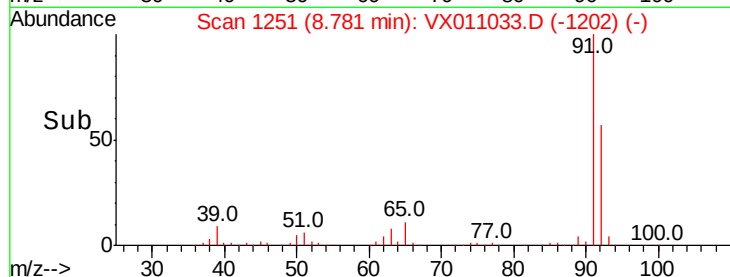
200000

100000

0

8.70 8.78 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 51.036 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

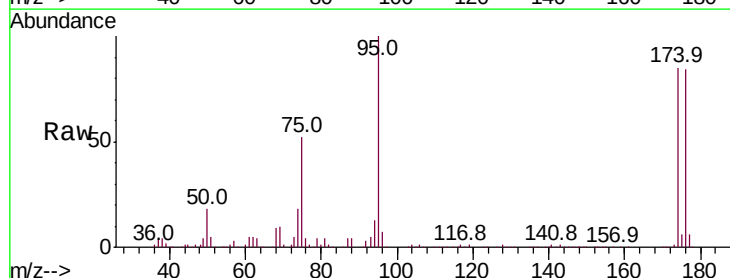
Tgt Ion: 95 Resp: 160860

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.6

176 87.8 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

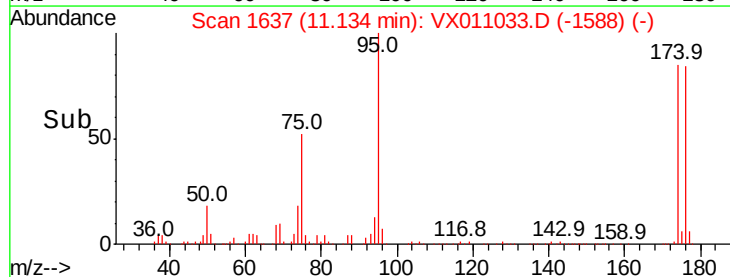
100000

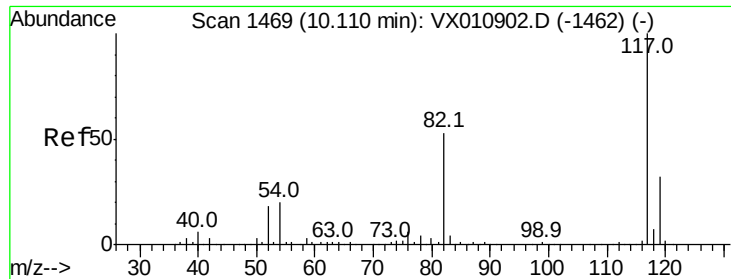
50000

0

11.10 11.13 11.20

Time-->

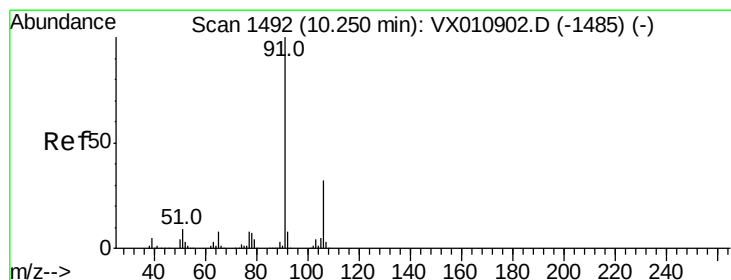
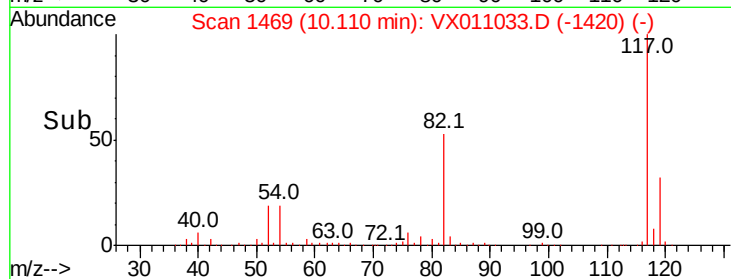
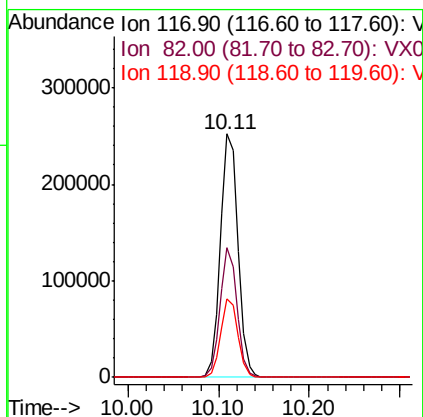
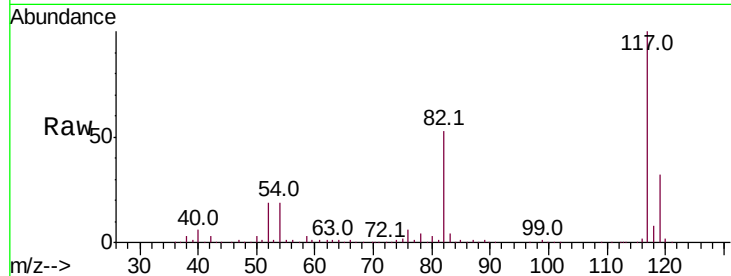




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011033.D
Acq: 22 Jul 2019 16:13

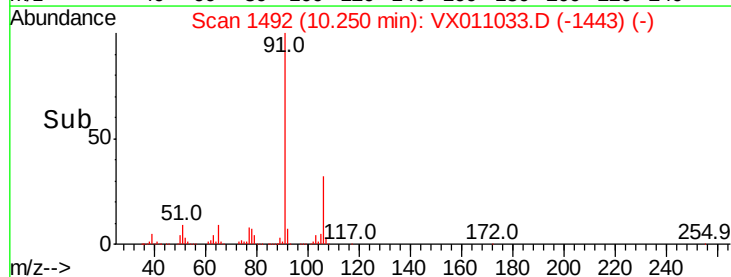
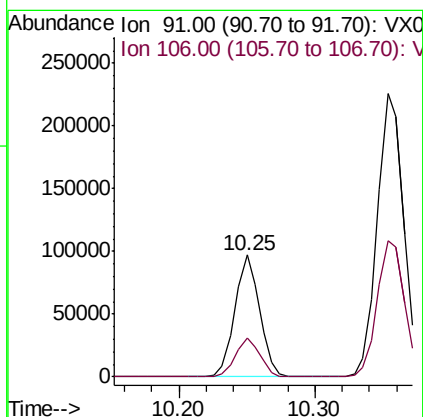
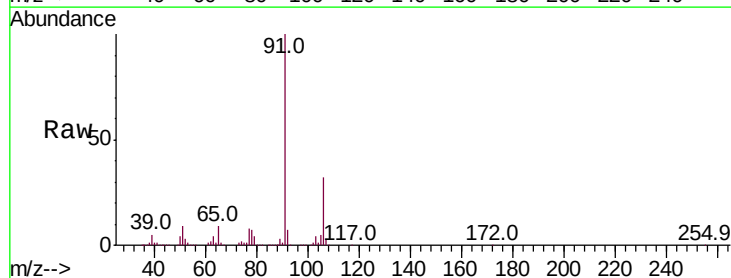
Instrument :
MSVOA_X
ClientSampleId :
FL-0619DL

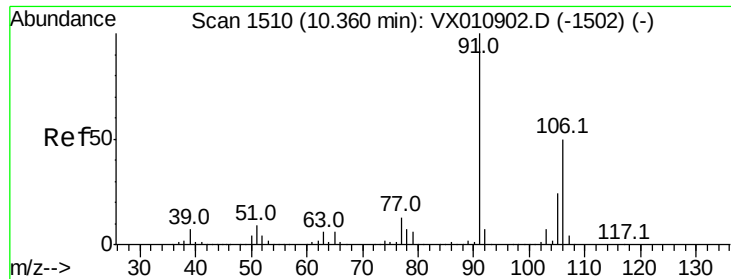
Tot Ion:117 Resp: 343007
Ion Ratio Lower Upper
117 100
82 53.4 42.6 63.8
119 32.3 25.9 38.9



#67
Ethyl Benzene
Concen: 10.286 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011033.D
Acq: 22 Jul 2019 16:13

Tgt Ion: 91 Resp: 123349
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2

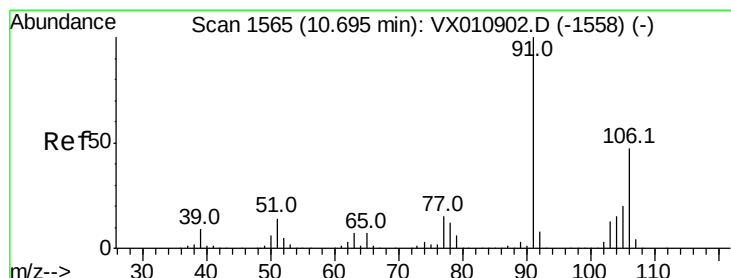
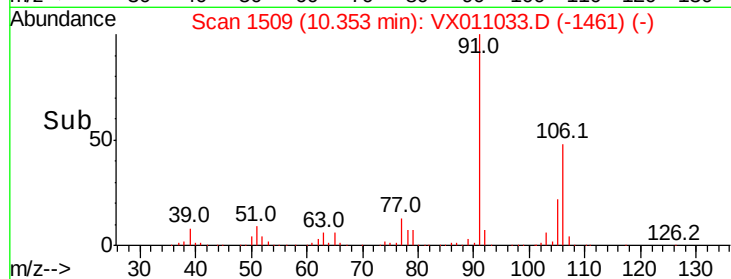
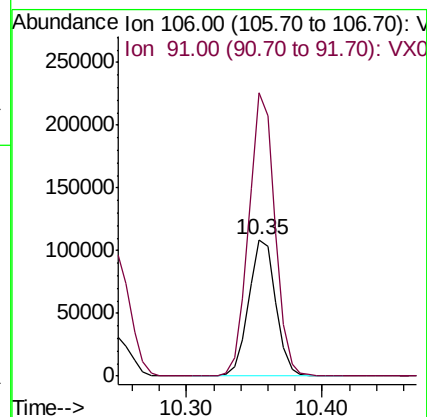
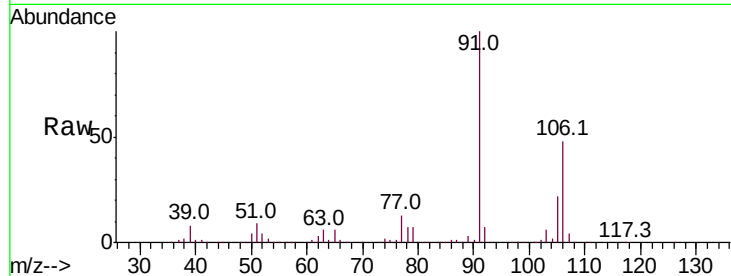




#68
m/p-Xylenes
Concen: 32.860 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011033.D
Acq: 22 Jul 2019 16:13

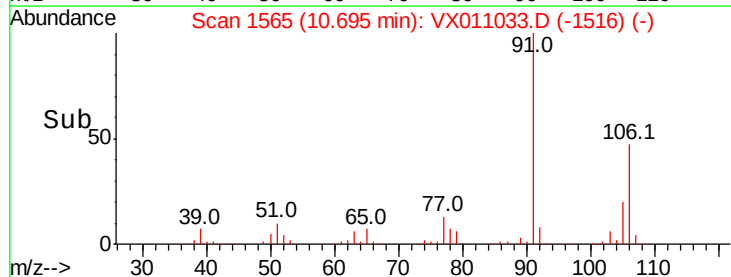
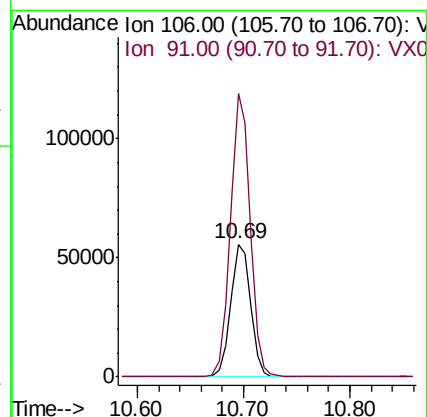
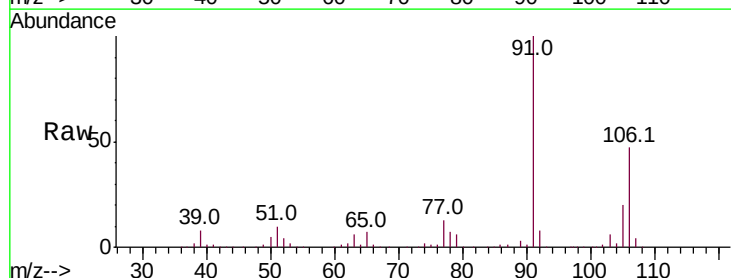
Instrument :
MSVOA_X
ClientSampleId :
FL-0619DL

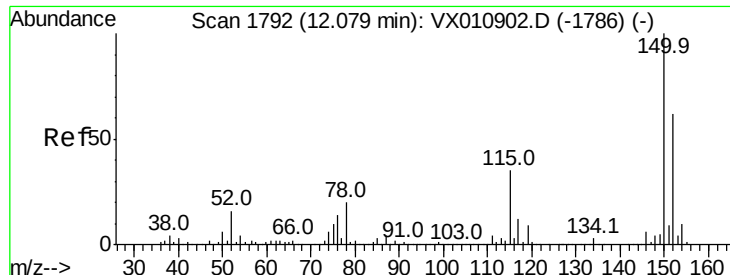
Tot Ion:106 Resp: 151150
Ion Ratio Lower Upper
106 100
91 201.2 160.1 240.1



#69
o-Xylene
Concen: 16.350 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011033.D
Acq: 22 Jul 2019 16:13

Tgt Ion:106 Resp: 73397
Ion Ratio Lower Upper
106 100
91 210.3 105.1 315.3

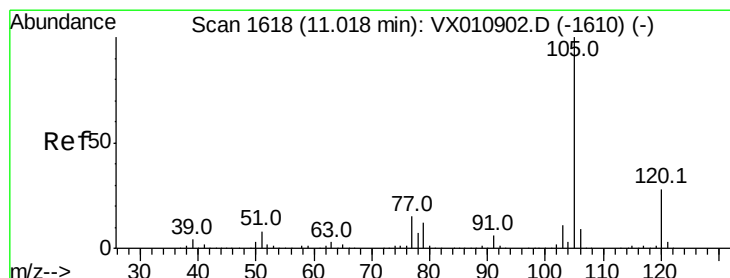
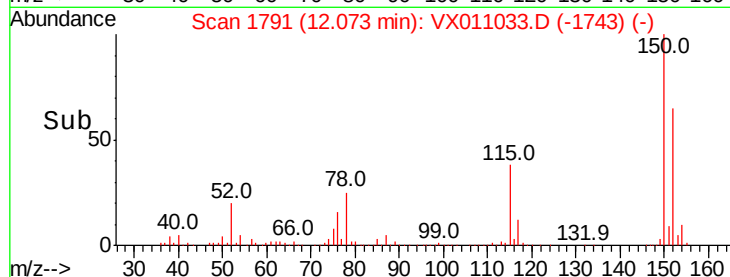
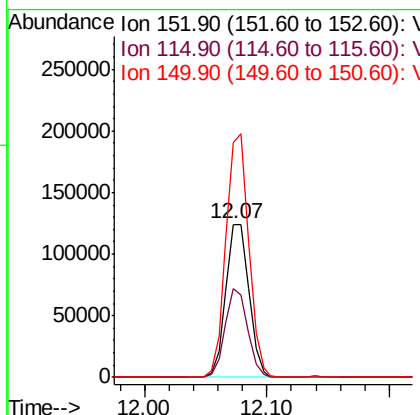
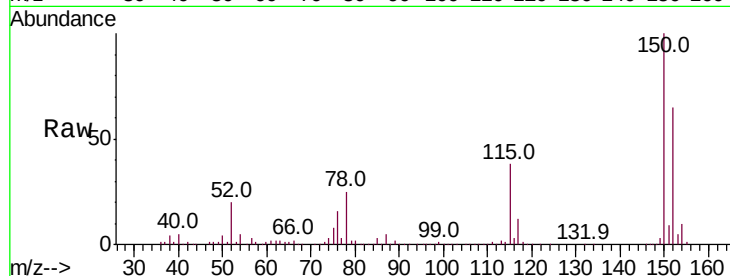




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011033.D
 Acq: 22 Jul 2019 16:13

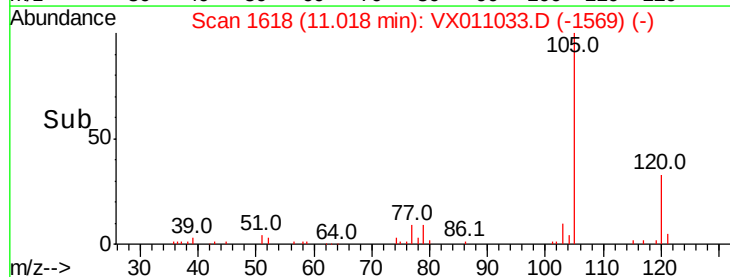
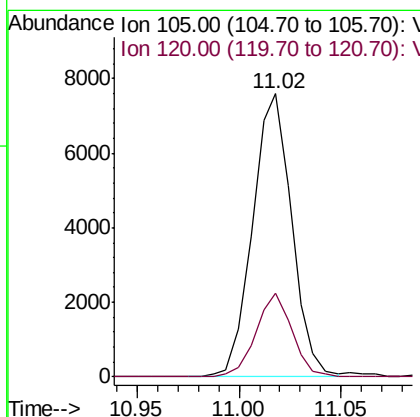
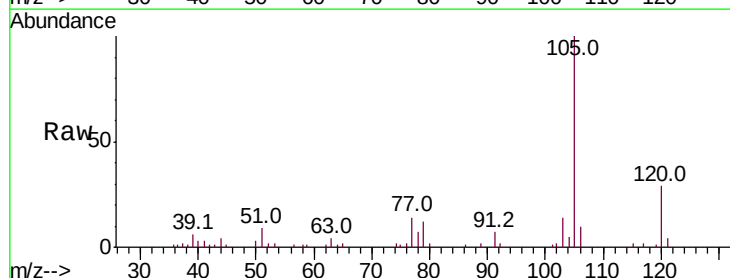
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0619DL

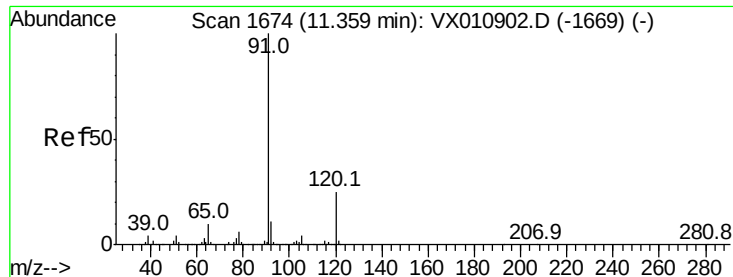
Tot Ion:152 Resp: 162670
 Ion Ratio Lower Upper
 152 100
 115 56.0 39.7 119.1
 150 156.8 0.0 345.6



#73
 Isopropylbenzene
 Concen: 0.920 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: VX011033.D
 Acq: 22 Jul 2019 16:13

Tgt Ion:105 Resp: 10111
 Ion Ratio Lower Upper
 105 100
 120 27.3 13.7 41.1





#78

n-propylbenzene

Concen: 0.951 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA_X

ClientSampled :

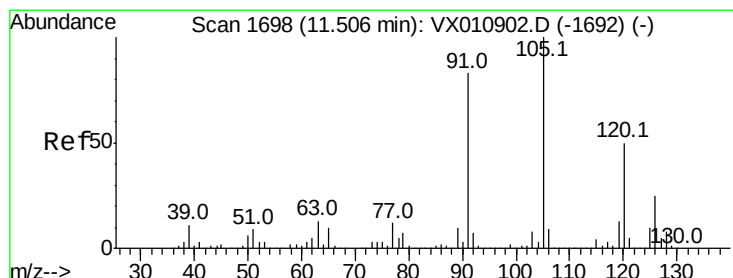
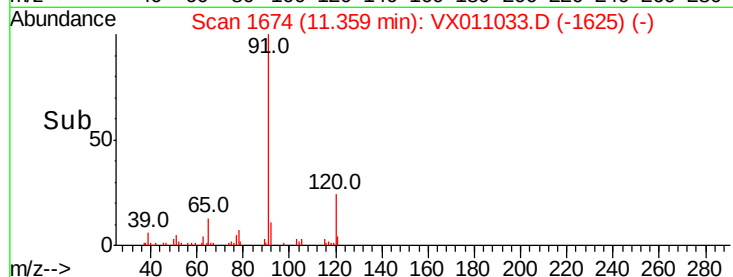
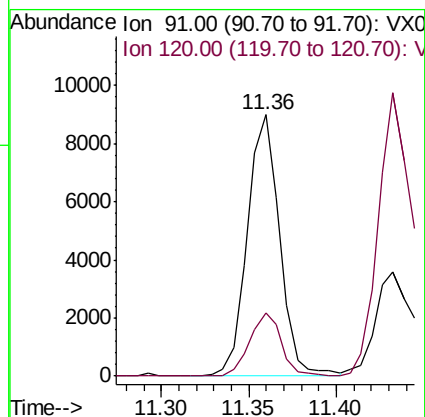
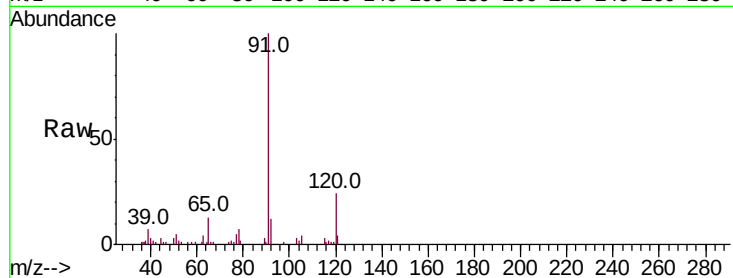
FL-0619DL

Tot Ion: 91 Resp: 11550

Ion Ratio Lower Upper

91 100

120 23.6 12.3 36.8



#80

1,3,5-Trimethylbenzene

Concen: 2.033 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011033.D

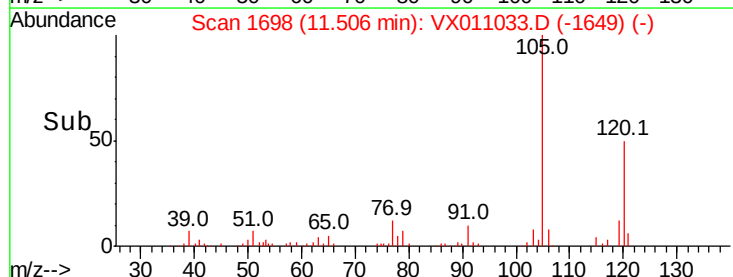
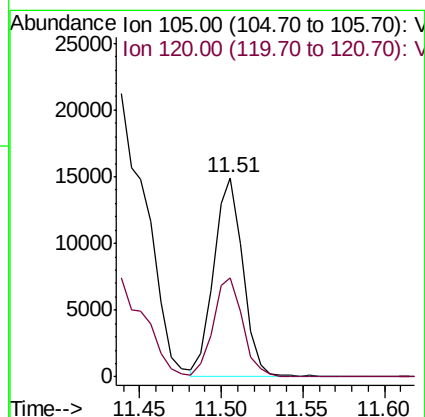
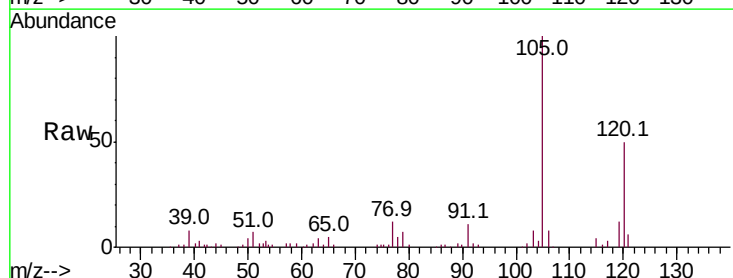
Acq: 22 Jul 2019 16:13

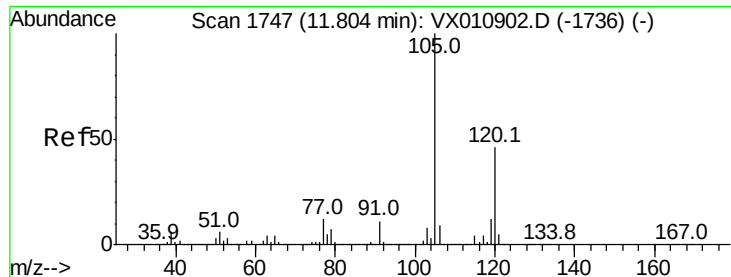
Tgt Ion: 105 Resp: 18676

Ion Ratio Lower Upper

105 100

120 50.8 24.6 73.8





#84

1,2,4-Trimethylbenzene

Concen: 5.842 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA_X

ClientSampled :

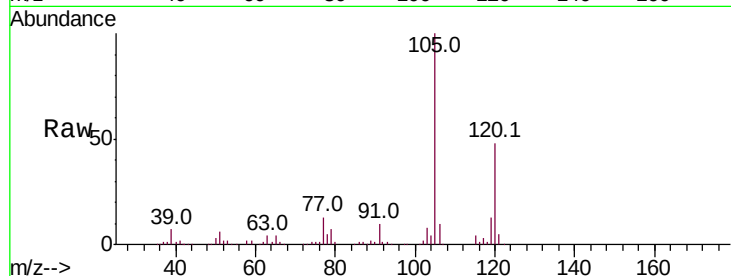
FL-0619DL

Tot Ion:105 Resp: 54077

Ion Ratio Lower Upper

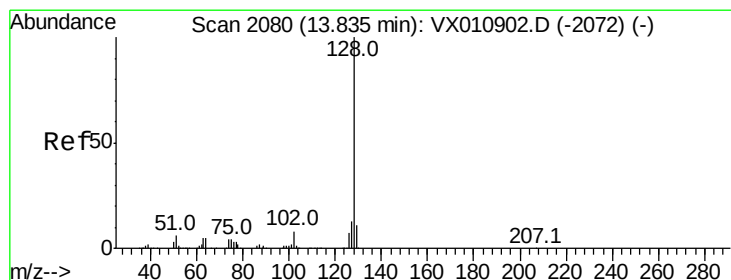
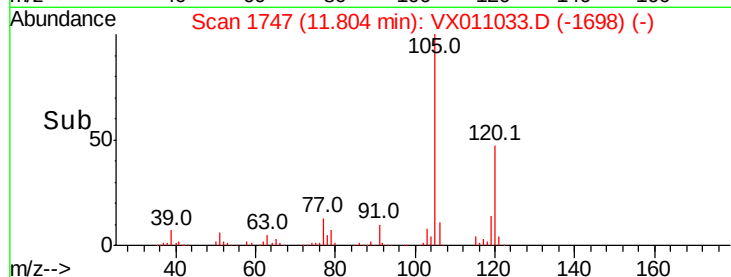
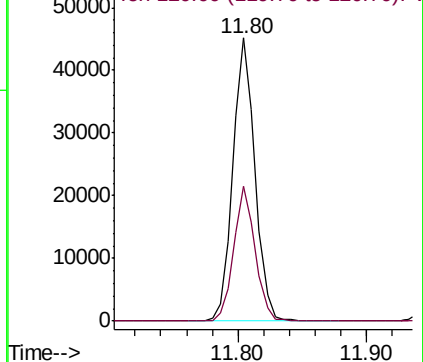
105 100

120 46.2 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.982 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

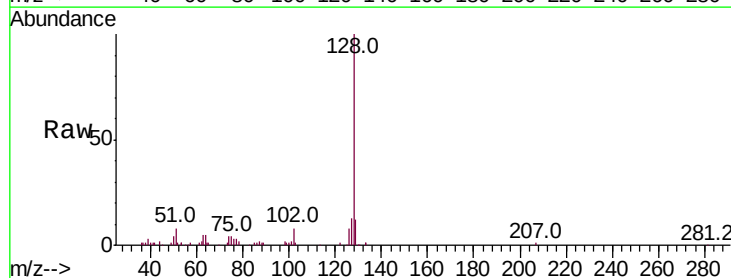
Tgt Ion:128 Resp: 20682

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 12.0 8.9 13.3



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

