

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047817.D
 Acq On : 25 Sep 2025 17:03
 Operator : JC/MD
 Sample : Q3127-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP08-20250915

Quant Time: Sep 26 01:31:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

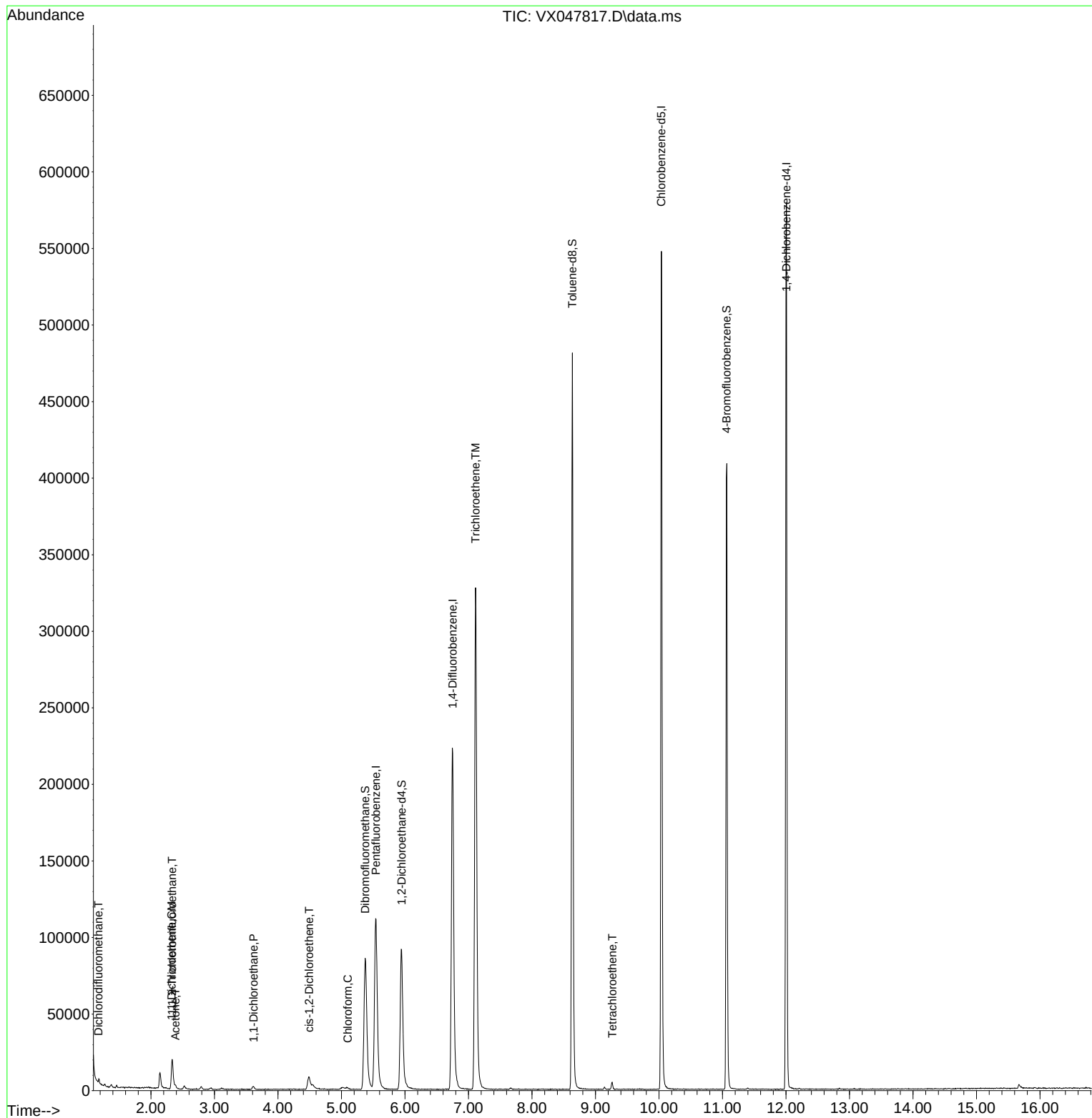
Internal Standards						
1) Pentafluorobenzene	5.544	168	113877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	245918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	250155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99112	54.678	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.360%	
35) Dibromofluoromethane	5.373	113	85257	51.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.380%	
50) Toluene-d8	8.635	98	287005	50.292	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	11.061	95	120370	55.577	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	679	0.576	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	7257	5.510	ug/l	98
12) 1,1-Dichloroethene	2.325	96	2185	1.615	ug/l	89
16) Acetone	2.386	43	2486	3.154	ug/l #	80
24) 1,1-Dichloroethane	3.617	63	2779	0.966	ug/l #	91
27) cis-1,2-Dichloroethene	4.489	96	5971	3.347	ug/l	91
30) Chloroform	5.099	83	1488	0.512	ug/l #	83
44) Trichloroethene	7.111	130	138235	78.115	ug/l	97
64) Tetrachloroethene	9.263	164	861	0.528	ug/l #	82

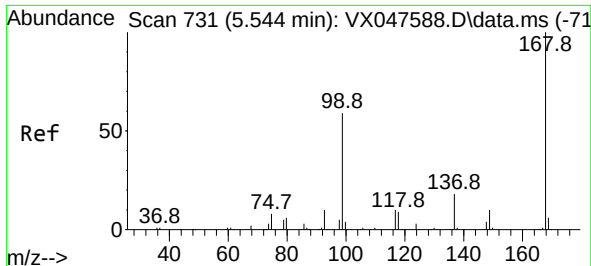
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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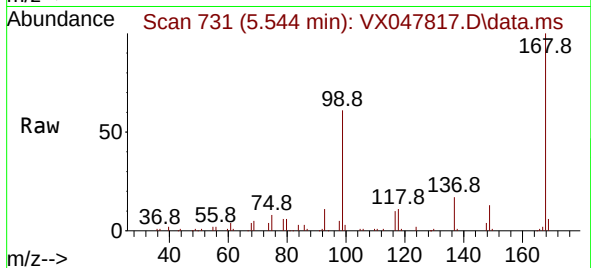
Quant Time: Sep 26 01:31:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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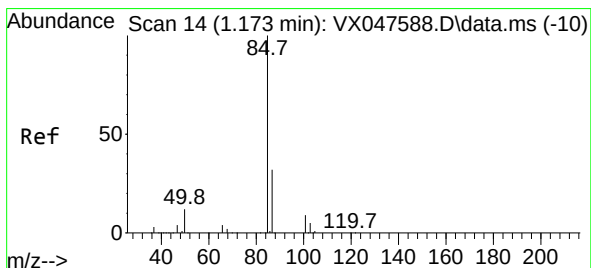
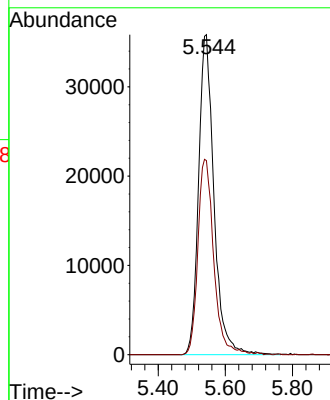
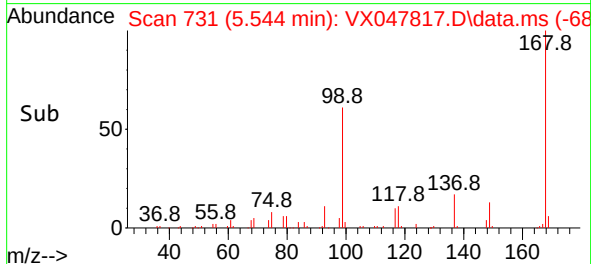


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

Instrument :
MSVOA_X
ClientSampleId :
DUP08-20250915

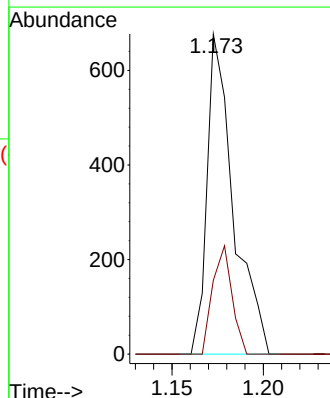
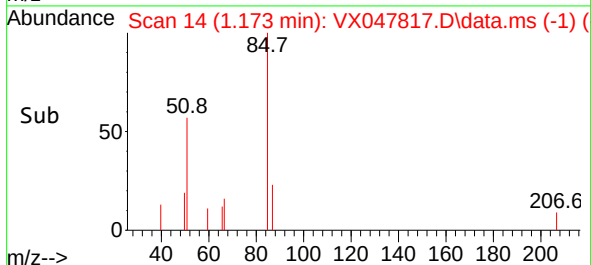
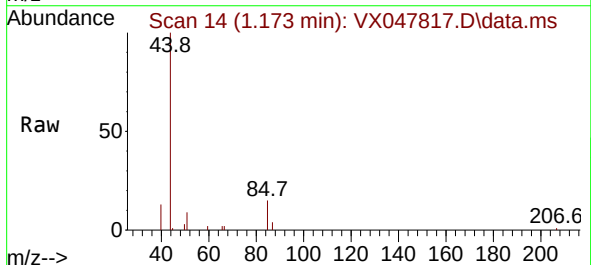


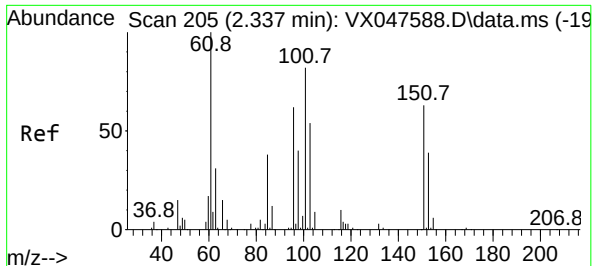
Tgt Ion:168 Resp: 113877
Ion Ratio Lower Upper
168 100
99 60.6 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.576 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

Tgt Ion: 85 Resp: 679
Ion Ratio Lower Upper
85 100
87 23.0 15.8 47.3

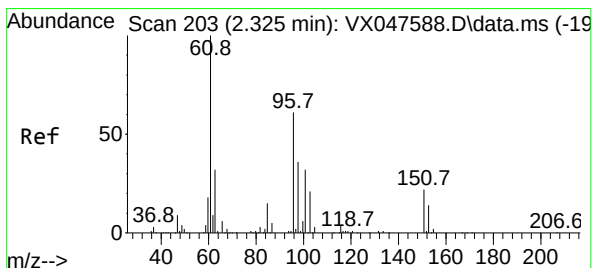
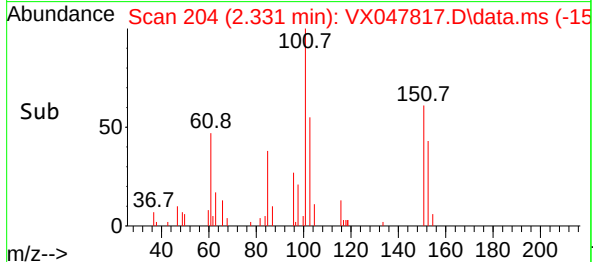
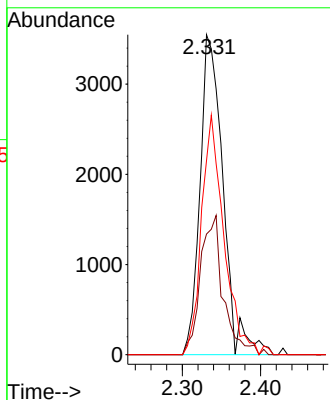
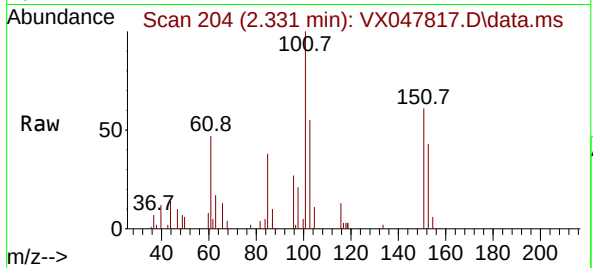




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.510 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

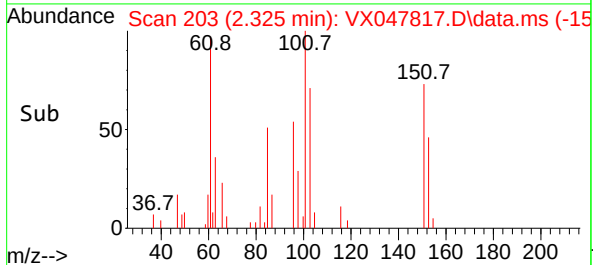
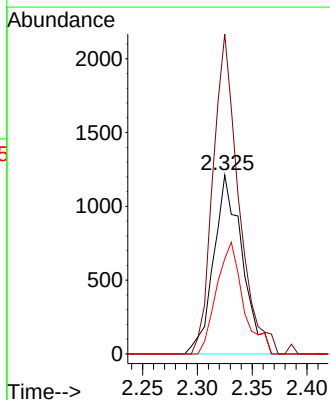
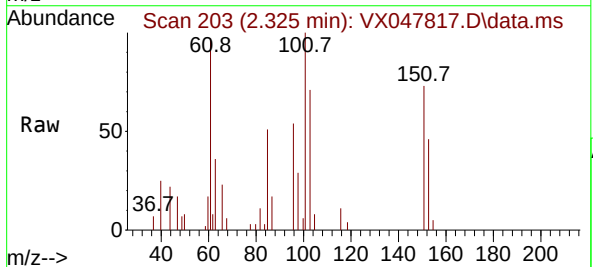
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20250915

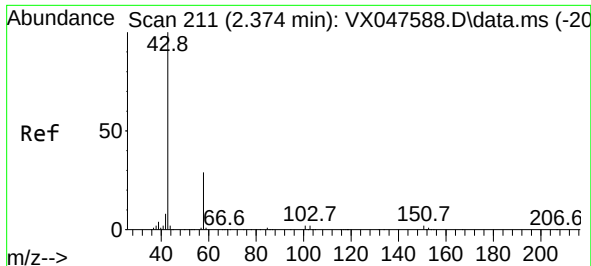
Tgt Ion:101 Resp: 7257
Ion Ratio Lower Upper
101 100
85 43.2 35.5 53.3
151 72.6 59.4 89.0



#12
1,1-Dichloroethene
Concen: 1.615 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

Tgt Ion: 96 Resp: 2185
Ion Ratio Lower Upper
96 100
61 178.9 131.0 196.6
98 53.2 47.7 71.5

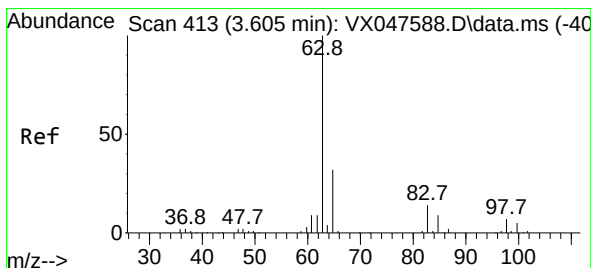
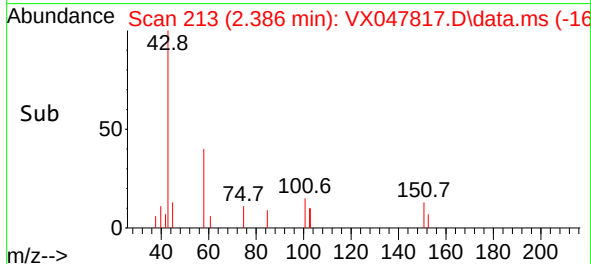
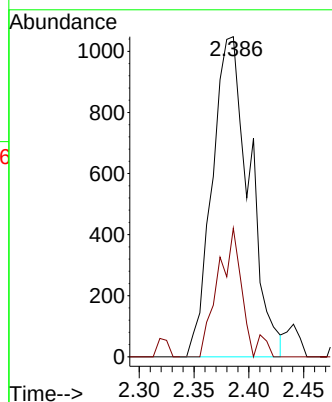
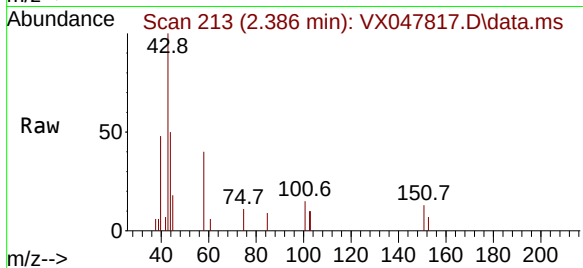




#16
Acetone
Concen: 3.154 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

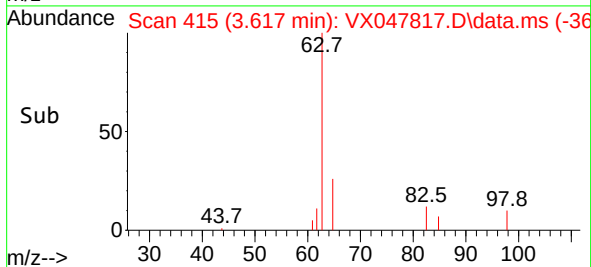
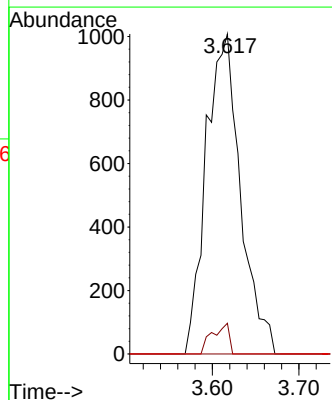
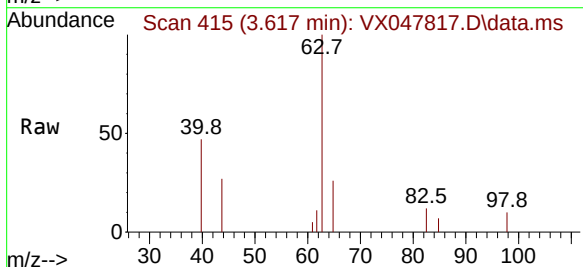
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20250915

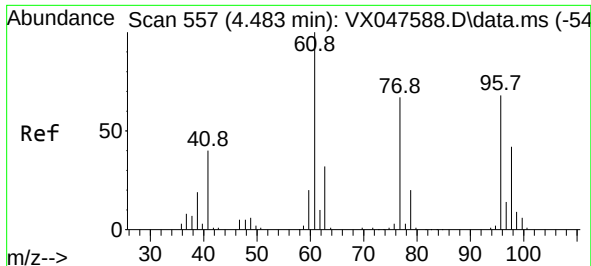
Tgt Ion: 43 Resp: 2486
Ion Ratio Lower Upper
43 100
58 40.2 23.4 35.0#



#24
1,1-Dichloroethane
Concen: 0.966 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.012 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

Tgt Ion: 63 Resp: 2779
Ion Ratio Lower Upper
63 100
98 9.6 3.8 11.2
100 0.0 2.3 6.9#

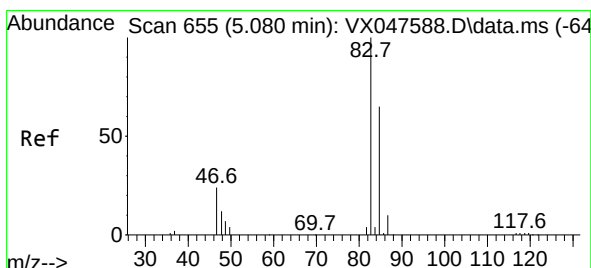
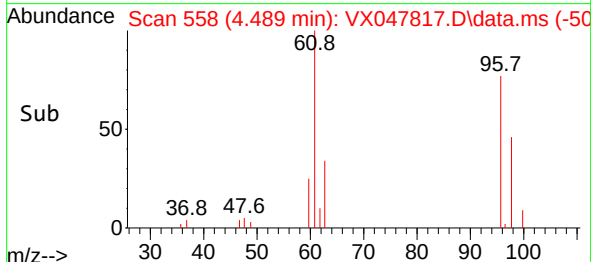
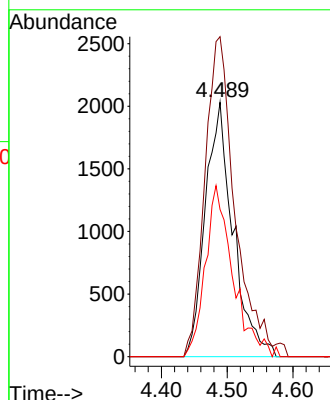
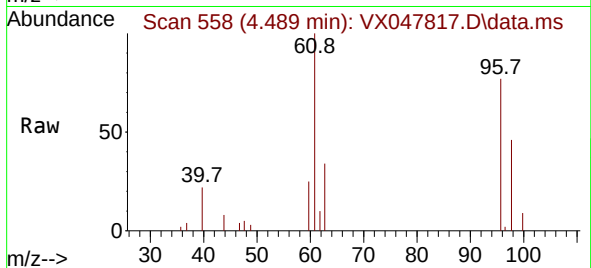




#27
cis-1,2-Dichloroethene
Concen: 3.347 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

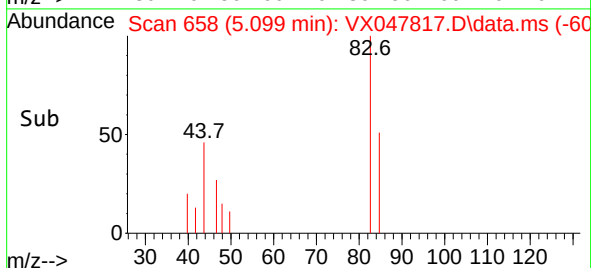
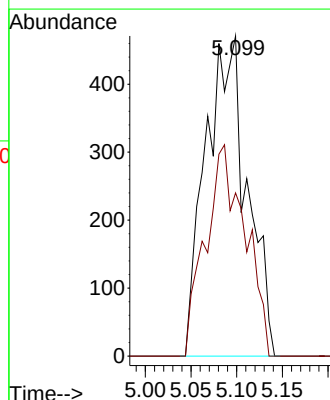
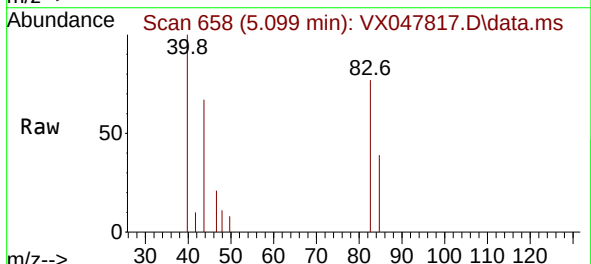
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20250915

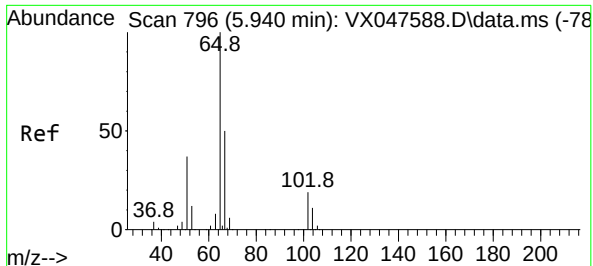
Tgt Ion: 96 Resp: 5971
Ion Ratio Lower Upper
96 100
61 137.2 0.0 303.2
98 66.9 0.0 127.8



#30
Chloroform
Concen: 0.512 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.018 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

Tgt Ion: 83 Resp: 1488
Ion Ratio Lower Upper
83 100
85 51.0 51.8 77.6#





#33

1,2-Dichloroethane-d4

Concen: 54.678 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047817.D

Acq: 25 Sep 2025 17:03

Instrument :

MSVOA_X

ClientSampleId :

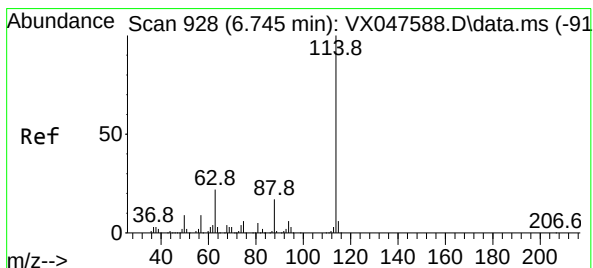
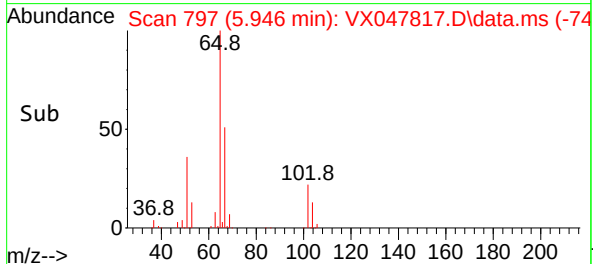
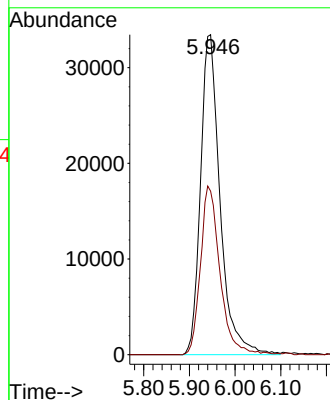
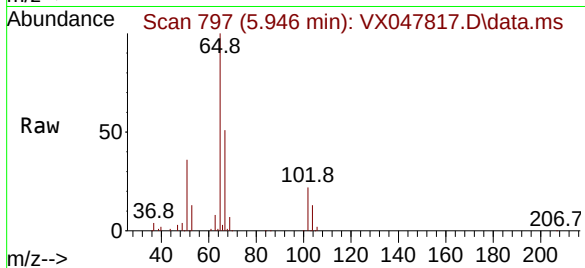
DUP08-20250915

Tgt Ion: 65 Resp: 99112

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047817.D

Acq: 25 Sep 2025 17:03

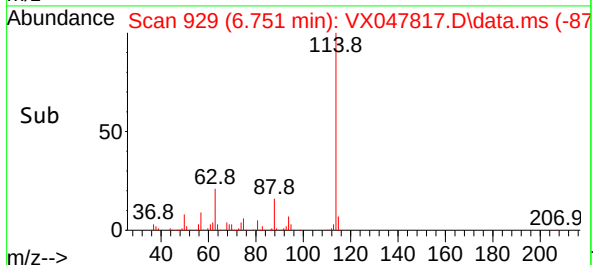
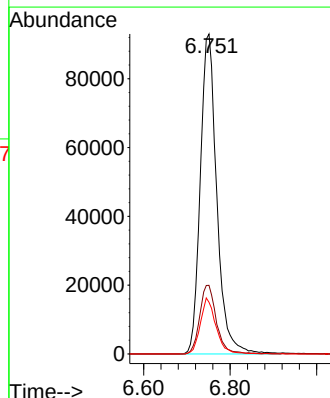
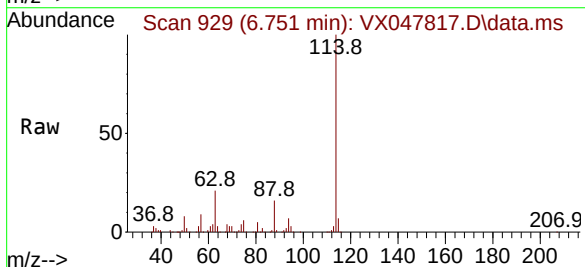
Tgt Ion: 114 Resp: 245918

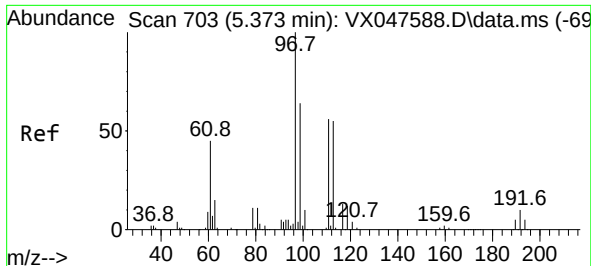
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.0

88 16.2 0.0 34.2

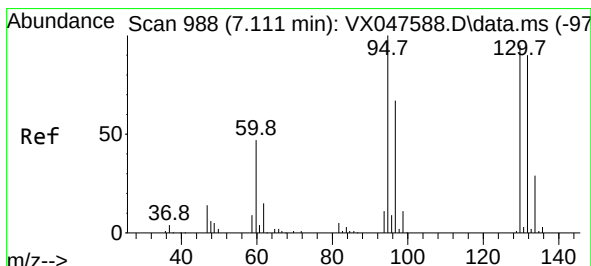
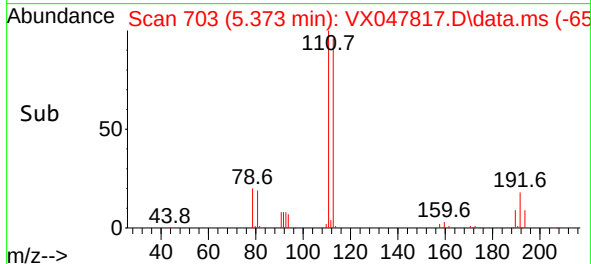
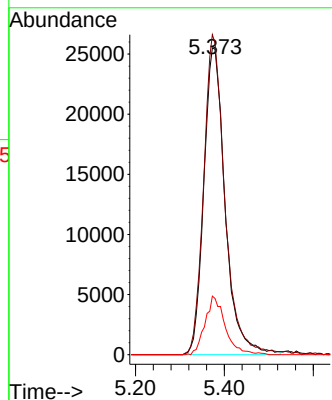
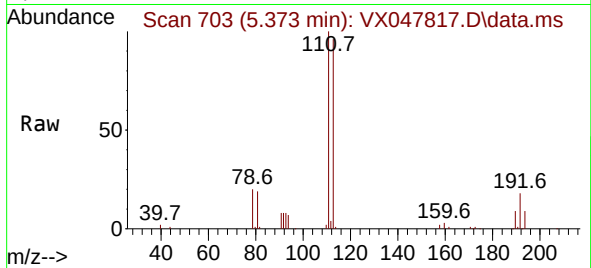




#35
Dibromofluoromethane
Concen: 51.694 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

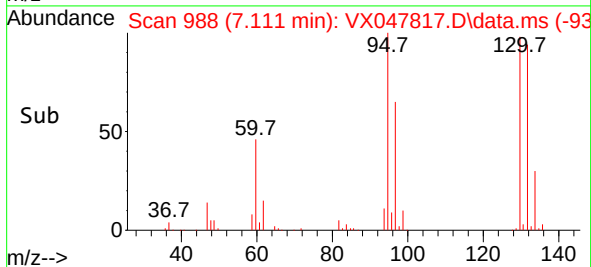
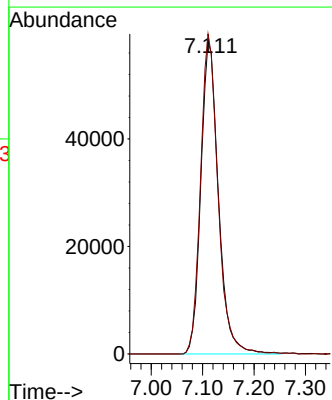
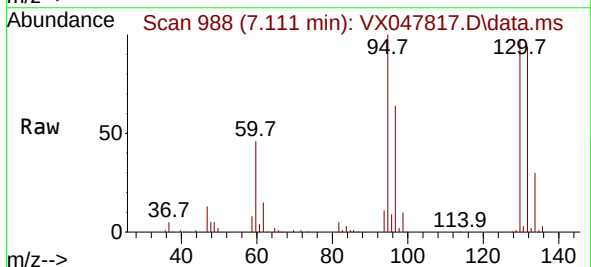
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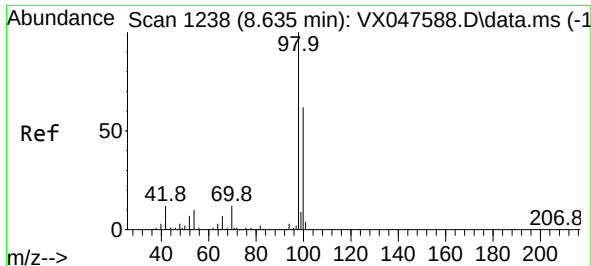
Tgt Ion:113 Resp: 85257
Ion Ratio Lower Upper
113 100
111 103.8 80.9 121.3
192 17.9 14.2 21.4



#44
Trichloroethene
Concen: 78.115 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

Tgt Ion:130 Resp: 138235
Ion Ratio Lower Upper
130 100
95 102.4 0.0 210.8

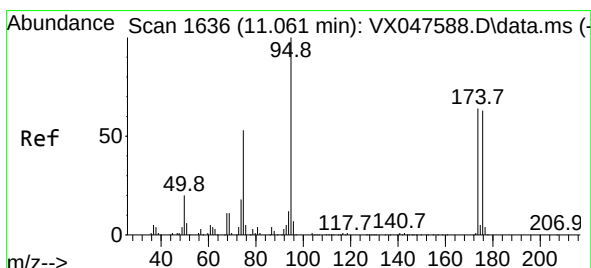
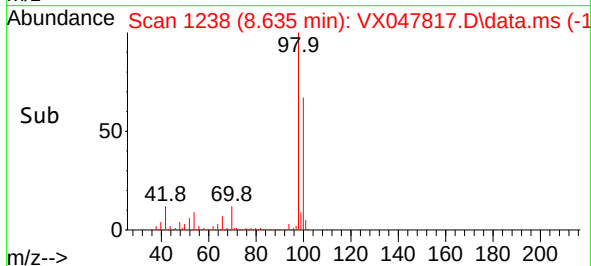
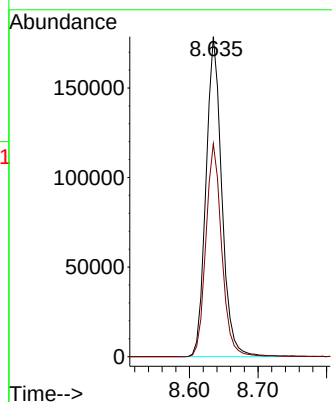
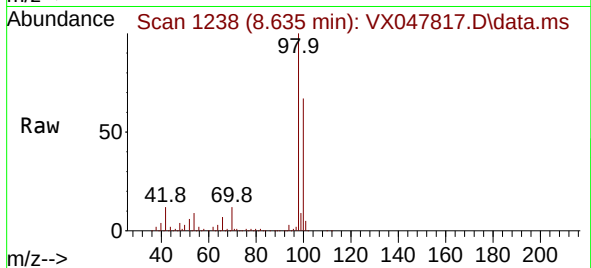




#50
Toluene-d8
Concen: 50.292 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

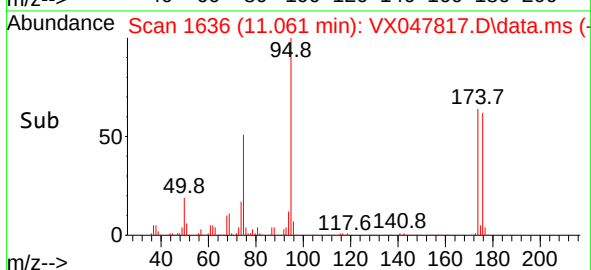
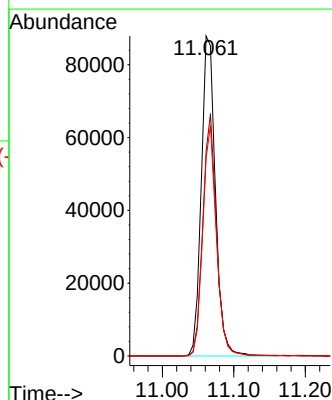
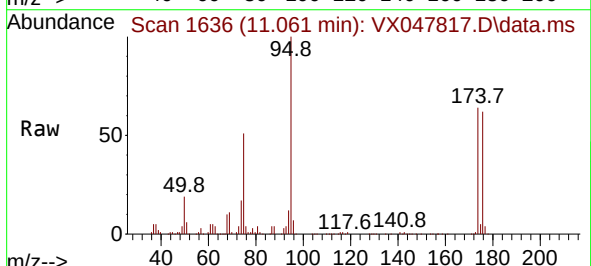
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20250915

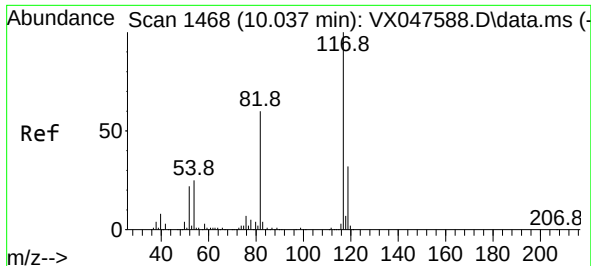
Tgt Ion: 98 Resp: 287005
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.577 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

Tgt Ion: 95 Resp: 120370
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.6
176 69.8 0.0 138.4

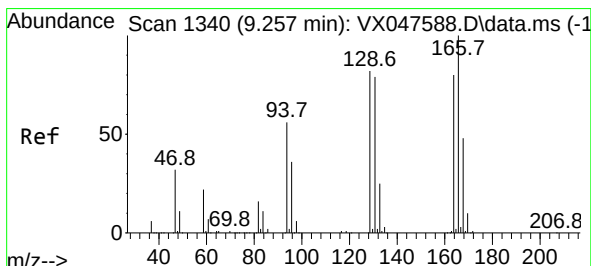
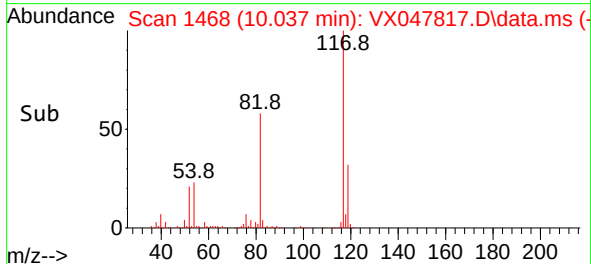
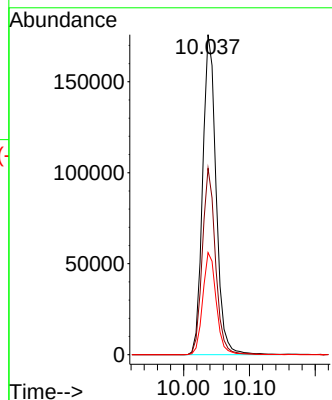
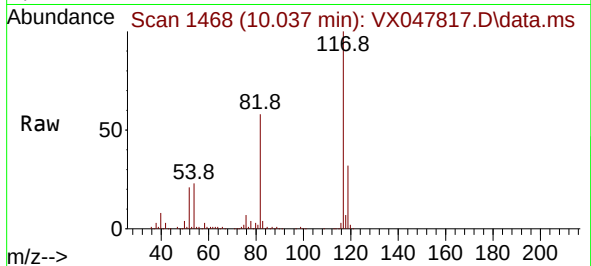




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

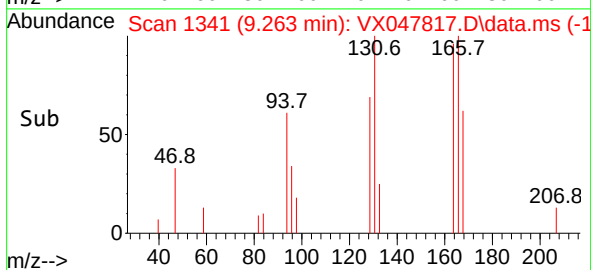
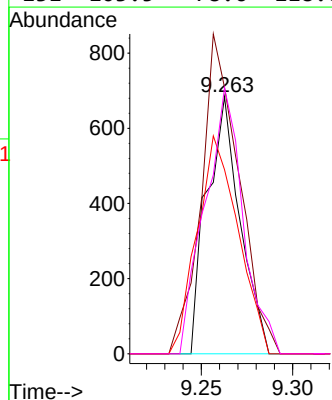
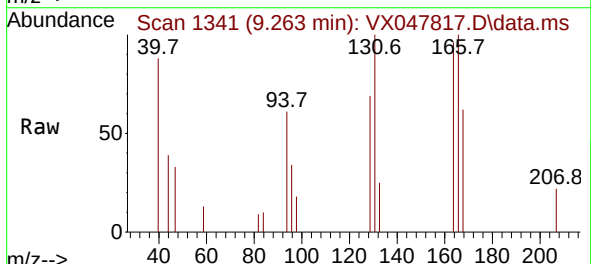
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20250915

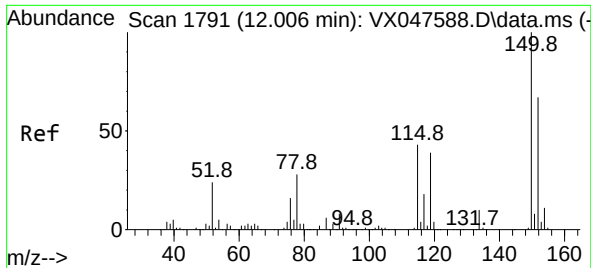
Tgt Ion:117 Resp: 250155
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.6
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 0.528 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047817.D
Acq: 25 Sep 2025 17:03

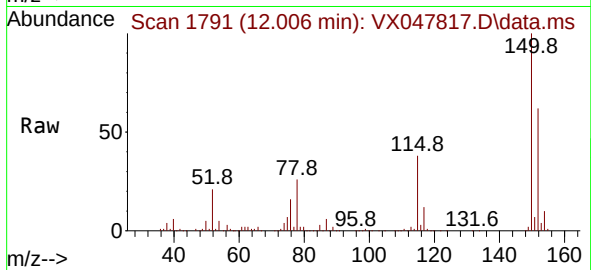
Tgt Ion:164 Resp: 861
Ion Ratio Lower Upper
164 100
166 103.7 100.2 150.2
129 71.6 81.8 122.6#
131 103.5 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047817.D
 Acq: 25 Sep 2025 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP08-20250915



Tgt Ion:152 Resp: 122323
 Ion Ratio Lower Upper
 152 100
 115 62.7 44.9 134.5
 150 160.1 0.0 352.0

