

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047831.D
 Acq On : 26 Sep 2025 04:13
 Operator : JC/MD
 Sample : Q3156-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT190D1-20250918

Quant Time: Sep 26 06:54:02 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)

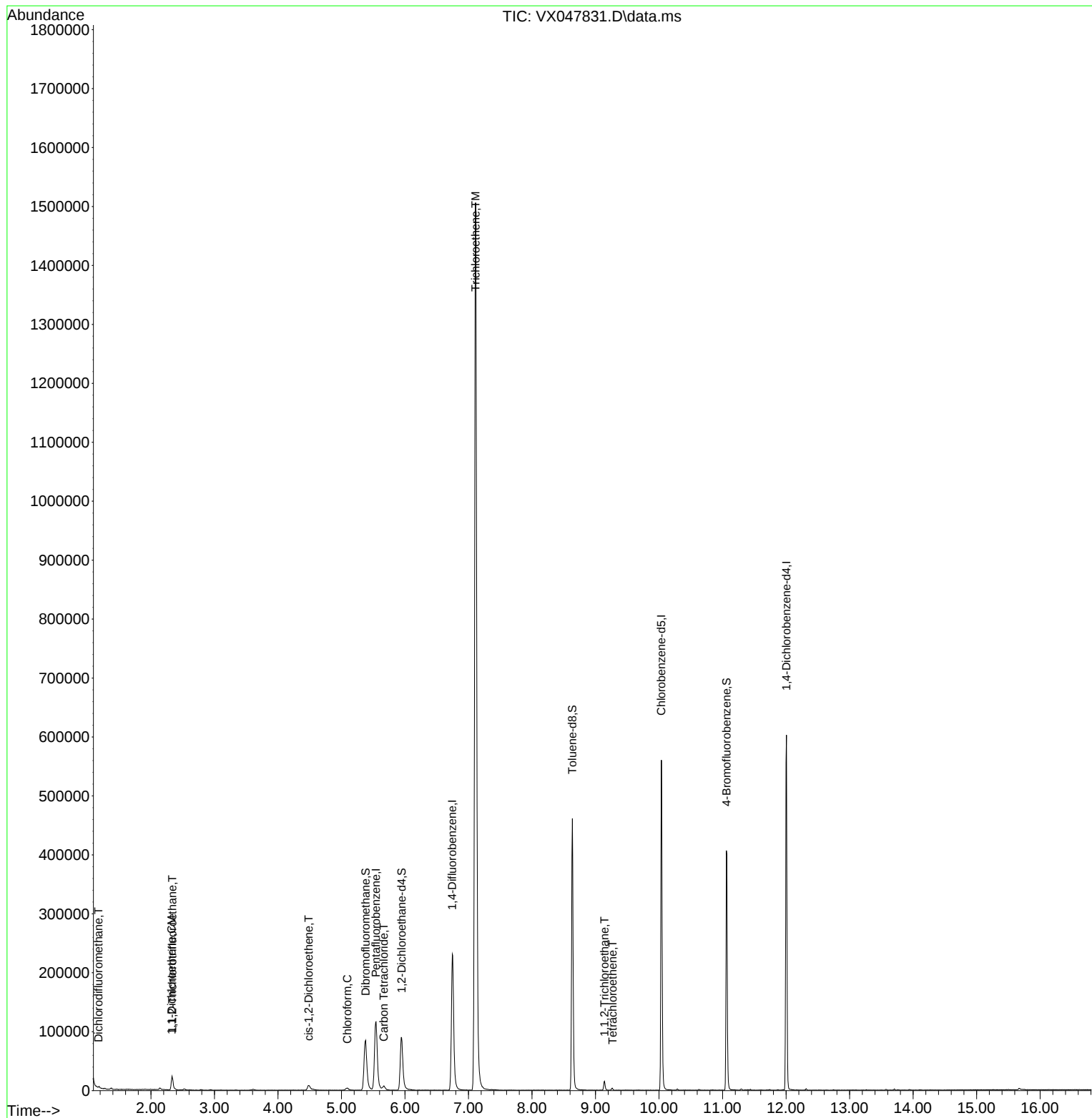
Internal Standards						
1) Pentafluorobenzene	5.544	168	118821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	254440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	254828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98090	51.863	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.720%
35) Dibromofluoromethane	5.379	113	83067	48.679	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.360%
50) Toluene-d8	8.635	98	284896	48.250	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.500%
62) 4-Bromofluorobenzene	11.061	95	118134	52.718	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	341	0.277	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.337	101	7169	5.216	ug/l	96
12) 1,1-Dichloroethene	2.325	96	3914	2.773	ug/l	86
27) cis-1,2-Dichloroethene	4.483	96	6168	3.314	ug/l	90
30) Chloroform	5.092	83	5333	1.759	ug/l	94
38) Carbon Tetrachloride	5.666	117	6032	2.226	ug/l	92
44) Trichloroethene	7.110	130	628965	343.518	ug/l	96
55) 1,1,2-Trichloroethane	9.141	97	4315	2.398	ug/l #	92
64) Tetrachloroethene	9.269	164	496	0.299	ug/l	93

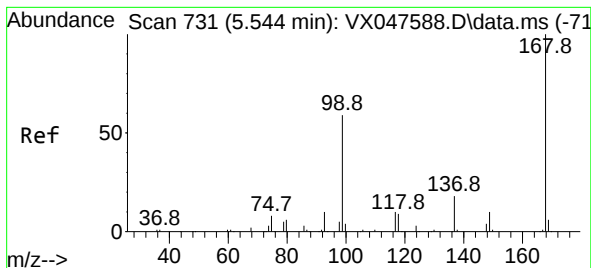
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX047831.D

Acq: 26 Sep 2025 04:13

Instrument :

MSVOA_X

ClientSampleId :

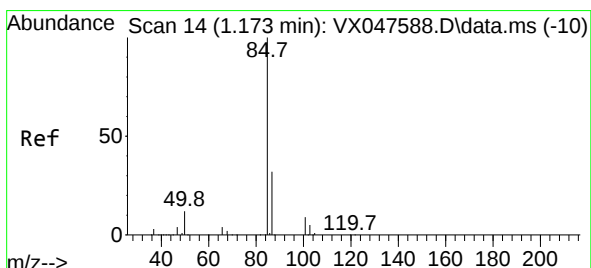
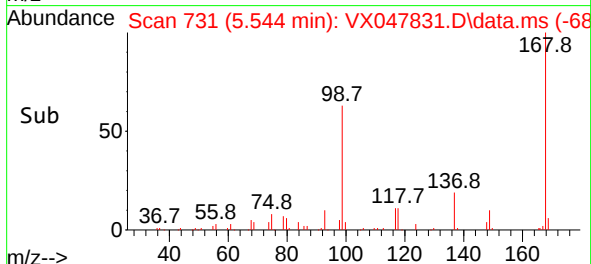
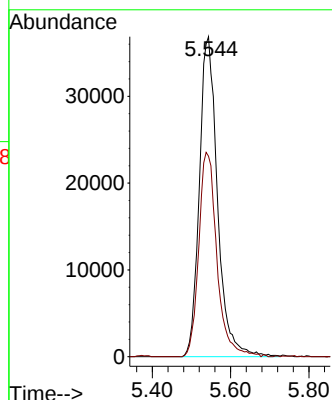
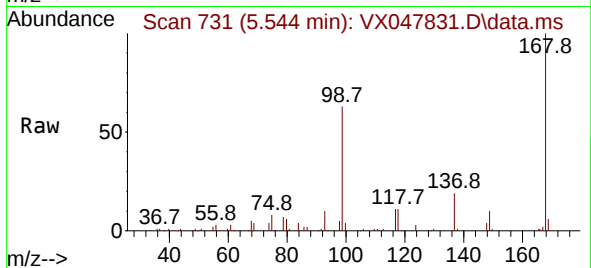
TT190D1-20250918

Tgt Ion:168 Resp: 118821

Ion Ratio Lower Upper

168 100

99 62.6 48.8 73.2



#2

Dichlorodifluoromethane

Concen: 0.277 ug/l

RT: 1.172 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX047831.D

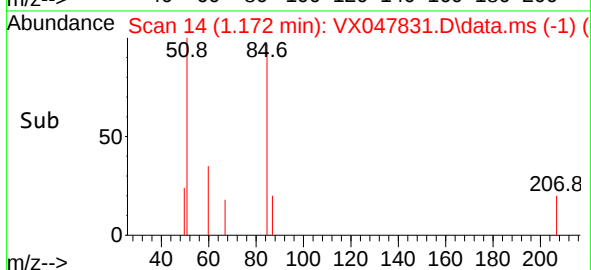
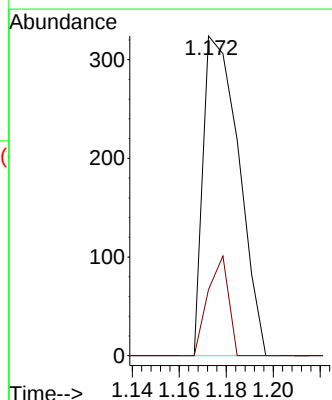
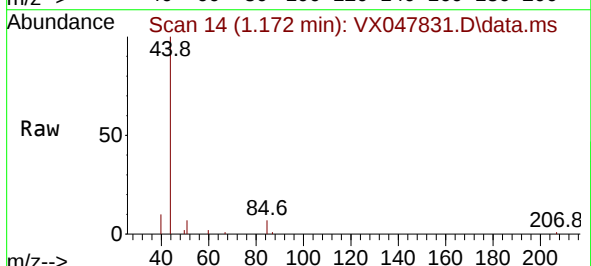
Acq: 26 Sep 2025 04:13

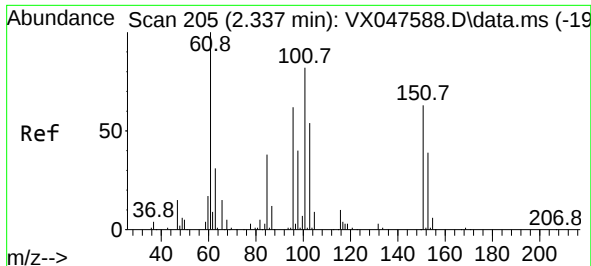
Tgt Ion: 85 Resp: 341

Ion Ratio Lower Upper

85 100

87 20.7 15.8 47.3

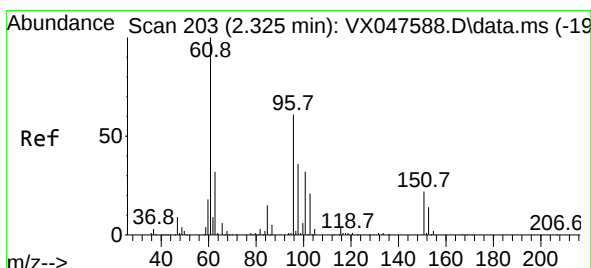
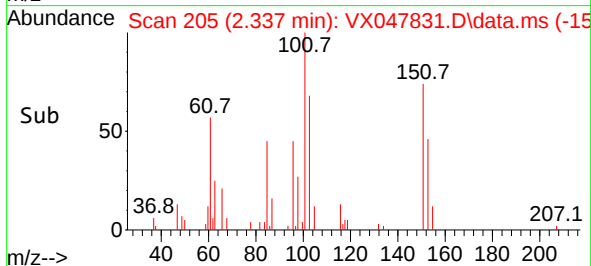
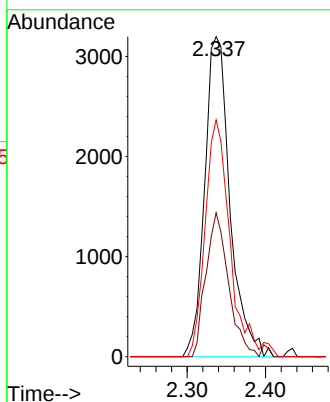
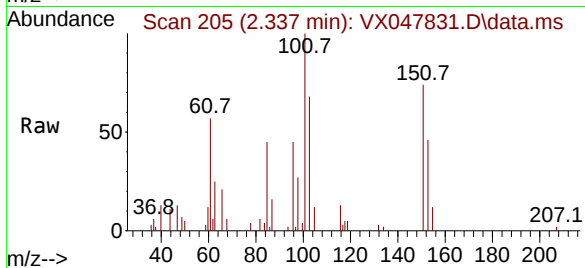




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.216 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. -0.000 min
 Lab File: VX047831.D
 Acq: 26 Sep 2025 04:13

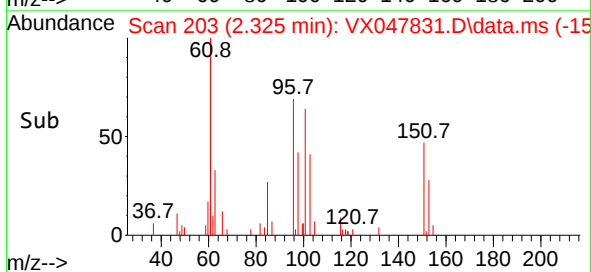
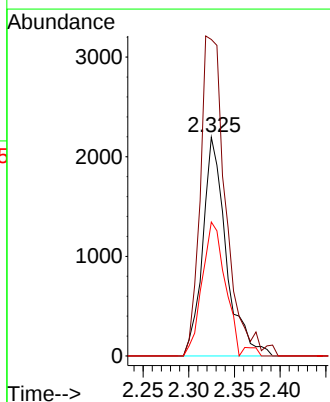
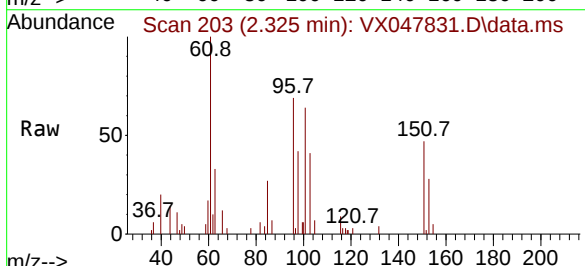
Instrument :
 MSVOA_X
 ClientSampleId :
 TT190D1-20250918

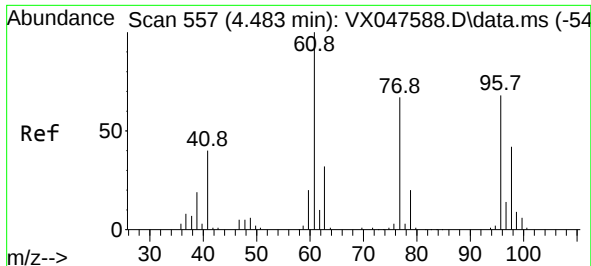
Tgt Ion:	101	Resp:	7169
Ion	Ratio	Lower	Upper
101	100		
85	40.3	35.5	53.3
151	71.4	59.4	89.0



#12
 1,1-Dichloroethene
 Concen: 2.773 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX047831.D
 Acq: 26 Sep 2025 04:13

Tgt Ion:	96	Resp:	3914
Ion	Ratio	Lower	Upper
96	100		
61	139.2	131.0	196.6
98	58.9	47.7	71.5

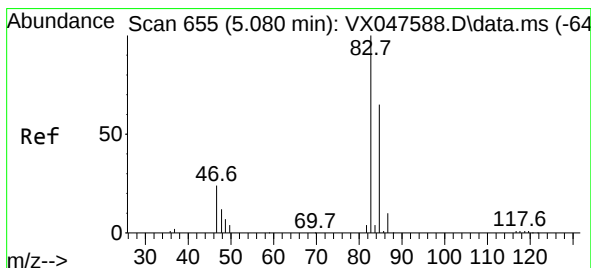
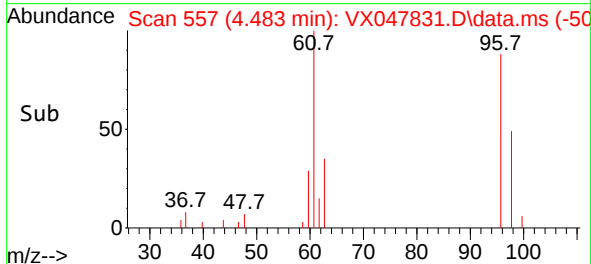
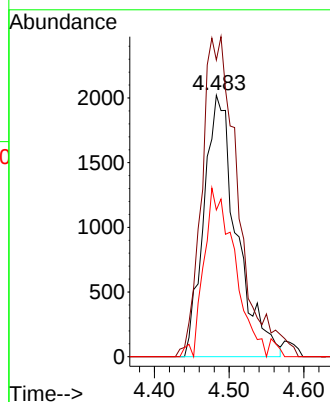
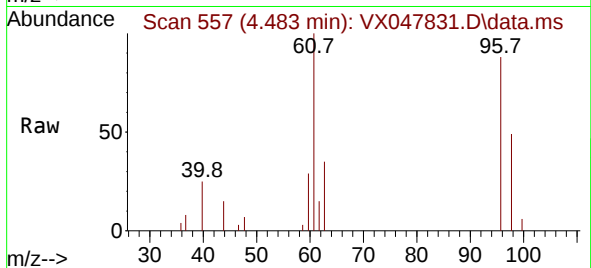




#27
cis-1,2-Dichloroethene
Concen: 3.314 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX047831.D
Acq: 26 Sep 2025 04:13

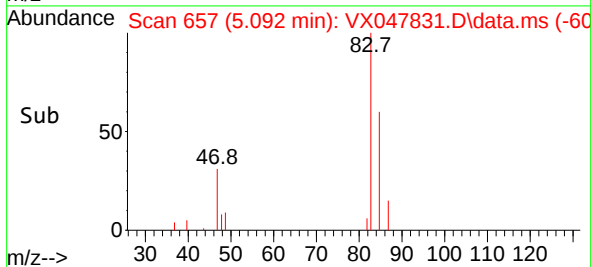
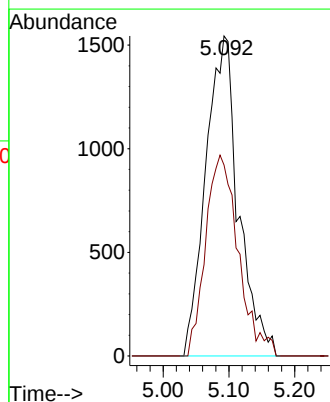
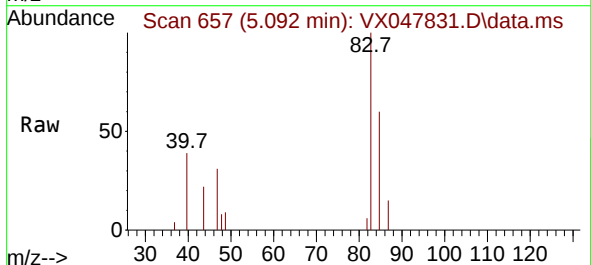
Instrument :
MSVOA_X
ClientSampleId :
TT190D1-20250918

Tgt Ion: 96 Resp: 6168
Ion Ratio Lower Upper
96 100
61 135.7 0.0 303.2
98 60.4 0.0 127.8



#30
Chloroform
Concen: 1.759 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX047831.D
Acq: 26 Sep 2025 04:13

Tgt Ion: 83 Resp: 5333
Ion Ratio Lower Upper
83 100
85 59.7 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 51.863 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047831.D

Acq: 26 Sep 2025 04:13

Instrument :

MSVOA_X

ClientSampleId :

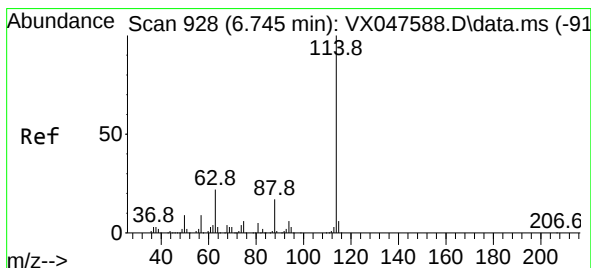
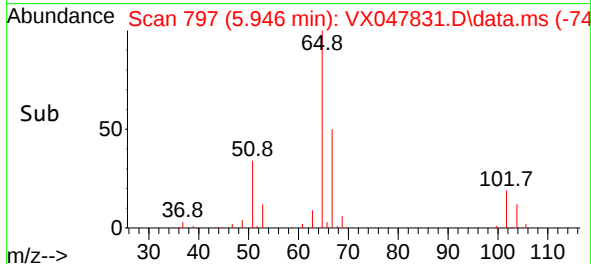
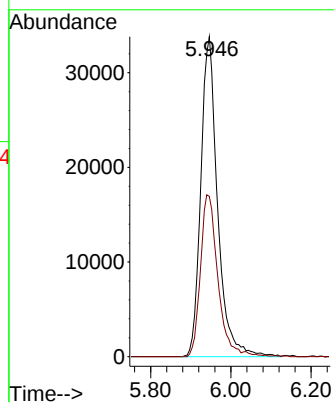
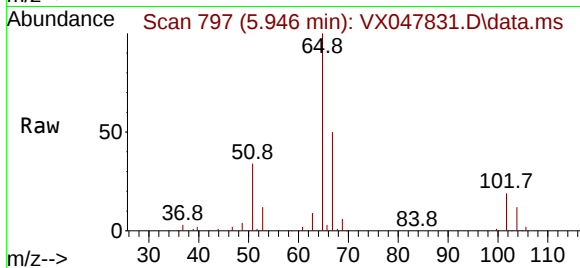
TT190D1-20250918

Tgt Ion: 65 Resp: 98090

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047831.D

Acq: 26 Sep 2025 04:13

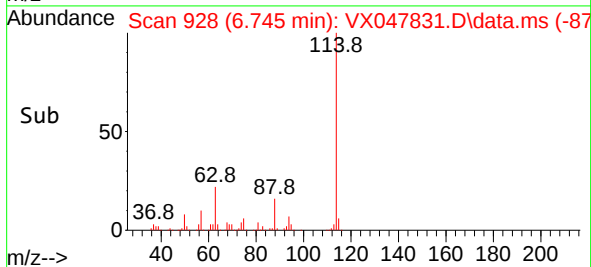
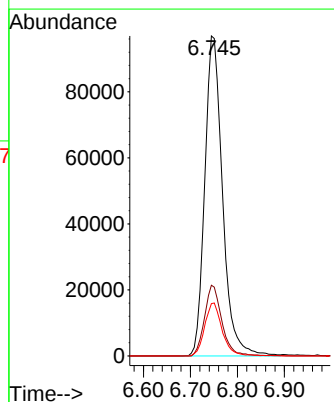
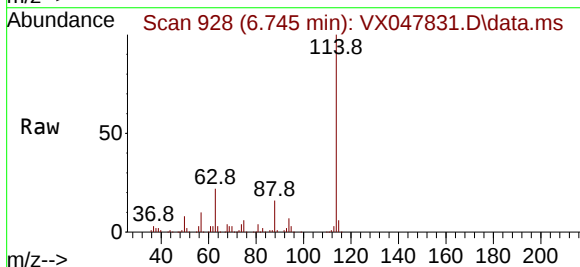
Tgt Ion: 114 Resp: 254440

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.0

88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.679 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047831.D

Acq: 26 Sep 2025 04:13

Instrument :

MSVOA_X

ClientSampleId :

TT190D1-20250918

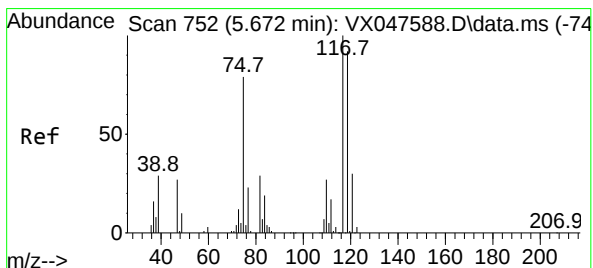
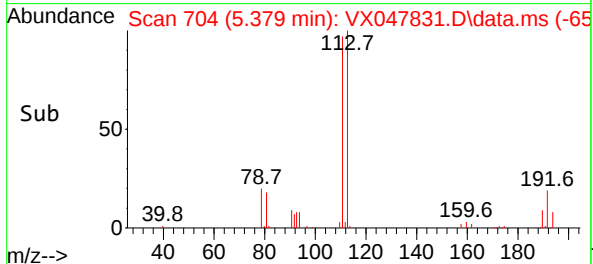
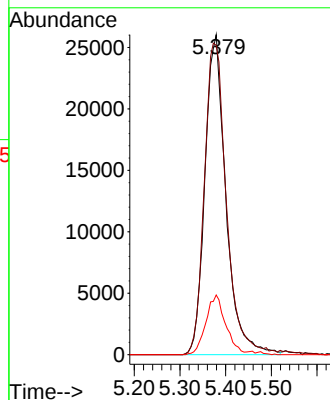
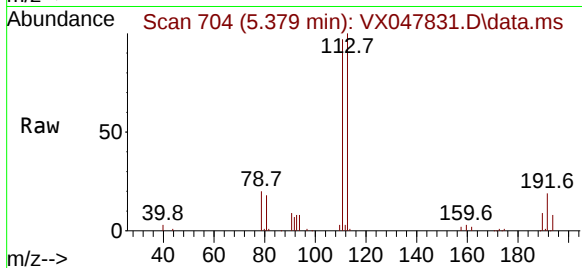
Tgt Ion:113 Resp: 83067

Ion Ratio Lower Upper

113 100

111 102.1 80.9 121.3

192 17.7 14.2 21.4



#38

Carbon Tetrachloride

Concen: 2.226 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX047831.D

Acq: 26 Sep 2025 04:13

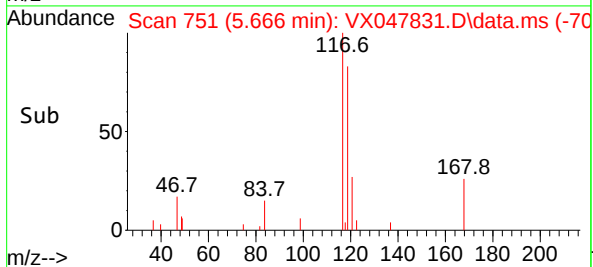
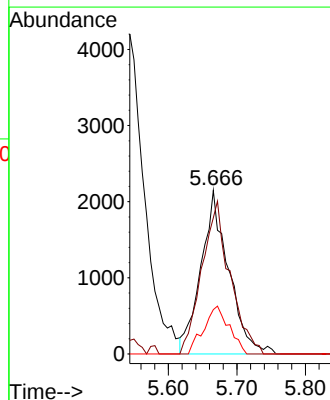
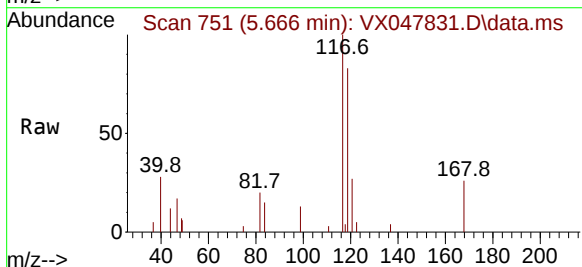
Tgt Ion:117 Resp: 6032

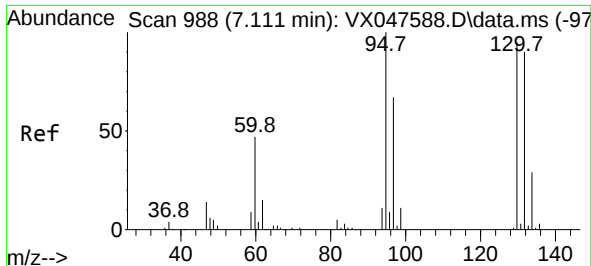
Ion Ratio Lower Upper

117 100

119 83.3 73.4 110.2

121 27.1 23.8 35.6

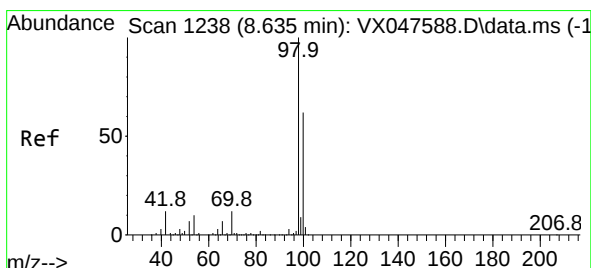
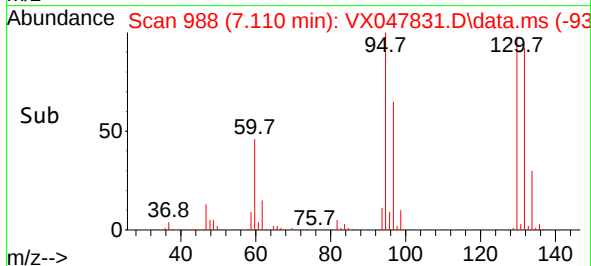
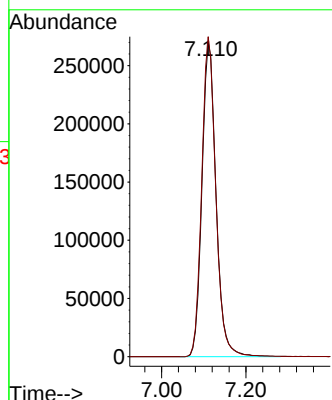
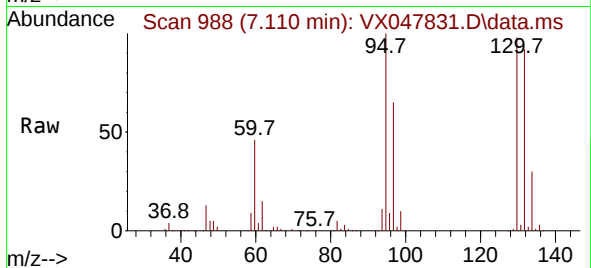




#44
Trichloroethene
Concen: 343.518 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047831.D
Acq: 26 Sep 2025 04:13

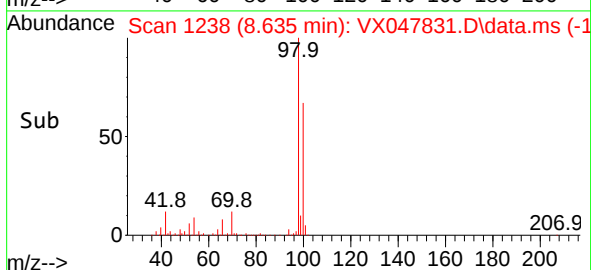
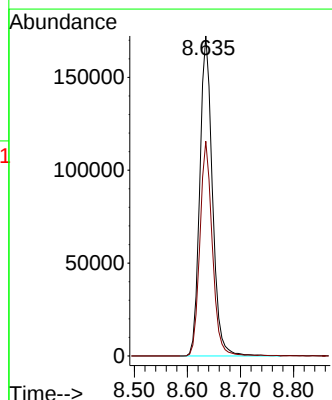
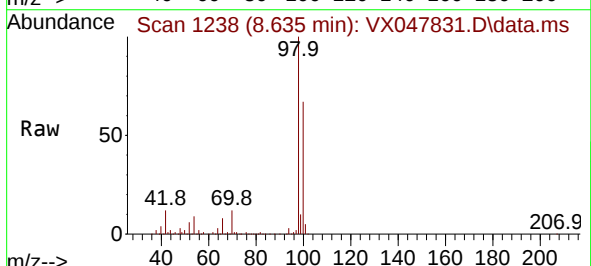
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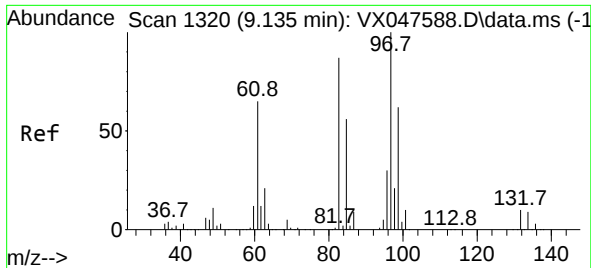
Tgt Ion:130 Resp: 628965
Ion Ratio Lower Upper
130 100
95 101.6 0.0 210.8



#50
Toluene-d8
Concen: 48.250 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047831.D
Acq: 26 Sep 2025 04:13

Tgt Ion: 98 Resp: 284896
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

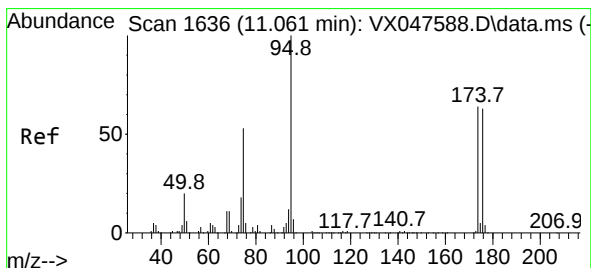
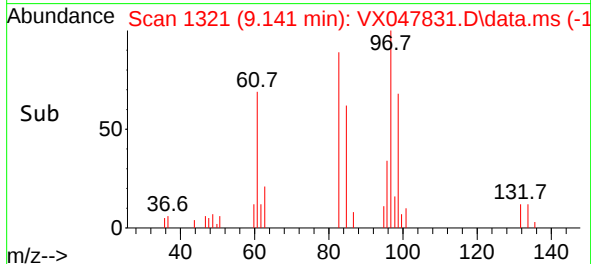
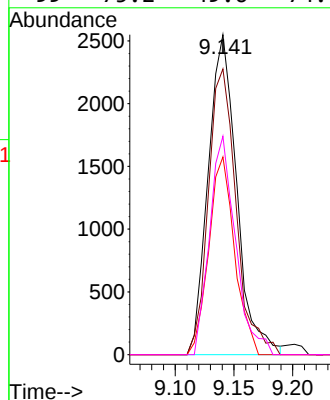
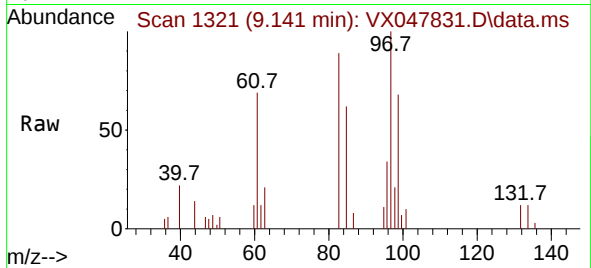




#55
 1,1,2-Trichloroethane
 Concen: 2.398 ug/l
 RT: 9.141 min Scan# 1320
 Delta R.T. 0.006 min
 Lab File: VX047831.D
 Acq: 26 Sep 2025 04:13

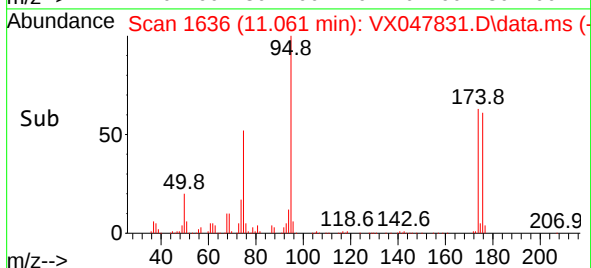
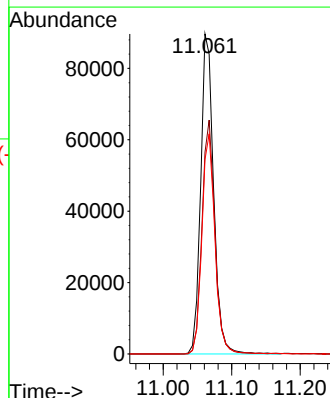
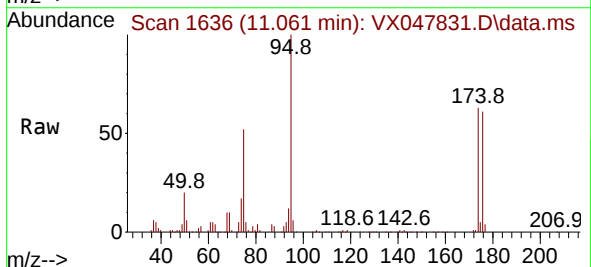
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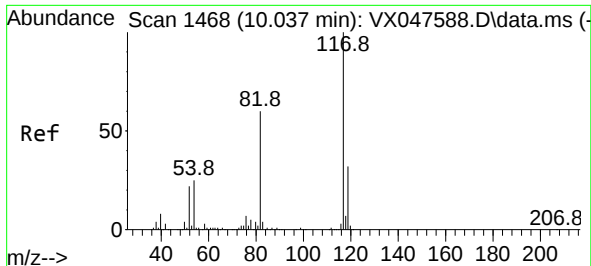
Tgt Ion:	97	Resp:	4315
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.6	104.4
85	61.8	45.0	67.6
99	75.2	49.6	74.4



#62
 4-Bromofluorobenzene
 Concen: 52.718 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.000 min
 Lab File: VX047831.D
 Acq: 26 Sep 2025 04:13

Tgt Ion:	95	Resp:	118134
Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	141.6
176	69.4	0.0	138.4

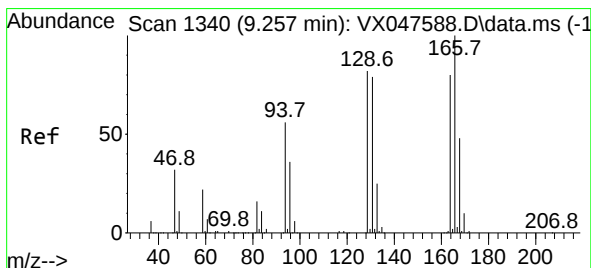
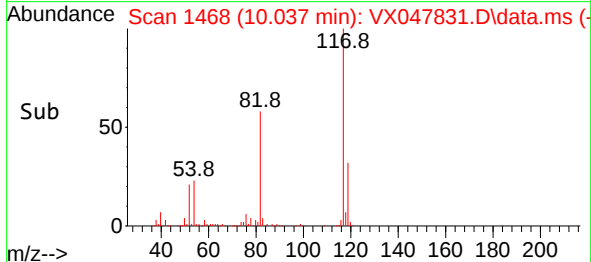
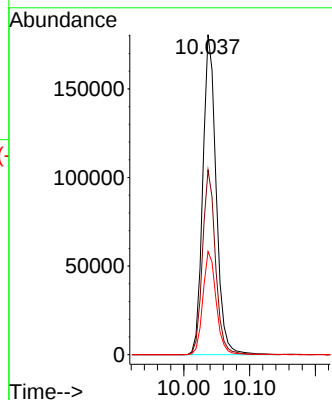
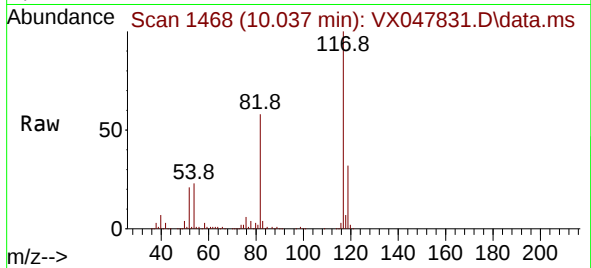




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047831.D
Acq: 26 Sep 2025 04:13

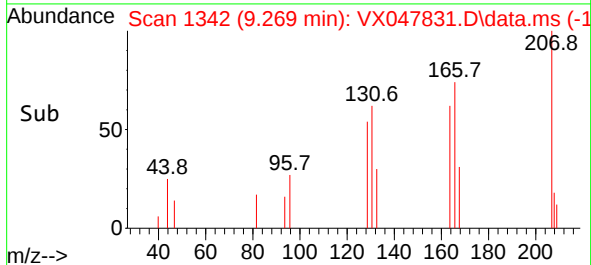
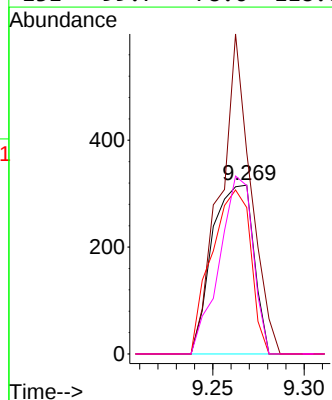
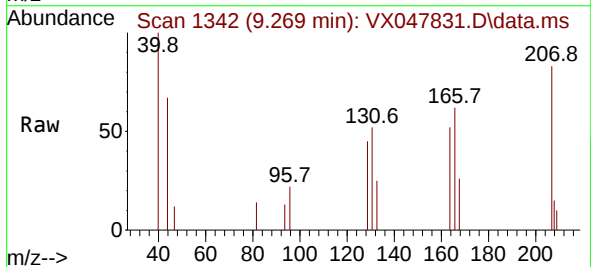
Instrument :
MSVOA_X
ClientSampleId :
TT190D1-20250918

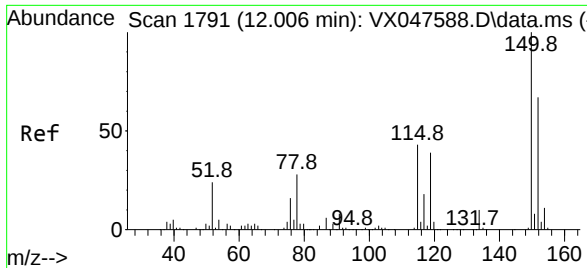
Tgt Ion:117 Resp: 254828
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.6
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 0.299 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.012 min
Lab File: VX047831.D
Acq: 26 Sep 2025 04:13

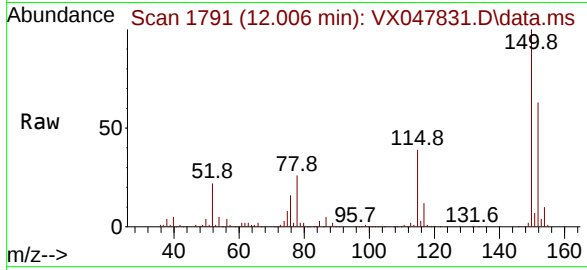
Tgt Ion:164 Resp: 496
Ion Ratio Lower Upper
164 100
166 119.3 100.2 150.2
129 86.7 81.8 122.6
131 99.7 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047831.D
 Acq: 26 Sep 2025 04:13

Instrument :
 MSVOA_X
 ClientSampleId :
 TT190D1-20250918



Tgt Ion:152 Resp: 125121
 Ion Ratio Lower Upper
 152 100
 115 63.1 44.9 134.5
 150 158.3 0.0 352.0

