

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040426.D
 Acq On : 23 Feb 2024 13:05
 Operator : JC/MD
 Sample : P1539-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20241103-AMENDED-COMPOSITE-35N-N-4-02RE

Quant Time: Feb 23 22:17:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

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

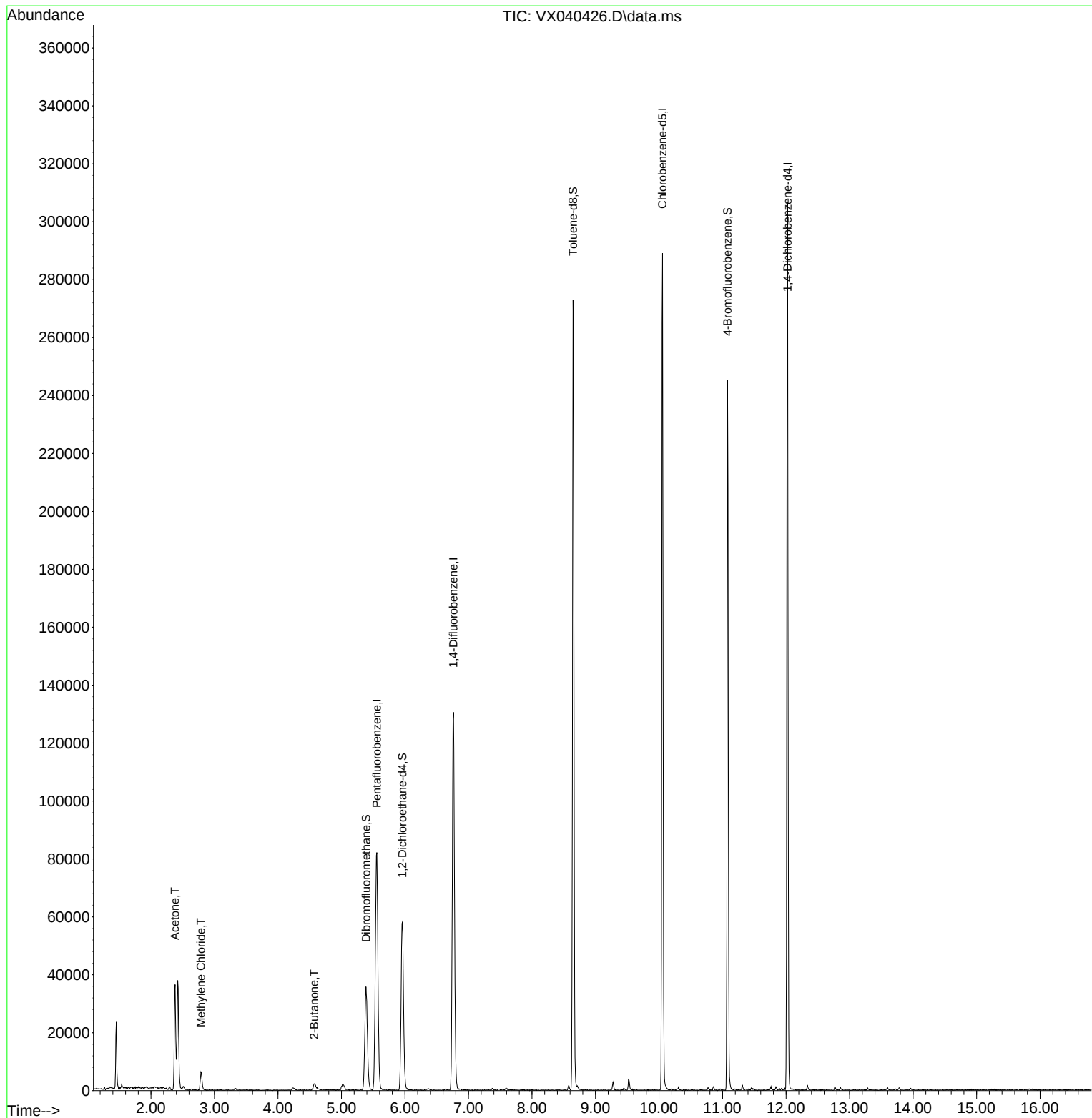
Internal Standards						
1) Pentafluorobenzene	5.556	168	72918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128216	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59110	49.776	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.560%
35) Dibromofluoromethane	5.385	113	29555	34.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	68.420%#
50) Toluene-d8	8.646	98	157934	50.605	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.200%
62) 4-Bromofluorobenzene	11.079	95	61763	49.387	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.780%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	38156	77.113	ug/l	93
20) Methylene Chloride	2.788	84	2758	2.662	ug/l	87
25) 2-Butanone	4.568	43	3938	5.105	ug/l #	85

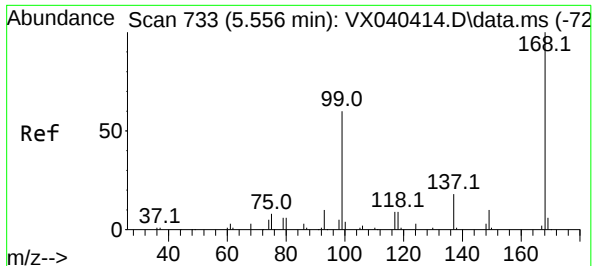
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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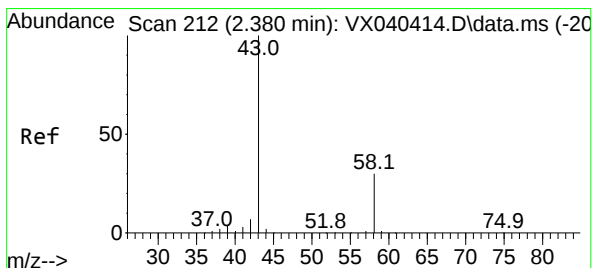
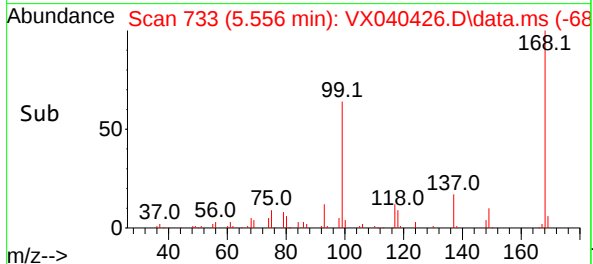
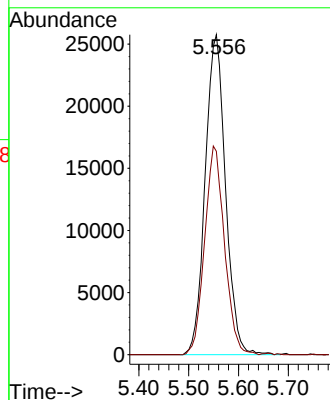
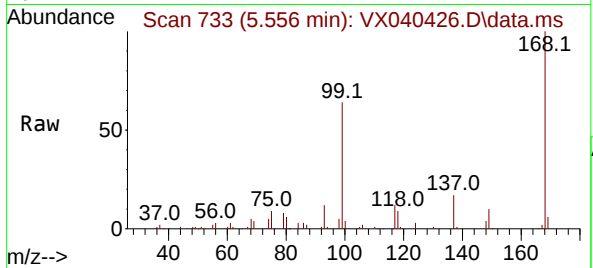




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040426.D
Acq: 23 Feb 2024 13:05

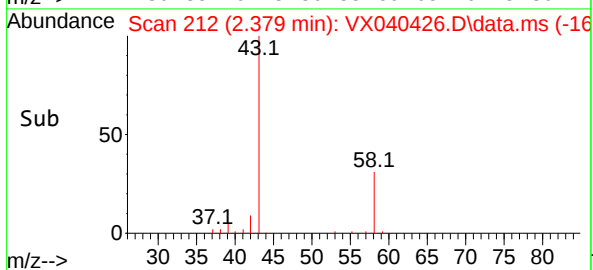
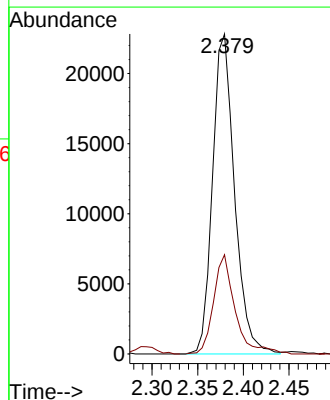
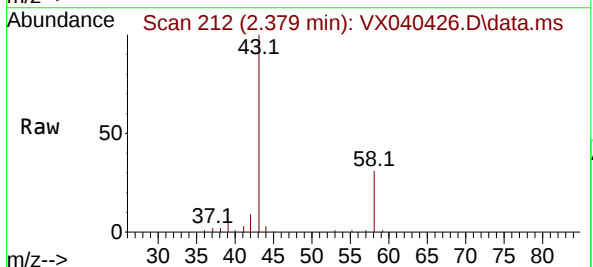
Instrument : MSVOA_X
ClientSampleId : 20241103-AMENDED-COMPOSITE-35N-N-4-02RE

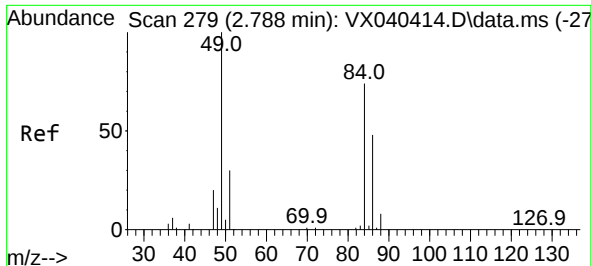
Tgt Ion:168 Resp: 72918
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#16
Acetone
Concen: 77.113 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040426.D
Acq: 23 Feb 2024 13:05

Tgt Ion: 43 Resp: 38156
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9

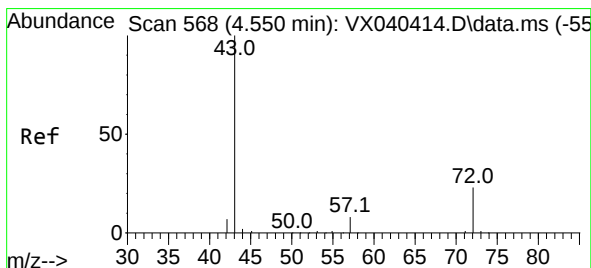
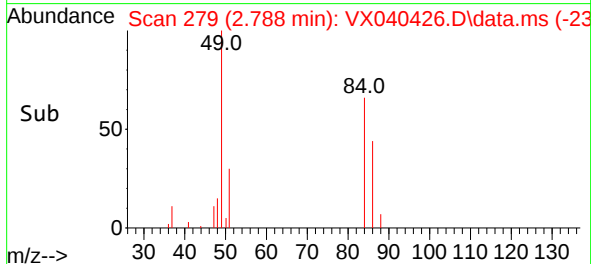
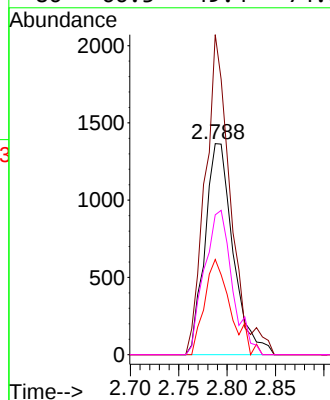
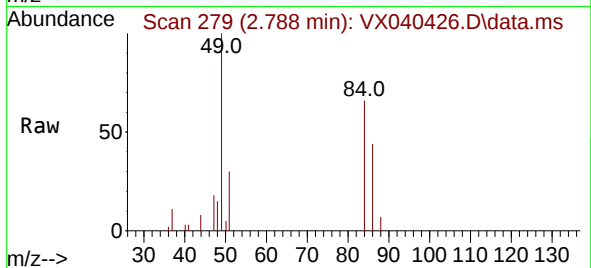




#20
Methylene Chloride
Concen: 2.662 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040426.D
Acq: 23 Feb 2024 13:05

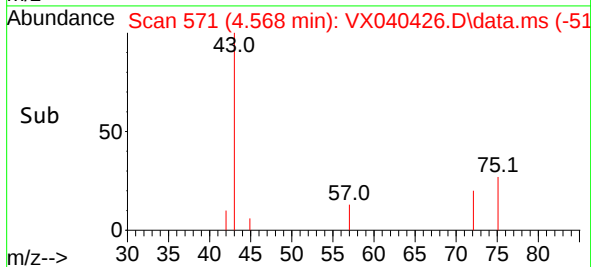
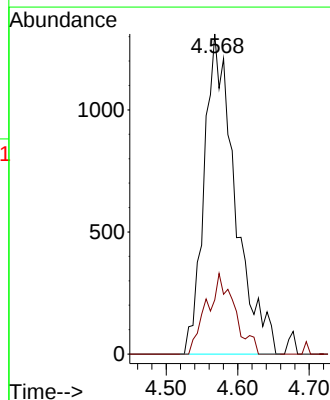
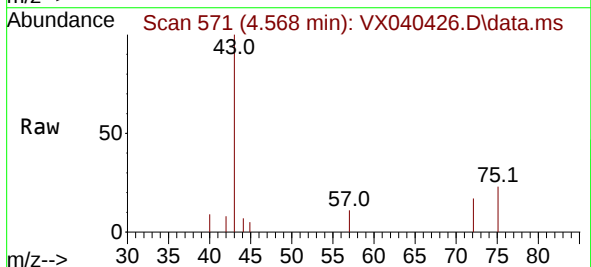
Instrument :
MSVOA_X
ClientSampleId :
20241103-AMENDED-COMPOSITE-35N-N-4-02RE

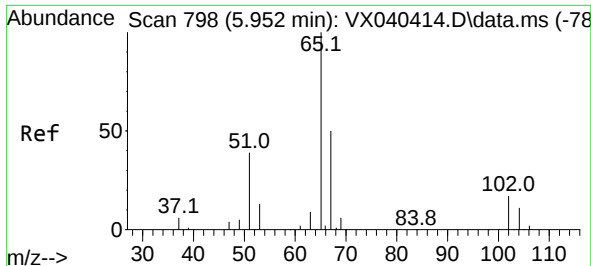
Tgt Ion:	84	Resp:	2758
Ion	Ratio	Lower	Upper
84	100		
49	151.6	103.6	155.4
51	45.1	33.8	50.6
86	66.3	49.4	74.0



#25
2-Butanone
Concen: 5.105 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX040426.D
Acq: 23 Feb 2024 13:05

Tgt Ion:	43	Resp:	3938
Ion	Ratio	Lower	Upper
43	100		
72	16.9	19.4	29.2#





#33

1,2-Dichloroethane-d4

Concen: 49.776 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040426.D

Acq: 23 Feb 2024 13:05

Instrument :

MSVOA_X

ClientSampleId :

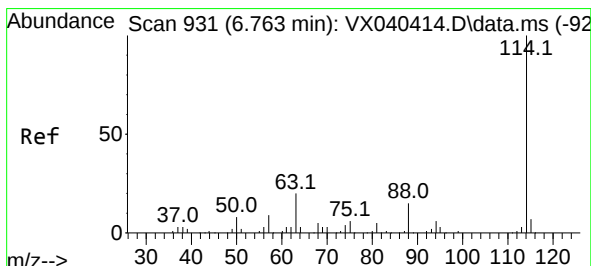
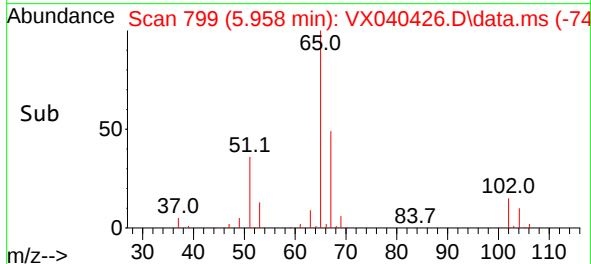
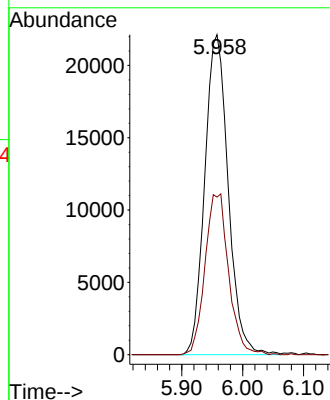
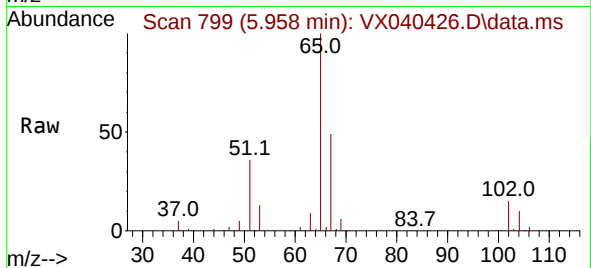
20241103-AMENDED-COMPOSITE-35N-N-4-02RE

Tgt Ion: 65 Resp: 59110

Ion Ratio Lower Upper

65 100

67 50.7 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: VX040426.D

Acq: 23 Feb 2024 13:05

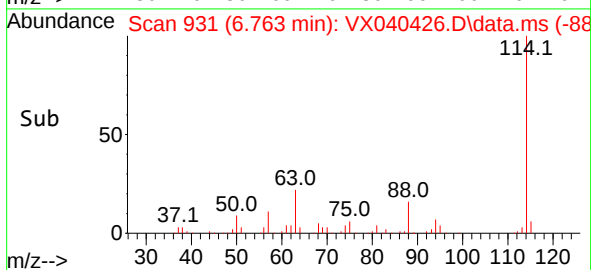
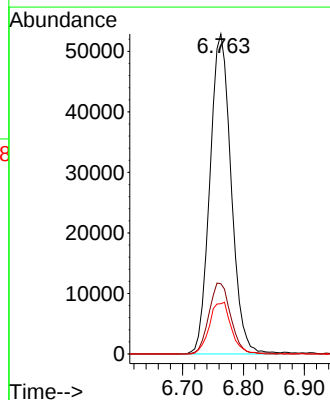
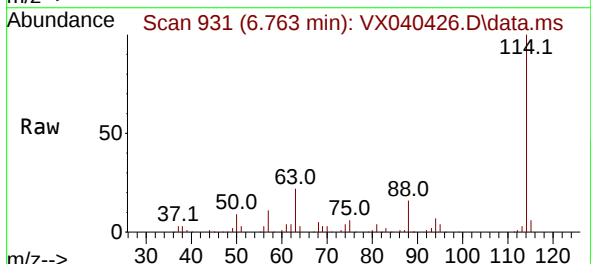
Tgt Ion: 114 Resp: 128216

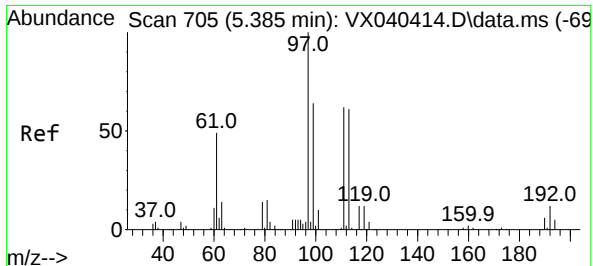
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 15.7 0.0 36.6

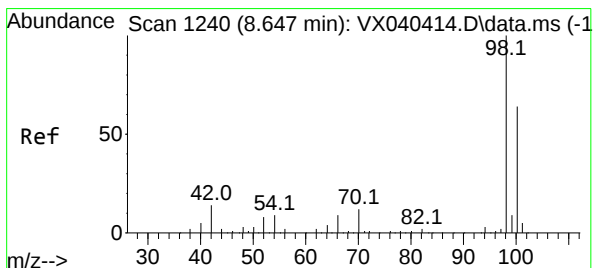
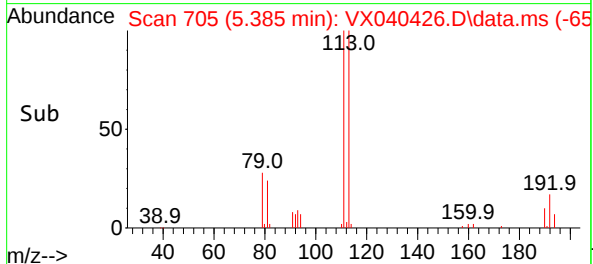
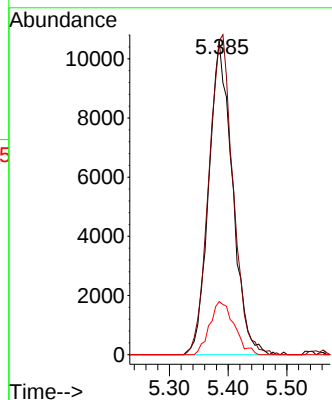
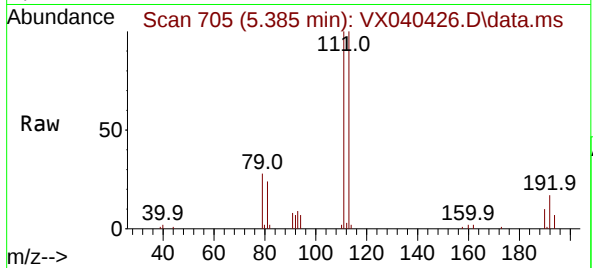




#35
Dibromofluoromethane
Concen: 34.207 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040426.D
Acq: 23 Feb 2024 13:05

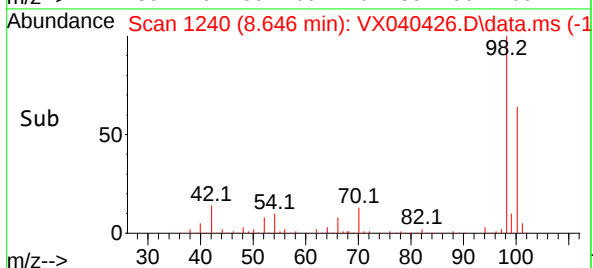
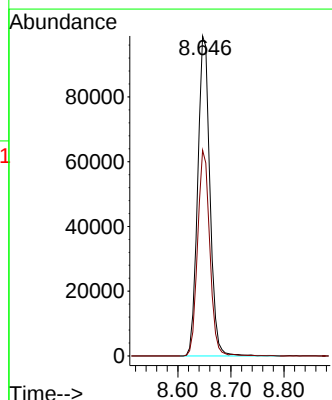
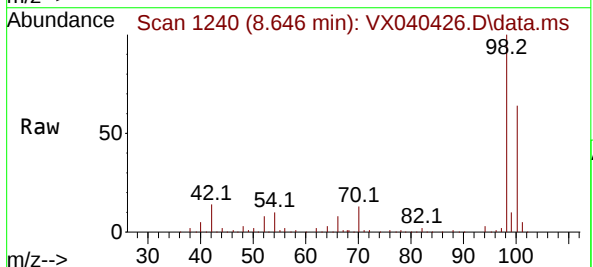
Instrument : MSVOA_X
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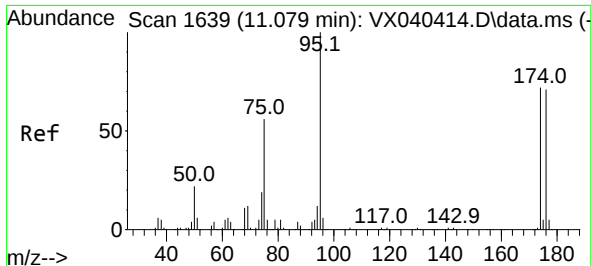
Tgt Ion:113 Resp: 29555
Ion Ratio Lower Upper
113 100
111 104.8 82.9 124.3
192 17.5 13.3 19.9



#50
Toluene-d8
Concen: 50.605 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040426.D
Acq: 23 Feb 2024 13:05

Tgt Ion: 98 Resp: 157934
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

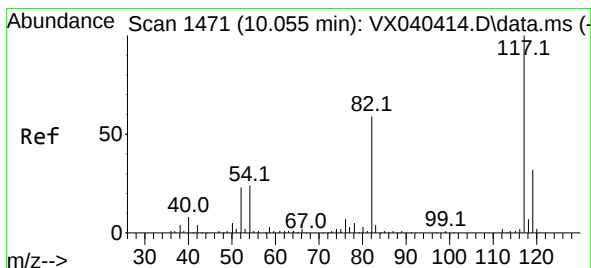
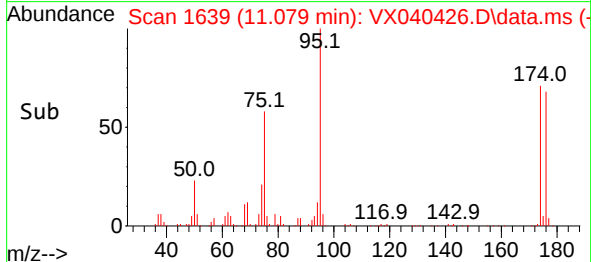
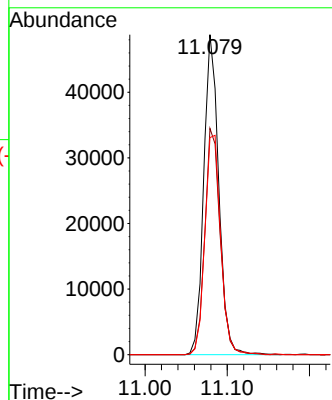
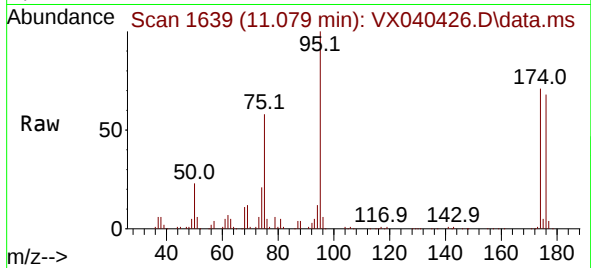




#62
4-Bromofluorobenzene
Concen: 49.387 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040426.D
Acq: 23 Feb 2024 13:05

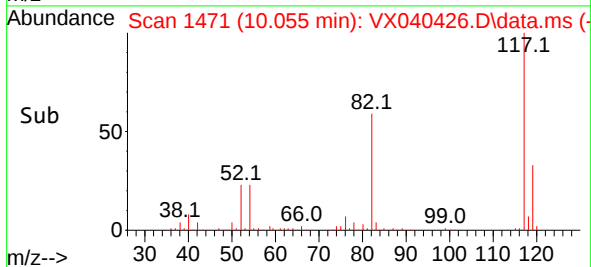
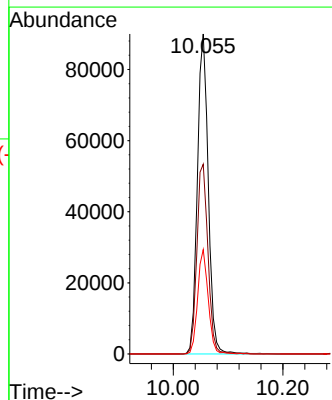
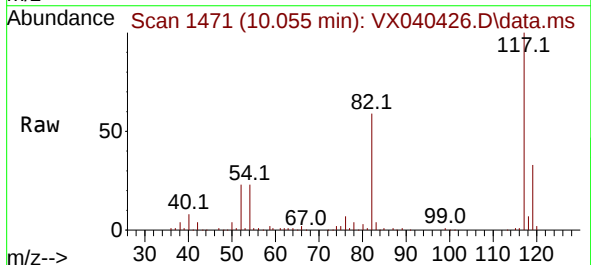
Instrument : MSVOA_X
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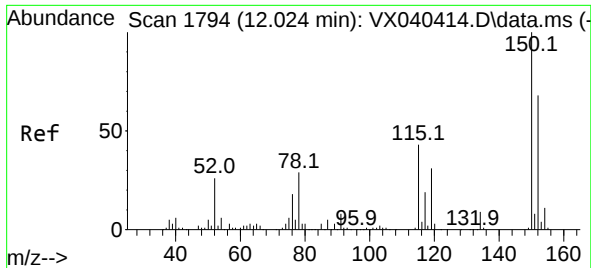
Tgt Ion: 95 Resp: 61763
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 72.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040426.D
Acq: 23 Feb 2024 13:05

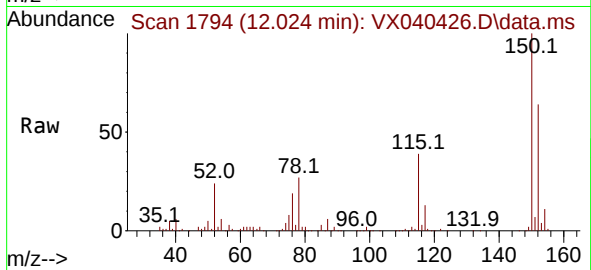
Tgt Ion: 117 Resp: 124447
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 32.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040426.D
 Acq: 23 Feb 2024 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 20241103-AMENDED-COMPOSITE-35N-N-4-02RE



Tgt Ion:152 Resp: 60610
 Ion Ratio Lower Upper
 152 100
 115 63.3 43.3 129.9
 150 158.8 0.0 345.0

