

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004895.D
 Acq On : 02 Oct 2018 03:04
 Operator : JC/MD
 Sample : J5041-03DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0251DL

Quant Time: Oct 03 13:23:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

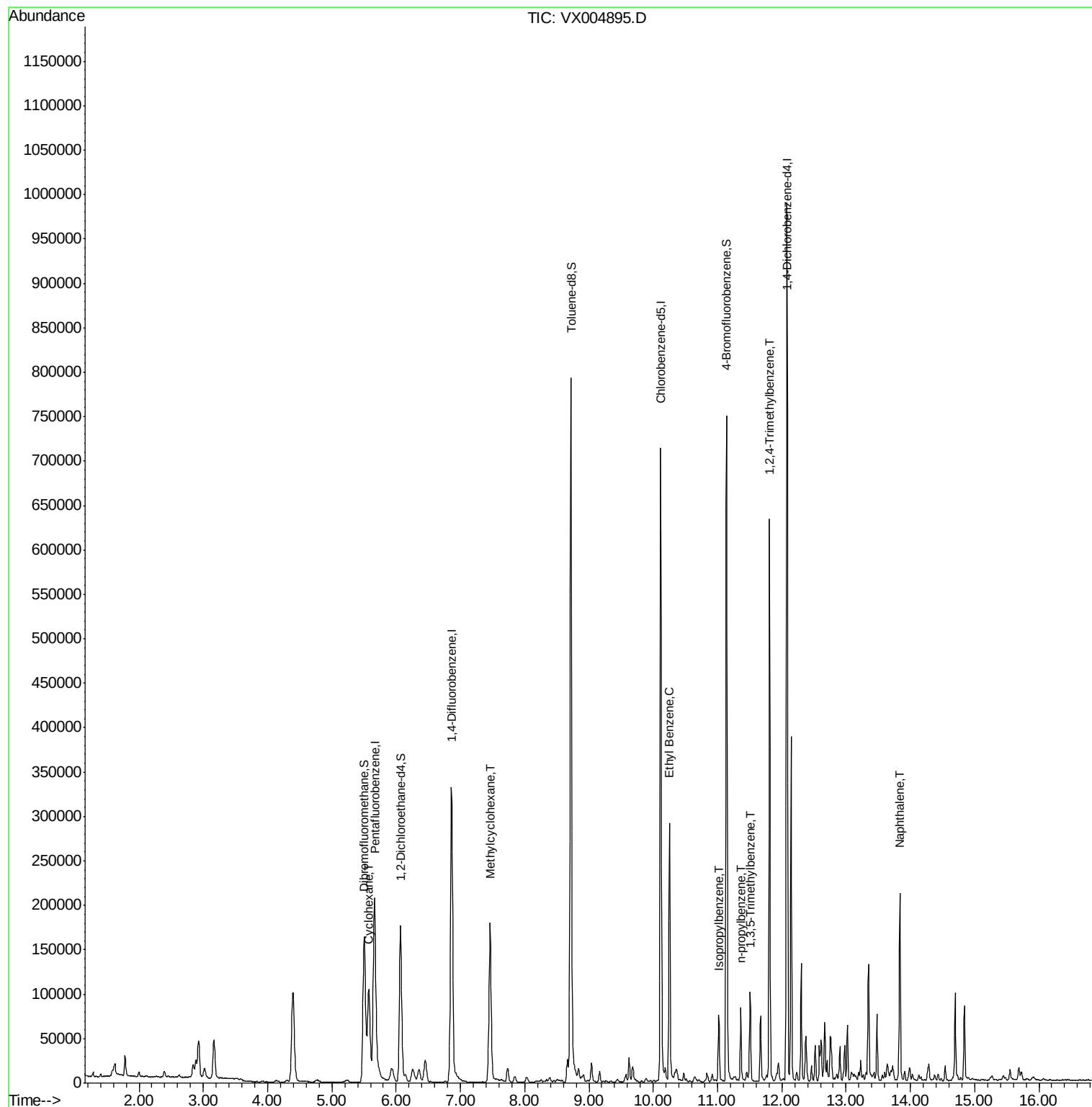
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	220076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351399	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167119	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
35) Dibromofluoromethane	5.50	113	139228	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
50) Toluene-d8	8.72	98	520253	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	11.14	95	191882	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	67205	16.801	ug/l	95
39) Methylcyclohexane	7.46	83	76522	18.443	ug/l	93
67) Ethyl Benzene	10.26	91	178172	12.662	ug/l	98
73) Isopropylbenzene	11.02	105	36183	2.824	ug/l	99
78) n-propylbenzene	11.36	91	48741	3.315	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	41919	3.385	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	275150	22.609	ug/l	98
95) Naphthalene	13.83	128	124784	7.992	ug/l	99

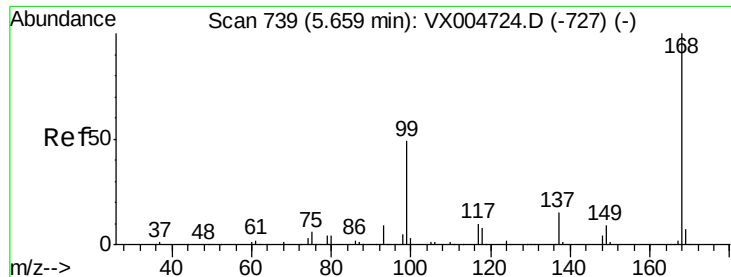
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 03 13:23:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004895.D

Acq: 02 Oct 2018 03:04

Instrument :

MSVOA_X

ClientSampleId :

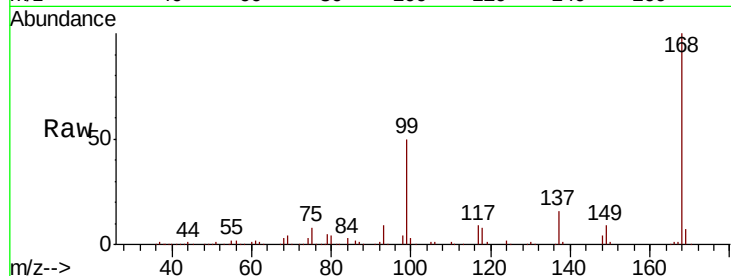
S13-0251DL

Tot Ion:168 Resp: 220076

Ion Ratio Lower Upper

168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

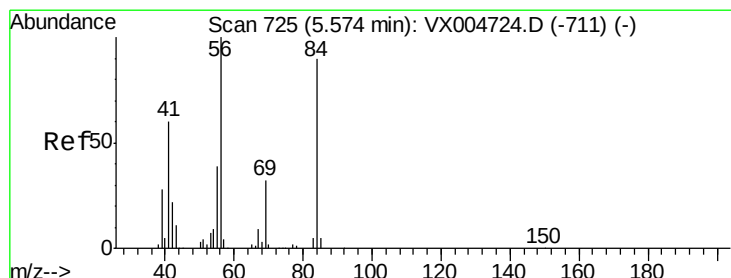
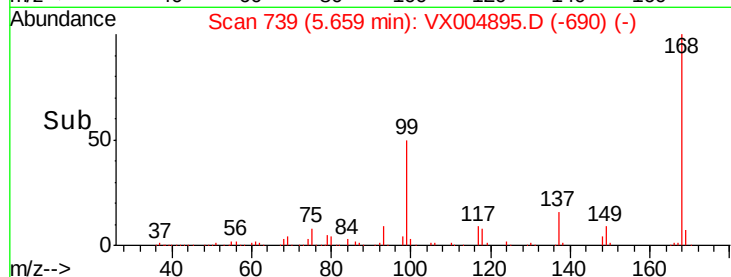
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 16.801 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004895.D

Acq: 02 Oct 2018 03:04

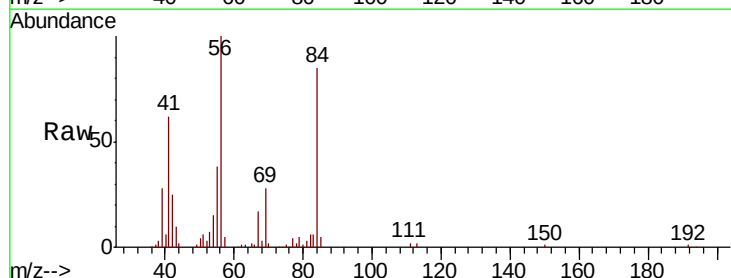
Tgt Ion: 56 Resp: 67205

Ion Ratio Lower Upper

56 100

69 28.3 25.4 38.2

84 84.8 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

5.57

25000

20000

15000

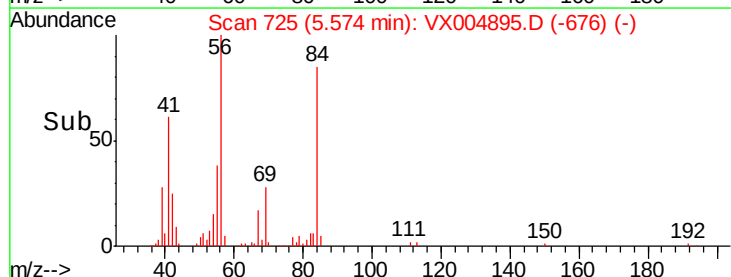
10000

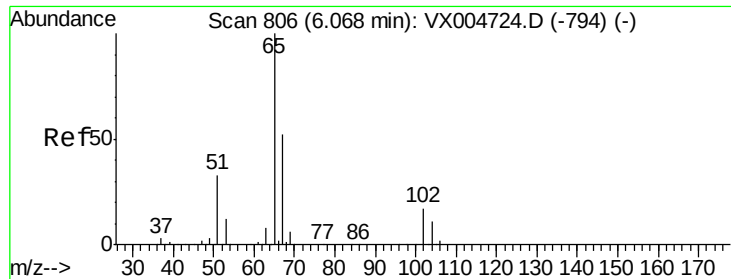
5000

0

Time-->

5.50 5.60





#33

1,2-Dichloroethane-d4

Concen: 53.158 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

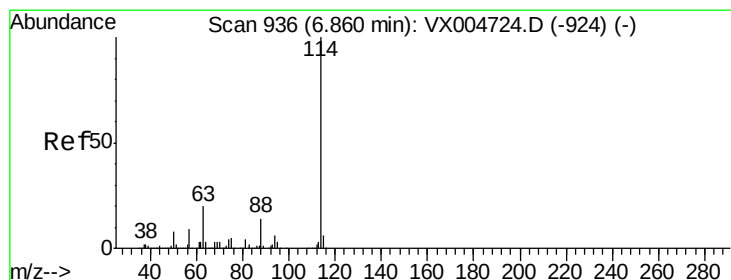
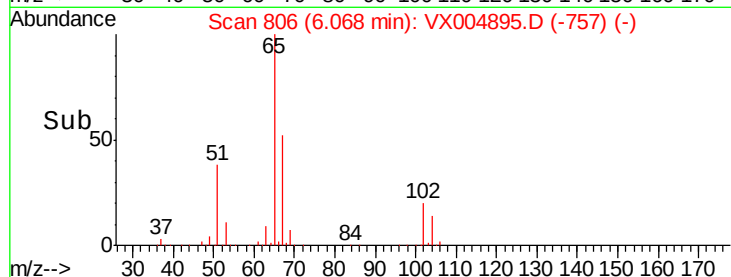
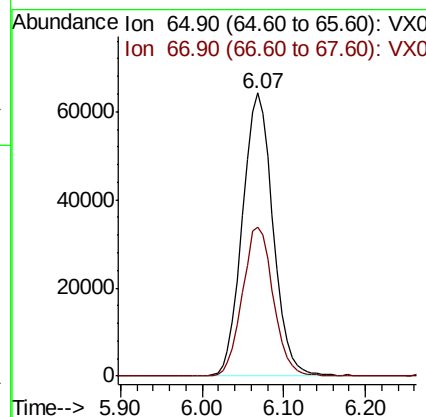
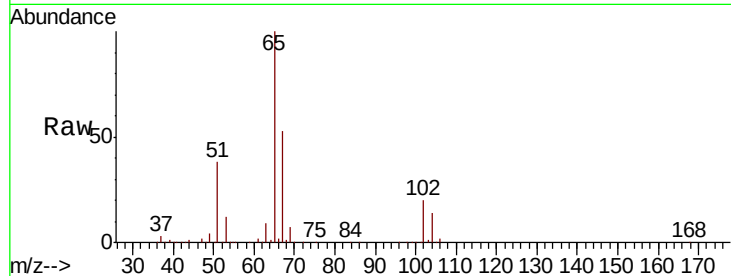
Lab File: VX004895.D

Acq: 02 Oct 2018 03:04

Instrument :
MSVOA_X
ClientSampled :
S13-0251DL

Tot Ion: 65 Resp: 167119

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

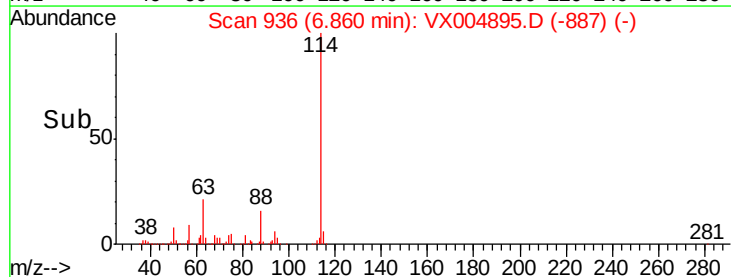
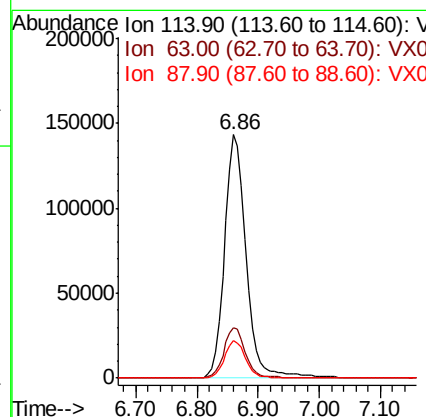
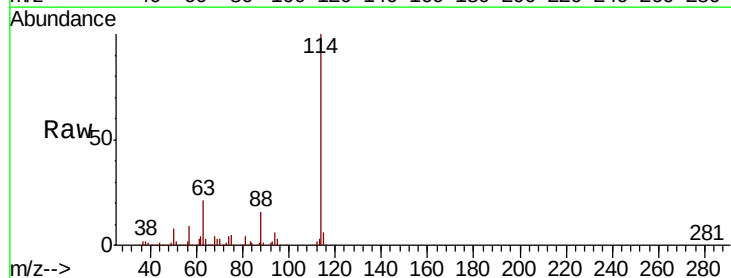
Delta R.T. 0.00 min

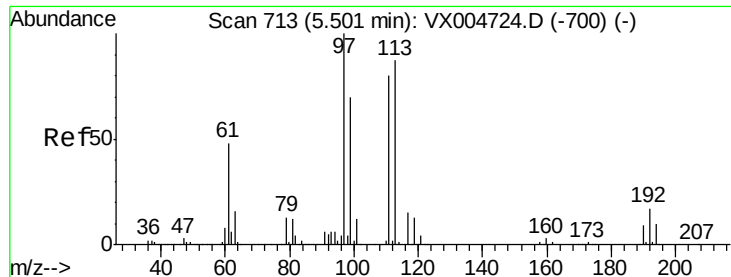
Lab File: VX004895.D

Acq: 02 Oct 2018 03:04

Tgt Ion: 114 Resp: 351399

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.0
88	15.6	0.0	30.4

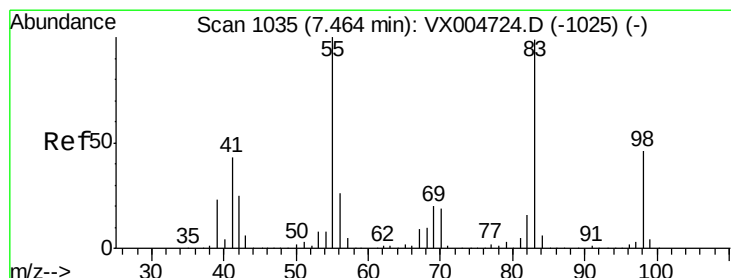
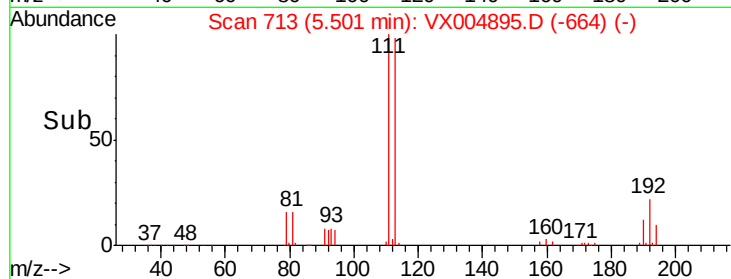
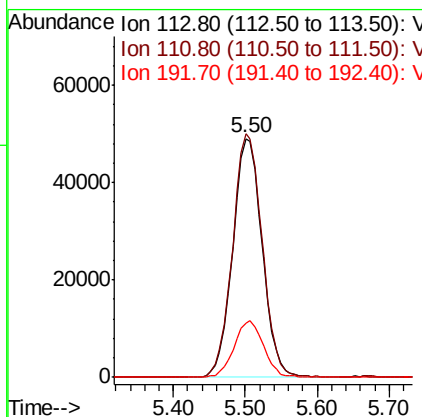
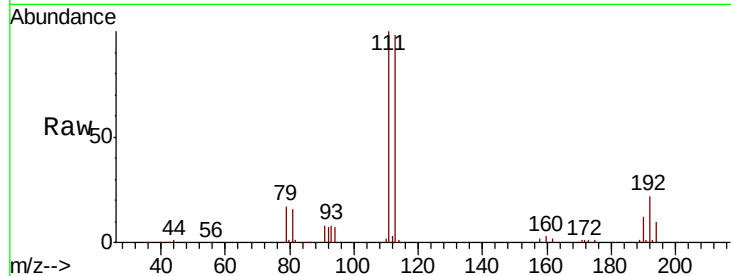




#35
 Dibromofluoromethane
 Concen: 46.750 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004895.D
 Acq: 02 Oct 2018 03:04

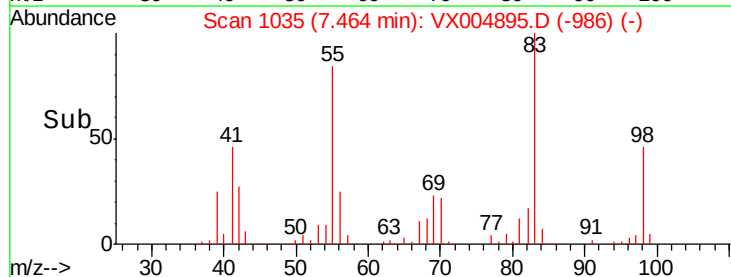
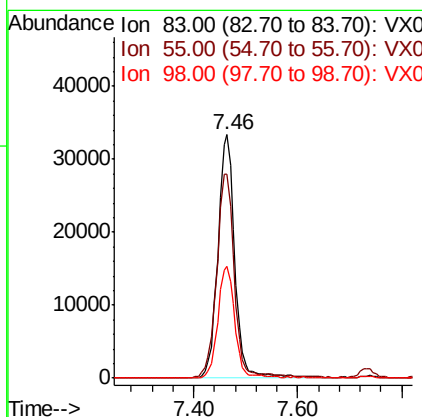
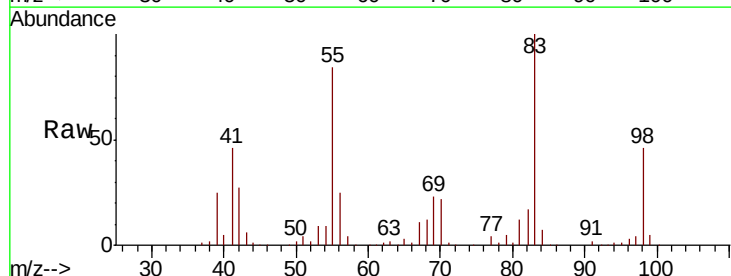
Instrument :
 MSVOA_X
 ClientSampleID :
 S13-0251DL

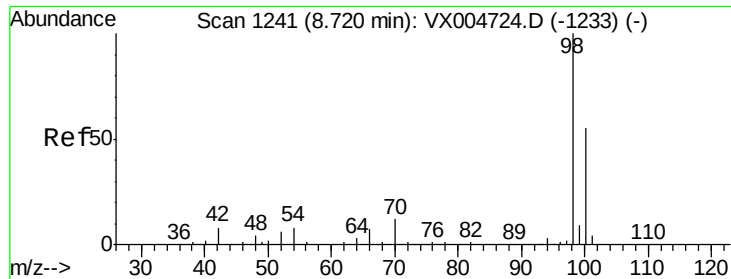
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	23.7	19.4	29.2



#39
 Methylcyclohexane
 Concen: 18.443 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX004895.D
 Acq: 02 Oct 2018 03:04

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.6	61.0	91.4
98	46.2	39.6	59.4

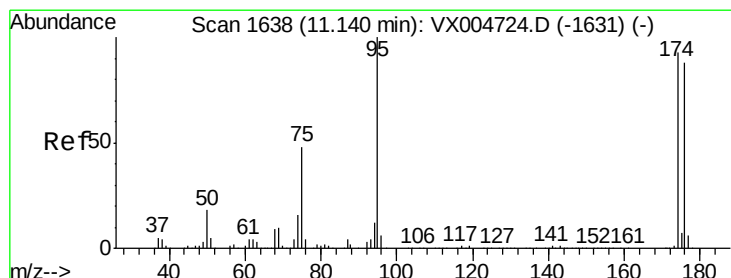
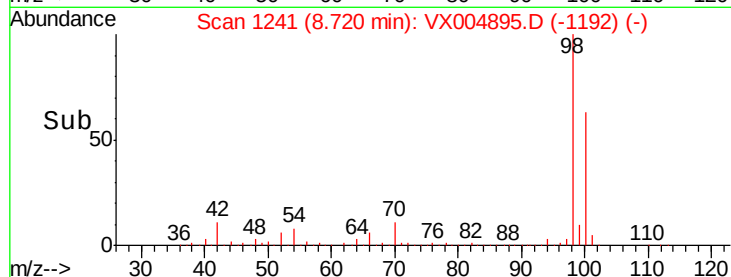
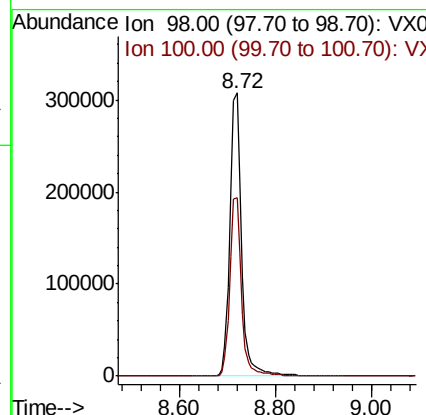
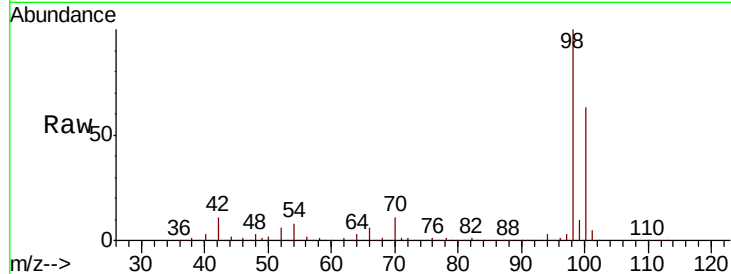




#50
Toluene-d8
Concen: 52.546 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004895.D
Acq: 02 Oct 2018 03:04

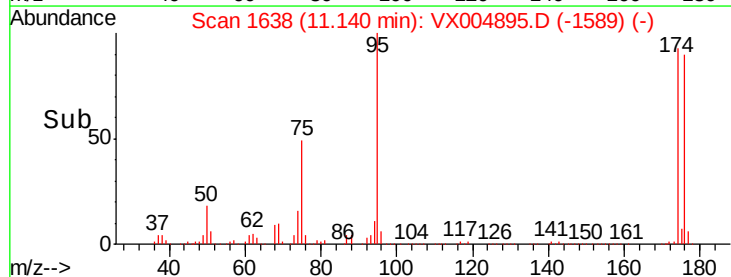
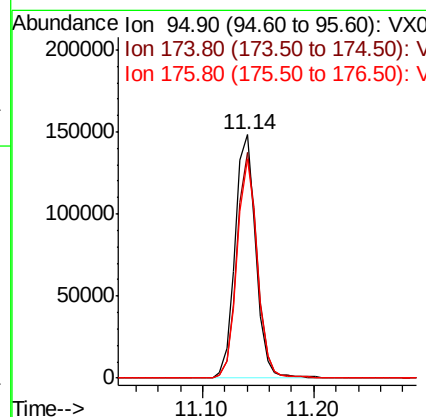
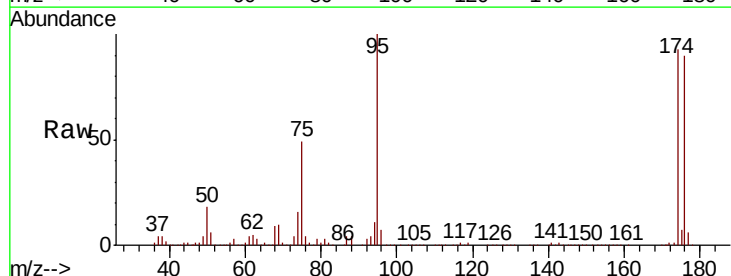
Instrument :
MSVOA_X
ClientSampleId :
S13-0251DL

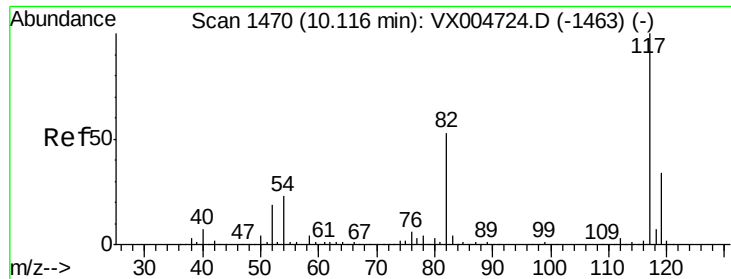
Tot Ion: 98 Resp: 520253
Ion Ratio Lower Upper
98 100
100 62.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 53.796 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004895.D
Acq: 02 Oct 2018 03:04

Tgt Ion: 95 Resp: 191882
Ion Ratio Lower Upper
95 100
174 90.9 0.0 185.2
176 88.1 0.0 178.6

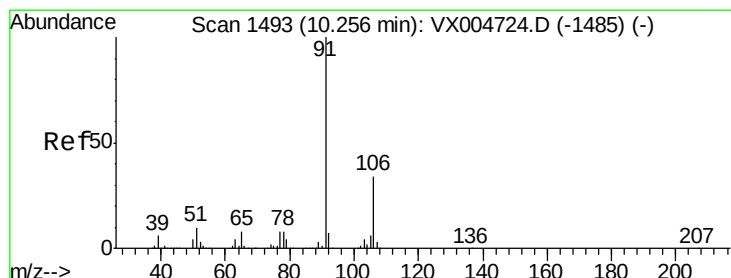
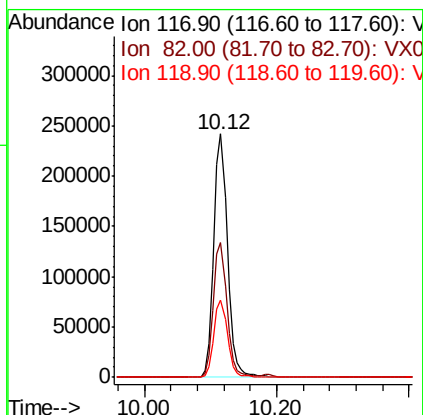
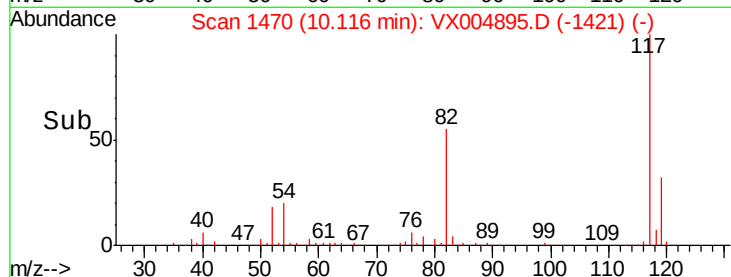
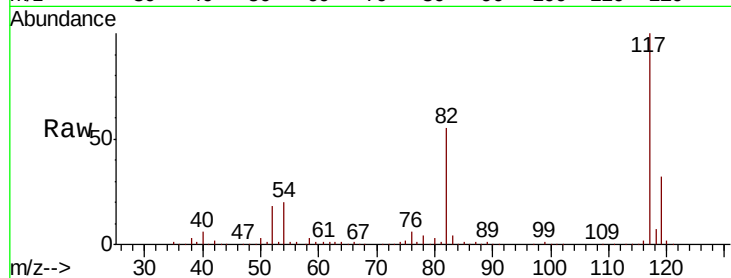




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004895.D
Acq: 02 Oct 2018 03:04

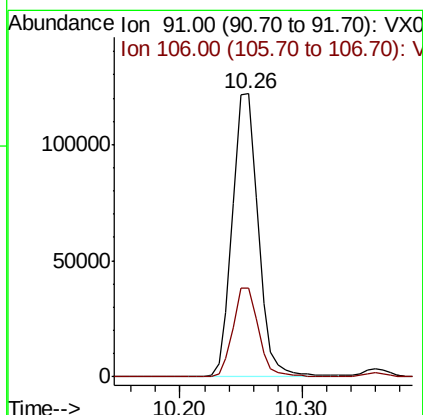
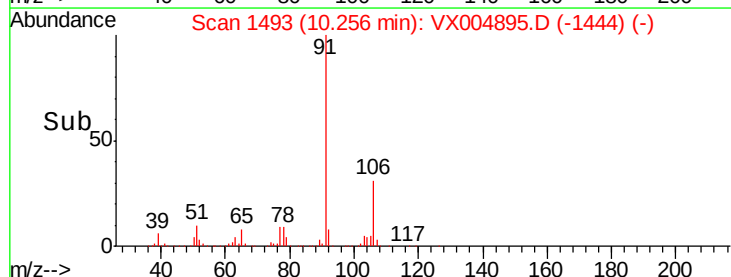
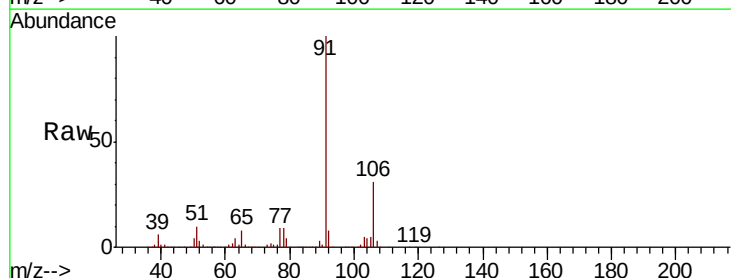
Instrument :
MSVOA_X
ClientSampled :
S13-0251DL

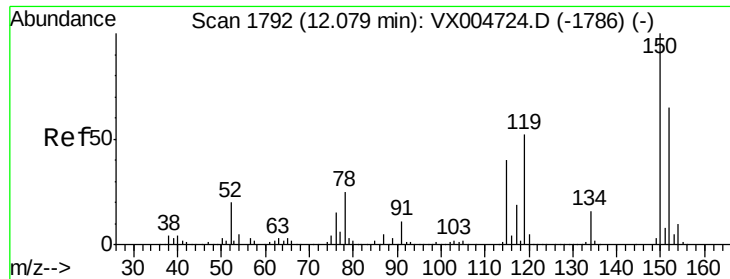
Tot Ion:117 Resp: 345648
Ion Ratio Lower Upper
117 100
82 55.1 47.8 71.6
119 31.6 29.3 43.9



#67
Ethyl Benzene
Concen: 12.662 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004895.D
Acq: 02 Oct 2018 03:04

Tgt Ion: 91 Resp: 178172
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004895.D

Acq: 02 Oct 2018 03:04

Instrument :

MSVOA_X

ClientSampleId :

S13-0251DL

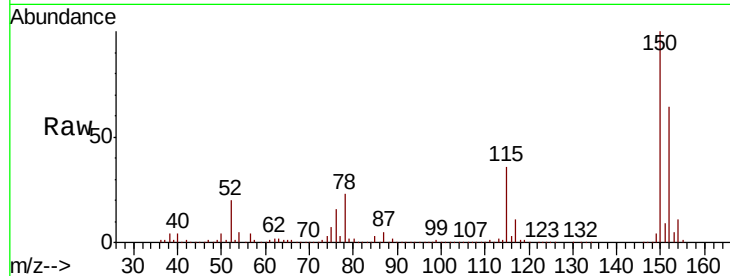
Tot Ion:152 Resp: 203299

Ion Ratio Lower Upper

152 100

115 55.5 39.0 117.0

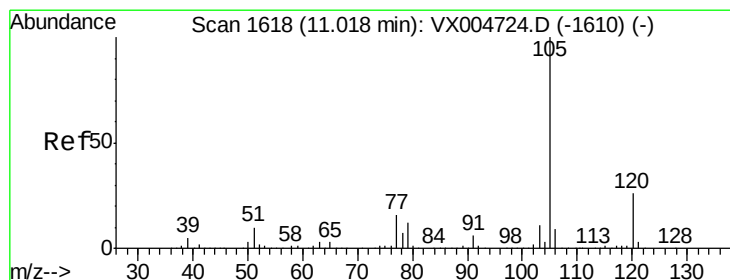
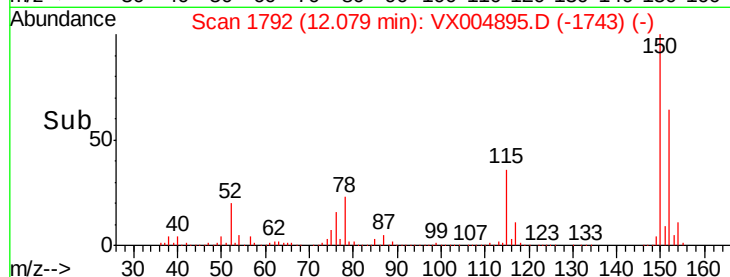
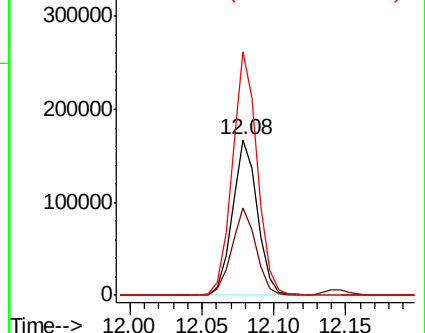
150 156.0 0.0 351.0



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: 2.824 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004895.D

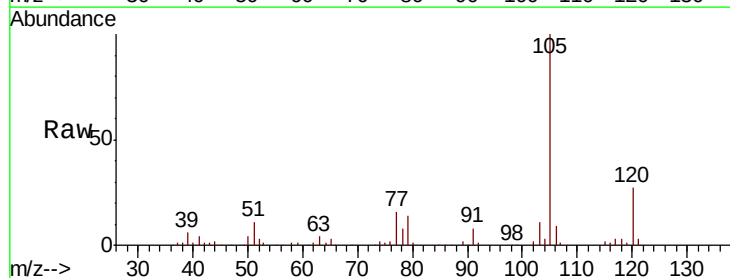
Acq: 02 Oct 2018 03:04

Tgt Ion:105 Resp: 36183

Ion Ratio Lower Upper

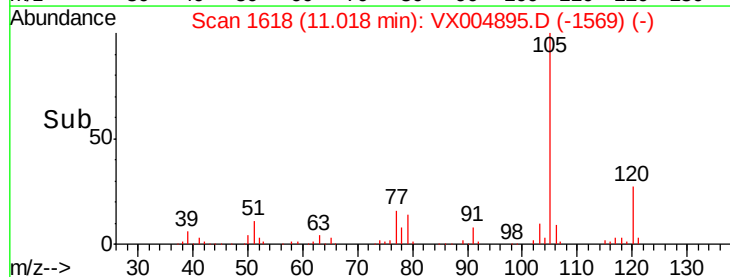
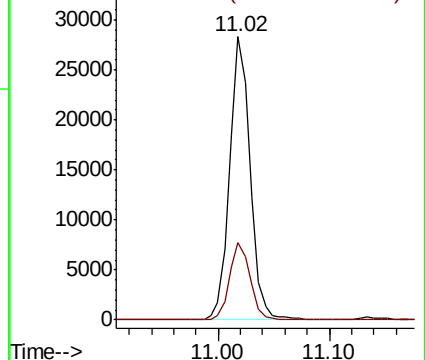
105 100

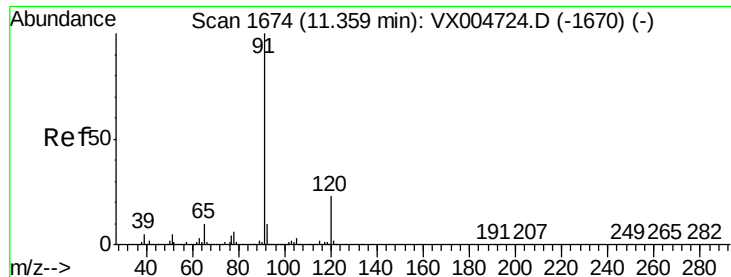
120 27.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.315 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004895.D

Acq: 02 Oct 2018 03:04

Instrument :

MSVOA_X

ClientSampled :

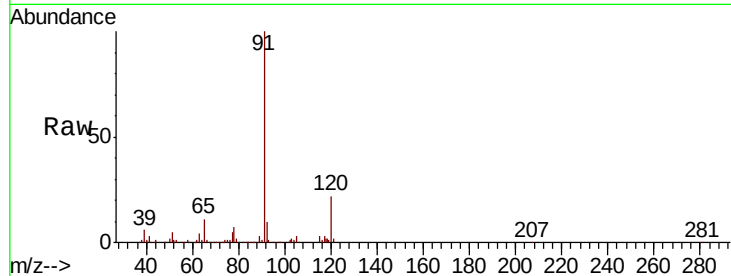
S13-0251DL

Tot Ion: 91 Resp: 48741

Ion Ratio Lower Upper

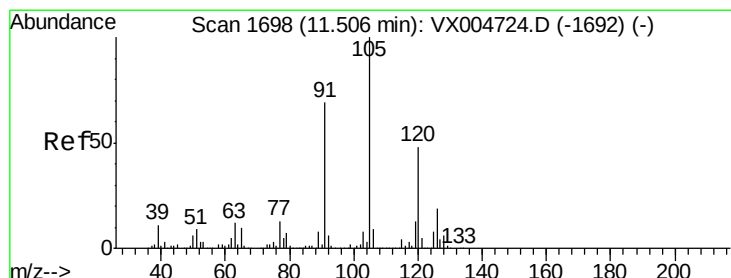
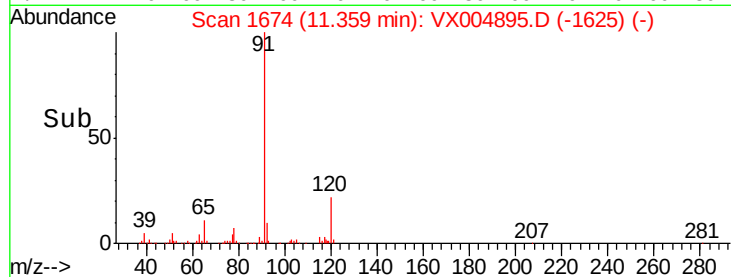
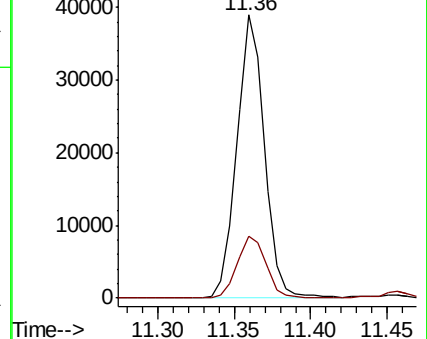
91 100

120 22.8 11.9 35.9



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: 3.385 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004895.D

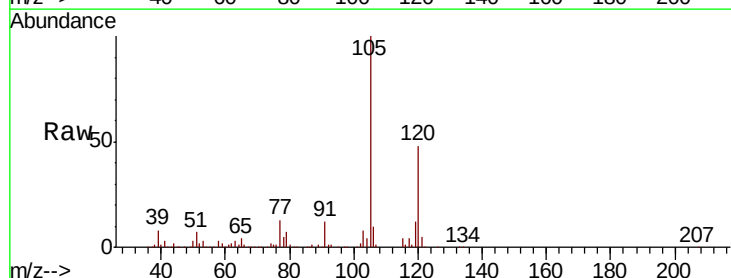
Acq: 02 Oct 2018 03:04

Tgt Ion:105 Resp: 41919

Ion Ratio Lower Upper

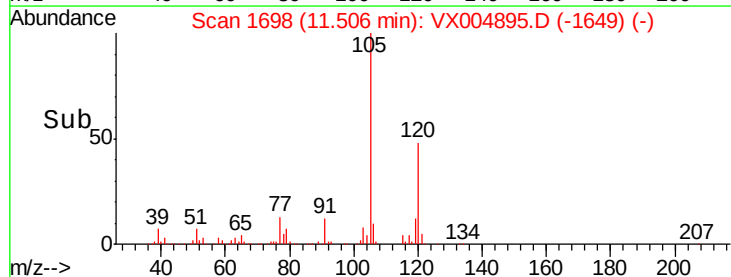
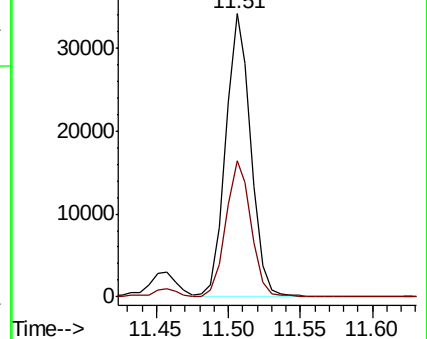
105 100

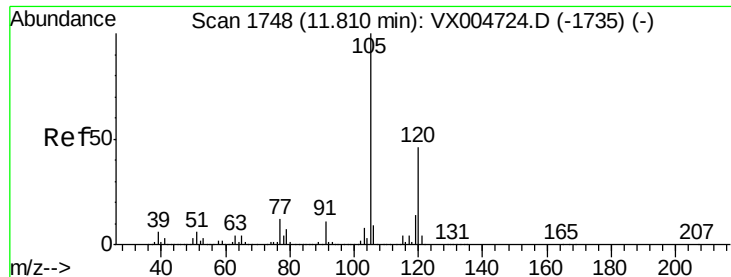
120 48.2 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

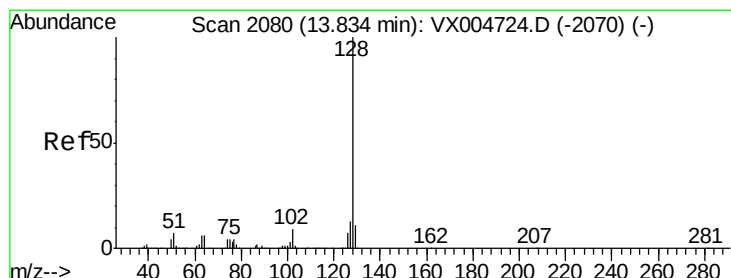
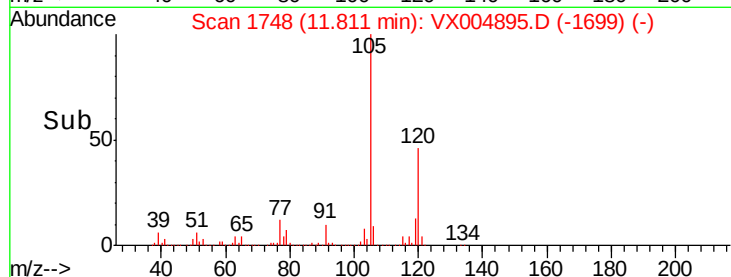
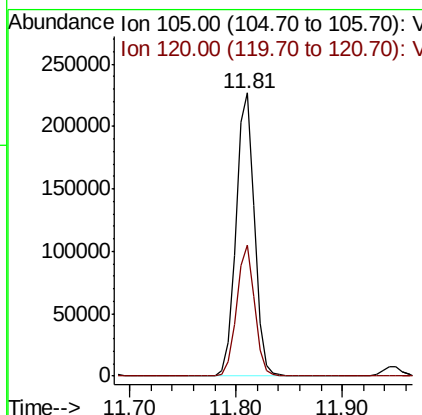
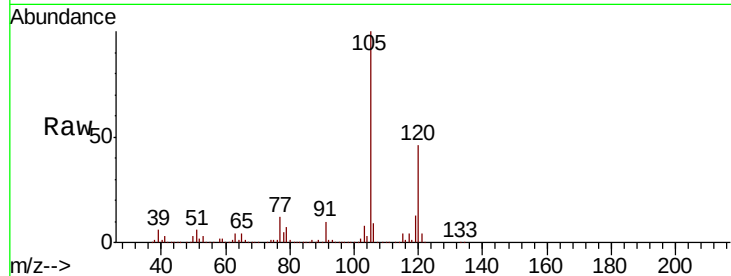




#84
 1,2,4-Trimethylbenzene
 Concen: 22.609 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004895.D
 Acq: 02 Oct 2018 03:04

Instrument :
 MSVOA_X
 ClientSampled :
 S13-0251DL

Tot Ion:105 Resp: 275150
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.2 69.6



#95
 Naphthalene
 Concen: 7.992 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX004895.D
 Acq: 02 Oct 2018 03:04

Tgt Ion:128 Resp: 124784
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.2
 129 11.6 8.6 12.8

