

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040469.D
 Acq On : 26 Feb 2024 18:34
 Operator : JC/MD
 Sample : P1578-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20240221

Quant Time: Feb 27 05:12:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

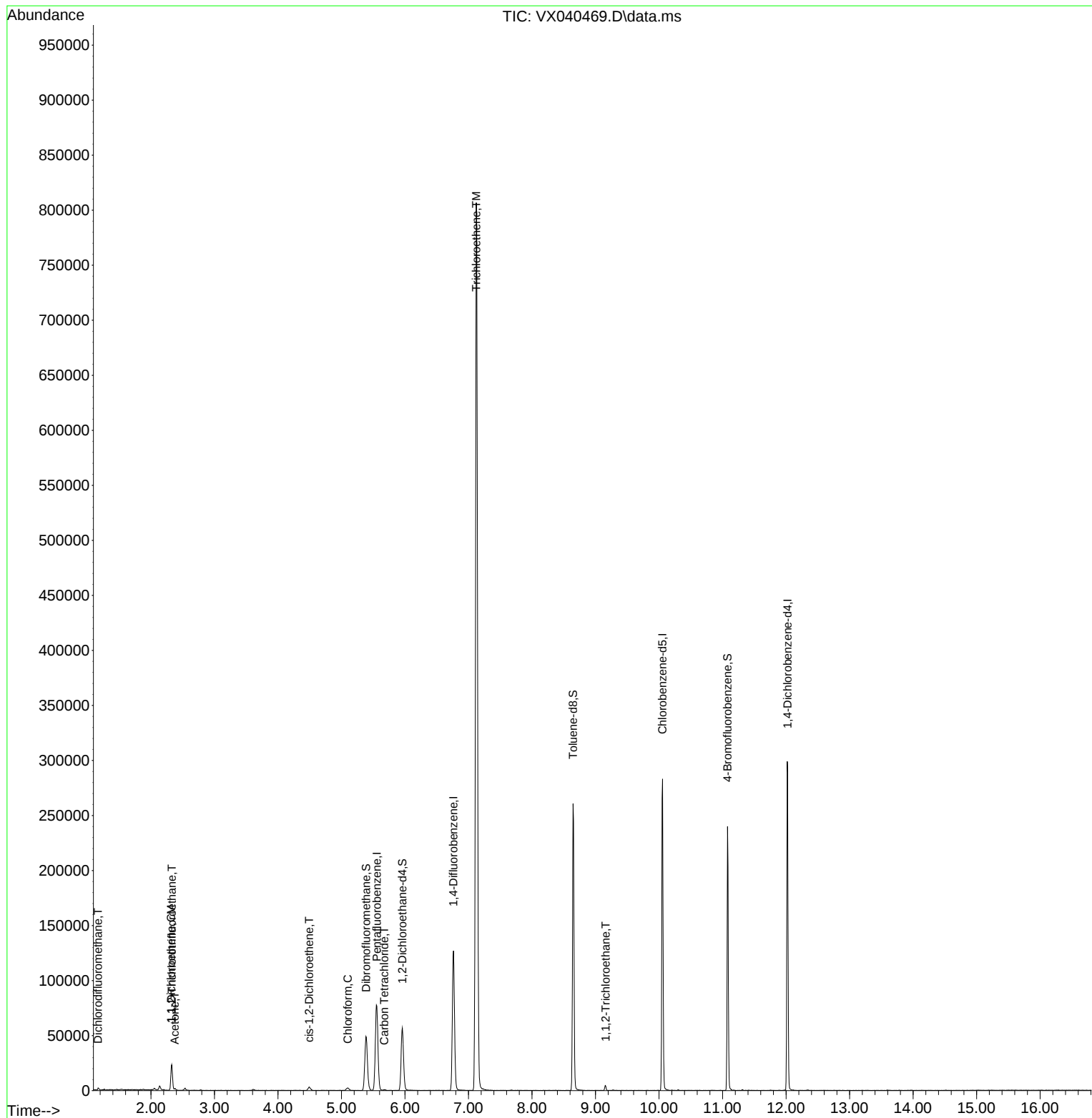
Internal Standards						
1) Pentafluorobenzene	5.556	168	69643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56786	48.751	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.500%
35) Dibromofluoromethane	5.385	113	41805	49.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	8.647	98	152129	49.244	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	59463	50.495	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	822	0.948	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	5698	7.210	ug/l	97
12) 1,1-Dichloroethene	2.319	96	3168	3.993	ug/l	90
16) Acetone	2.374	43	1819	4.789	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	1940	1.960	ug/l	83
30) Chloroform	5.099	83	2772	1.605	ug/l	99
38) Carbon Tetrachloride	5.672	117	523	0.413	ug/l #	81
44) Trichloroethene	7.123	130	286917	300.518	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	1317	1.457	ug/l	91

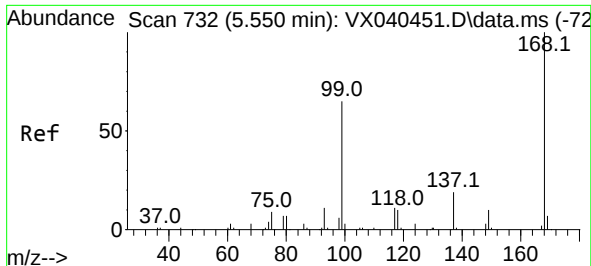
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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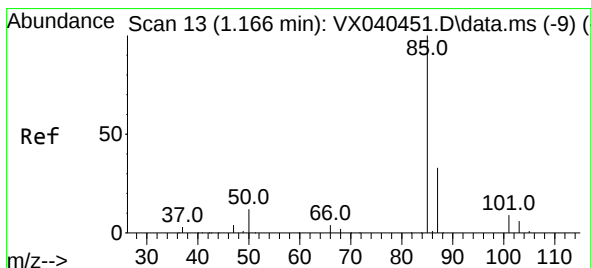
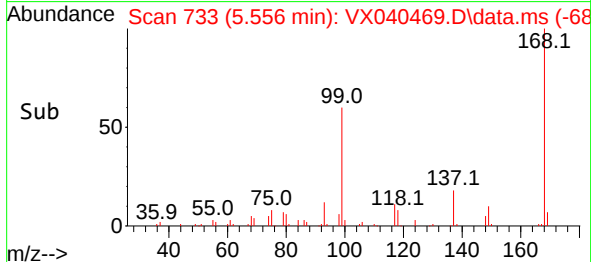
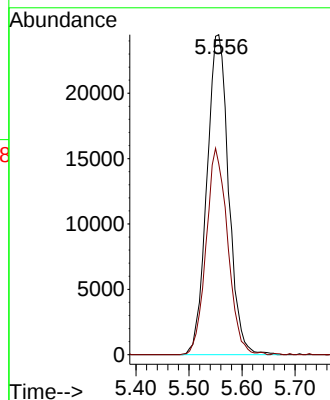
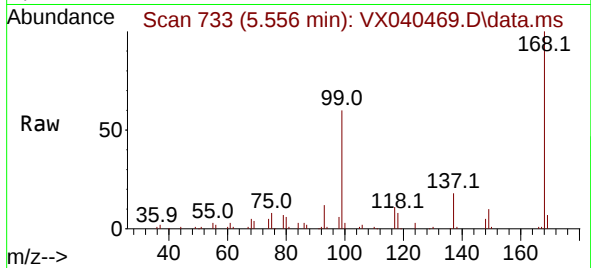




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

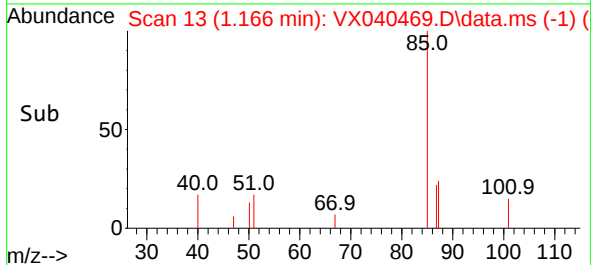
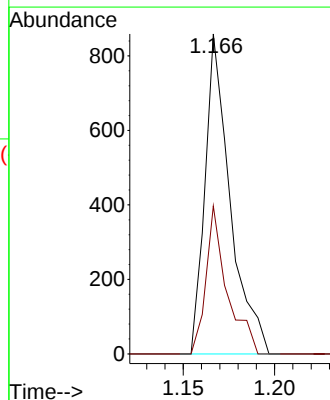
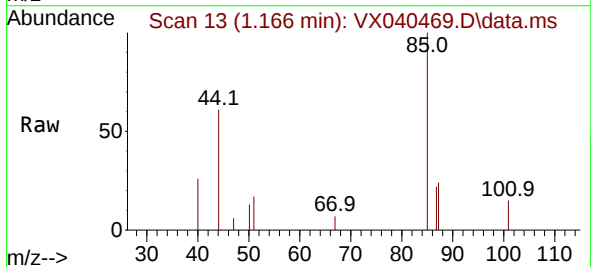
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240221

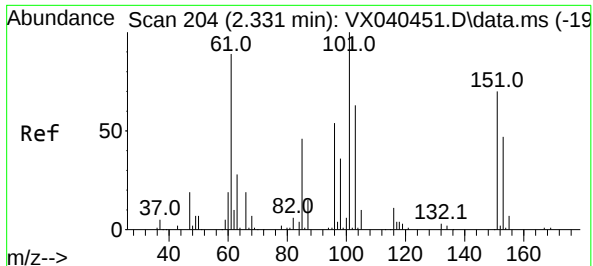
Tgt Ion:168 Resp: 69643
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.948 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion: 85 Resp: 822
Ion Ratio Lower Upper
85 100
87 46.2 16.7 50.1

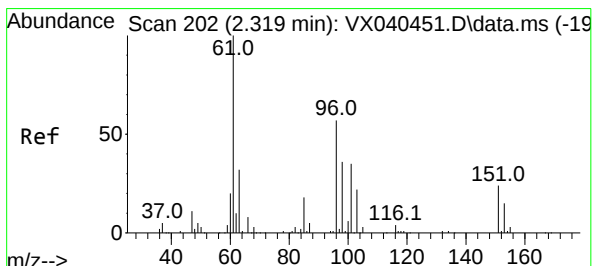
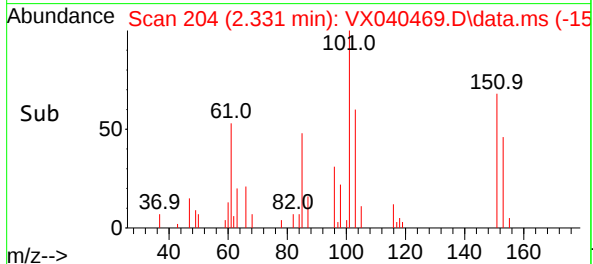
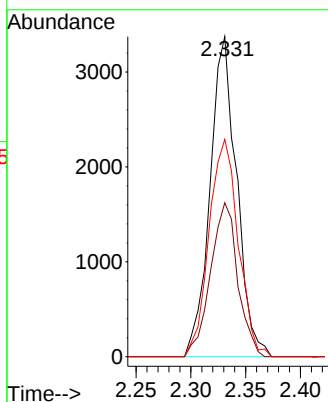
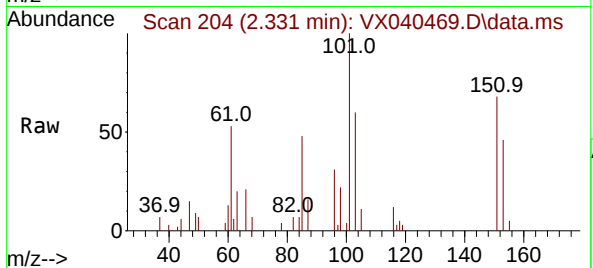




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.210 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX040469.D
 Acq: 26 Feb 2024 18:34

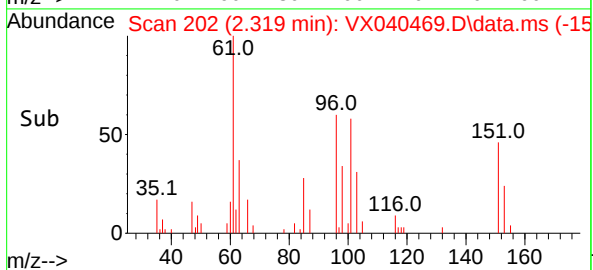
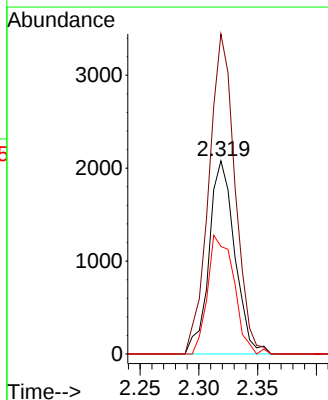
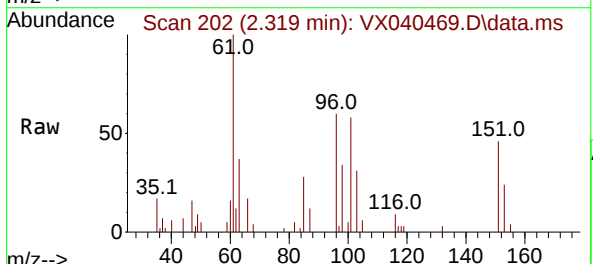
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20240221

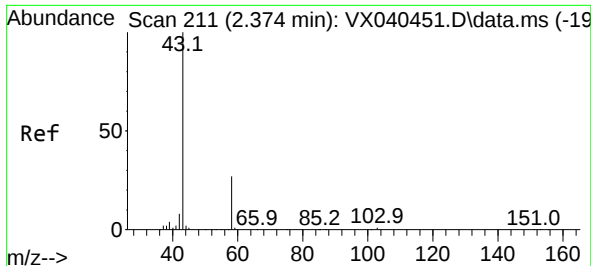
Tgt Ion:101 Resp: 5698
 Ion Ratio Lower Upper
 101 100
 85 49.1 37.0 55.6
 151 74.5 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 3.993 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX040469.D
 Acq: 26 Feb 2024 18:34

Tgt Ion: 96 Resp: 3168
 Ion Ratio Lower Upper
 96 100
 61 165.6 144.6 216.8
 98 55.6 50.4 75.6





#16

Acetone

Concen: 4.789 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX040469.D

Acq: 26 Feb 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

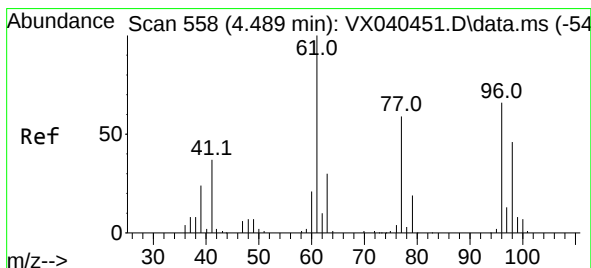
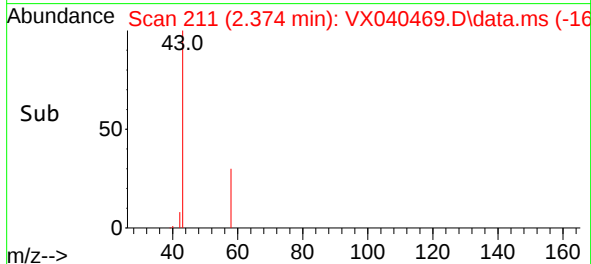
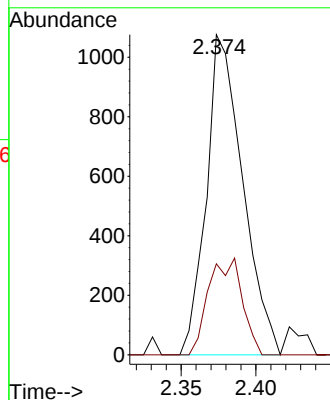
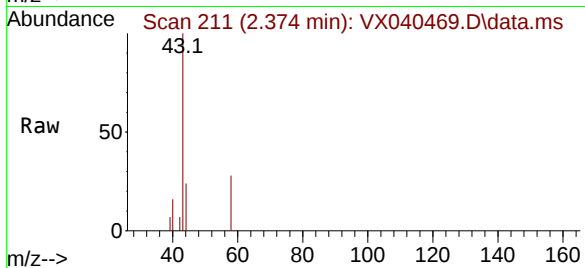
TT180D1-20240221

Tgt Ion: 43 Resp: 1819

Ion Ratio Lower Upper

43 100

58 28.4 21.9 32.9



#27

cis-1,2-Dichloroethene

Concen: 1.960 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040469.D

Acq: 26 Feb 2024 18:34

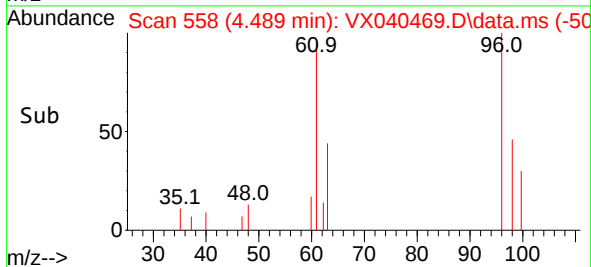
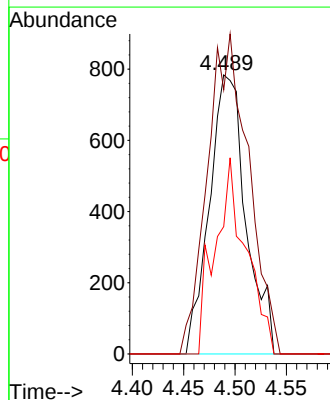
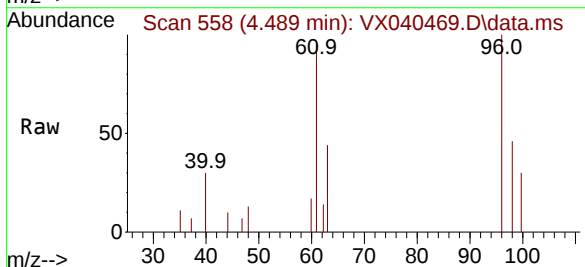
Tgt Ion: 96 Resp: 1940

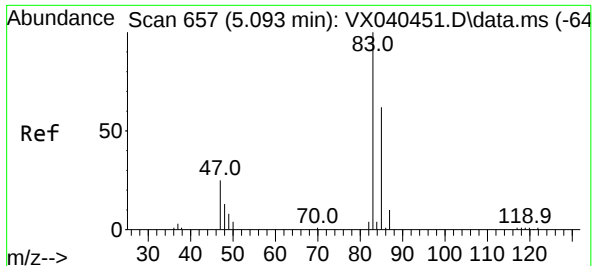
Ion Ratio Lower Upper

96 100

61 129.4 0.0 312.2

98 59.2 0.0 129.0





#30

Chloroform

Concen: 1.605 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX040469.D

Acq: 26 Feb 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

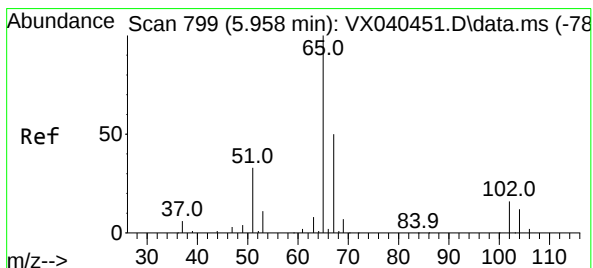
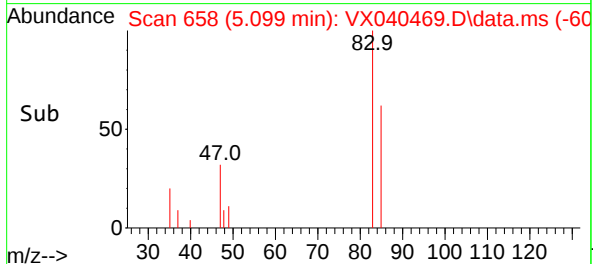
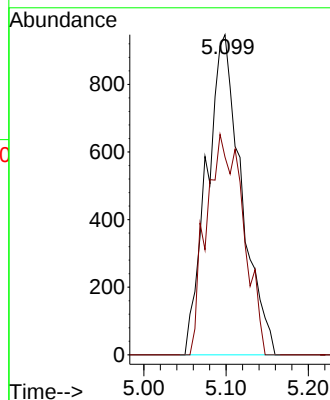
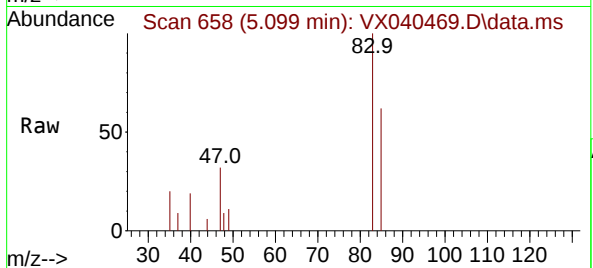
TT180D1-20240221

Tgt Ion: 83 Resp: 2772

Ion Ratio Lower Upper

83 100

85 61.8 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 48.751 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040469.D

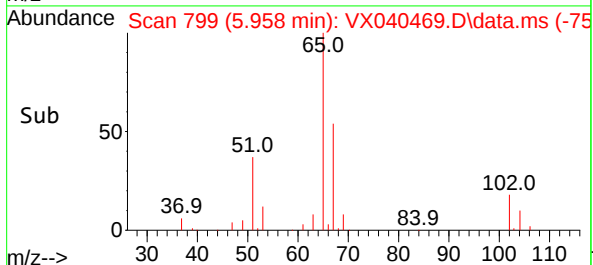
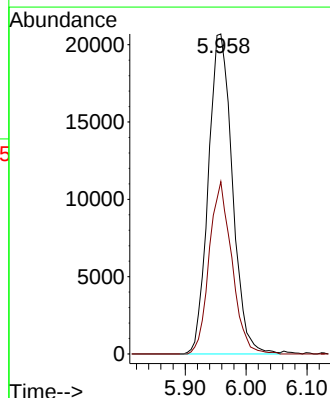
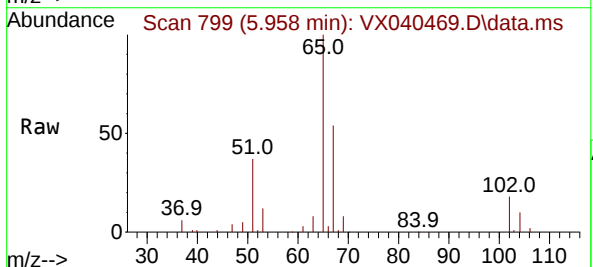
Acq: 26 Feb 2024 18:34

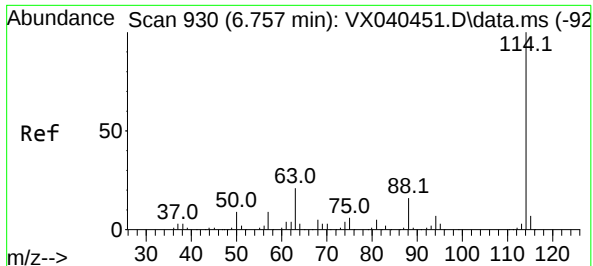
Tgt Ion: 65 Resp: 56786

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.2

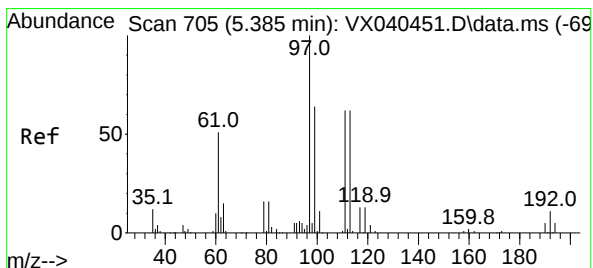
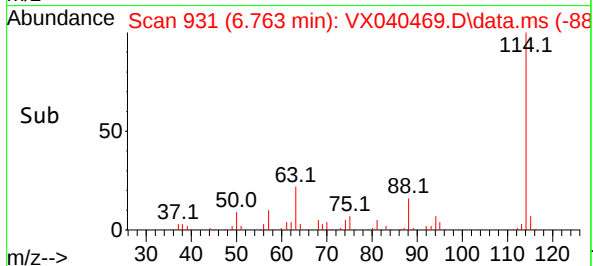
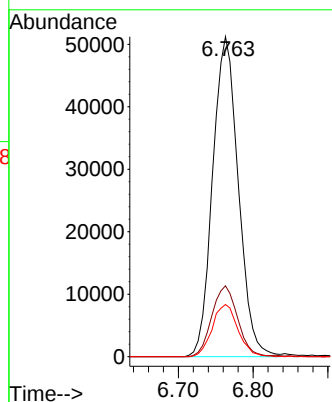
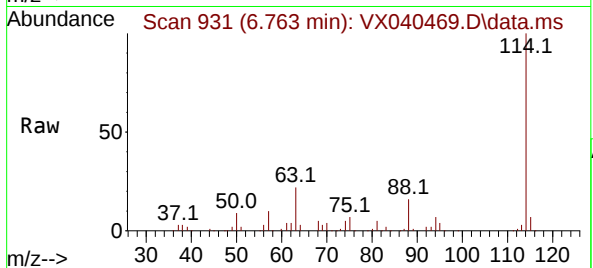




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

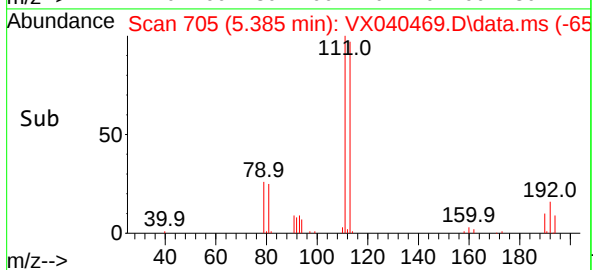
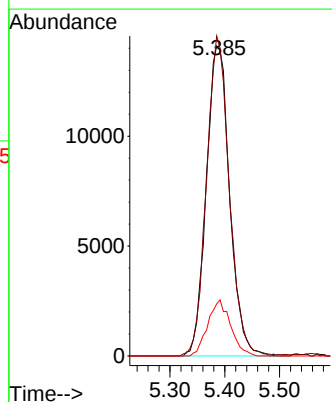
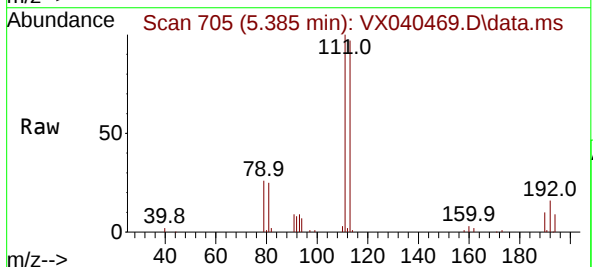
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240221

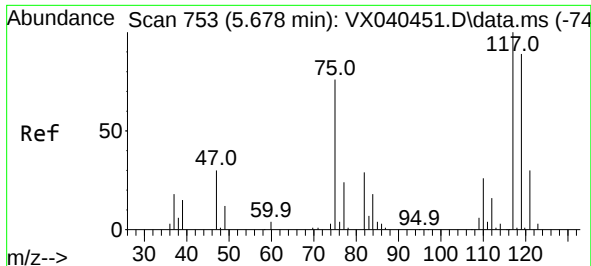
Tgt Ion:114 Resp: 122387
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.120 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion:113 Resp: 41805
Ion Ratio Lower Upper
113 100
111 100.4 82.9 124.3
192 17.6 13.3 19.9

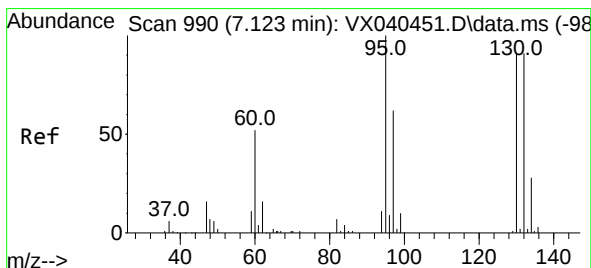
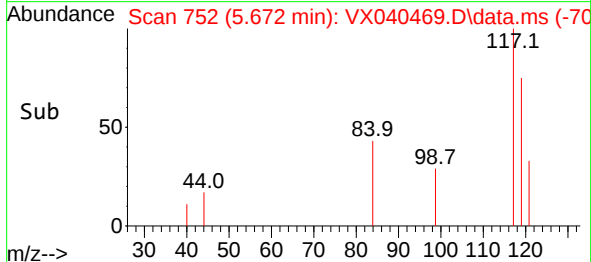
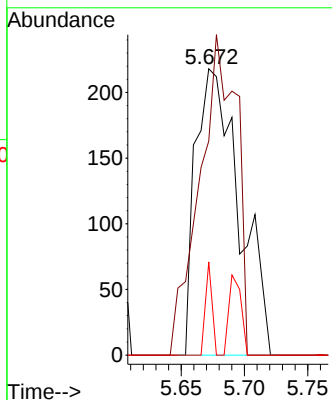
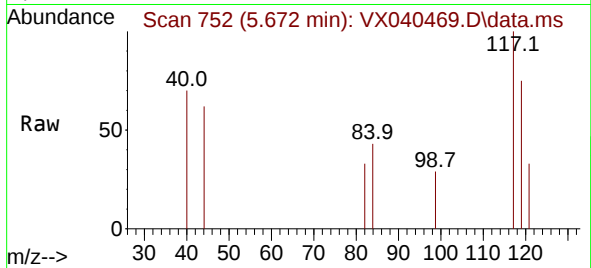




#38
Carbon Tetrachloride
Concen: 0.413 ug/l
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

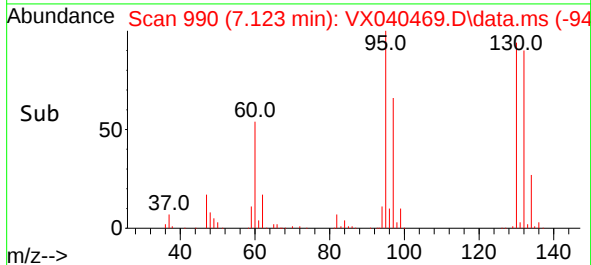
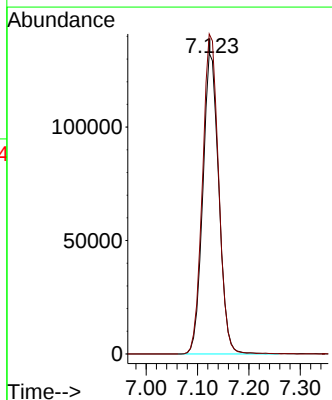
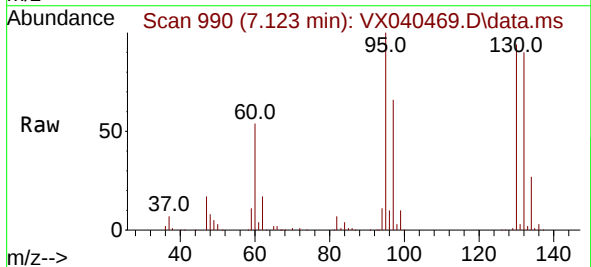
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TT180D1-20240221

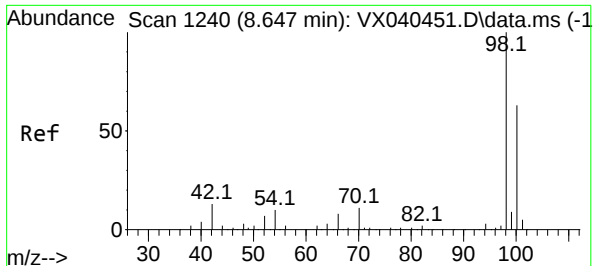
Tgt Ion:117 Resp: 523
Ion Ratio Lower Upper
117 100
119 74.8 78.2 117.2#
121 32.6 24.4 36.6



#44
Trichloroethene
Concen: 300.518 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion:130 Resp: 286917
Ion Ratio Lower Upper
130 100
95 106.3 0.0 204.4

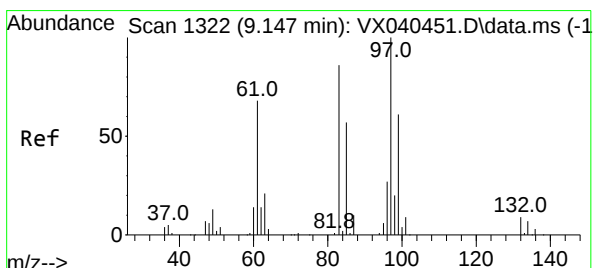
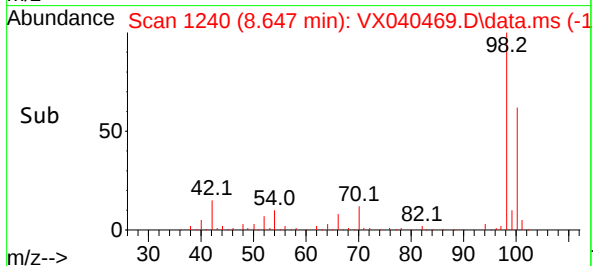
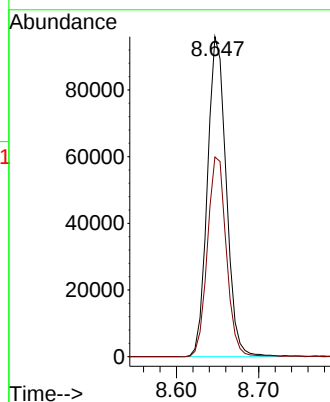
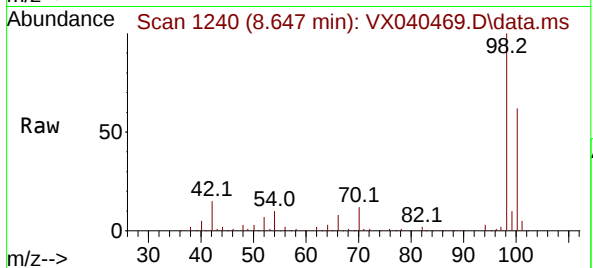




#50
Toluene-d8
Concen: 49.244 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

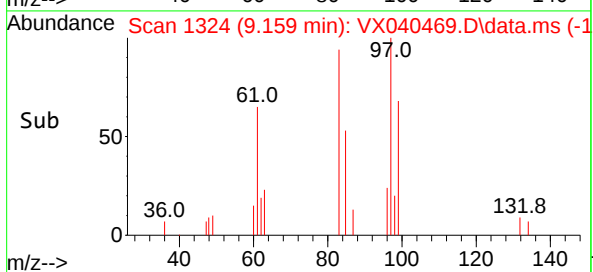
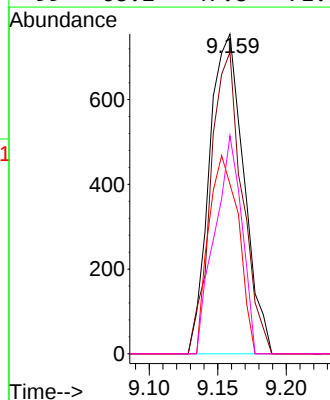
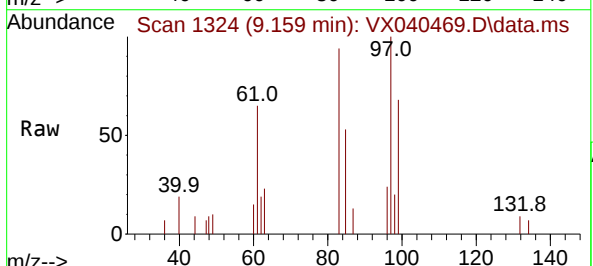
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240221

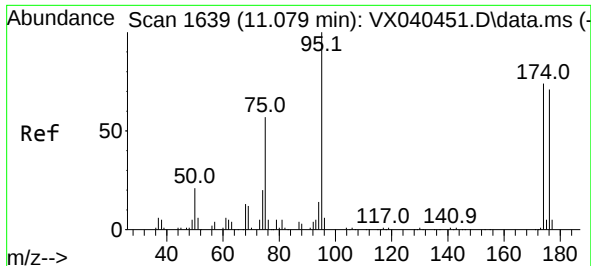
Tgt Ion: 98 Resp: 152129
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#55
1,1,2-Trichloroethane
Concen: 1.457 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.012 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion: 97 Resp: 1317
Ion Ratio Lower Upper
97 100
83 94.3 65.8 98.8
85 53.0 41.6 62.4
99 68.2 47.8 71.8





#62

4-Bromofluorobenzene

Concen: 50.495 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040469.D

Acq: 26 Feb 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20240221

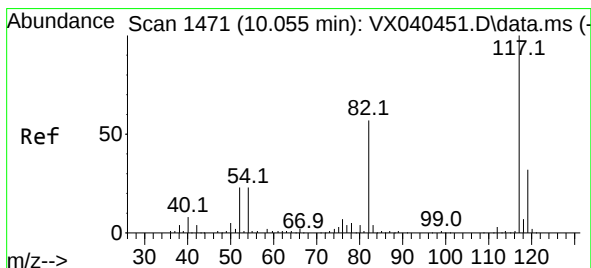
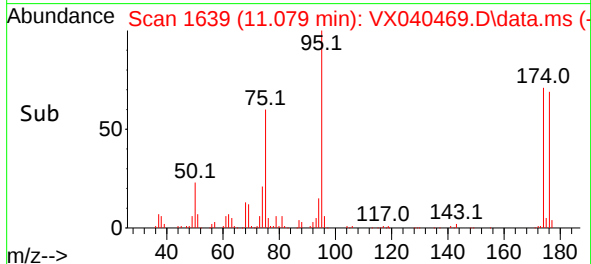
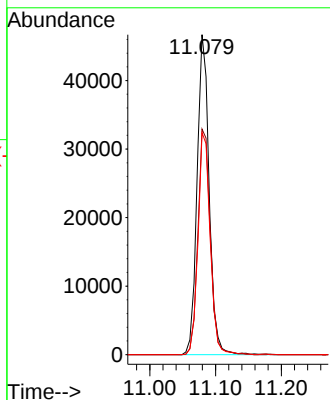
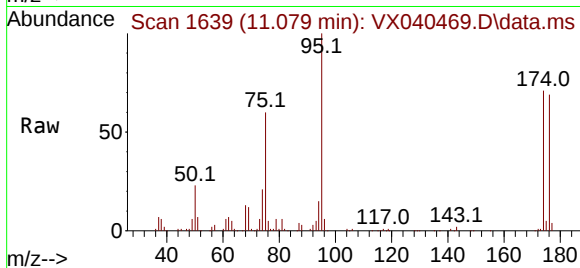
Tgt Ion: 95 Resp: 59463

Ion Ratio Lower Upper

95 100

174 72.9 0.0 135.6

176 70.1 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: VX040469.D

Acq: 26 Feb 2024 18:34

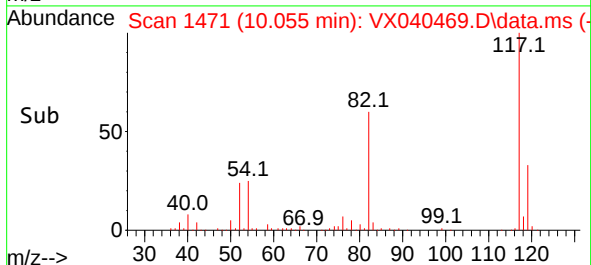
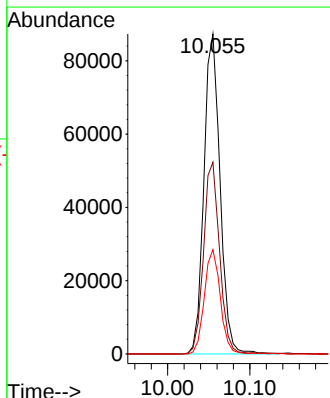
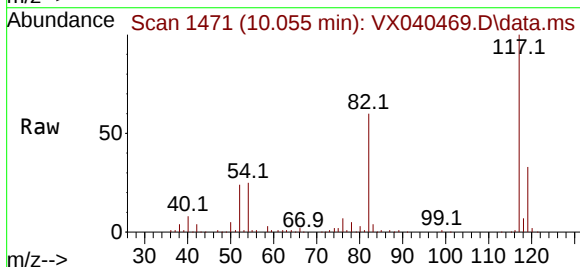
Tgt Ion: 117 Resp: 119303

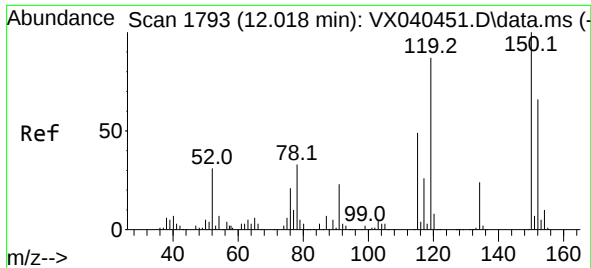
Ion Ratio Lower Upper

117 100

82 59.9 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. 0.006 min

Lab File: VX040469.D

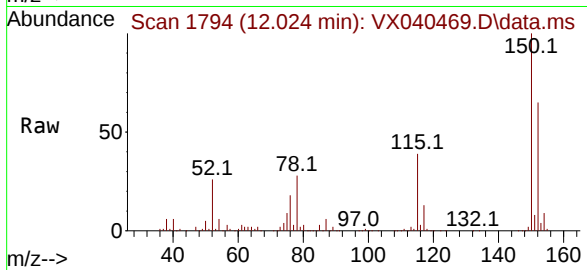
Acq: 26 Feb 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20240221



Tgt Ion:152 Resp: 58373

Ion Ratio Lower Upper

152 100

115 62.3 43.3 129.9

150 158.6 0.0 345.0

