

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045969.D
 Acq On : 28 Apr 2025 20:05
 Operator : JC/MD
 Sample : Q1896-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 295-BERGEN-FRAC

Quant Time: Apr 29 01:37:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

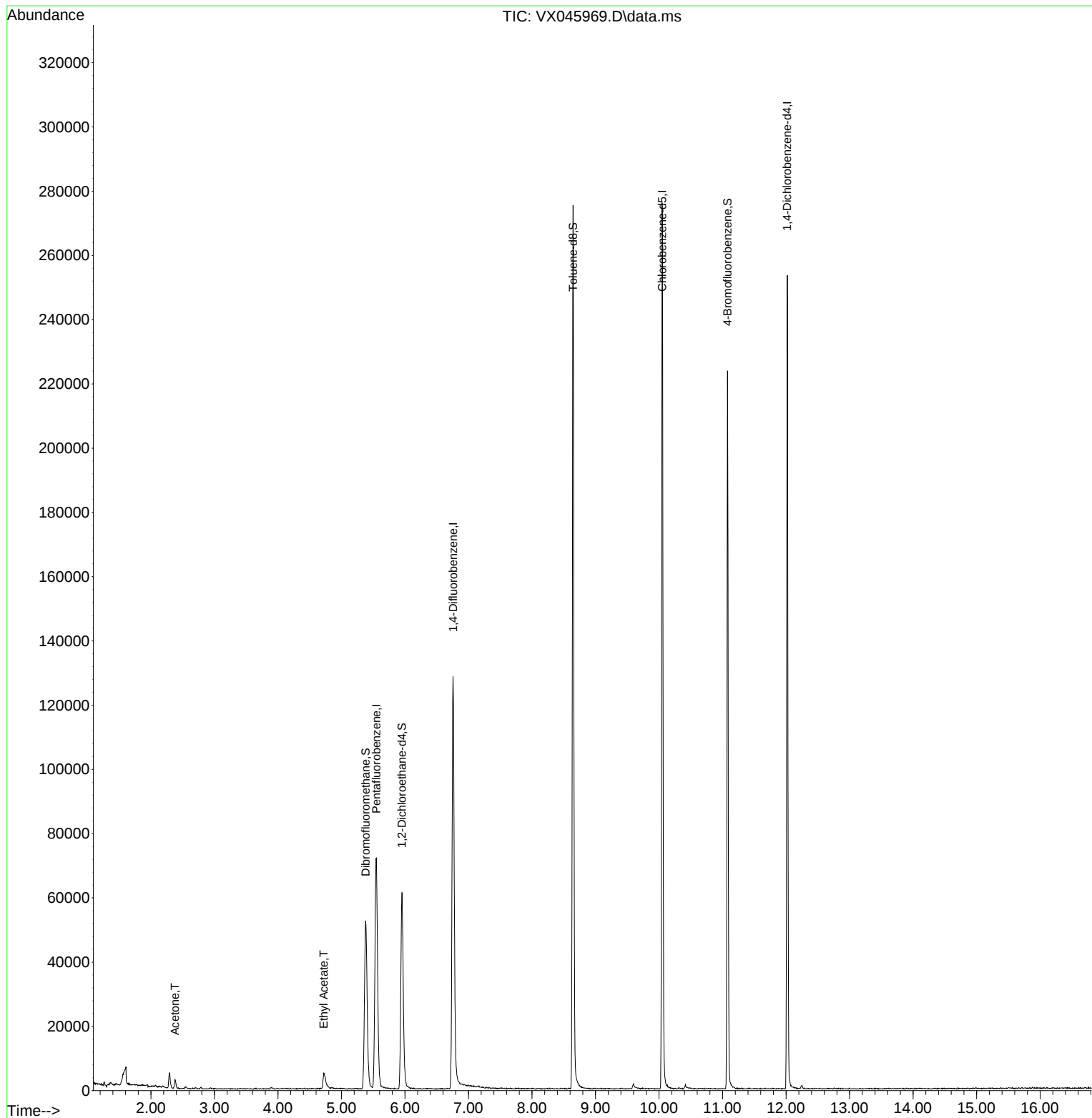
Internal Standards						
1) Pentafluorobenzene	5.550	168	61486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63098	56.116	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.240%
35) Dibromofluoromethane	5.379	113	45104	51.160	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.320%
50) Toluene-d8	8.647	98	156849	50.971	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.940%
62) 4-Bromofluorobenzene	11.079	95	56938	50.798	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.600%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	2926	6.337	ug/l #	88
37) Ethyl Acetate	4.721	43	10190	6.793	ug/l	97

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

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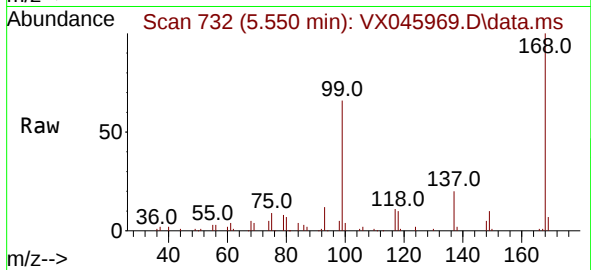
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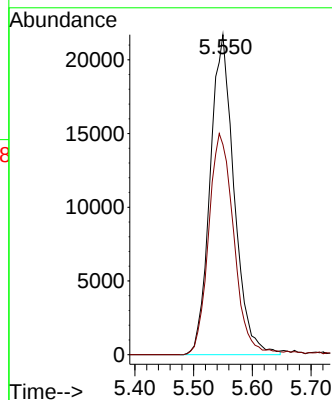
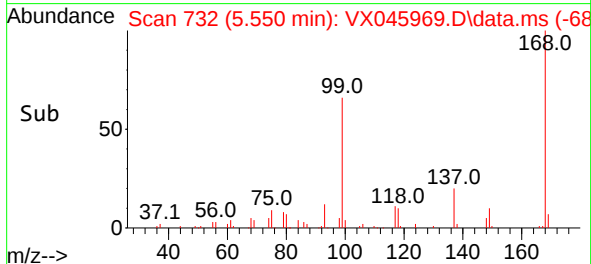


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

Instrument :
MSVOA_X
ClientSampleId :
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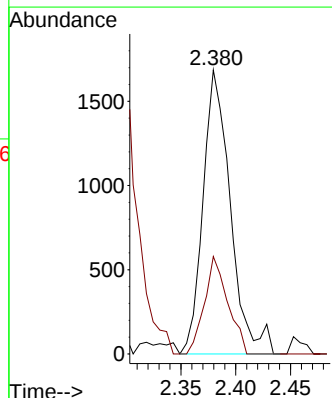
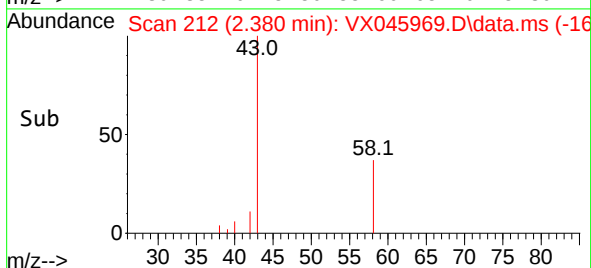
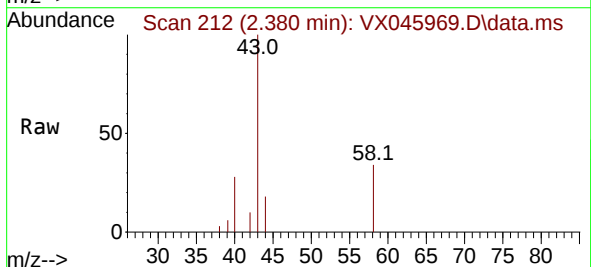


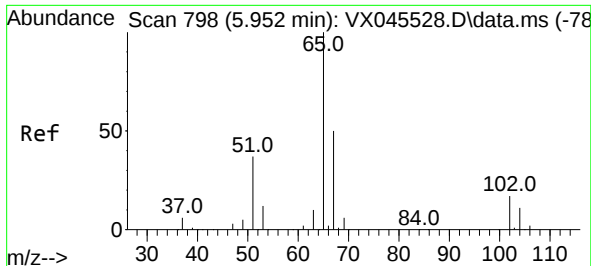
Tgt Ion:168 Resp: 61486
Ion Ratio Lower Upper
168 100
99 65.7 52.3 78.5



#16
Acetone
Concen: 6.337 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

Tgt Ion: 43 Resp: 2926
Ion Ratio Lower Upper
43 100
58 34.3 22.3 33.5#





#33

1,2-Dichloroethane-d4

Concen: 56.116 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045969.D

Acq: 28 Apr 2025 20:05

Instrument :

MSVOA_X

ClientSampleId :

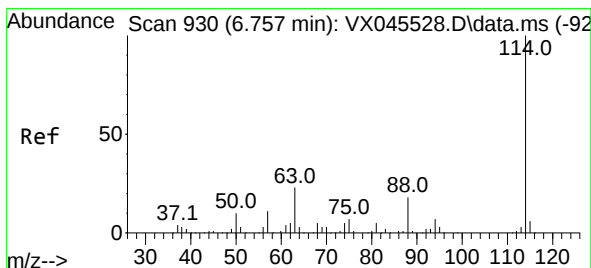
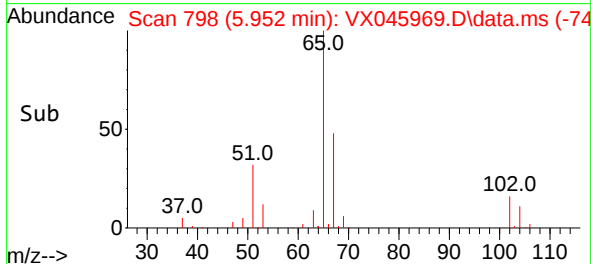
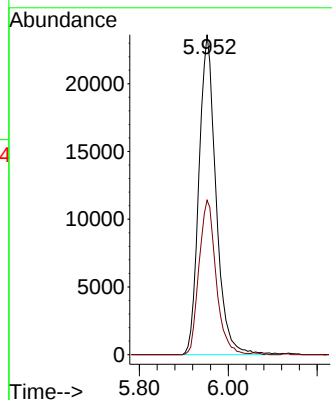
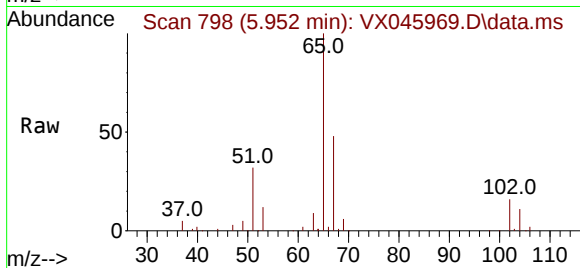
295-BERGEN-FRAC

Tgt Ion: 65 Resp: 63098

Ion Ratio Lower Upper

65 100

67 48.4 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045969.D

Acq: 28 Apr 2025 20:05

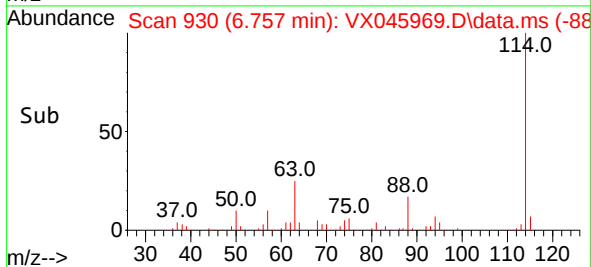
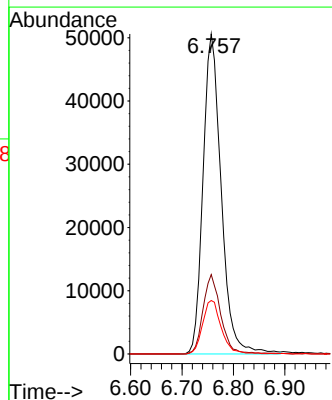
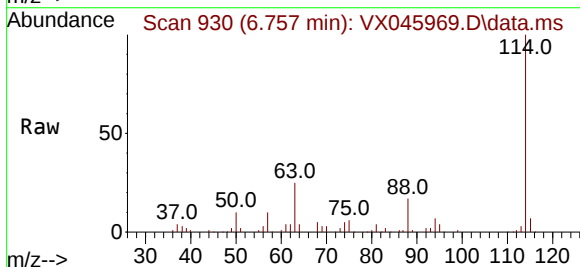
Tgt Ion: 114 Resp: 124260

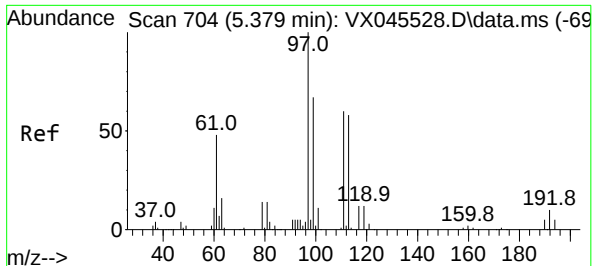
Ion Ratio Lower Upper

114 100

63 24.8 0.0 46.8

88 16.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.160 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045969.D

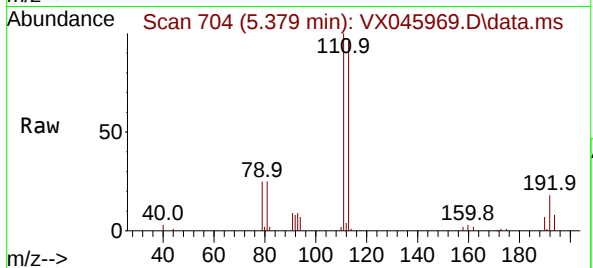
Acq: 28 Apr 2025 20:05

Instrument :

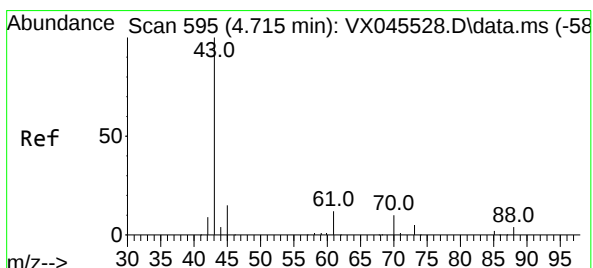
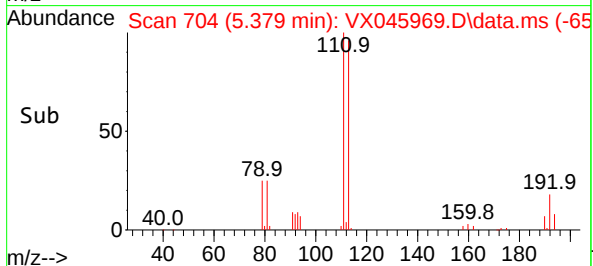
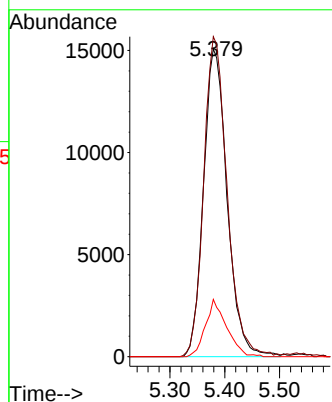
MSVOA_X

ClientSampleId :

295-BERGEN-FRAC



Tgt Ion:	113	Resp:	45104
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	16.7	13.8	20.6



#37

Ethyl Acetate

Concen: 6.793 ug/l

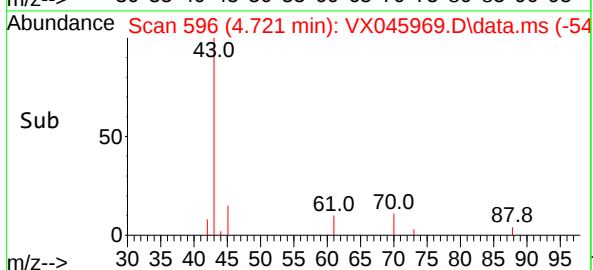
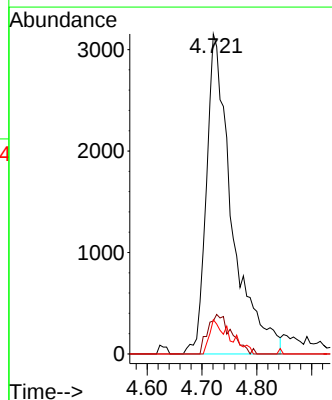
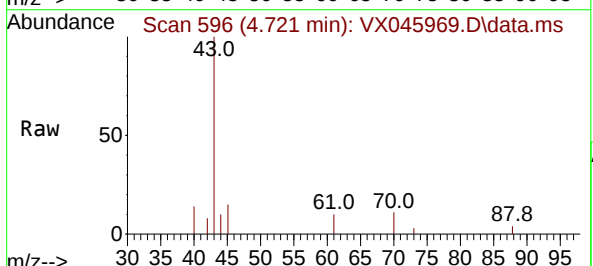
RT: 4.721 min Scan# 596

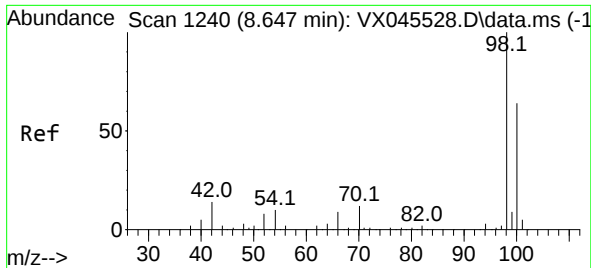
Delta R.T. 0.006 min

Lab File: VX045969.D

Acq: 28 Apr 2025 20:05

Tgt Ion:	43	Resp:	10190
Ion	Ratio	Lower	Upper
43	100		
61	11.3	9.9	14.9
70	8.5	7.5	11.3

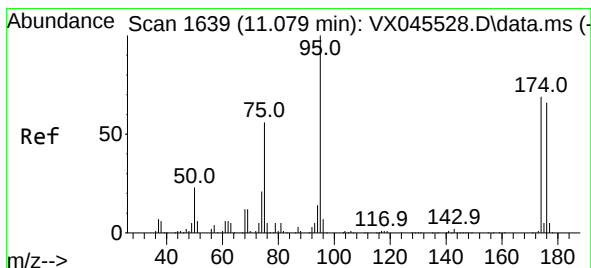
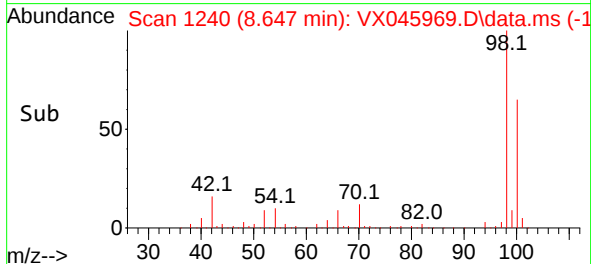
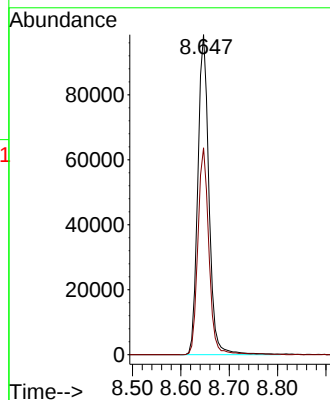
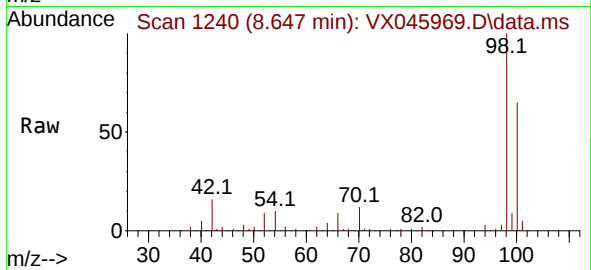




#50
Toluene-d8
Concen: 50.971 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

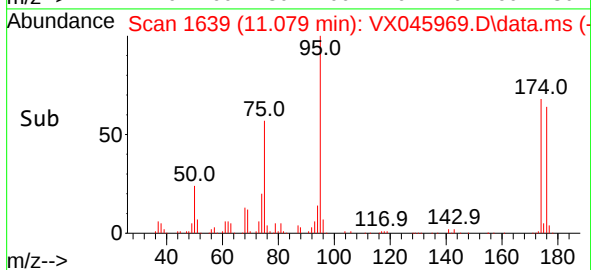
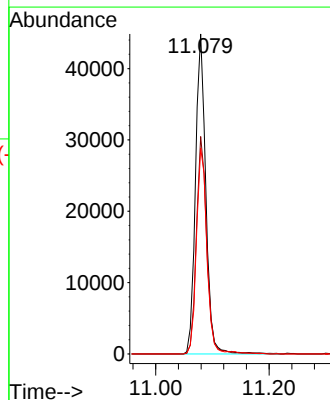
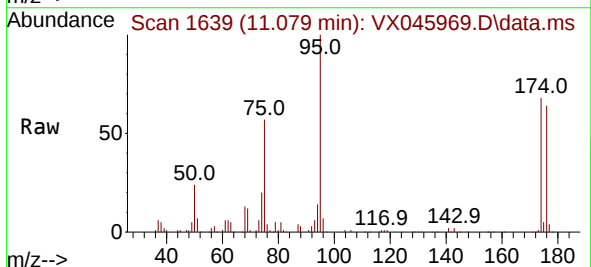
Instrument :
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295-BERGEN-FRAC

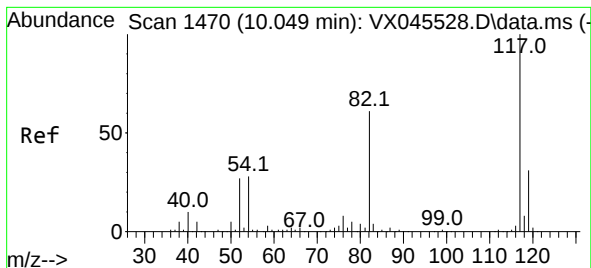
Tgt Ion: 98 Resp: 156849
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045969.D
Acq: 28 Apr 2025 20:05

Tgt Ion: 95 Resp: 56938
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 65.2 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045969.D

Acq: 28 Apr 2025 20:05

Instrument :

MSVOA_X

ClientSampleId :

295-BERGEN-FRAC

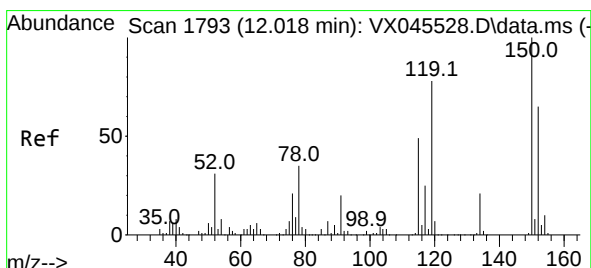
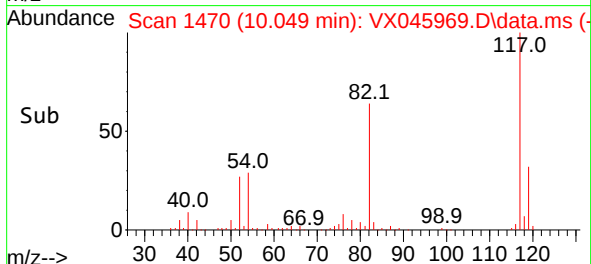
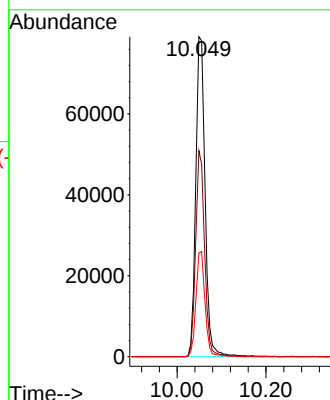
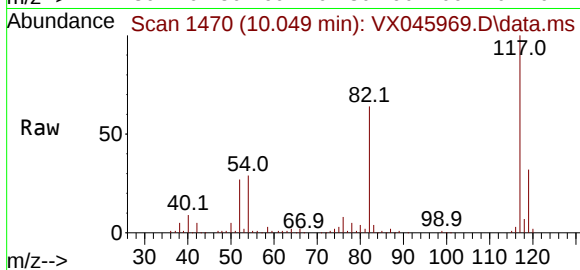
Tgt Ion:117 Resp: 115043

Ion Ratio Lower Upper

117 100

82 64.3 49.2 73.8

119 32.5 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045969.D

Acq: 28 Apr 2025 20:05

Tgt Ion:152 Resp: 46569

Ion Ratio Lower Upper

152 100

115 66.1 46.9 140.7

150 157.7 0.0 349.4

