

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044489.D
 Acq On : 23 Dec 2024 18:40
 Operator : JC/MD
 Sample : P5317-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-06-20241217

Quant Time: Dec 23 22:15:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

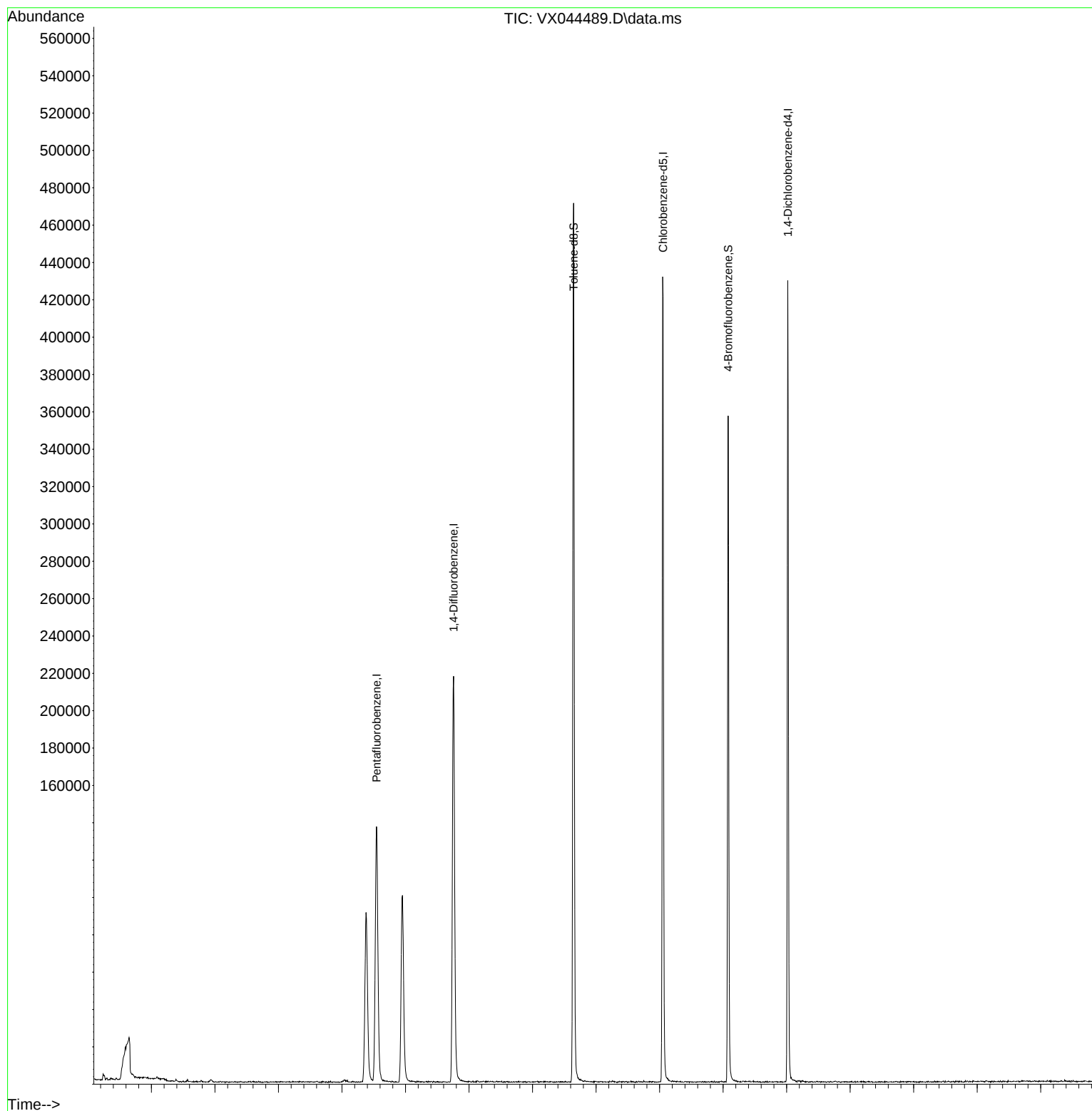
Internal Standards						
1) Pentafluorobenzene	5.544	168	128956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100266	44.345	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.700%		
35) Dibromofluoromethane	5.379	113	78804	50.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.440%		
50) Toluene-d8	8.647	98	287703	54.350	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.700%		
62) 4-Bromofluorobenzene	11.079	95	92913	50.232	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.460%		
Target Compounds						
16) Acetone	2.386	43	823	0.893	ug/l	91
29) Tetrahydrofuran	5.032	42	749	0.890	ug/l #	79

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

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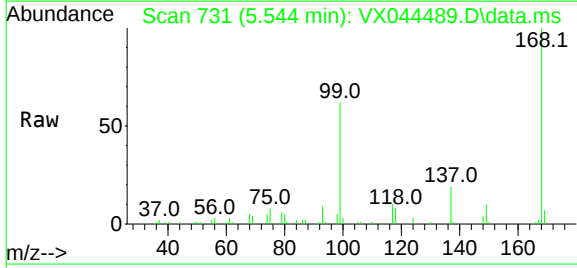
Quant Time: Dec 23 22:15:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
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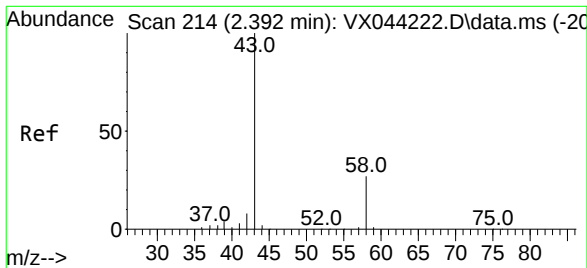
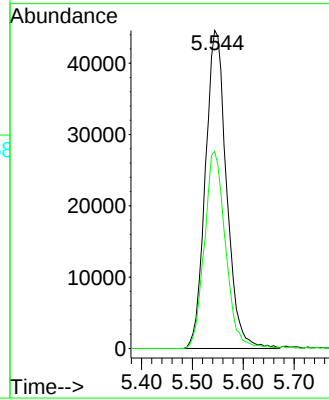
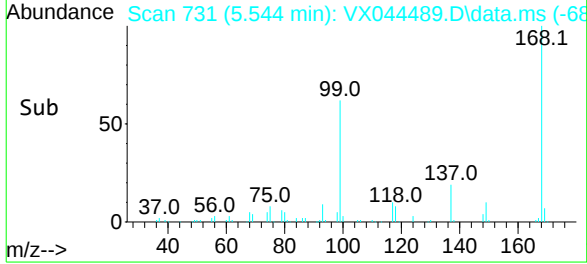


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

Instrument :
MSVOA_X
ClientSampleId :
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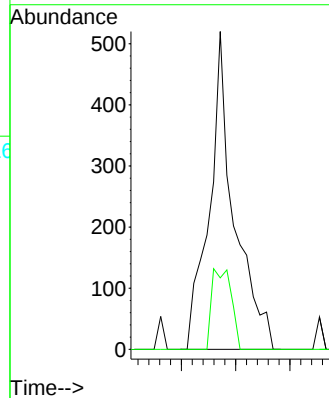
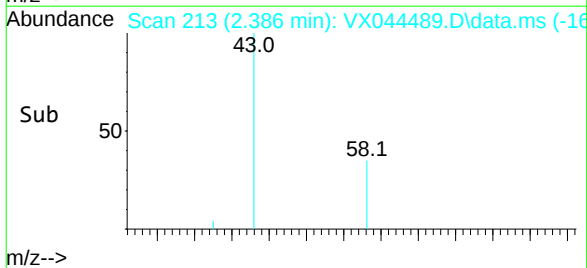
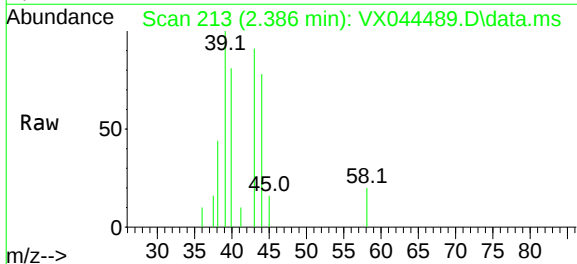


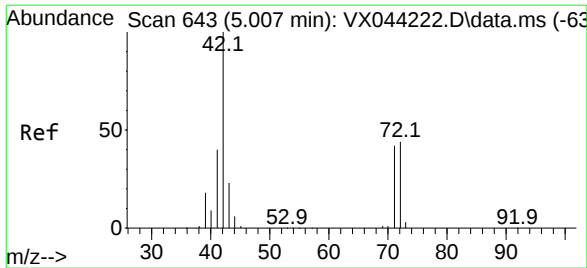
Tgt Ion: 168 Resp: 128956
Ion Ratio Lower Upper
168 100
99 62.0 53.4 80.0



#16
Acetone
Concen: 0.893 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 22.5 21.6 32.4





#29

Tetrahydrofuran

Concen: 0.890 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX044489.D

Acq: 23 Dec 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

DUP-06-20241217

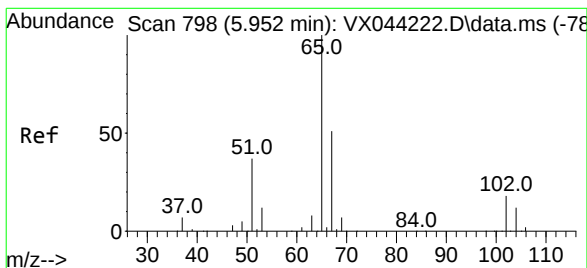
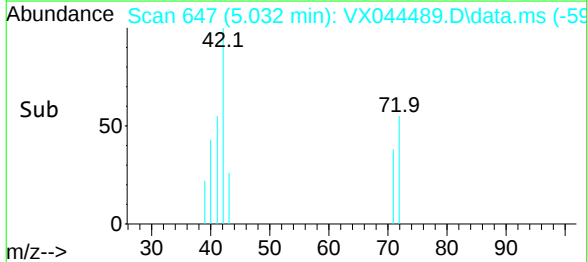
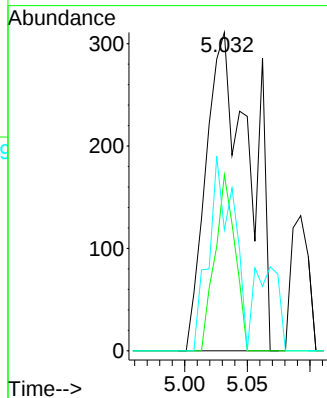
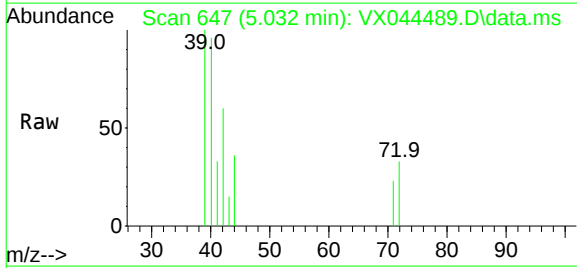
Tgt Ion: 42 Resp: 749

Ion Ratio Lower Upper

42 100

72 25.6 37.0 55.6#

71 35.4 33.6 50.4



#33

1,2-Dichloroethane-d4

Concen: 44.345 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044489.D

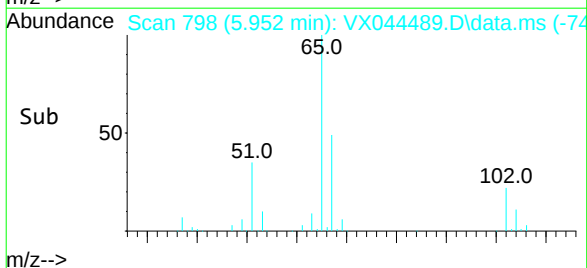
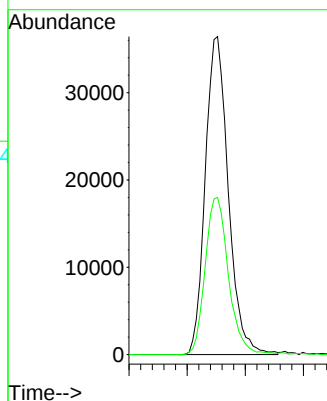
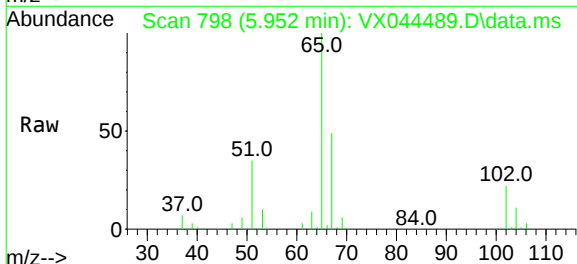
Acq: 23 Dec 2024 18:40

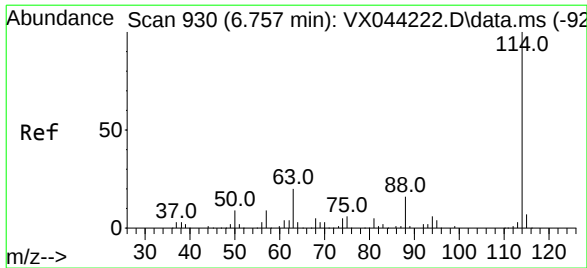
Tgt Ion: 65 Resp: 100266

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.6

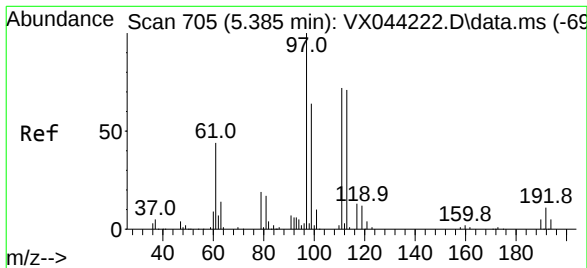
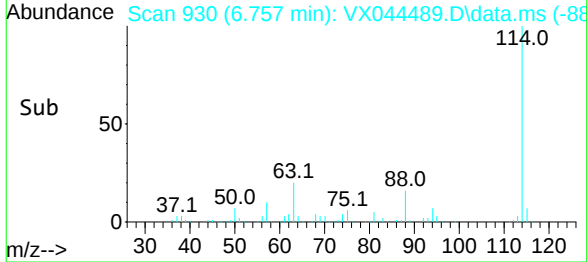
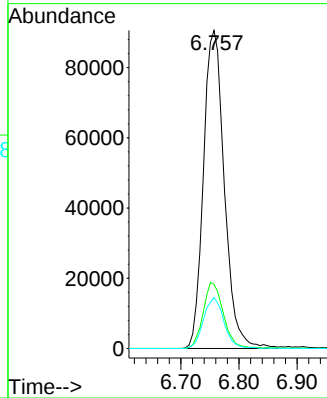
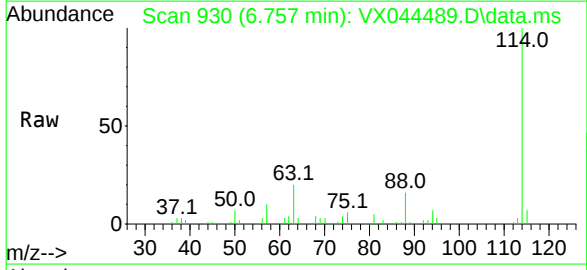




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.000 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

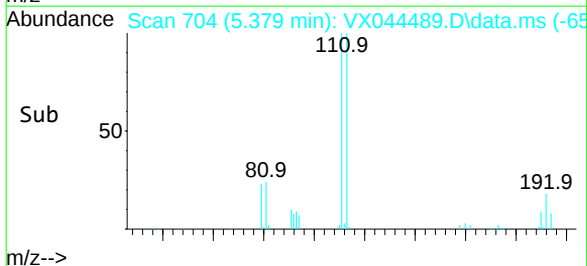
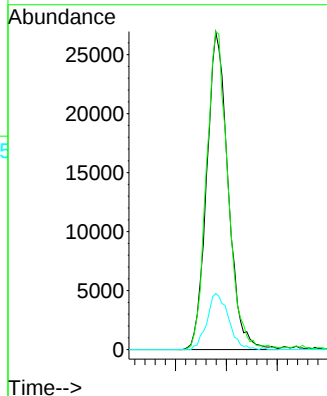
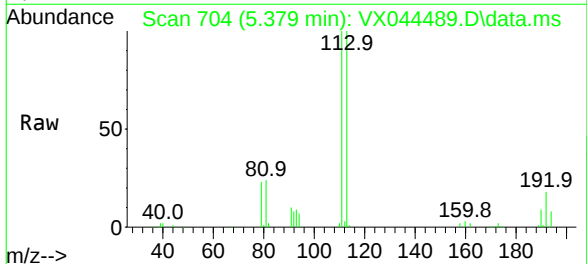
Instrument :
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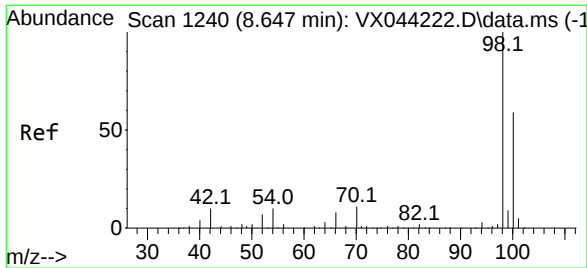
Tgt Ion:	114	Resp:	226548
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.6
88	16.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 50.224 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044489.D
Acq: 23 Dec 2024 18:40

Tgt Ion:	113	Resp:	78804
Ion	Ratio	Lower	Upper
113	100		
111	100.8	80.4	120.6
192	17.8	13.3	19.9





#50

Toluene-d8

Concen: 54.350 ug/l

RT: 8.647 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044489.D

Acq: 23 Dec 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

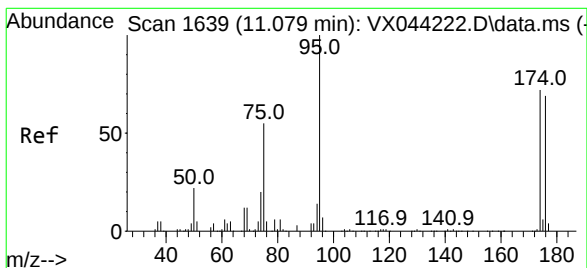
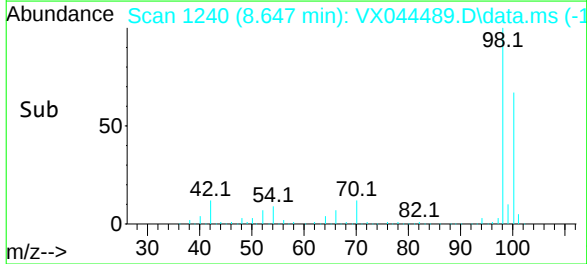
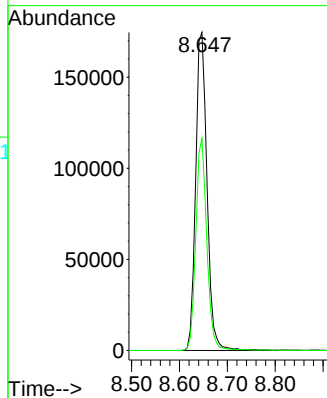
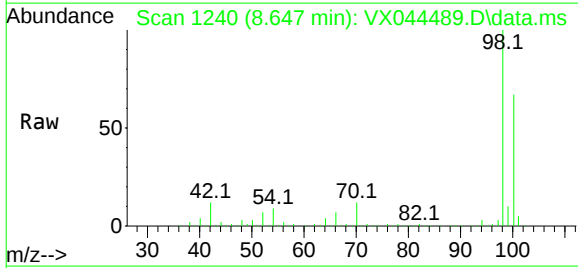
DUP-06-20241217

Tgt Ion: 98 Resp: 287703

Ion Ratio Lower Upper

98 100

100 64.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 50.232 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044489.D

Acq: 23 Dec 2024 18:40

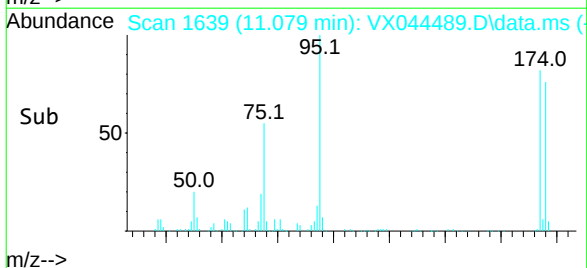
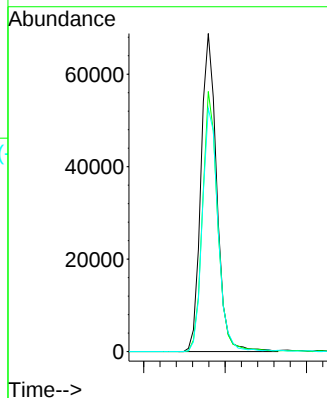
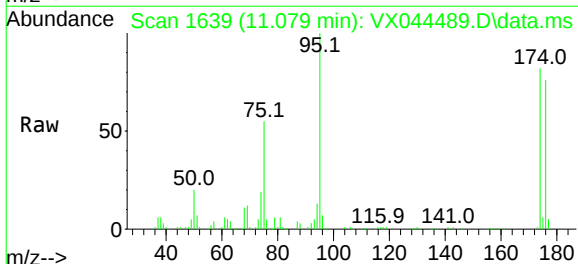
Tgt Ion: 95 Resp: 92913

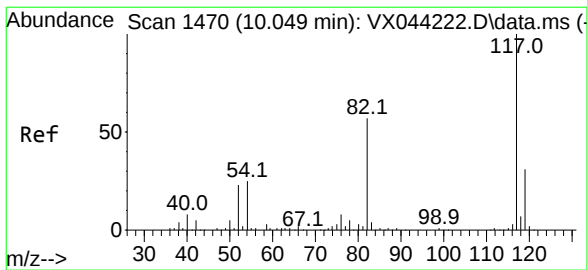
Ion Ratio Lower Upper

95 100

174 78.4 0.0 145.8

176 75.9 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044489.D

Acq: 23 Dec 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

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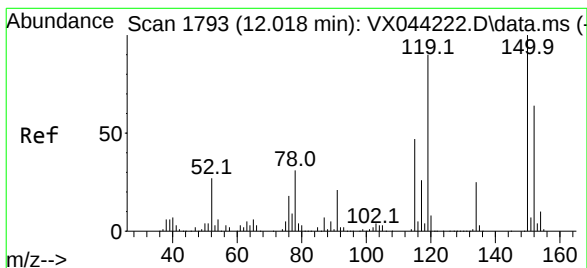
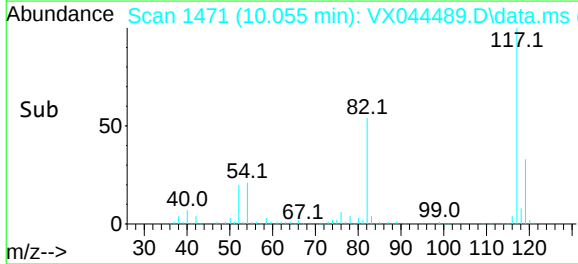
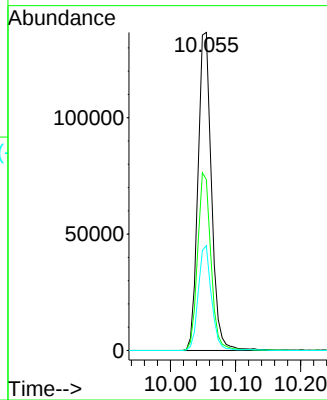
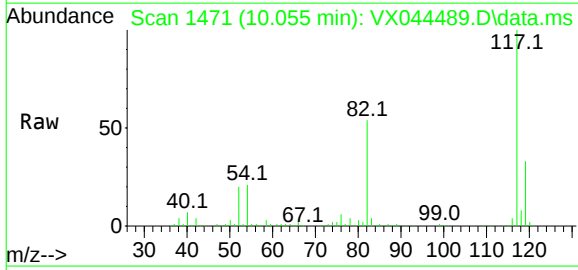
Tgt Ion:117 Resp: 197304

Ion Ratio Lower Upper

117 100

82 53.8 45.8 68.8

119 33.0 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044489.D

Acq: 23 Dec 2024 18:40

Tgt Ion:152 Resp: 84907

Ion Ratio Lower Upper

152 100

115 61.3 44.5 133.3

150 158.0 0.0 353.8

