

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036680.D
 Acq On : 27 Jul 2023 16:41
 Operator : JC/MD
 Sample : PB154443TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154443TB

Quant Time: Jul 28 06:14:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

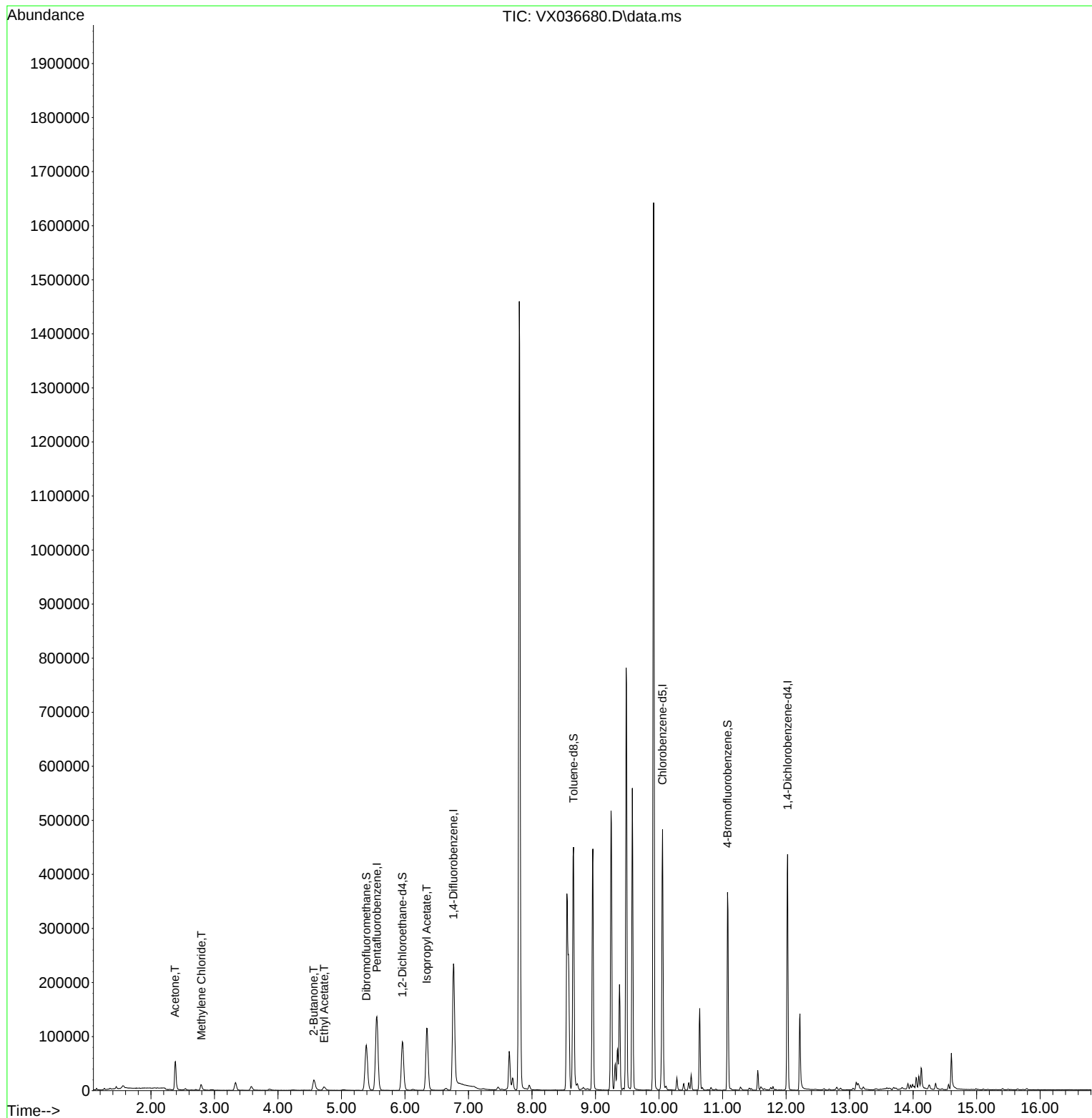
Internal Standards						
1) Pentafluorobenzene	5.556	168	127891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86694	45.813	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.620%
35) Dibromofluoromethane	5.391	113	73163	46.145	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.300%
50) Toluene-d8	8.653	98	271068	48.211	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.420%
62) 4-Bromofluorobenzene	11.079	95	98825	46.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.180%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	58560	74.575	ug/l	92
20) Methylene Chloride	2.794	84	5466	3.130	ug/l #	91
25) 2-Butanone	4.562	43	34221	26.861	ug/l	94
37) Ethyl Acetate	4.727	43	11353	4.245	ug/l	97
43) Isopropyl Acetate	6.342	43	162642	35.324	ug/l	96

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

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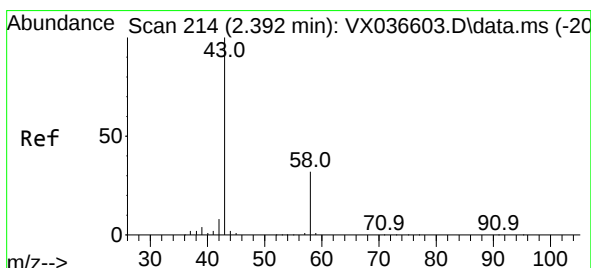
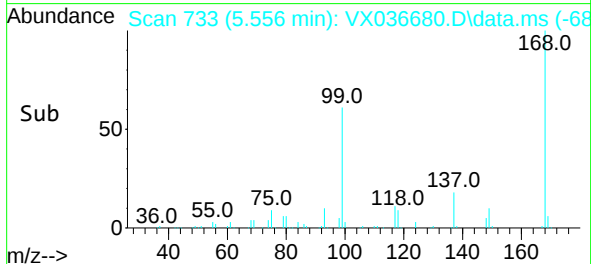
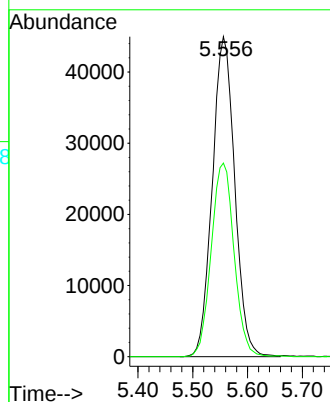
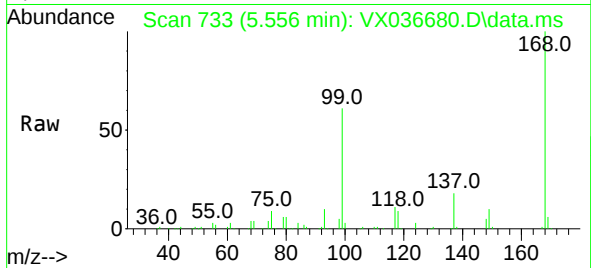




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036680.D
Acq: 27 Jul 2023 16:41

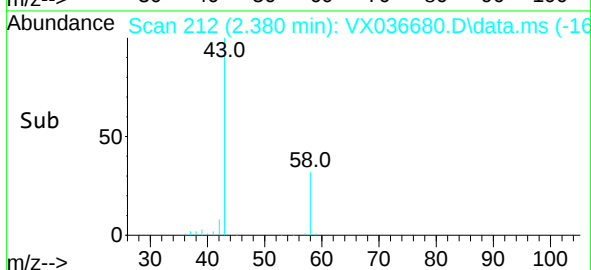
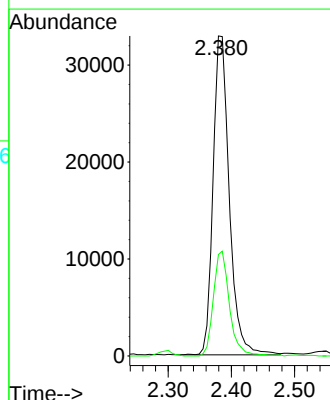
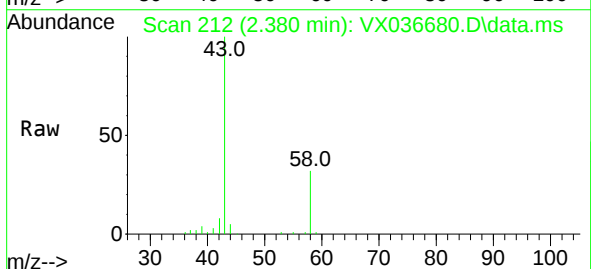
Instrument :
MSVOA_X
ClientSampleId :
PB154443TB

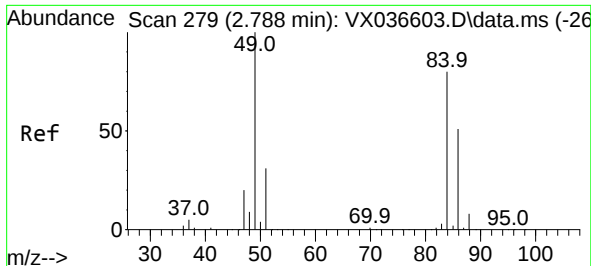
Tgt Ion:168 Resp: 127891
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#16
Acetone
Concen: 74.575 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036680.D
Acq: 27 Jul 2023 16:41

Tgt Ion: 43 Resp: 58560
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9

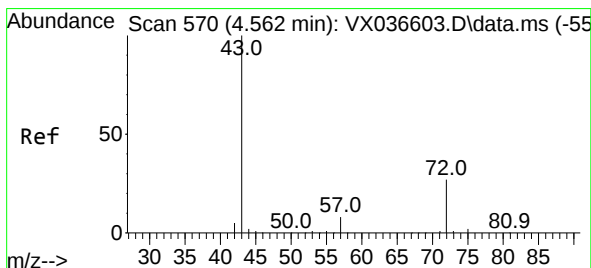
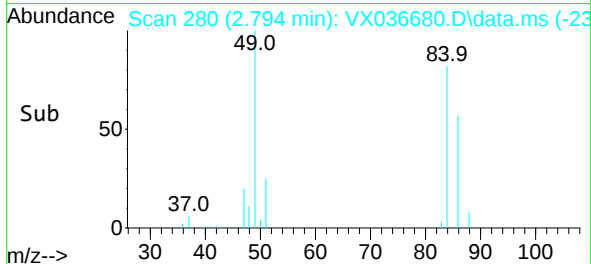
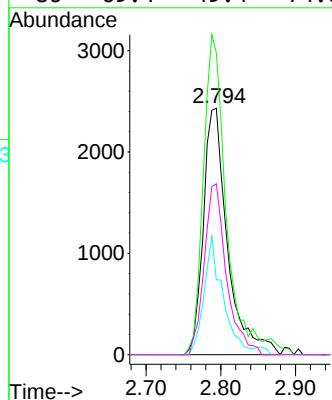
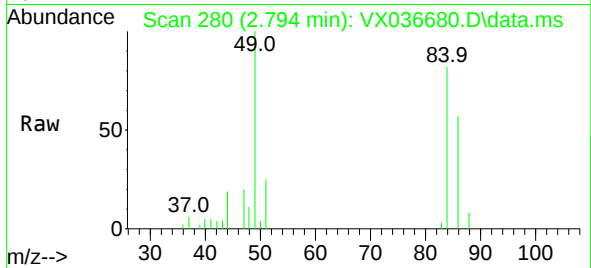




#20
Methylene Chloride
Concen: 3.130 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036680.D
Acq: 27 Jul 2023 16:41

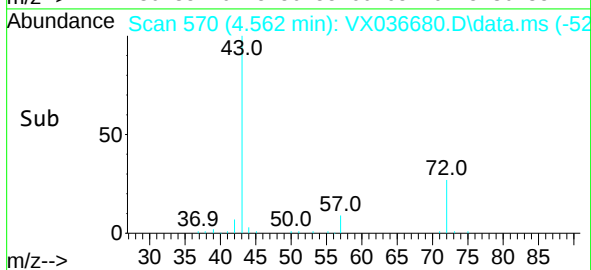
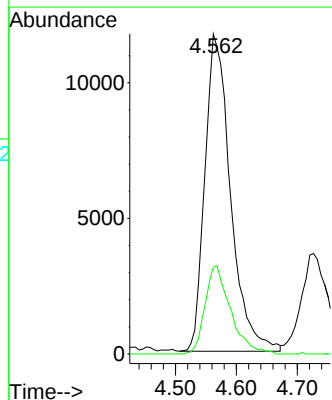
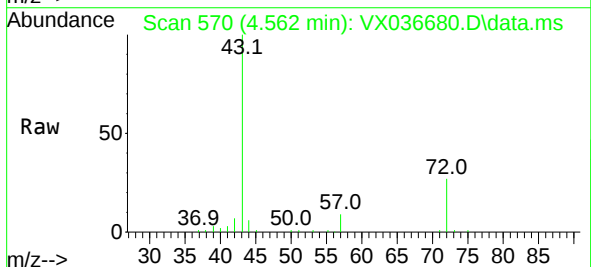
Instrument :
MSVOA_X
ClientSampleId :
PB154443TB

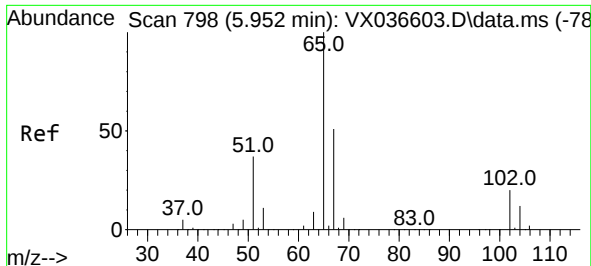
Tgt Ion:	84	Resp:	5466
Ion	Ratio	Lower	Upper
84	100		
49	122.5	103.6	155.4
51	30.4	33.8	50.6
86	69.4	49.4	74.0



#25
2-Butanone
Concen: 26.861 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX036680.D
Acq: 27 Jul 2023 16:41

Tgt Ion:	43	Resp:	34221
Ion	Ratio	Lower	Upper
43	100		
72	27.4	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 45.813 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036680.D

Acq: 27 Jul 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

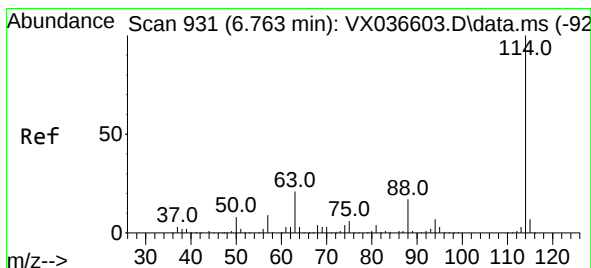
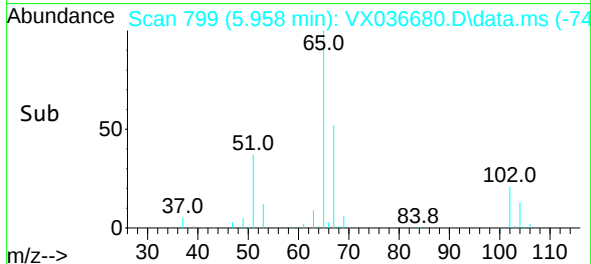
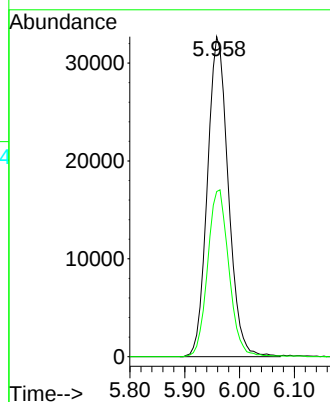
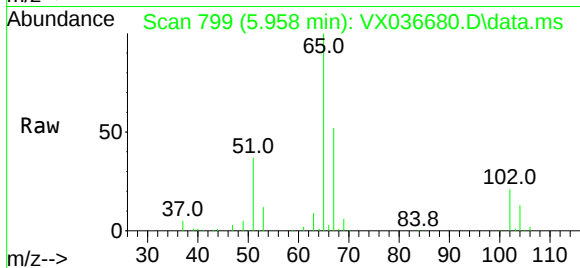
PB154443TB

Tgt Ion: 65 Resp: 86694

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036680.D

Acq: 27 Jul 2023 16:41

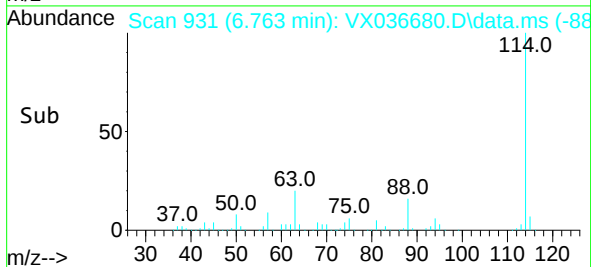
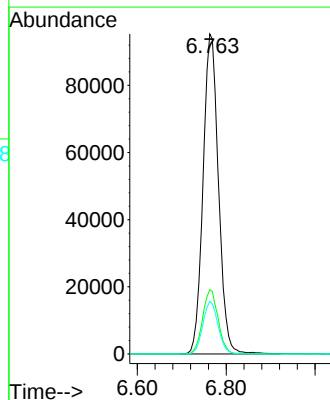
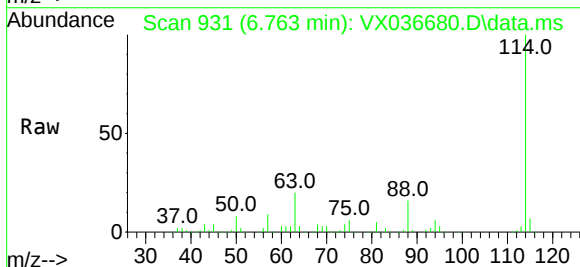
Tgt Ion: 114 Resp: 230670

Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.145 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036680.D

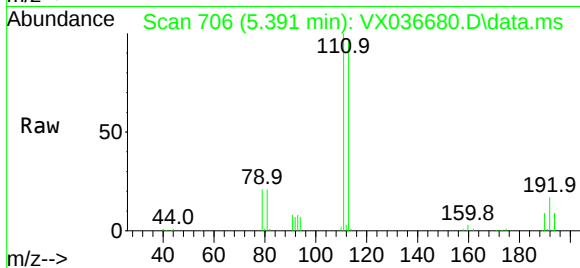
Acq: 27 Jul 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

PB154443TB



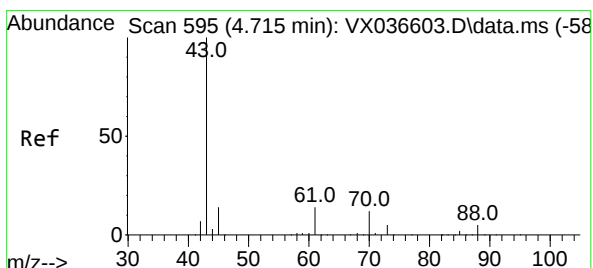
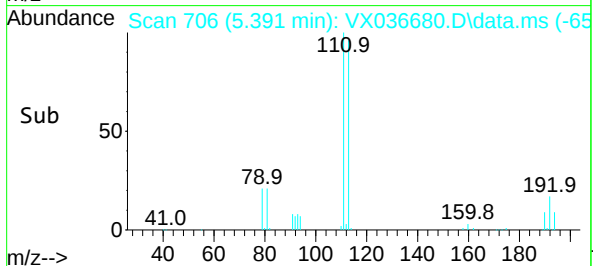
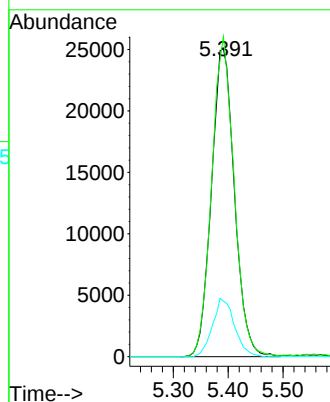
Tgt Ion:113 Resp: 73163

Ion Ratio Lower Upper

113 100

111 101.2 82.9 124.3

192 18.1 13.3 19.9



#37

Ethyl Acetate

Concen: 4.245 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX036680.D

Acq: 27 Jul 2023 16:41

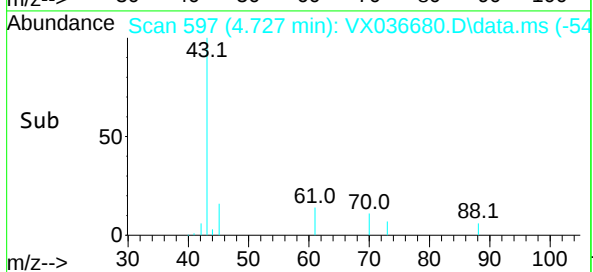
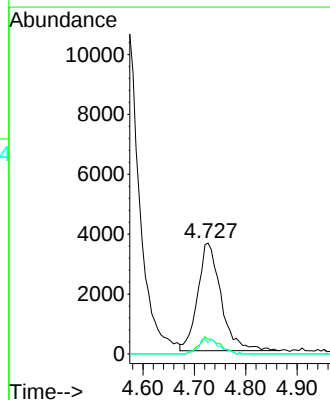
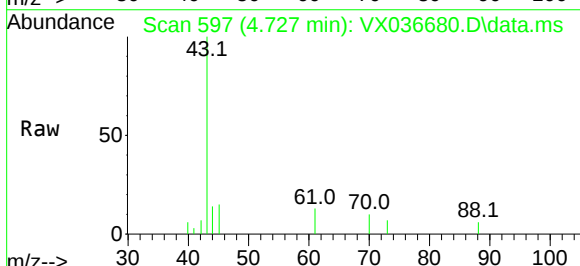
Tgt Ion: 43 Resp: 11353

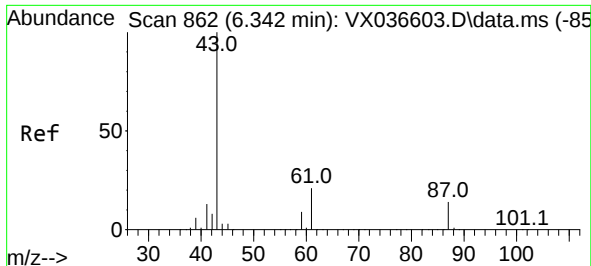
Ion Ratio Lower Upper

43 100

61 13.5 10.6 16.0

70 12.4 8.3 12.5

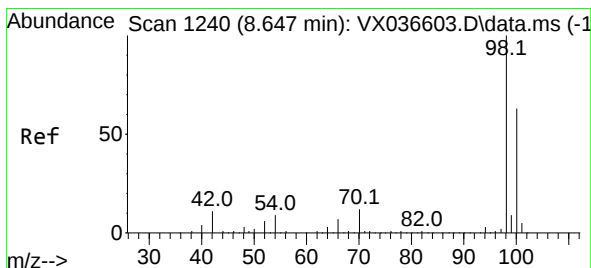
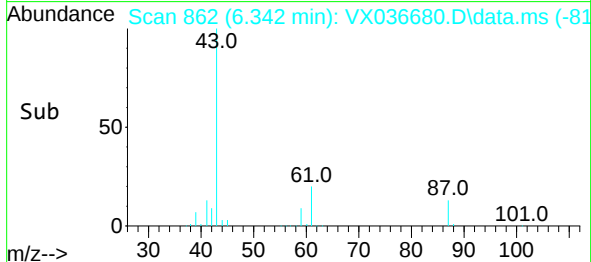
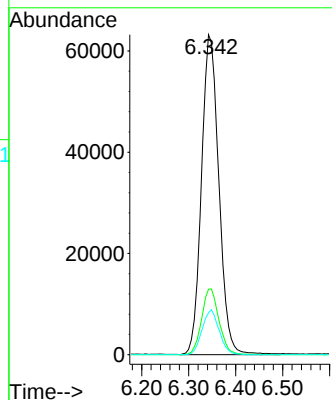
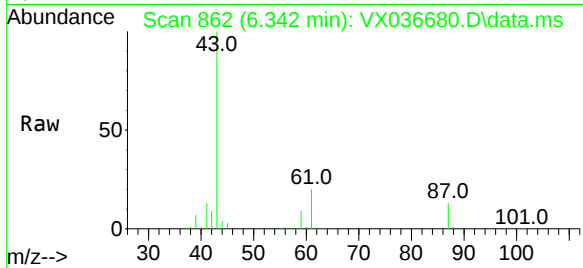




#43
Isopropyl Acetate
Concen: 35.324 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036680.D
Acq: 27 Jul 2023 16:41

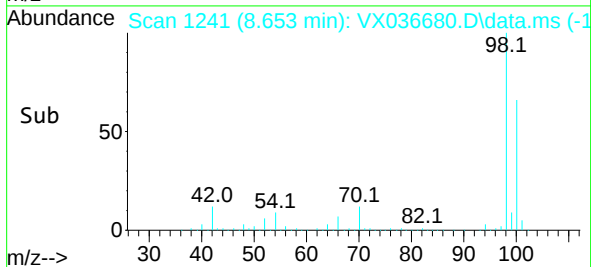
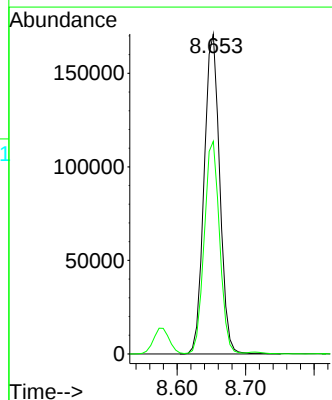
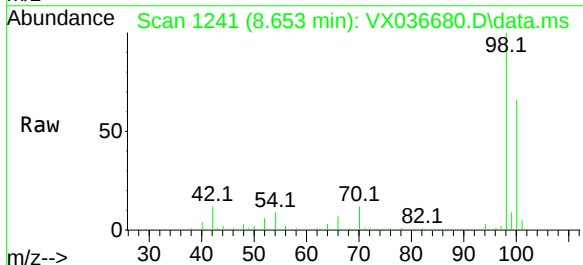
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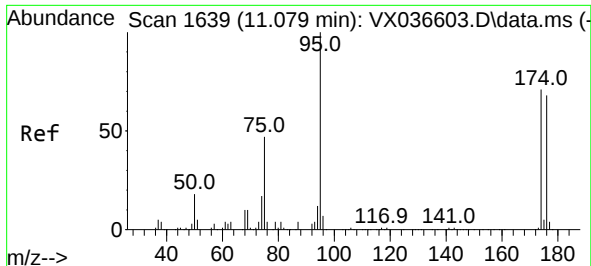
Tgt Ion: 43 Resp: 162642
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 13.7 9.8 14.6



#50
Toluene-d8
Concen: 48.211 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036680.D
Acq: 27 Jul 2023 16:41

Tgt Ion: 98 Resp: 271068
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

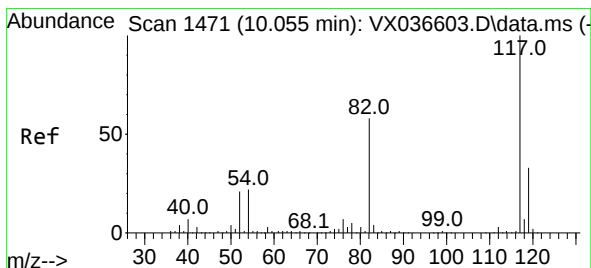
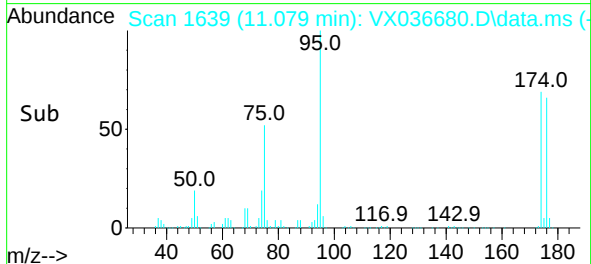
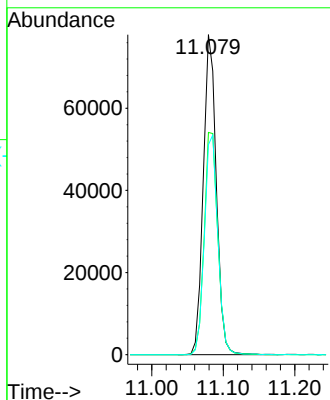
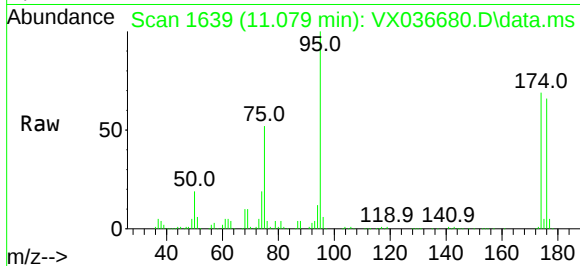




#62
4-Bromofluorobenzene
Concen: 46.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036680.D
Acq: 27 Jul 2023 16:41

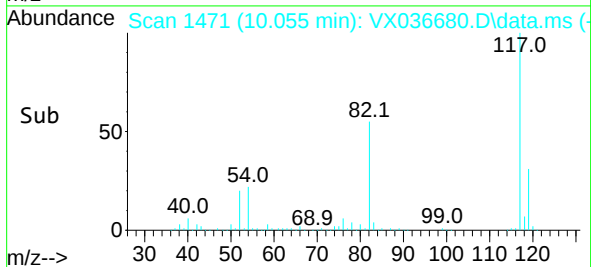
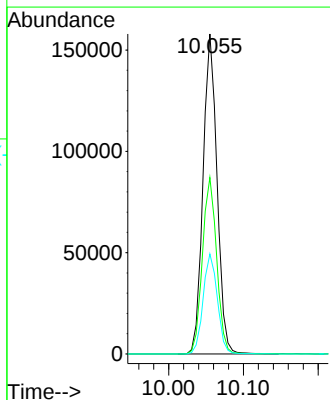
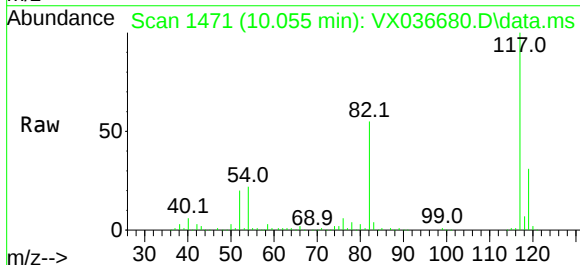
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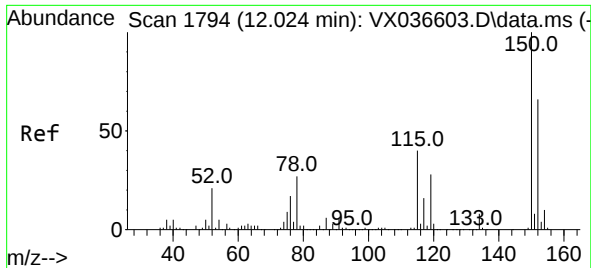
Tgt Ion: 95 Resp: 98825
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036680.D
Acq: 27 Jul 2023 16:41

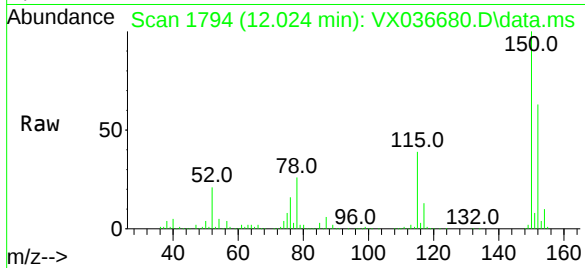
Tgt Ion: 117 Resp: 205625
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036680.D
 Acq: 27 Jul 2023 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154443TB



Tgt Ion:152 Resp: 87236
 Ion Ratio Lower Upper
 152 100
 115 62.8 43.3 129.9
 150 159.3 0.0 345.0

