

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034795.D
 Acq On : 28 Mar 2023 16:04
 Operator : JC/MD
 Sample : 02065-02ME 10X
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1161ME

Quant Time: Mar 28 16:32:31 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)

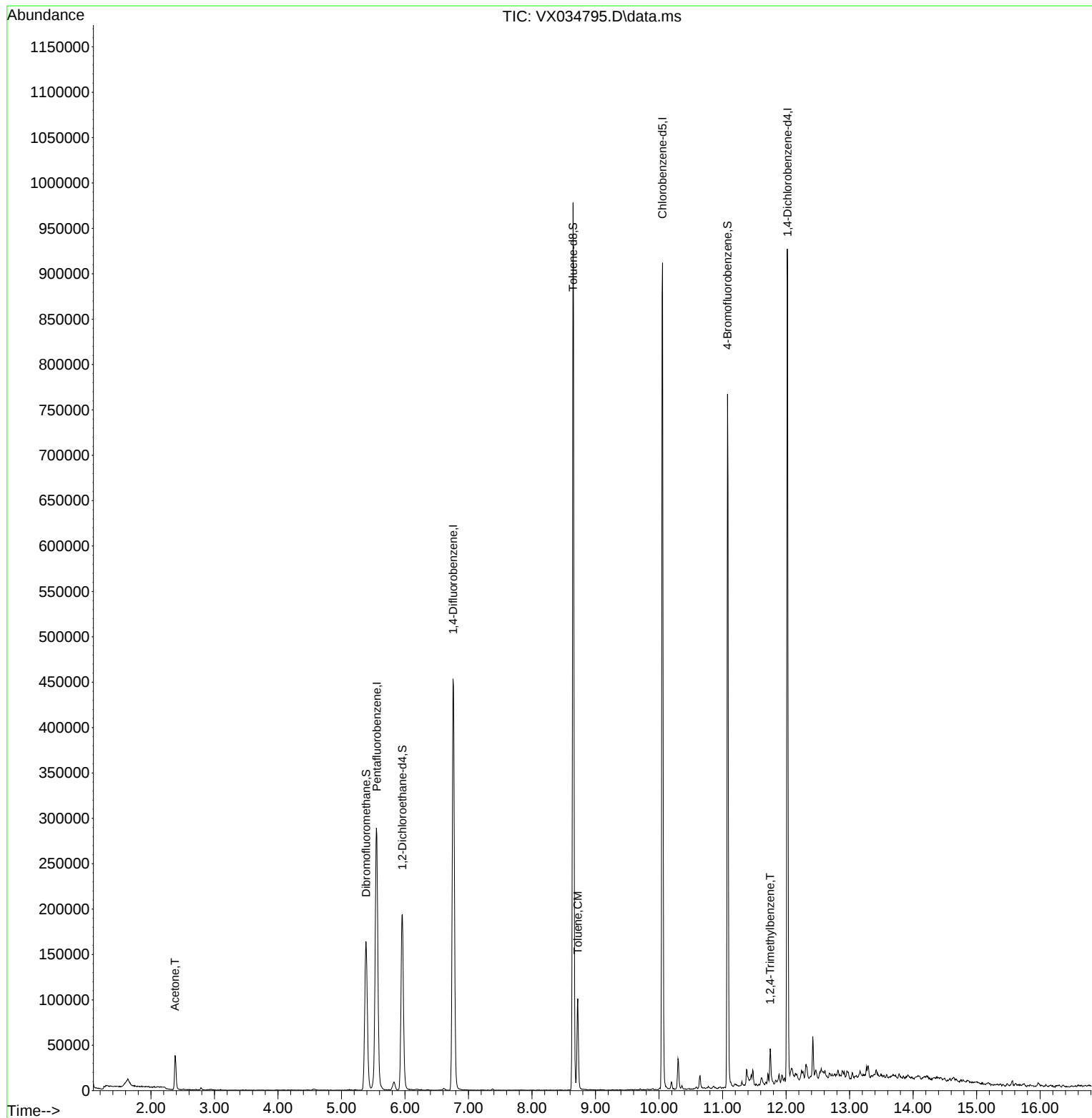
Internal Standards						
1) Pentafluorobenzene	5.556	168	266855	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	455561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186632	48.074	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.140%		
35) Dibromofluoromethane	5.385	113	141691	47.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.220%		
50) Toluene-d8	8.647	98	551933	49.155	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.300%		
62) 4-Bromofluorobenzene	11.079	95	198789	43.830	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.660%		
Target Compounds						
16) Acetone	2.380	43	41971	22.951	ug/l	95
52) Toluene	8.720	92	37792	4.517	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	15394	1.269	ug/l	98

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

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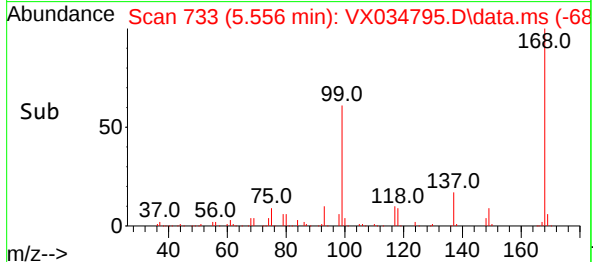
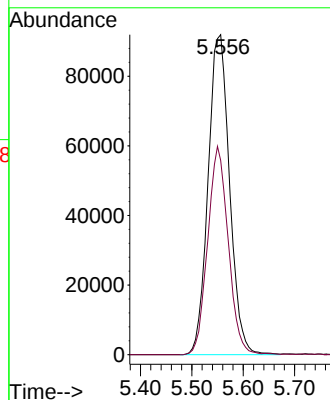
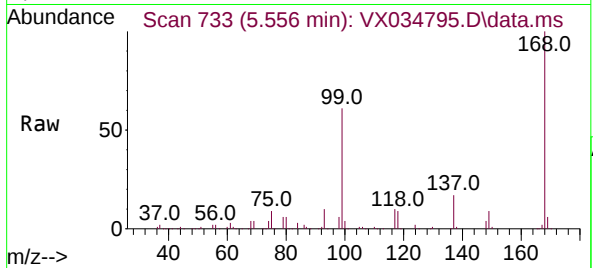




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

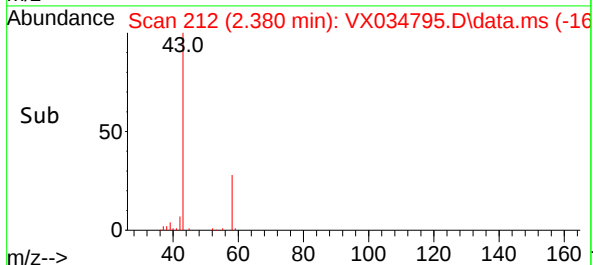
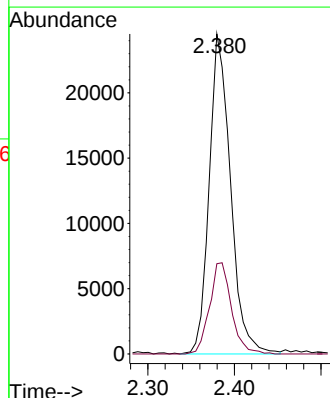
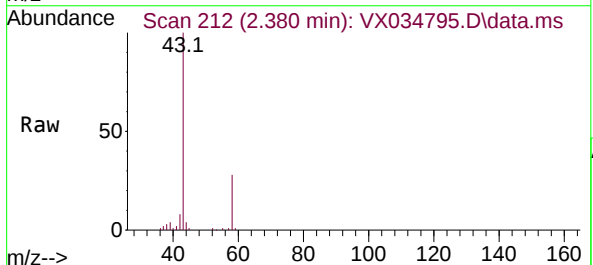
Instrument :
MSVOA_X
ClientSampleId :
1161ME

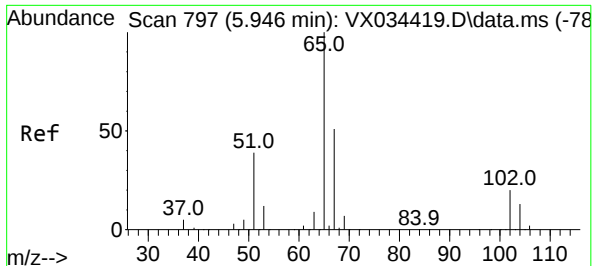
Tgt Ion:168 Resp: 266855
Ion Ratio Lower Upper
168 100
99 60.7 45.7 68.5



#16
Acetone
Concen: 22.951 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Tgt Ion: 43 Resp: 41971
Ion Ratio Lower Upper
43 100
58 28.2 24.7 37.1





#33

1,2-Dichloroethane-d4

Concen: 48.074 ug/l

RT: 5.958 min Scan# 79

Delta R.T. 0.012 min

Lab File: VX034795.D

Acq: 28 Mar 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

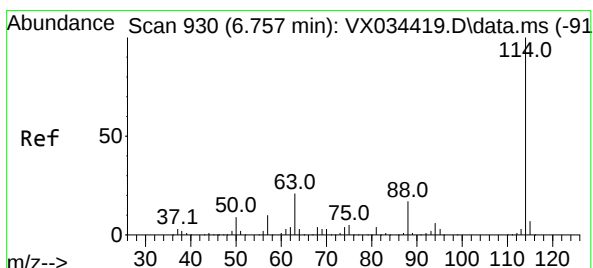
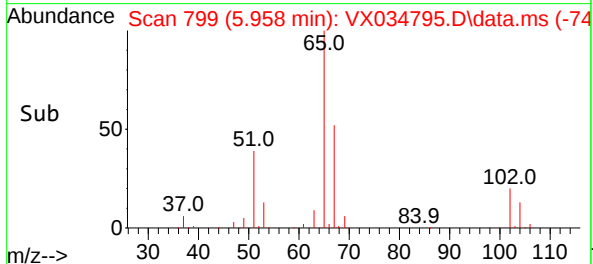
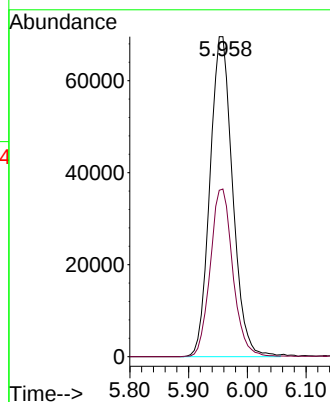
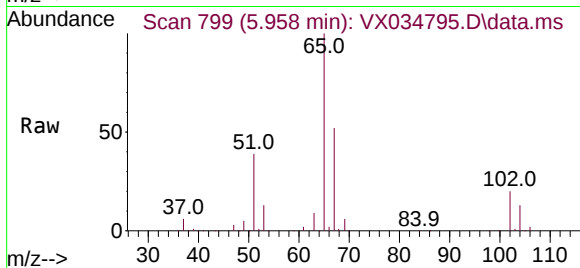
1161ME

Tgt Ion: 65 Resp: 186632

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034795.D

Acq: 28 Mar 2023 16:04

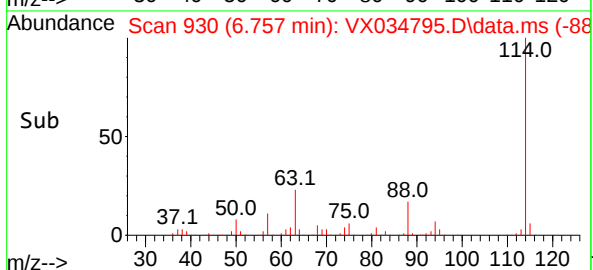
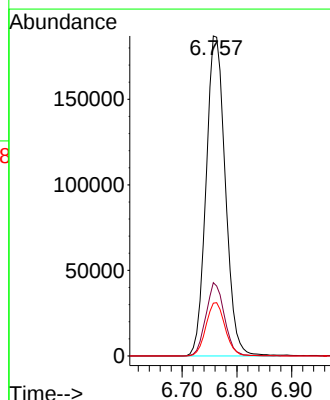
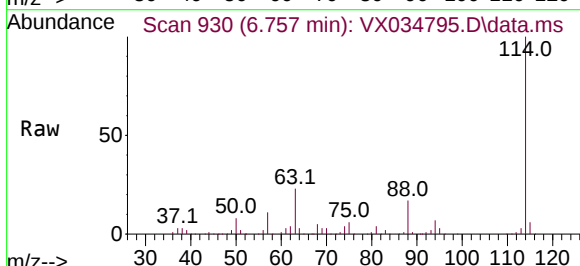
Tgt Ion: 114 Resp: 455561

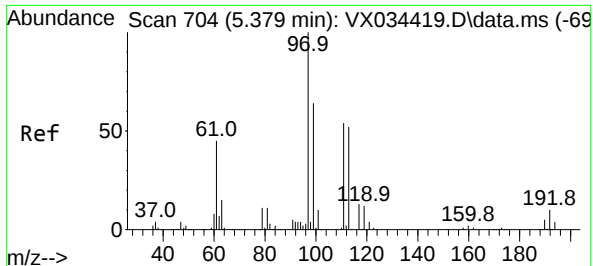
Ion Ratio Lower Upper

114 100

63 22.9 0.0 42.2

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.107 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034795.D

Acq: 28 Mar 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

1161ME

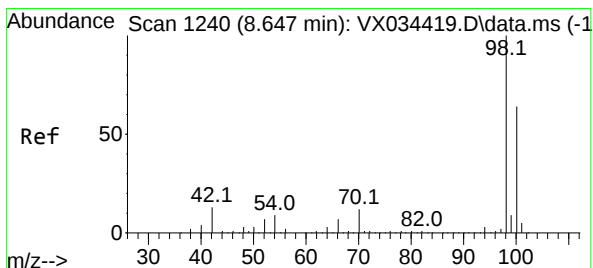
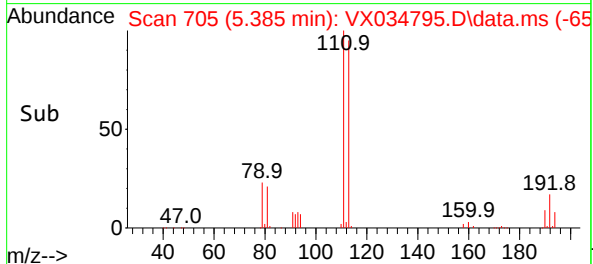
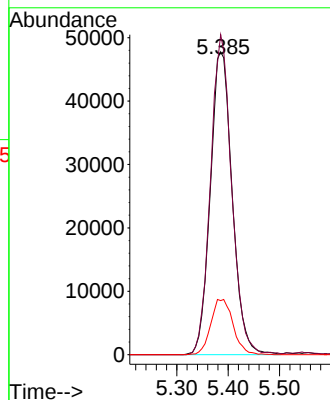
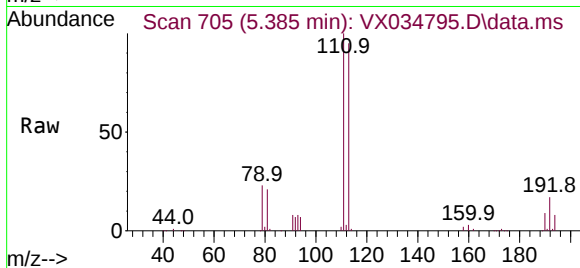
Tgt Ion:113 Resp: 141691

Ion Ratio Lower Upper

113 100

111 102.2 83.7 125.5

192 18.6 15.4 23.2



#50

Toluene-d8

Concen: 49.155 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034795.D

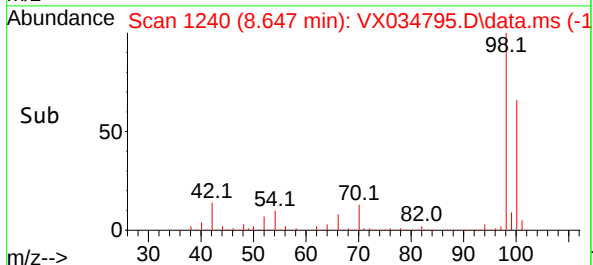
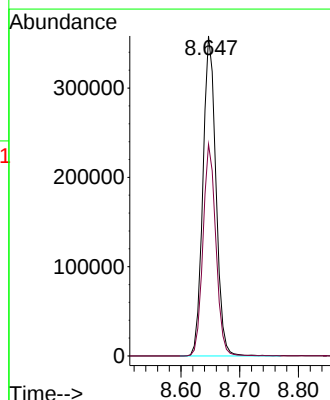
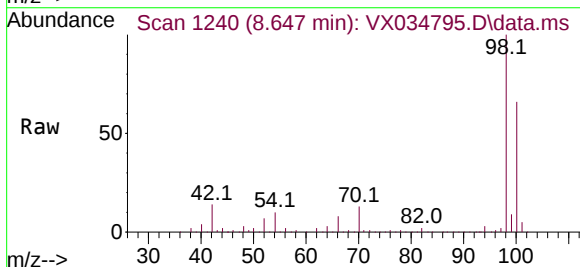
Acq: 28 Mar 2023 16:04

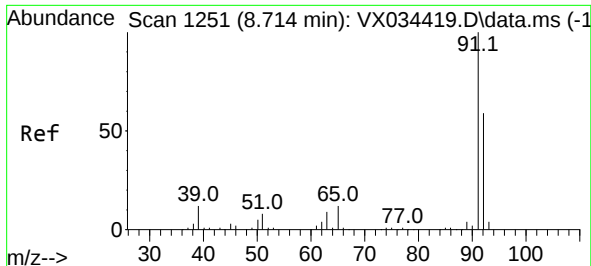
Tgt Ion: 98 Resp: 551933

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7

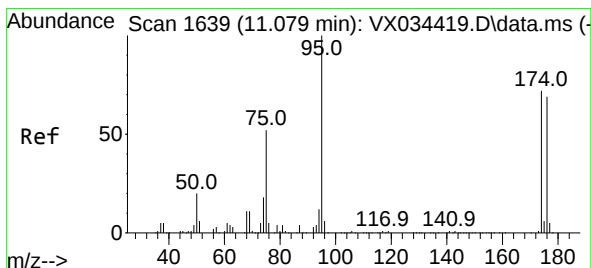
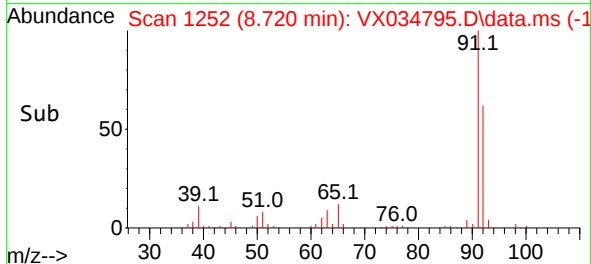
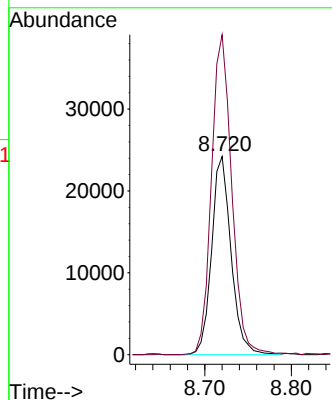
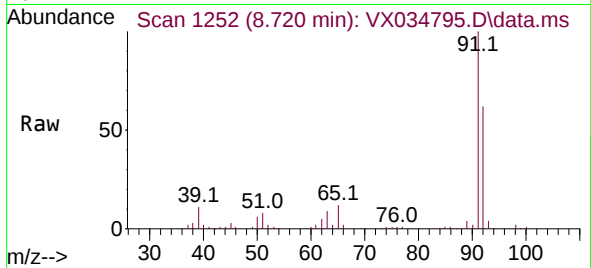




#52
Toluene
Concen: 4.517 ug/l
RT: 8.720 min Scan# 1161
Delta R.T. 0.006 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

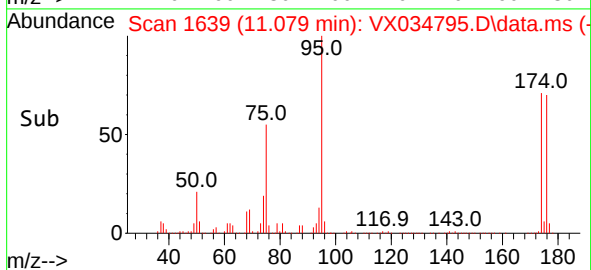
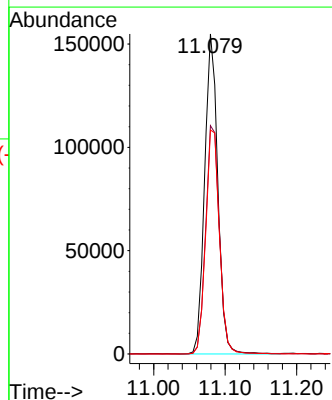
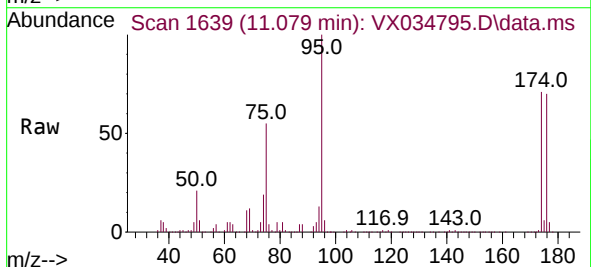
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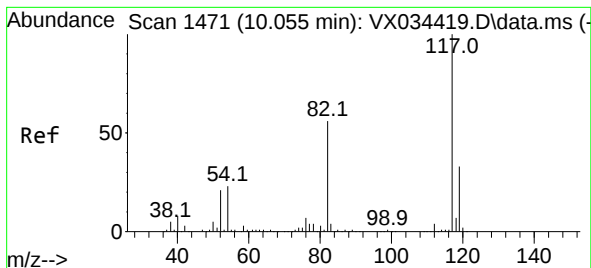
Tgt Ion: 92 Resp: 37792
Ion Ratio Lower Upper
92 100
91 168.6 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 43.830 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Tgt Ion: 95 Resp: 198789
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.4
176 73.1 0.0 140.6

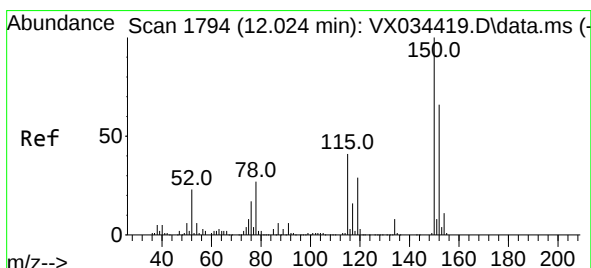
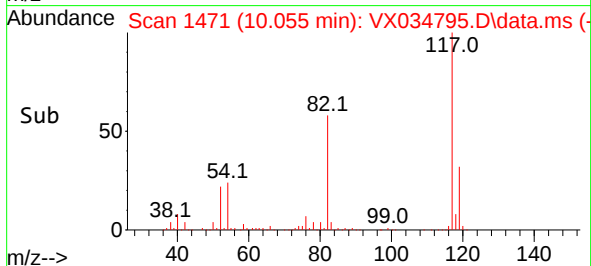
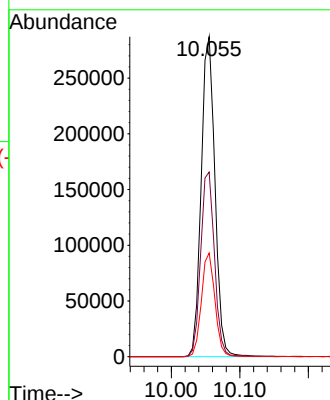
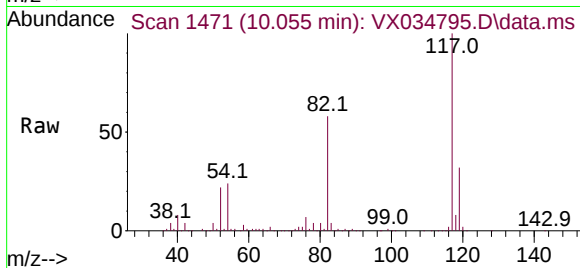




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

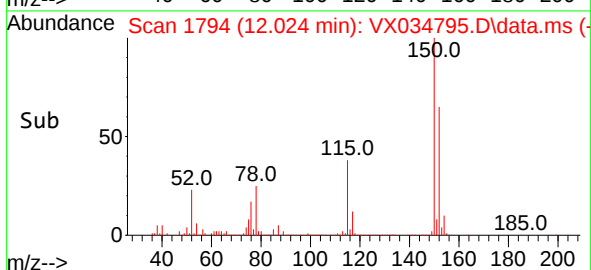
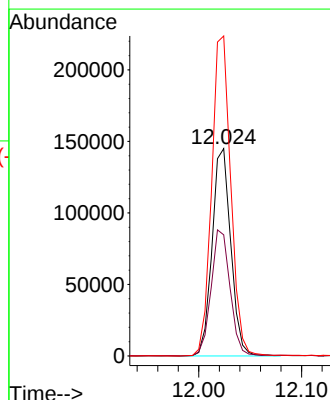
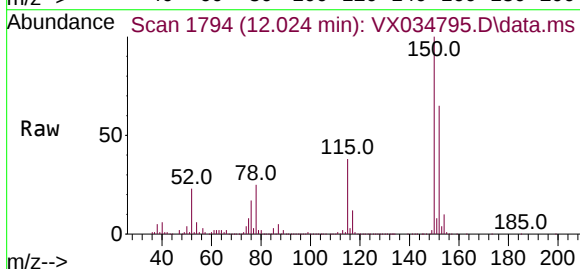
Instrument :
MSVOA_X
ClientSampleId :
1161ME

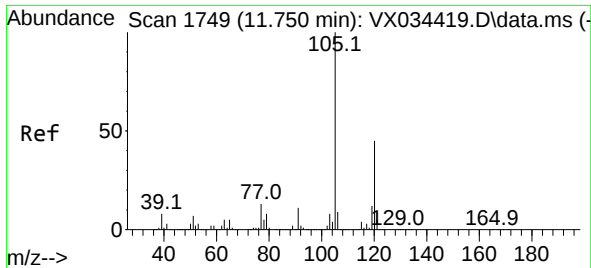
Tgt Ion:117 Resp: 401875
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Tgt Ion:152 Resp: 183067
Ion Ratio Lower Upper
152 100
115 61.6 45.0 135.0
150 157.9 0.0 352.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.269 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034795.D
 Acq: 28 Mar 2023 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 1161ME

Tgt Ion:105 Resp: 15394
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.4 67.0

