

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034725.D
 Acq On : 24 Mar 2023 16:52
 Operator : JC/MD
 Sample : 02056-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 025-OUTFALL

Quant Time: Mar 27 01:33:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

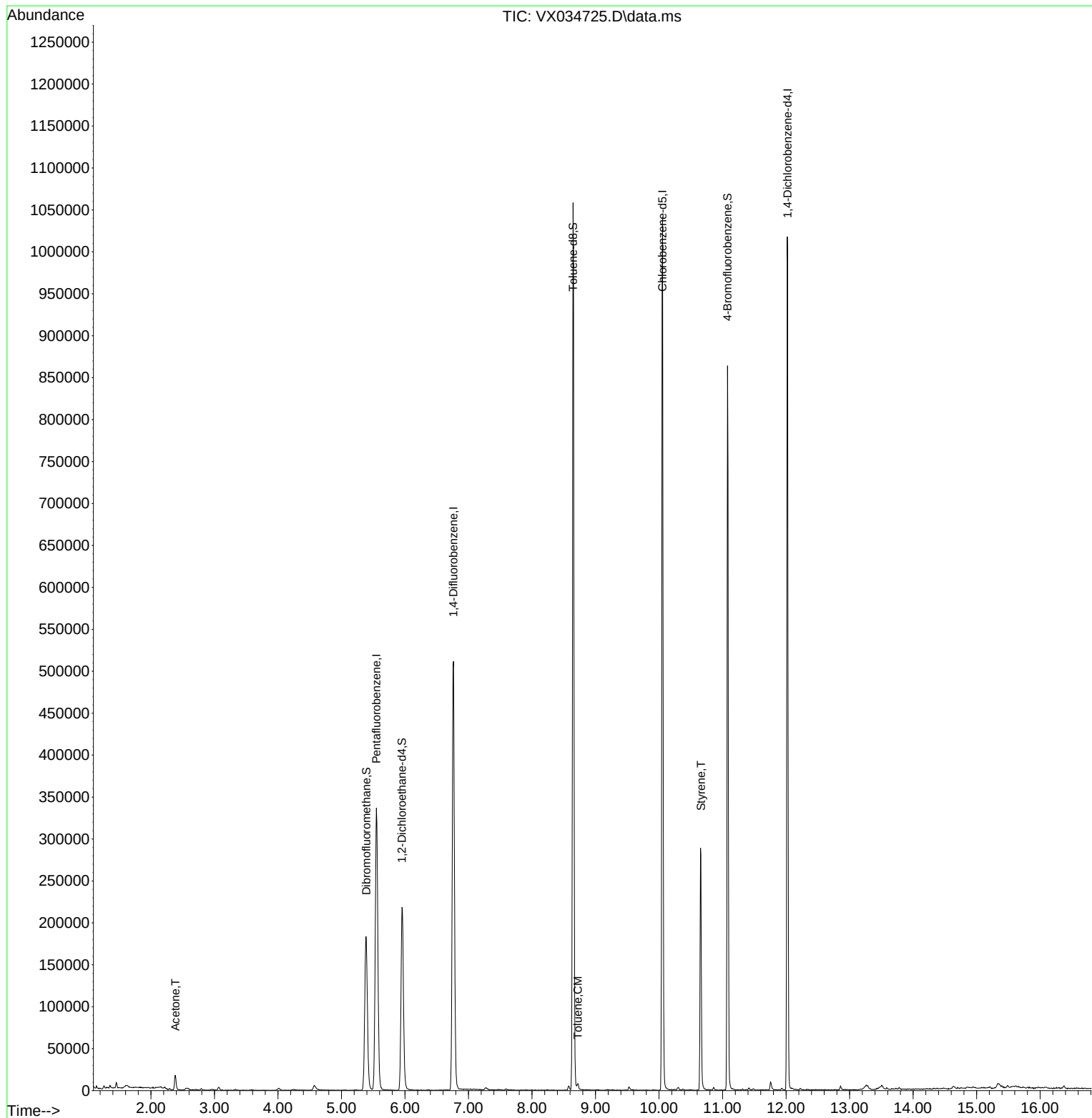
Internal Standards						
1) Pentafluorobenzene	5.550	168	300548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	509350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	453705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	222763	50.948	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.900%
35) Dibromofluoromethane	5.391	113	161655	48.069	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	8.647	98	609298	48.533	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	235450	46.431	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.860%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	20125	9.771	ug/l	94
52) Toluene	8.720	92	2334	0.249	ug/l	99
70) Styrene	10.659	104	117475	10.598	ug/l	89

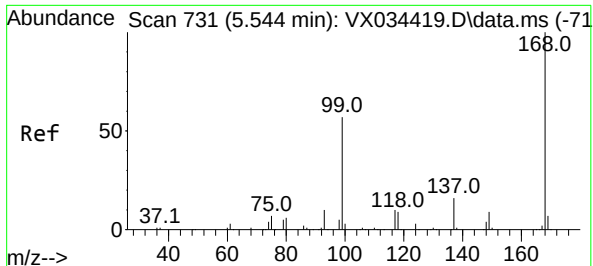
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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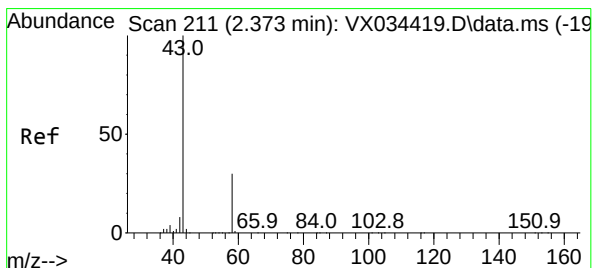
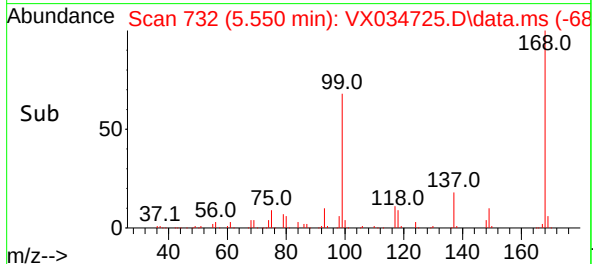
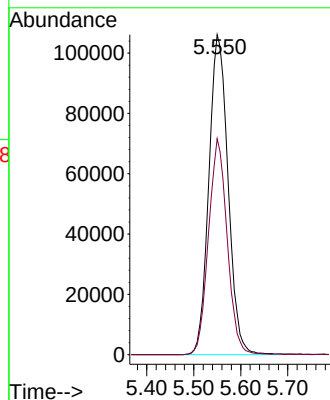
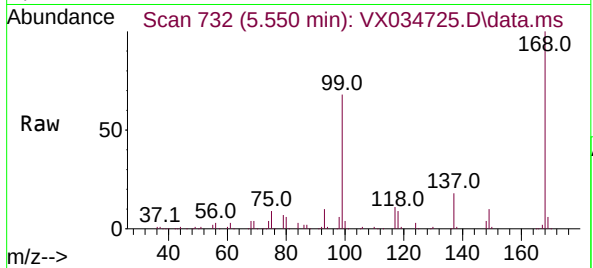




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034725.D
Acq: 24 Mar 2023 16:52

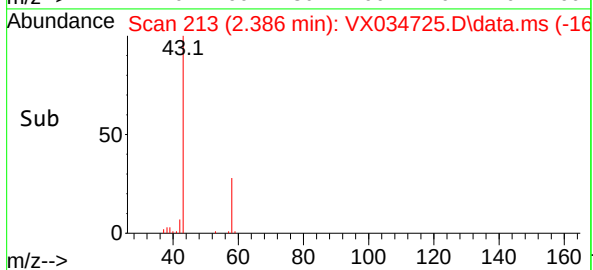
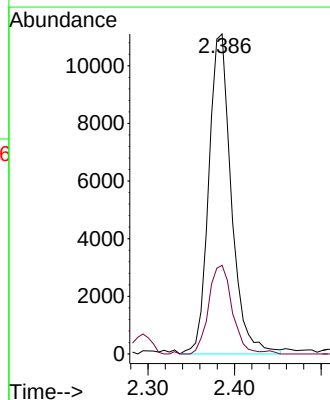
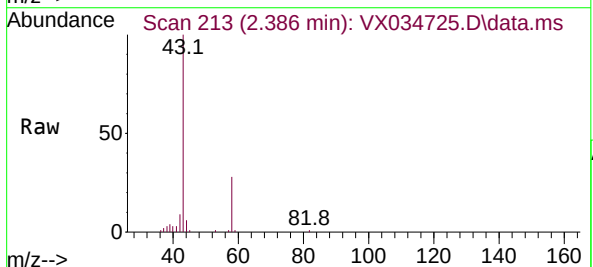
Instrument :
MSVOA_X
ClientSampleId :
025-OUTFALL

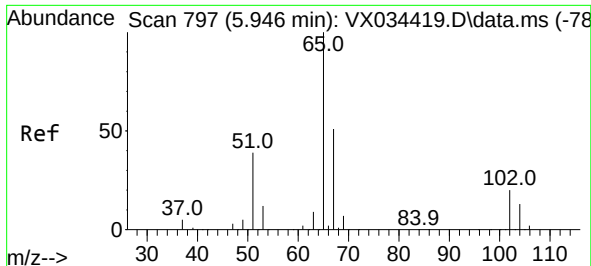
Tgt Ion:168 Resp: 300548
Ion Ratio Lower Upper
168 100
99 67.5 45.7 68.5



#16
Acetone
Concen: 9.771 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034725.D
Acq: 24 Mar 2023 16:52

Tgt Ion: 43 Resp: 20125
Ion Ratio Lower Upper
43 100
58 27.7 24.7 37.1

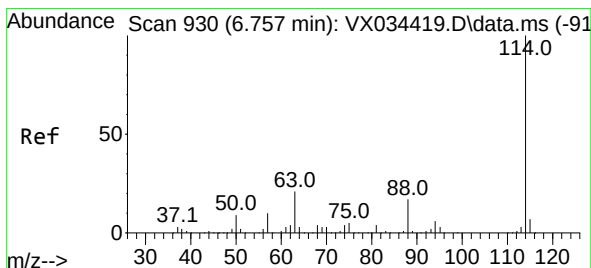
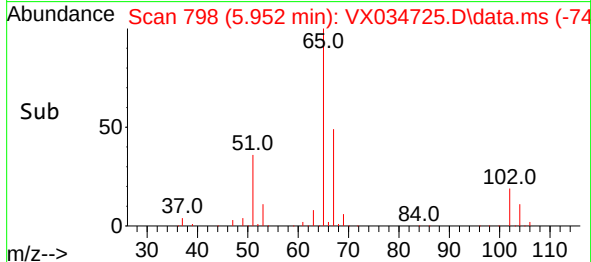
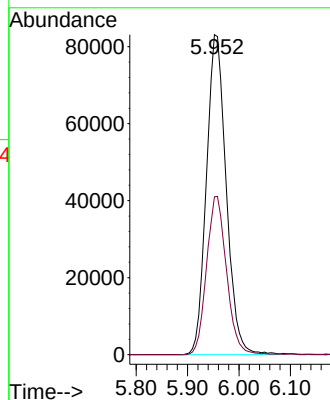
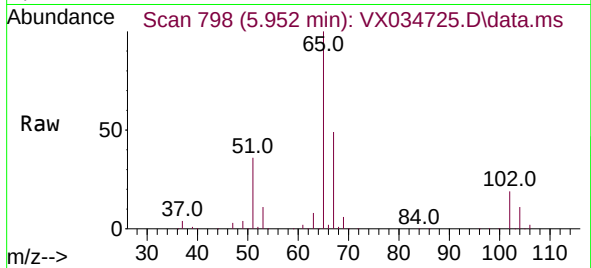




#33
 1,2-Dichloroethane-d4
 Concen: 50.948 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX034725.D
 Acq: 24 Mar 2023 16:52

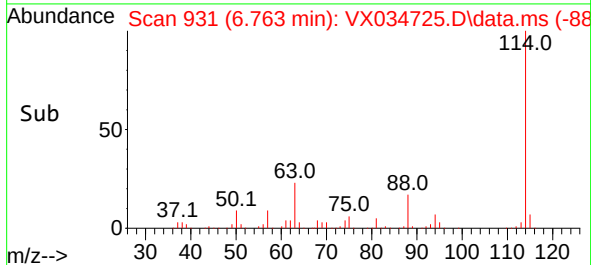
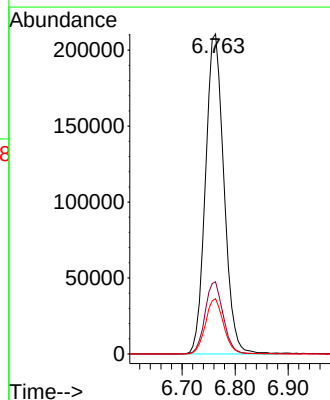
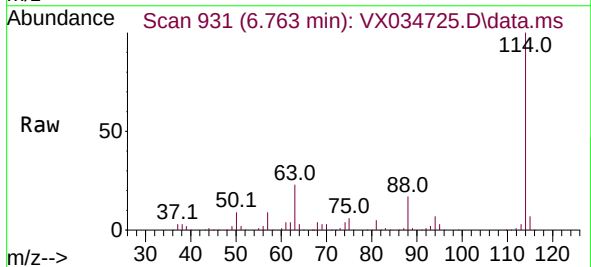
Instrument :
 MSVOA_X
 ClientSampleId :
 025-OUTFALL

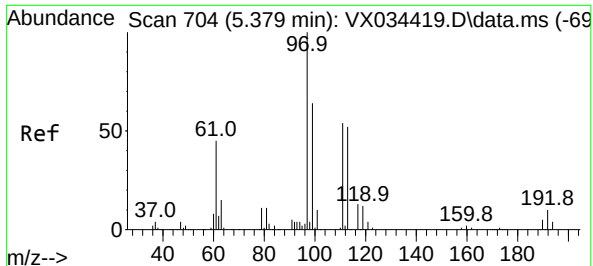
Tgt Ion: 65 Resp: 222763
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034725.D
 Acq: 24 Mar 2023 16:52

Tgt Ion: 114 Resp: 509350
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 42.2
 88 17.3 0.0 33.2

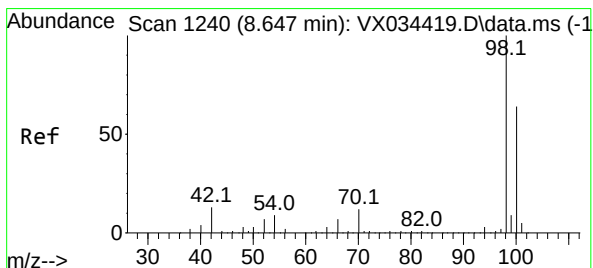
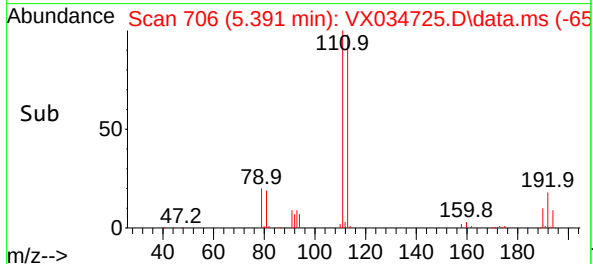
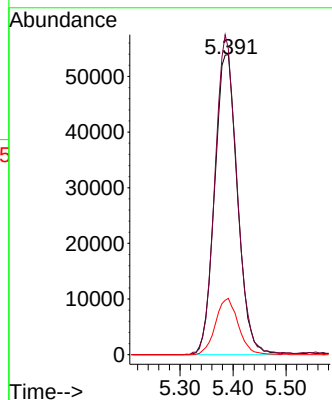
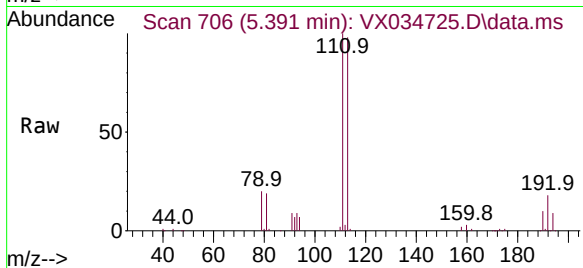




#35
Dibromofluoromethane
Concen: 48.069 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX034725.D
Acq: 24 Mar 2023 16:52

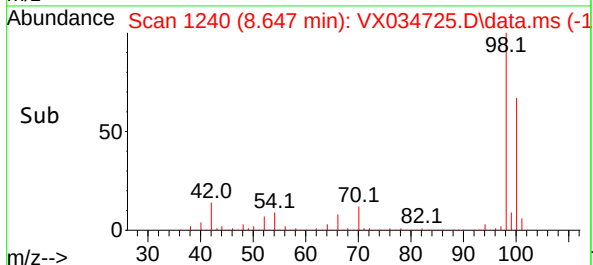
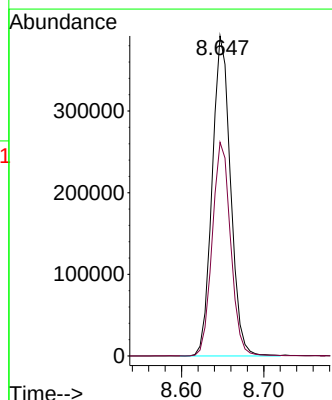
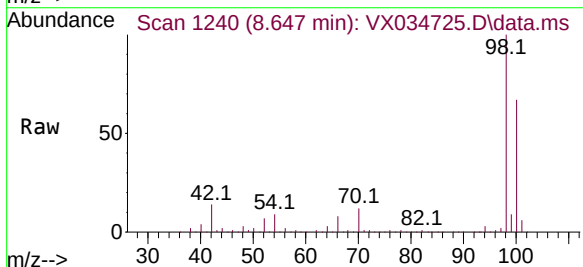
Instrument :
MSVOA_X
ClientSampleId :
025-OUTFALL

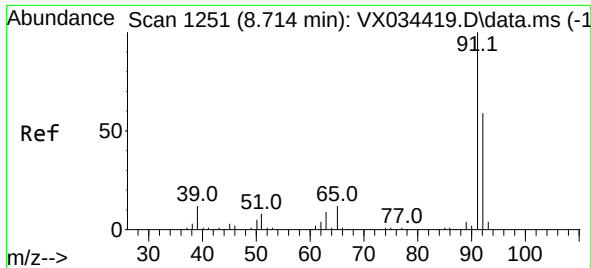
Tgt Ion:113 Resp: 161655
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 18.7 15.4 23.2



#50
Toluene-d8
Concen: 48.533 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034725.D
Acq: 24 Mar 2023 16:52

Tgt Ion: 98 Resp: 609298
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

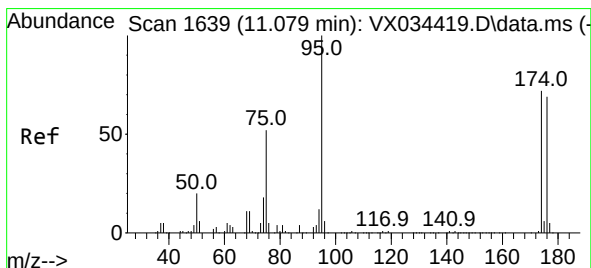
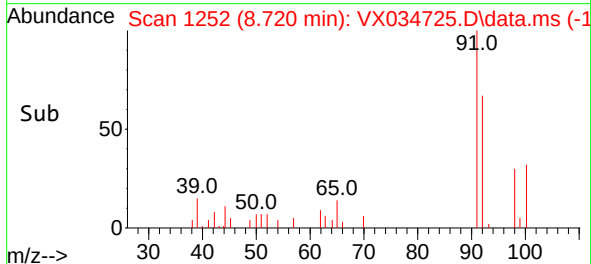
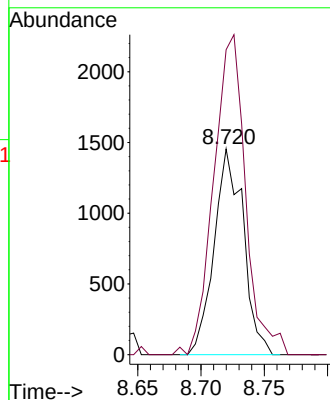
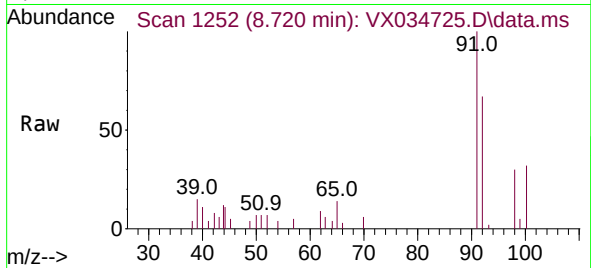




#52
Toluene
Concen: 0.249 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034725.D
Acq: 24 Mar 2023 16:52

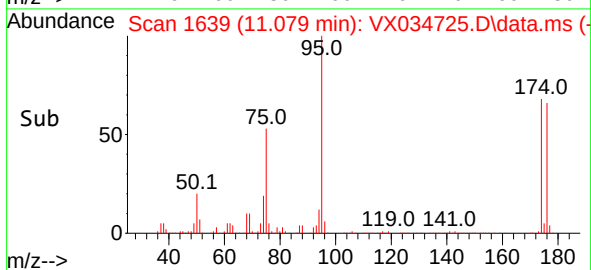
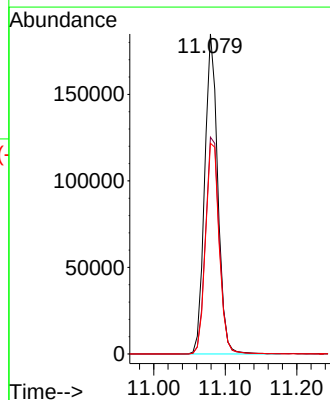
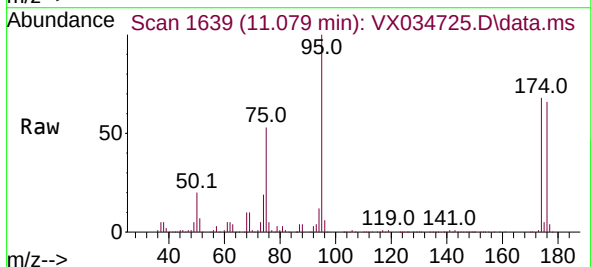
Instrument :
MSVOA_X
ClientSampleId :
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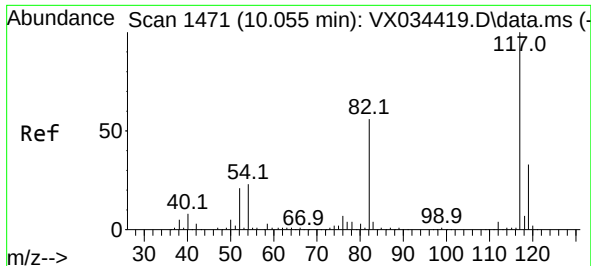
Tgt Ion: 92 Resp: 2334
Ion Ratio Lower Upper
92 100
91 169.4 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 46.431 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034725.D
Acq: 24 Mar 2023 16:52

Tgt Ion: 95 Resp: 235450
Ion Ratio Lower Upper
95 100
174 71.4 0.0 147.4
176 69.1 0.0 140.6

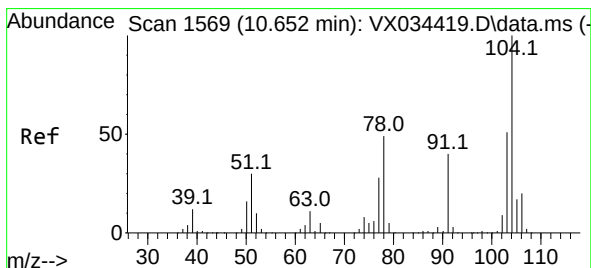
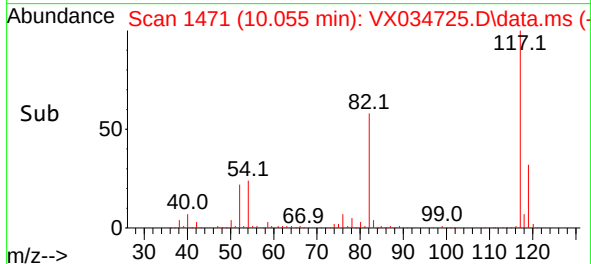
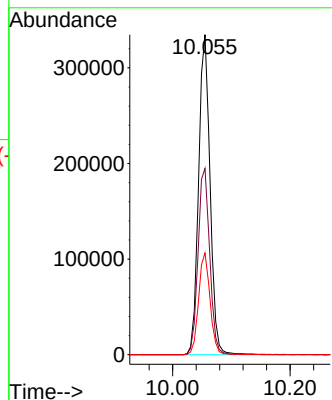
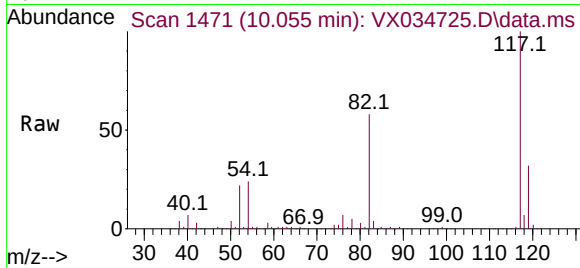




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034725.D
Acq: 24 Mar 2023 16:52

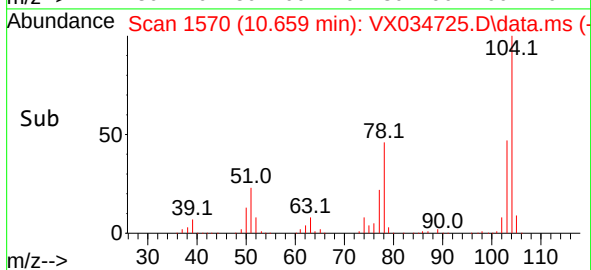
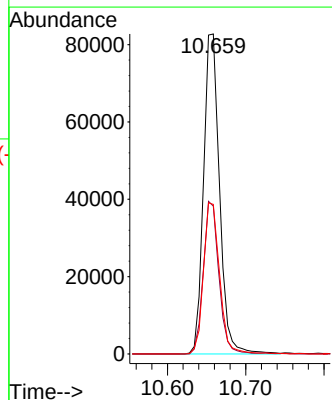
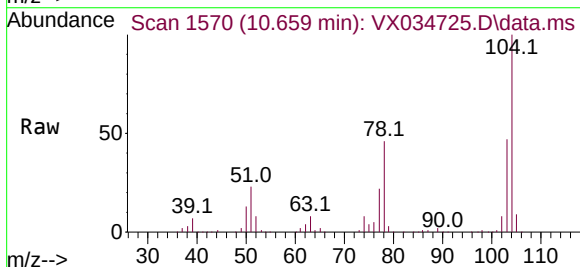
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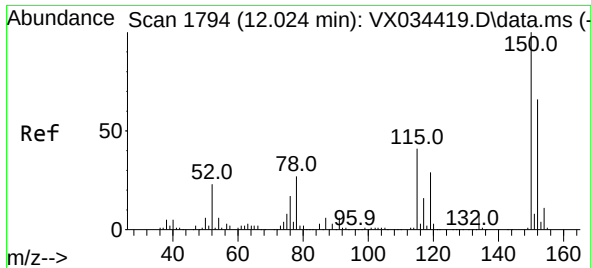
Tgt Ion:117 Resp: 453705
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 31.8 26.0 39.0



#70
Styrene
Concen: 10.598 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX034725.D
Acq: 24 Mar 2023 16:52

Tgt Ion:104 Resp: 117475
Ion Ratio Lower Upper
104 100
78 46.2 43.4 65.2
103 47.6 44.2 66.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034725.D

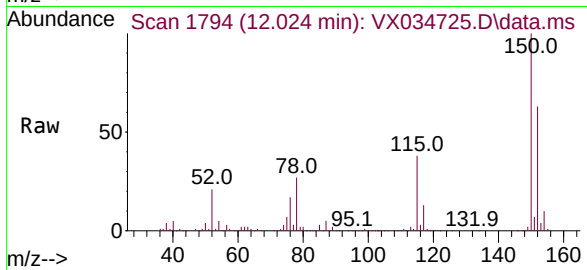
Acq: 24 Mar 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

025-OUTFALL



Tgt Ion:152 Resp: 203017

Ion Ratio Lower Upper

152 100

115 64.5 45.0 135.0

150 159.7 0.0 352.4

