

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005076.D
 Acq On : 05 Oct 2018 19:45
 Operator : JC/MD
 Sample : J5192-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-100218-B

Quant Time: Oct 05 20:12:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198115	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	166577	53.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.54%	
35) Dibromofluoromethane	5.49	113	141086	46.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.54%	
50) Toluene-d8	8.72	98	507177	50.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.14	95	188721	52.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.48%	

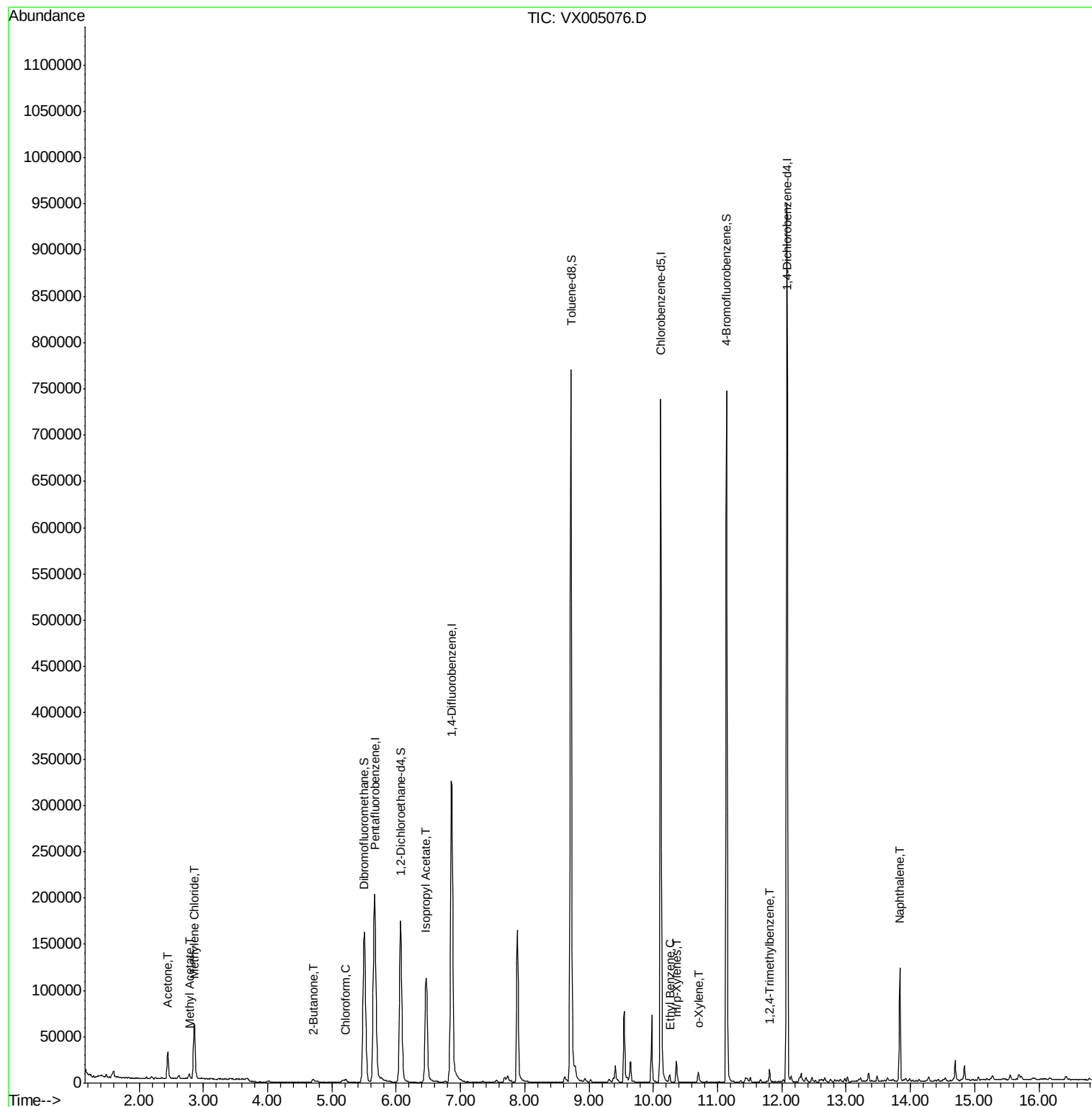
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	30028	16.449	ug/l	90
18) Methyl Acetate	2.78	43	6549	1.416	ug/l	100
20) Methylene Chloride	2.85	84	27721	9.769	ug/l	88
25) 2-Butanone	4.71	43	5682	2.112	ug/l	96
30) Chloroform	5.22	83	2950	0.600	ug/l	92
43) Isopropyl Acetate	6.46	43	160588	20.366	ug/l	96
67) Ethyl Benzene	10.25	91	4534	0.318	ug/l	91
68) m/p-Xylenes	10.36	106	5355	0.960	ug/l	98
69) o-Xylene	10.70	106	1881	0.367	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	5680	0.285	ug/l	99
95) Naphthalene	13.83	128	73753	5.131	ug/l	99

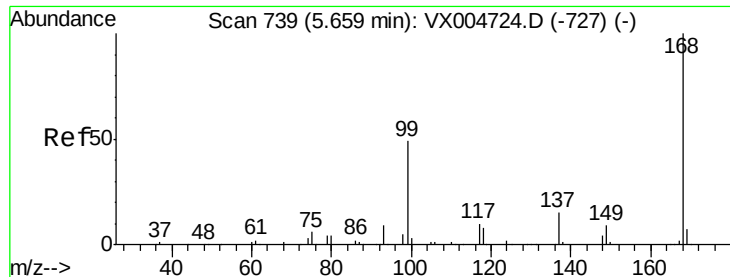
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005076.D

Acq: 05 Oct 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

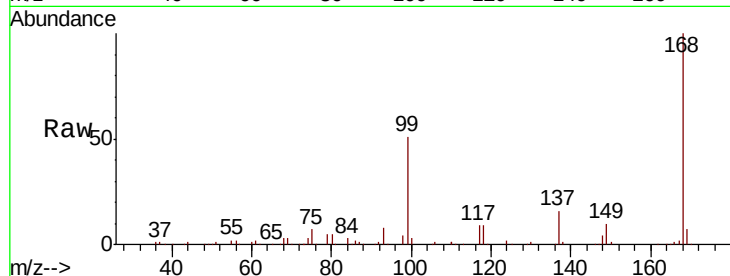
AU-05-100218-B

Tot Ion:168 Resp: 218892

Ion Ratio Lower Upper

168 100

99 51.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

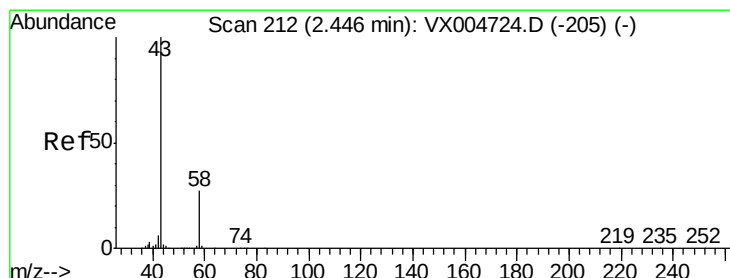
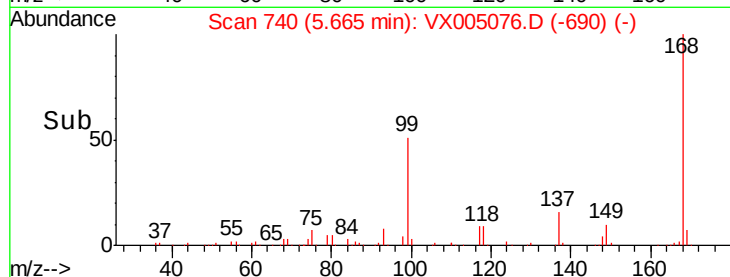
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 16.449 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005076.D

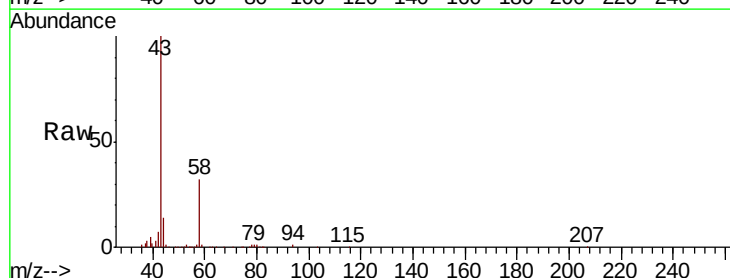
Acq: 05 Oct 2018 19:45

Tgt Ion: 43 Resp: 30028

Ion Ratio Lower Upper

43 100

58 32.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

15000

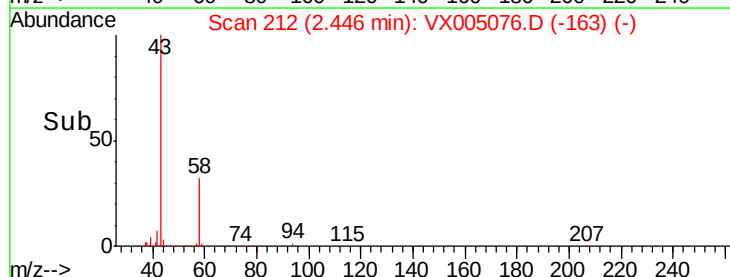
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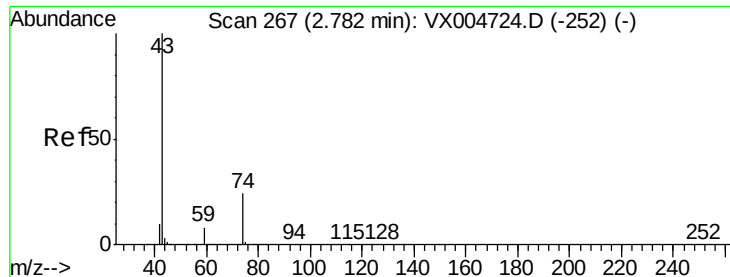
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Time-->

2.35 2.40 2.45 2.50 2.55

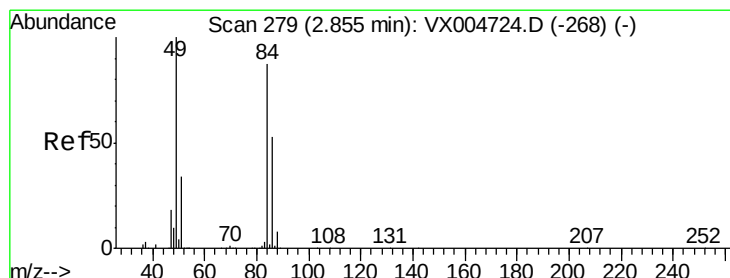
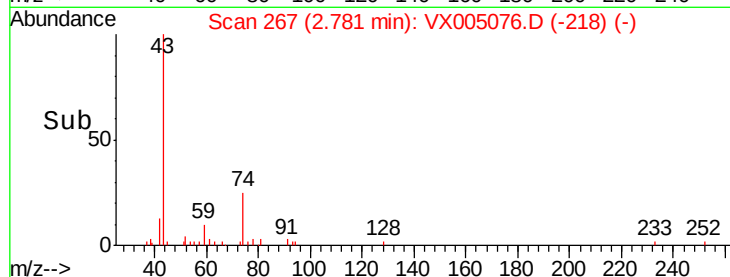
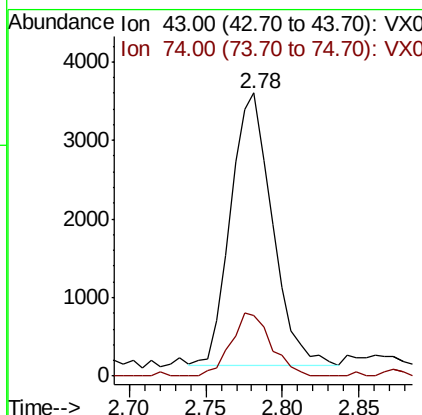
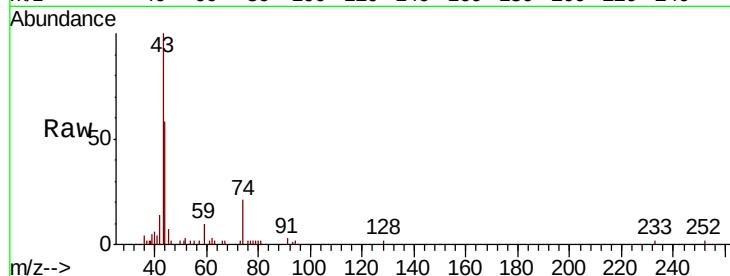




#18
Methvl Acetate
Concen: 1.416 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005076.D
Acq: 05 Oct 2018 19:45

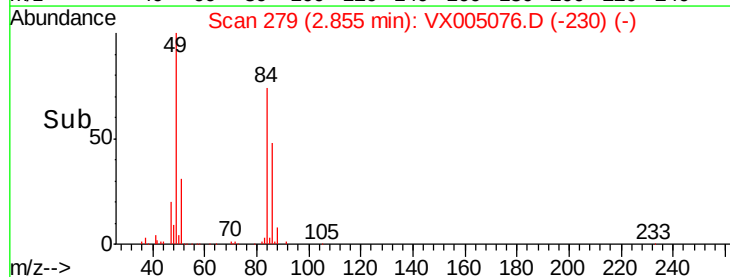
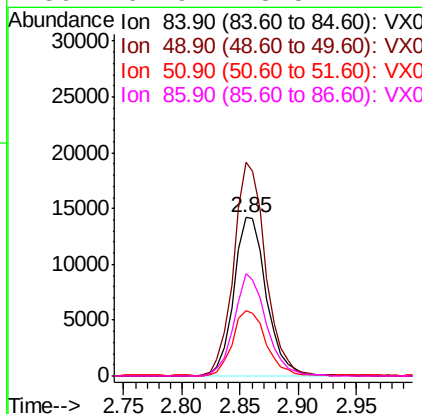
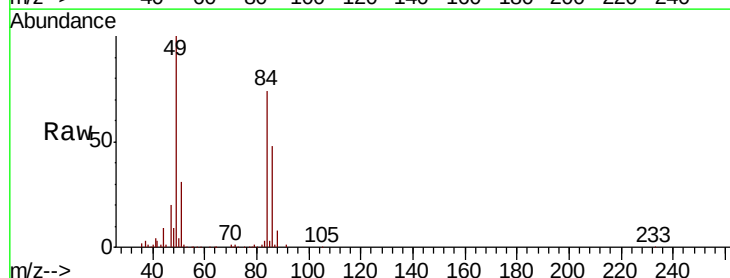
Instrument :
MSVOA_X
ClientSampleId :
AU-05-100218-B

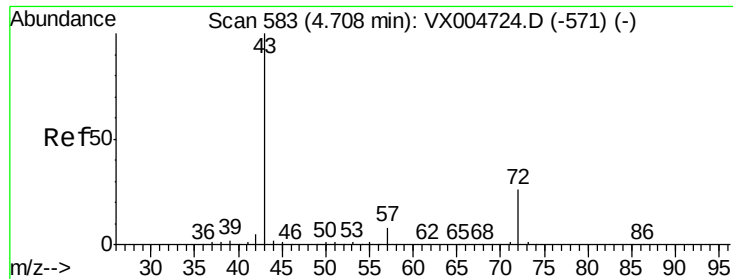
Tot Ion: 43 Resp: 6549
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 9.769 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005076.D
Acq: 05 Oct 2018 19:45

Tgt Ion: 84 Resp: 27721
Ion Ratio Lower Upper
84 100
49 134.9 92.3 138.5
51 41.0 31.8 47.6
86 64.9 48.5 72.7

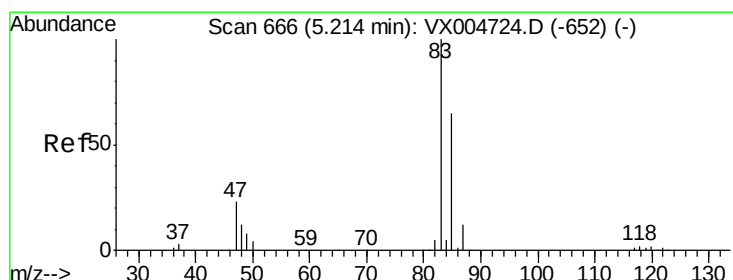
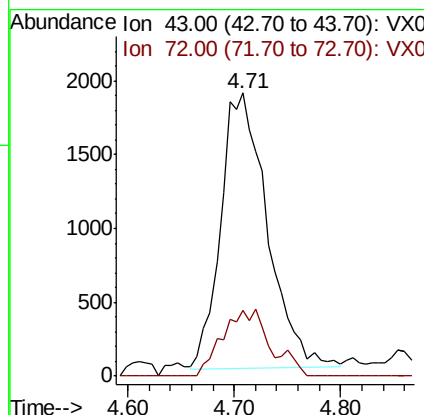
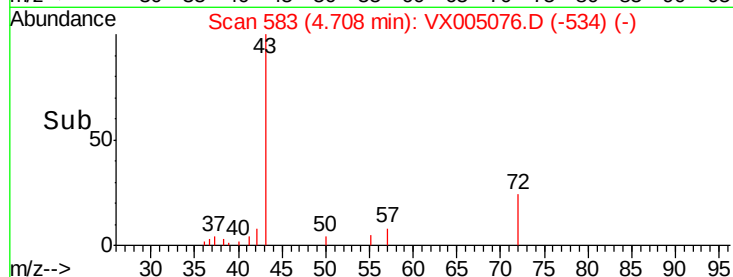
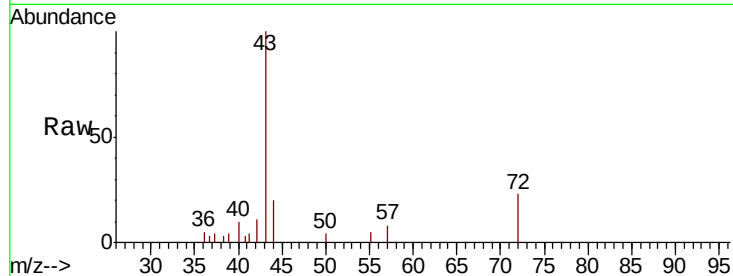




#25
2-Butanone
Concen: 2.112 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX005076.D
Acq: 05 Oct 2018 19:45

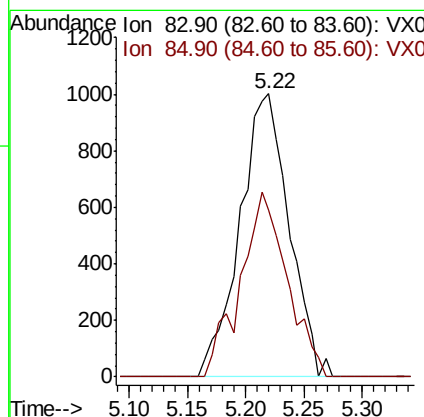
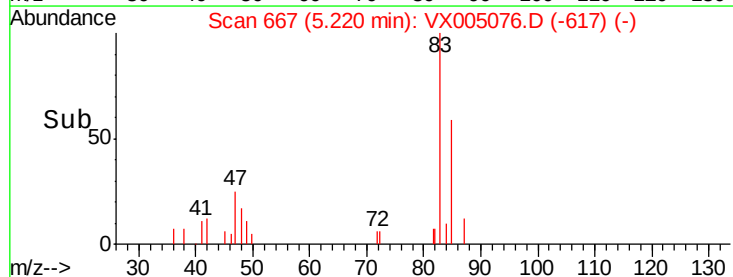
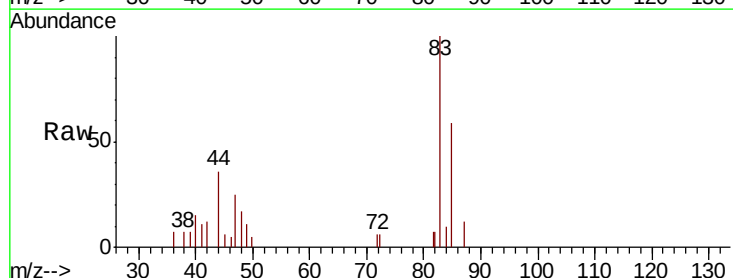
Instrument :
MSVOA_X
ClientSampleId :
AU-05-100218-B

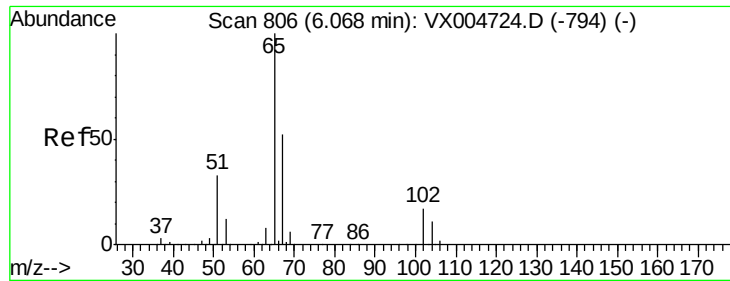
Tot Ion: 43 Resp: 5682
Ion Ratio Lower Upper
43 100
72 23.8 20.8 31.2



#30
Chloroform
Concen: 0.600 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005076.D
Acq: 05 Oct 2018 19:45

Tgt Ion: 83 Resp: 2950
Ion Ratio Lower Upper
83 100
85 58.8 52.4 78.6

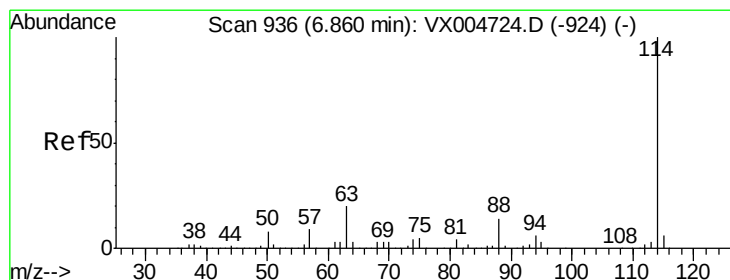
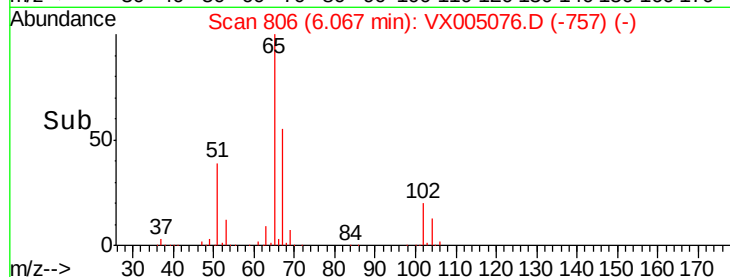
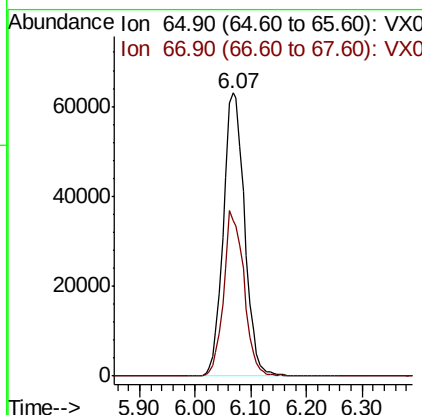
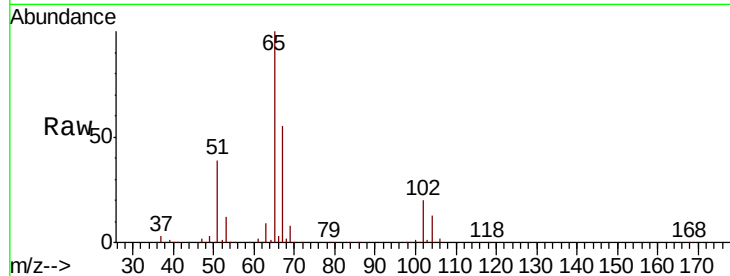




#33
 1,2-Dichloroethane-d4
 Concen: 53.273 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005076.D
 Acq: 05 Oct 2018 19:45

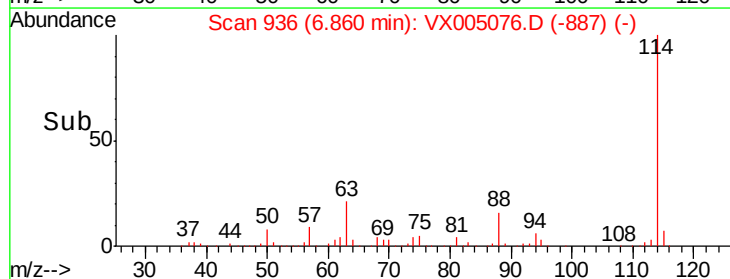
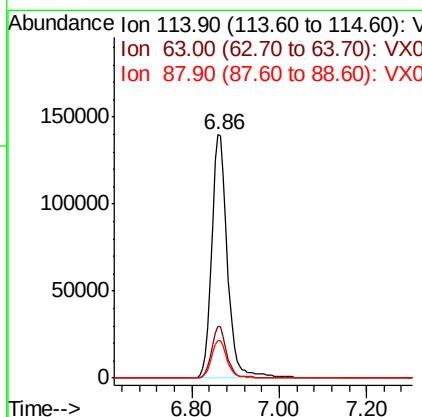
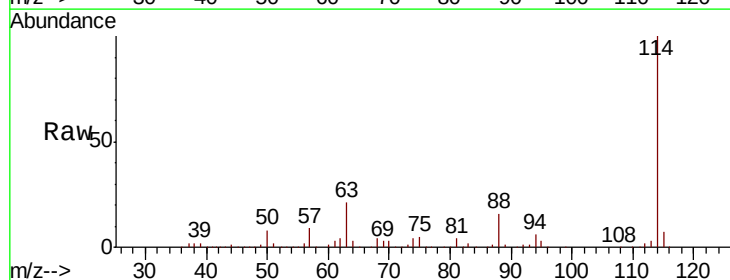
Instrument :
 MSVOA_X
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 AU-05-100218-B

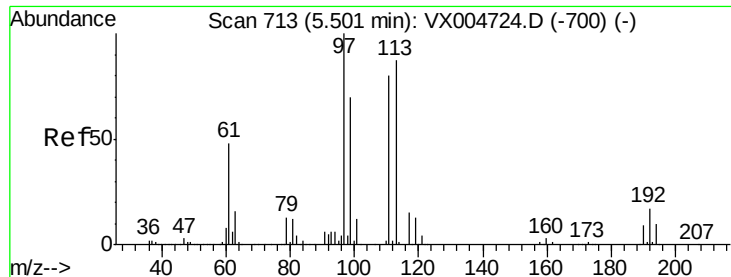
Tot Ion: 65 Resp: 166577
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005076.D
 Acq: 05 Oct 2018 19:45

Tgt Ion: 114 Resp: 355928
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.8
 88 15.6 0.0 27.0

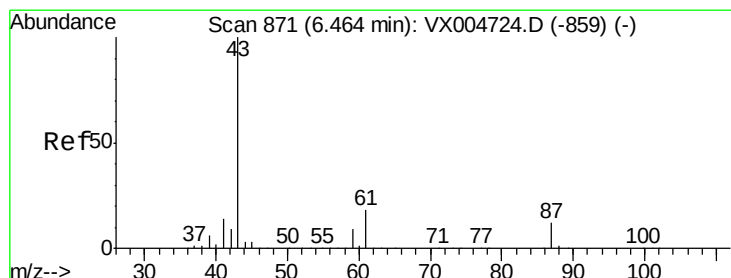
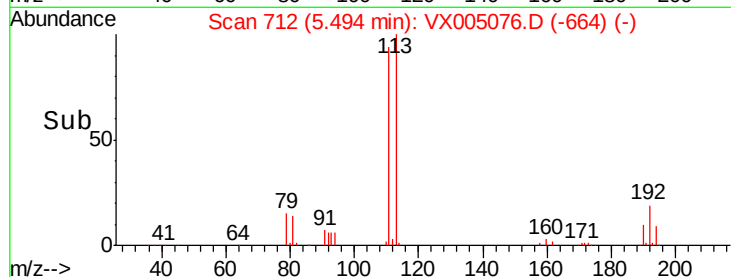
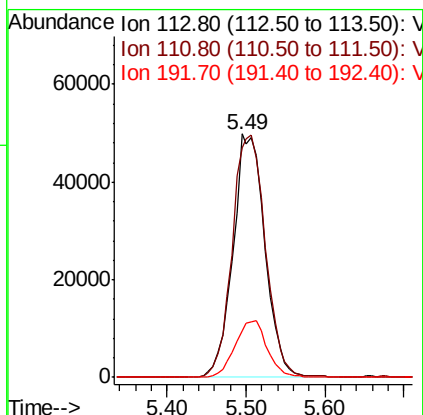
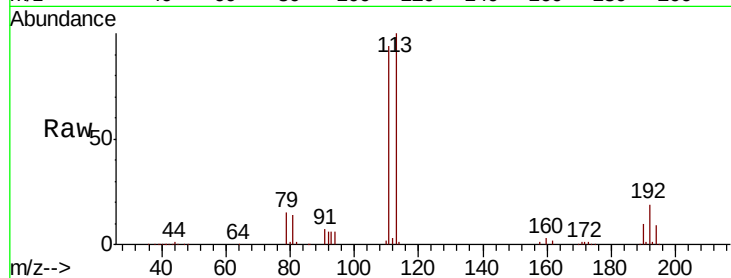




#35
 Dibromofluoromethane
 Concen: 46.771 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005076.D
 Acq: 05 Oct 2018 19:45

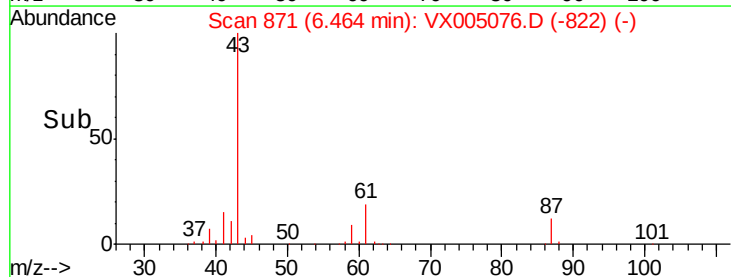
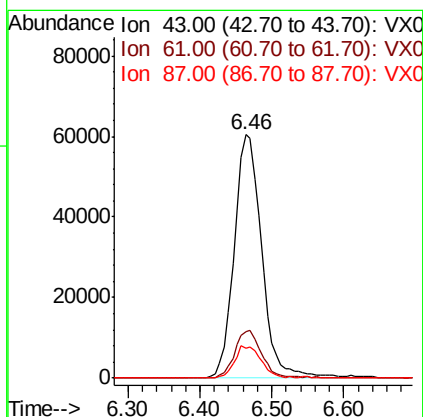
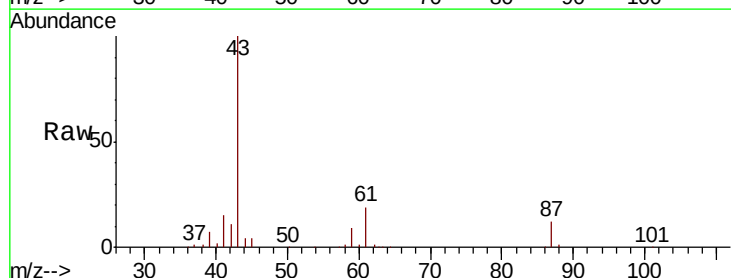
Instrument :
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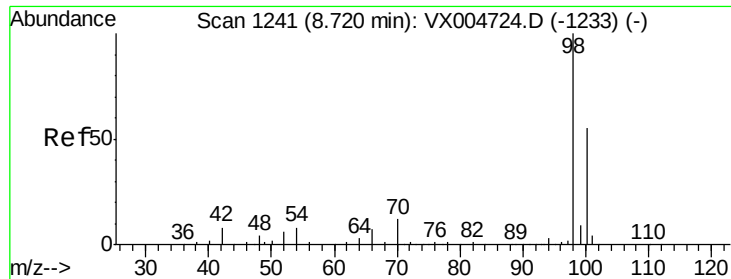
Tot Ion:113 Resp: 141086
 Ion Ratio Lower Upper
 113 100
 111 103.0 77.0 115.4
 192 23.2 17.0 25.6



#43
 Isopropyl Acetate
 Concen: 20.366 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005076.D
 Acq: 05 Oct 2018 19:45

Tgt Ion: 43 Resp: 160588
 Ion Ratio Lower Upper
 43 100
 61 19.5 14.2 21.4
 87 12.9 9.3 13.9

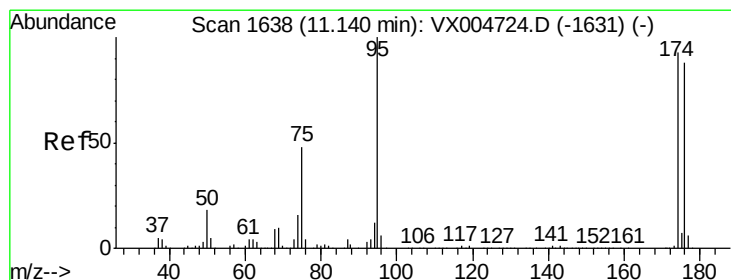
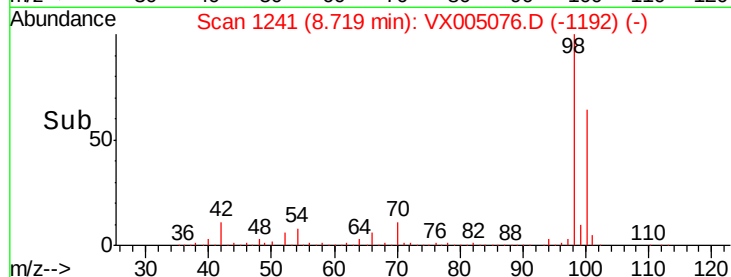
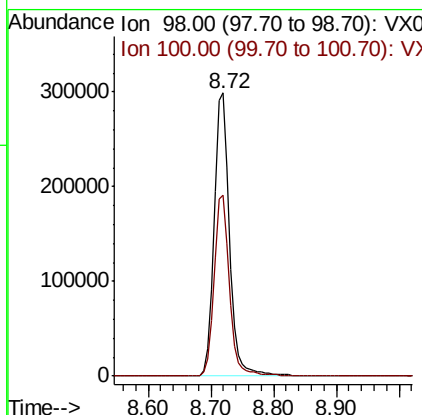
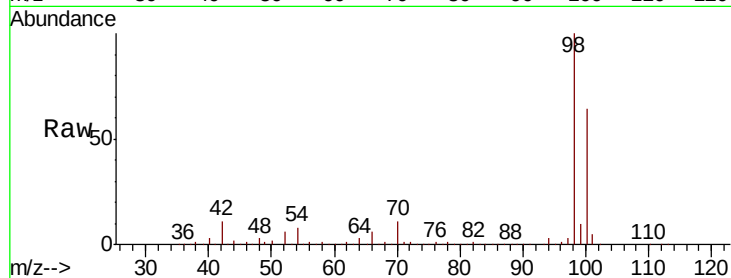




#50
Toluene-d8
Concen: 50.574 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005076.D
Acq: 05 Oct 2018 19:45

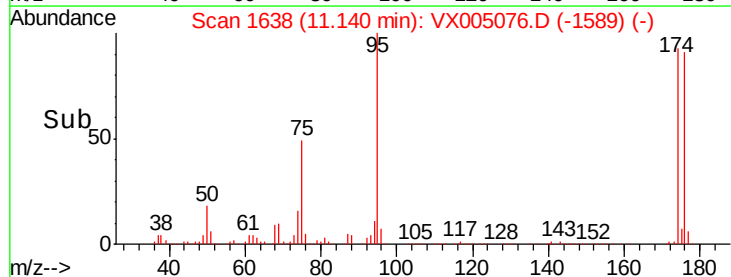
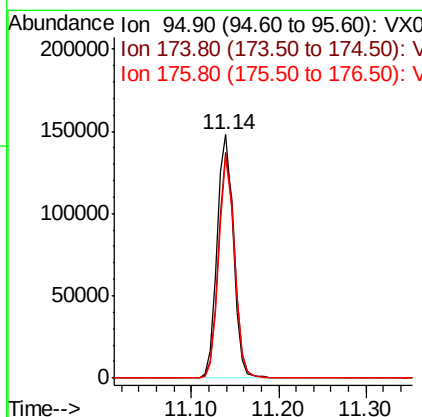
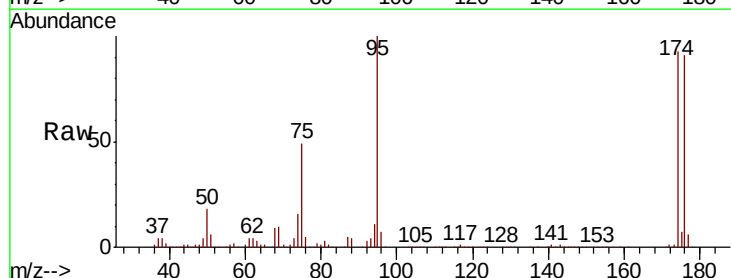
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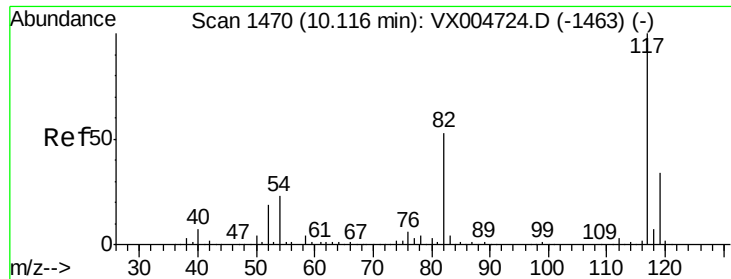
Tot Ion: 98 Resp: 507177
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.237 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005076.D
Acq: 05 Oct 2018 19:45

Tgt Ion: 95 Resp: 188721
Ion Ratio Lower Upper
95 100
174 91.9 0.0 185.0
176 88.0 0.0 180.2

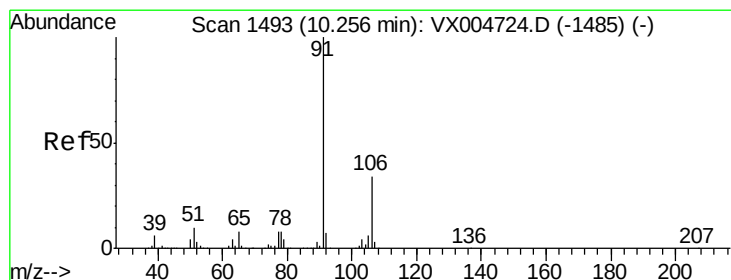
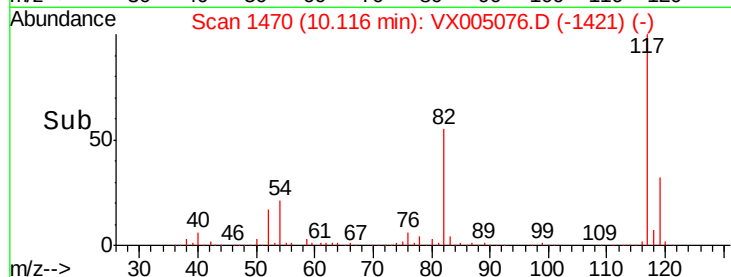
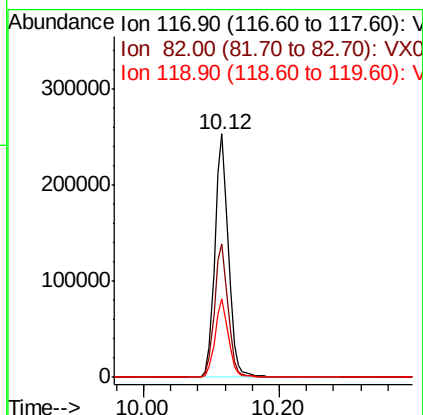
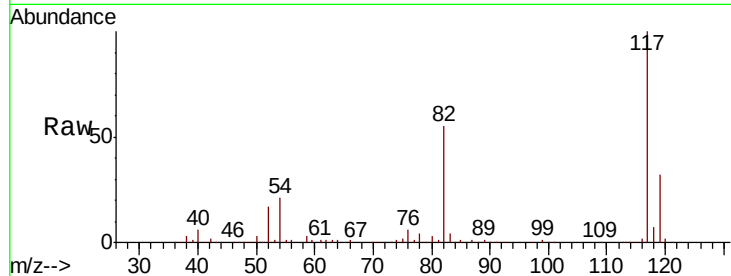




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005076.D
Acq: 05 Oct 2018 19:45

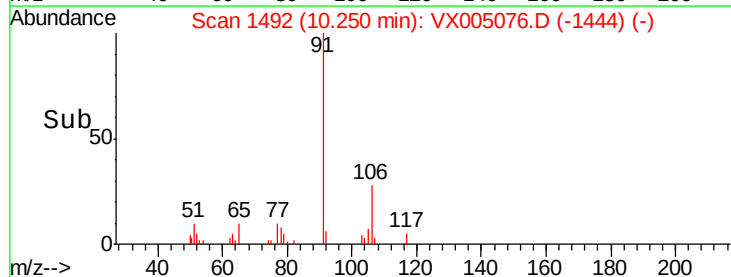
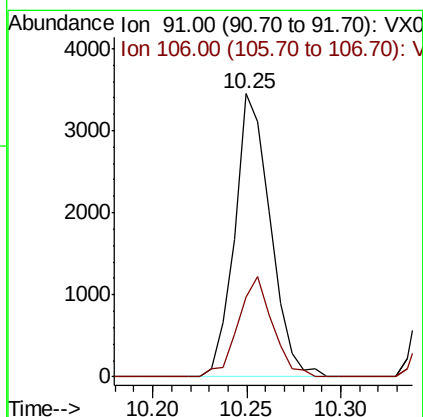
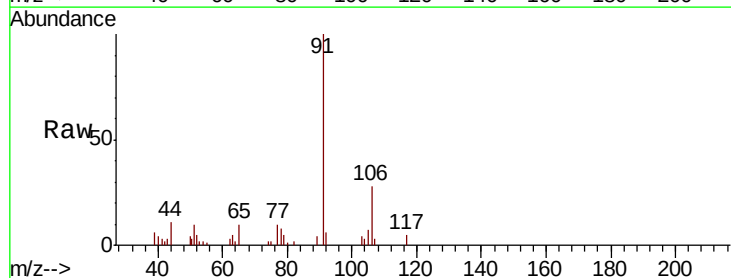
Instrument :
MSVOA_X
ClientSampled :
AU-05-100218-B

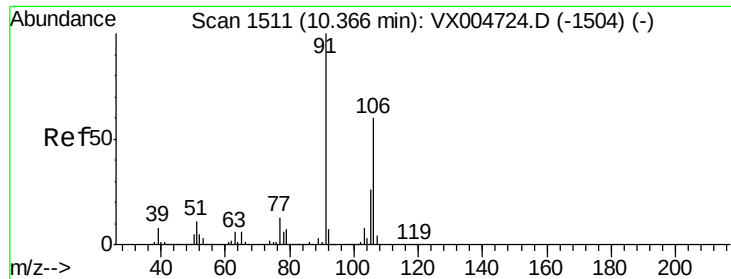
Tot Ion:117 Resp: 350571
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.4 27.4 41.0



#67
Ethyl Benzene
Concen: 0.318 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005076.D
Acq: 05 Oct 2018 19:45

Tgt Ion: 91 Resp: 4534
Ion Ratio Lower Upper
91 100
106 28.2 26.9 40.3

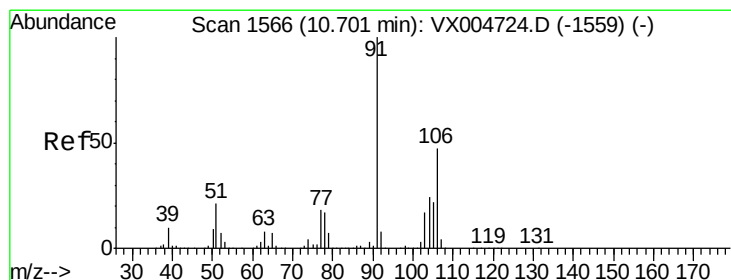
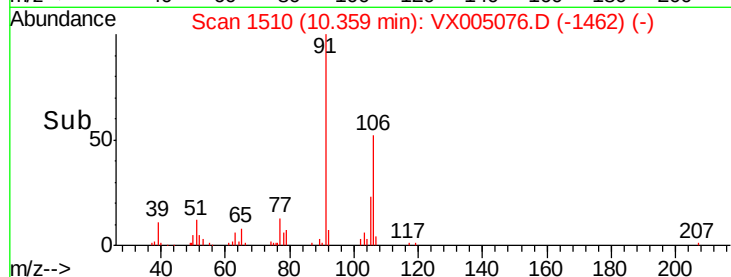
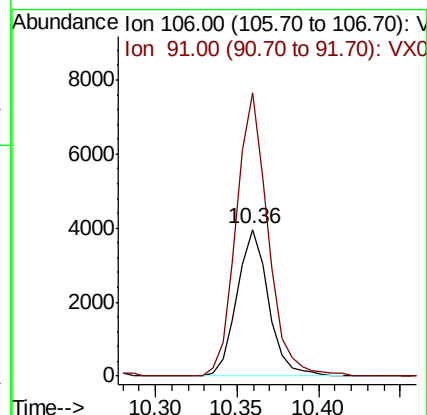
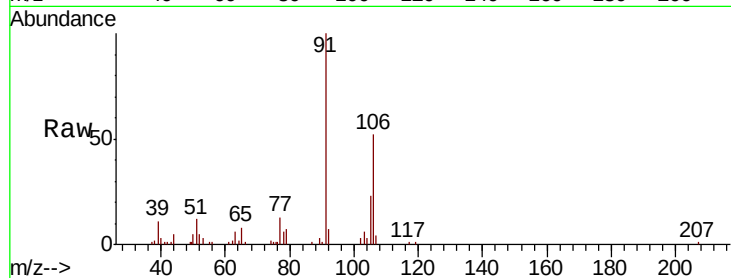




#68
m/p-Xylenes
Concen: 0.960 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005076.D
Acq: 05 Oct 2018 19:45

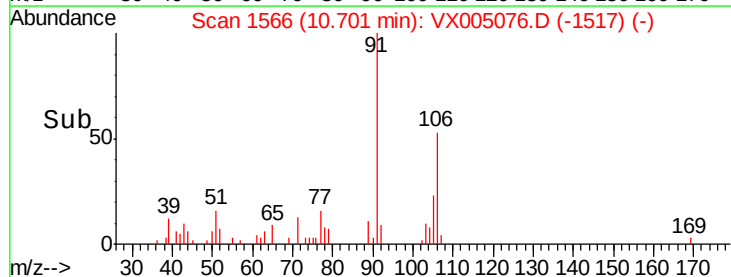
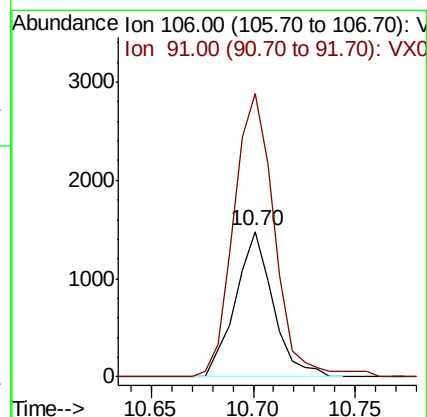
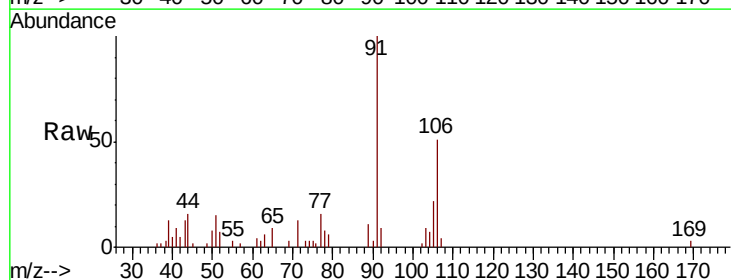
Instrument :
MSVOA_X
ClientSampleId :
AU-05-100218-B

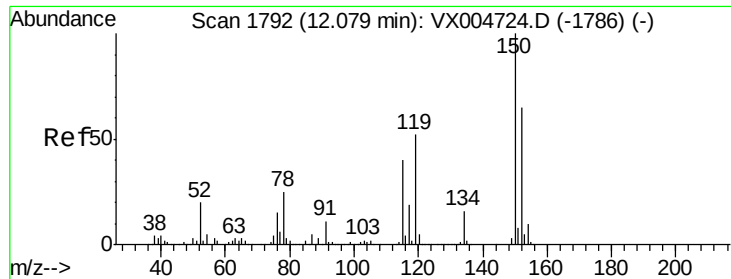
Tot Ion:106 Resp: 5355
Ion Ratio Lower Upper
106 100
91 193.8 157.5 236.3



#69
o-Xylene
Concen: 0.367 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005076.D
Acq: 05 Oct 2018 19:45

Tgt Ion:106 Resp: 1881
Ion Ratio Lower Upper
106 100
91 212.2 108.3 324.8



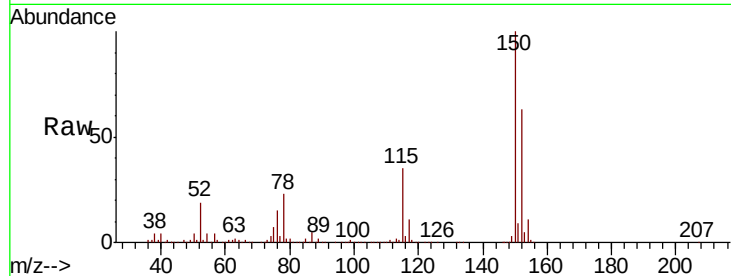


#72

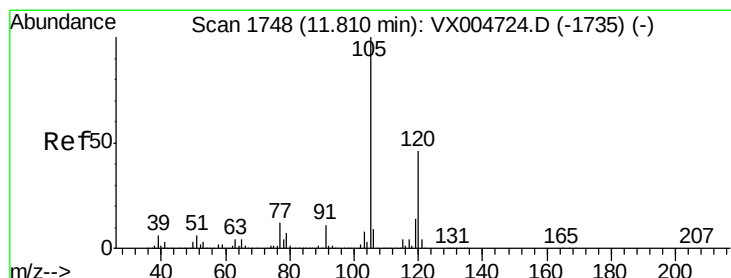
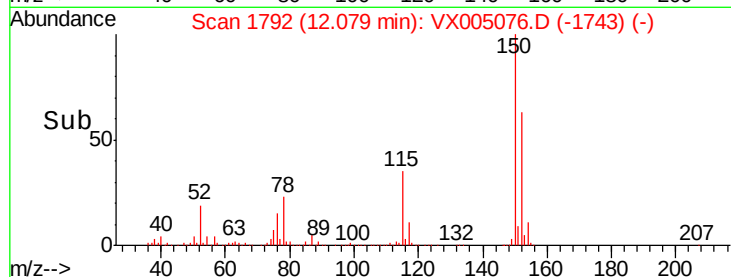
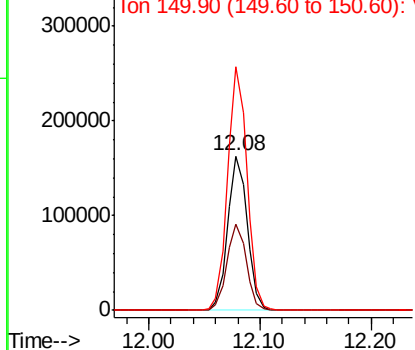
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005076.D
Acq: 05 Oct 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
AU-05-100218-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	40.2	120.6
150	157.0	0.0	351.0



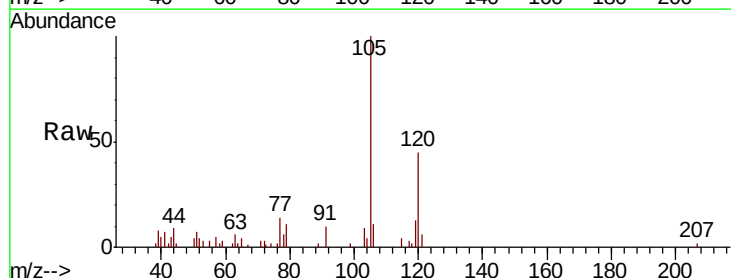
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



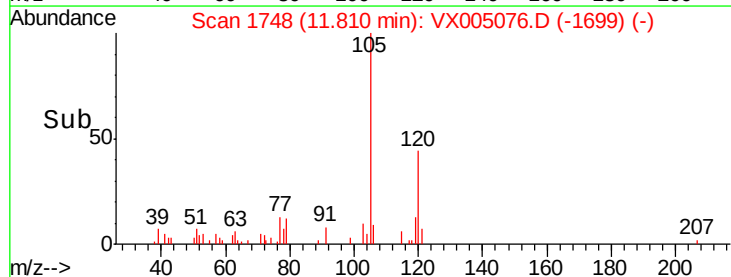
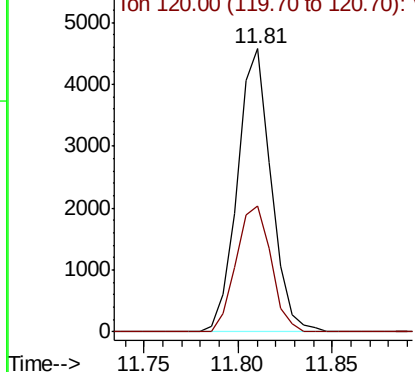
#84

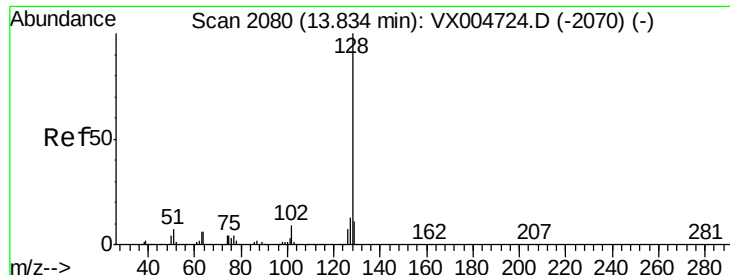
1,2,4-Trimethylbenzene
Concen: 0.285 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005076.D
Acq: 05 Oct 2018 19:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.8	68.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

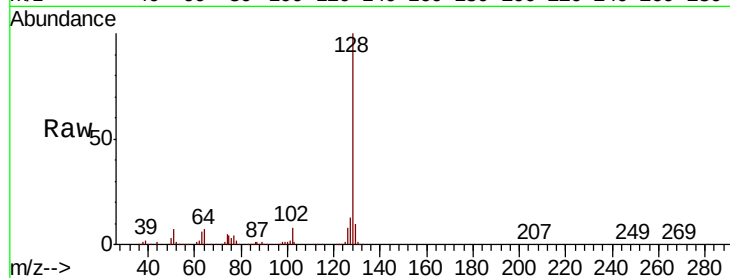




#95
Naphthalene
Concen: 5.131 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005076.D
Acq: 05 Oct 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
AU-05-100218-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.7	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

