

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045332.D
 Acq On : 18 Mar 2025 17:57
 Operator : JC/MD
 Sample : Q1559-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20250310

Quant Time: Mar 19 01:48:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

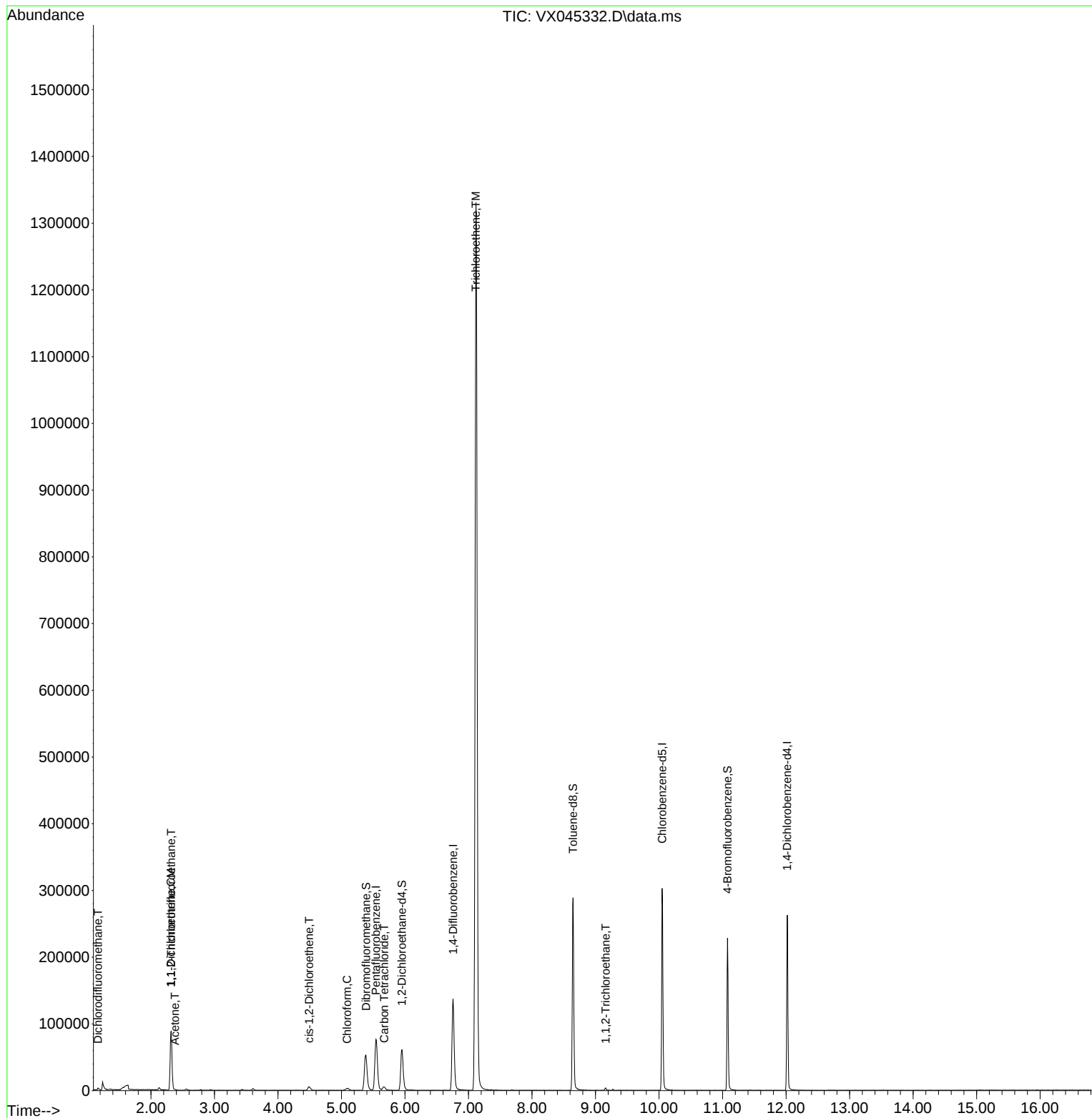
Internal Standards						
1) Pentafluorobenzene	5.544	168	68641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60083	55.029	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.060%
35) Dibromofluoromethane	5.385	113	46827	52.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.600%
50) Toluene-d8	8.647	98	167939	51.736	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.480%
62) 4-Bromofluorobenzene	11.079	95	59923	55.708	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1736	2.009	ug/l	71
9) 1,1,2-Trichlorotrifluo...	2.319	101	26032	32.631	ug/l	98
12) 1,1-Dichloroethene	2.313	96	10530	12.484	ug/l	99
16) Acetone	2.380	43	1173	2.316	ug/l #	78
27) cis-1,2-Dichloroethene	4.489	96	3449	3.353	ug/l	93
30) Chloroform	5.087	83	3630	2.135	ug/l	92
38) Carbon Tetrachloride	5.672	117	4432	3.555	ug/l #	88
44) Trichloroethene	7.117	130	491693	540.037	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	1101	1.176	ug/l	93

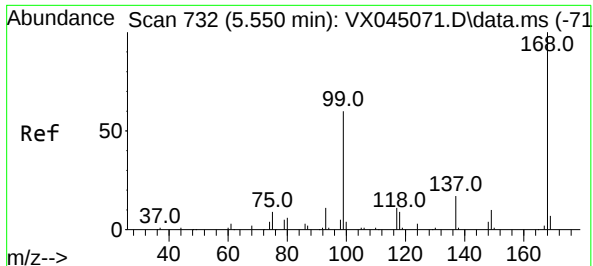
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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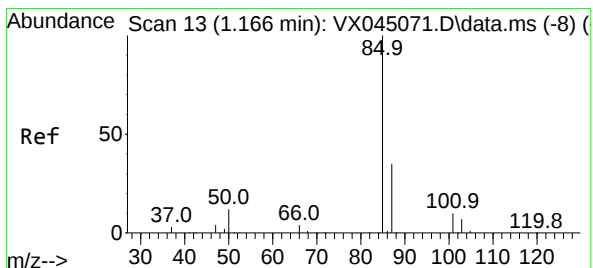
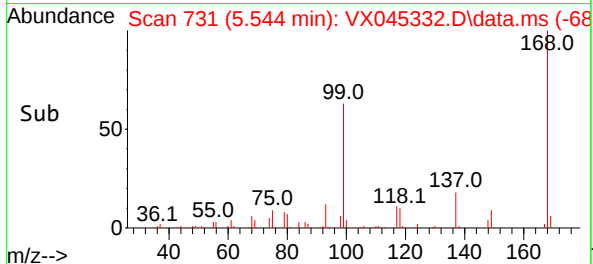
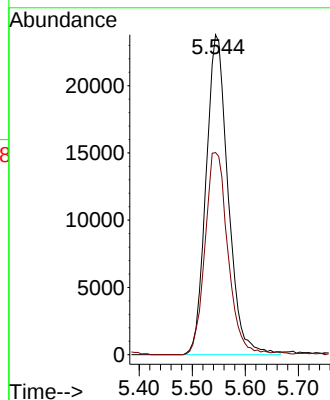
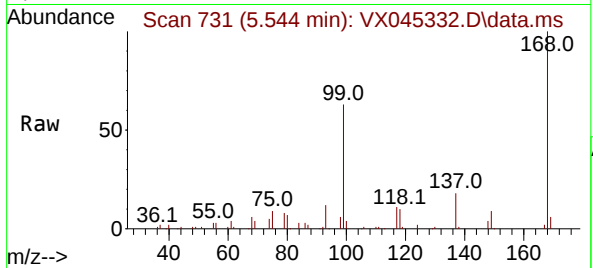




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045332.D
Acq: 18 Mar 2025 17:57

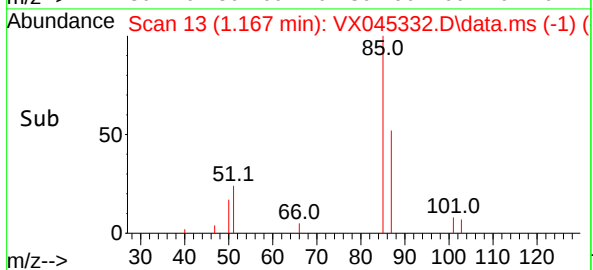
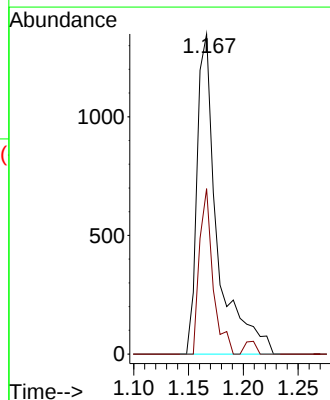
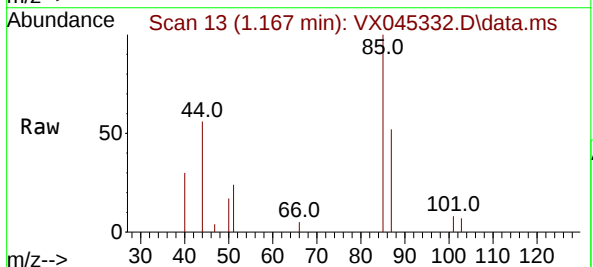
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250310

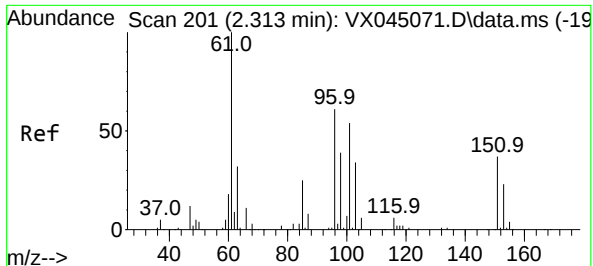
Tgt Ion:168 Resp: 68641
Ion Ratio Lower Upper
168 100
99 63.2 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 2.009 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045332.D
Acq: 18 Mar 2025 17:57

Tgt Ion: 85 Resp: 1736
Ion Ratio Lower Upper
85 100
87 51.7 17.4 52.3

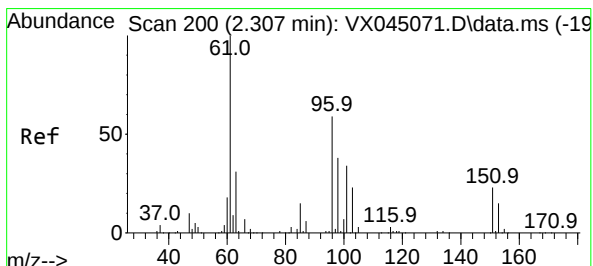
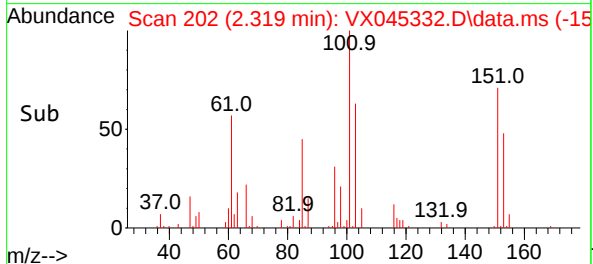
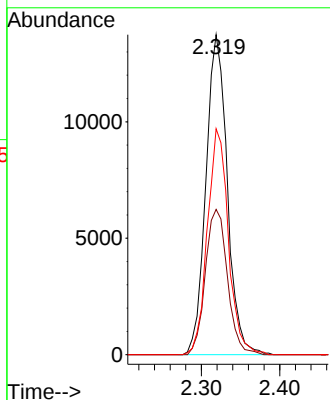
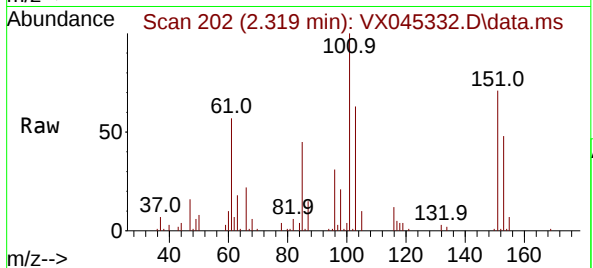




#9
1,1,2-Trichlorotrifluoroethane
Concen: 32.631 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045332.D
Acq: 18 Mar 2025 17:57

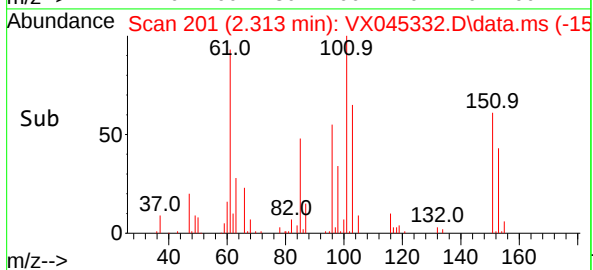
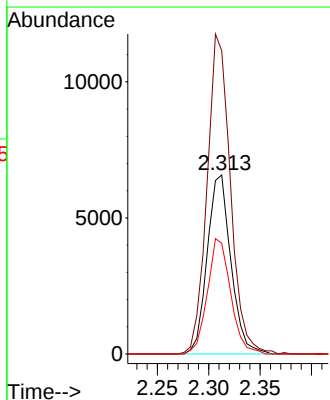
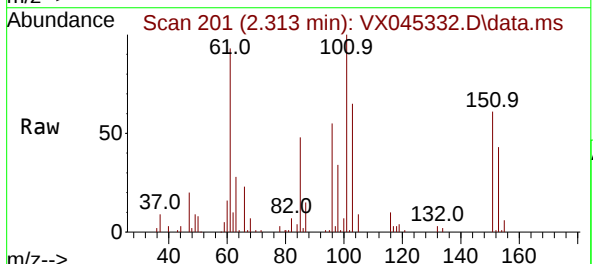
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250310

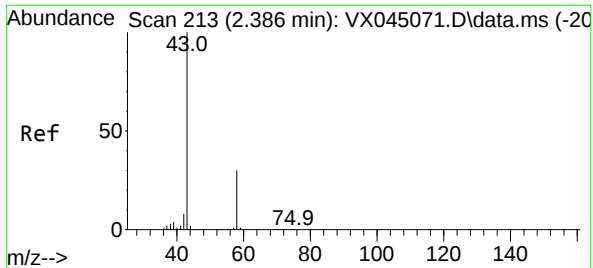
Tgt Ion:101 Resp: 26032
Ion Ratio Lower Upper
101 100
85 47.0 36.2 54.4
151 69.4 56.4 84.6



#12
1,1-Dichloroethene
Concen: 12.484 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045332.D
Acq: 18 Mar 2025 17:57

Tgt Ion: 96 Resp: 10530
Ion Ratio Lower Upper
96 100
61 169.4 134.6 202.0
98 61.7 51.0 76.6

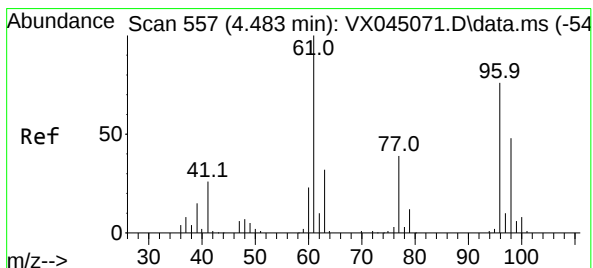
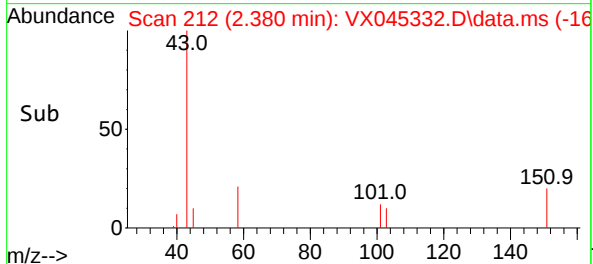
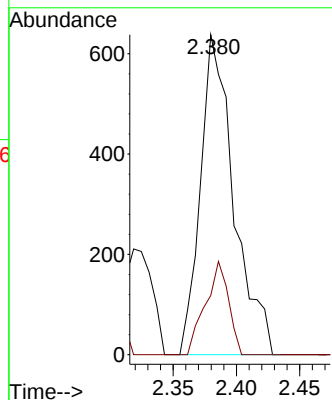
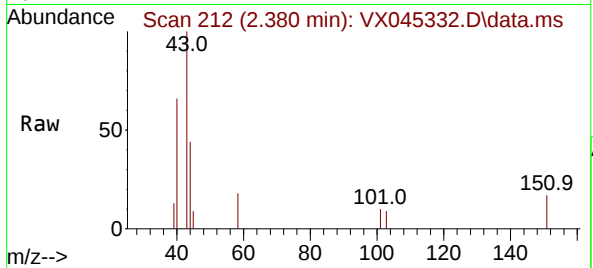




#16
Acetone
Concen: 2.316 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045332.D
Acq: 18 Mar 2025 17:57

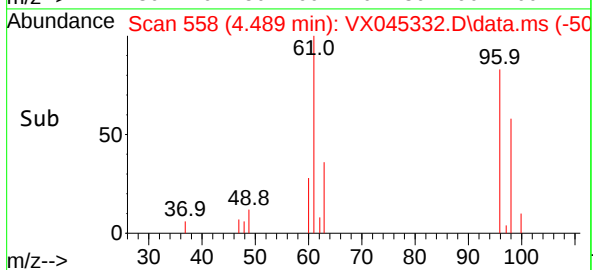
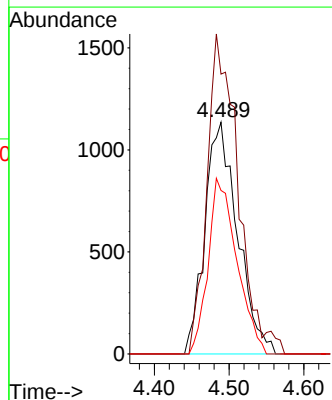
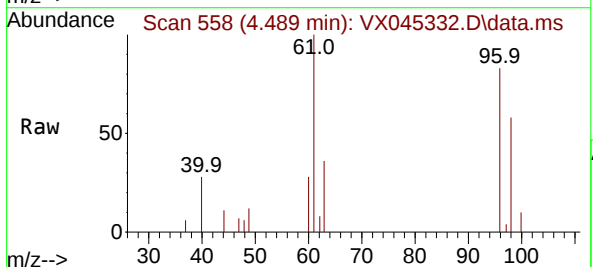
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250310

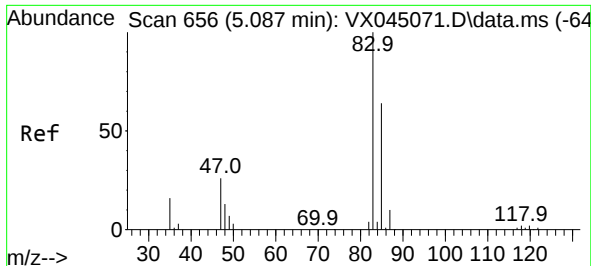
Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
58 18.5 24.2 36.4#



#27
cis-1,2-Dichloroethene
Concen: 3.353 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX045332.D
Acq: 18 Mar 2025 17:57

Tgt Ion: 96 Resp: 3449
Ion Ratio Lower Upper
96 100
61 130.7 0.0 283.2
98 66.6 0.0 128.0





#30

Chloroform

Concen: 2.135 ug/l

RT: 5.087 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX045332.D

Acq: 18 Mar 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

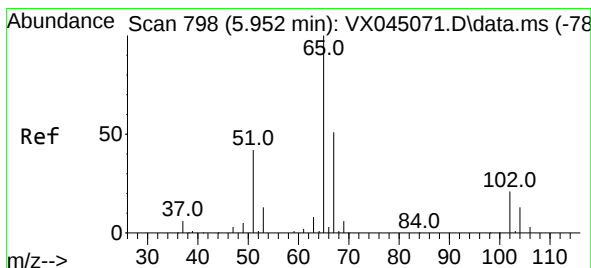
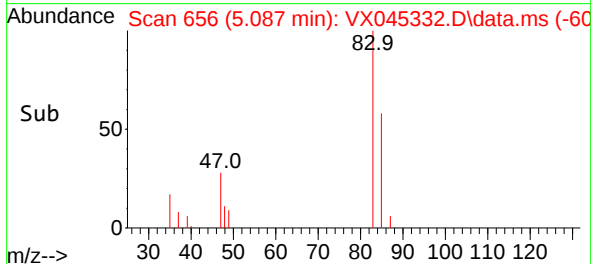
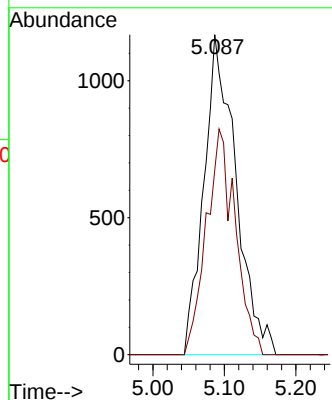
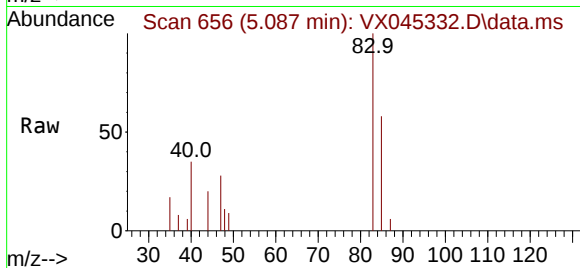
DUP03-20250310

Tgt Ion: 83 Resp: 3630

Ion Ratio Lower Upper

83 100

85 57.7 51.4 77.2



#33

1,2-Dichloroethane-d4

Concen: 55.029 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045332.D

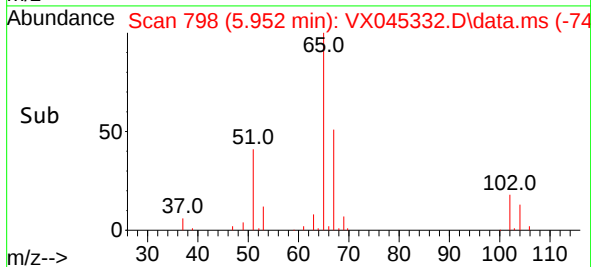
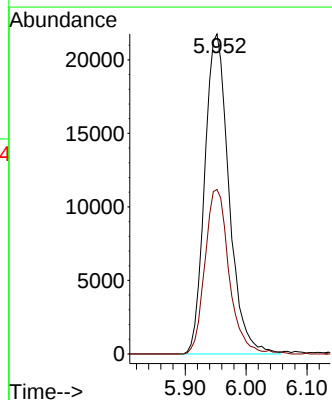
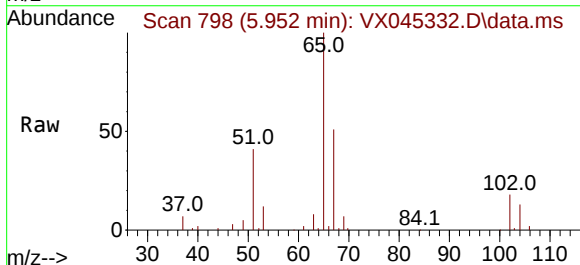
Acq: 18 Mar 2025 17:57

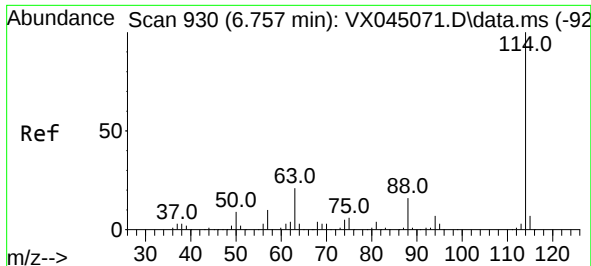
Tgt Ion: 65 Resp: 60083

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.2

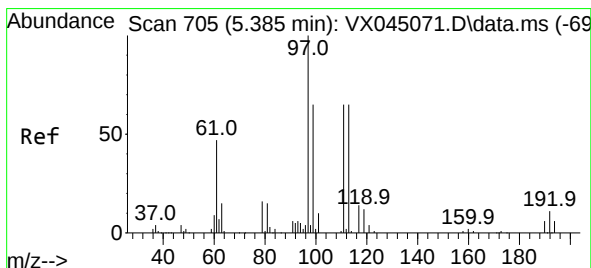
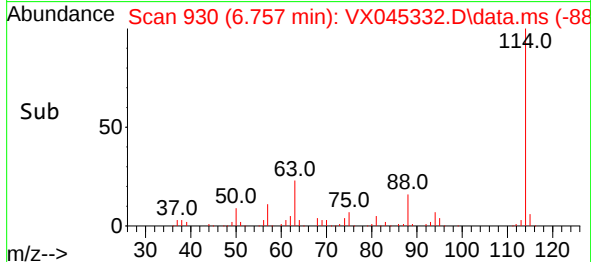
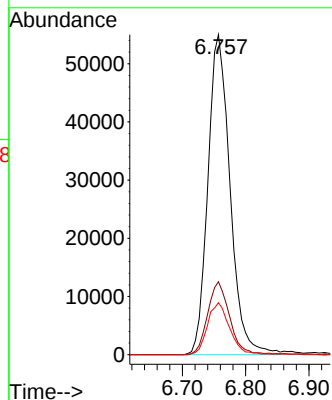
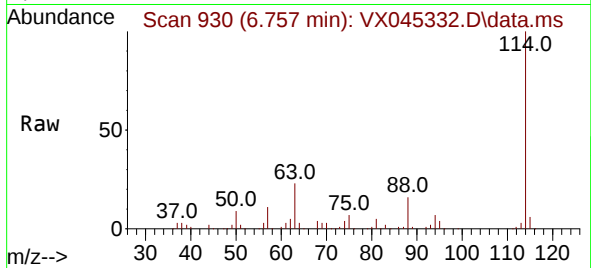




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045332.D
Acq: 18 Mar 2025 17:57

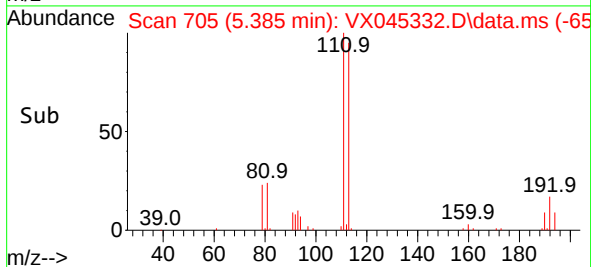
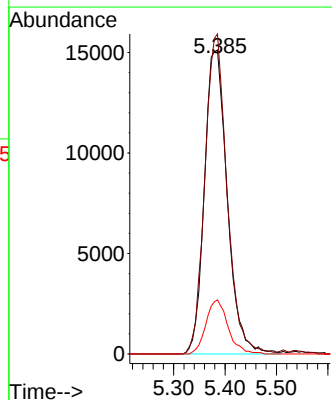
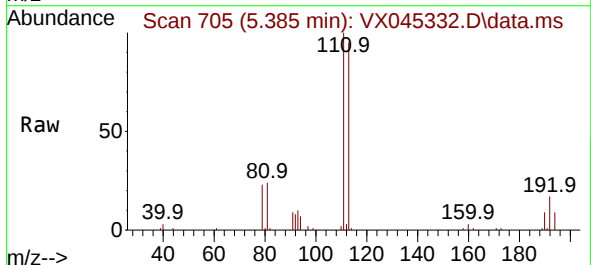
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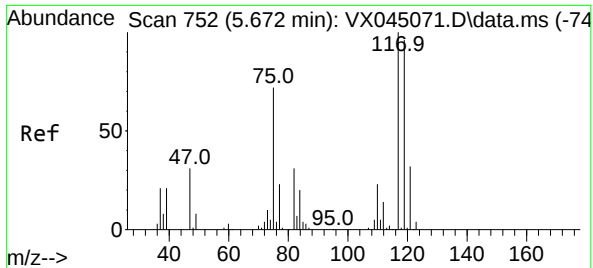
Tgt Ion:114 Resp: 133905
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.298 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045332.D
Acq: 18 Mar 2025 17:57

Tgt Ion:113 Resp: 46827
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.6
192 17.1 14.3 21.5

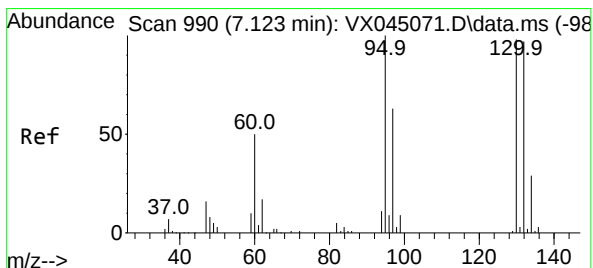
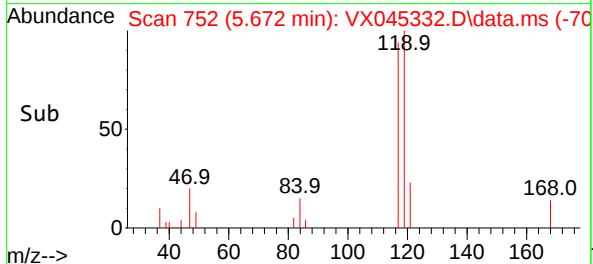
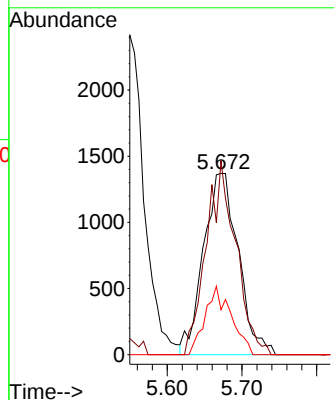
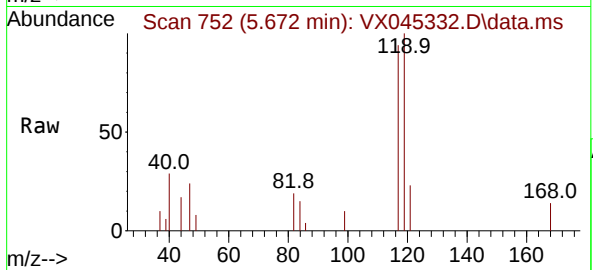




#38
Carbon Tetrachloride
Concen: 3.555 ug/l
RT: 5.672 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX045332.D
Acq: 18 Mar 2025 17:57

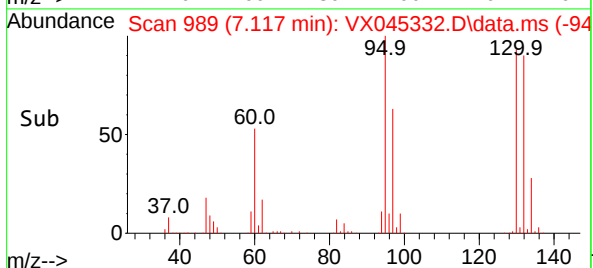
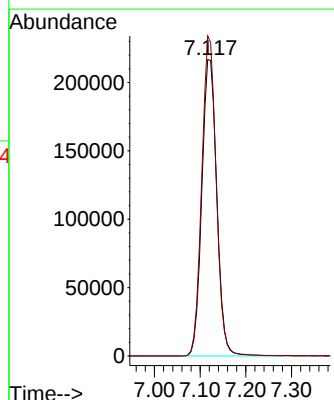
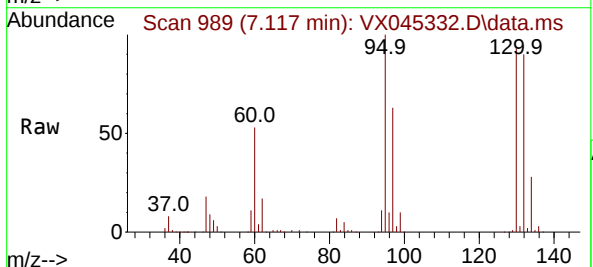
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DUP03-20250310

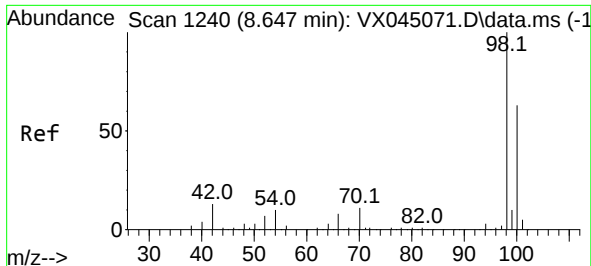
Tgt Ion:117 Resp: 4432
Ion Ratio Lower Upper
117 100
119 106.9 76.7 115.1
121 24.7 25.5 38.3#



#44
Trichloroethene
Concen: 540.037 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045332.D
Acq: 18 Mar 2025 17:57

Tgt Ion:130 Resp: 491693
Ion Ratio Lower Upper
130 100
95 108.0 0.0 205.0

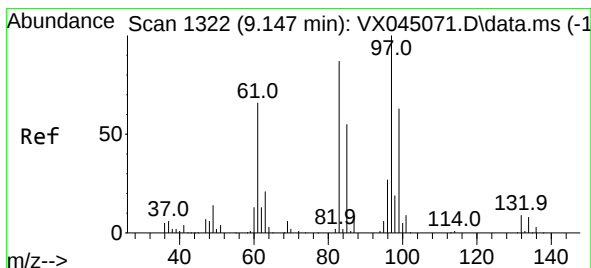
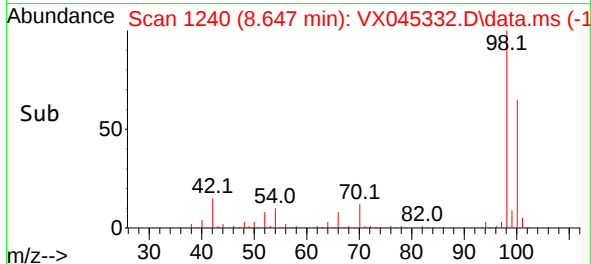
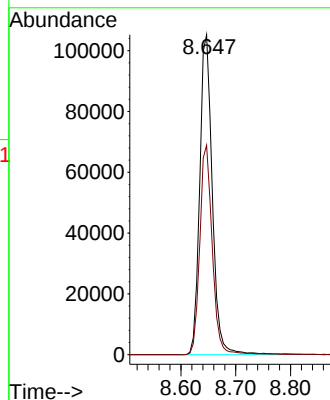
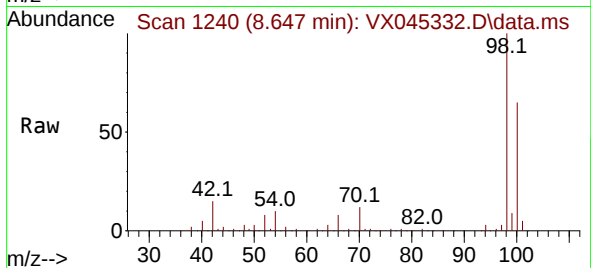




#50
Toluene-d8
Concen: 51.736 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045332.D
Acq: 18 Mar 2025 17:57

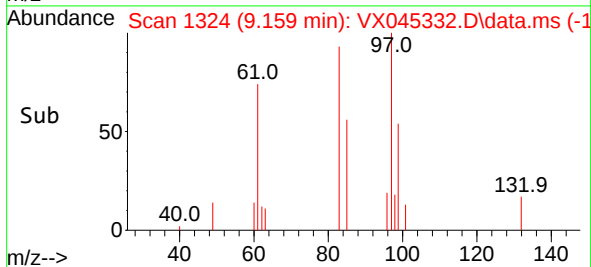
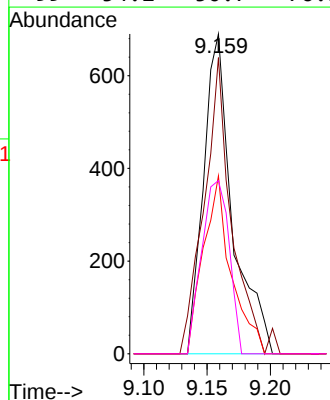
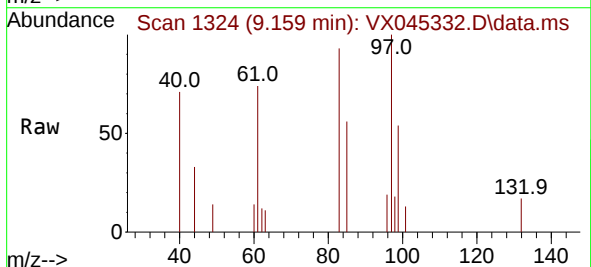
Instrument :
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ClientSampleId :
DUP03-20250310

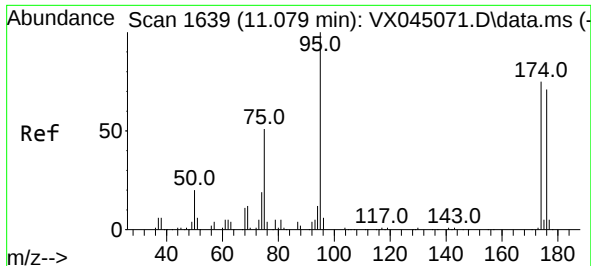
Tgt Ion: 98 Resp: 167939
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#55
1,1,2-Trichloroethane
Concen: 1.176 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.012 min
Lab File: VX045332.D
Acq: 18 Mar 2025 17:57

Tgt Ion: 97 Resp: 1101
Ion Ratio Lower Upper
97 100
83 92.6 69.4 104.2
85 55.7 44.1 66.1
99 54.2 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 55.708 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045332.D

Acq: 18 Mar 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20250310

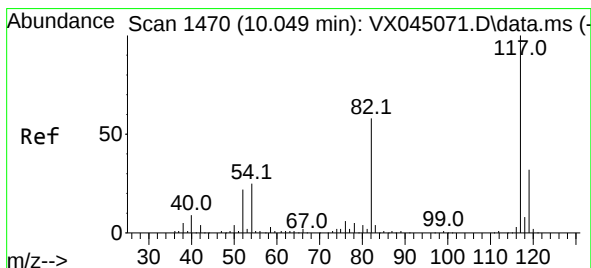
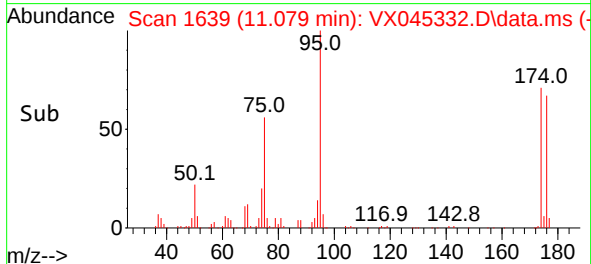
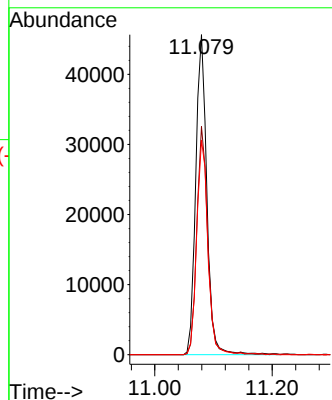
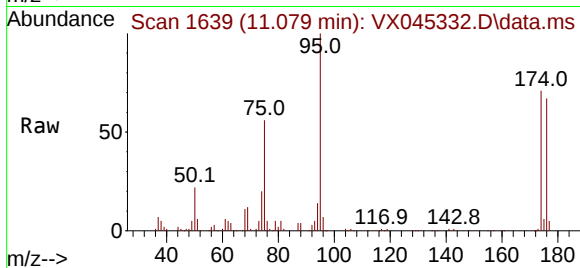
Tgt Ion: 95 Resp: 59923

Ion Ratio Lower Upper

95 100

174 70.3 0.0 148.2

176 67.9 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045332.D

Acq: 18 Mar 2025 17:57

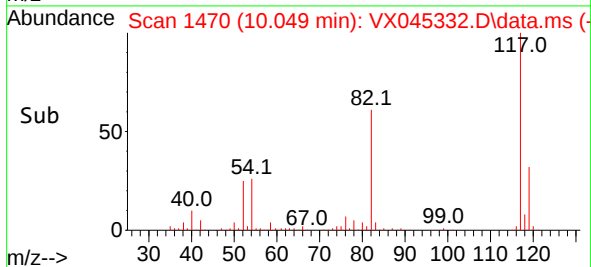
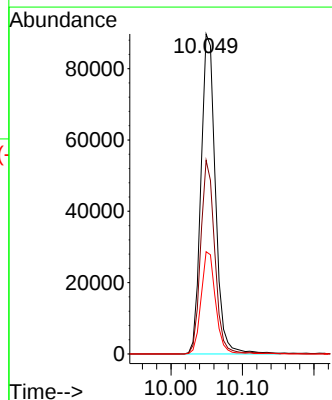
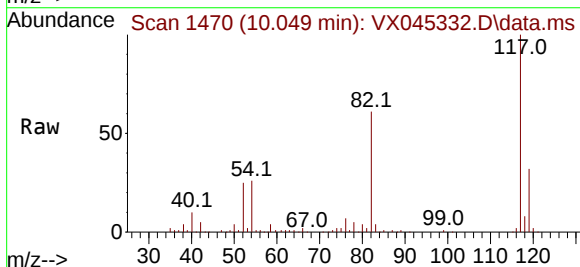
Tgt Ion: 117 Resp: 125891

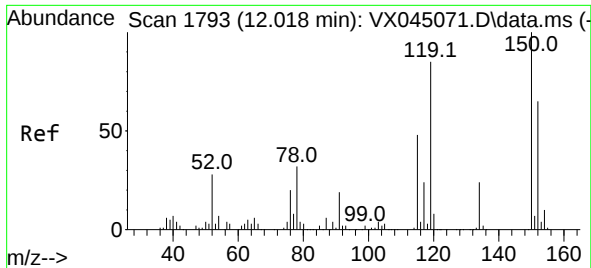
Ion Ratio Lower Upper

117 100

82 60.5 46.3 69.5

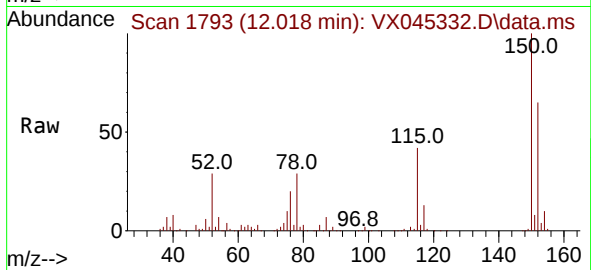
119 32.0 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045332.D
 Acq: 18 Mar 2025 17:57

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20250310



Tgt Ion:152 Resp: 51700
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.2 132.6
 150 154.9 0.0 349.0

