

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034834.D
 Acq On : 29 Mar 2023 17:31
 Operator : JC/MD
 Sample : 02084-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PMW-2

Quant Time: Mar 30 06:32:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 05:38:28 2023
 Response via : Initial Calibration

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

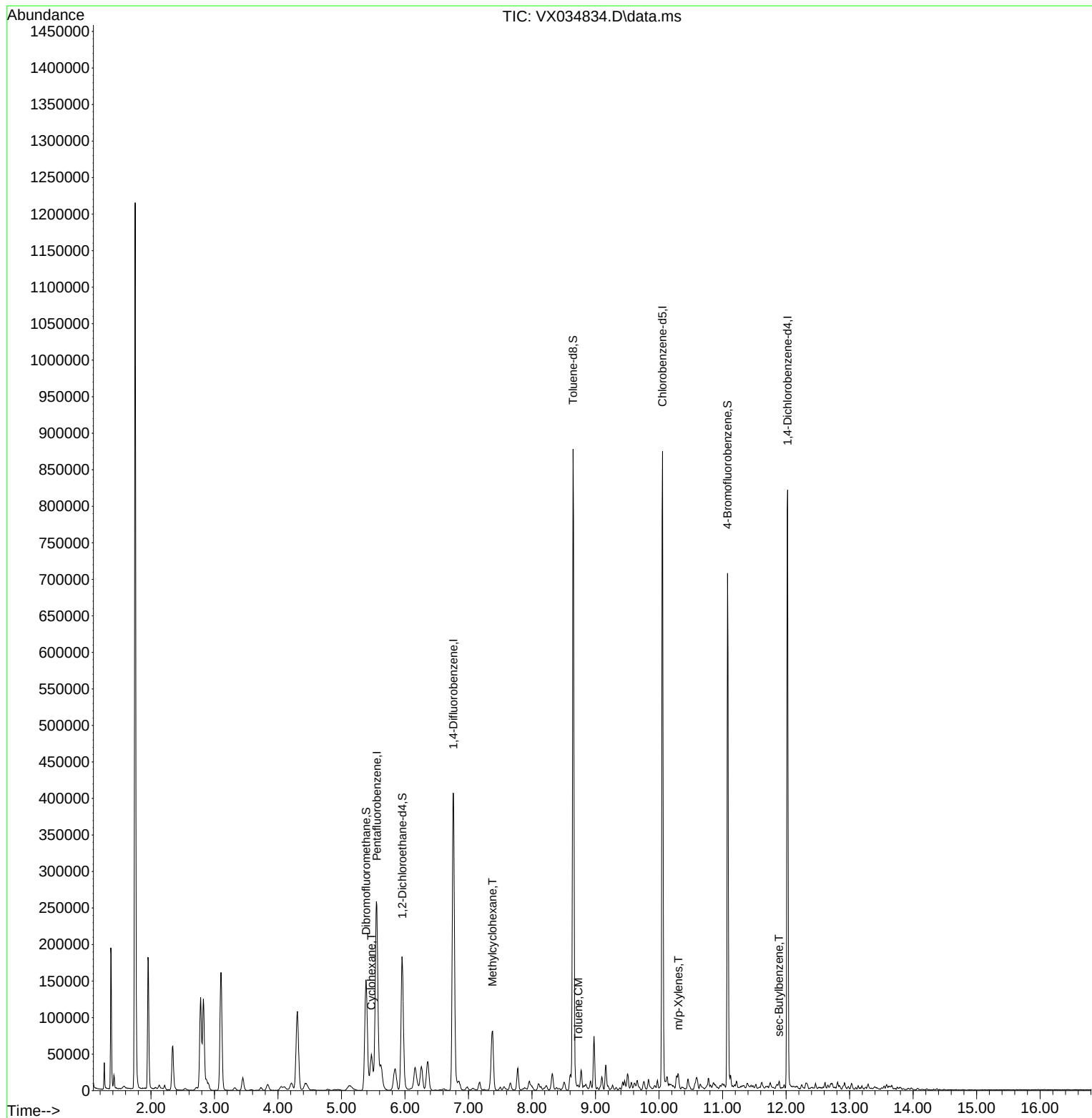
Internal Standards						
1) Pentafluorobenzene	5.556	168	242180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	411224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172380	46.541	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.080%
35) Dibromofluoromethane	5.385	113	128474	47.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.460%
50) Toluene-d8	8.646	98	493871	49.193	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	179976	46.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.660%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.470	56	32721	7.255	ug/l #	94
39) Methylcyclohexane	7.378	83	31264	7.306	ug/l #	85
52) Toluene	8.726	92	1793	0.238	ug/l	92
68) m/p-Xylenes	10.305	106	1872	0.353	ug/l	76
85) sec-Butylbenzene	11.890	105	4104	0.357	ug/l #	75

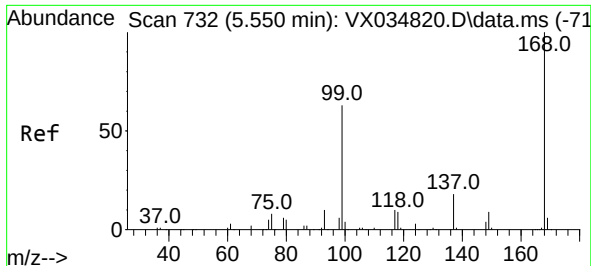
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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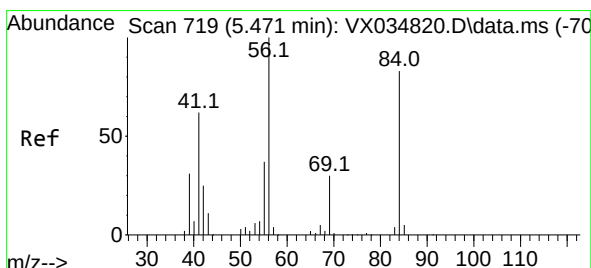
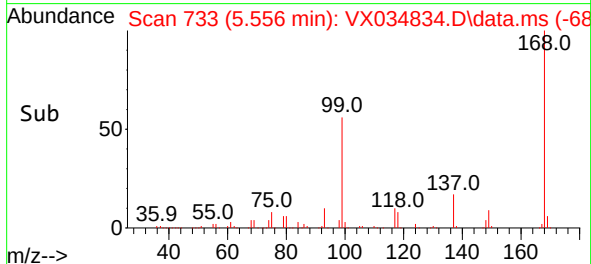
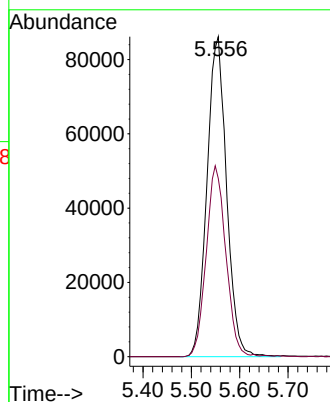
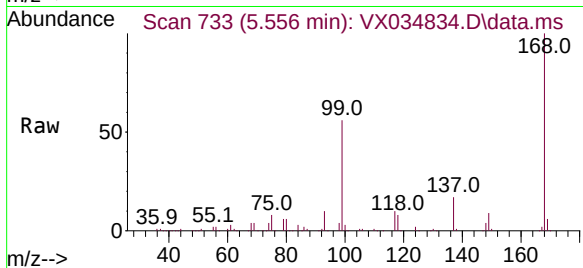




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034834.D
Acq: 29 Mar 2023 17:31

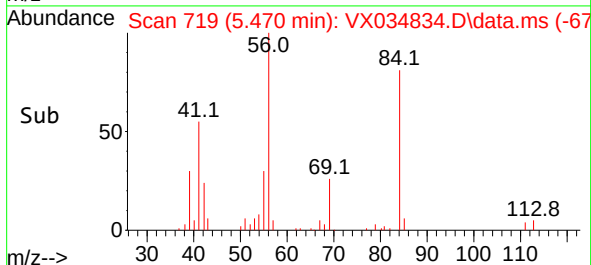
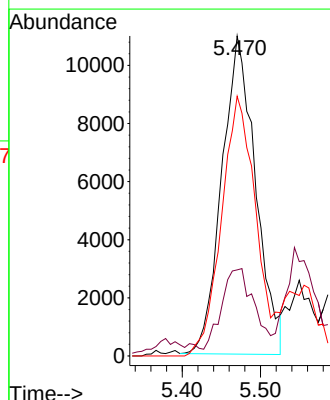
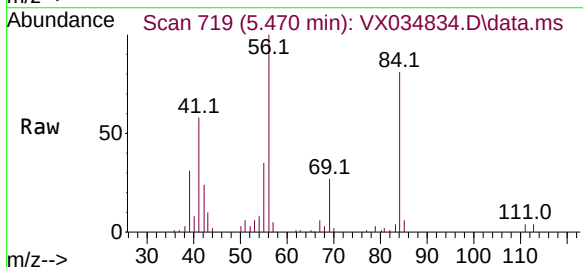
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

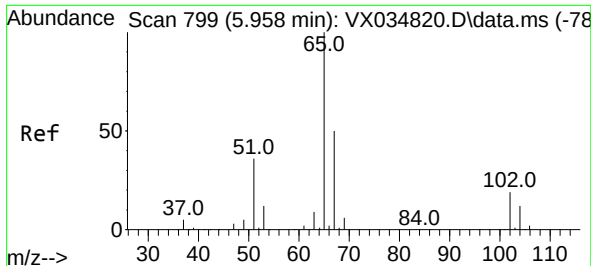
Tgt Ion:168 Resp: 242180
Ion Ratio Lower Upper
168 100
99 55.7 45.7 68.5



#31
Cyclohexane
Concen: 7.255 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX034834.D
Acq: 29 Mar 2023 17:31

Tgt Ion: 56 Resp: 32721
Ion Ratio Lower Upper
56 100
69 23.6 23.7 35.5#
84 81.8 68.5 102.7





#33

1,2-Dichloroethane-d4

Concen: 46.541 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX034834.D

Acq: 29 Mar 2023 17:31

Instrument :

MSVOA_X

ClientSampleId :

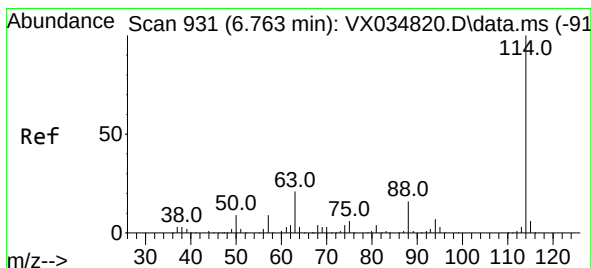
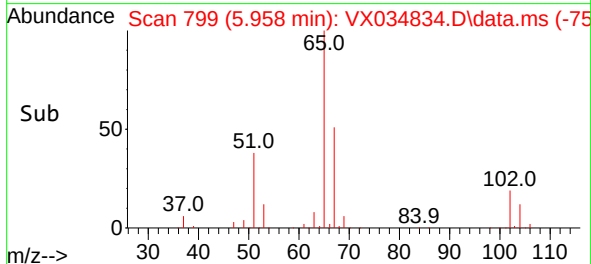
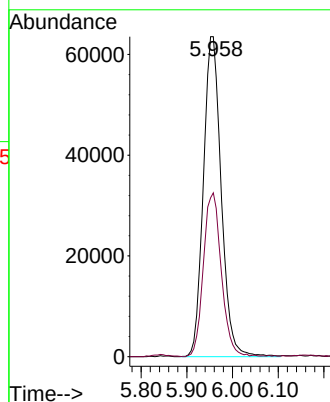
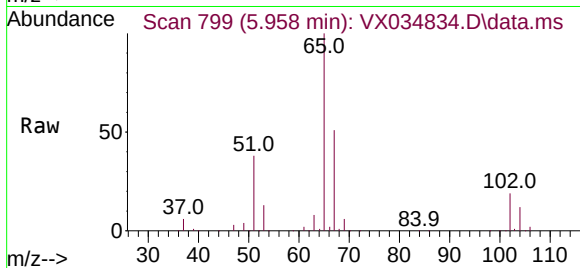
PMW-2

Tgt Ion: 65 Resp: 172380

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034834.D

Acq: 29 Mar 2023 17:31

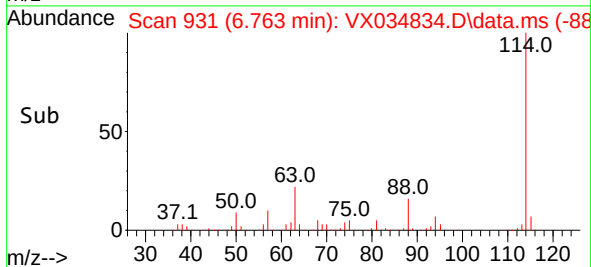
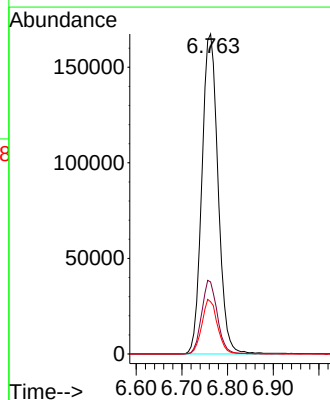
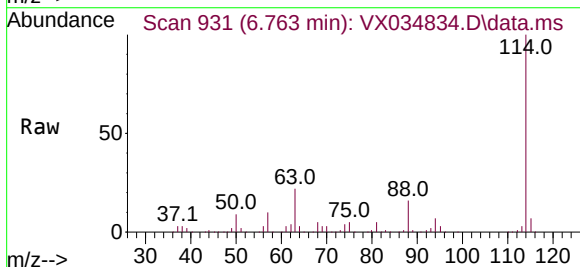
Tgt Ion: 114 Resp: 411224

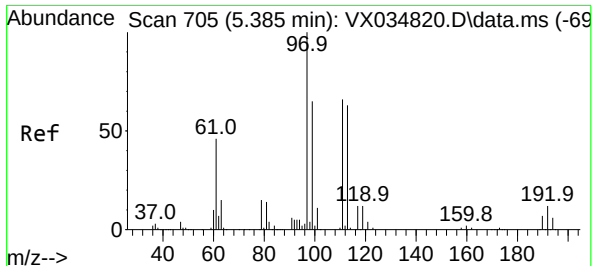
Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.2

88 16.3 0.0 33.2

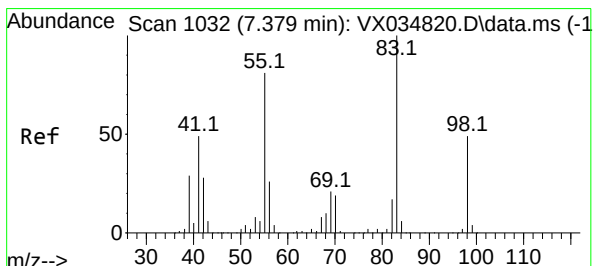
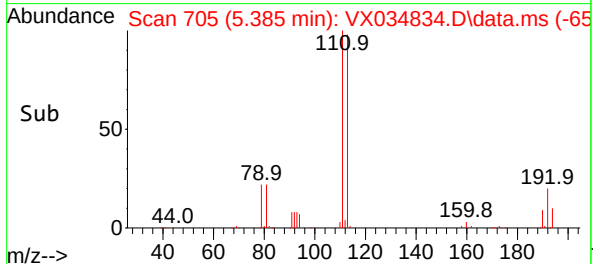
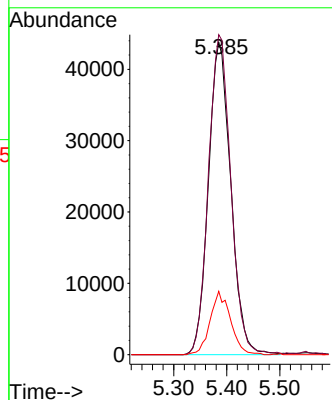
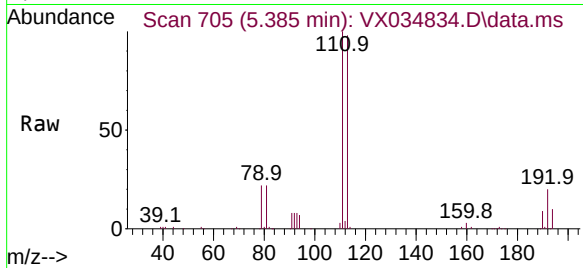




#35
Dibromofluoromethane
Concen: 47.234 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034834.D
Acq: 29 Mar 2023 17:31

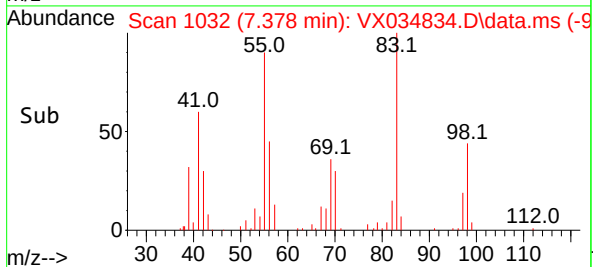
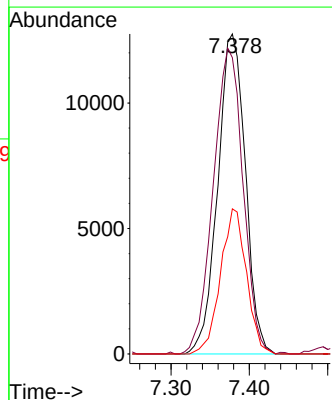
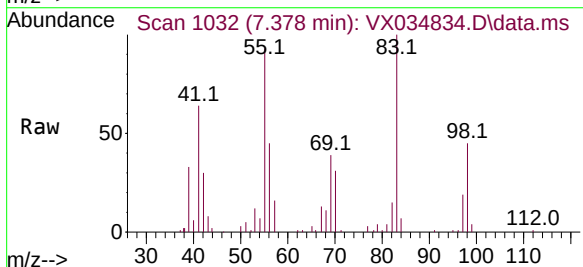
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

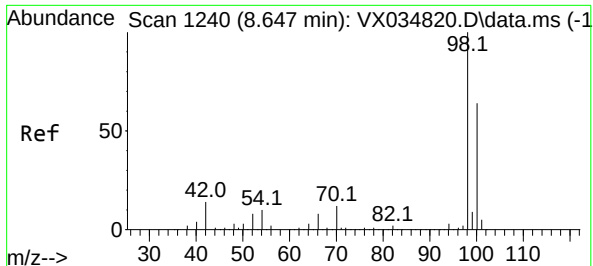
Tgt Ion:113 Resp: 128474
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 18.5 15.4 23.2



#39
Methylcyclohexane
Concen: 7.306 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034834.D
Acq: 29 Mar 2023 17:31

Tgt Ion: 83 Resp: 31264
Ion Ratio Lower Upper
83 100
55 92.6 60.5 90.7#
98 45.4 40.4 60.6

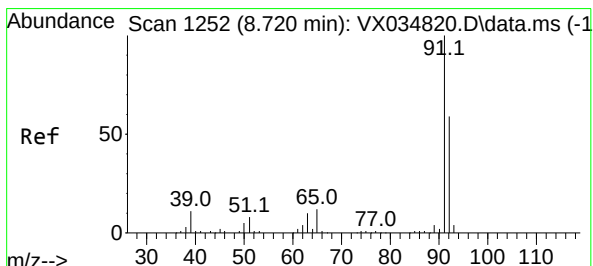
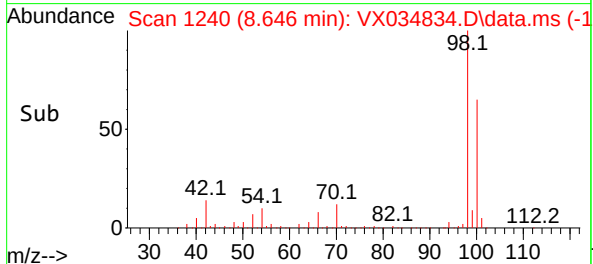
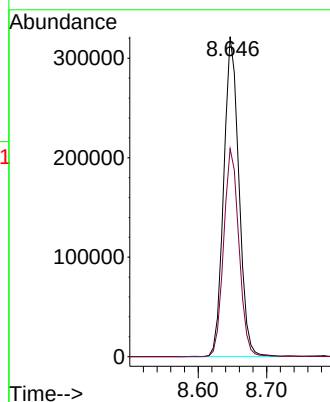
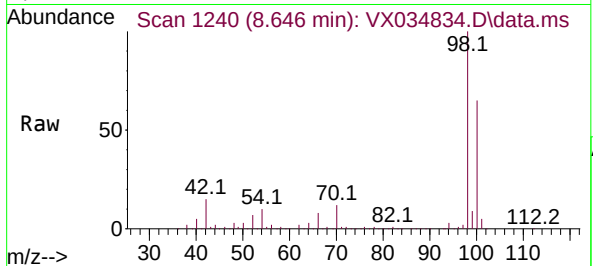




#50
Toluene-d8
Concen: 49.193 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034834.D
Acq: 29 Mar 2023 17:31

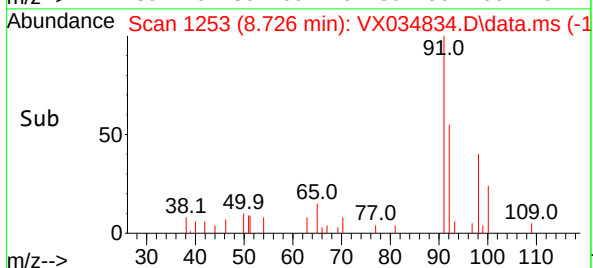
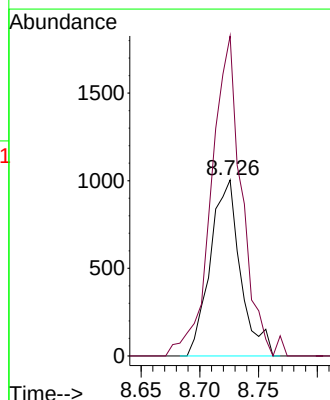
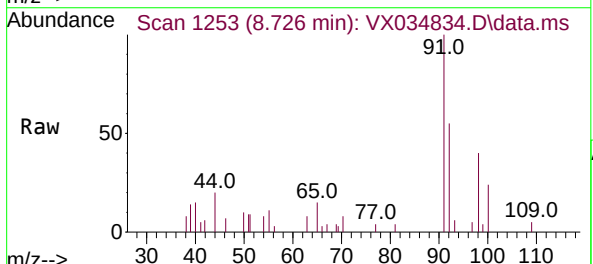
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

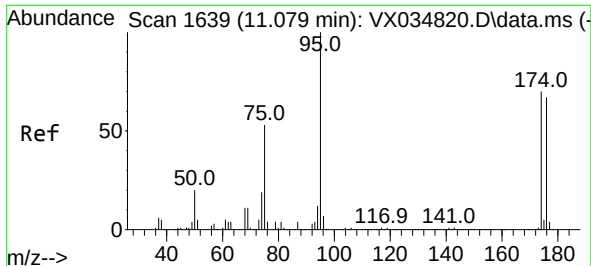
Tgt Ion: 98 Resp: 493871
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#52
Toluene
Concen: 0.238 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX034834.D
Acq: 29 Mar 2023 17:31

Tgt Ion: 92 Resp: 1793
Ion Ratio Lower Upper
92 100
91 181.4 136.8 205.2

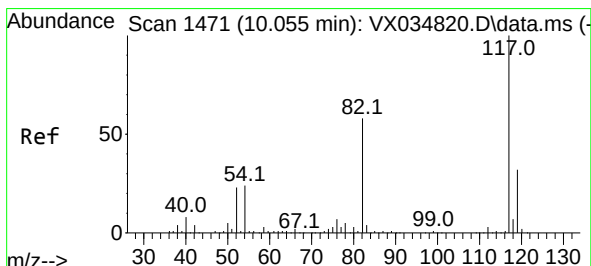
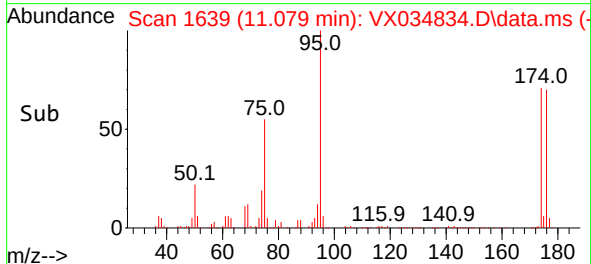
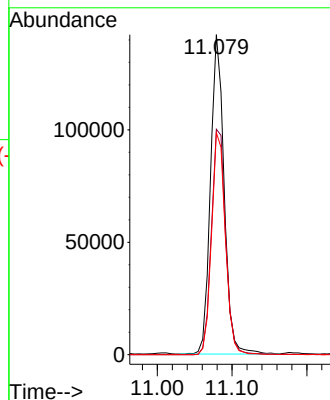
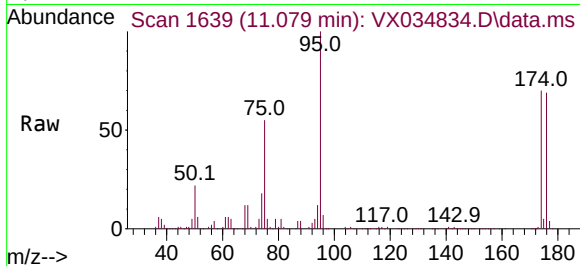




#62
4-Bromofluorobenzene
Concen: 46.326 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034834.D
Acq: 29 Mar 2023 17:31

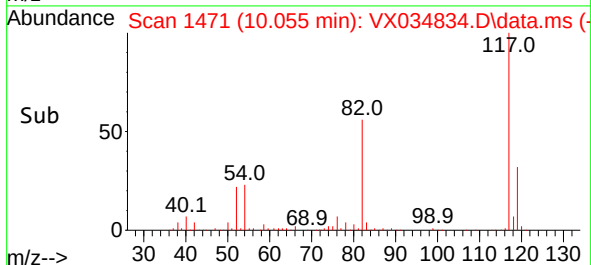
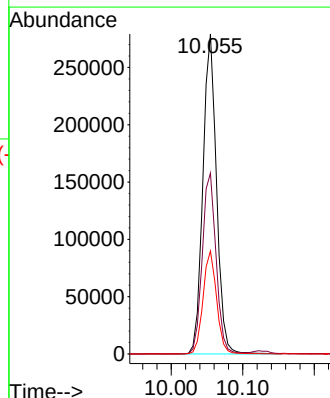
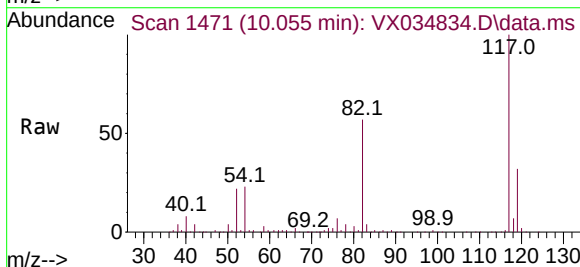
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

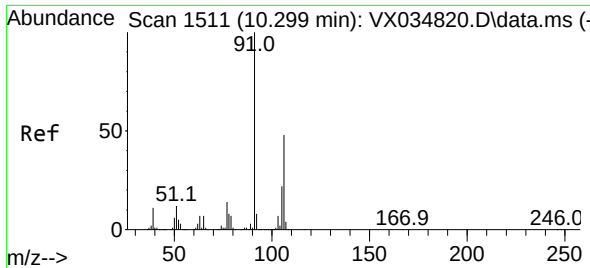
Tgt Ion: 95 Resp: 179976
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.4
176 70.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034834.D
Acq: 29 Mar 2023 17:31

Tgt Ion: 117 Resp: 368653
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 32.2 26.0 39.0

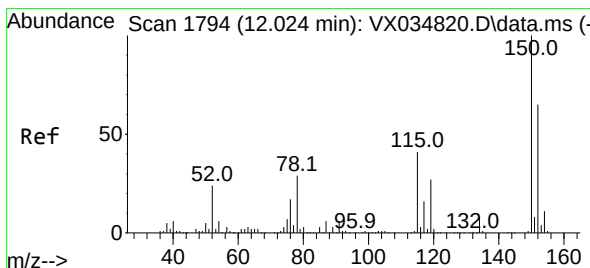
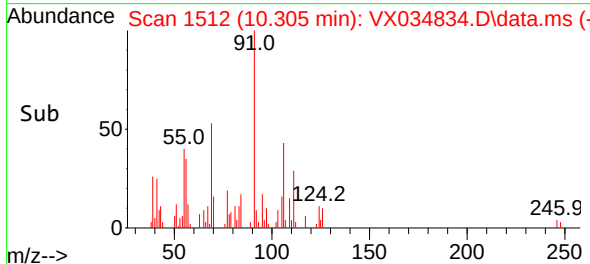
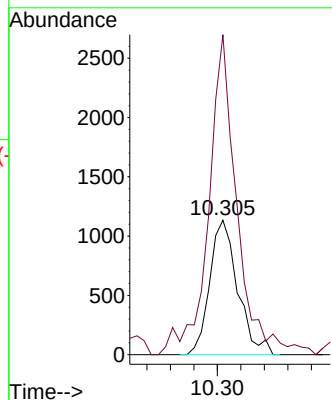
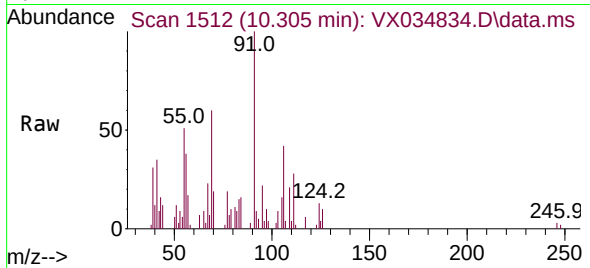




#68
m/p-Xylenes
Concen: 0.353 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034834.D
Acq: 29 Mar 2023 17:31

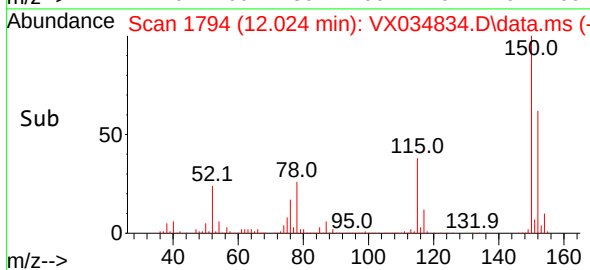
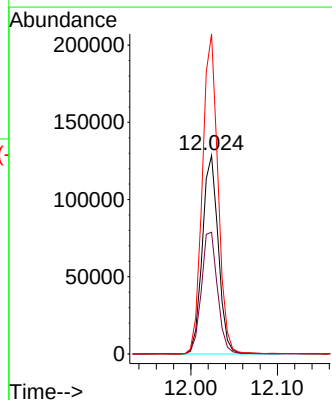
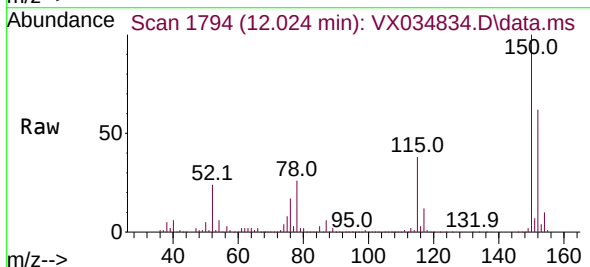
Instrument :
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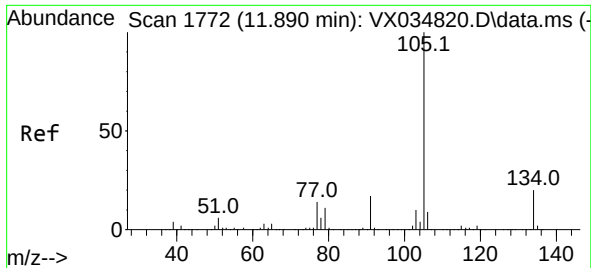
Tgt Ion:106 Resp: 1872
Ion Ratio Lower Upper
106 100
91 242.3 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034834.D
Acq: 29 Mar 2023 17:31

Tgt Ion:152 Resp: 164474
Ion Ratio Lower Upper
152 100
115 62.2 45.0 135.0
150 157.7 0.0 352.4





#85
 sec-Butylbenzene
 Concen: 0.357 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034834.D
 Acq: 29 Mar 2023 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 PMW-2

Tgt Ion:105 Resp: 4104
 Ion Ratio Lower Upper
 105 100
 134 32.0 10.2 30.4#

