

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010541.D
 Acq On : 28 Jun 2019 17:44
 Operator : JC/SP
 Sample : K3565-11DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0576DL

Quant Time: Jun 29 06:15:05 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	5.67	168	243913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	345890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166252	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	116939	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
35) Dibromofluoromethane	5.50	113	113505	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
50) Toluene-d8	8.71	98	446499	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.13	95	154722	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	

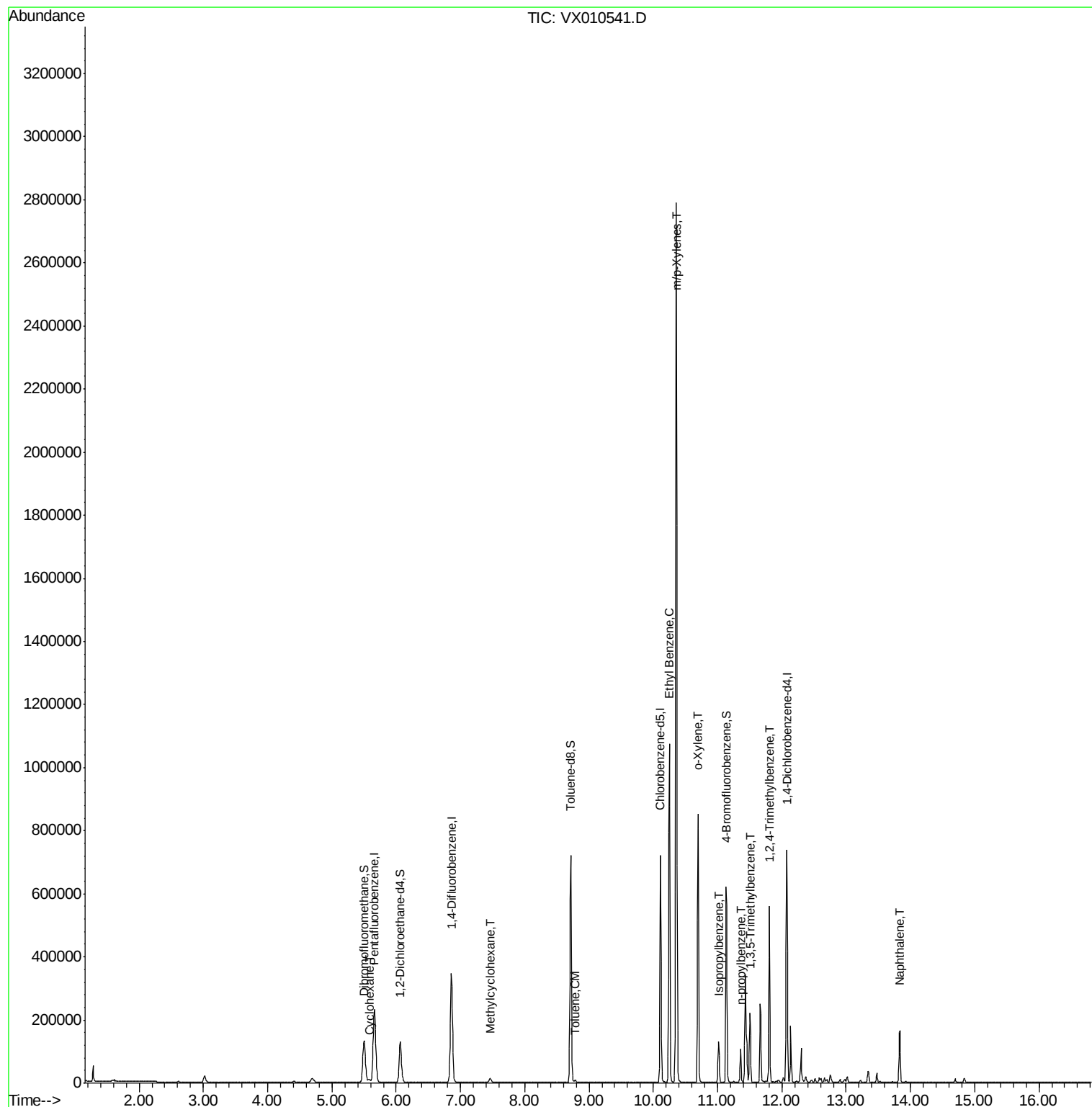
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.59	56	5325	1.612	ug/l	88
39) Methylcyclohexane	7.47	83	6343	1.618	ug/l	91
52) Toluene	8.78	92	2327	0.380	ug/l	98
67) Ethyl Benzene	10.25	91	617680	52.103	ug/l	100
68) m/p-Xylenes	10.36	106	696895	151.712	ug/l	100
69) o-Xylene	10.69	106	194157	42.981	ug/l	100
73) Isopropylbenzene	11.02	105	68385	6.068	ug/l	98
78) n-propylbenzene	11.36	91	64173	5.181	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	95205	10.247	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	241771	25.902	ug/l	97
95) Naphthalene	13.83	128	106639	9.166	ug/l	99

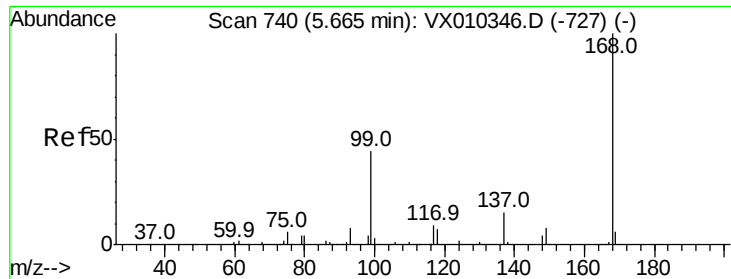
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 29 06:15:05 2019
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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010541.D

Acq: 28 Jun 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

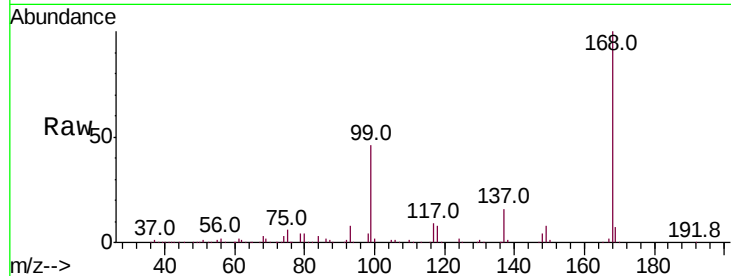
FL-0576DL

Tot Ion:168 Resp: 243913

Ion Ratio Lower Upper

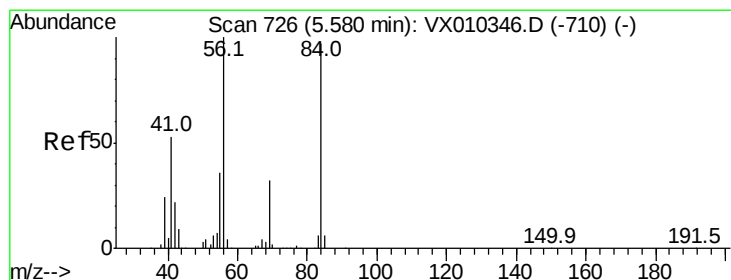
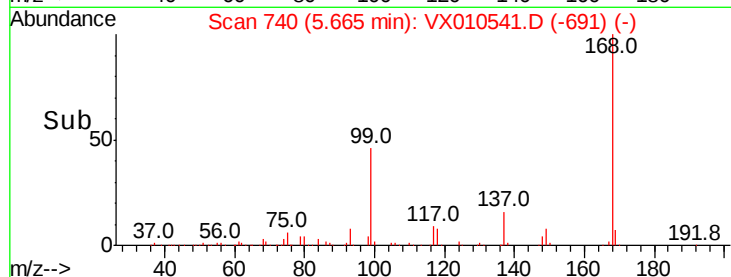
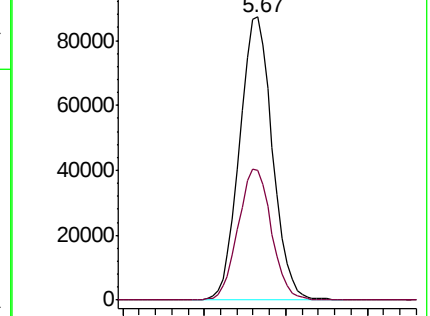
168 100

99 45.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 1.612 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010541.D

Acq: 28 Jun 2019 17:44

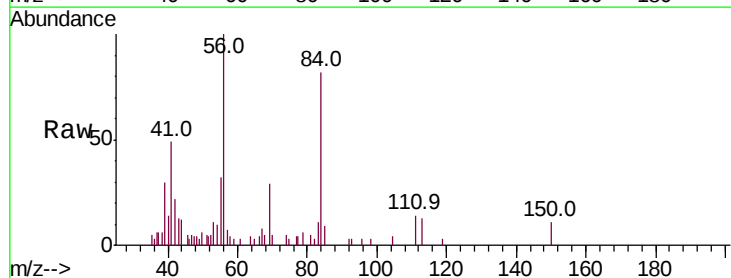
Tgt Ion: 56 Resp: 5325

Ion Ratio Lower Upper

56 100

69 27.1 25.9 38.9

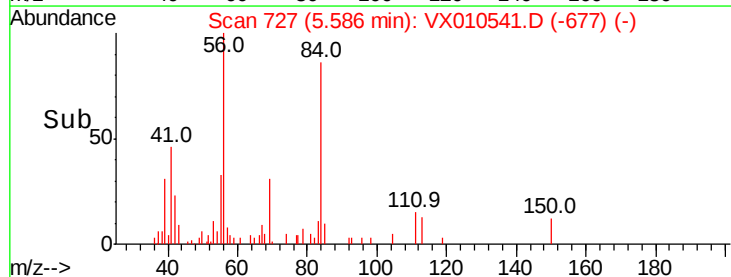
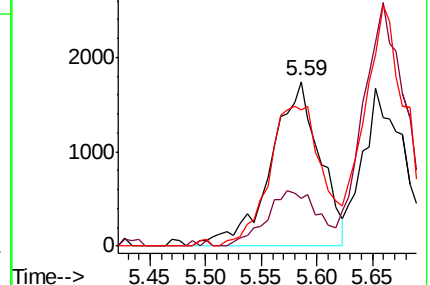
84 85.4 78.0 117.0

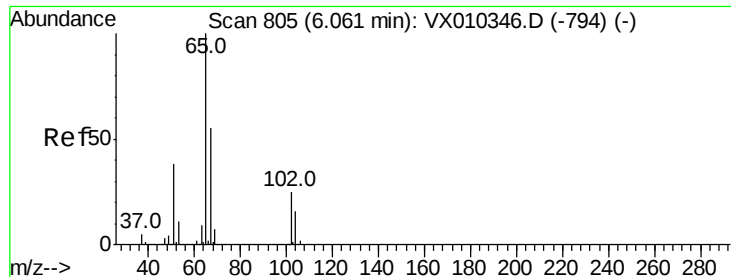


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.134 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010541.D

Acq: 28 Jun 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

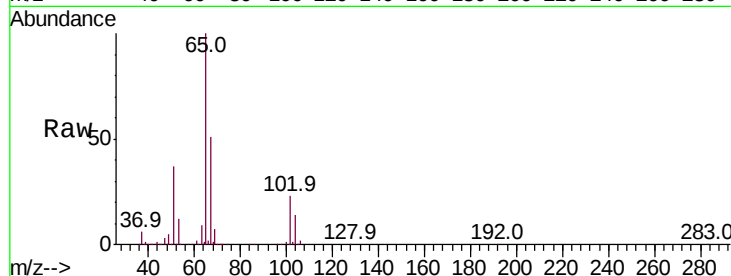
FL-0576DL

Tot Ion: 65 Resp: 116939

Ion Ratio Lower Upper

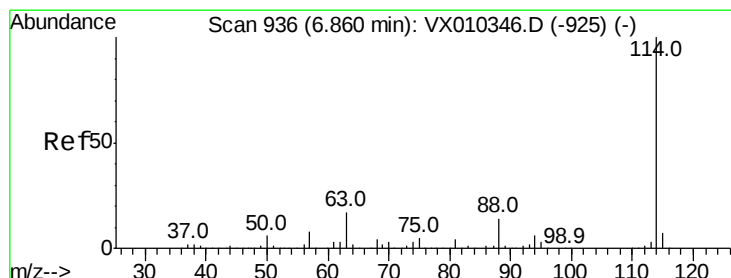
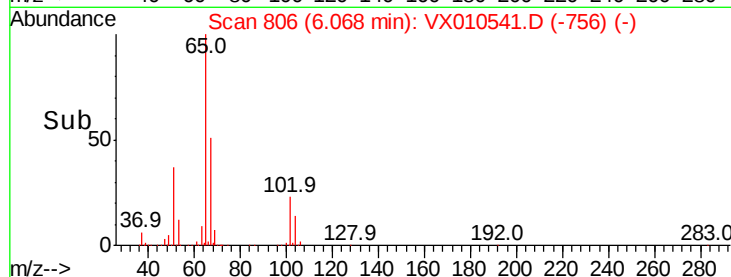
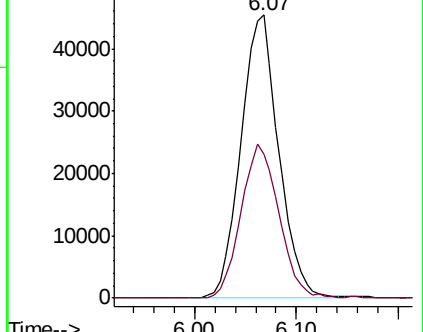
65 100

67 54.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010541.D

Acq: 28 Jun 2019 17:44

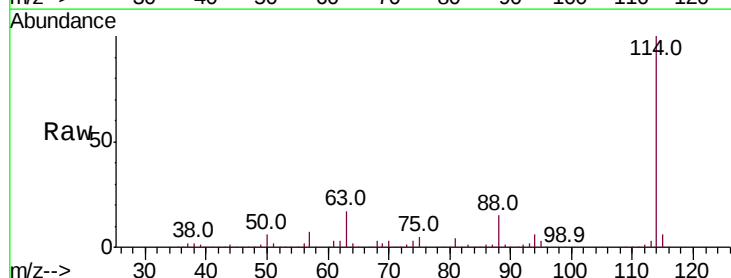
Tgt Ion: 114 Resp: 375359

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

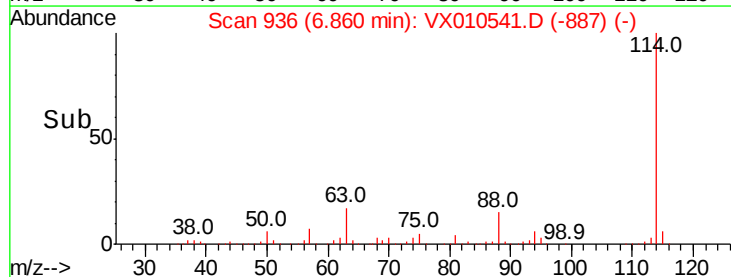
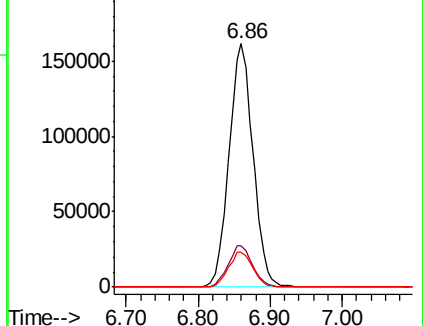
88 14.5 0.0 27.6

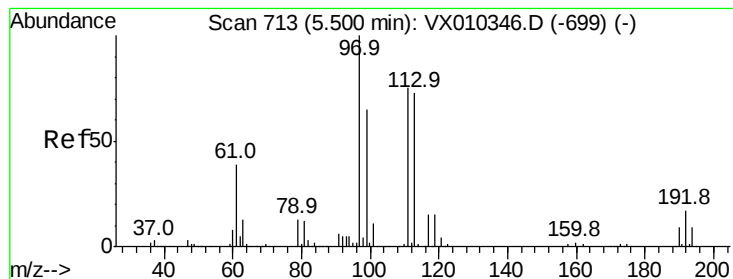


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.423 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010541.D

Acq: 28 Jun 2019 17:44

Instrument :

MSVOA_X

ClientSampled :

FL-0576DL

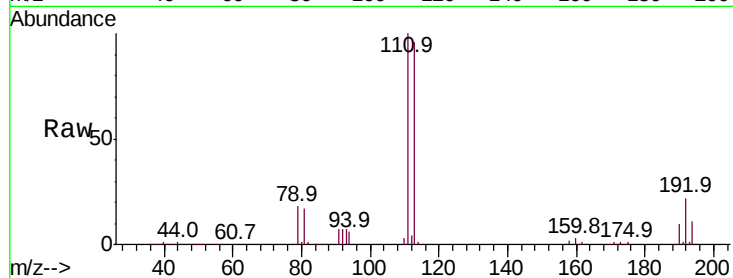
Tot Ion:113 Resp: 113505

Ion Ratio Lower Upper

113 100

111 103.4 81.2 121.8

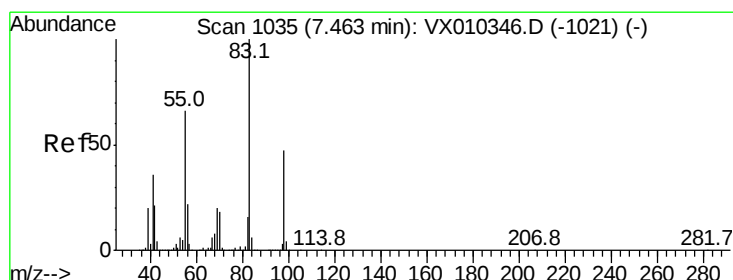
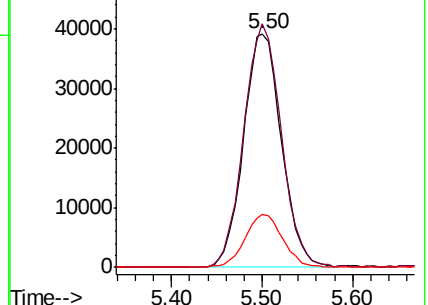
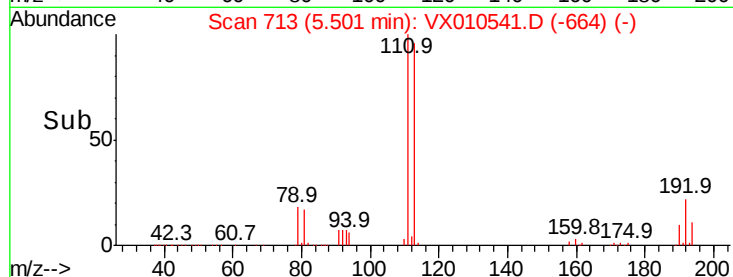
192 22.5 18.6 27.8



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



#39

Methylcyclohexane

Concen: 1.618 ug/l

RT: 7.47 min Scan# 1036

Delta R.T. 0.01 min

Lab File: VX010541.D

Acq: 28 Jun 2019 17:44

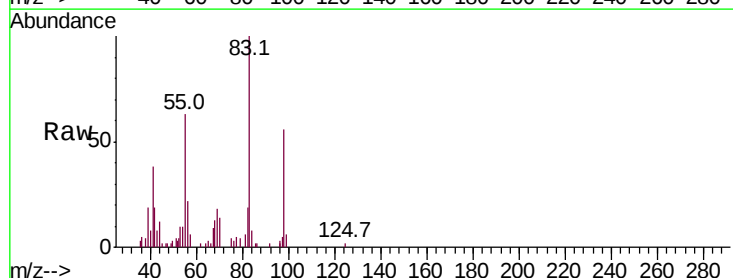
Tgt Ion: 83 Resp: 6343

Ion Ratio Lower Upper

83 100

55 60.9 53.0 79.6

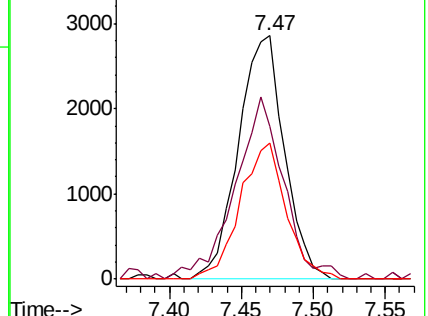
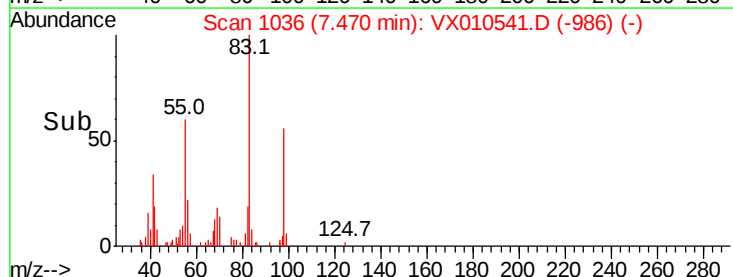
98 56.1 37.8 56.8

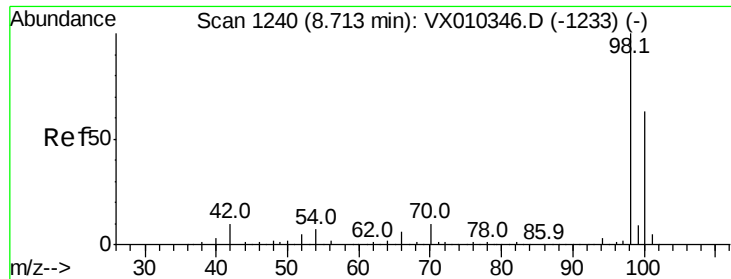


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

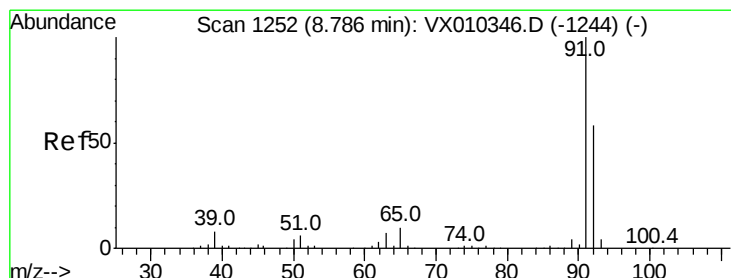
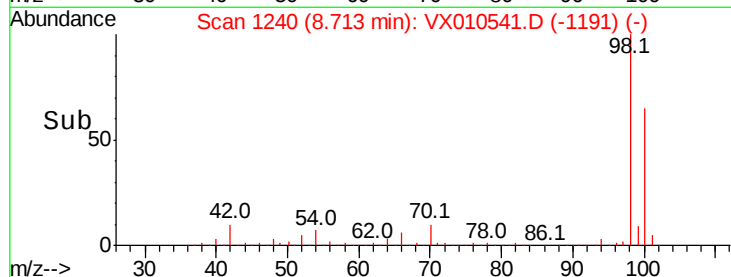
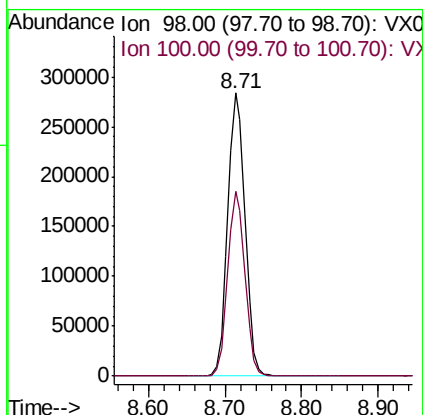
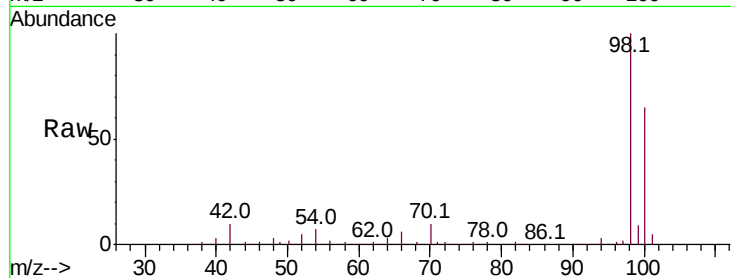




#50
Toluene-d8
Concen: 50.818 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

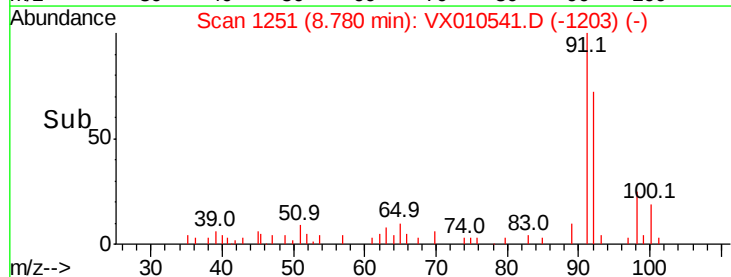
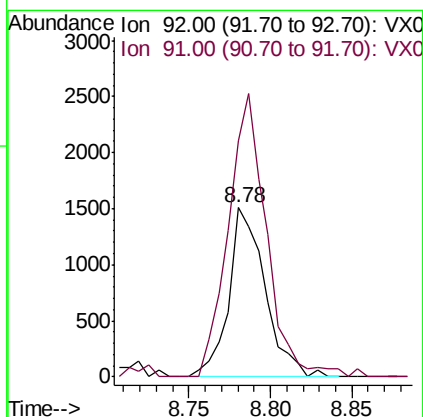
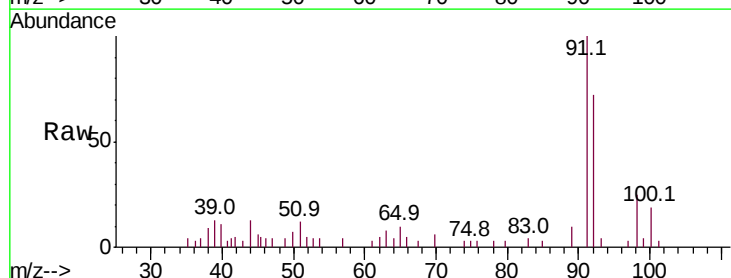
Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

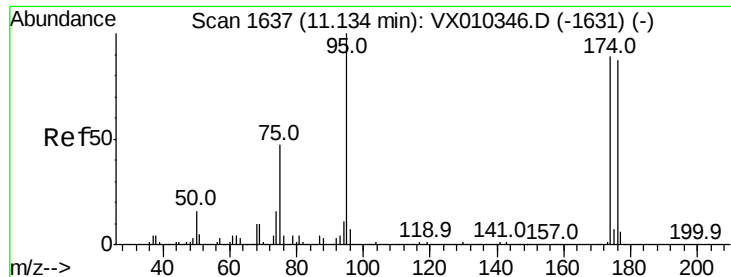
Tot Ion: 98 Resp: 446499
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#52
Toluene
Concen: 0.380 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion: 92 Resp: 2327
Ion Ratio Lower Upper
92 100
91 177.1 139.8 209.6

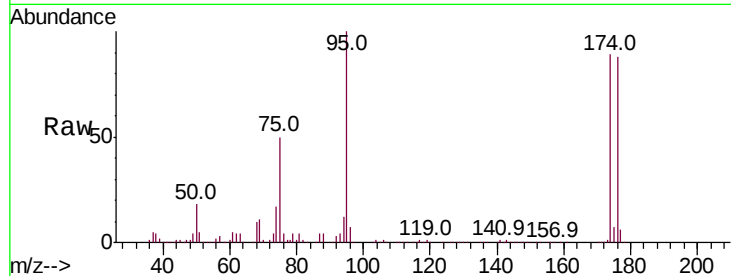




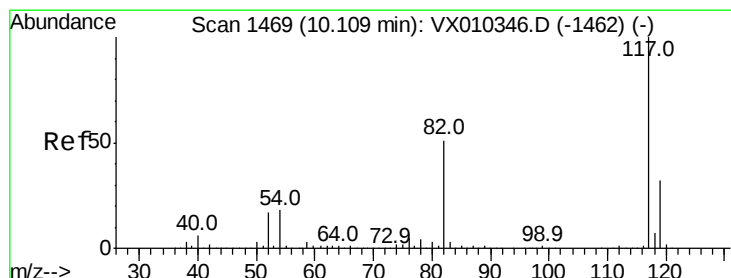
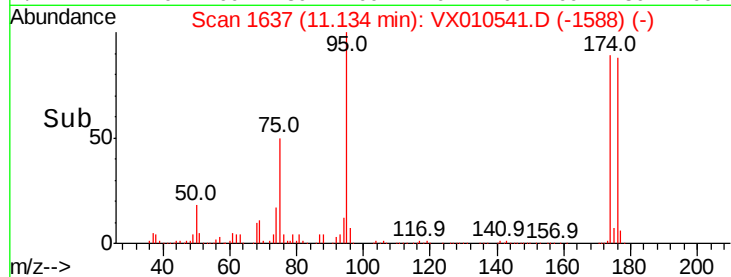
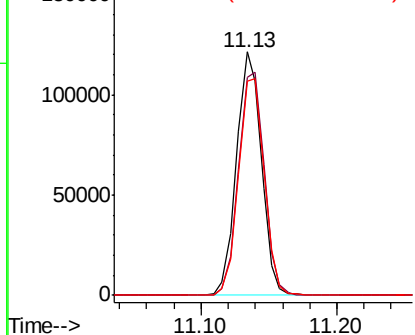
#62
4-Bromofluorobenzene
Concen: 48.776 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tot Ion: 95 Resp: 154722
Ion Ratio Lower Upper
95 100
174 94.7 0.0 187.6
176 92.1 0.0 184.0

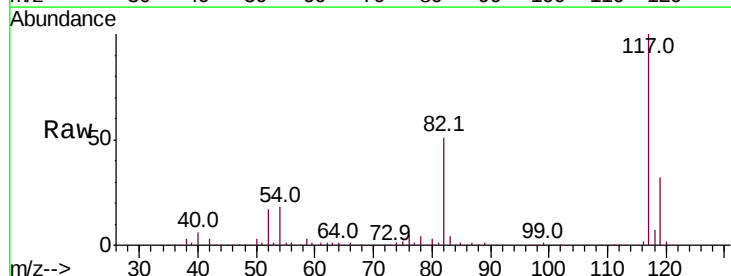


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

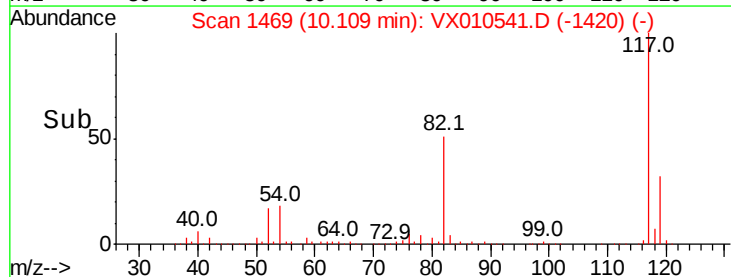
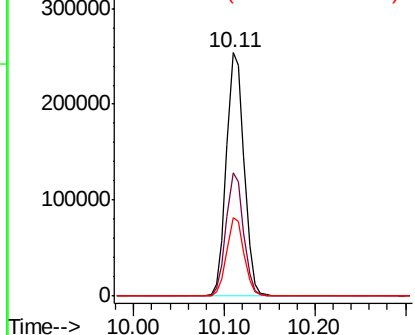


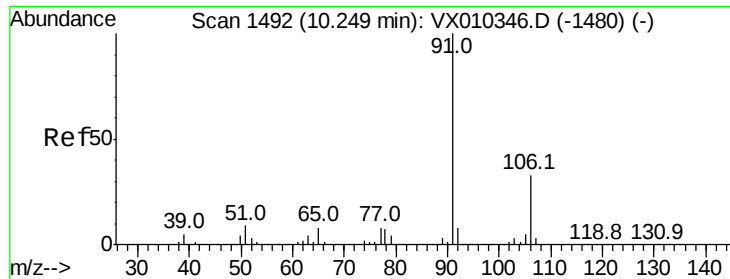
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion: 117 Resp: 345890
Ion Ratio Lower Upper
117 100
82 50.6 41.2 61.8
119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

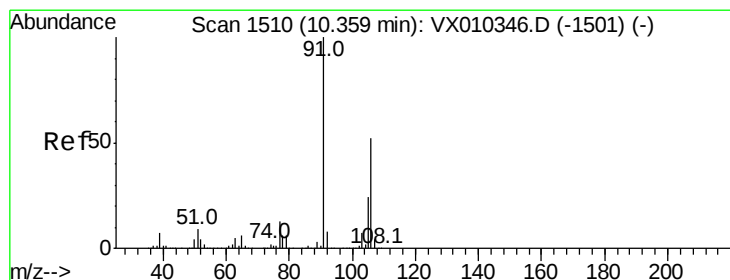
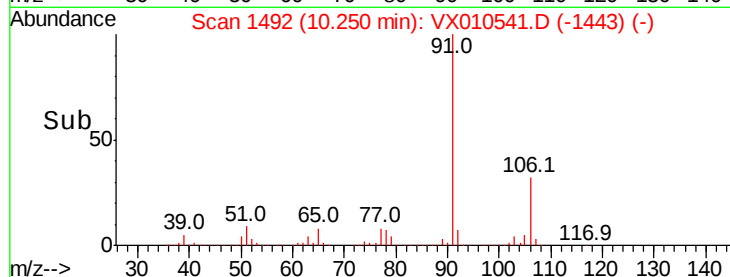
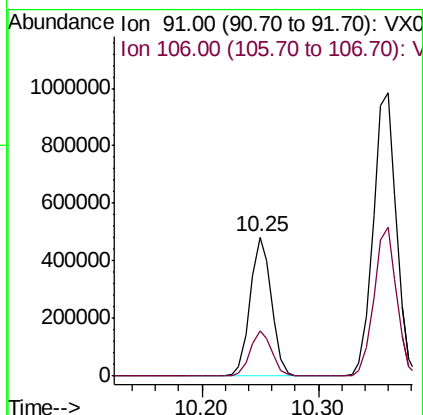
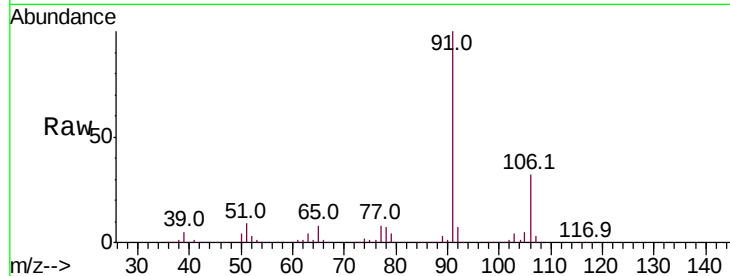




#67
Ethyl Benzene
Concen: 52.103 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

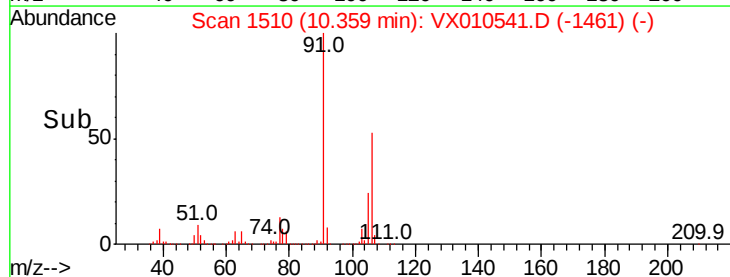
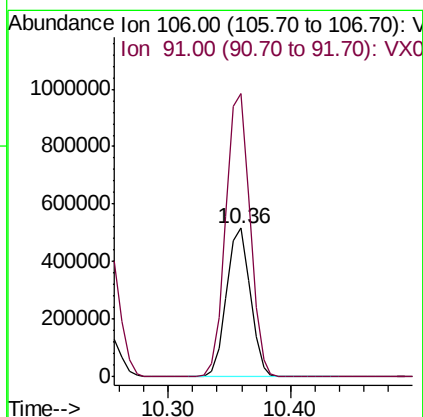
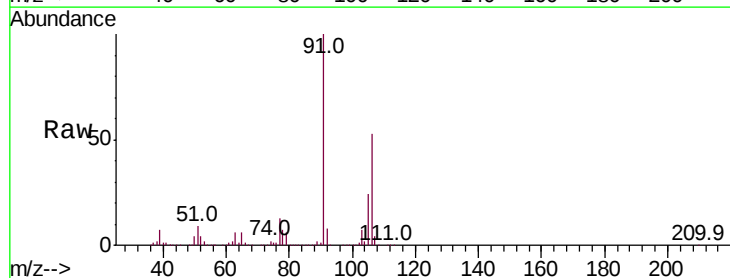
Instrument :
MSVOA_X
ClientSampled :
FL-0576DL

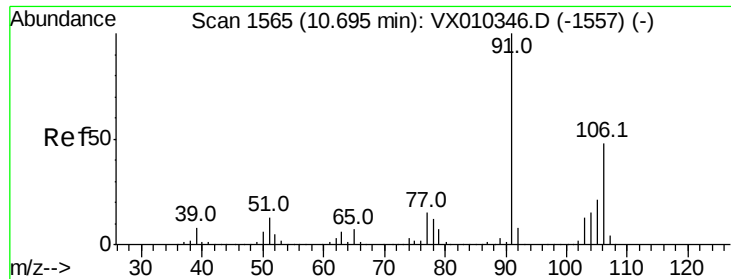
Tot Ion: 91 Resp: 617680
Ion Ratio Lower Upper
91 100
106 32.4 26.2 39.2



#68
m/p-Xylenes
Concen: 151.712 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion: 106 Resp: 696895
Ion Ratio Lower Upper
106 100
91 194.0 155.3 232.9

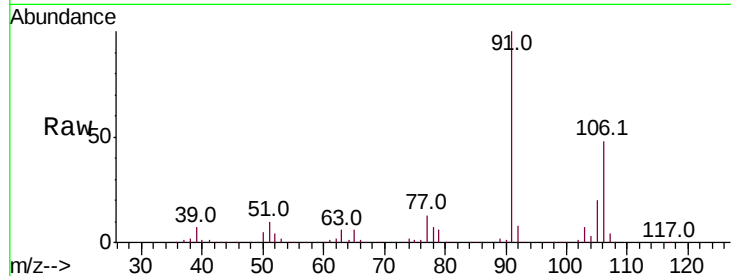




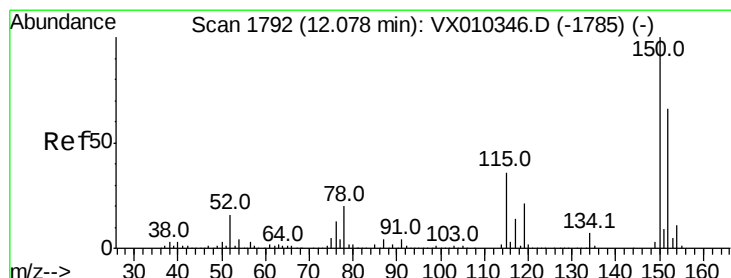
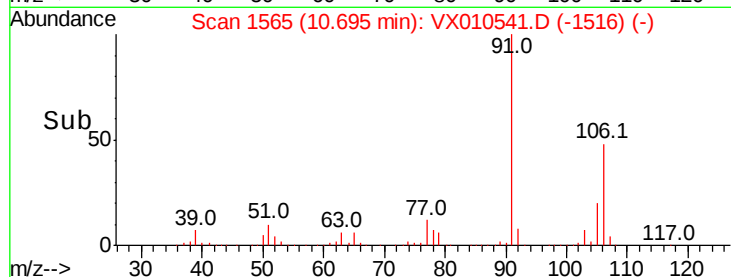
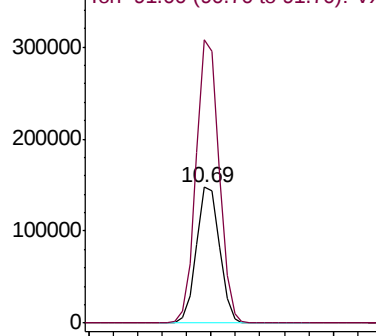
#69
o-Xylene
Concen: 42.981 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tot Ion:106 Resp: 194157
Ion Ratio Lower Upper
106 100
91 205.9 102.7 308.1

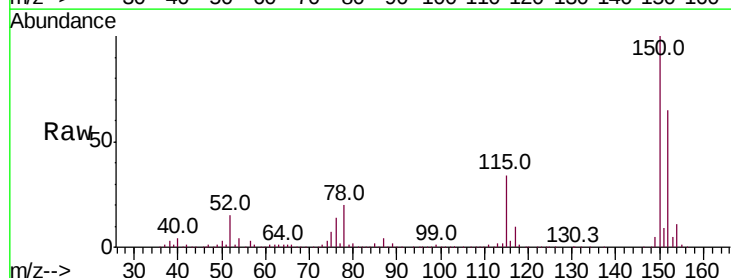


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

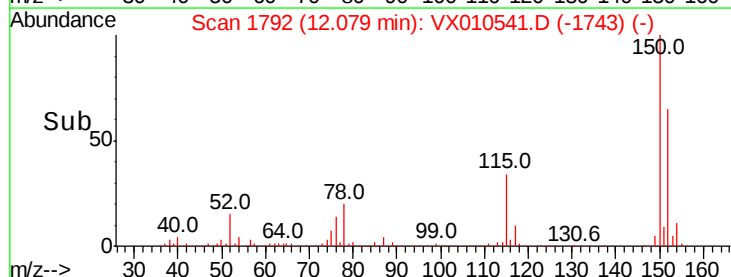
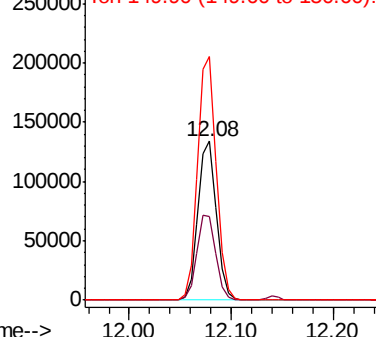


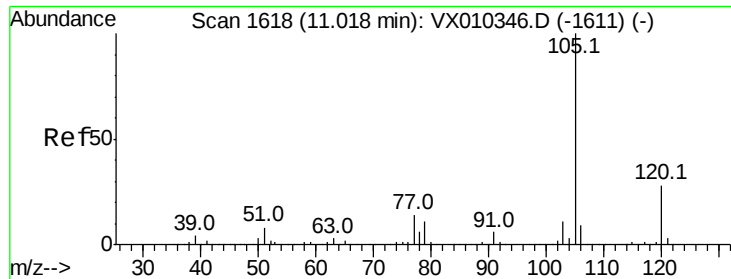
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Tgt Ion:152 Resp: 166252
Ion Ratio Lower Upper
152 100
115 54.8 38.6 115.7
150 155.5 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: 6.068 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010541.D

Acq: 28 Jun 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

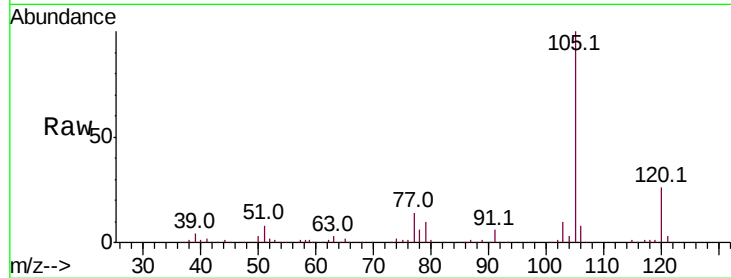
FL-0576DL

Tot Ion:105 Resp: 68385

Ion Ratio Lower Upper

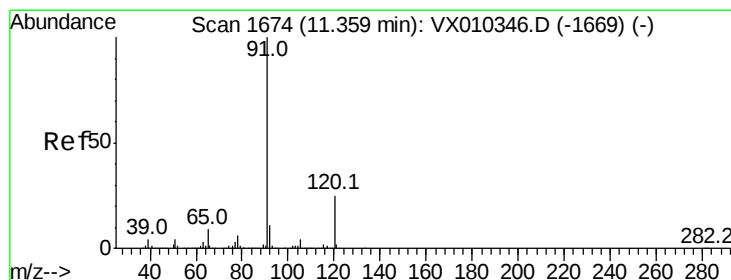
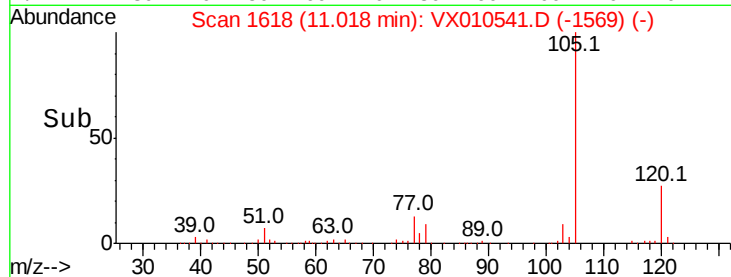
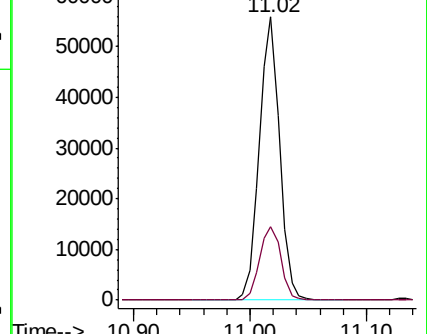
105 100

120 27.3 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: 5.181 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010541.D

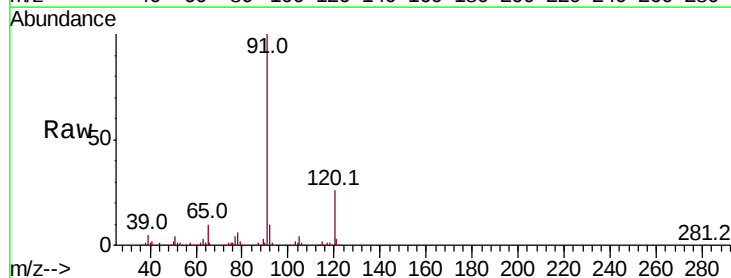
Acq: 28 Jun 2019 17:44

Tgt Ion: 91 Resp: 64173

Ion Ratio Lower Upper

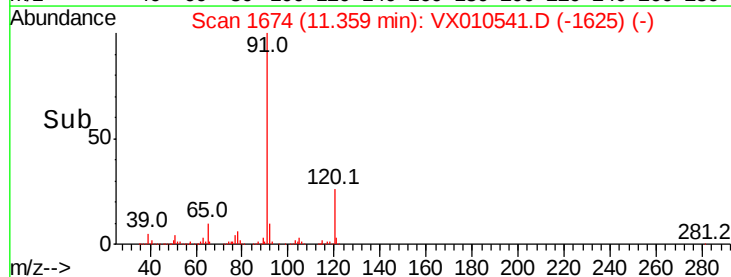
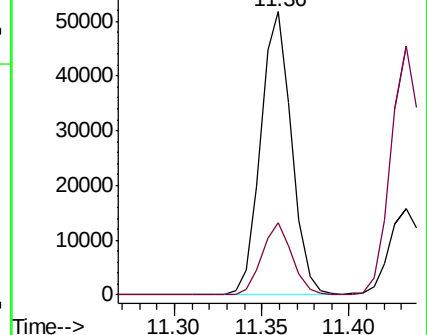
91 100

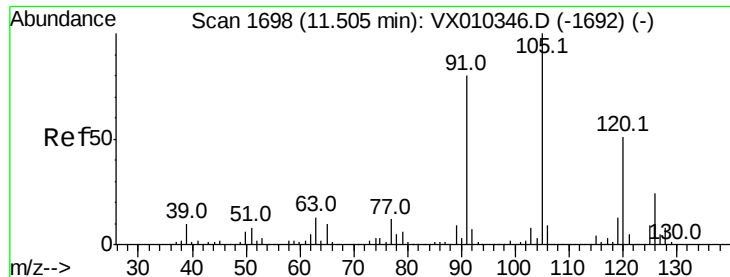
120 25.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

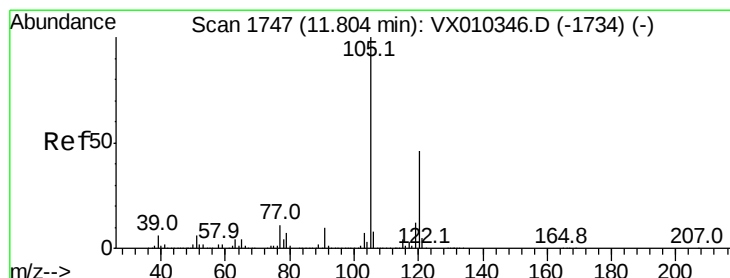
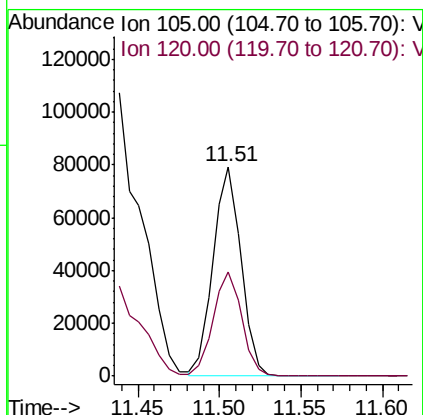
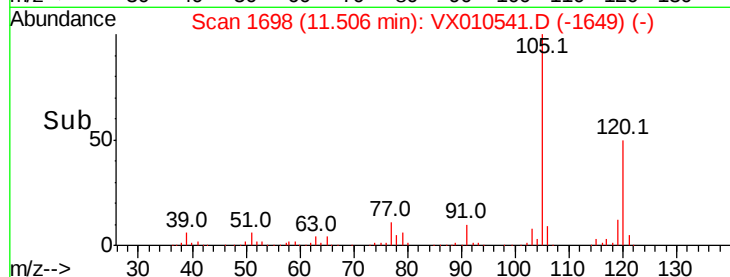
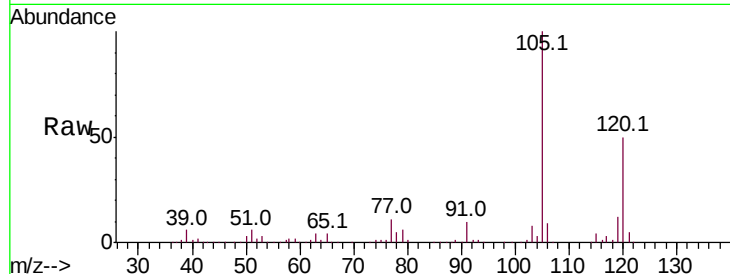




#80
 1,3,5-Trimethylbenzene
 Concen: 10.247 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010541.D
 Acq: 28 Jun 2019 17:44

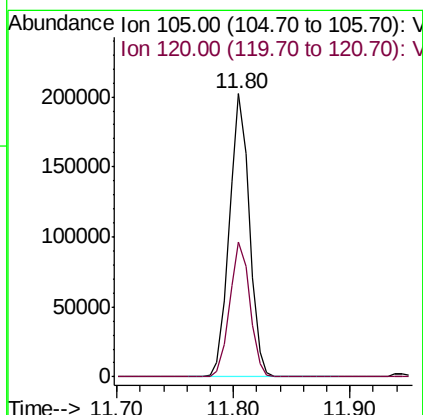
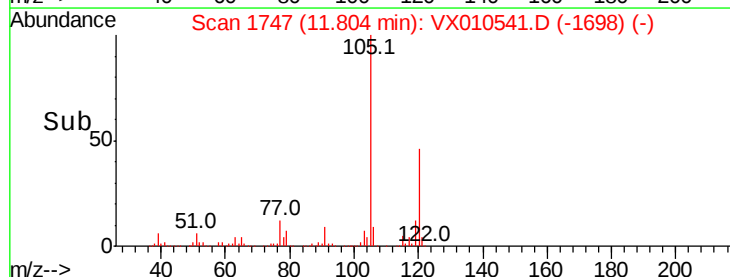
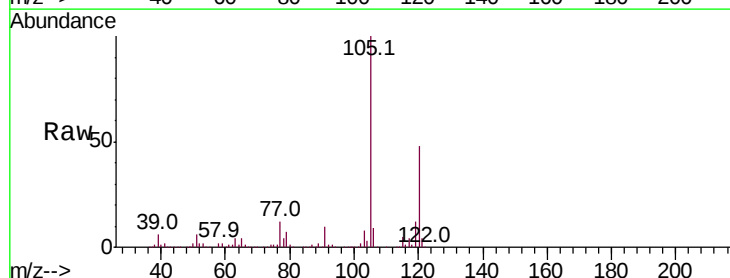
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0576DL

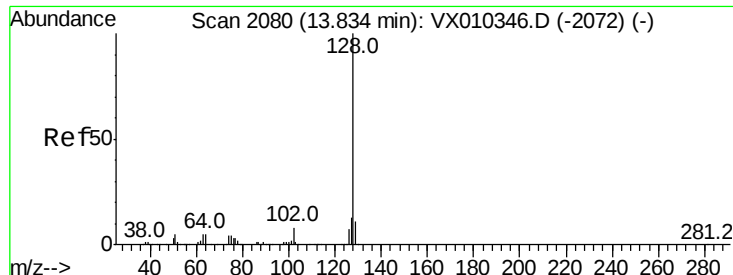
Tot Ion:105 Resp: 95205
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.2 75.6



#84
 1,2,4-Trimethylbenzene
 Concen: 25.902 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010541.D
 Acq: 28 Jun 2019 17:44

Tgt Ion:105 Resp: 241771
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.1 69.2





#95
Naphthalene
Concen: 9.166 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010541.D
Acq: 28 Jun 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0576DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.9	8.9	13.3

