

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005834.D
 Acq On : 07 Nov 2018 18:11
 Operator : JC/MD
 Sample : J5848-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S81-0100

Quant Time: Nov 08 10:44:10 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	5.67	168	121693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	154661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	132987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	68762	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	69294	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	5.50	113	57665	54.82	ug/l	0.00
Spiked Amount			Recovery	=	109.64%	
50) Toluene-d8	8.71	98	182672	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.14	95	63924	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	

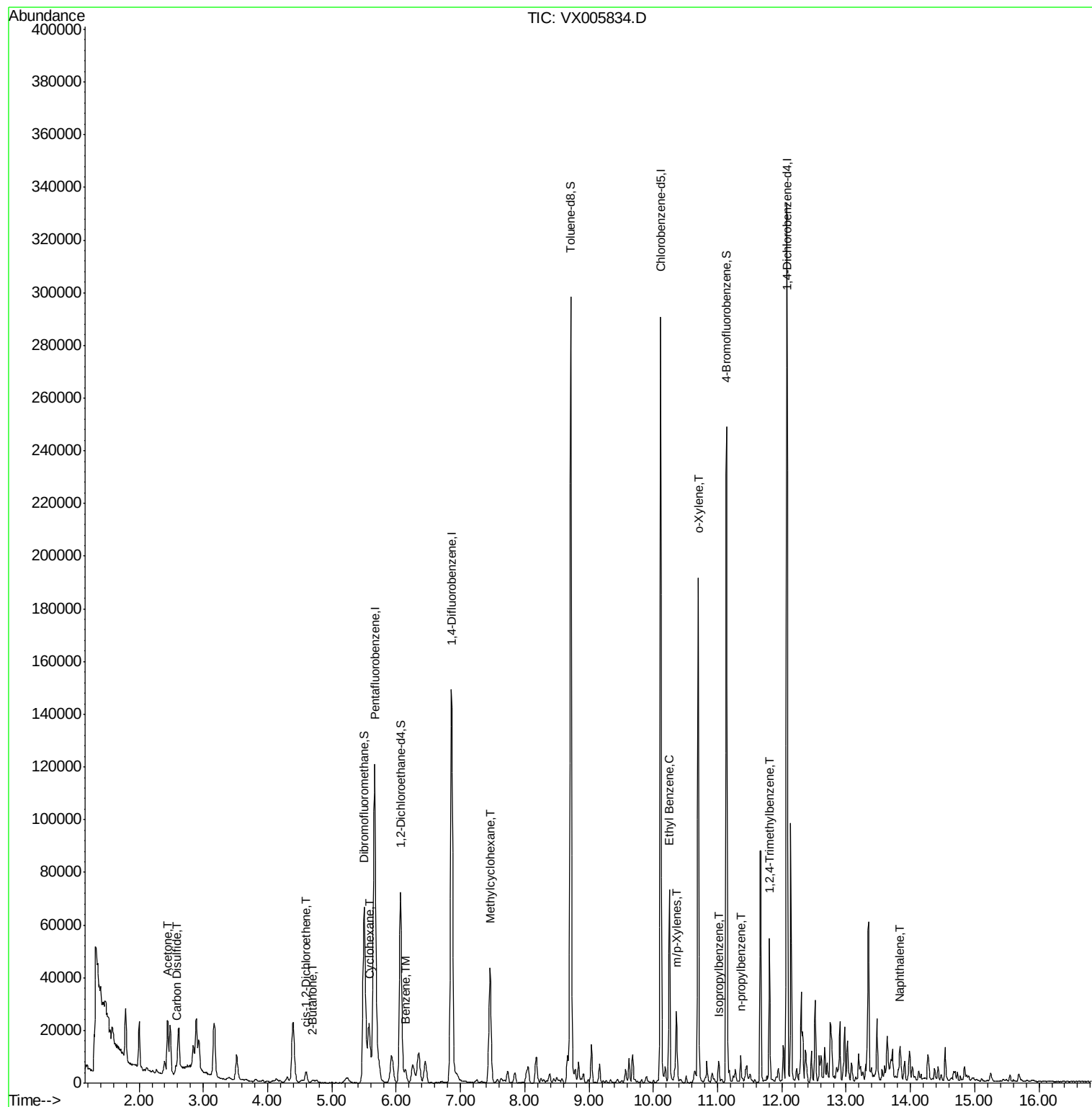
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	21435	28.456	ug/l	98
17) Carbon Disulfide	2.58	76	4996	1.557	ug/l	100
25) 2-Butanone	4.70	43	2239	1.891	ug/l #	89
27) cis-1,2-Dichloroethene	4.59	96	2672	2.133	ug/l	96
31) Cyclohexane	5.58	56	14170	7.271	ug/l	98
39) Methylcyclohexane	7.46	83	17181	11.370	ug/l	94
40) Benzene	6.14	78	5502	1.266	ug/l	95
67) Ethyl Benzene	10.25	91	40677	9.522	ug/l	99
68) m/p-Xylenes	10.36	106	5203	3.193	ug/l	96
69) o-Xylene	10.70	106	41630	28.490	ug/l	99
73) Isopropylbenzene	11.02	105	4222	1.062	ug/l	100
78) n-propylbenzene	11.36	91	5664	1.209	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	24086	6.354	ug/l	99
95) Naphthalene	13.83	128	7492	2.656	ug/l #	89

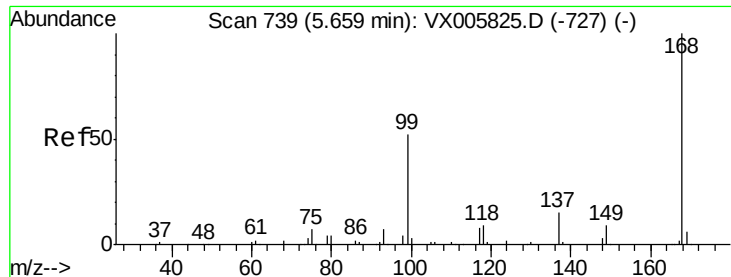
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005834.D

Acq: 07 Nov 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

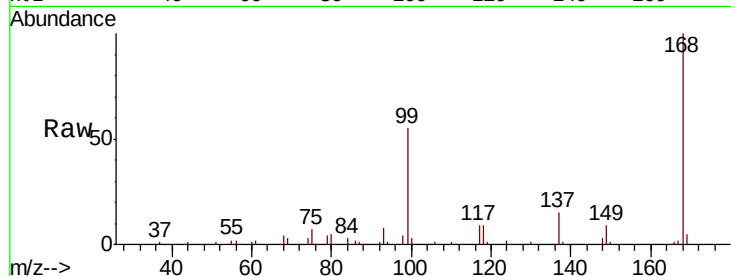
S81-0100

Tot Ion:168 Resp: 121693

Ion Ratio Lower Upper

168 100

99 54.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

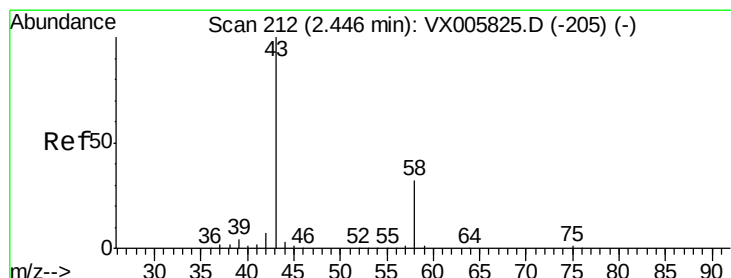
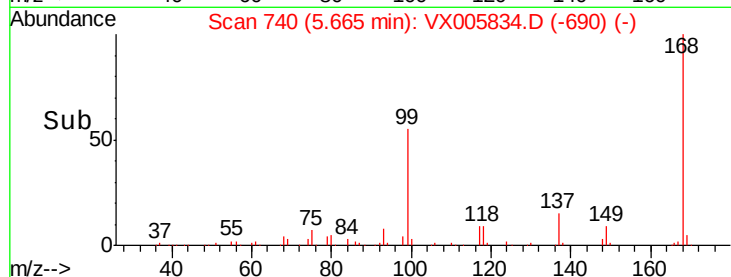
20000

10000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 28.456 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005834.D

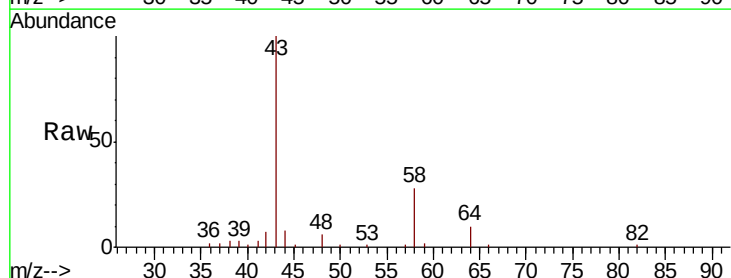
Acq: 07 Nov 2018 18:11

Tgt Ion: 43 Resp: 21435

Ion Ratio Lower Upper

43 100

58 28.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

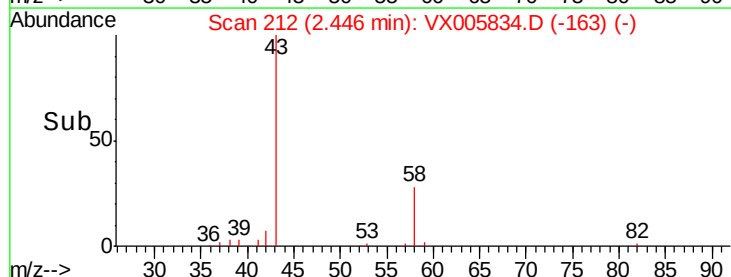
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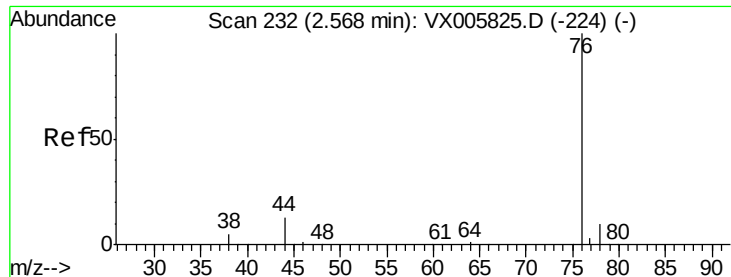
5000

0

Time-->

2.40 2.45 2.50 2.55





#17

Carbon Disulfide

Concen: 1.557 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX005834.D

Acq: 07 Nov 2018 18:11

Instrument :

MSVOA_X

ClientSampled :

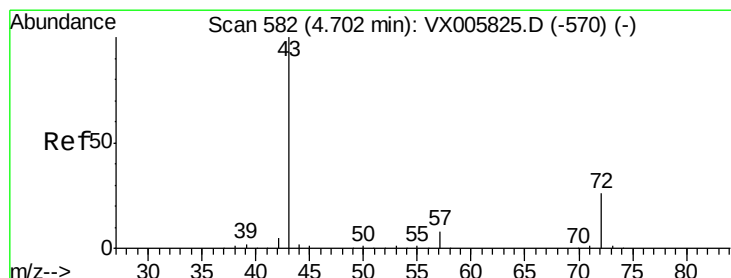
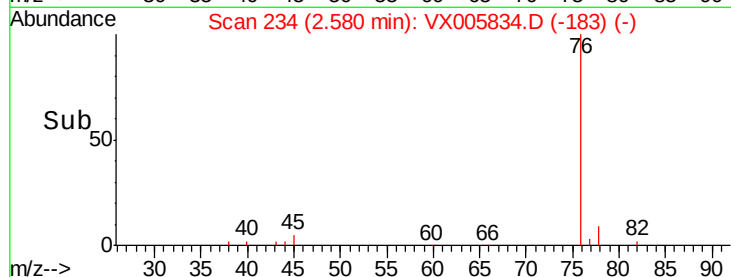
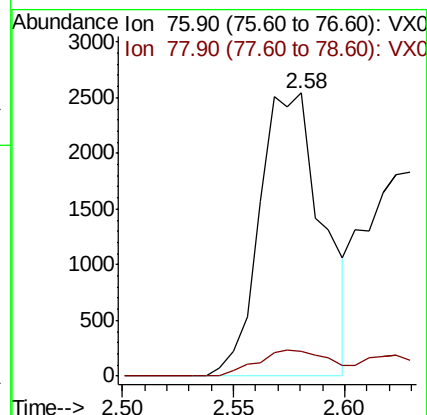
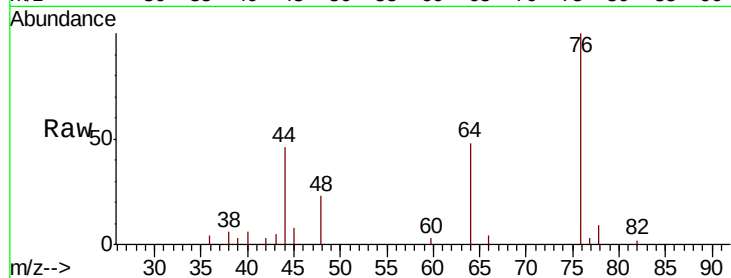
S81-0100

Tot Ion: 76 Resp: 4996

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



#25

2-Butanone

Concen: 1.891 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005834.D

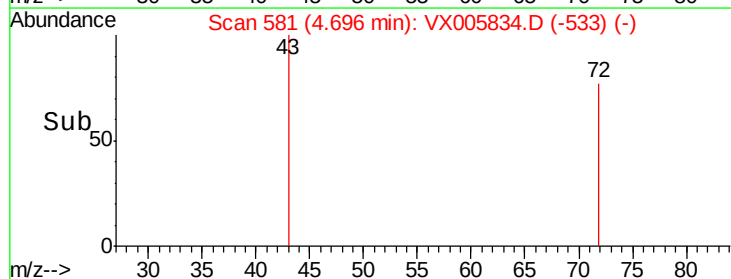
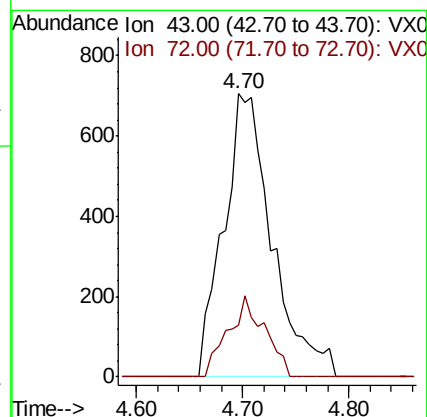
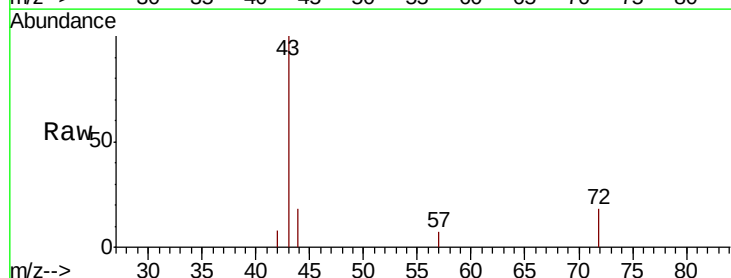
Acq: 07 Nov 2018 18:11

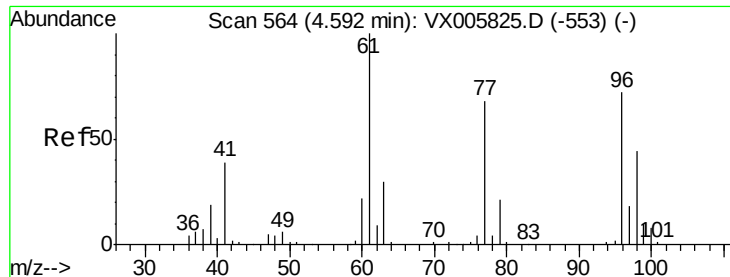
Tgt Ion: 43 Resp: 2239

Ion Ratio Lower Upper

43 100

72 18.4 19.2 28.8#



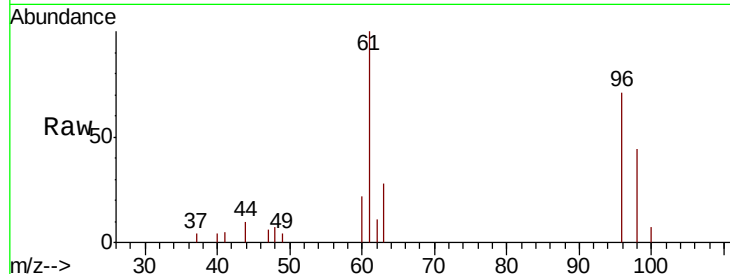


#27

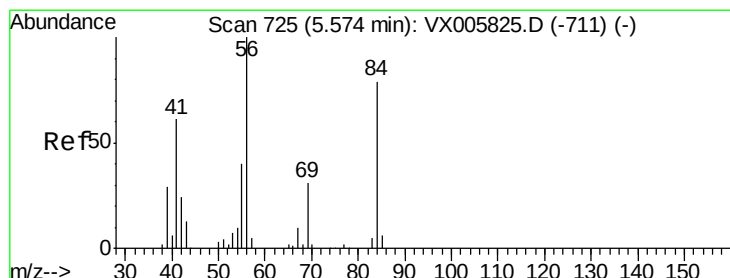
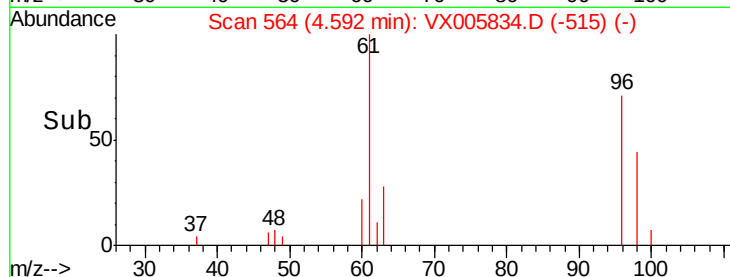
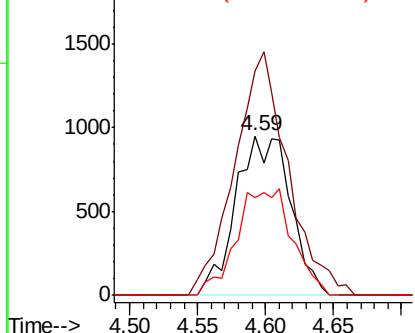
cis-1,2-Dichloroethene
Concen: 2.133 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005834.D
Acq: 07 Nov 2018 18:11

Instrument :
MSVOA_X
ClientSampled :
S81-0100

Tot Ion: 96 Resp: 2672
Ion Ratio Lower Upper
96 100
61 148.9 0.0 304.6
98 68.1 0.0 127.4



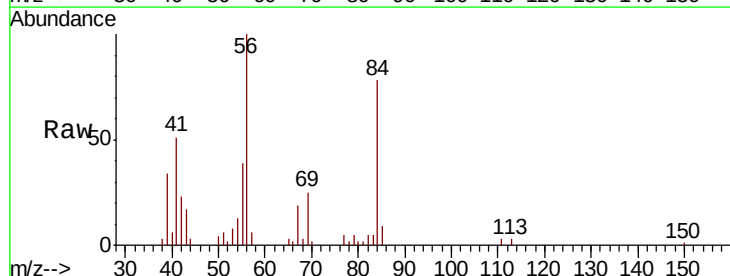
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



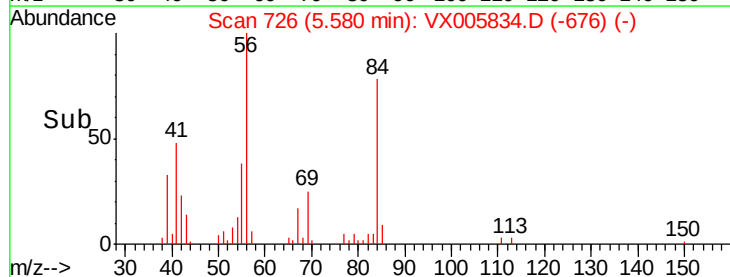
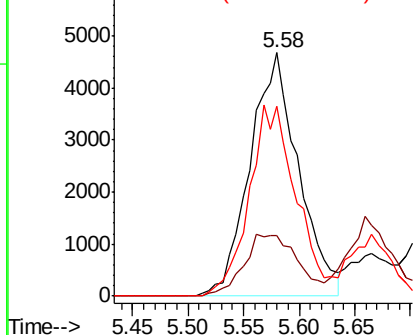
#31

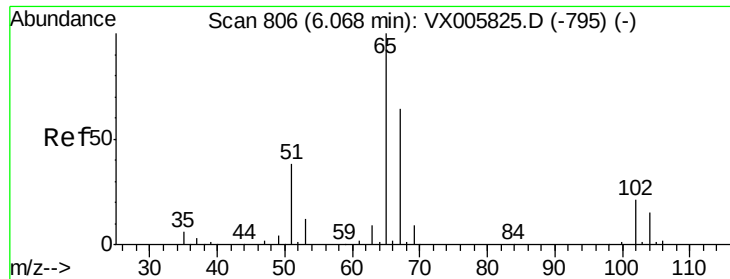
Cyclohexane
Concen: 7.271 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005834.D
Acq: 07 Nov 2018 18:11

Tgt Ion: 56 Resp: 14170
Ion Ratio Lower Upper
56 100
69 24.9 22.6 34.0
84 77.9 62.7 94.1



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

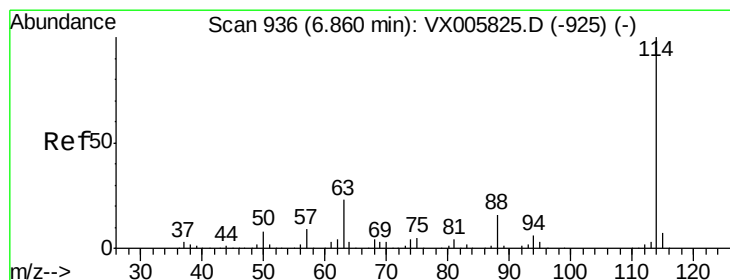
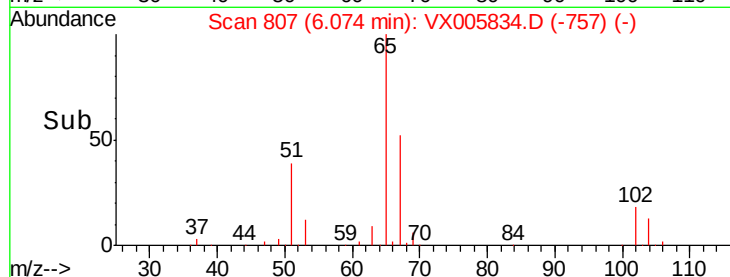
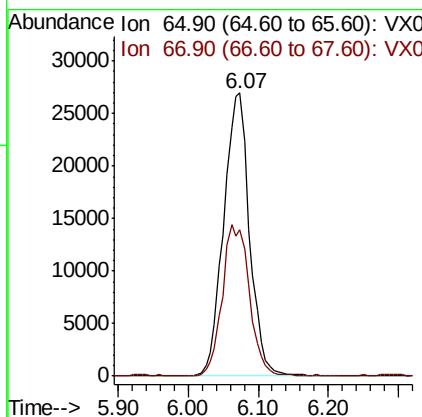
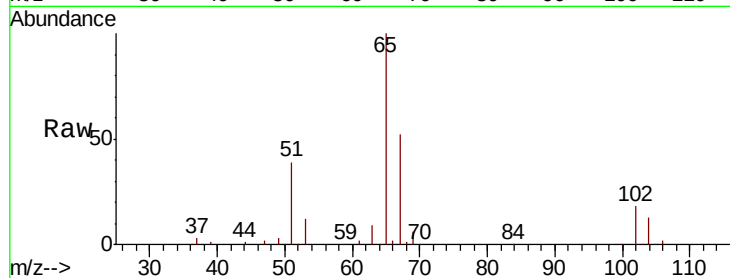




#33
 1,2-Dichloroethane-d4
 Concen: 49.530 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005834.D
 Acq: 07 Nov 2018 18:11

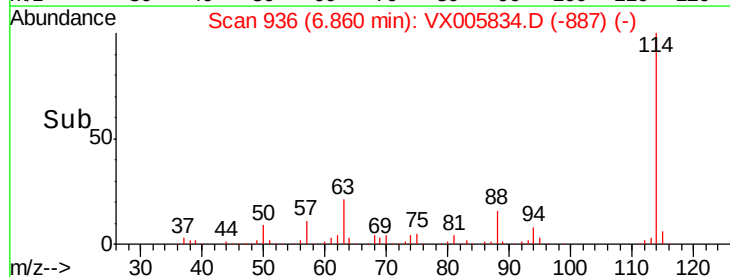
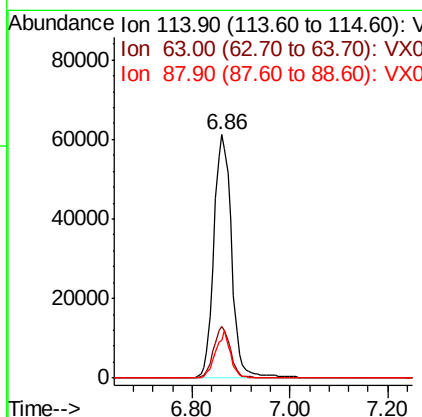
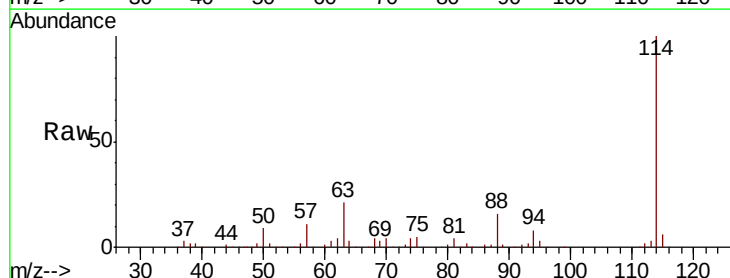
Instrument :
 MSVOA_X
 ClientSampleId :
 S81-0100

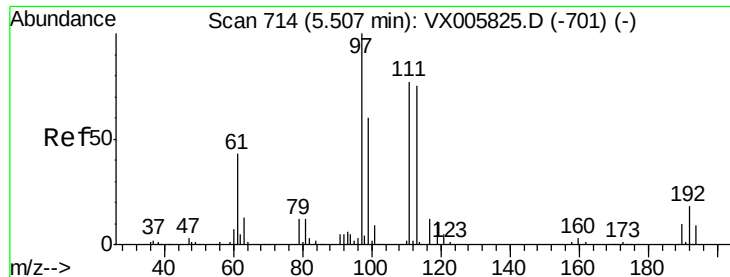
Tot Ion: 65 Resp: 69294
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005834.D
 Acq: 07 Nov 2018 18:11

Tgt Ion: 114 Resp: 154661
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.6 0.0 31.2

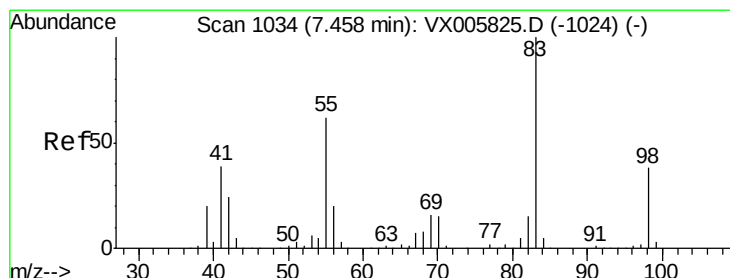
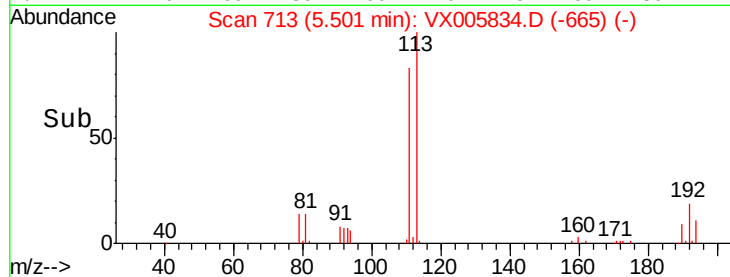
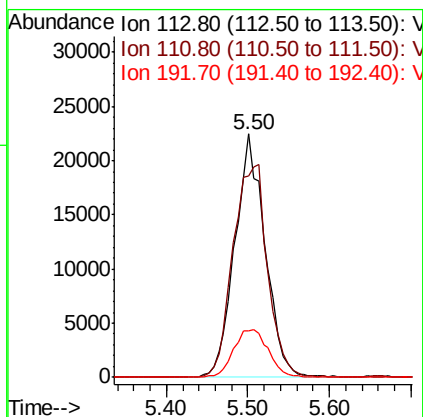
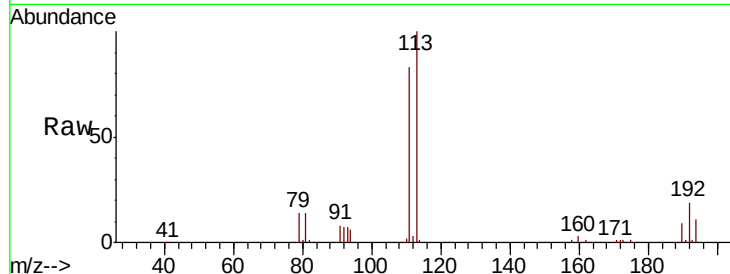




#35
 Dibromofluoromethane
 Concen: 54.818 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005834.D
 Acq: 07 Nov 2018 18:11

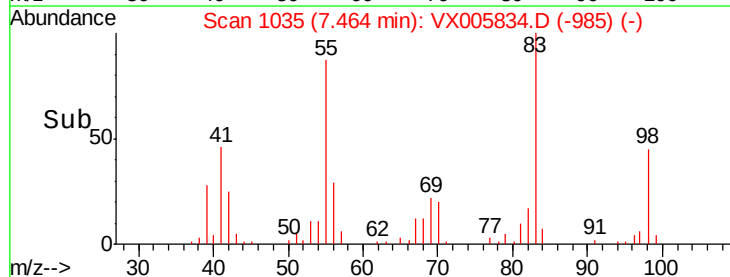
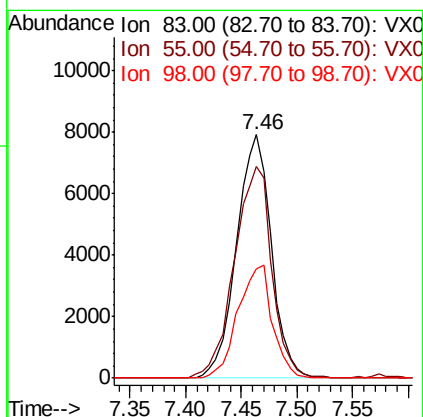
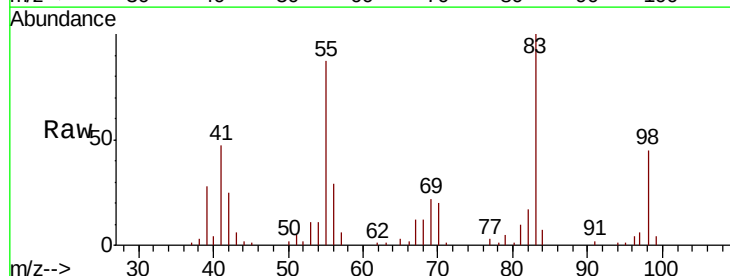
Instrument :
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 ClientSampleId :
 S81-0100

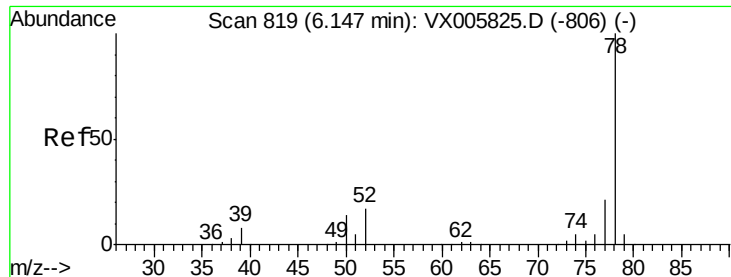
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.7	82.3	123.5
192	22.5	17.9	26.9



#39
 Methylcyclohexane
 Concen: 11.370 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX005834.D
 Acq: 07 Nov 2018 18:11

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.9	63.7	95.5
98	44.9	36.2	54.2

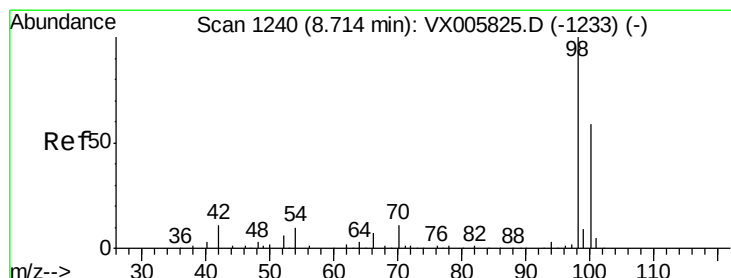
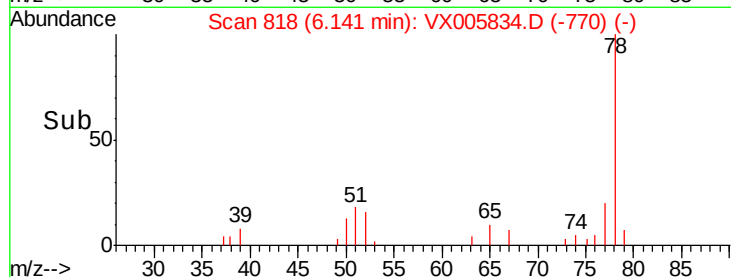
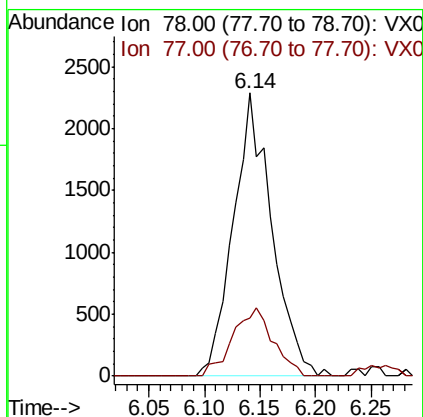
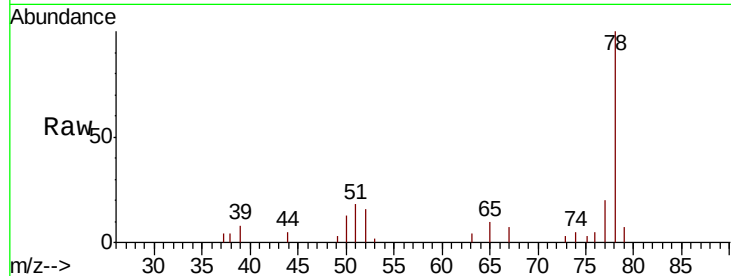




#40
Benzene
Concen: 1.266 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005834.D
Acq: 07 Nov 2018 18:11

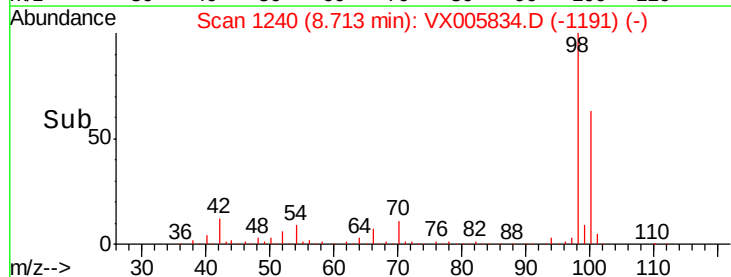
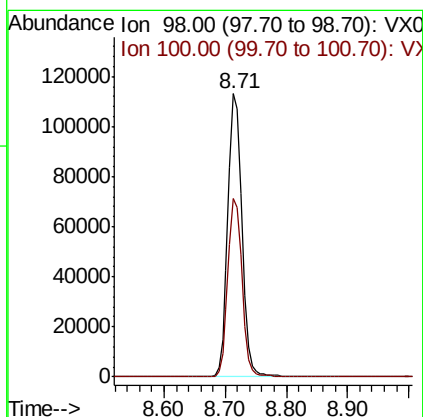
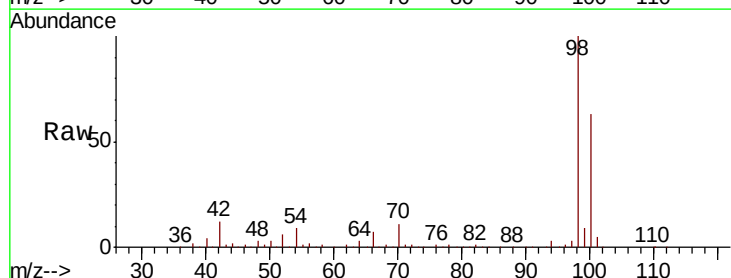
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MSVOA_X
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S81-0100

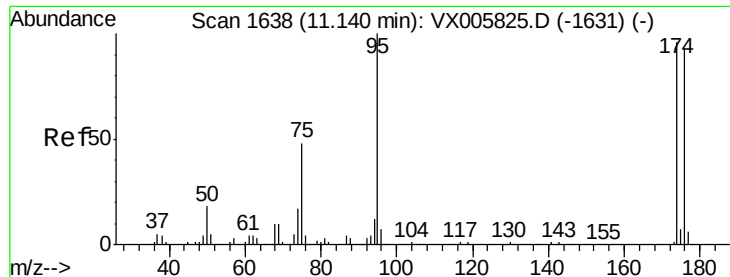
Tot Ion: 78 Resp: 5502
Ion Ratio Lower Upper
78 100
77 20.5 18.4 27.6



#50
Toluene-d8
Concen: 52.234 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005834.D
Acq: 07 Nov 2018 18:11

Tgt Ion: 98 Resp: 182672
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 50.839 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005834.D

Acq: 07 Nov 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

S81-0100

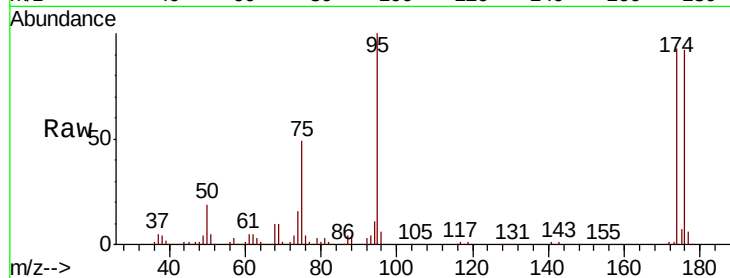
Tot Ion: 95 Resp: 63924

Ion Ratio Lower Upper

95 100

174 90.5 0.0 184.4

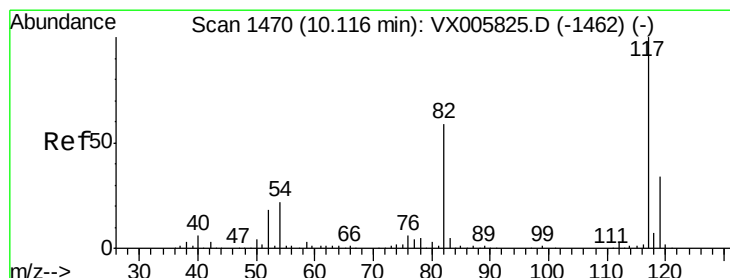
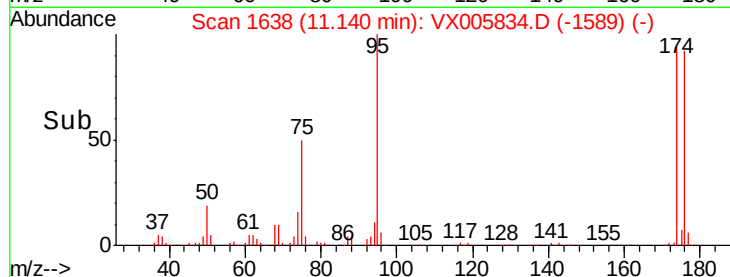
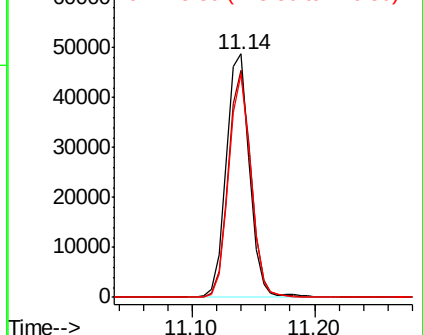
176 87.7 0.0 177.4



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: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005834.D

Acq: 07 Nov 2018 18:11

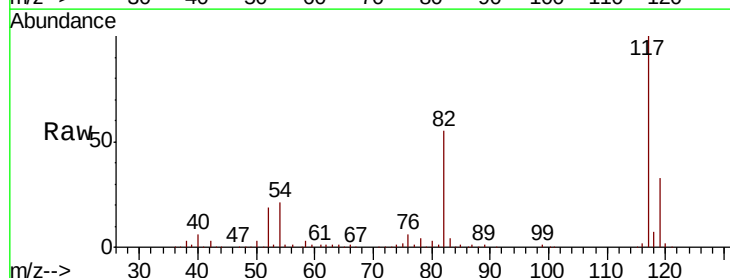
Tgt Ion: 117 Resp: 132987

Ion Ratio Lower Upper

117 100

82 54.7 44.1 66.1

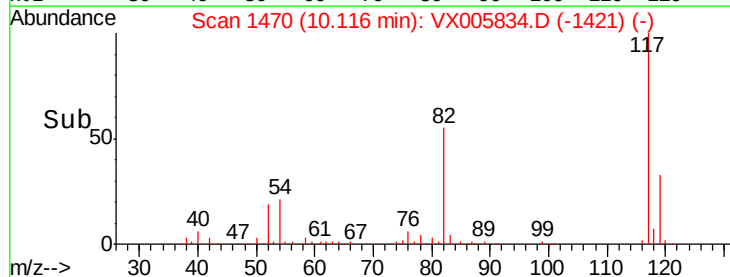
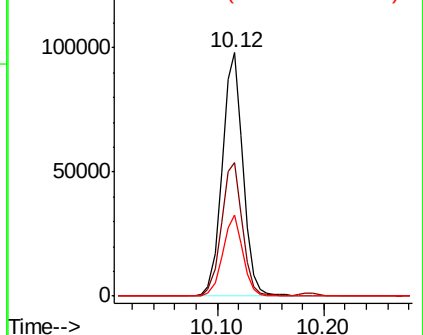
119 33.0 26.2 39.2

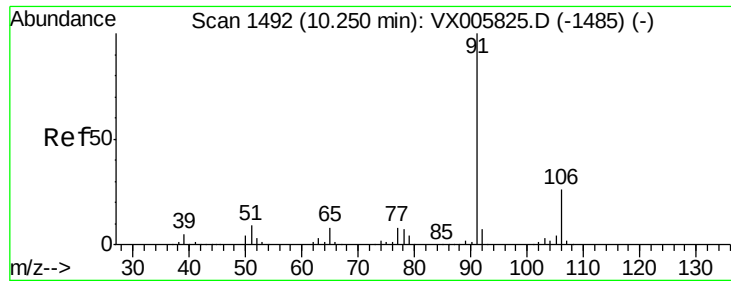


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 9.522 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005834.D

Acq: 07 Nov 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

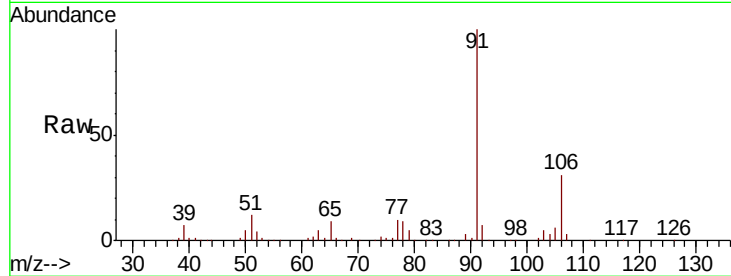
S81-0100

Tot Ion: 91 Resp: 40677

Ion Ratio Lower Upper

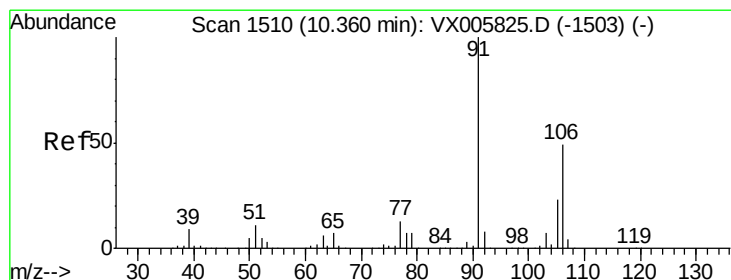
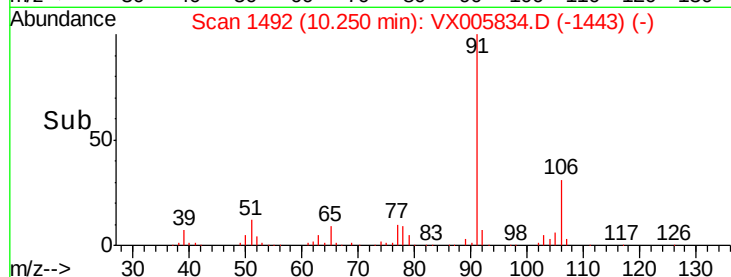
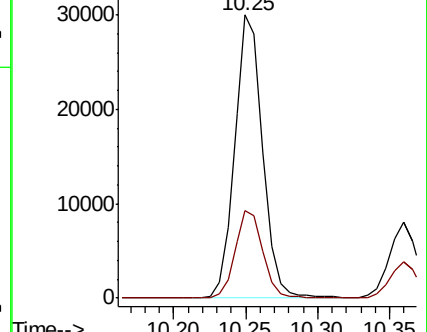
91 100

106 30.9 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005825.D (-1485) (-)



#68

m/p-Xylenes

Concen: 3.193 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005834.D

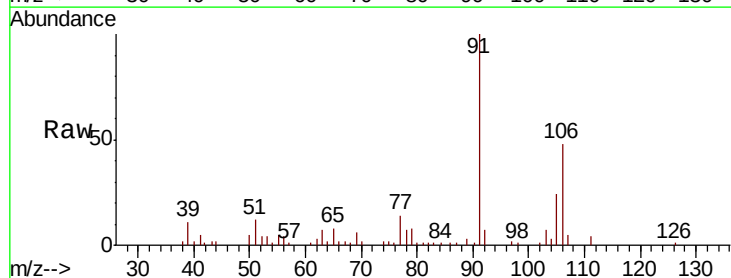
Acq: 07 Nov 2018 18:11

Tgt Ion: 106 Resp: 5203

Ion Ratio Lower Upper

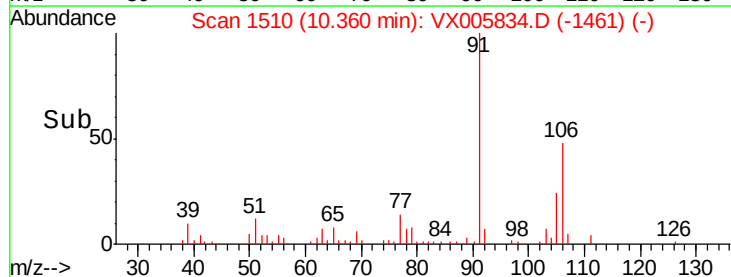
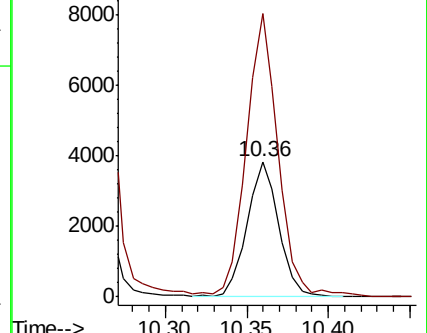
106 100

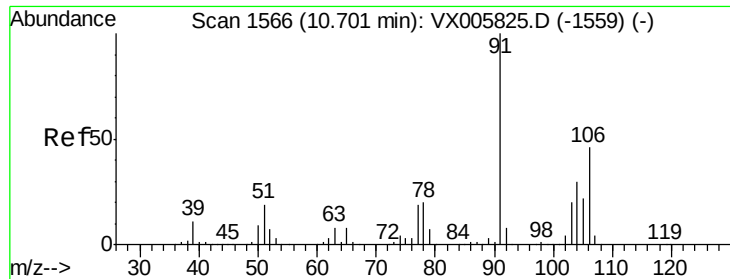
91 211.0 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1503) (-)

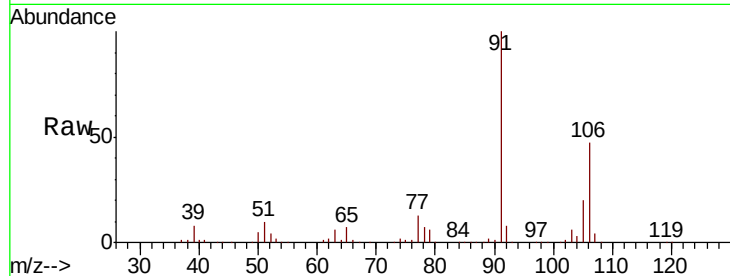




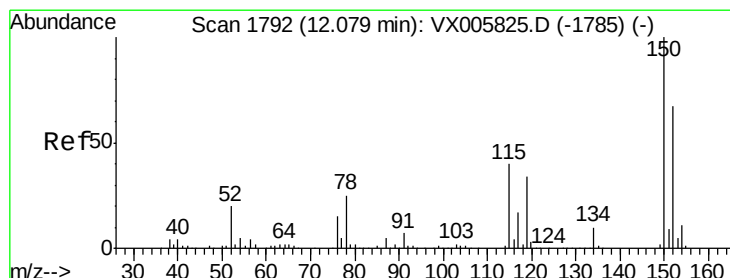
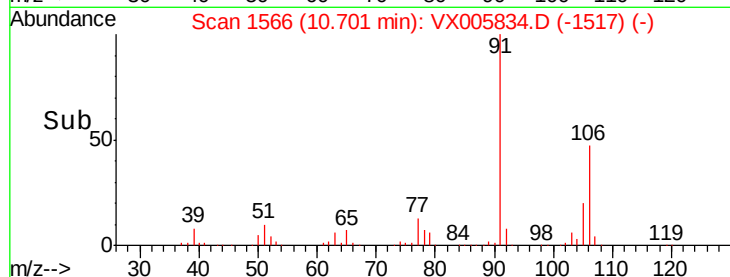
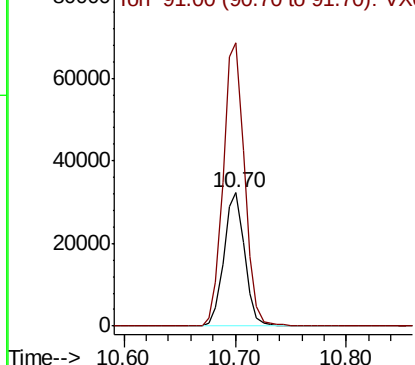
#69
o-Xylene
Concen: 28.490 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005834.D
Acq: 07 Nov 2018 18:11

Instrument :
MSVOA_X
ClientSampleId :
S81-0100

Tot Ion:106 Resp: 41630
Ion Ratio Lower Upper
106 100
91 219.3 108.5 325.5

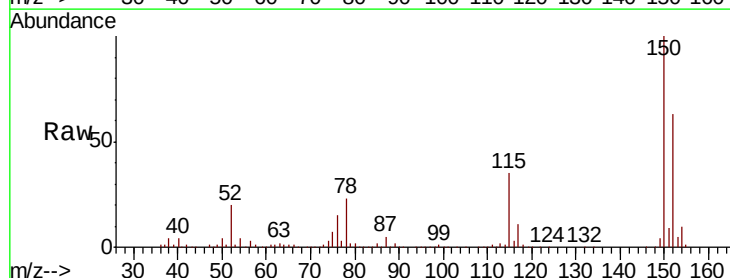


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

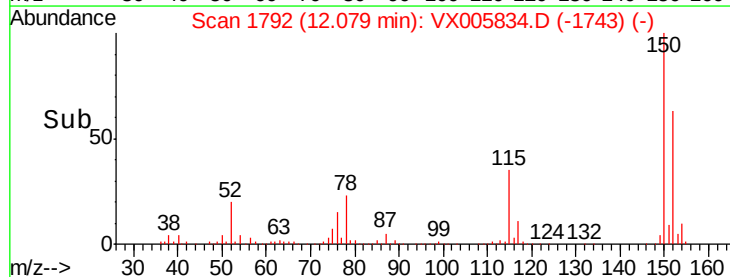
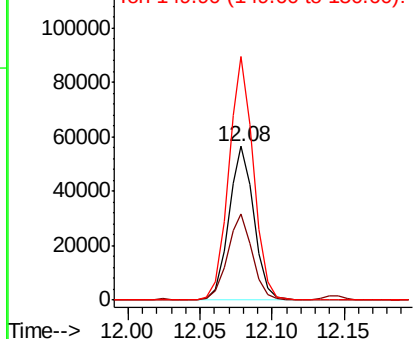


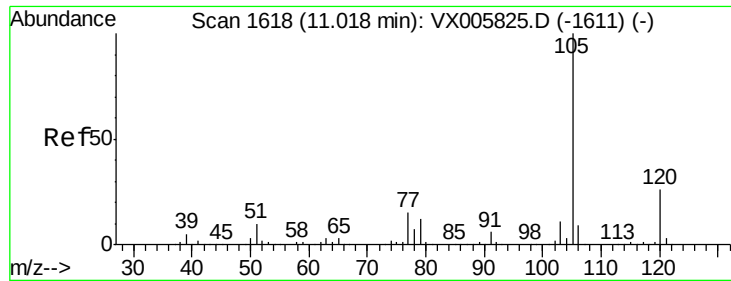
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005834.D
Acq: 07 Nov 2018 18:11

Tgt Ion:152 Resp: 68762
Ion Ratio Lower Upper
152 100
115 55.5 39.4 118.1
150 156.2 0.0 346.4



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: 1.062 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005834.D

Acq: 07 Nov 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

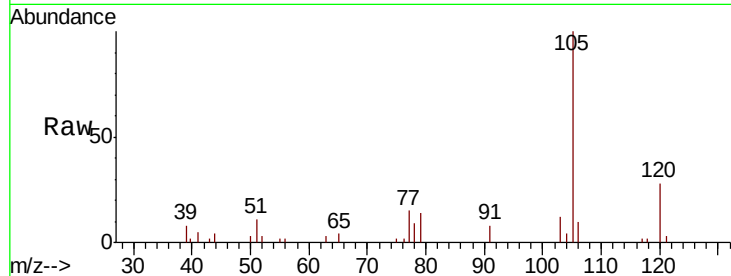
S81-0100

Tot Ion:105 Resp: 4222

Ion Ratio Lower Upper

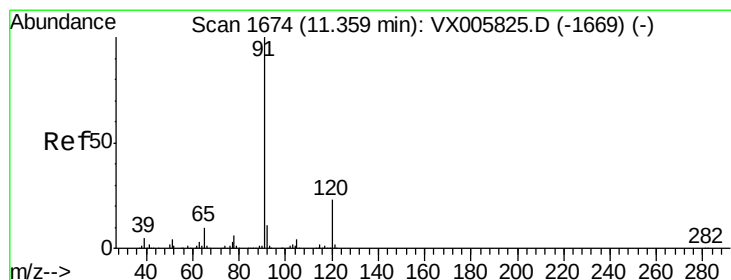
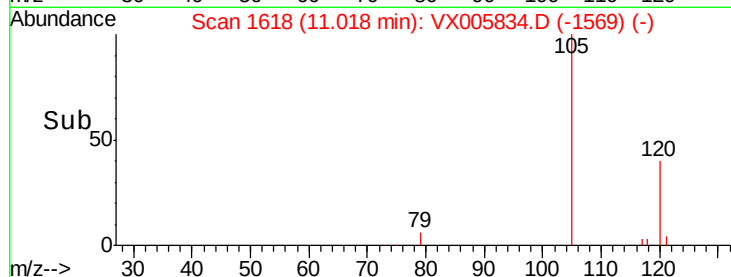
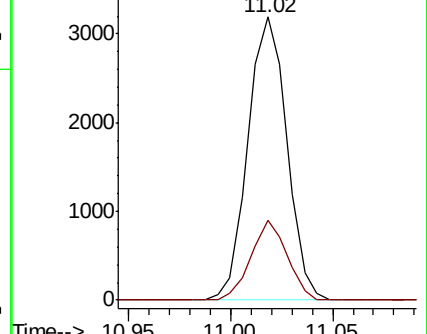
105 100

120 26.2 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: 1.209 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005834.D

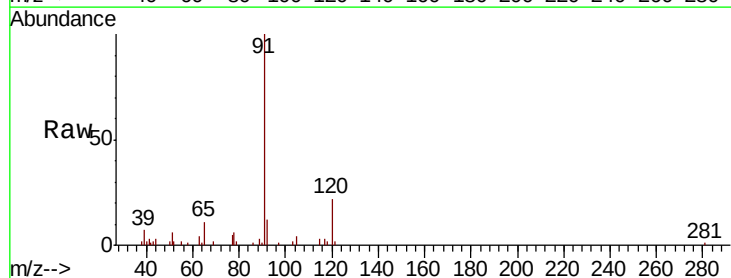
Acq: 07 Nov 2018 18:11

Tgt Ion: 91 Resp: 5664

Ion Ratio Lower Upper

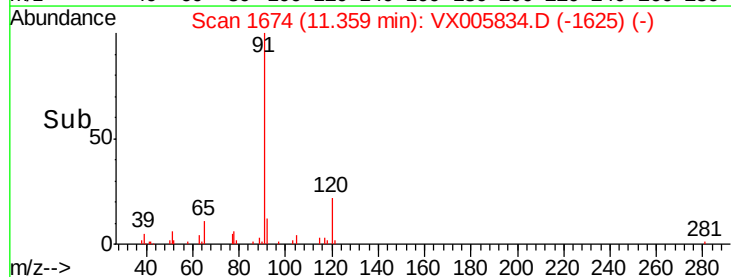
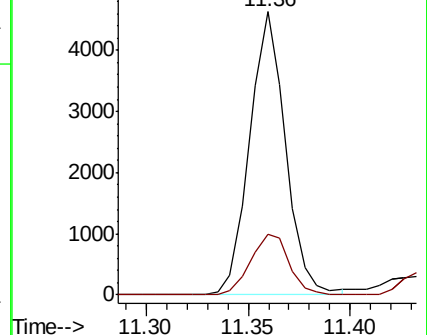
91 100

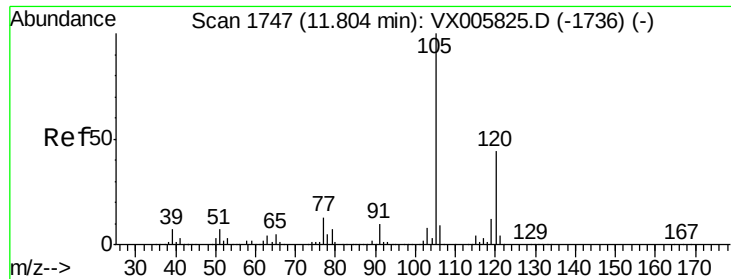
120 22.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

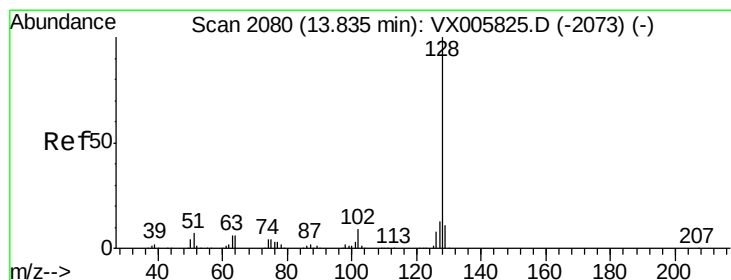
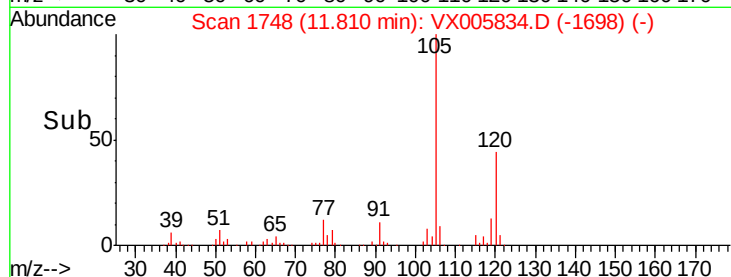
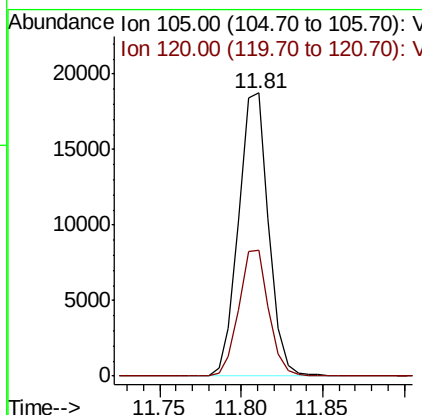
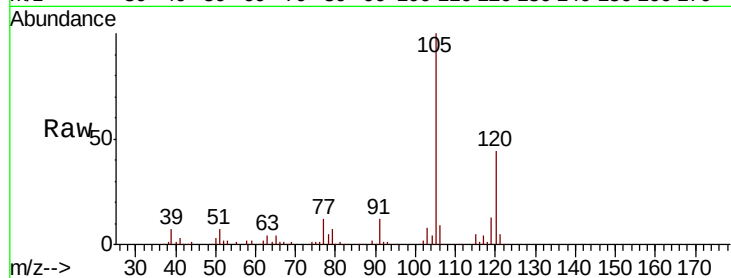




#84
 1,2,4-Trimethylbenzene
 Concen: 6.354 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005834.D
 Acq: 07 Nov 2018 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 S81-0100

Tot Ion:105 Resp: 24086
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.0



#95
 Naphthalene
 Concen: 2.656 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX005834.D
 Acq: 07 Nov 2018 18:11

Tgt Ion:128 Resp: 7492
 Ion Ratio Lower Upper
 128 100
 127 15.8 10.4 15.6#
 129 16.8 8.7 13.1#

