

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092519\
 Data File : VX012656.D
 Acq On : 25 Sep 2019 13:08
 Operator : JC/SP
 Sample : K5019-03 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

Quant Time: Oct 02 07:39:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101869	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	121107	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
35) Dibromofluoromethane	5.49	113	87894	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	8.71	98	345156	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.14	95	124426	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	

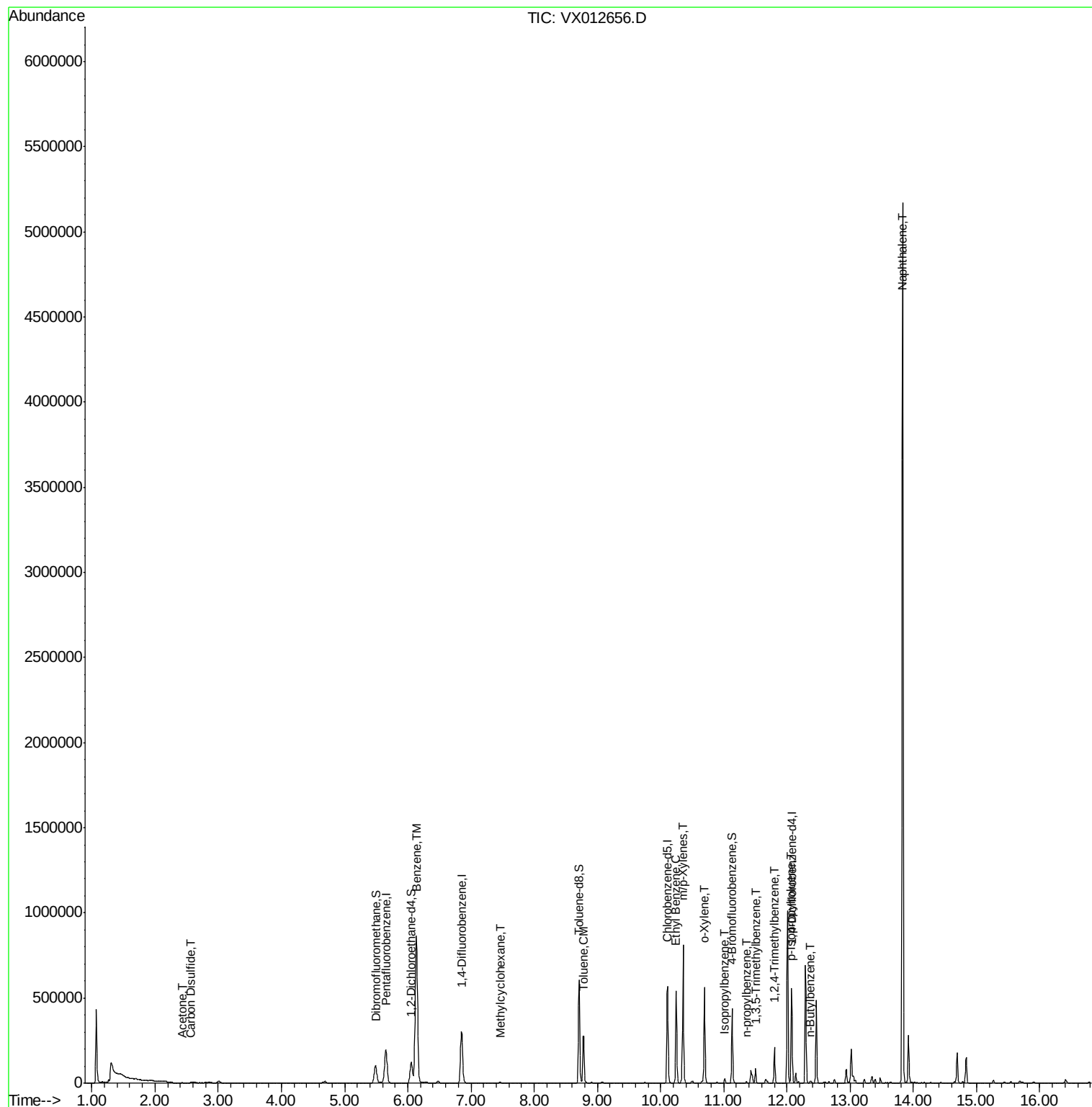
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	2550	1.953	ug/l	91
17) Carbon Disulfide	2.56	76	4920	0.964	ug/l #	92
39) Methylcyclohexane	7.47	83	1825	0.536	ug/l #	66
40) Benzene	6.14	78	1019729	122.583	ug/l	99
52) Toluene	8.78	92	106958	20.457	ug/l	100
67) Ethyl Benzene	10.25	91	314517	33.394	ug/l	97
68) m/p-Xylenes	10.35	106	172559	48.909	ug/l	97
69) o-Xylene	10.70	106	118601	34.740	ug/l	97
73) Isopropylbenzene	11.01	105	12971	1.563	ug/l	97
78) n-propylbenzene	11.35	91	6189	0.663	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	35204	5.060	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	93900	13.379	ug/l	100
86) p-Isopropyltoluene	12.06	119	3509	0.498	ug/l #	80
89) n-Butylbenzene	12.38	91	2658	0.428	ug/l #	60
95) Naphthalene	13.83	128	2915432	390.549	ug/l	100

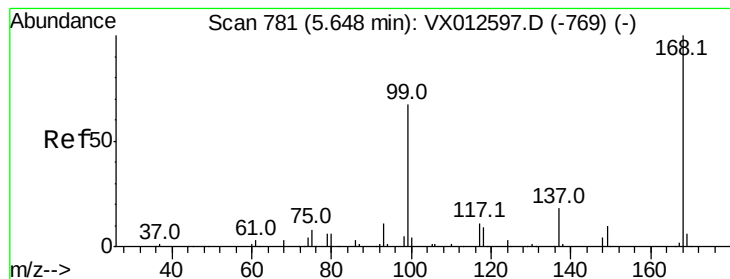
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

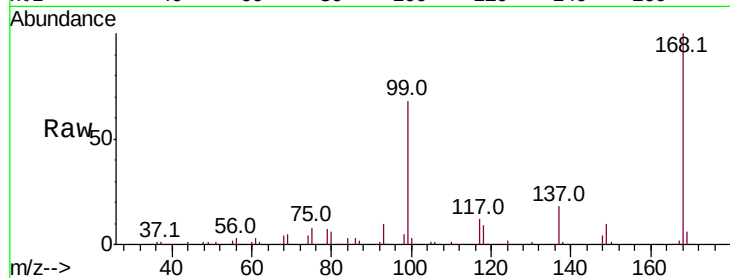
QNWP8-MW26S-GW

Tot Ion:168 Resp: 169313

Ion Ratio Lower Upper

168 100

99 68.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

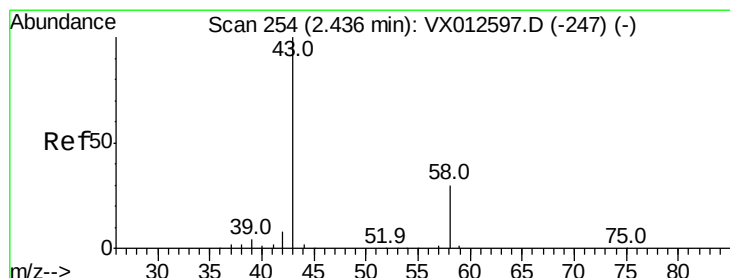
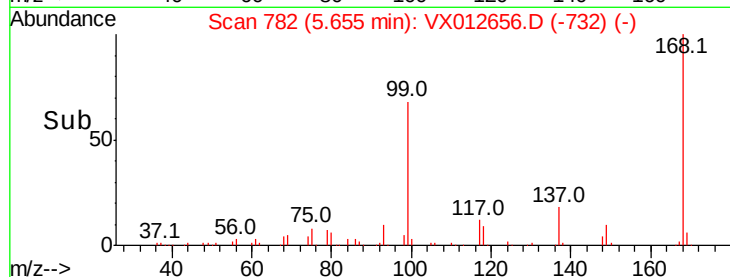
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.953 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012656.D

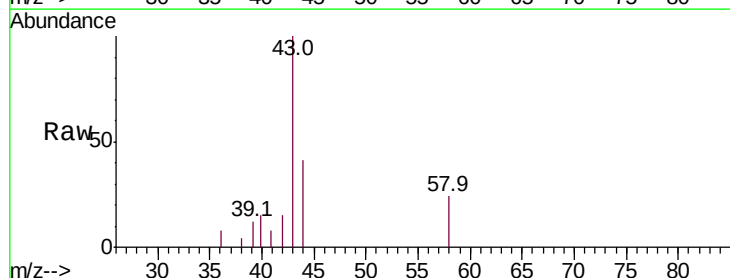
Acq: 25 Sep 2019 13:08

Tgt Ion: 43 Resp: 2550

Ion Ratio Lower Upper

43 100

58 24.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

1500

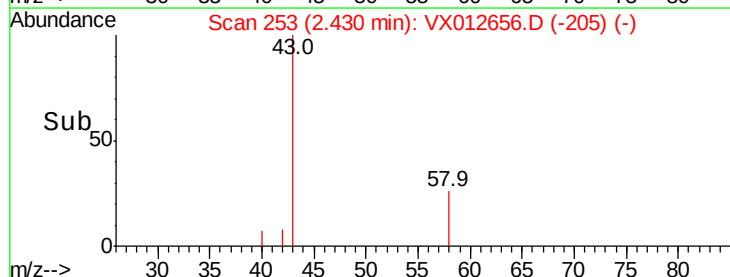
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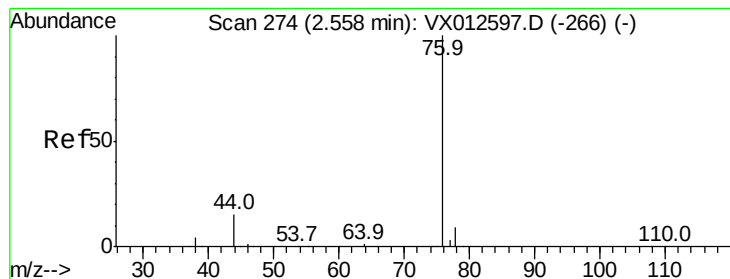
500

0

Time-->

2.40 2.45 2.50





#17

Carbon Disulfide

Concen: 0.964 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

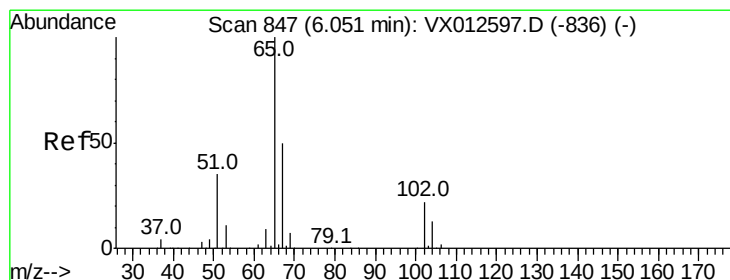
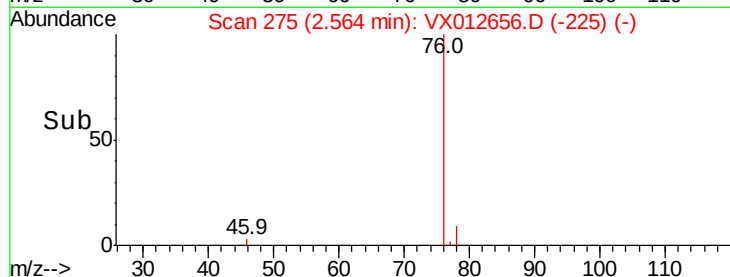
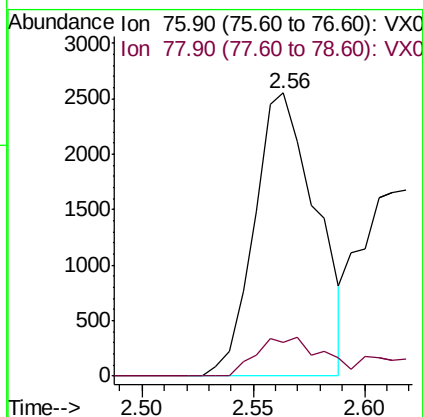
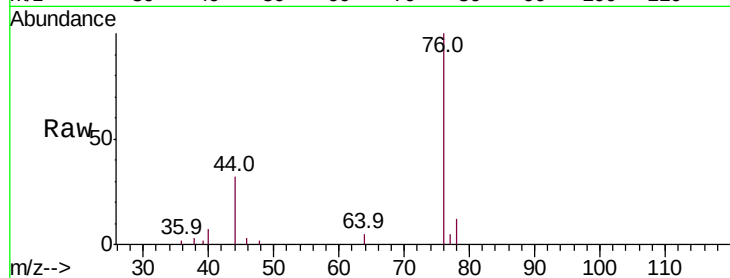
QNWP8-MW26S-GW

Tot Ion: 76 Resp: 4920

Ion Ratio Lower Upper

76 100

78 11.9 7.3 10.9#



#33

1,2-Dichloroethane-d4

Concen: 49.120 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012656.D

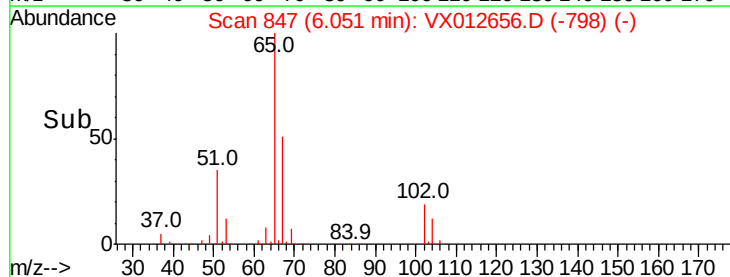
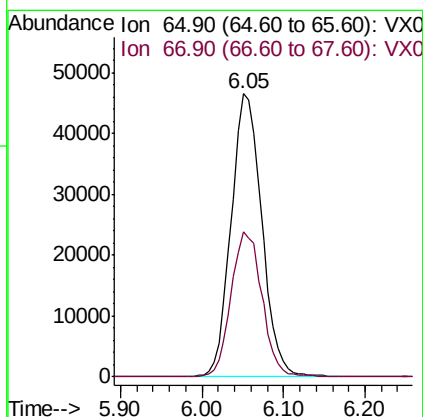
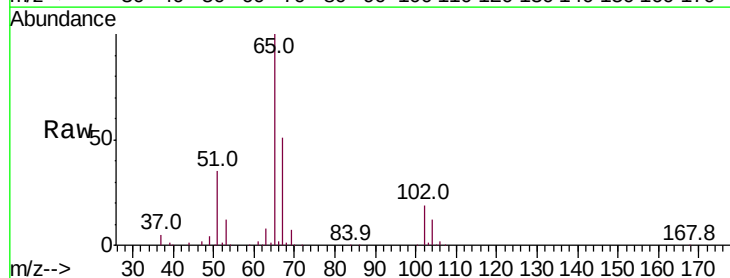
Acq: 25 Sep 2019 13:08

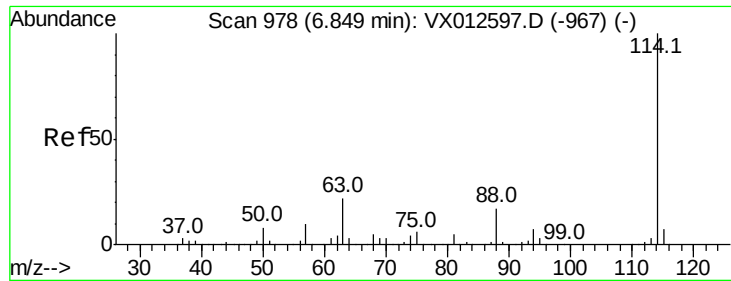
Tgt Ion: 65 Resp: 121107

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.2

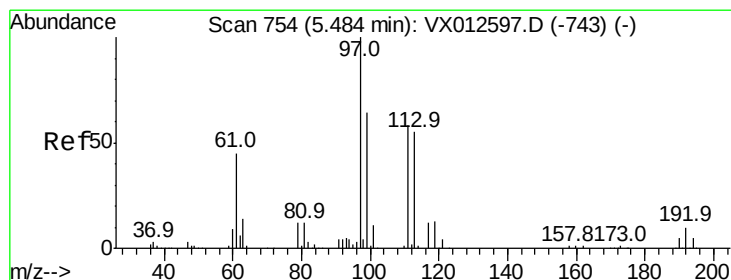
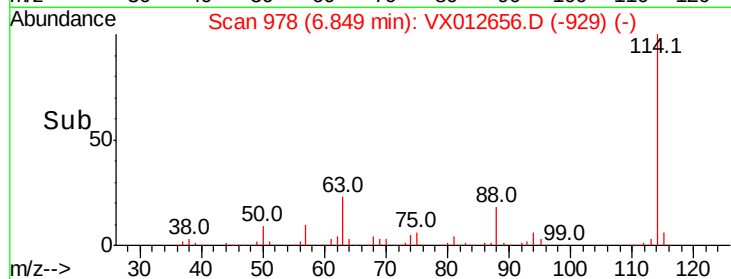
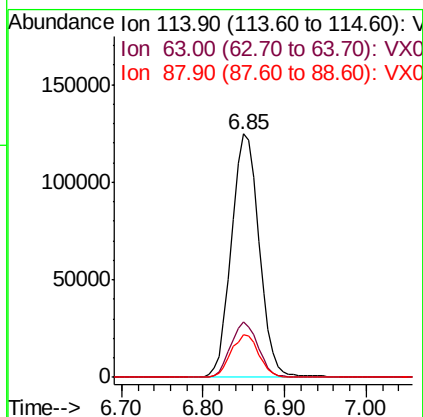
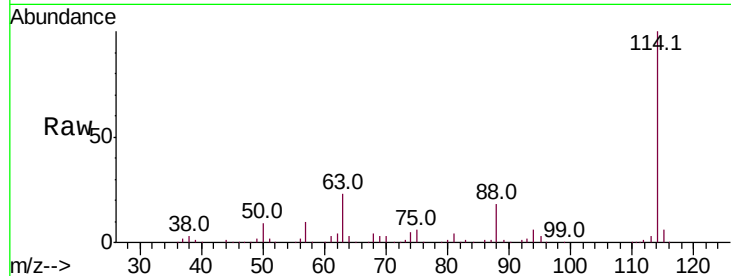




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012656.D
 Acq: 25 Sep 2019 13:08

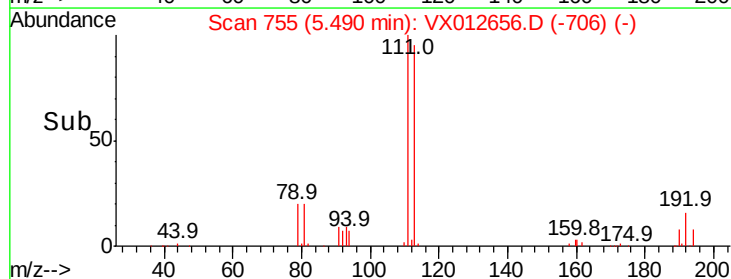
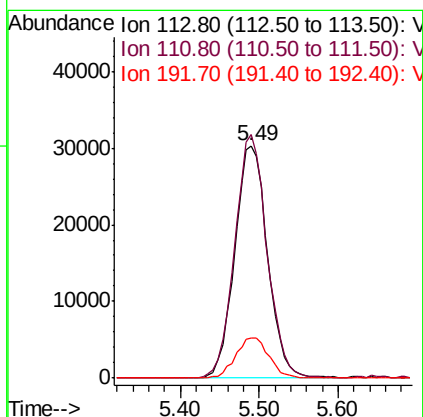
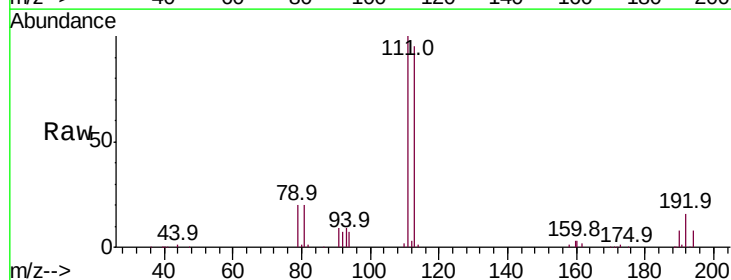
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

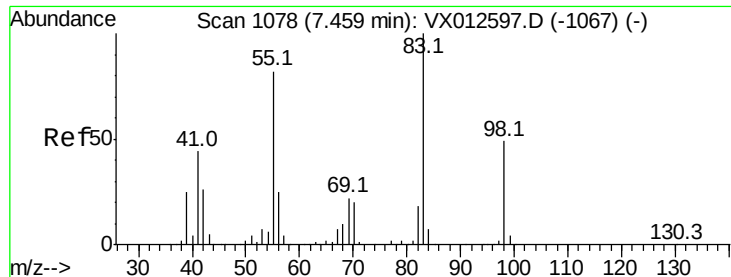
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.2
88	17.6	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 50.316 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012656.D
 Acq: 25 Sep 2019 13:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.4	125.2
192	17.5	14.4	21.6

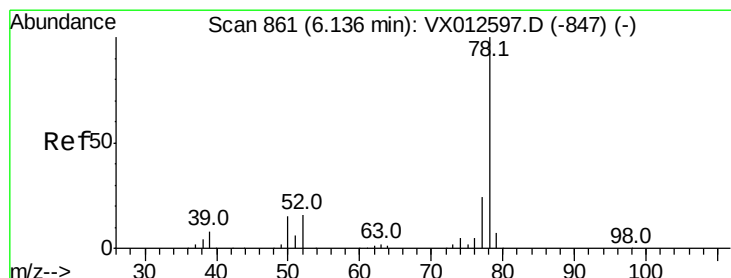
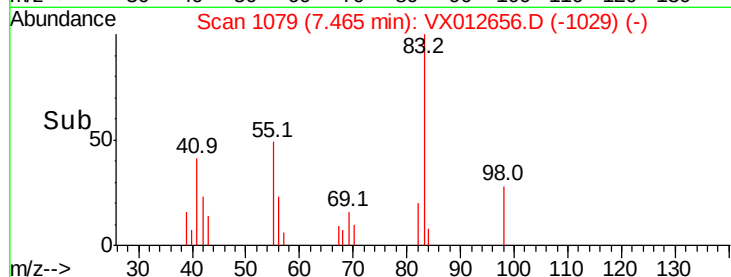
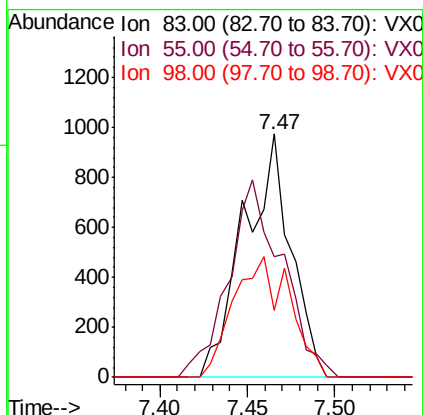
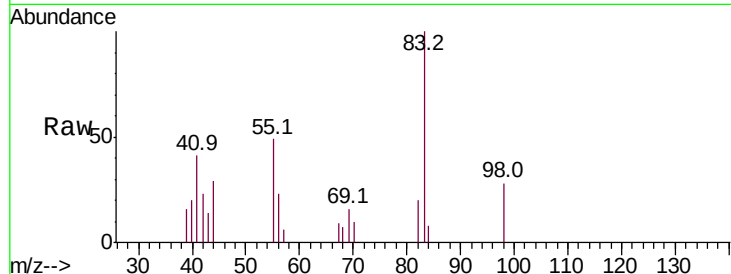




#39
Methylvlcyclohexane
Concen: 0.536 ug/l
RT: 7.47 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

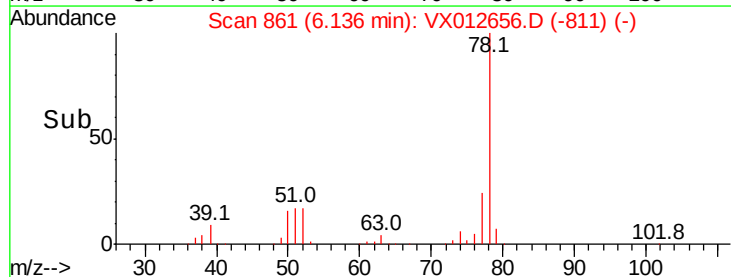
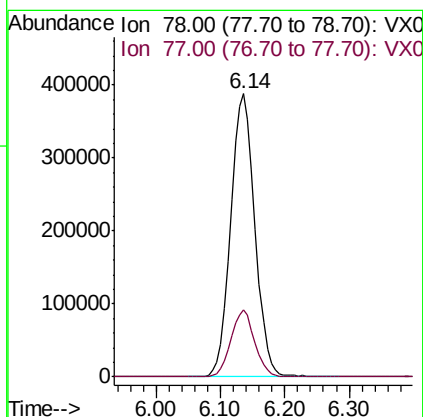
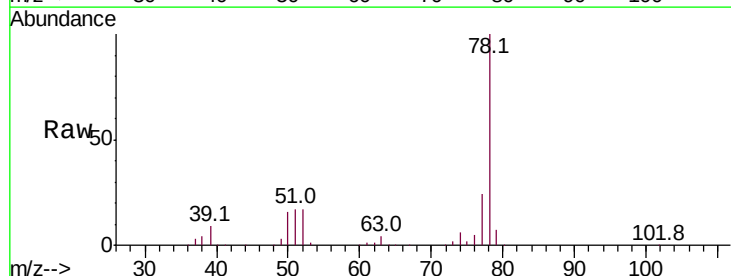
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

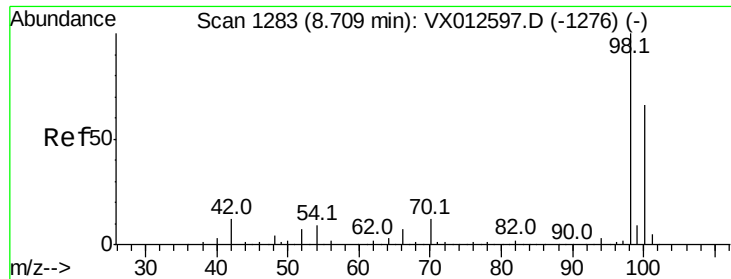
Tot Ion: 83 Resp: 1825
Ion Ratio Lower Upper
83 100
55 49.5 64.4 96.6#
98 27.5 40.1 60.1#



#40
Benzene
Concen: 122.583 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

Tgt Ion: 78 Resp: 1019729
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8





#50

Toluene-d8

Concen: 51.308 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

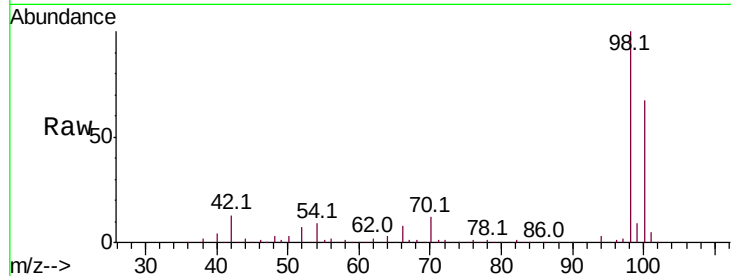
QNWP8-MW26S-GW

Tot Ion: 98 Resp: 345156

Ion Ratio Lower Upper

98 100

100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

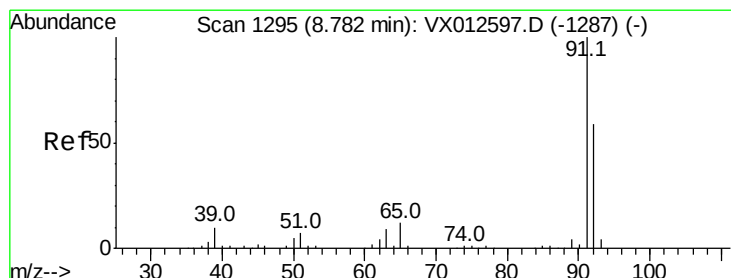
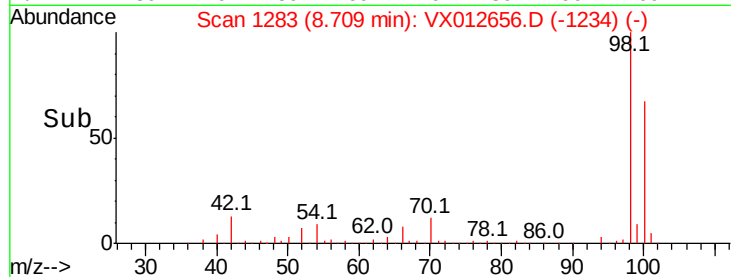
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#52

Toluene

Concen: 20.457 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012656.D

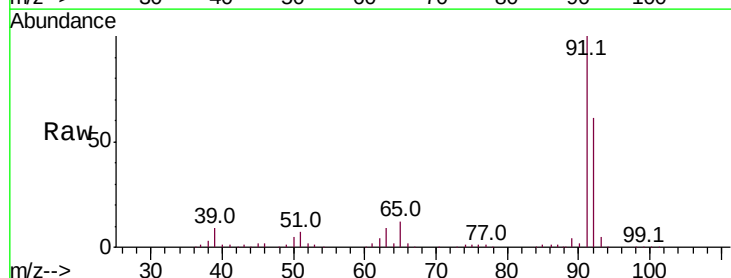
Acq: 25 Sep 2019 13:08

Tgt Ion: 92 Resp: 106958

Ion Ratio Lower Upper

92 100

91 169.5 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

60000

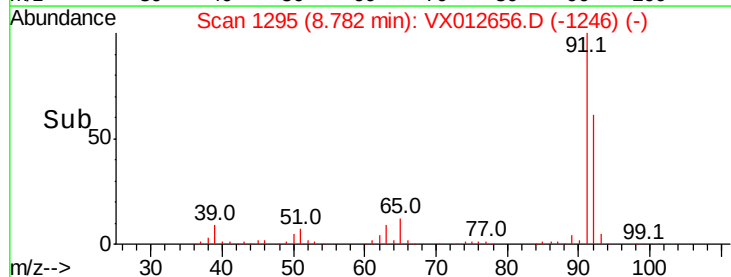
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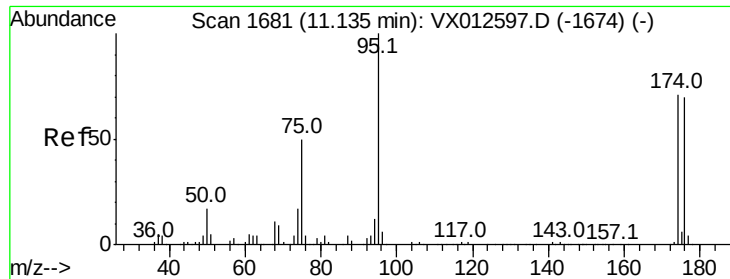
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0

8.70 8.75 8.80 8.85

Time-->

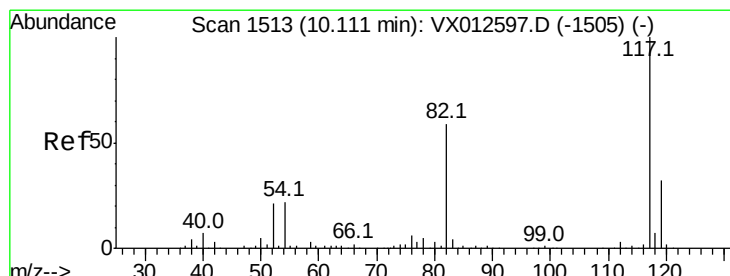
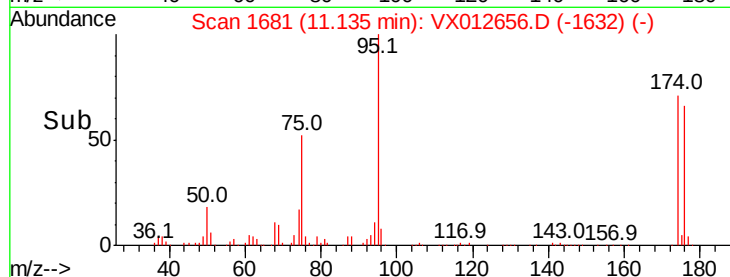
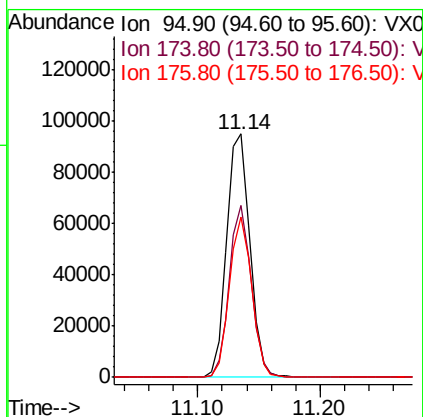
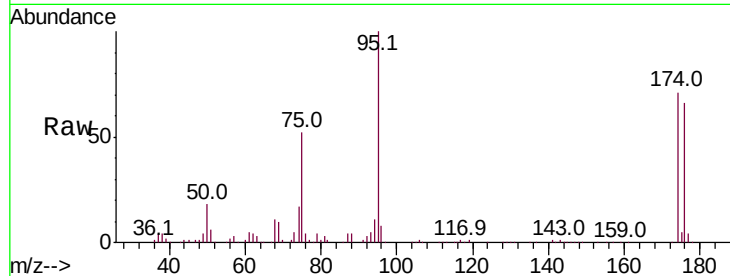




#62
4-Bromofluorobenzene
Concen: 47.039 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

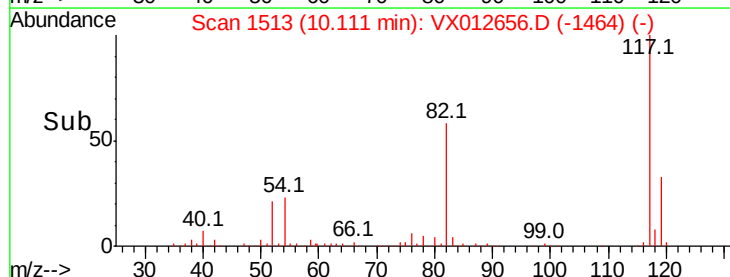
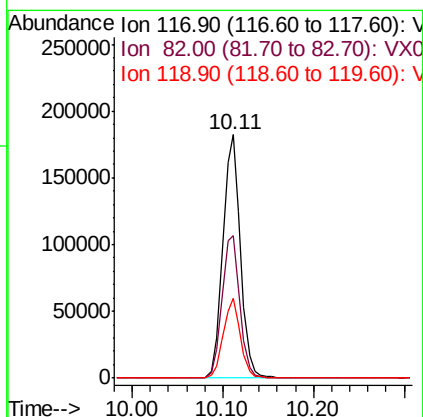
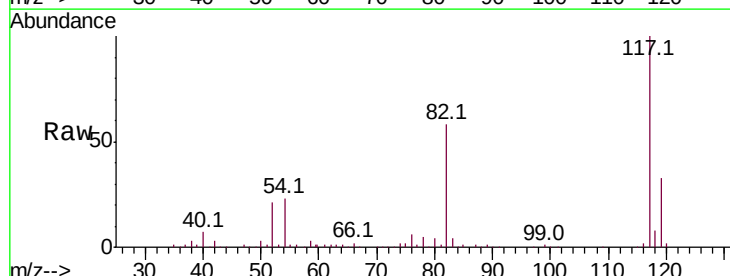
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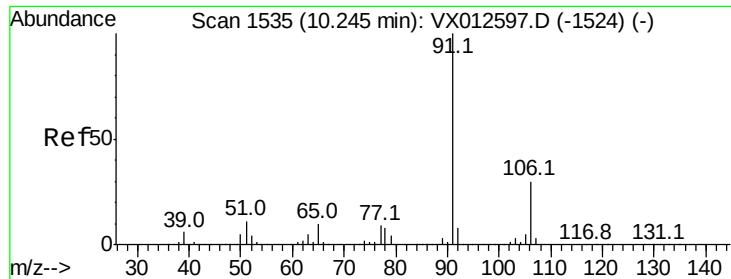
Tot Ion: 95 Resp: 124426
Ion Ratio Lower Upper
95 100
174 66.9 0.0 140.0
176 63.2 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

Tgt Ion: 117 Resp: 246598
Ion Ratio Lower Upper
117 100
82 58.3 45.9 68.9
119 32.9 25.3 37.9

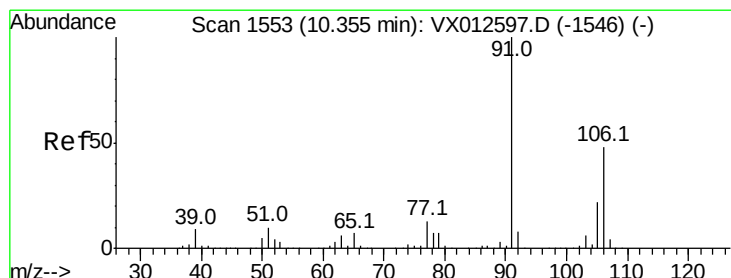
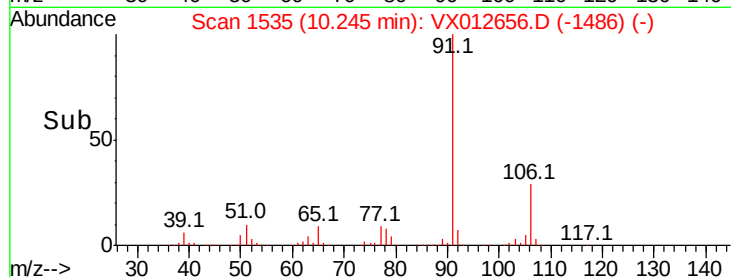
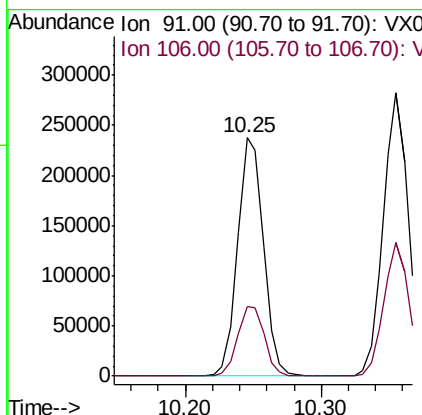
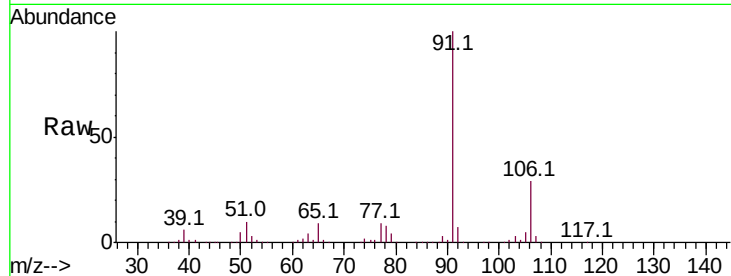




#67
Ethyl Benzene
Concen: 33.394 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

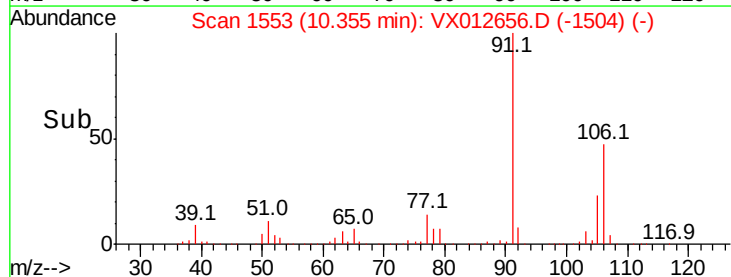
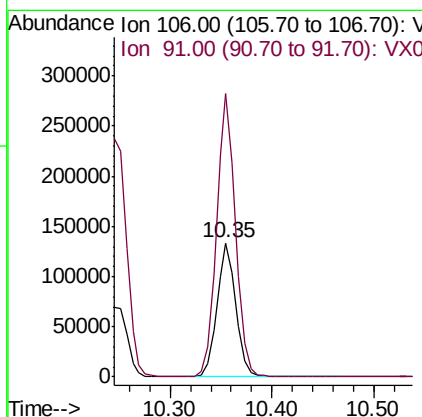
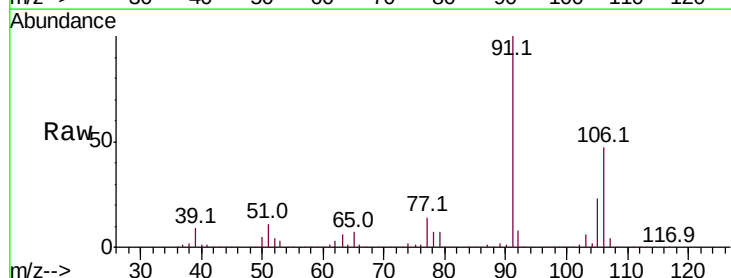
Instrument :
MSVOA_X
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QNWP8-MW26S-GW

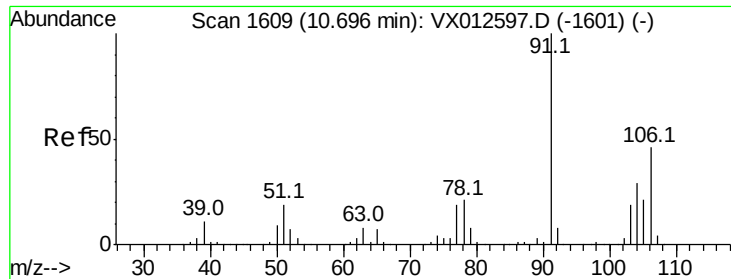
Tot Ion: 91 Resp: 314517
Ion Ratio Lower Upper
91 100
106 29.4 24.6 37.0



#68
m/p-Xylenes
Concen: 48.909 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

Tgt Ion: 106 Resp: 172559
Ion Ratio Lower Upper
106 100
91 212.8 166.6 250.0

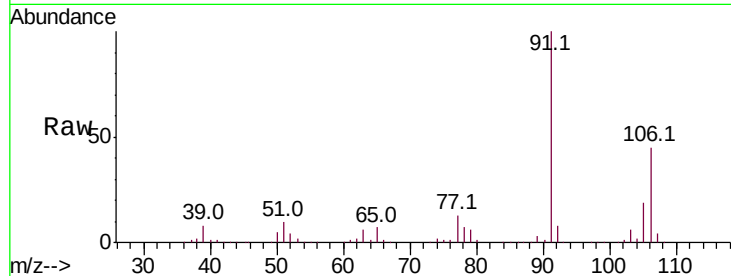




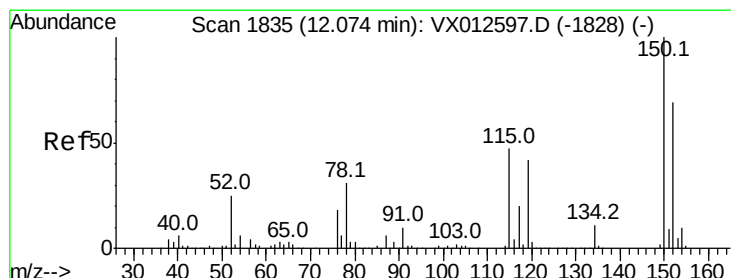
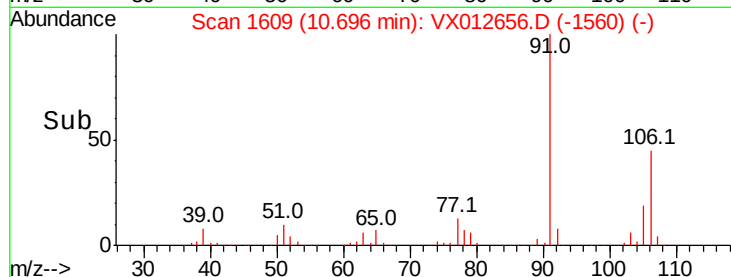
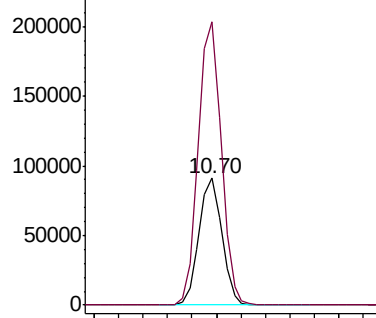
#69
o-Xylene
Concen: 34.740 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion:106 Resp: 118601
Ion Ratio Lower Upper
106 100
91 223.8 109.4 328.2

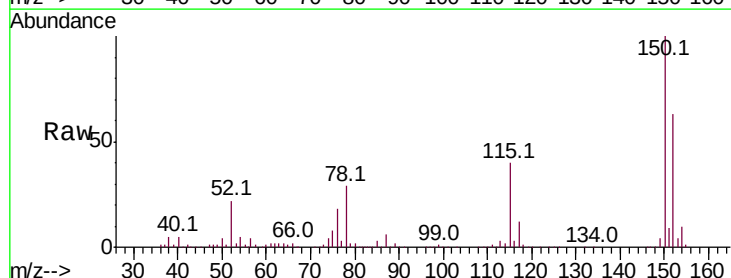


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

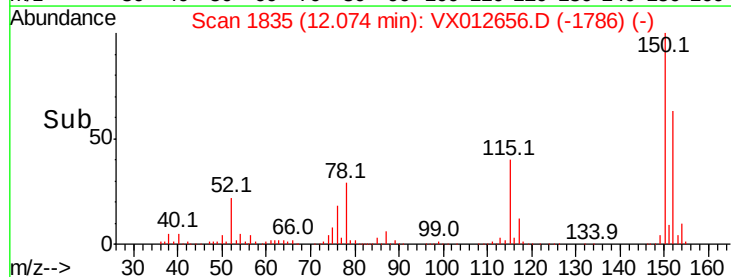
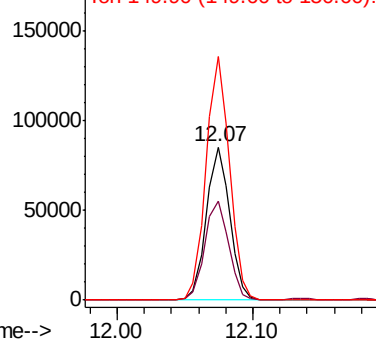


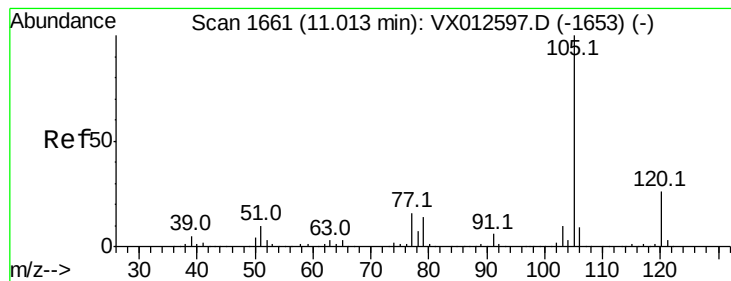
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

Tgt Ion:152 Resp: 101869
Ion Ratio Lower Upper
152 100
115 66.0 44.1 132.3
150 159.8 0.0 343.8



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: 1.563 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012656.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

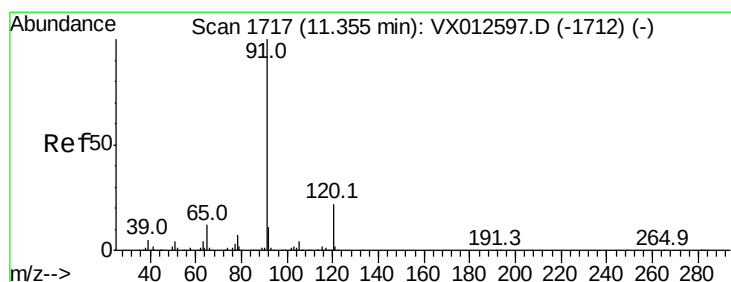
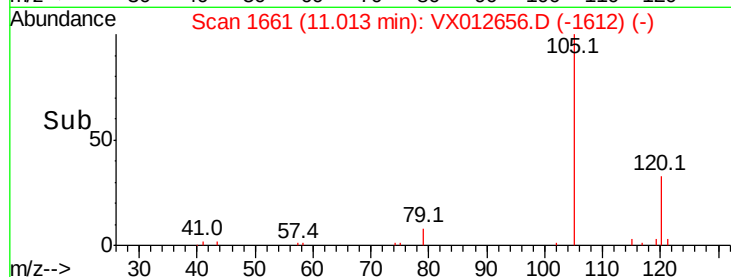
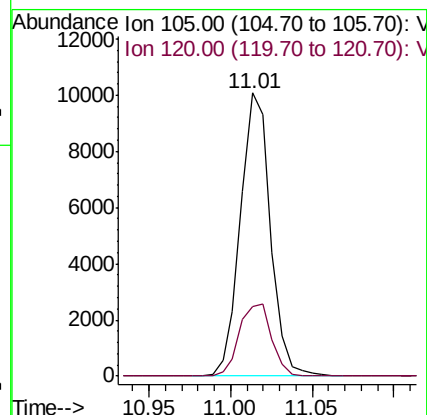
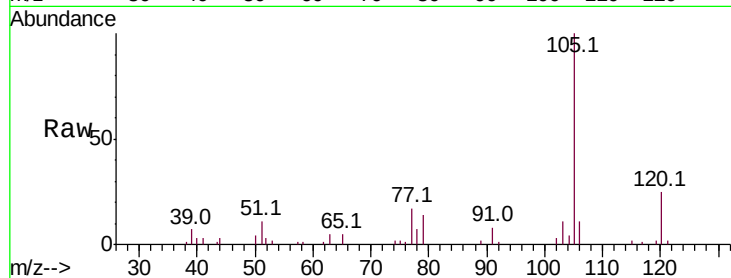
QNWP8-MW26S-GW

Tot Ion:105 Resp: 12971

Ion Ratio Lower Upper

105 100

120 27.2 12.9 38.7



#78

n-propylbenzene

Concen: 0.663 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012656.D

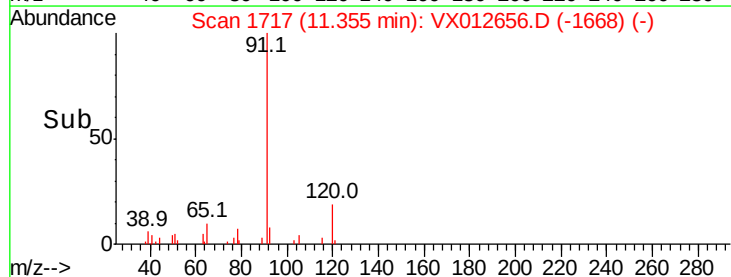
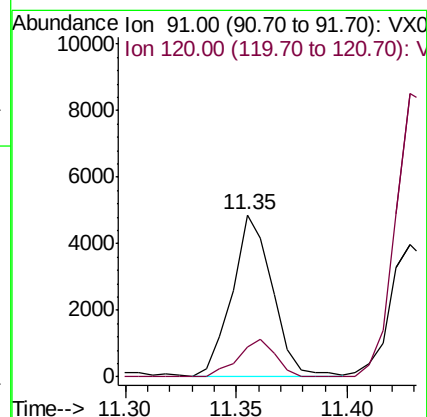
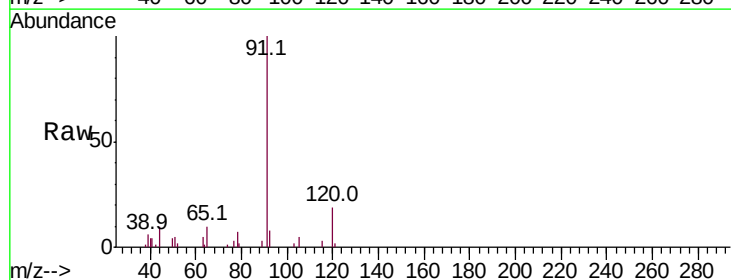
Acq: 25 Sep 2019 13:08

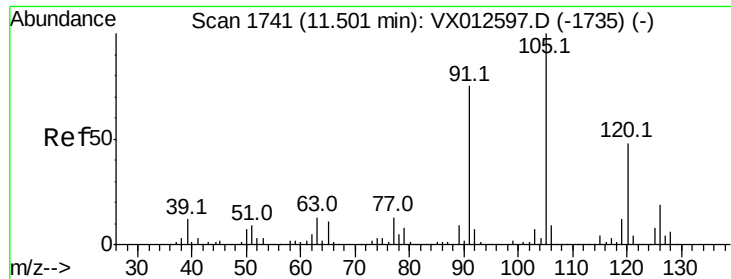
Tgt Ion: 91 Resp: 6189

Ion Ratio Lower Upper

91 100

120 21.4 11.3 33.8

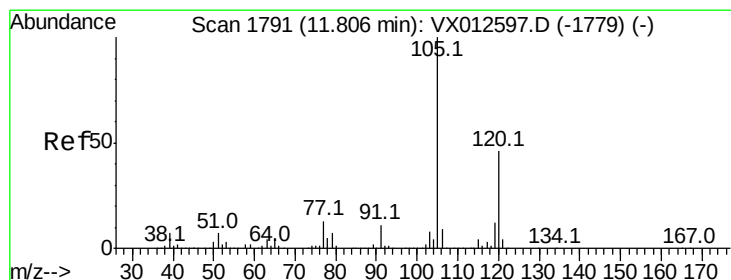
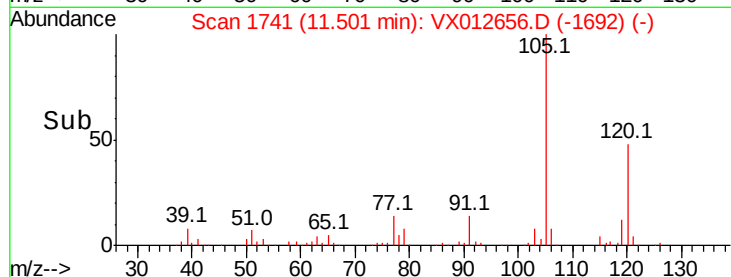
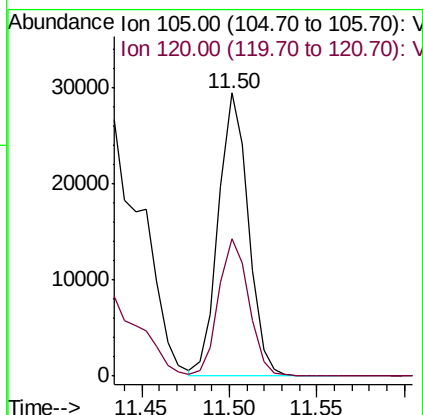
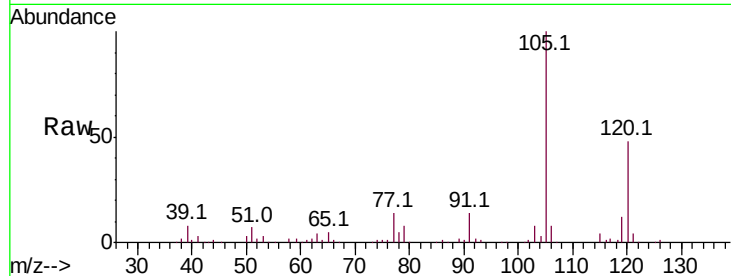




#80
 1,3,5-Trimethylbenzene
 Concen: 5.060 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012656.D
 Acq: 25 Sep 2019 13:08

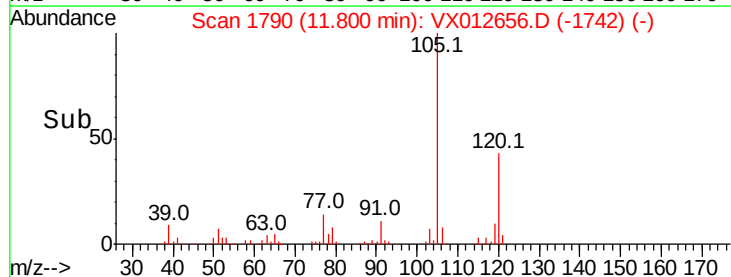
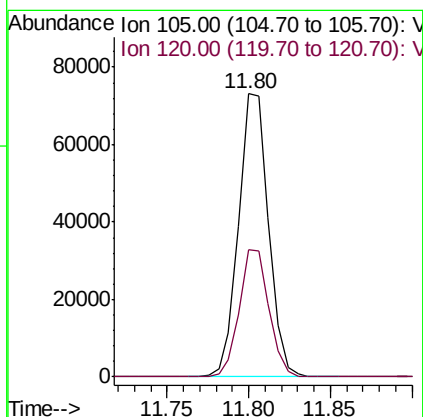
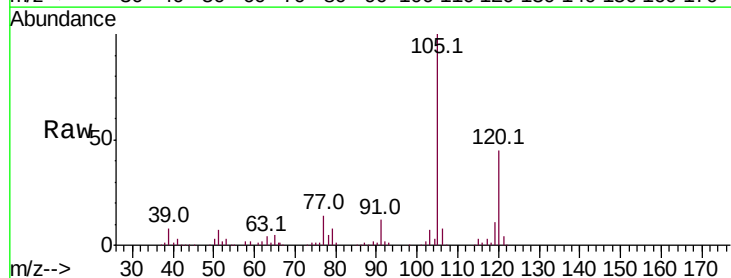
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

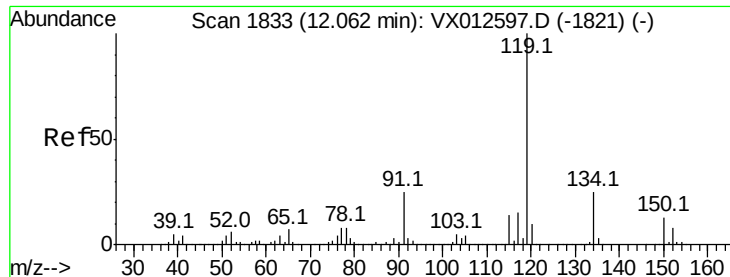
Tot Ion:105 Resp: 35204
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 13.379 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012656.D
 Acq: 25 Sep 2019 13:08

Tgt Ion:105 Resp: 93900
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.2 66.6

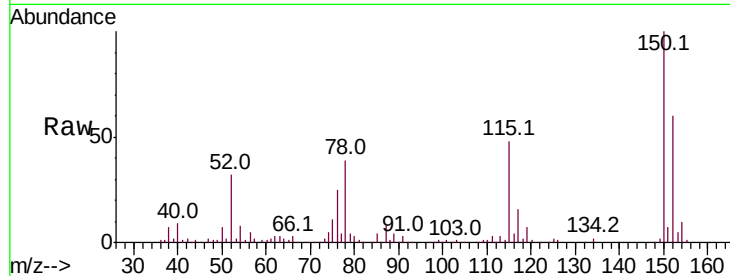




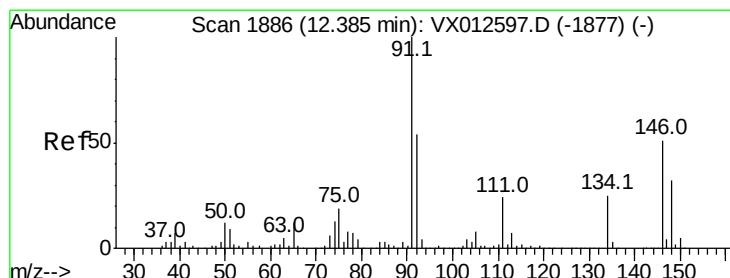
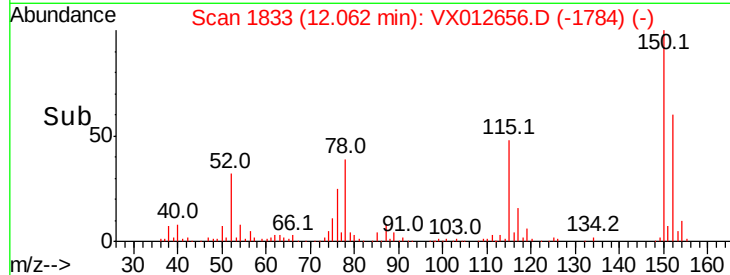
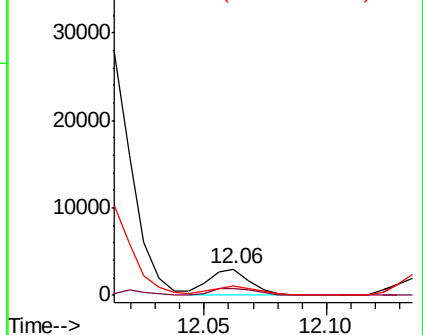
#86
 p-Isopropyltoluene
 Concen: 0.498 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012656.D
 Acq: 25 Sep 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.2	12.7	38.1
91	42.2	12.8	38.4

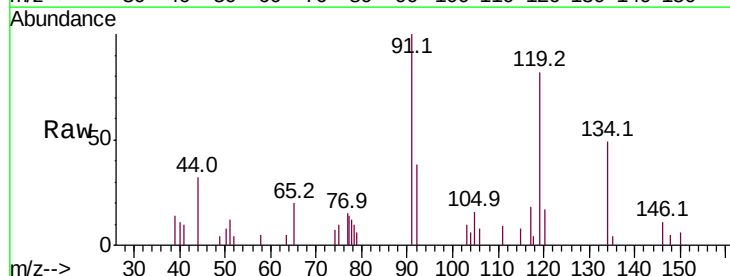


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

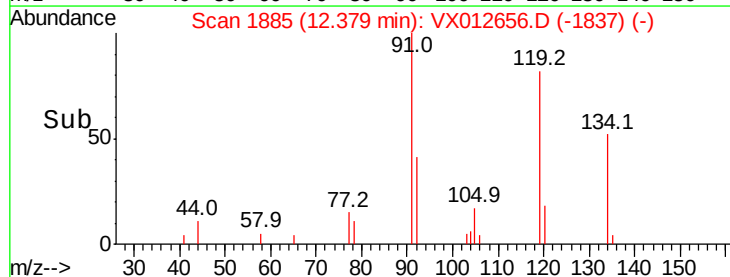
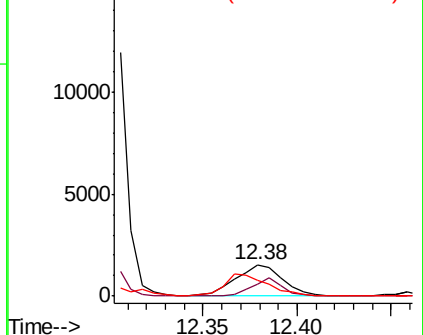


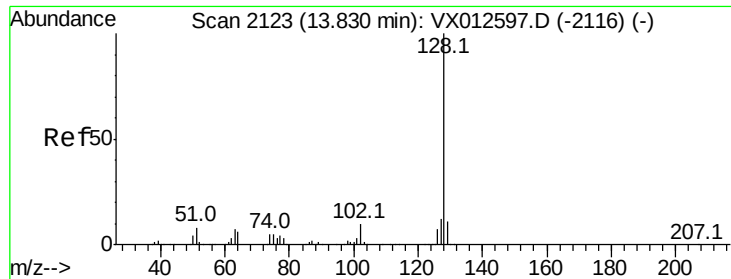
#89
 n-Butylbenzene
 Concen: 0.428 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: VX012656.D
 Acq: 25 Sep 2019 13:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	37.8	27.7	83.0
134	63.9	12.9	38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: 390.549 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012656.D
Acq: 25 Sep 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion:128 Resp: 2915432
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.8 13.2

