

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX006008.D
 Acq On : 15 Nov 2018 07:12
 Operator : JC/MD
 Sample : J5915-03
 Misc : 5.06g/10ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-3

Quant Time: Nov 15 07:57:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	137085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	209830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	171014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92224	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	77209	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
35) Dibromofluoromethane	5.51	113	64222	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	
50) Toluene-d8	8.71	98	227451	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.14	95	83657	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	

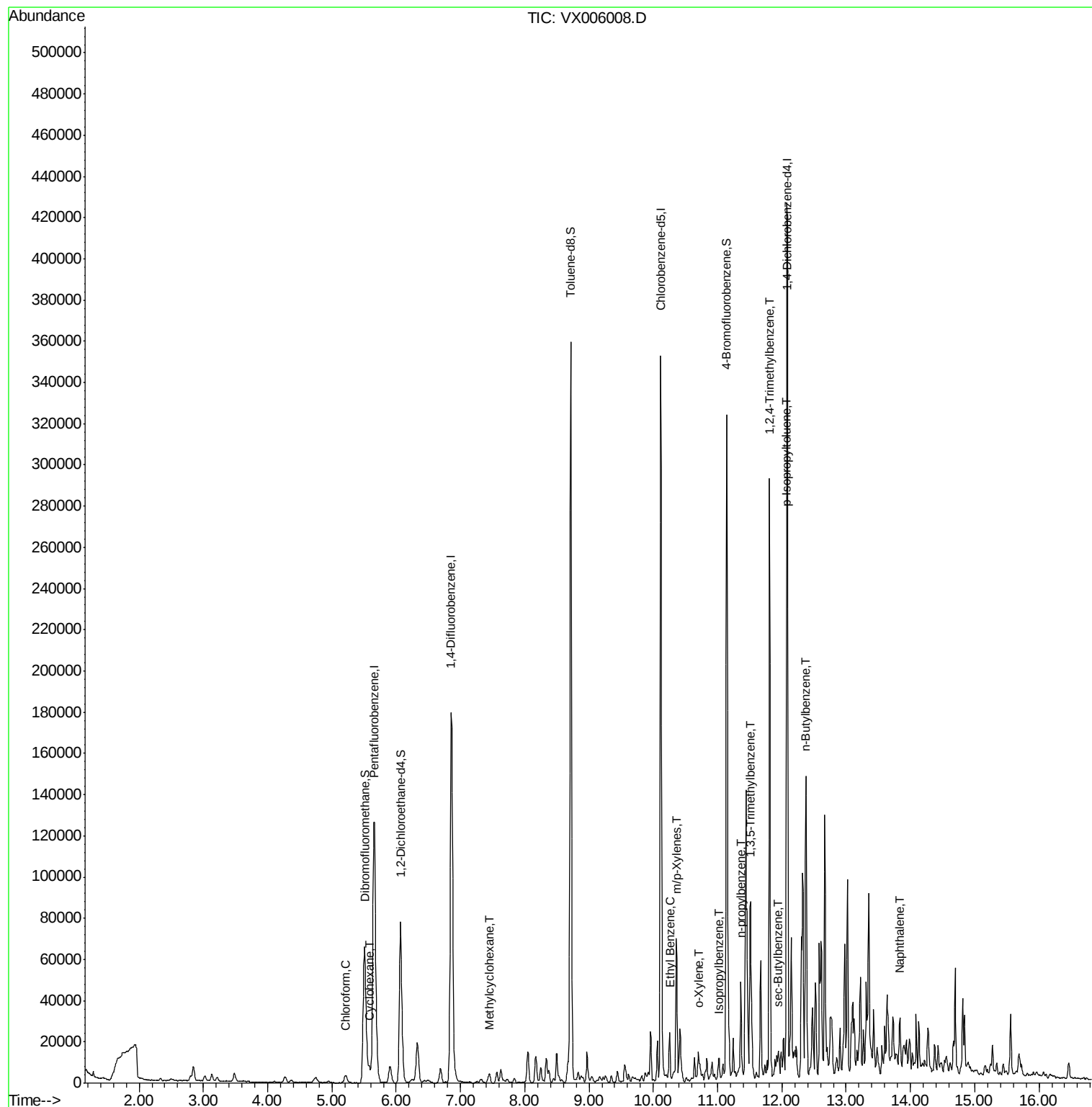
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	5.21	83	3806	1.56	ug/l	100
31) Cyclohexane	5.58	56	2117	0.96	ug/l	# 48
39) Methylcyclohexane	7.45	83	1679	0.82	ug/l	91
67) Ethyl Benzene	10.26	91	10978	2.00	ug/l	98
68) m/p-Xylenes	10.36	106	15995	7.63	ug/l	100
69) o-Xylene	10.70	106	2980	1.59	ug/l	91
73) Isopropylbenzene	11.02	105	4960	0.93	ug/l	98
78) n-propylbenzene	11.36	91	29325	4.67	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	37196	8.21	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	123579	24.65	ug/l	100
85) sec-Butylbenzene	11.95	105	5579	1.00	ug/l	91
86) p-Isopropyltoluene	12.07	119	2587	0.52	ug/l	88
89) n-Butylbenzene	12.38	91	23447	5.09	ug/l	# 32
95) Naphthalene	13.83	128	15548	3.47	ug/l	# 95

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

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Instrument :
MSVOA_X
ClientSampled :
T-3

Quant Time: Nov 15 07:57:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Instrument :

MSVOA_X

ClientSampled :

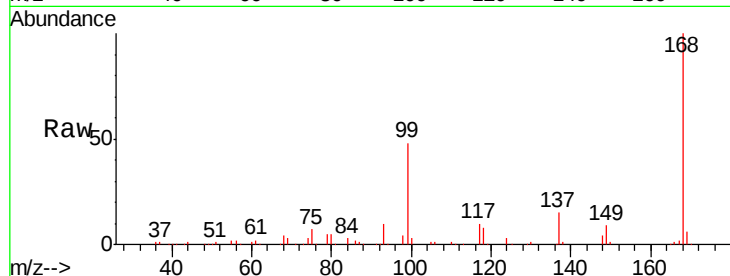
T-3

Tgt Ion:168 Resp: 137085

Ion Ratio Lower Upper

168 100

99 48.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

50000

40000

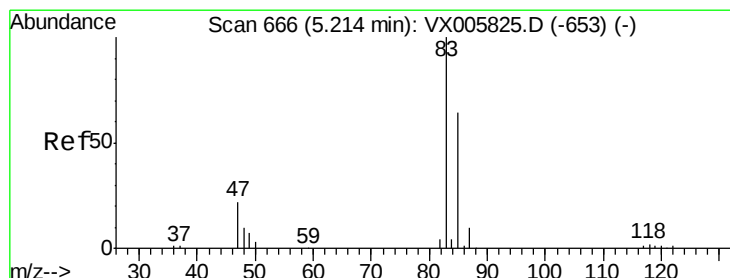
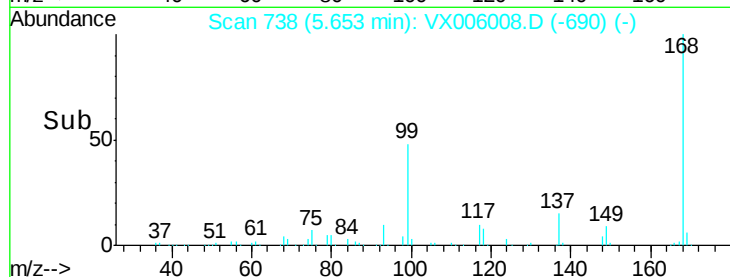
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#30

Chloroform

Concen: 1.56 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006008.D

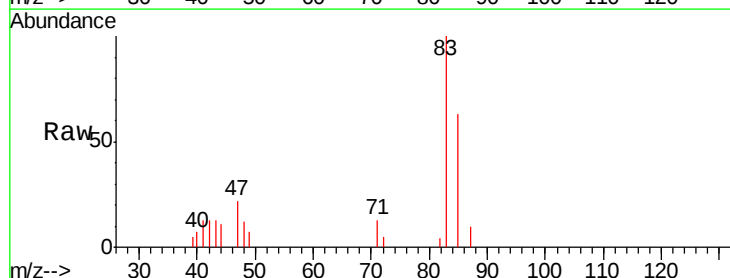
Acq: 15 Nov 2018 07:12

Tgt Ion: 83 Resp: 3806

Ion Ratio Lower Upper

83 100

85 63.3 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

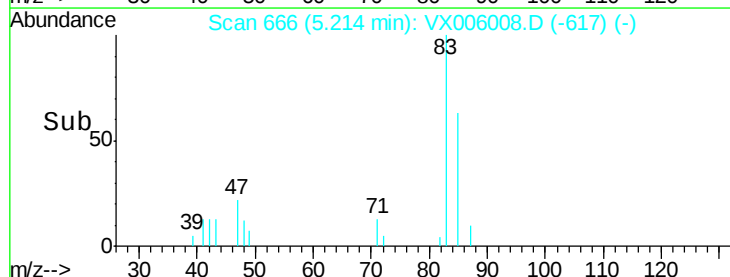
5.21

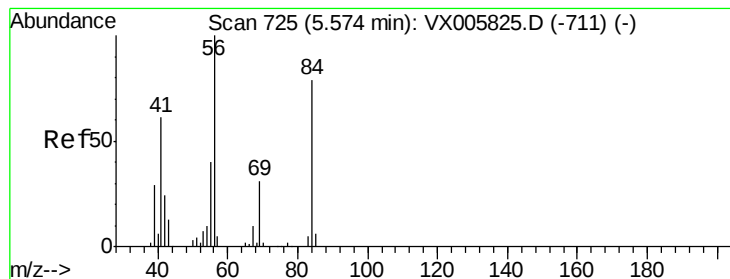
1000

500

0

Time--> 5.10 5.20 5.30





#31

Cyclohexane

Concen: 0.96 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

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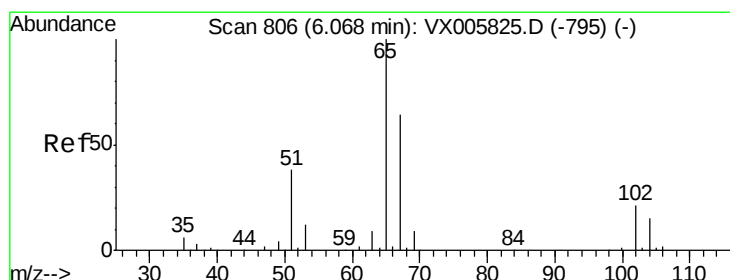
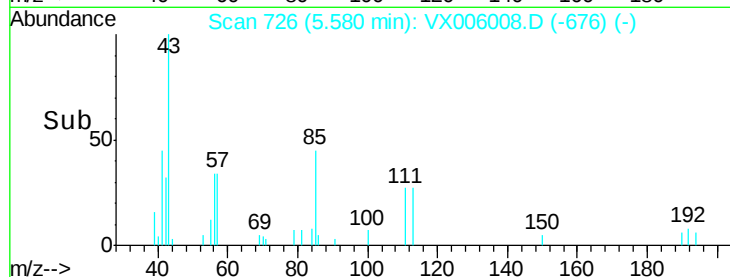
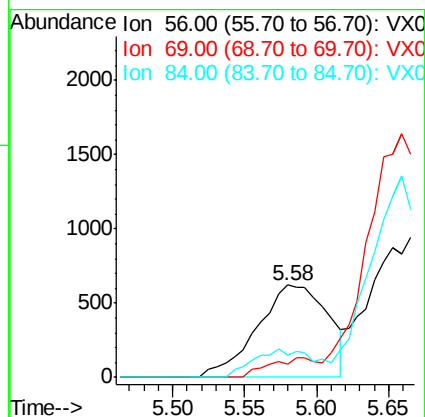
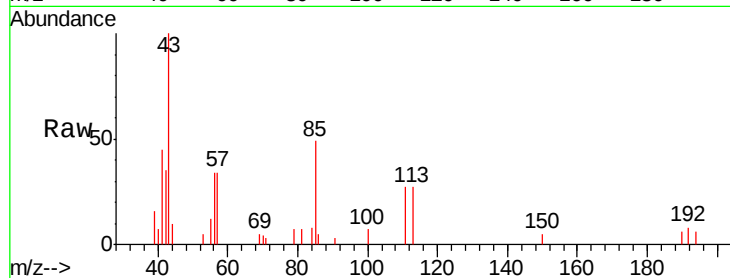
Tgt Ion: 56 Resp: 2117

Ion Ratio Lower Upper

56 100

69 14.8 22.6 34.0#

84 24.6 62.7 94.1#



#33

1,2-Dichloroethane-d4

Concen: 48.99 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006008.D

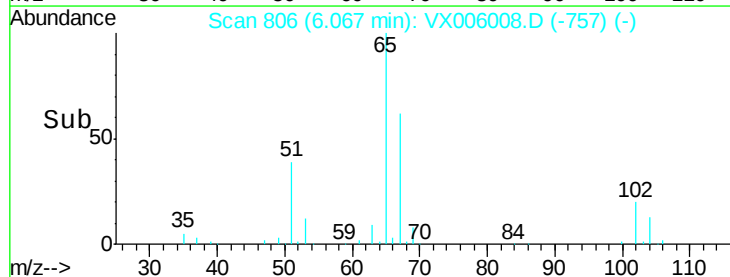
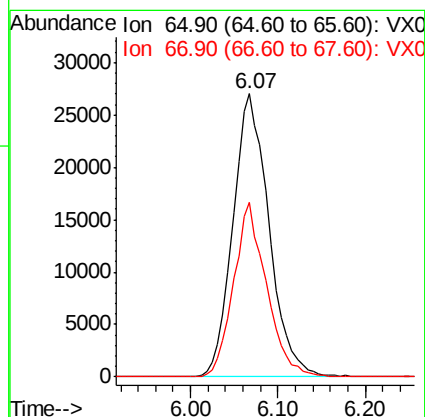
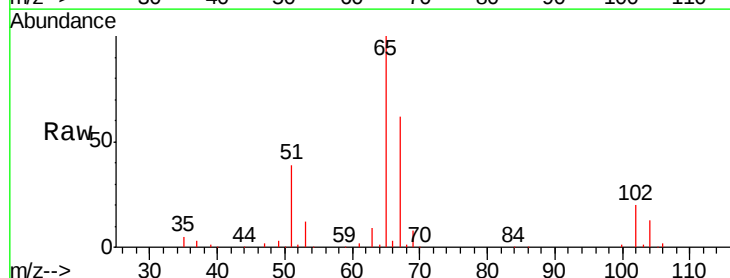
Acq: 15 Nov 2018 07:12

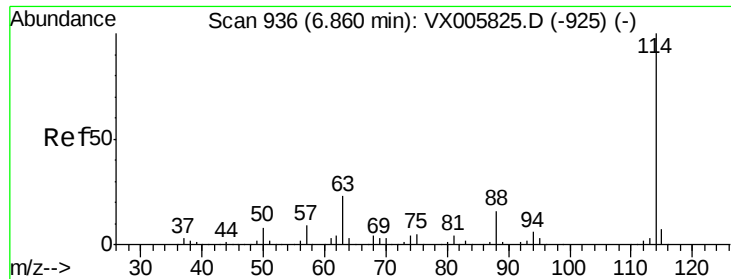
Tgt Ion: 65 Resp: 77209

Ion Ratio Lower Upper

65 100

67 56.5 0.0 105.0

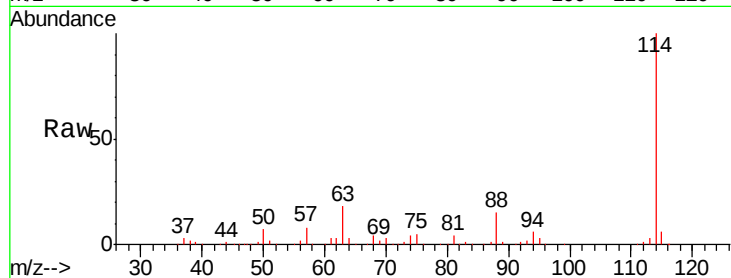




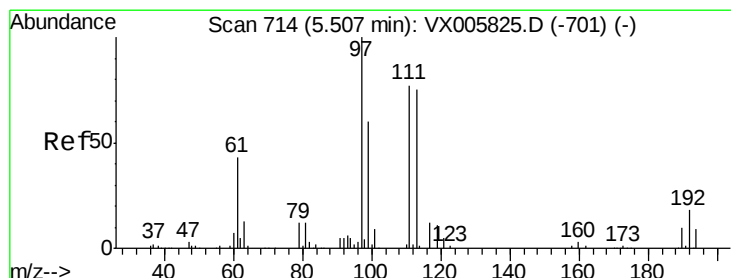
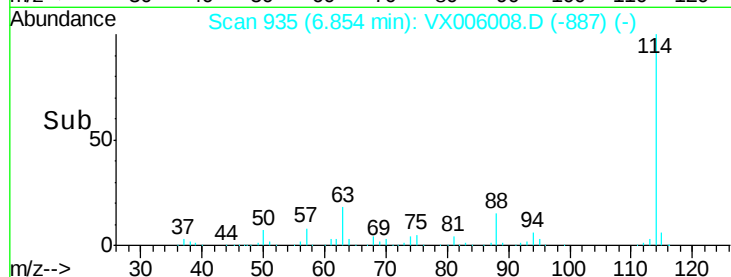
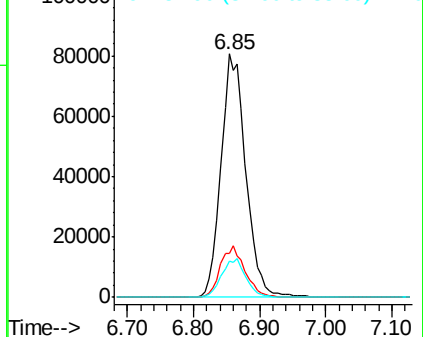
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006008.D
 Acq: 15 Nov 2018 07:12

Instrument :
 MSVOA_X
 ClientSampled :
 T-3

Tgt Ion:114 Resp: 209830
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 42.8
 88 14.7 0.0 31.2

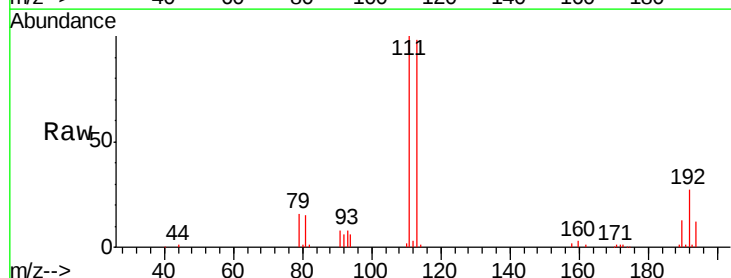


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

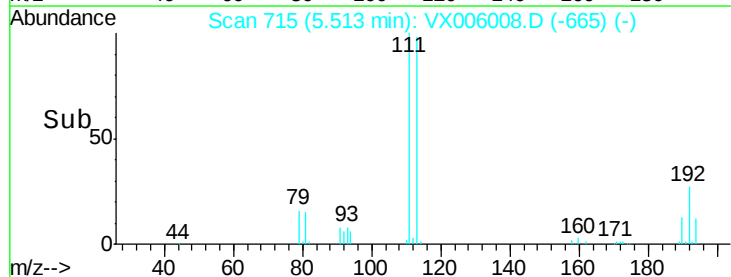
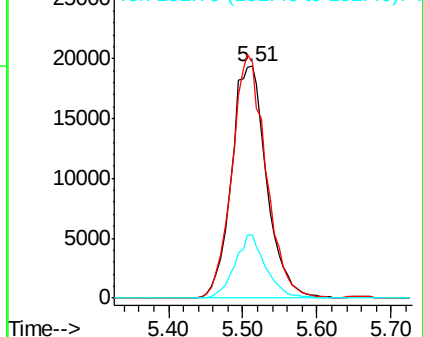


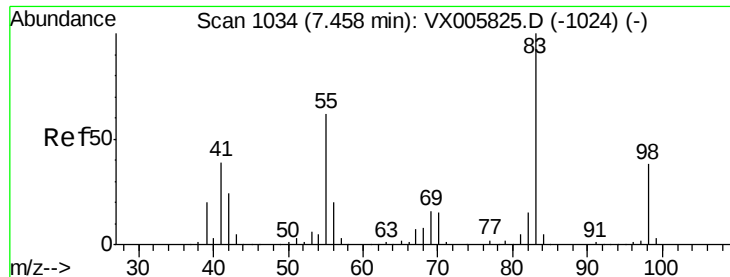
#35
 Dibromofluoromethane
 Concen: 45.00 ug/l
 RT: 5.51 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VX006008.D
 Acq: 15 Nov 2018 07:12

Tgt Ion:113 Resp: 64222
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.3 123.5
 192 23.8 17.9 26.9



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

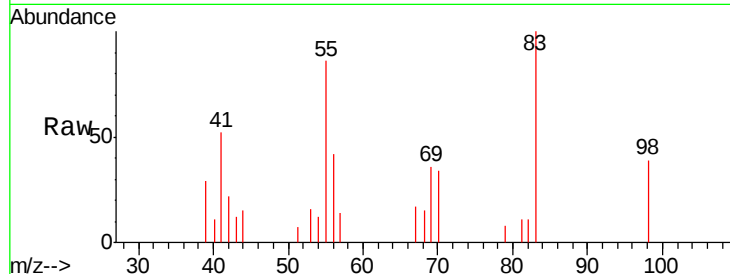




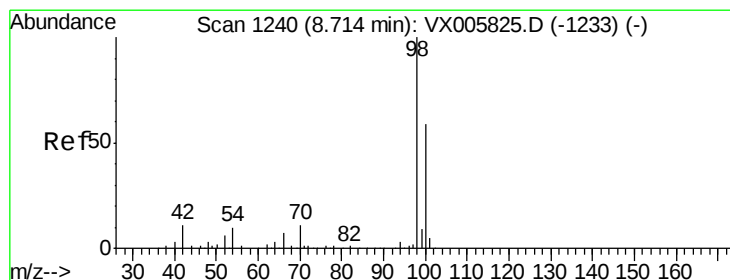
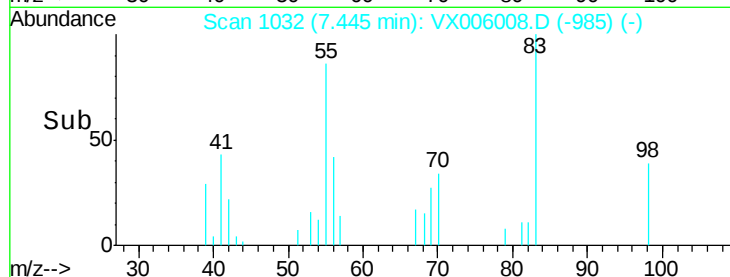
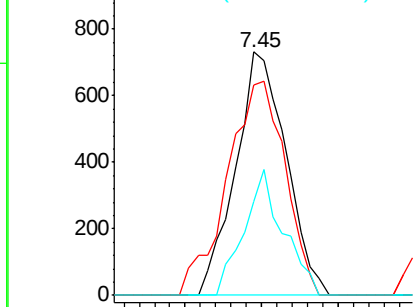
#39
Methylcyclohexane
Concen: 0.82 ug/l
RT: 7.45 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Instrument :
MSVOA_X
ClientSampled :
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Tgt Ion: 83 Resp: 1679
Ion Ratio Lower Upper
83 100
55 86.5 63.7 95.5
98 38.7 36.2 54.2

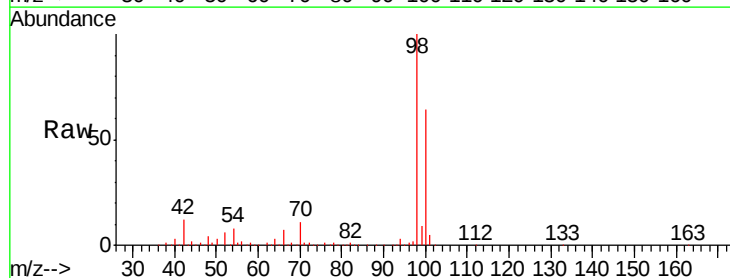


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

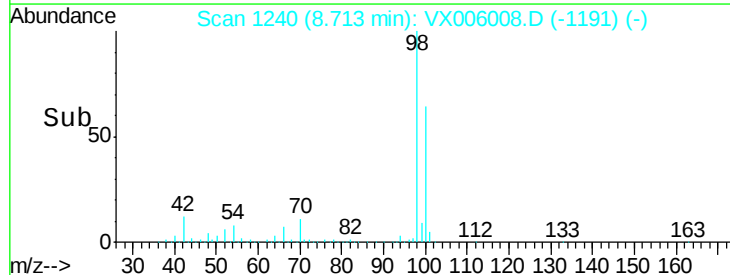
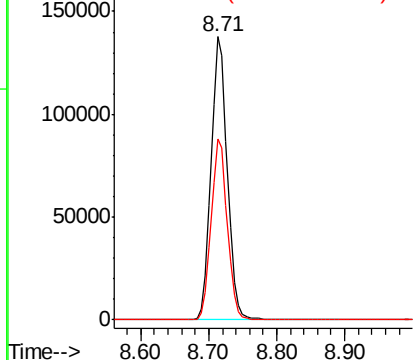


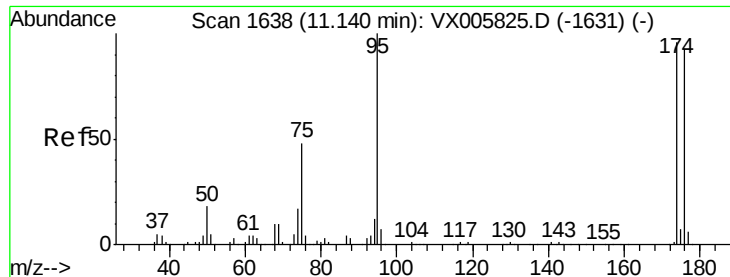
#50
Toluene-d8
Concen: 47.94 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion: 98 Resp: 227451
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9



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

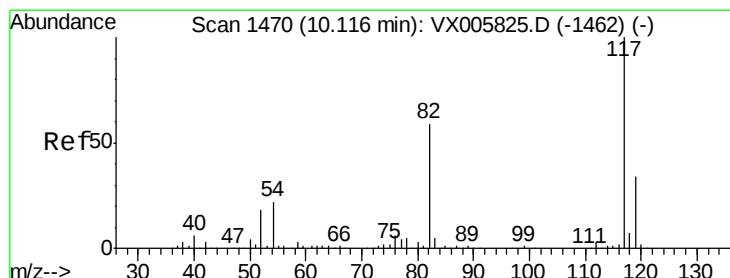
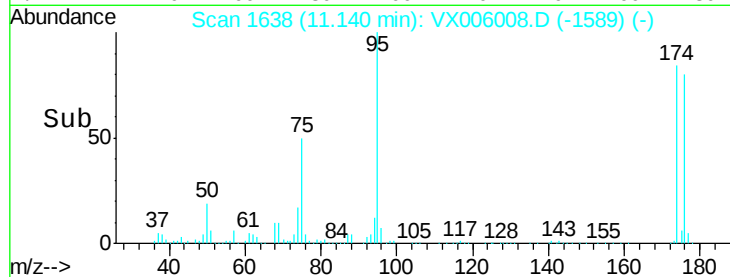
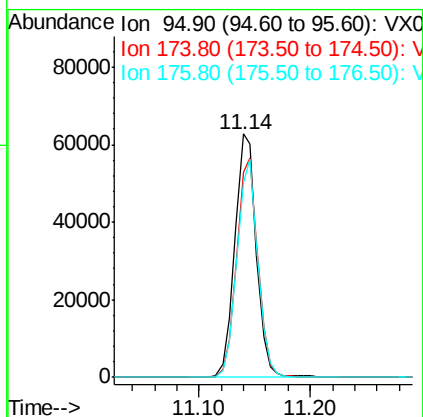
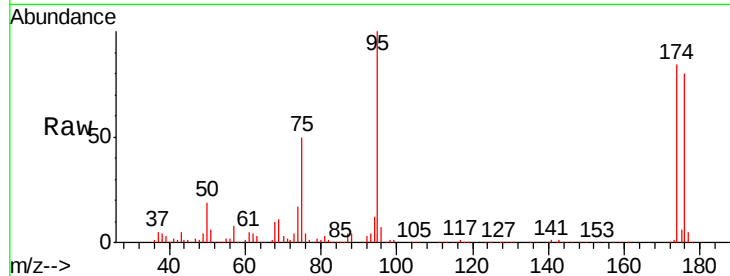




#62
4-Bromofluorobenzene
Concen: 49.04 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

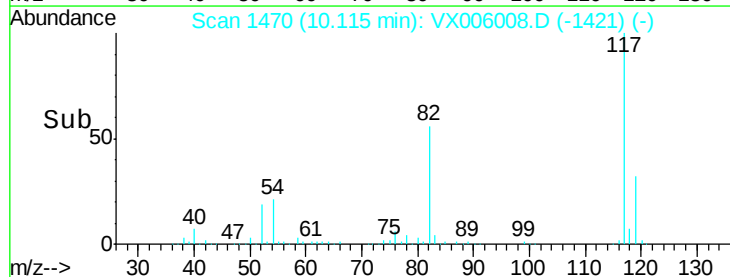
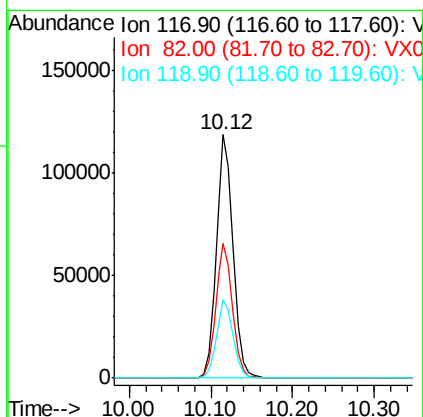
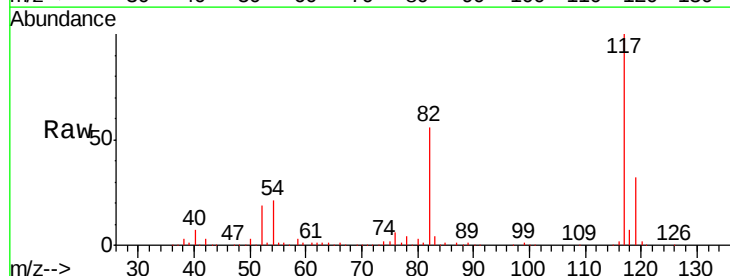
Instrument :
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ClientSampleId :
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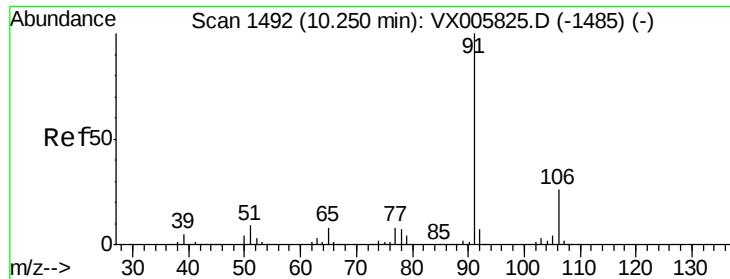
Tgt Ion: 95 Resp: 83657
Ion Ratio Lower Upper
95 100
174 89.3 0.0 184.4
176 86.9 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion: 117 Resp: 171014
Ion Ratio Lower Upper
117 100
82 55.5 44.1 66.1
119 32.1 26.2 39.2

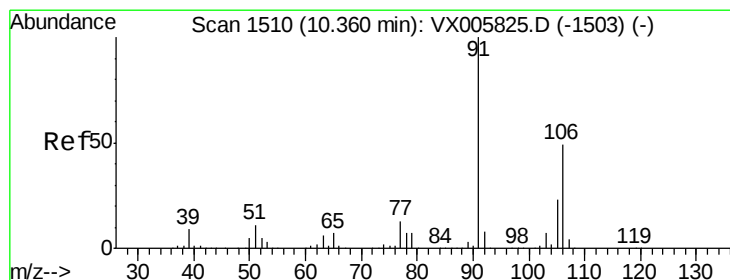
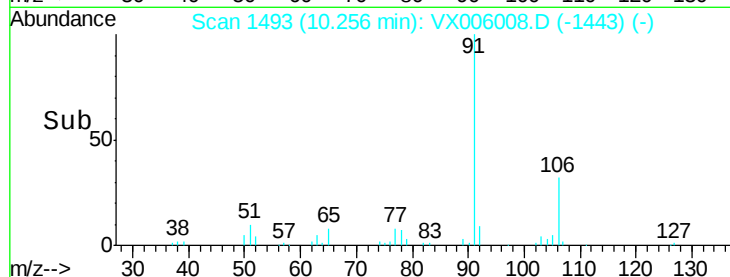
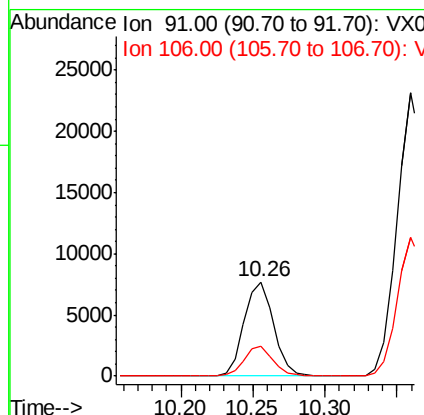
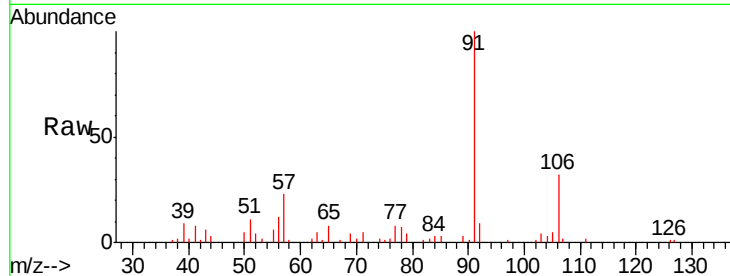




#67
Ethyl Benzene
Concen: 2.00 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

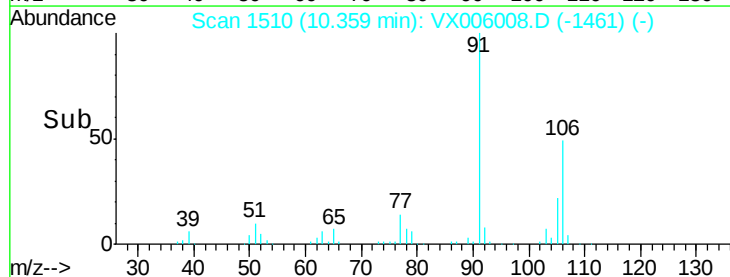
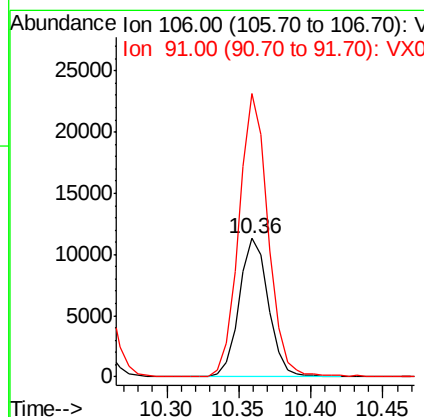
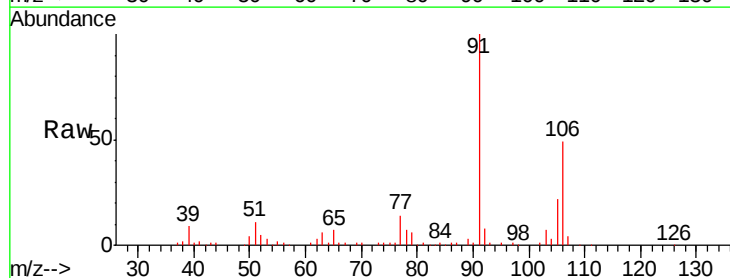
Instrument :
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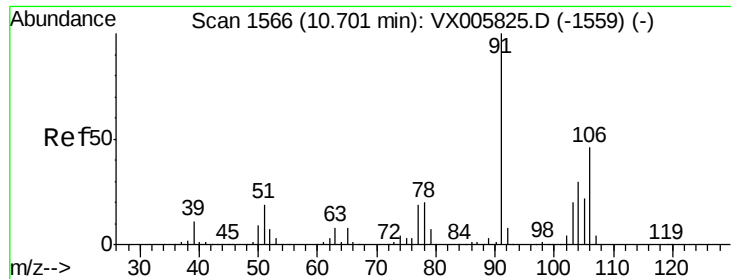
Tgt Ion: 91 Resp: 10978
Ion Ratio Lower Upper
91 100
106 31.7 24.4 36.6



#68
m/p-Xylenes
Concen: 7.63 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion: 106 Resp: 15995
Ion Ratio Lower Upper
106 100
91 205.3 164.2 246.4

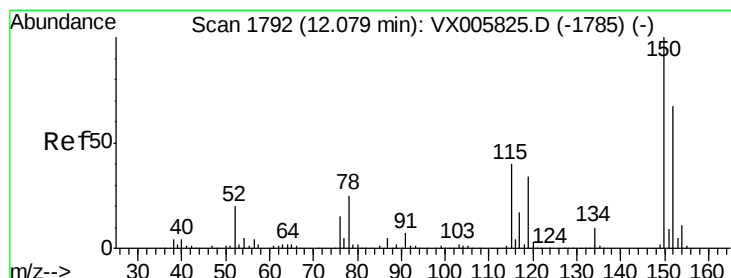
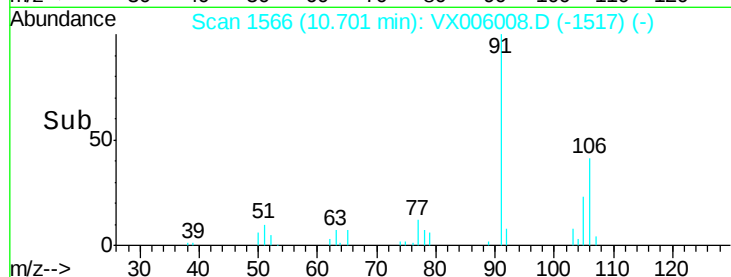
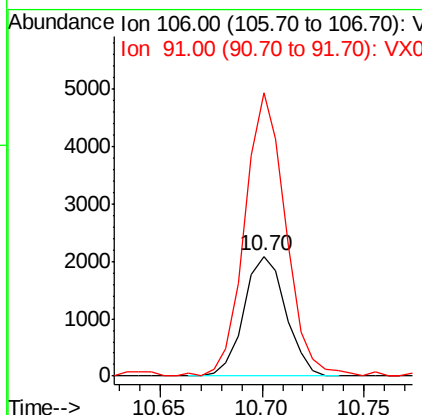
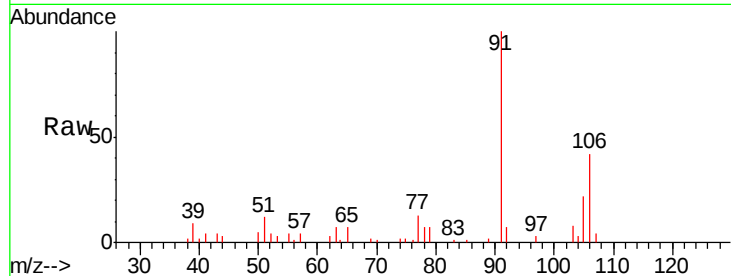




#69
o-Xylene
Concen: 1.59 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

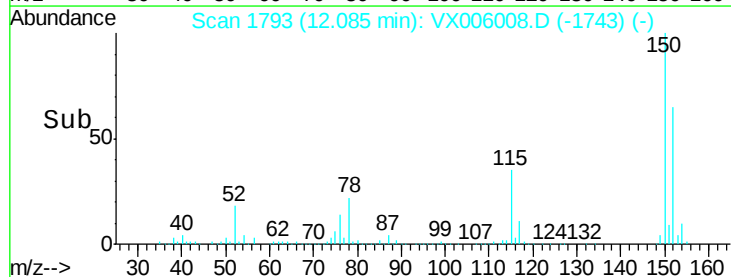
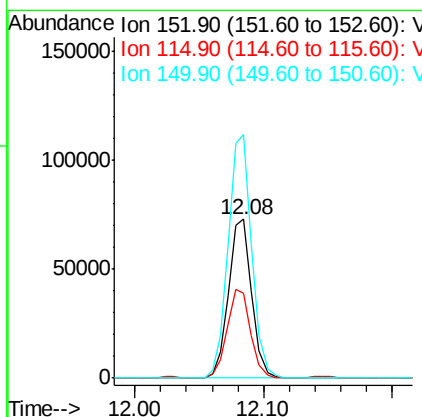
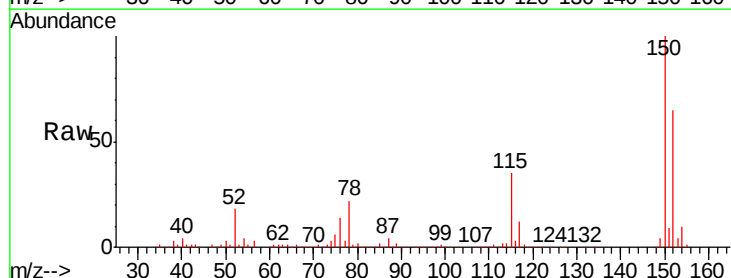
Instrument :
MSVOA_X
ClientSampled :
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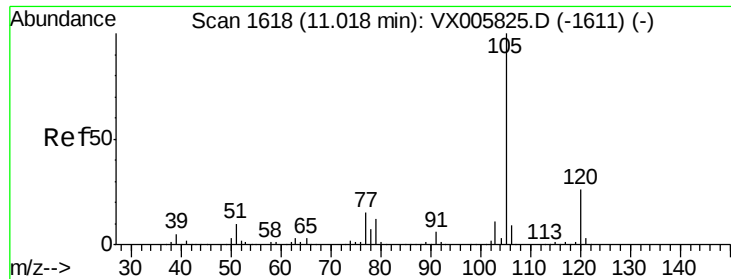
Tgt Ion:106 Resp: 2980
Ion Ratio Lower Upper
106 100
91 231.2 108.5 325.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion:152 Resp: 92224
Ion Ratio Lower Upper
152 100
115 56.2 39.4 118.1
150 155.6 0.0 346.4





#73

Isopropylbenzene

Concen: 0.93 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006008.D

Acq: 15 Nov 2018 07:12

Instrument :

MSVOA_X

ClientSampled :

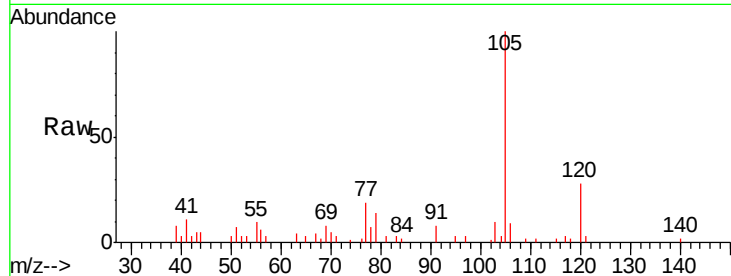
T-3

Tgt Ion: 105 Resp: 4960

Ion Ratio Lower Upper

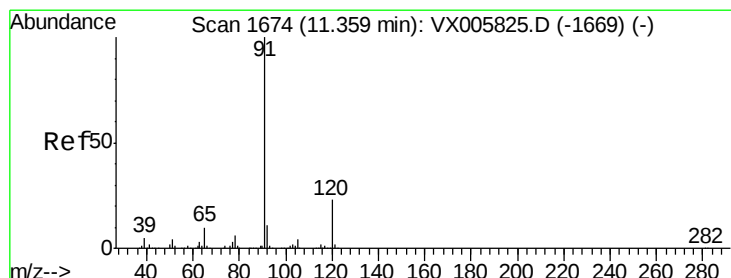
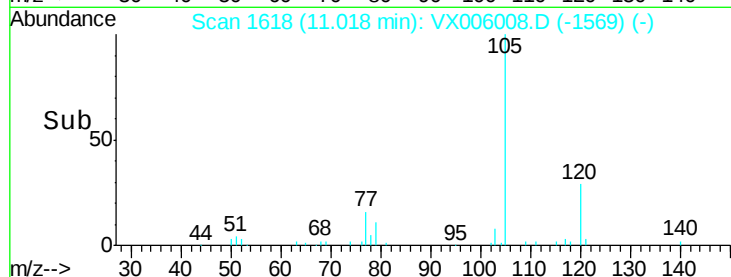
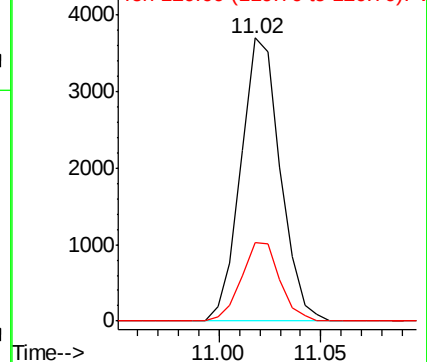
105 100

120 27.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 4.67 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006008.D

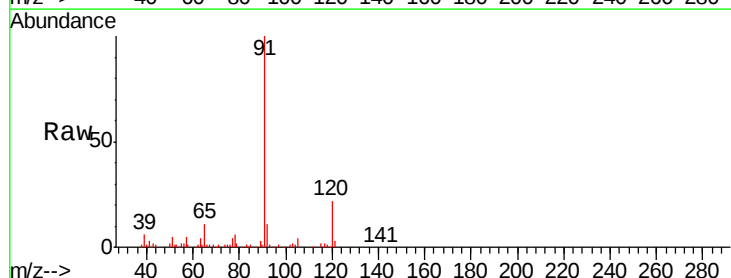
Acq: 15 Nov 2018 07:12

Tgt Ion: 91 Resp: 29325

Ion Ratio Lower Upper

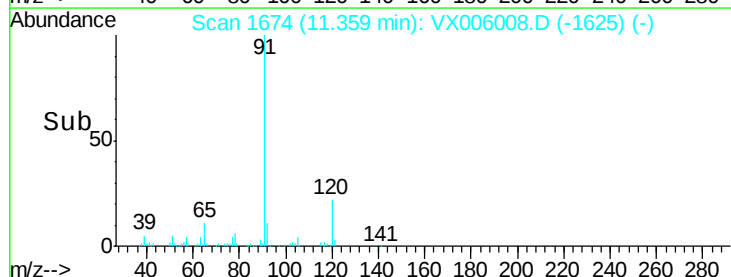
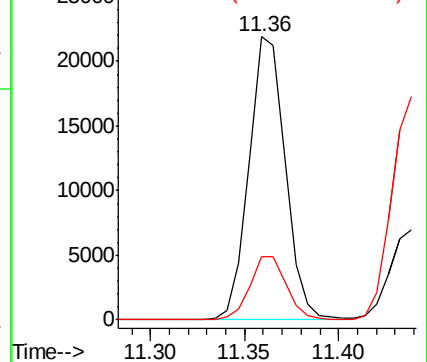
91 100

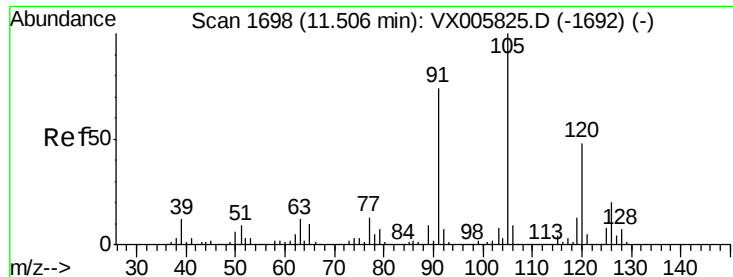
120 22.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

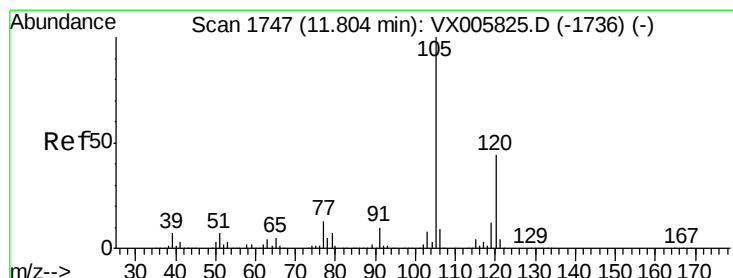
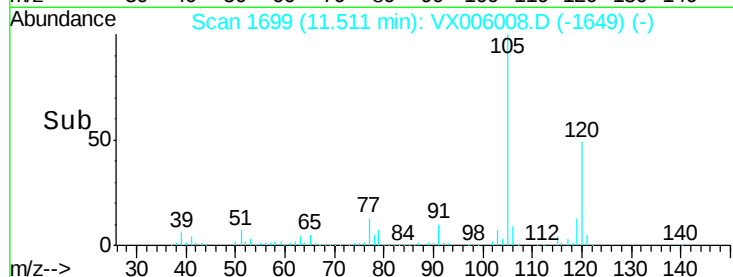
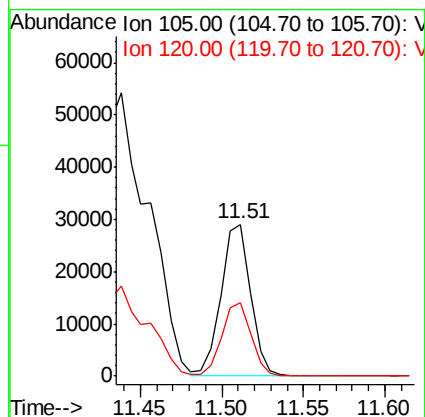
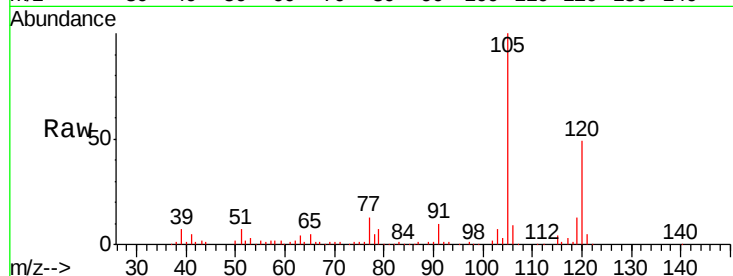




#80
 1,3,5-Trimethylbenzene
 Concen: 8.21 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX006008.D
 Acq: 15 Nov 2018 07:12

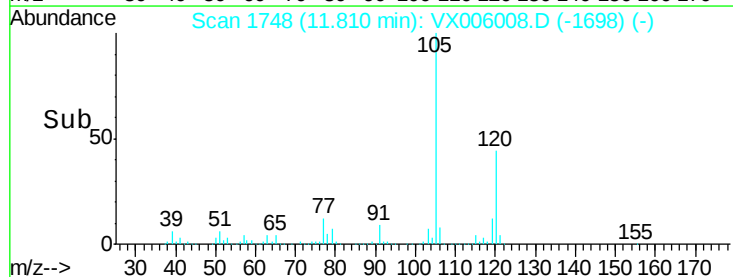
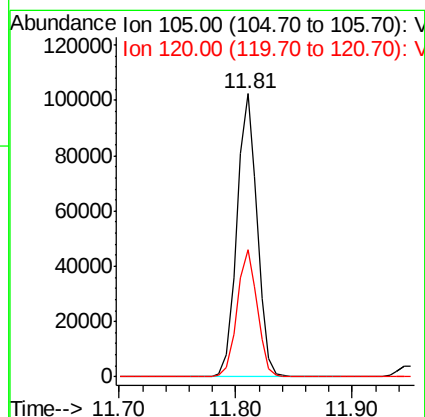
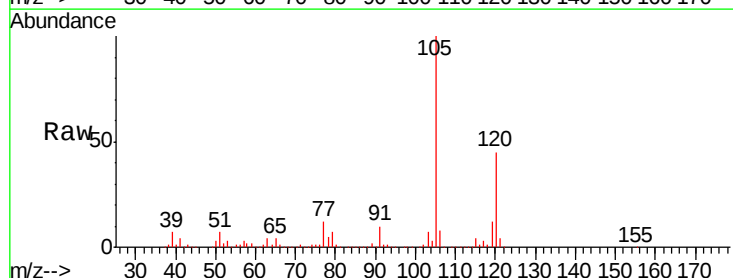
Instrument :
 MSVOA_X
 ClientSampled :
 T-3

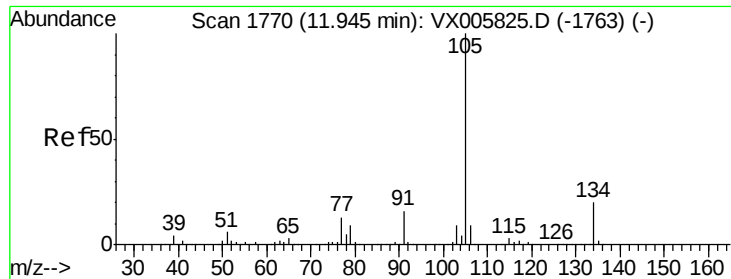
Tgt Ion:105 Resp: 37196
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.2



#84
 1,2,4-Trimethylbenzene
 Concen: 24.65 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006008.D
 Acq: 15 Nov 2018 07:12

Tgt Ion:105 Resp: 123579
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.0

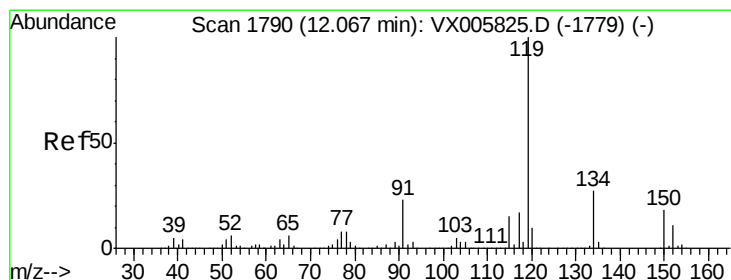
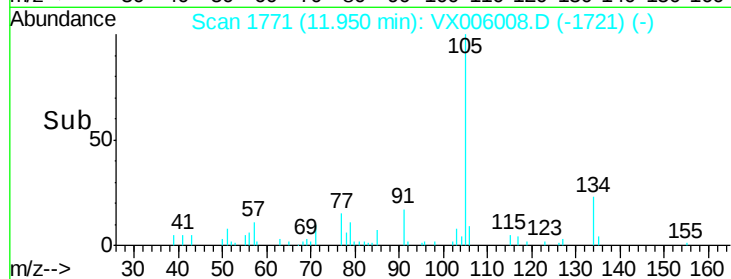
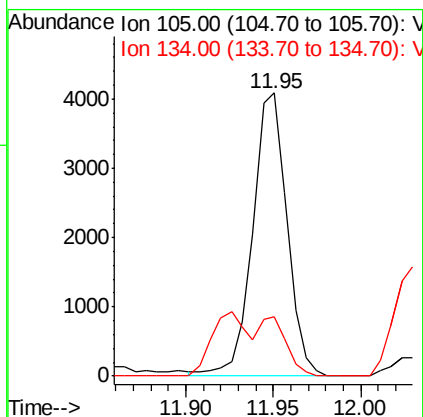
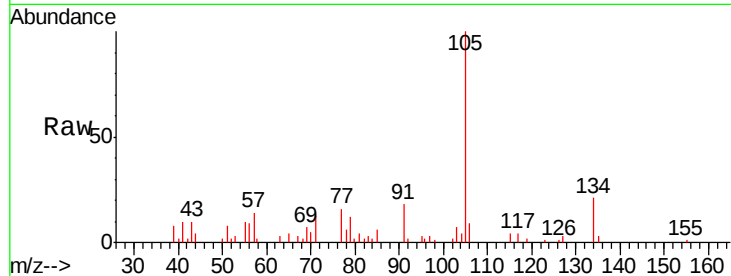




#85
 sec-Butylbenzene
 Concen: 1.00 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX006008.D
 Acq: 15 Nov 2018 07:12

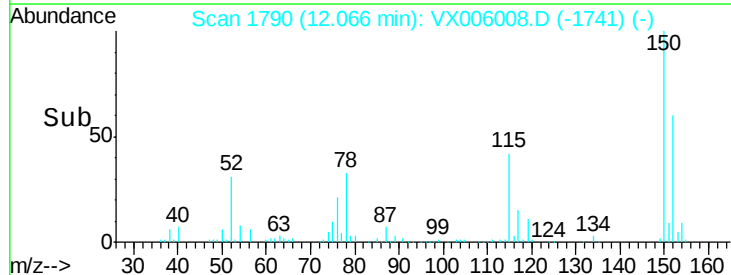
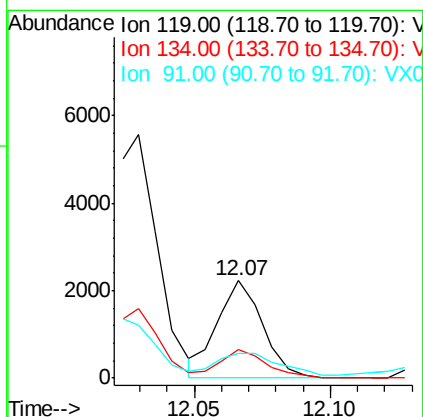
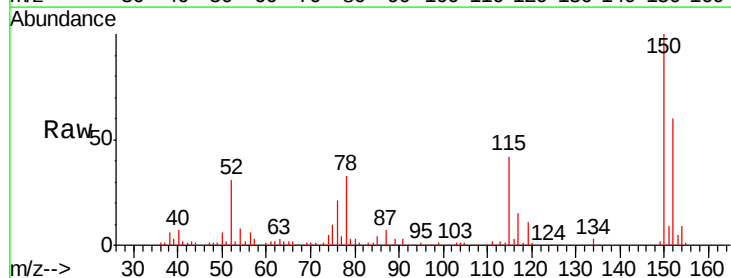
Instrument :
 MSVOA_X
 ClientSampled :
 T-3

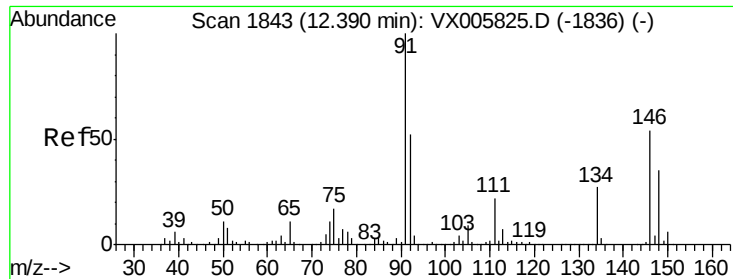
Tgt Ion:105 Resp: 5579
 Ion Ratio Lower Upper
 105 100
 134 16.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.52 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006008.D
 Acq: 15 Nov 2018 07:12

Tgt Ion:119 Resp: 2587
 Ion Ratio Lower Upper
 119 100
 134 30.3 13.0 39.0
 91 30.8 11.4 34.2

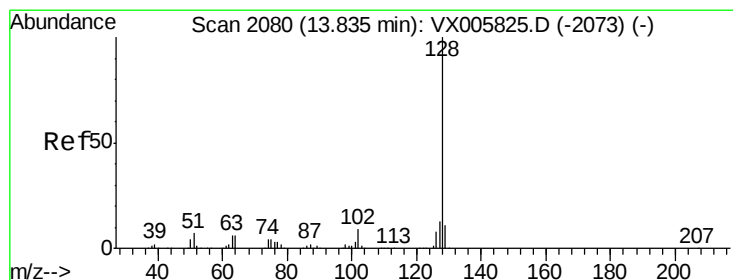
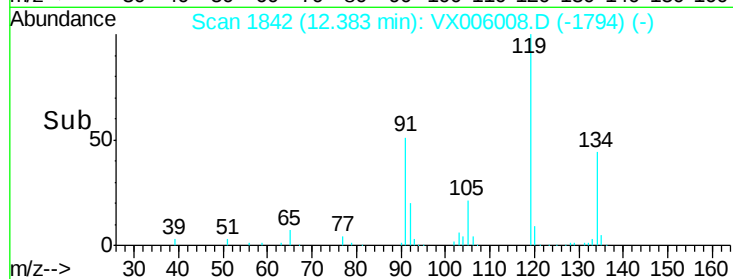
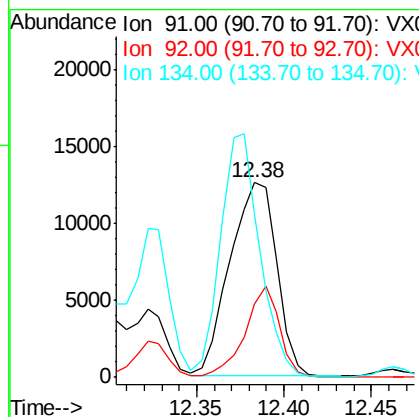
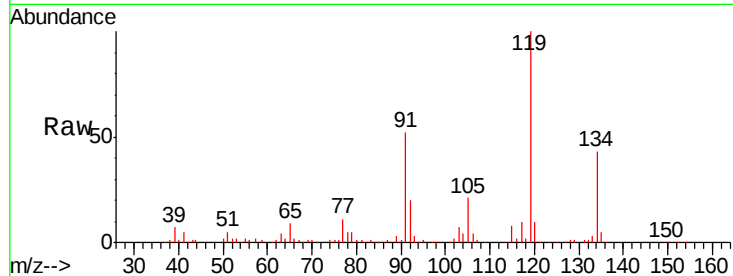




#89
n-Butylbenzene
Concen: 5.09 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Instrument :
MSVOA_X
ClientSampled :
T-3

Tgt Ion: 91 Resp: 23447
Ion Ratio Lower Upper
91 100
92 34.6 26.1 78.2
134 105.4 13.1 39.3#



#95
Naphthalene
Concen: 3.47 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006008.D
Acq: 15 Nov 2018 07:12

Tgt Ion: 128 Resp: 15548
Ion Ratio Lower Upper
128 100
127 14.3 10.4 15.6
129 13.3 8.7 13.1#

