

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004945.D
 Acq On : 03 Oct 2018 03:03
 Operator : JC/MD
 Sample : J5191-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 155-CLAY

Quant Time: Oct 03 07:34:40 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	212075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191992	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	169987	56.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.22%	
35) Dibromofluoromethane	5.51	113	142757	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	8.72	98	505650	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.14	95	182800	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	

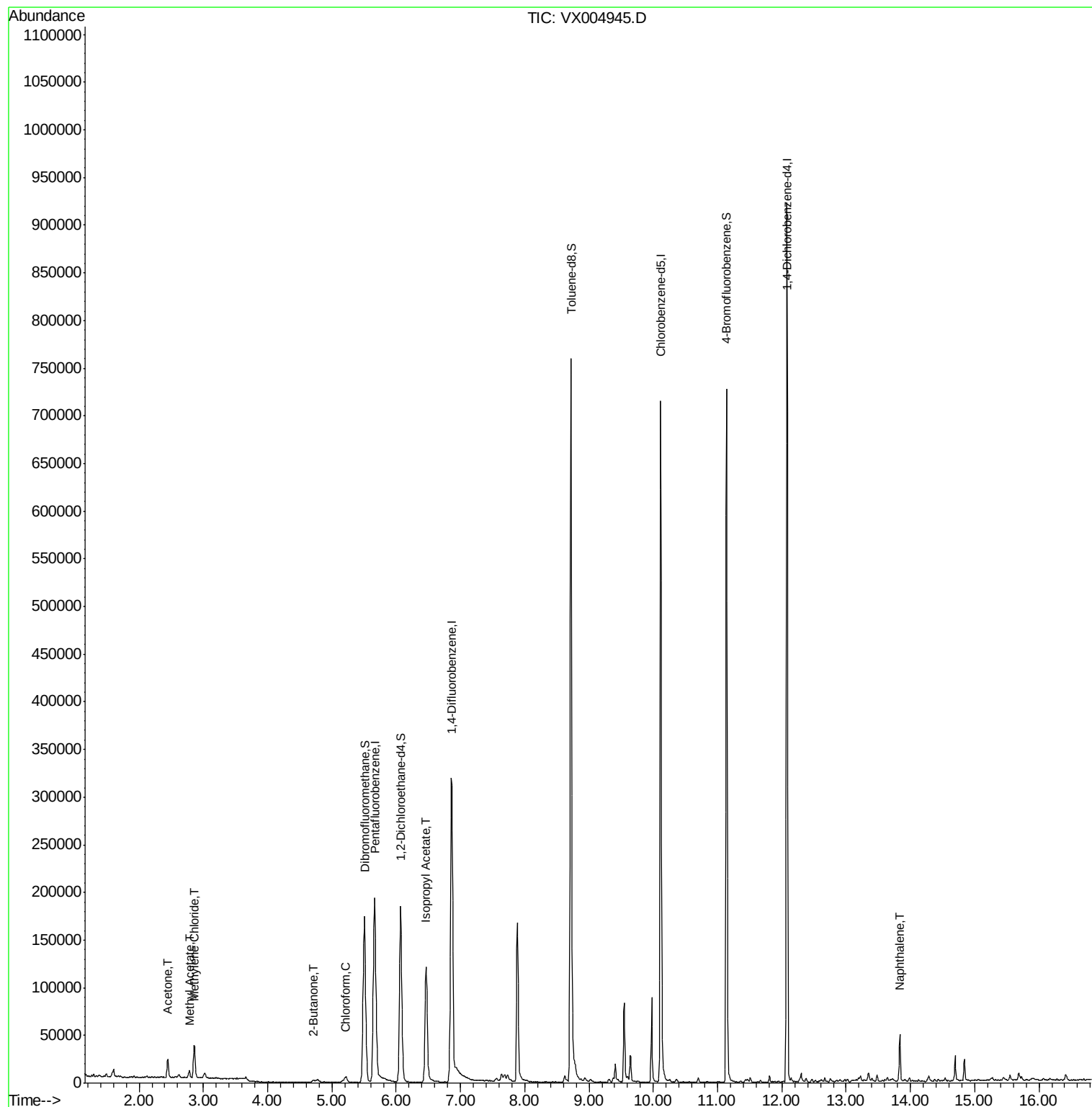
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	21845	12.351	ug/l	97
18) Methyl Acetate	2.78	43	8785	1.960	ug/l	99
20) Methylene Chloride	2.86	84	15826	5.406	ug/l	94
25) 2-Butanone	4.71	43	4045	1.552	ug/l	96
30) Chloroform	5.22	83	6260	1.315	ug/l	92
43) Isopropyl Acetate	6.46	43	164995	21.293	ug/l	97
95) Naphthalene	13.83	128	29826	2.560	ug/l	99

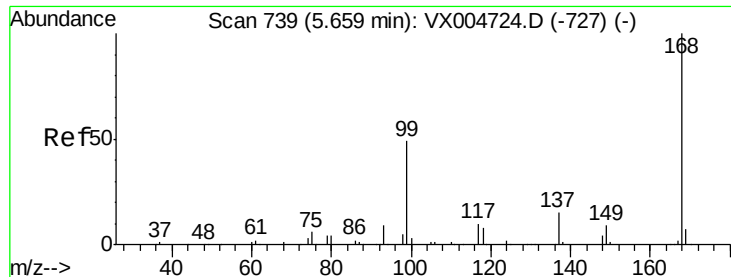
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 04:00:03 2018
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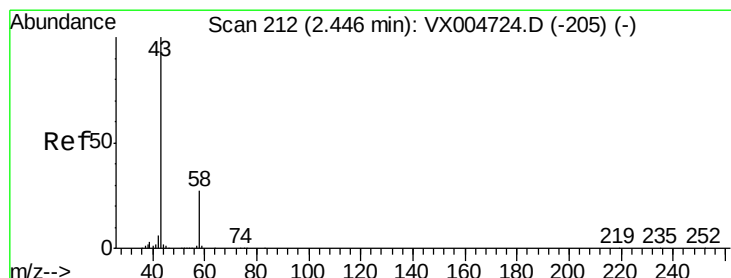
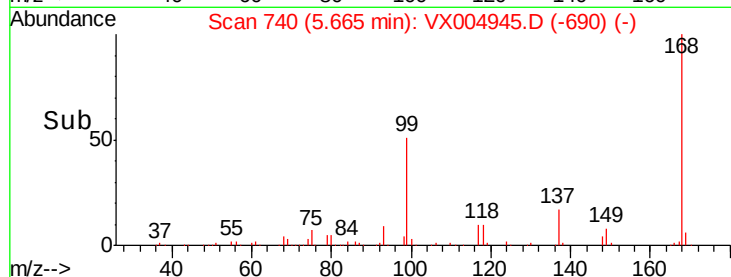
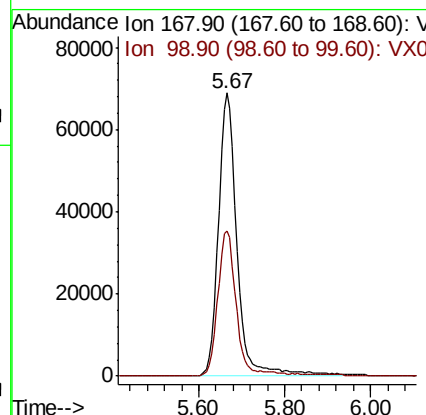
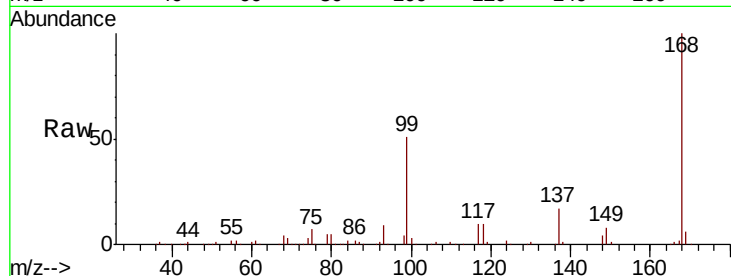




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004945.D
Acq: 03 Oct 2018 03:03

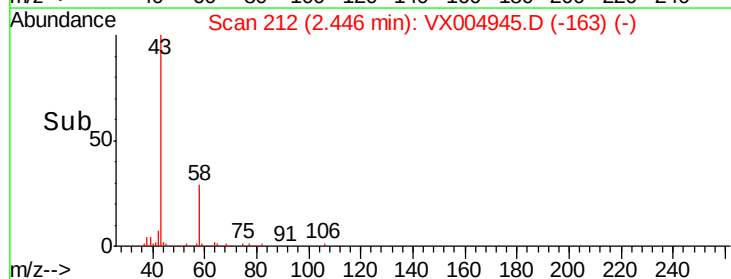
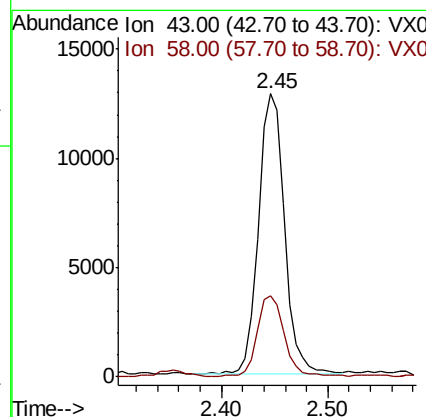
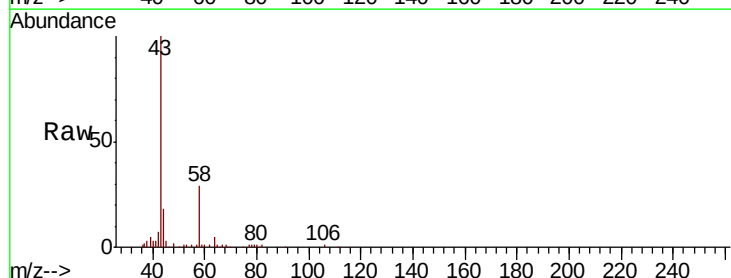
Instrument :
MSVOA_X
ClientSampleId :
155-CLAY

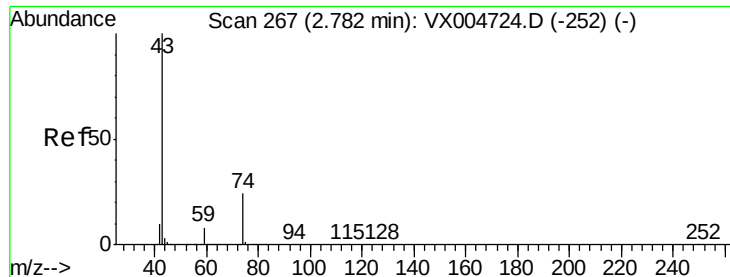
Tot Ion:168 Resp: 212075
Ion Ratio Lower Upper
168 100
99 51.4 39.3 58.9



#16
Acetone
Concen: 12.351 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004945.D
Acq: 03 Oct 2018 03:03

Tgt Ion: 43 Resp: 21845
Ion Ratio Lower Upper
43 100
58 28.6 21.8 32.6

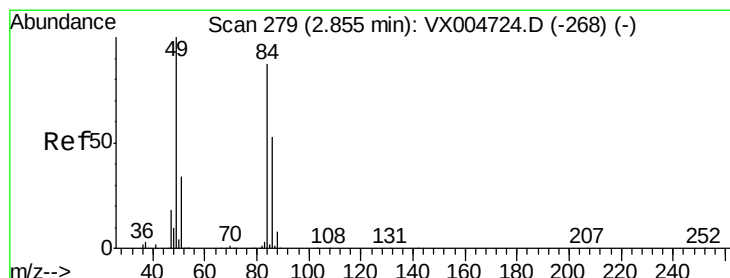
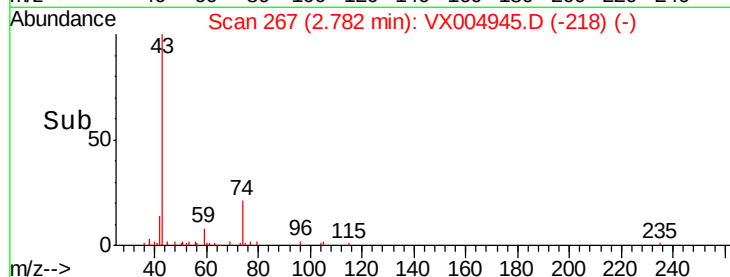
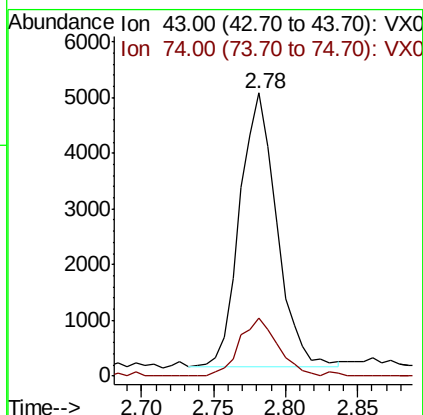
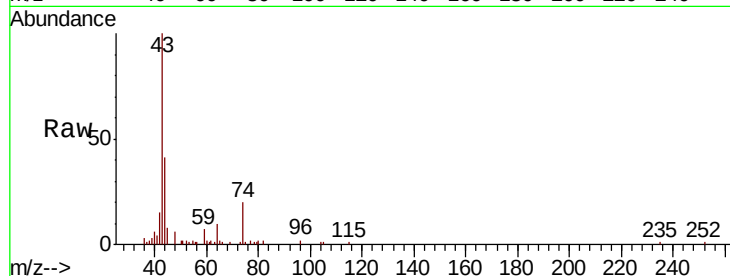




#18
Methvl Acetate
Concen: 1.960 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004945.D
Acq: 03 Oct 2018 03:03

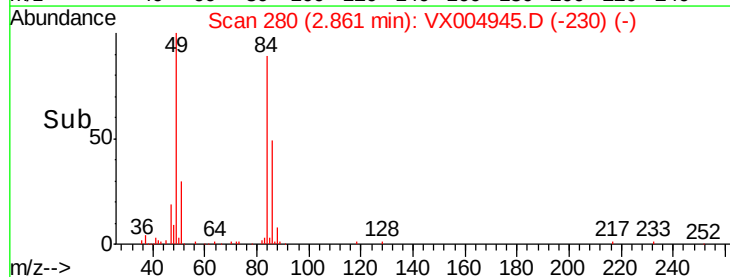
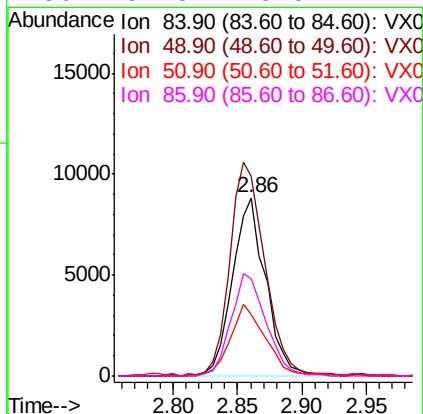
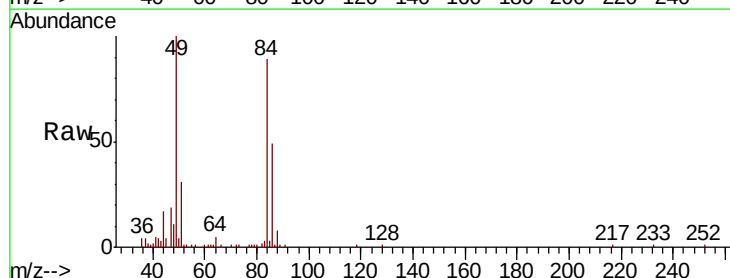
Instrument :
MSVOA_X
ClientSampled :
155-CLAY

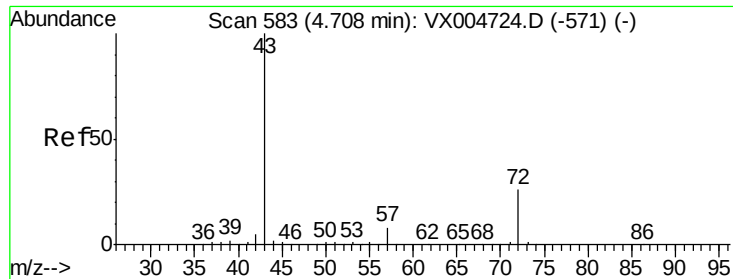
Tot Ion: 43 Resp: 8785
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 5.406 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004945.D
Acq: 03 Oct 2018 03:03

Tgt Ion: 84 Resp: 15826
Ion Ratio Lower Upper
84 100
49 111.4 92.3 138.5
51 33.8 31.8 47.6
86 54.8 48.5 72.7

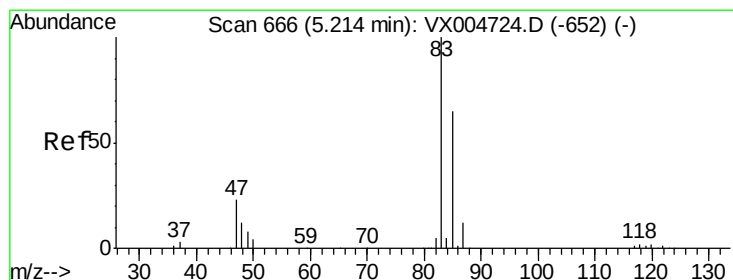
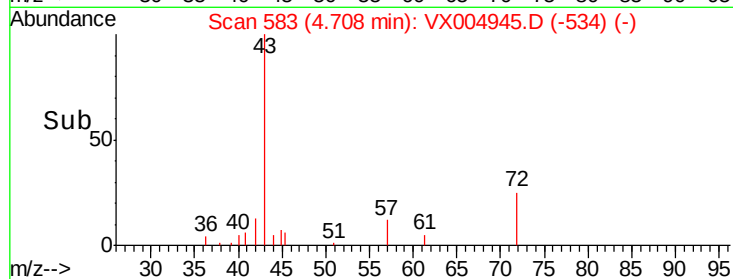
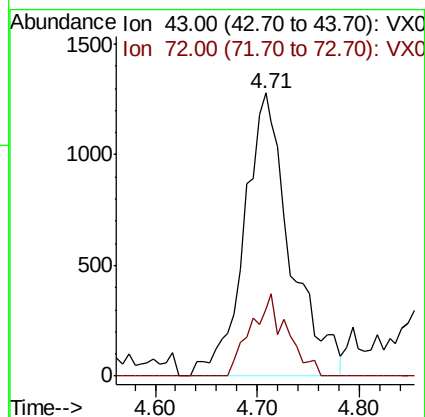
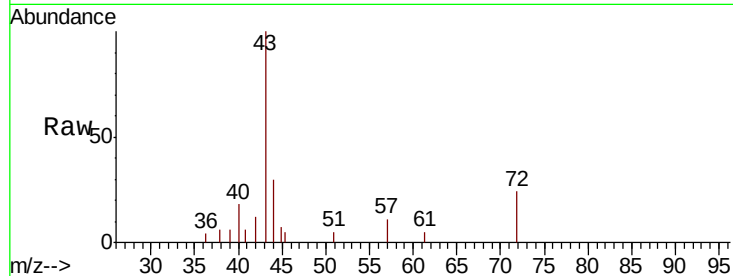




#25
2-Butanone
Concen: 1.552 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX004945.D
Acq: 03 Oct 2018 03:03

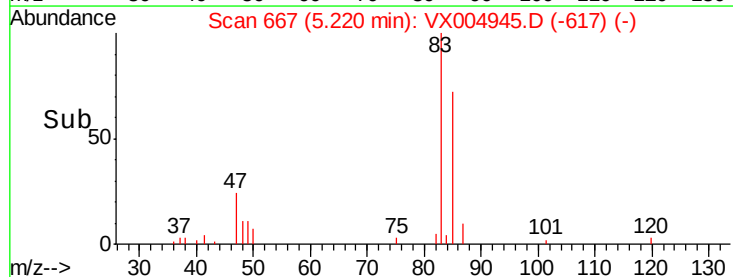
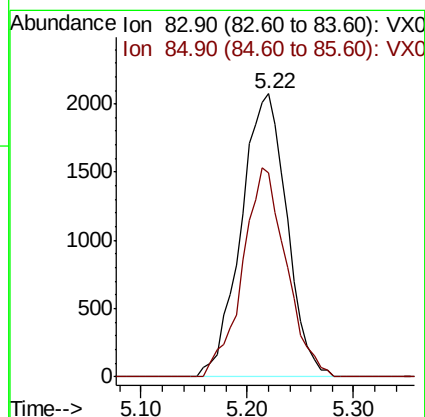
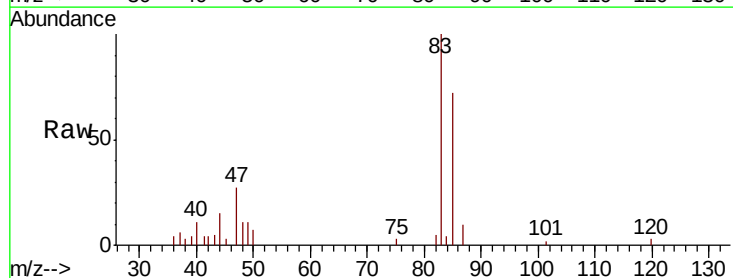
Instrument :
MSVOA_X
ClientSampled :
155-CLAY

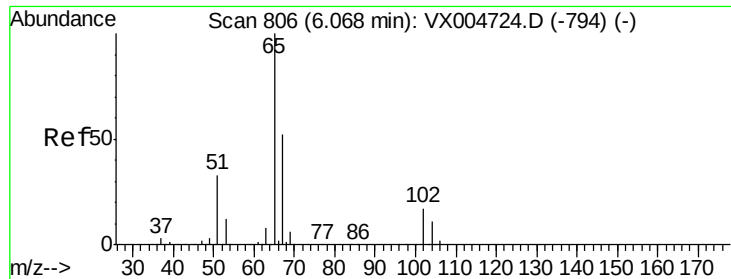
Tot Ion: 43 Resp: 4045
Ion Ratio Lower Upper
43 100
72 23.9 20.8 31.2



#30
Chloroform
Concen: 1.315 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004945.D
Acq: 03 Oct 2018 03:03

Tgt Ion: 83 Resp: 6260
Ion Ratio Lower Upper
83 100
85 72.0 52.4 78.6

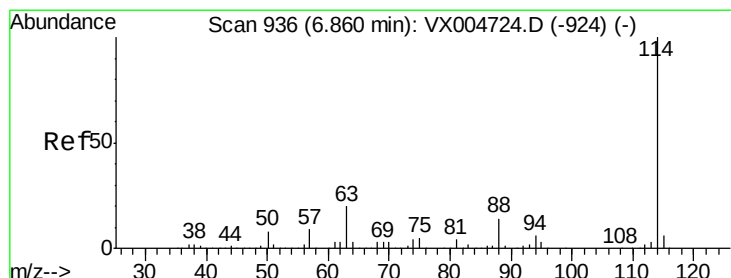
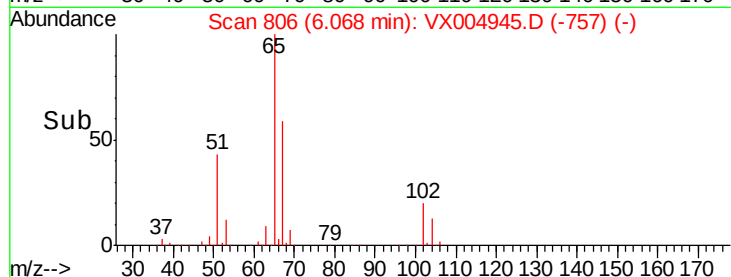
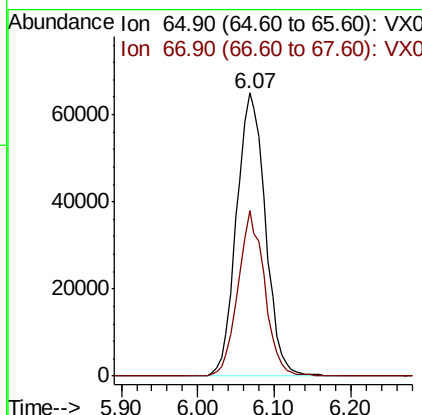
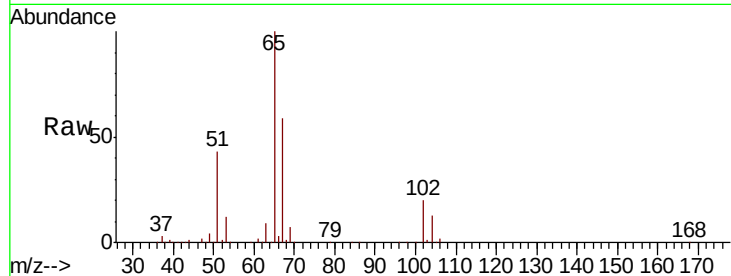




#33
 1,2-Dichloroethane-d4
 Concen: 56.111 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004945.D
 Acq: 03 Oct 2018 03:03

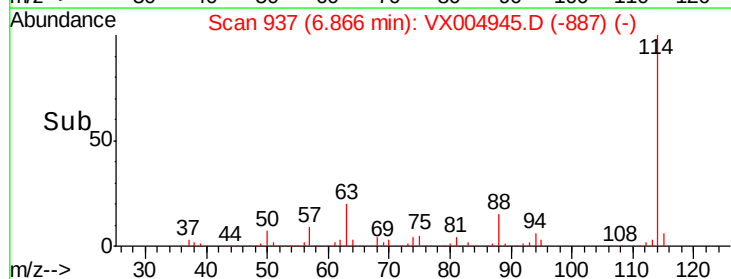
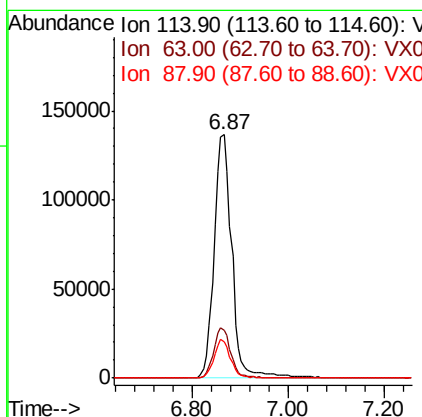
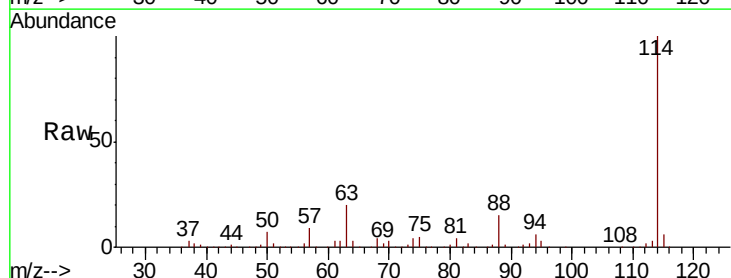
Instrument :
 MSVOA_X
 ClientSampleId :
 155-CLAY

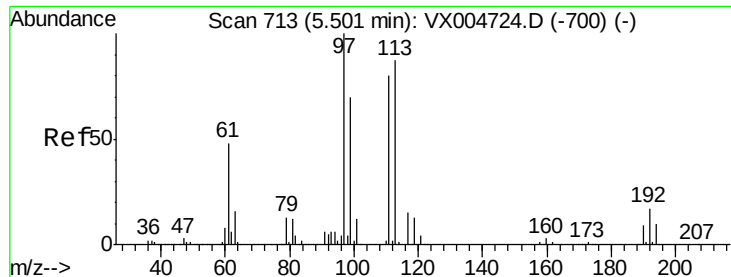
Tot Ion: 65 Resp: 169987
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004945.D
 Acq: 03 Oct 2018 03:03

Tgt Ion: 114 Resp: 349772
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.0 0.0 27.0

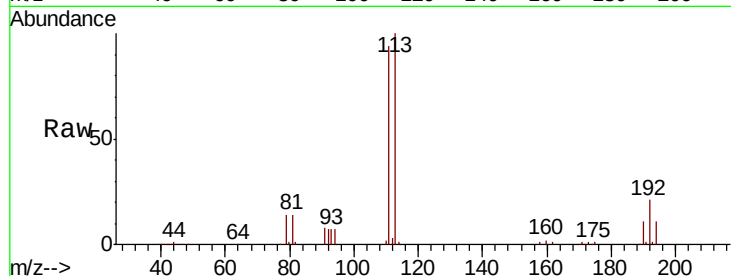




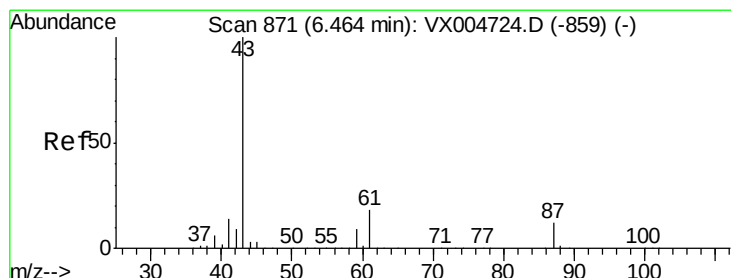
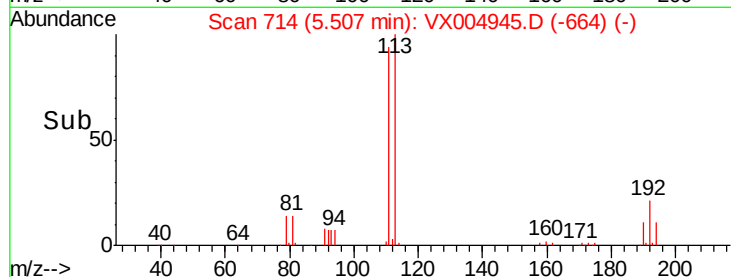
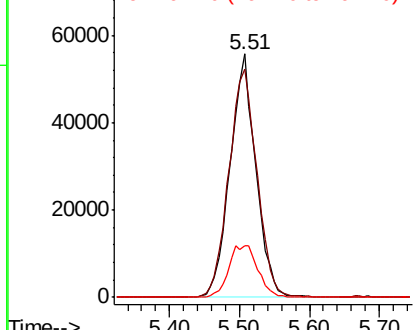
#35
 Dibromofluoromethane
 Concen: 48.158 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004945.D
 Acq: 03 Oct 2018 03:03

Instrument :
 MSVOA_X
 ClientSampleId :
 155-CLAY

Tot Ion:113 Resp: 142757
 Ion Ratio Lower Upper
 113 100
 111 102.1 77.0 115.4
 192 24.1 17.0 25.6

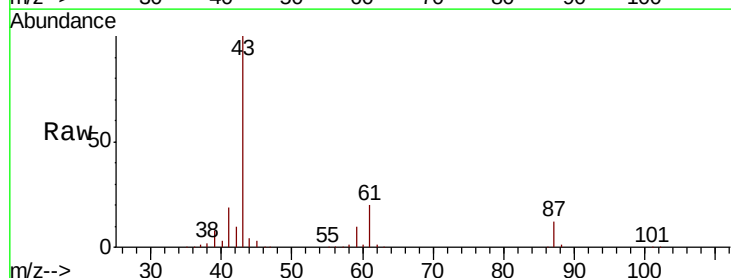


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

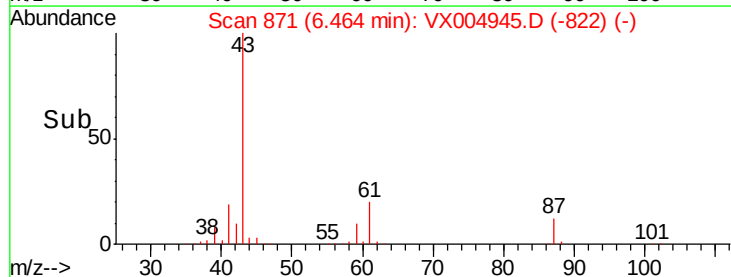
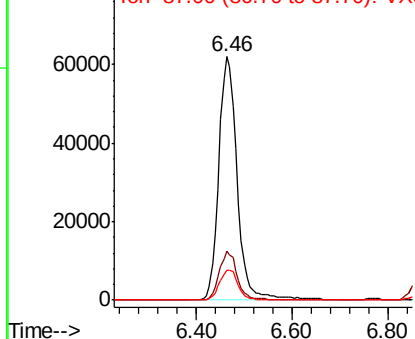


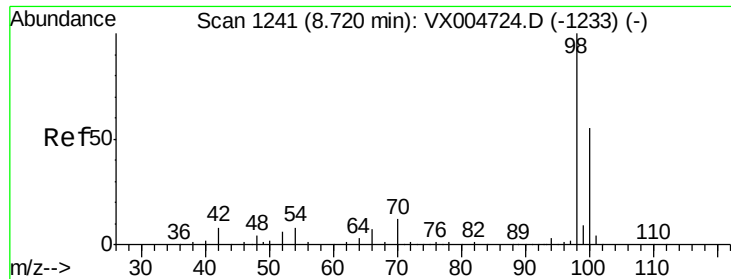
#43
 Isopropyl Acetate
 Concen: 21.293 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004945.D
 Acq: 03 Oct 2018 03:03

Tgt Ion: 43 Resp: 164995
 Ion Ratio Lower Upper
 43 100
 61 19.7 14.2 21.4
 87 12.2 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0

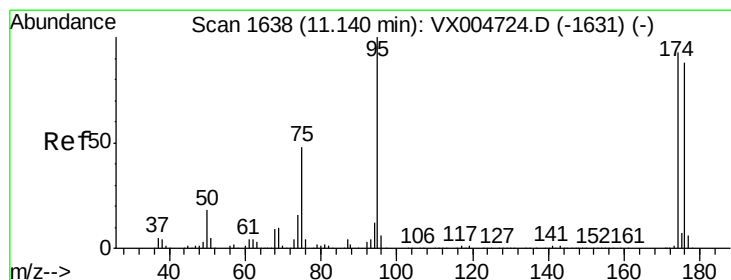
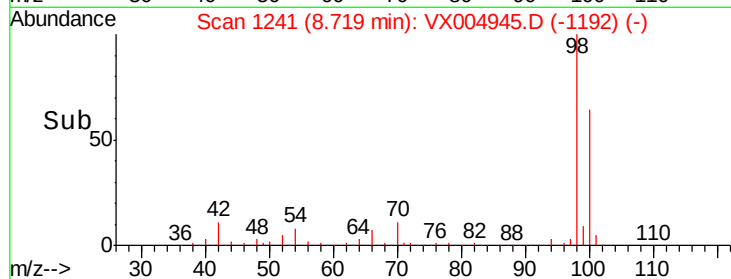
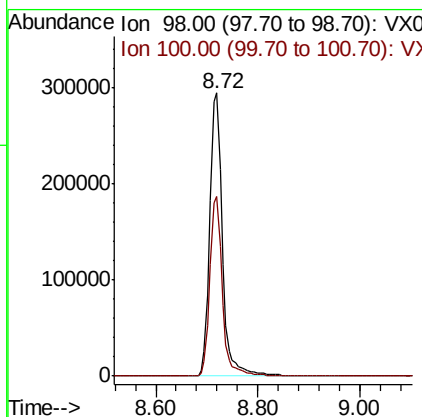
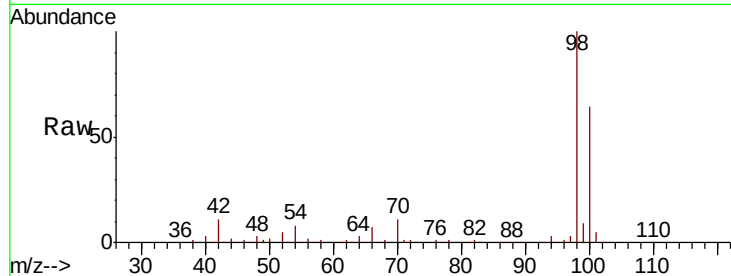




#50
Toluene-d8
Concen: 51.309 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004945.D
Acq: 03 Oct 2018 03:03

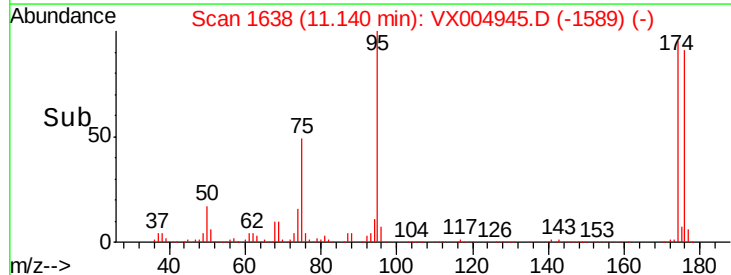
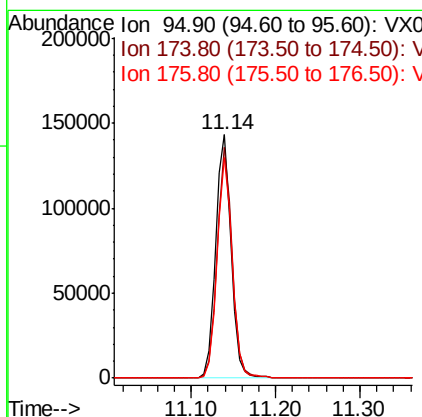
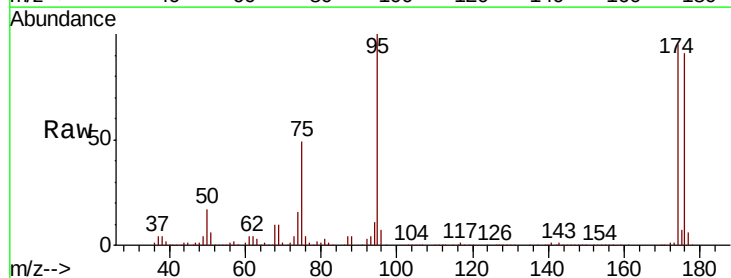
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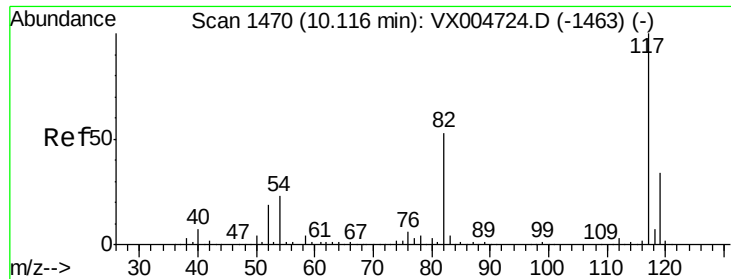
Tot Ion: 98 Resp: 505650
Ion Ratio Lower Upper
98 100
100 62.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.488 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004945.D
Acq: 03 Oct 2018 03:03

Tgt Ion: 95 Resp: 182800
Ion Ratio Lower Upper
95 100
174 92.5 0.0 185.0
176 89.1 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: VX004945.D

Acq: 03 Oct 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

155-CLAY

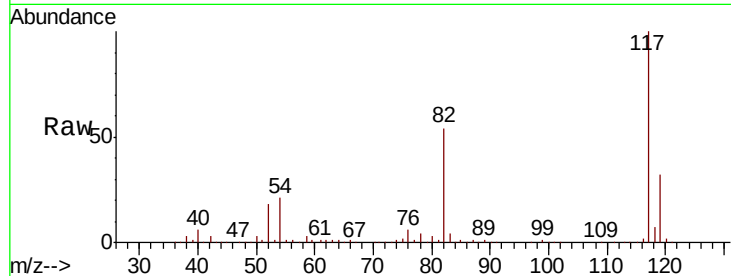
Tot Ion:117 Resp: 346614

Ion Ratio Lower Upper

117 100

82 54.4 42.2 63.4

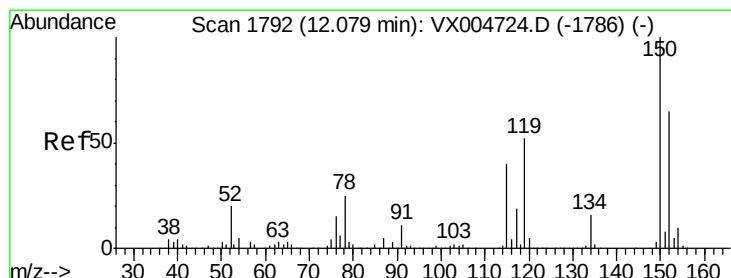
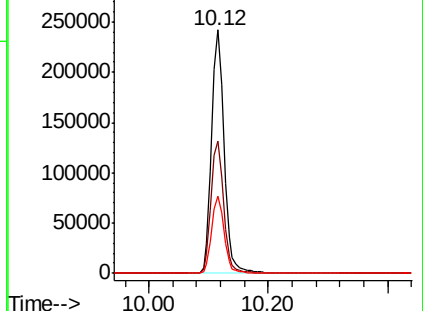
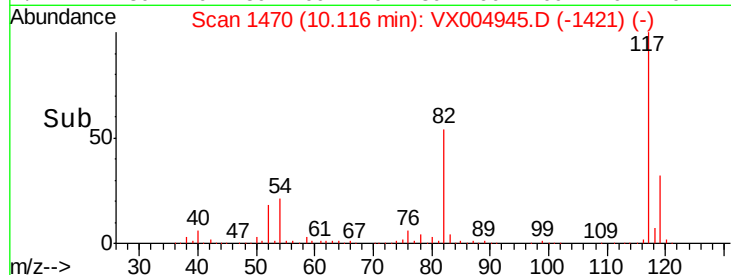
119 31.9 27.4 41.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004945.D

Acq: 03 Oct 2018 03:03

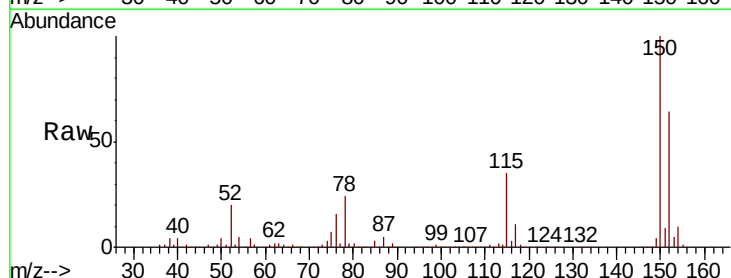
Tgt Ion:152 Resp: 191992

Ion Ratio Lower Upper

152 100

115 54.9 40.2 120.6

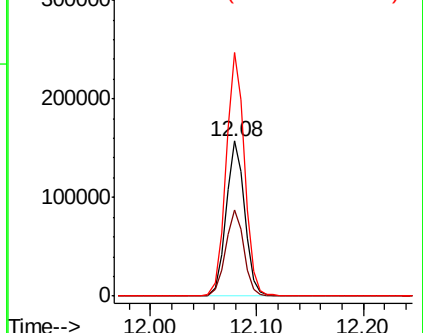
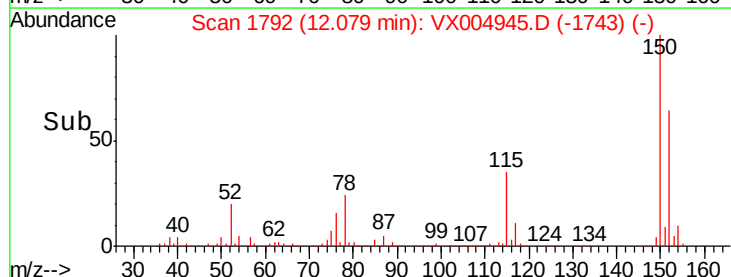
150 155.9 0.0 351.0

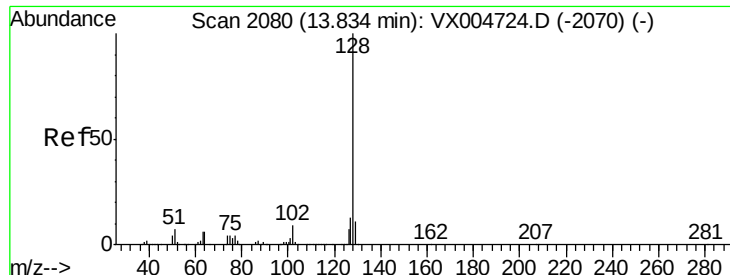


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.560 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004945.D

Acq: 03 Oct 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

155-CLAY

Tot Ion:128 Resp: 29826

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.4 8.7 13.1

