

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071524\
 Data File : VX042327.D
 Acq On : 15 Jul 2024 15:32
 Operator : JC/MD
 Sample : P3224-13
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 400STEVEN-4

Quant Time: Jul 16 05:39:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

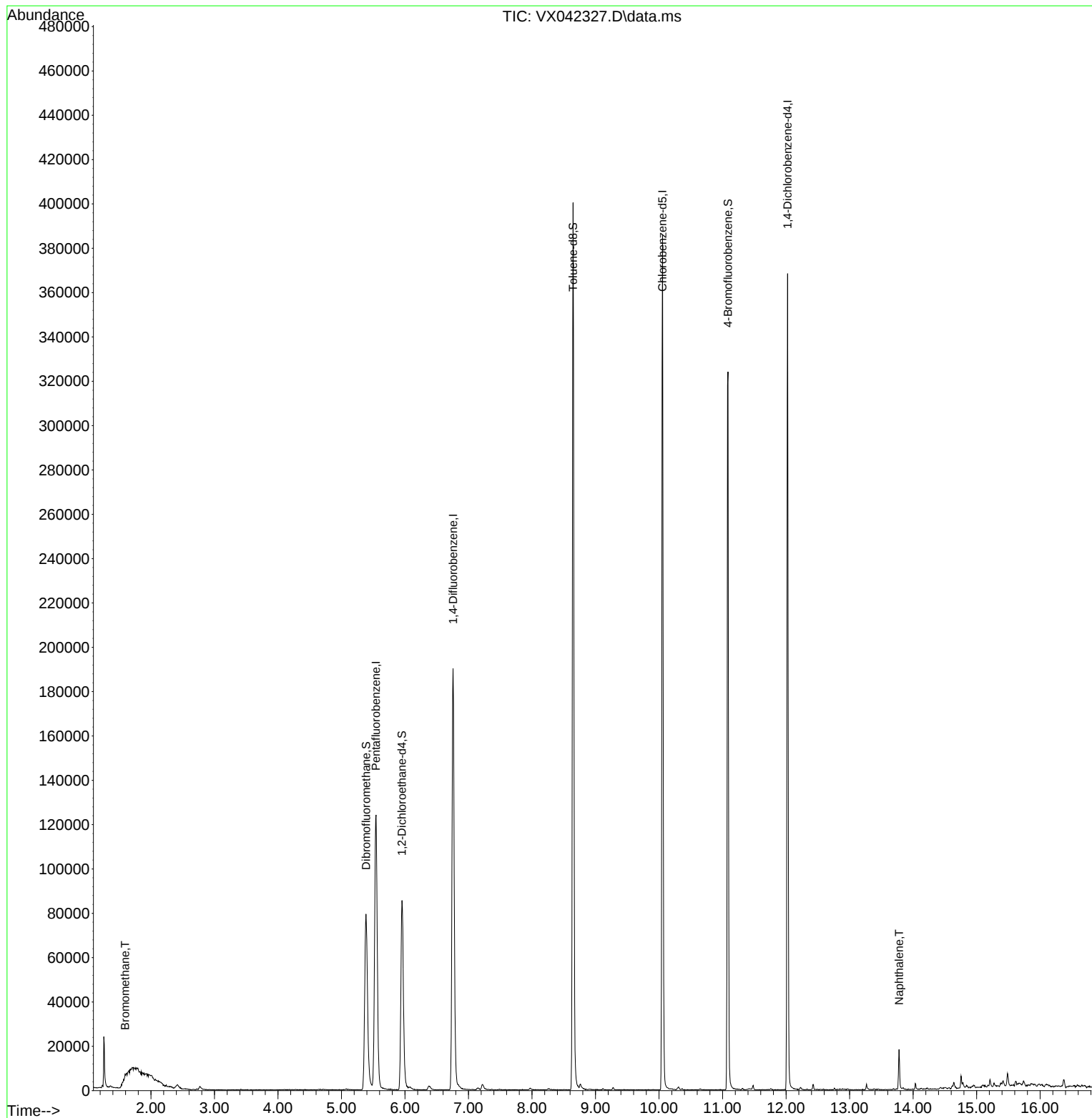
Internal Standards						
1) Pentafluorobenzene	5.544	168	142064	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	219829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85205	52.012	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.020%
35) Dibromofluoromethane	5.385	113	77624	49.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.540%
50) Toluene-d8	8.647	98	251858	45.962	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.920%#
62) 4-Bromofluorobenzene	11.085	95	89680	44.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.800%
Target Compounds						
						Qvalue
5) Bromomethane	1.593	94	716	1.065	ug/l	93
95) Naphthalene	13.780	128	12592	2.694	ug/l	99

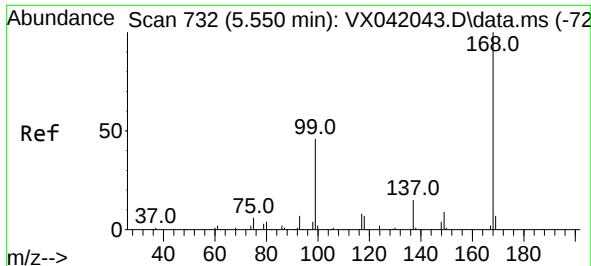
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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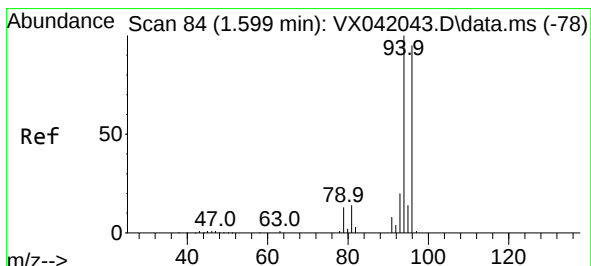
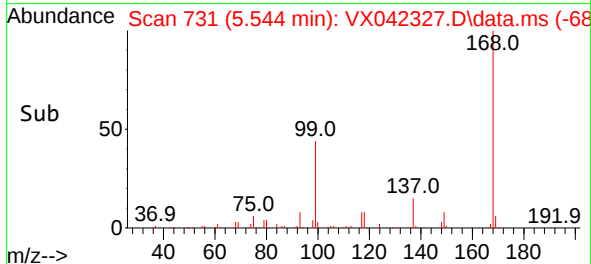
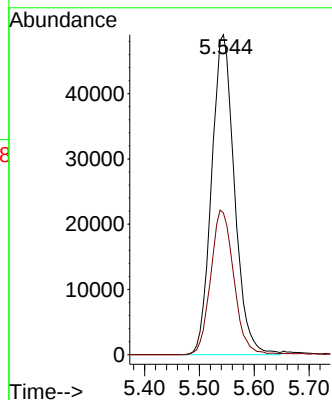
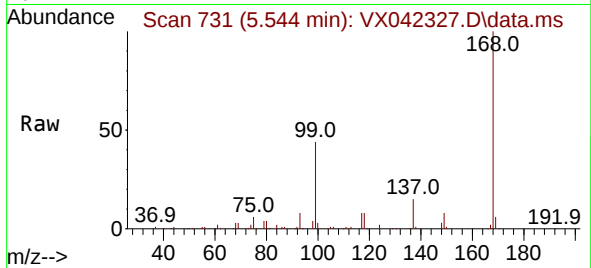




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042327.D
Acq: 15 Jul 2024 15:32

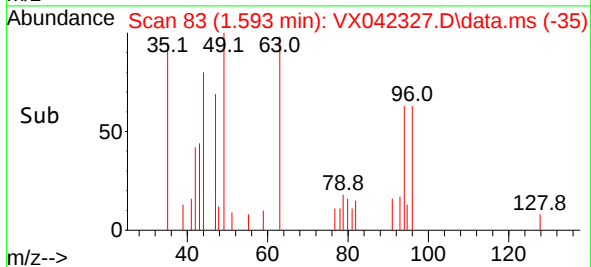
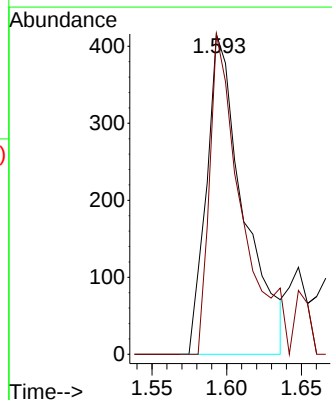
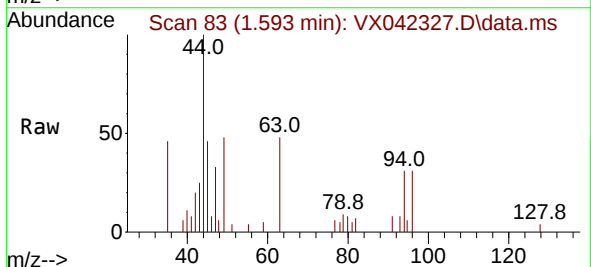
Instrument :
MSVOA_X
ClientSampleId :
400STEVEN-4

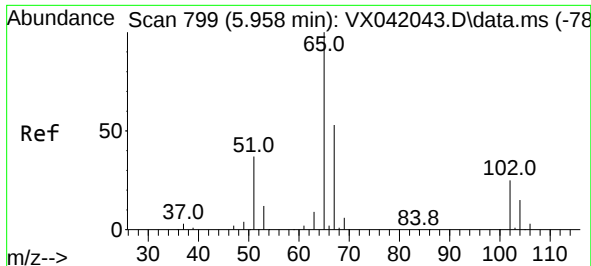
Tgt Ion:168 Resp: 142064
Ion Ratio Lower Upper
168 100
99 44.3 56.6 85.0#



#5
Bromomethane
Concen: 1.065 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX042327.D
Acq: 15 Jul 2024 15:32

Tgt Ion: 94 Resp: 716
Ion Ratio Lower Upper
94 100
96 100.0 74.6 111.8





#33

1,2-Dichloroethane-d4

Concen: 52.012 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042327.D

Acq: 15 Jul 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

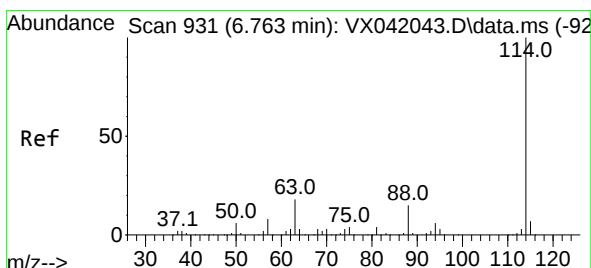
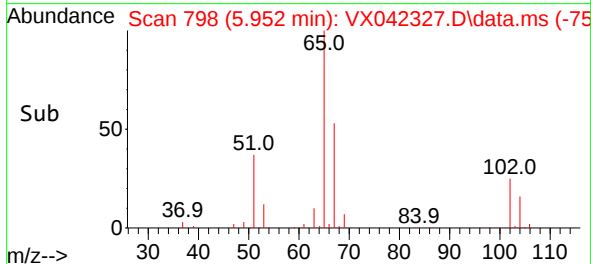
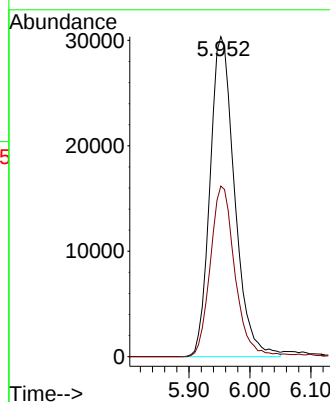
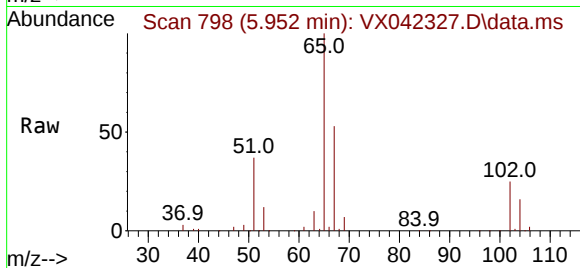
400STEVEN-4

Tgt Ion: 65 Resp: 85205

Ion Ratio Lower Upper

65 100

67 53.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042327.D

Acq: 15 Jul 2024 15:32

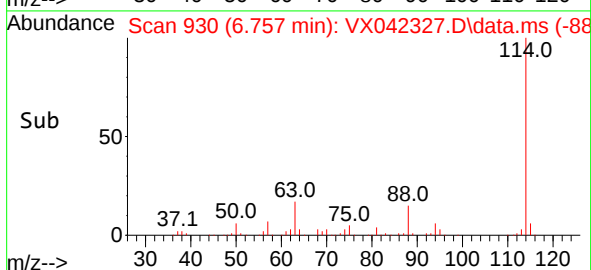
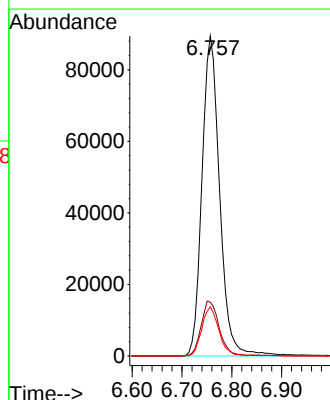
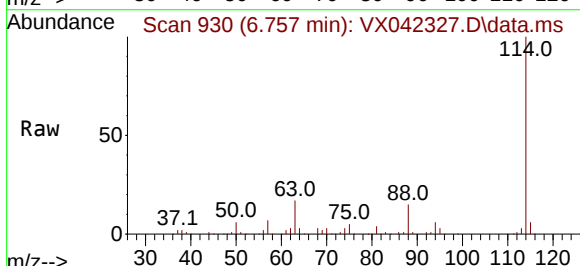
Tgt Ion: 114 Resp: 219829

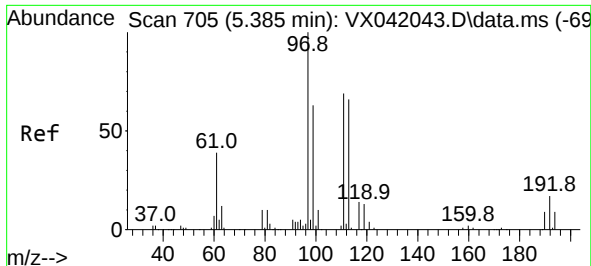
Ion Ratio Lower Upper

114 100

63 16.8 0.0 45.0

88 15.3 0.0 36.6

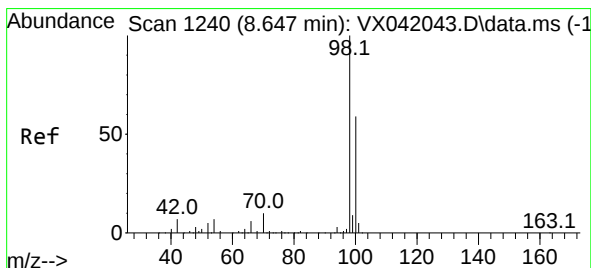
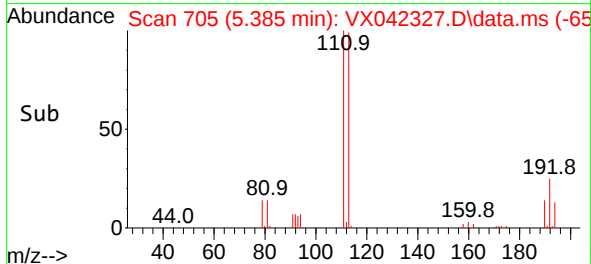
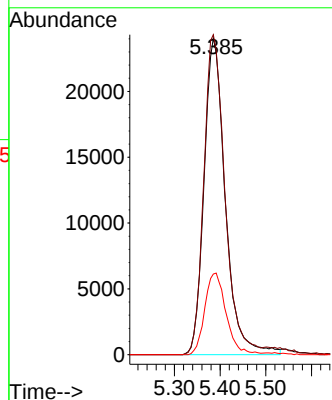
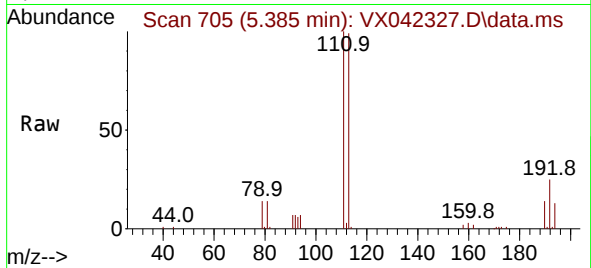




#35
 Dibromofluoromethane
 Concen: 49.765 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX042327.D
 Acq: 15 Jul 2024 15:32

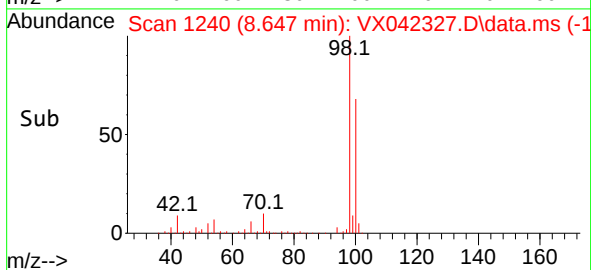
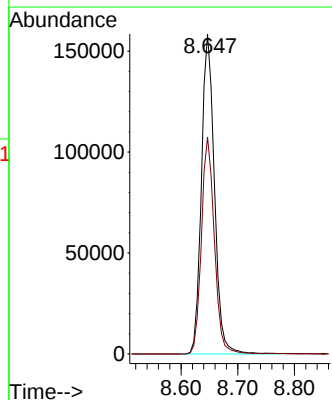
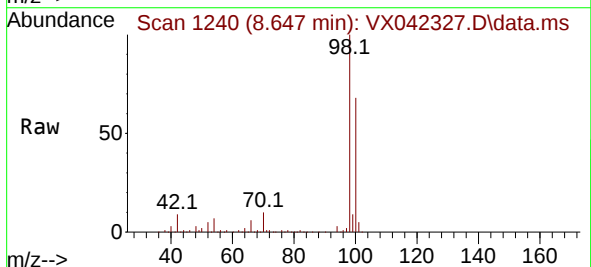
Instrument :
 MSVOA_X
 ClientSampleId :
 400STEVEN-4

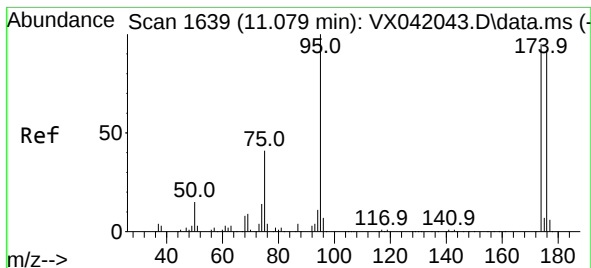
Tgt Ion:113 Resp: 77624
 Ion Ratio Lower Upper
 113 100
 111 100.5 82.9 124.3
 192 25.8 13.3 19.9#



#50
 Toluene-d8
 Concen: 45.962 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX042327.D
 Acq: 15 Jul 2024 15:32

Tgt Ion: 98 Resp: 251858
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.1 79.7

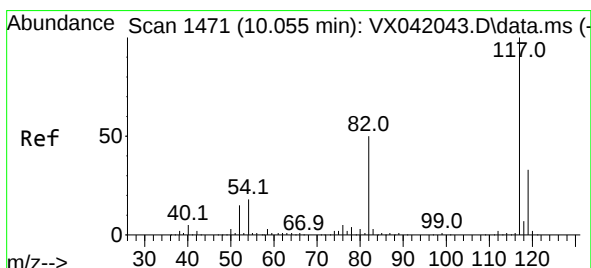
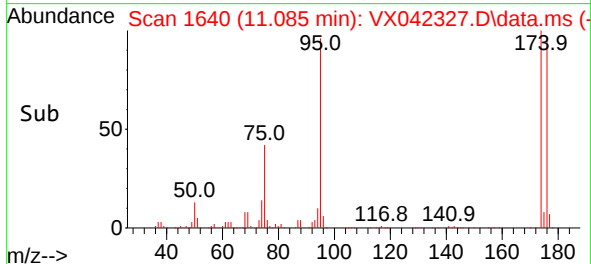
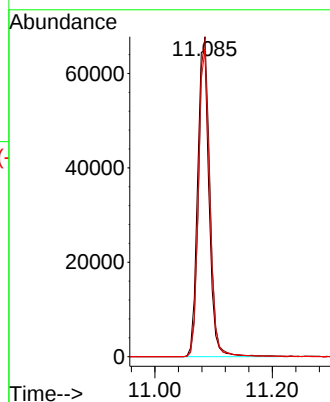
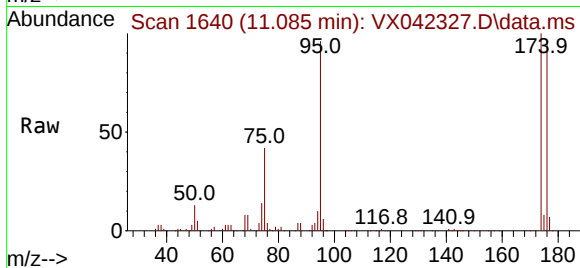




#62
4-Bromofluorobenzene
Concen: 44.397 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX042327.D
Acq: 15 Jul 2024 15:32

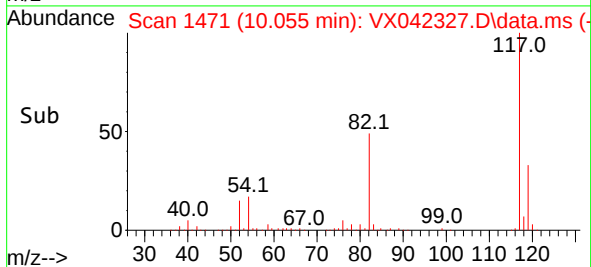
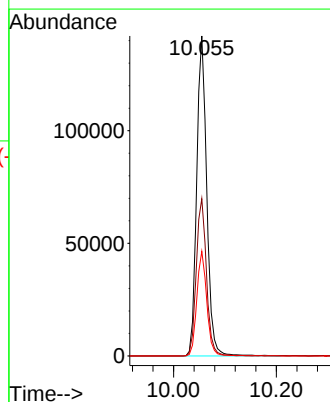
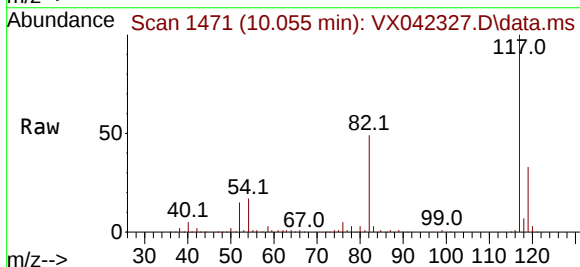
Instrument :
MSVOA_X
ClientSampleId :
400STEVEN-4

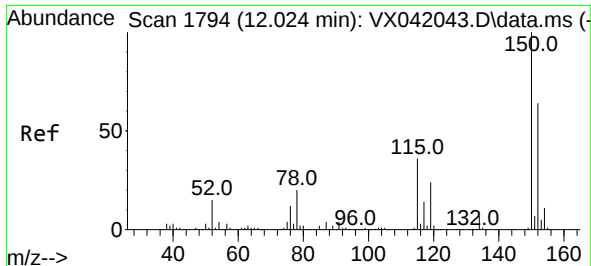
Tgt Ion: 95 Resp: 89680
Ion Ratio Lower Upper
95 100
174 101.0 0.0 135.6
176 97.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042327.D
Acq: 15 Jul 2024 15:32

Tgt Ion: 117 Resp: 193675
Ion Ratio Lower Upper
117 100
82 49.2 46.2 69.4
119 32.7 25.5 38.3

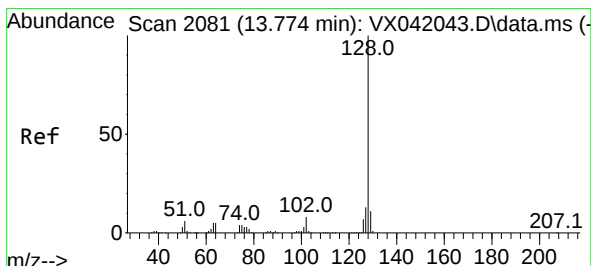
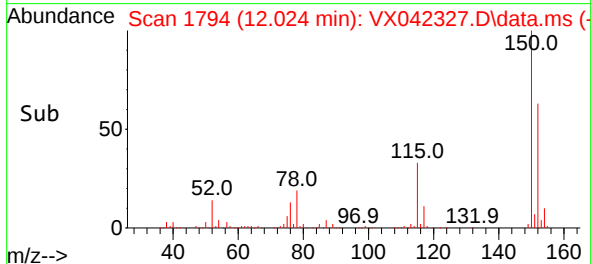
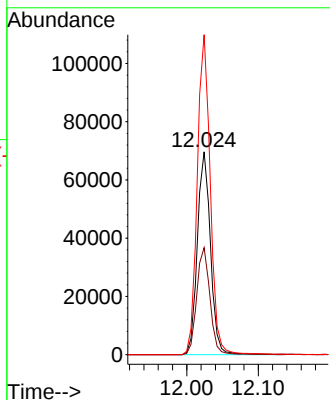
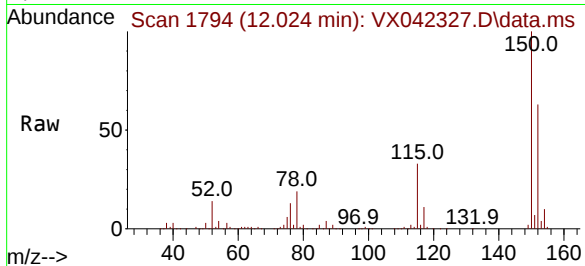




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042327.D
Acq: 15 Jul 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :
400STEVEN-4

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.0	43.3	129.9
150	155.9	0.0	345.0



#95
Naphthalene
Concen: 2.694 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042327.D
Acq: 15 Jul 2024 15:32

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	11.7	8.8	13.2

