

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038415.D
 Acq On : 20 Oct 2023 20:08
 Operator : JC/MD
 Sample : 04991-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1026

Quant Time: Oct 21 01:51:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

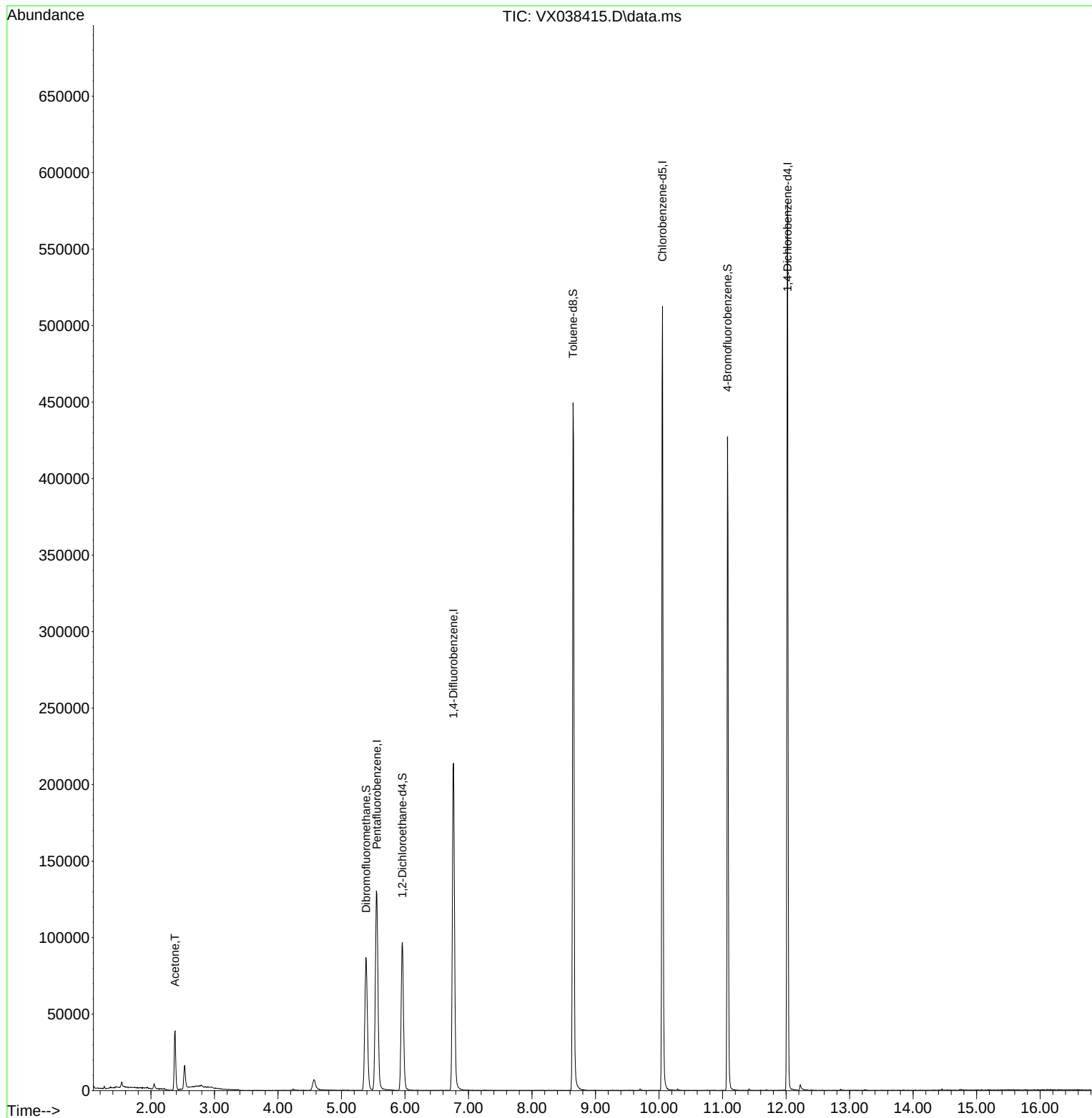
Internal Standards						
1) Pentafluorobenzene	5.556	168	125795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91199	45.074	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.140%
35) Dibromofluoromethane	5.385	113	73548	45.035	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.060%
50) Toluene-d8	8.647	98	285199	45.700	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.400%#
62) 4-Bromofluorobenzene	11.079	95	106203	44.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.780%
Target Compounds						
16) Acetone	2.380	43	40530	47.997	ug/l	Qvalue 90

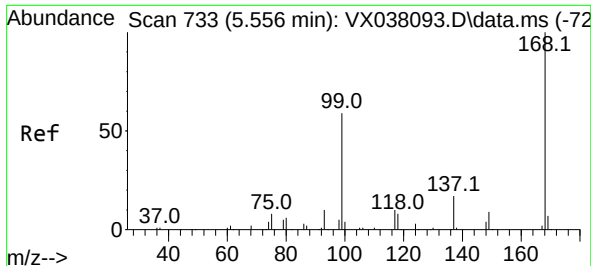
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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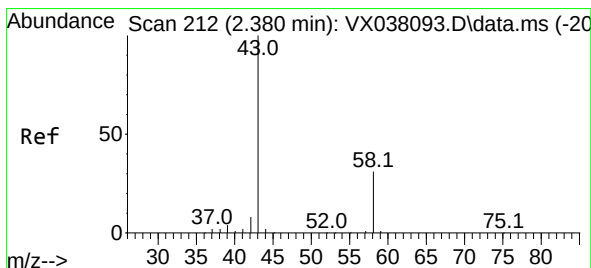
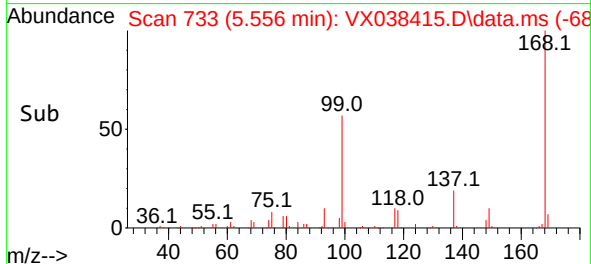
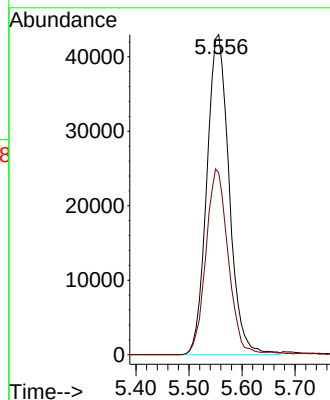
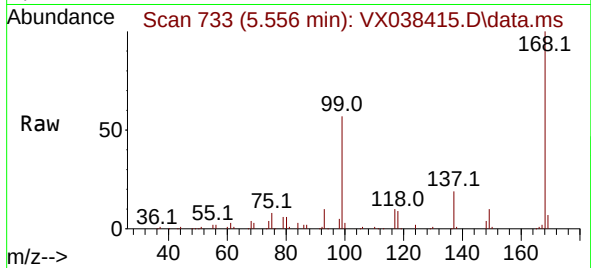




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038415.D
Acq: 20 Oct 2023 20:08

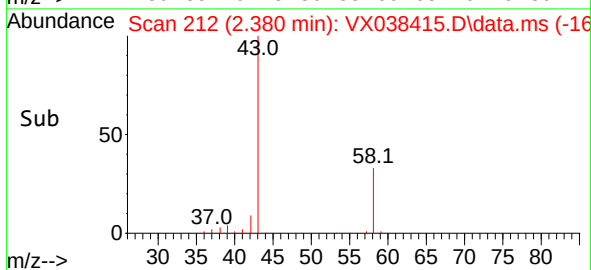
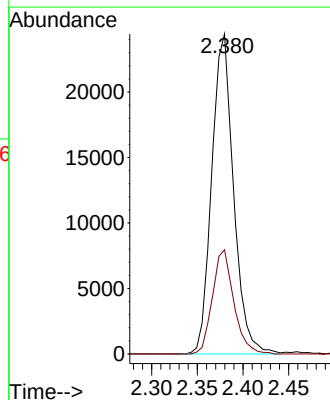
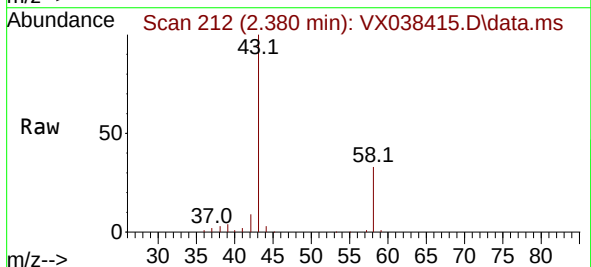
Instrument :
MSVOA_X
ClientSampleId :
1026

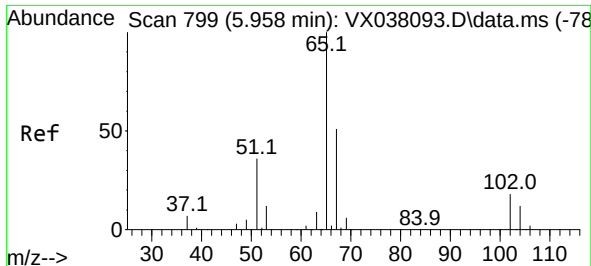
Tgt Ion:168 Resp: 125795
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#16
Acetone
Concen: 47.997 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038415.D
Acq: 20 Oct 2023 20:08

Tgt Ion: 43 Resp: 40530
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 45.074 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038415.D

Acq: 20 Oct 2023 20:08

Instrument :

MSVOA_X

ClientSampleId :

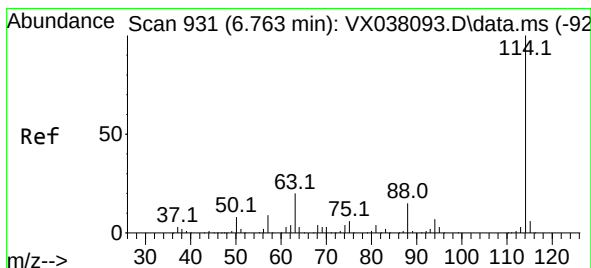
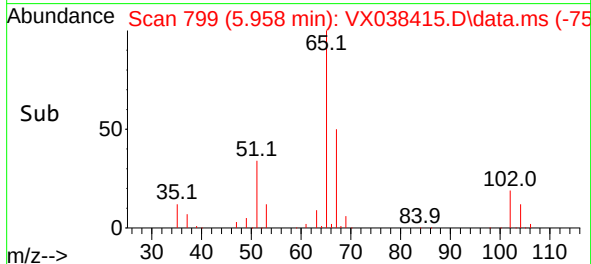
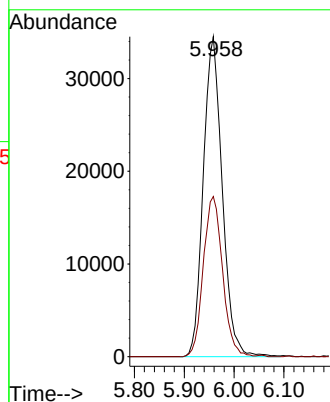
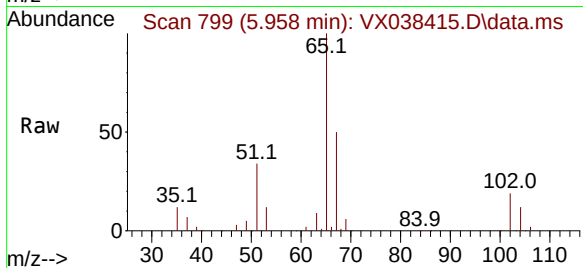
1026

Tgt Ion: 65 Resp: 91199

Ion Ratio Lower Upper

65 100

67 50.8 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: VX038415.D

Acq: 20 Oct 2023 20:08

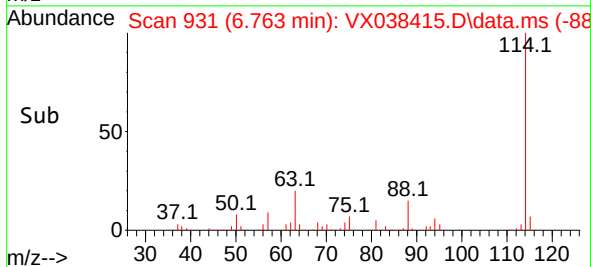
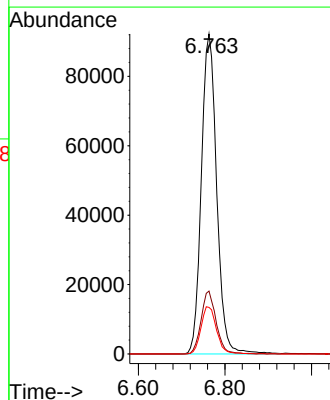
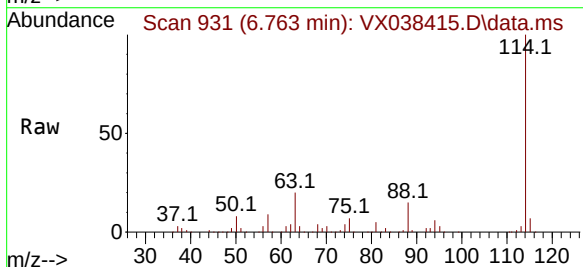
Tgt Ion: 114 Resp: 226648

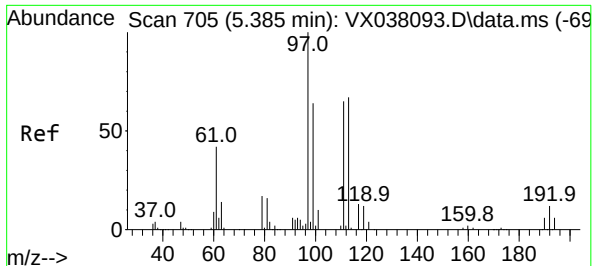
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 14.5 0.0 36.6

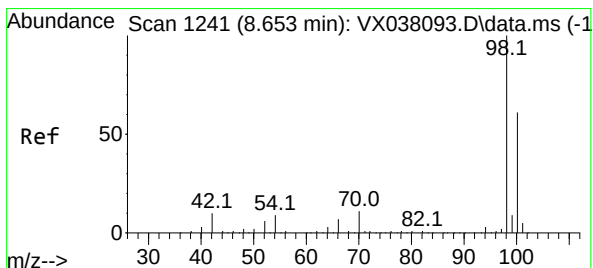
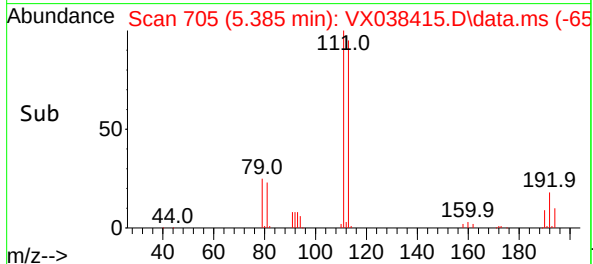
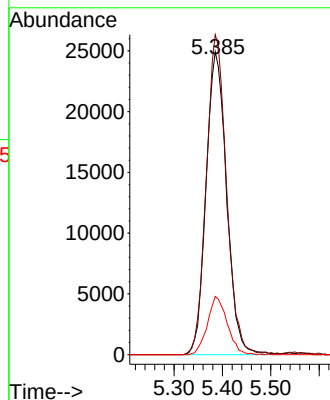
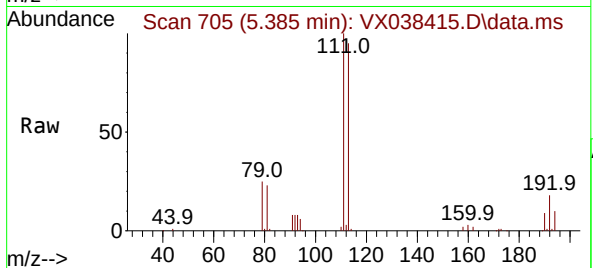




#35
Dibromofluoromethane
Concen: 45.035 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038415.D
Acq: 20 Oct 2023 20:08

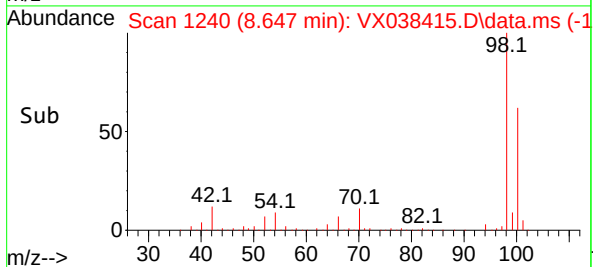
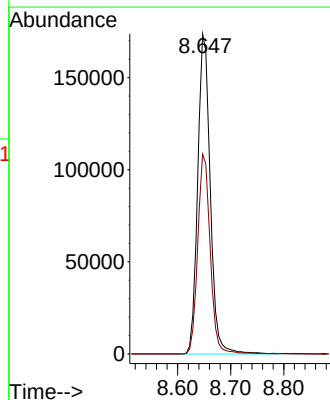
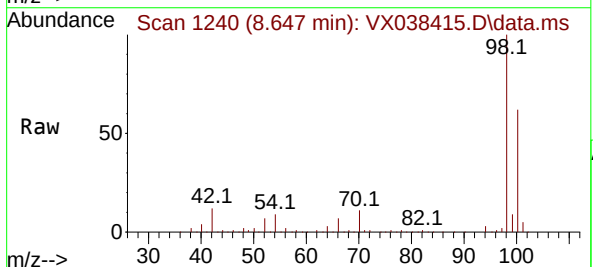
Instrument :
MSVOA_X
ClientSampleId :
1026

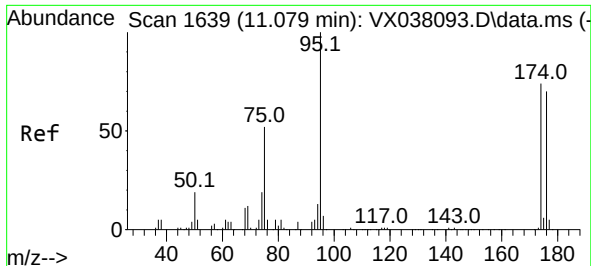
Tgt Ion:113 Resp: 73548
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.5 13.3 19.9



#50
Toluene-d8
Concen: 45.700 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038415.D
Acq: 20 Oct 2023 20:08

Tgt Ion: 98 Resp: 285199
Ion Ratio Lower Upper
98 100
100 62.1 53.1 79.7

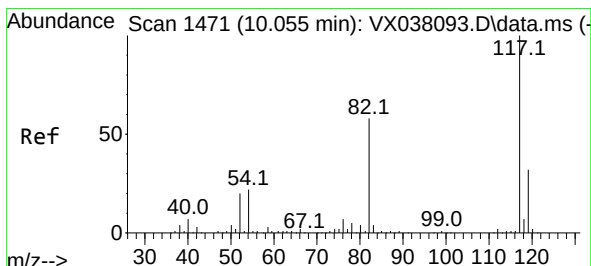
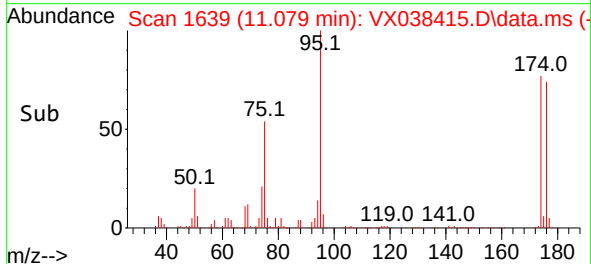
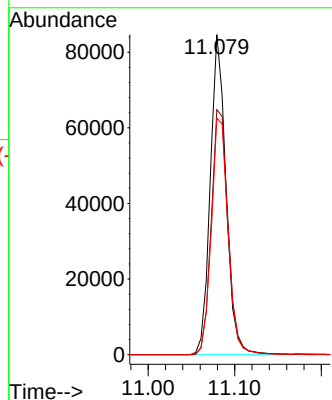
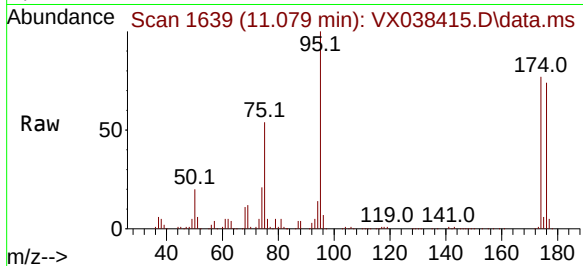




#62
4-Bromofluorobenzene
Concen: 44.889 ug/l
RT: 11.079 min Scan# 11026
Delta R.T. 0.000 min
Lab File: VX038415.D
Acq: 20 Oct 2023 20:08

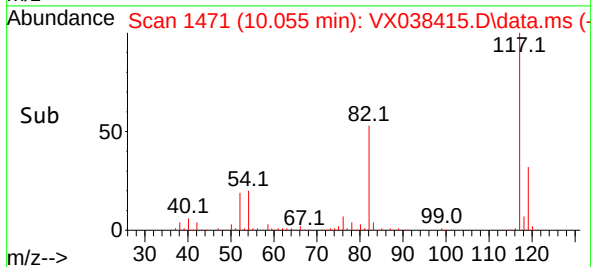
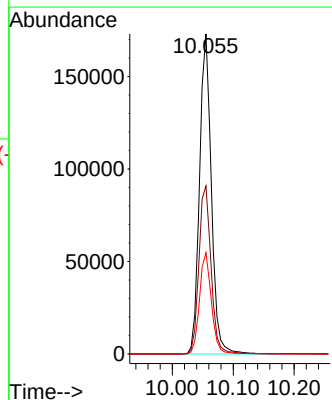
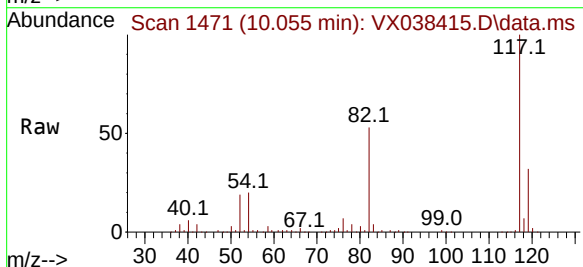
Instrument :
MSVOA_X
ClientSampleId :
1026

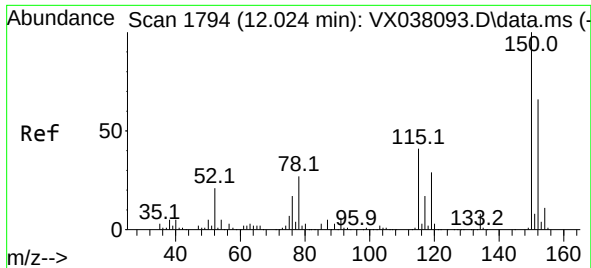
Tgt Ion: 95 Resp: 106203
Ion Ratio Lower Upper
95 100
174 82.9 0.0 135.6
176 79.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038415.D
Acq: 20 Oct 2023 20:08

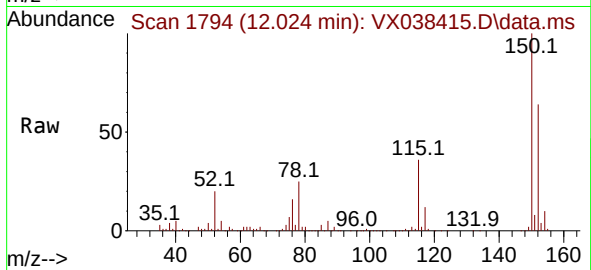
Tgt Ion: 117 Resp: 232725
Ion Ratio Lower Upper
117 100
82 52.5 46.2 69.4
119 31.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038415.D
 Acq: 20 Oct 2023 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 1026



Tgt Ion:152 Resp: 119298
 Ion Ratio Lower Upper
 152 100
 115 59.2 43.3 129.9
 150 159.9 0.0 345.0

