

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032115.D
 Acq On : 22 Aug 2025 16:50
 Operator : SY/MD
 Sample : Q2933-03
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 29-SEPTIC

Quant Time: Aug 25 03:59:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

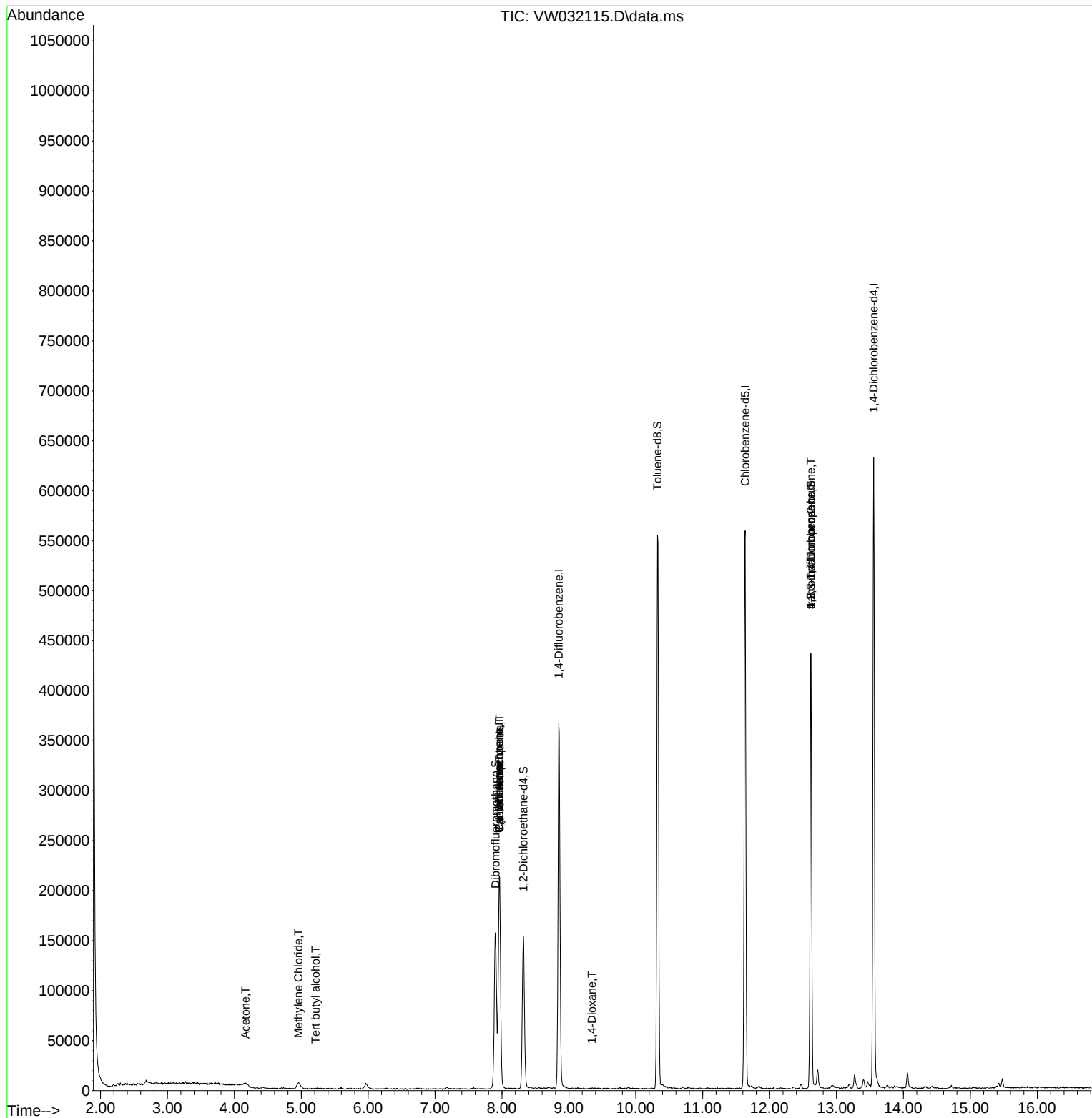
Internal Standards						
1) Pentafluorobenzene	7.959	168	153557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	304549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	300129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	160095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	125999	56.734	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 113.460%		
35) Dibromofluoromethane	7.904	113	111334	56.586	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 113.180%		
50) Toluene-d8	10.325	98	372831	51.233	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 102.460%		
62) 4-Bromofluorobenzene	12.617	95	133664	49.842	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 99.680%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.216	59	185	1.286	ug/l #	52
16) Acetone	4.167	43	4079	7.933	ug/l #	79
20) Methylene Chloride	4.960	84	5544	2.332	ug/l	91
31) Cyclohexane	7.959	56	4526	1.430	ug/l #	39
36) 1,1-Dichloropropene	7.959	75	13482	4.861	ug/l #	53
38) Carbon Tetrachloride	7.965	117	16992	6.348	ug/l #	20
49) 1,4-Dioxane	9.343	88	72	4.142	ug/l #	1
76) 1,2,3-Trichloropropane	12.617	75	74319	34.203	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	74319	88.549	ug/l #	9

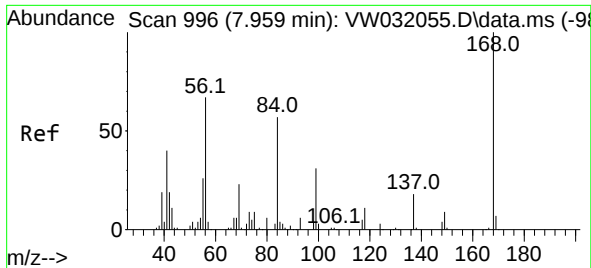
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

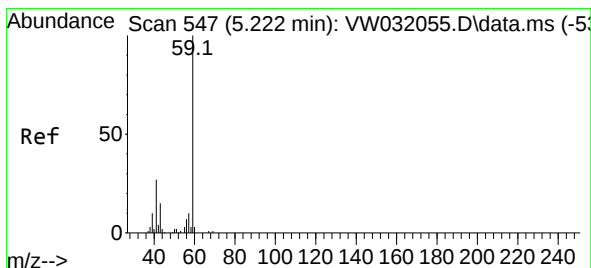
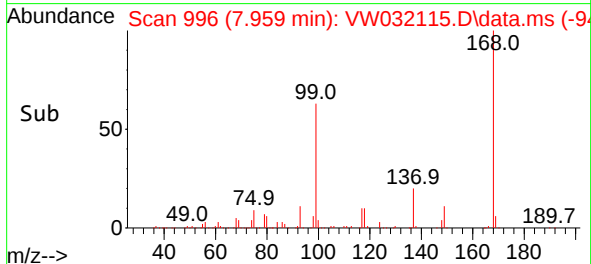
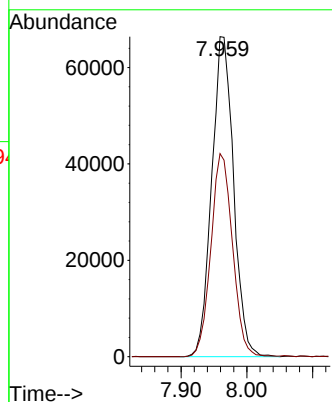
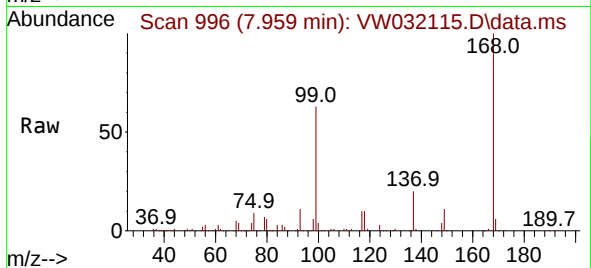




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032115.D
Acq: 22 Aug 2025 16:50

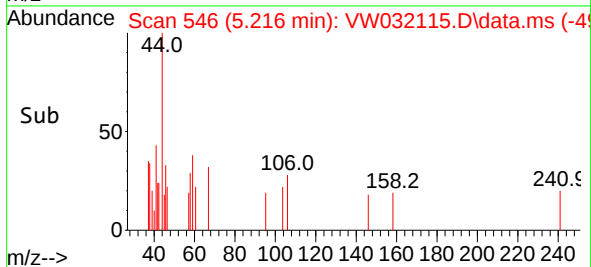
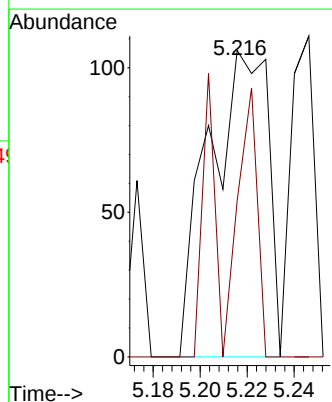
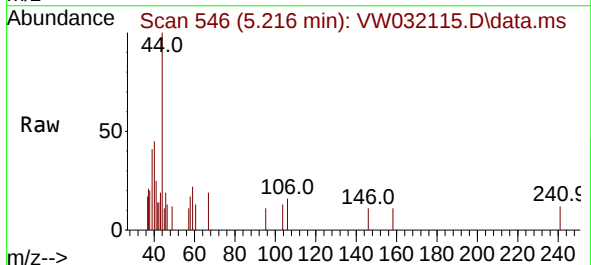
Instrument :
MSVOA_W
ClientSampleId :
29-SEPTIC

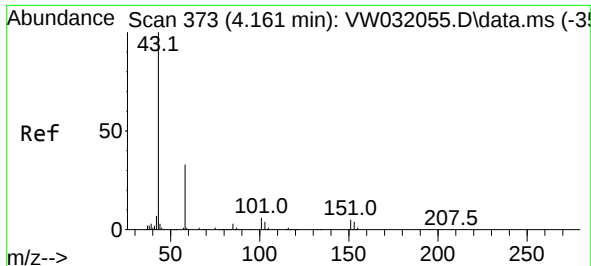
Tgt Ion:168 Resp: 153557
Ion Ratio Lower Upper
168 100
99 63.5 56.0 84.0



#11
Tert butyl alcohol
Concen: 1.286 ug/l
RT: 5.216 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032115.D
Acq: 22 Aug 2025 16:50

Tgt Ion: 59 Resp: 185
Ion Ratio Lower Upper
59 100
57 29.2 8.7 13.1#

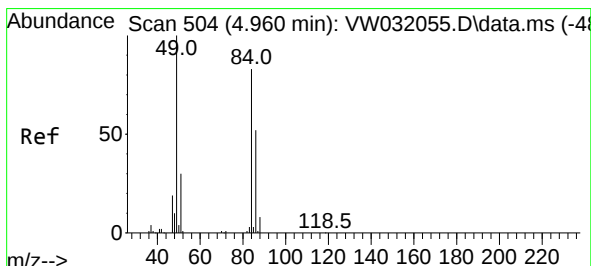
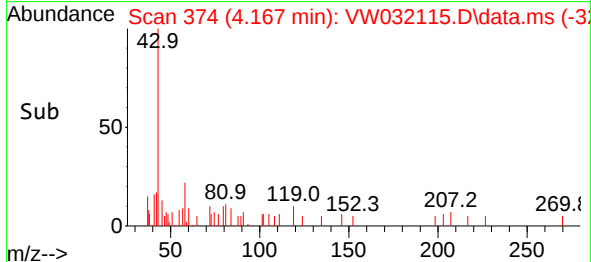
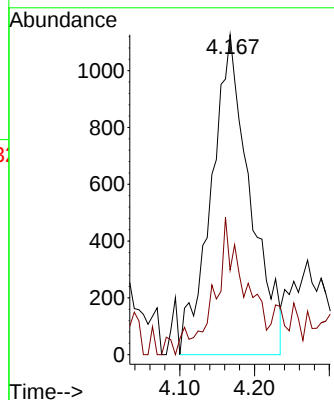
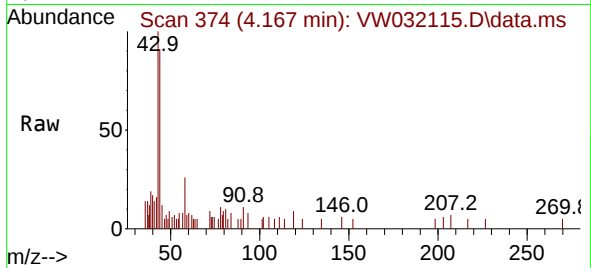




#16
Acetone
Concen: 7.933 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032115.D
Acq: 22 Aug 2025 16:50

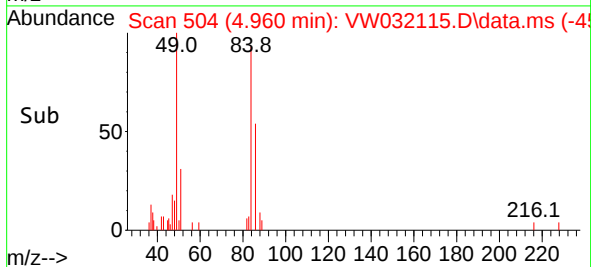
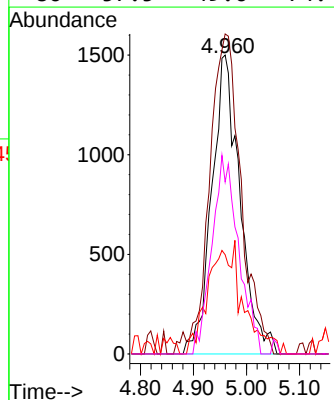
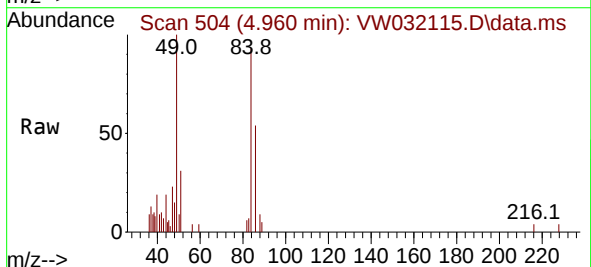
Instrument :
MSVOA_W
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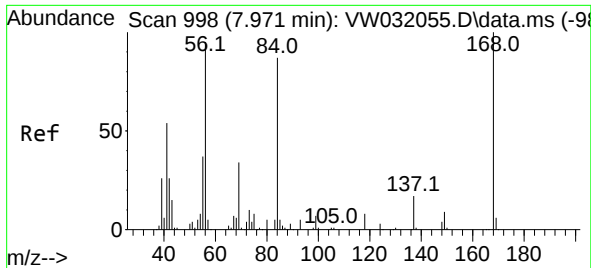
Tgt Ion: 43 Resp: 4079
Ion Ratio Lower Upper
43 100
58 21.5 26.6 39.8#



#20
Methylene Chloride
Concen: 2.332 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032115.D
Acq: 22 Aug 2025 16:50

Tgt Ion: 84 Resp: 5544
Ion Ratio Lower Upper
84 100
49 107.1 95.9 143.9
51 33.2 28.6 43.0
86 57.5 49.6 74.4

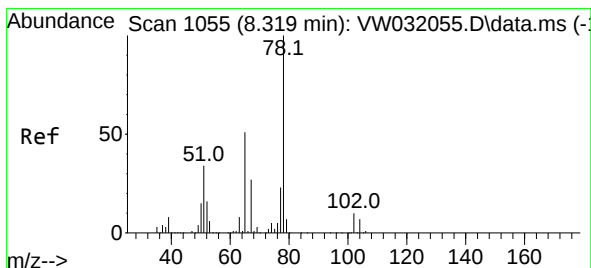
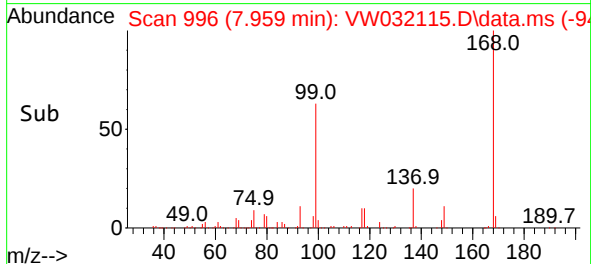
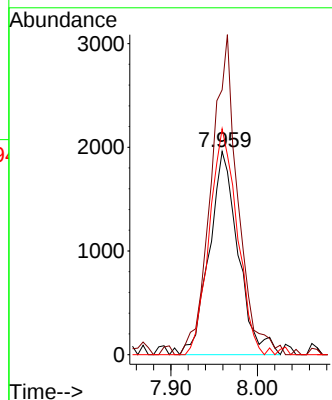
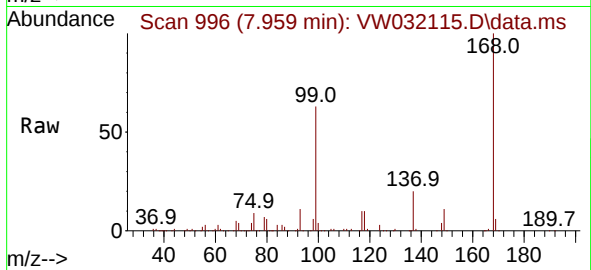




#31
Cyclohexane
Concen: 1.430 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032115.D
Acq: 22 Aug 2025 16:50

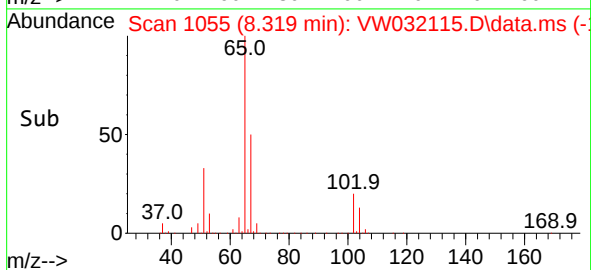
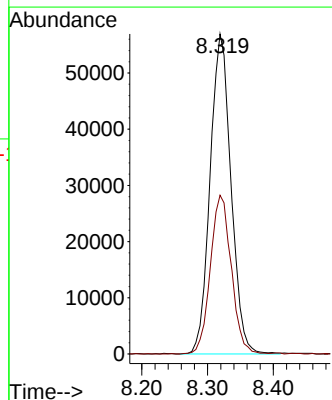
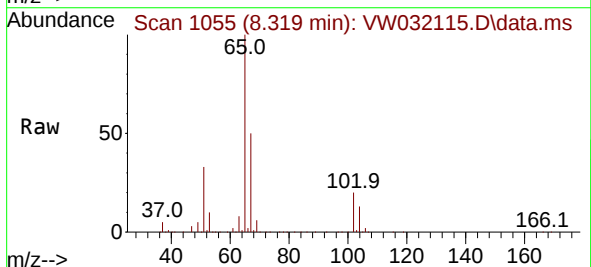
Instrument :
MSVOA_W
ClientSampleId :
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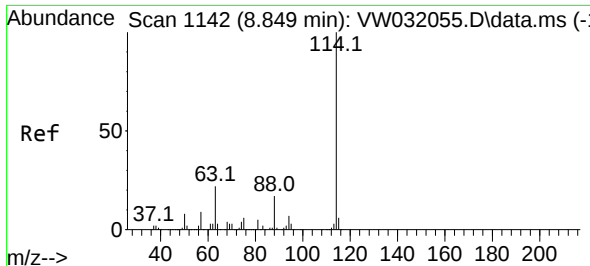
Tgt Ion: 56 Resp: 4526
Ion Ratio Lower Upper
56 100
69 130.4 28.6 42.8#
84 111.2 73.0 109.4#



#33
1,2-Dichloroethane-d4
Concen: 56.734 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032115.D
Acq: 22 Aug 2025 16:50

Tgt Ion: 65 Resp: 125999
Ion Ratio Lower Upper
65 100
67 49.5 0.0 102.4

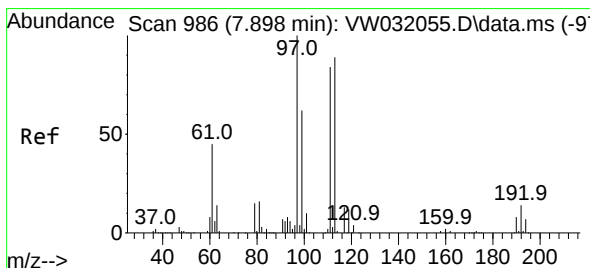
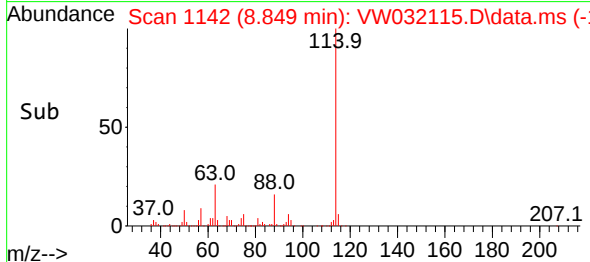
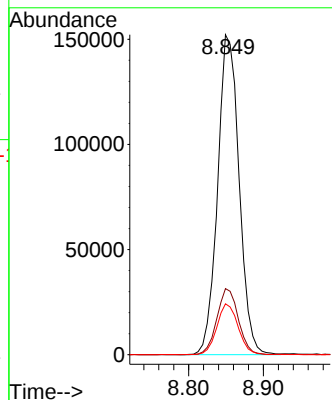
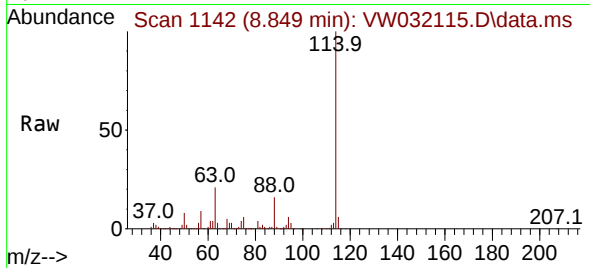




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032115.D
Acq: 22 Aug 2025 16:50

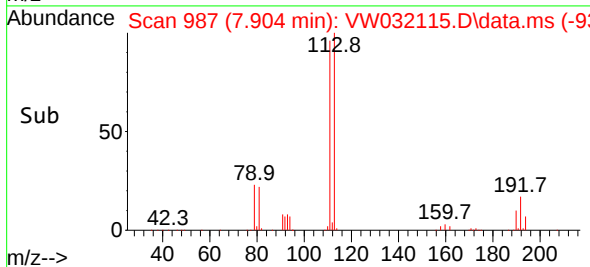
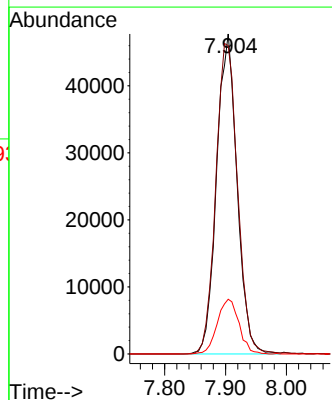
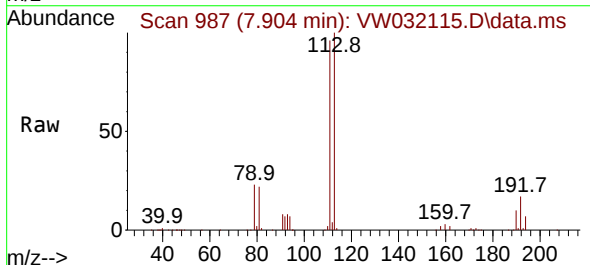
Instrument :
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ClientSampleId :
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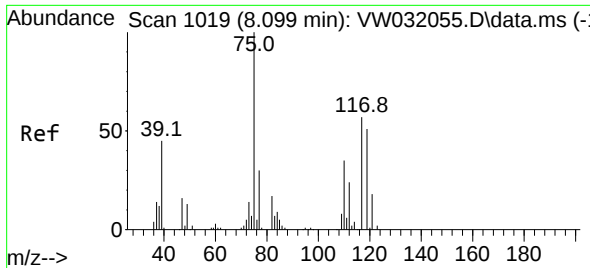
Tgt Ion:114 Resp: 304549
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.0
88 15.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 56.586 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.006 min
Lab File: VW032115.D
Acq: 22 Aug 2025 16:50

Tgt Ion:113 Resp: 111334
Ion Ratio Lower Upper
113 100
111 103.1 80.1 120.1
192 18.1 13.1 19.7

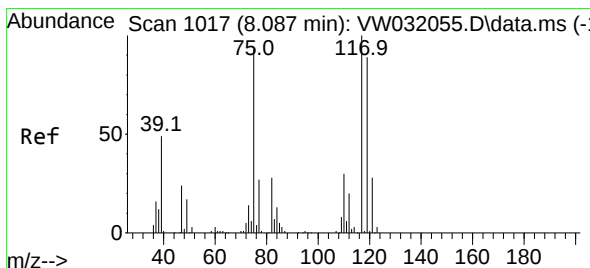
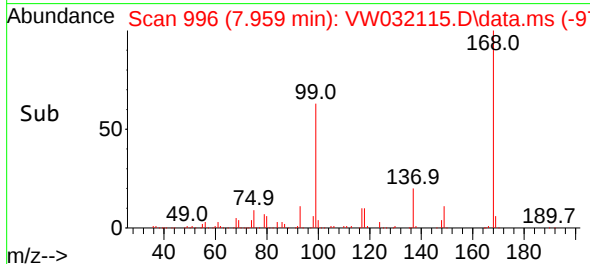
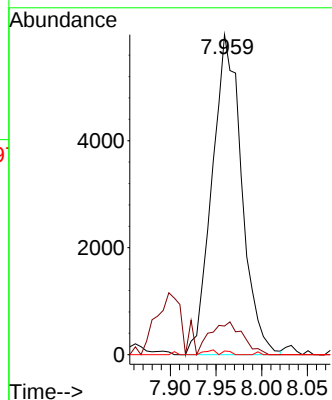
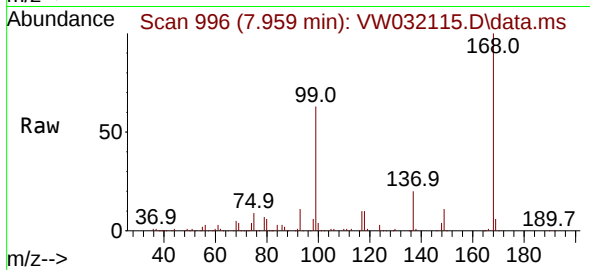




#36
1,1-Dichloropropene
Concen: 4.861 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.140 min
Lab File: VW032115.D
Acq: 22 Aug 2025 16:50

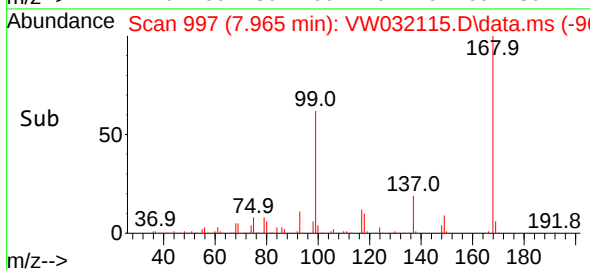
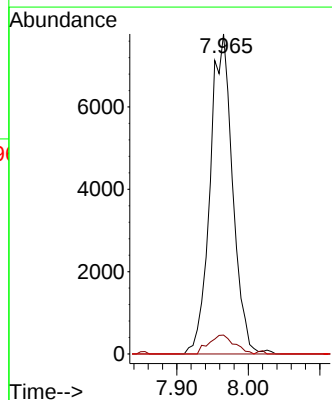
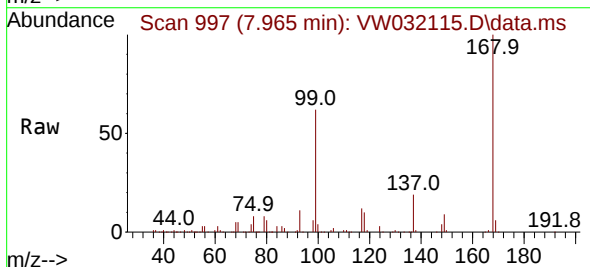
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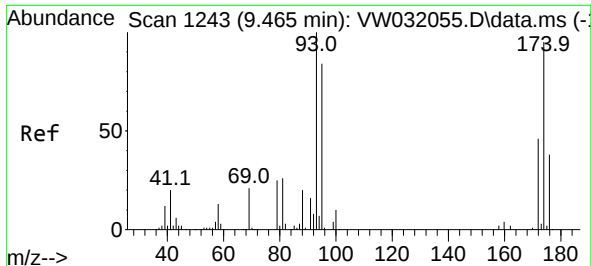
Tgt Ion: 75 Resp: 13482
Ion Ratio Lower Upper
75 100
110 11.3 17.4 52.2#
77 0.5 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.348 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.122 min
Lab File: VW032115.D
Acq: 22 Aug 2025 16:50

Tgt Ion: 117 Resp: 16992
Ion Ratio Lower Upper
117 100
119 5.9 71.4 107.2#
121 0.0 22.3 33.5#





#49

1,4-Dioxane

Concen: 4.142 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.122 min

Lab File: VW032115.D

Acq: 22 Aug 2025 16:50

Instrument :

MSVOA_W

ClientSampleId :

29-SEPTIC

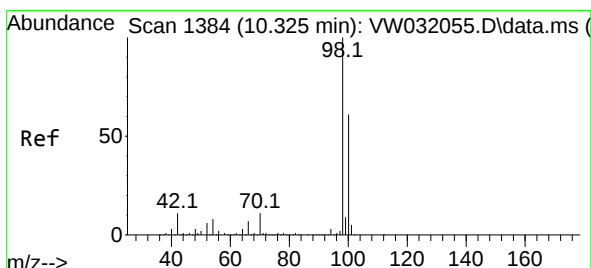
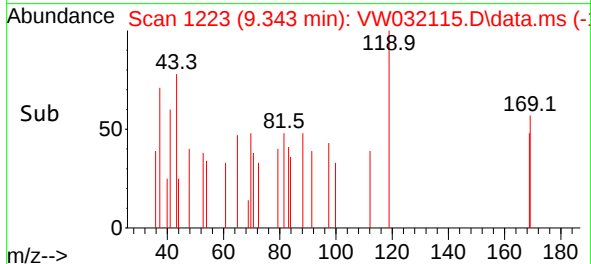
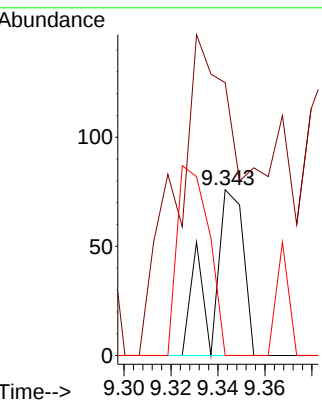
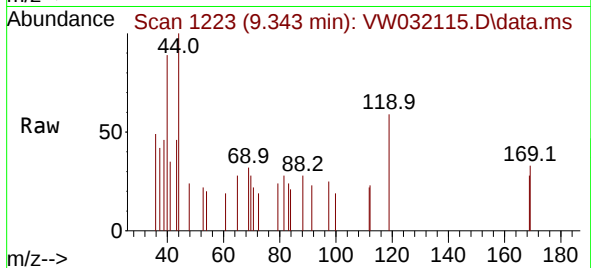
Tgt Ion: 88 Resp: 72

Ion Ratio Lower Upper

88 100

43 427.8 20.6 30.8#

58 113.9 60.4 90.6#



#50

Toluene-d8

Concen: 51.233 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032115.D

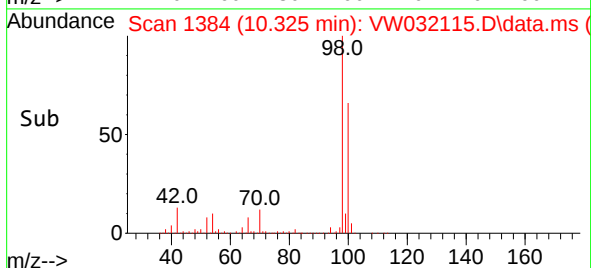
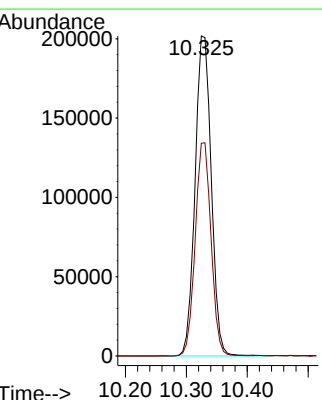
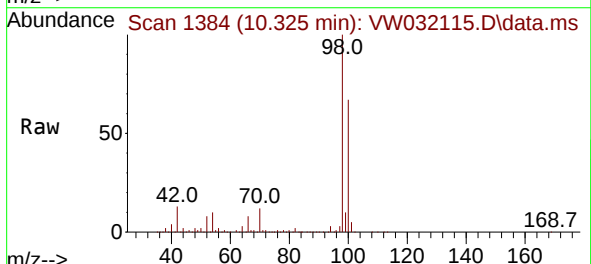
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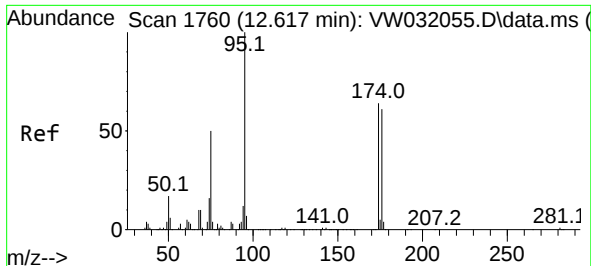
Tgt Ion: 98 Resp: 372831

Ion Ratio Lower Upper

98 100

100 65.3 51.1 76.7

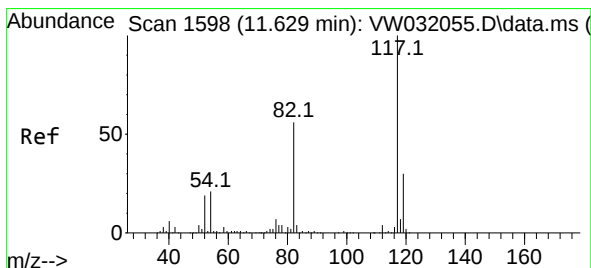
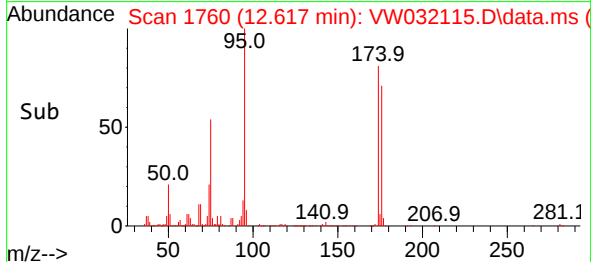
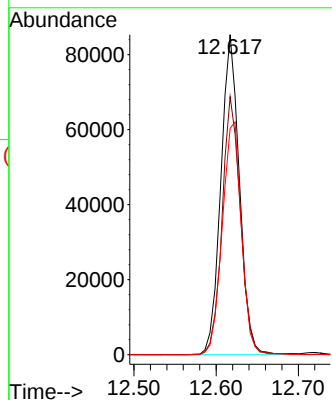
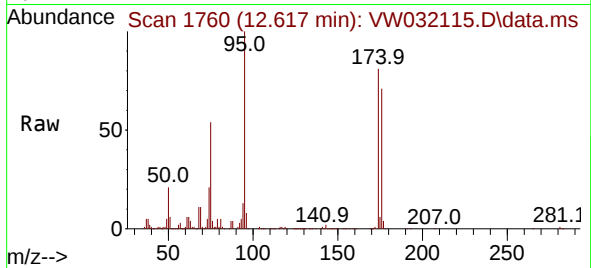




#62
4-Bromofluorobenzene
Concen: 49.842 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032115.D
Acq: 22 Aug 2025 16:50

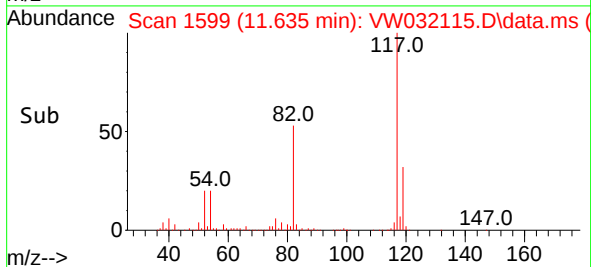
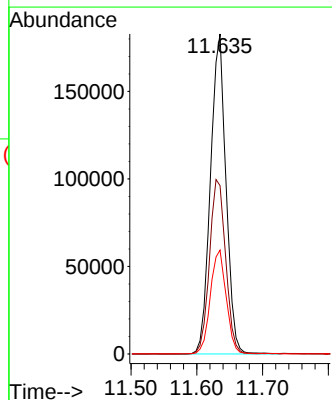
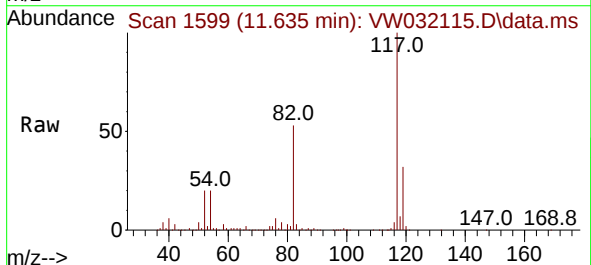
Instrument :
MSVOA_W
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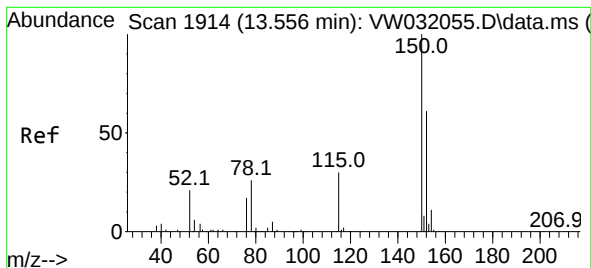
Tgt Ion: 95 Resp: 133664
Ion Ratio Lower Upper
95 100
174 80.1 0.0 129.0
176 75.4 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032115.D
Acq: 22 Aug 2025 16:50

Tgt Ion: 117 Resp: 300129
Ion Ratio Lower Upper
117 100
82 52.6 45.0 67.4
119 32.4 24.2 36.4

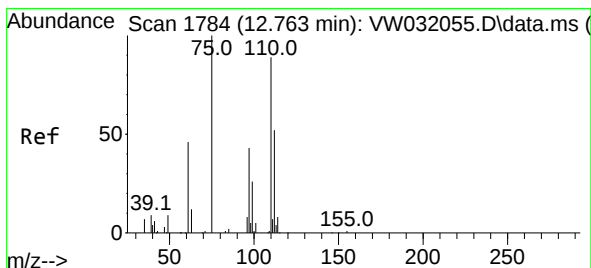
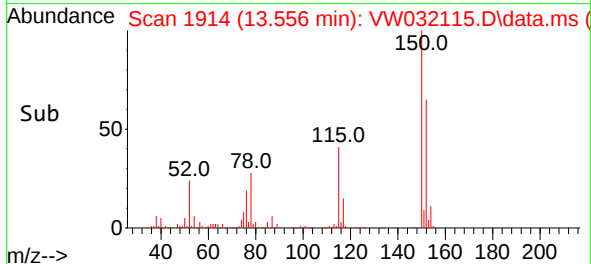
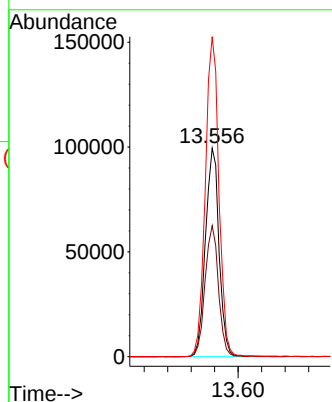
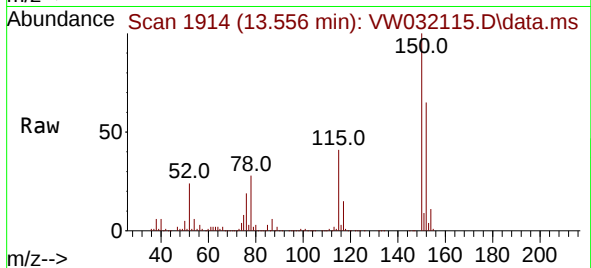




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032115.D
 Acq: 22 Aug 2025 16:50

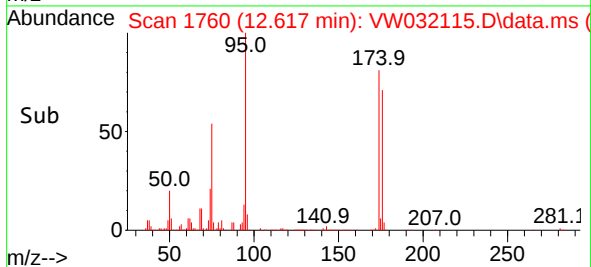
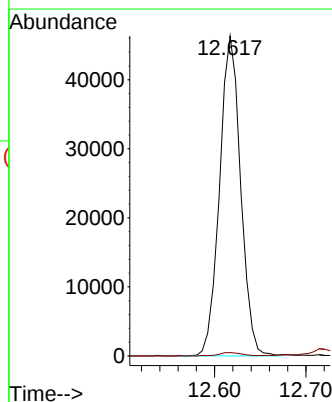
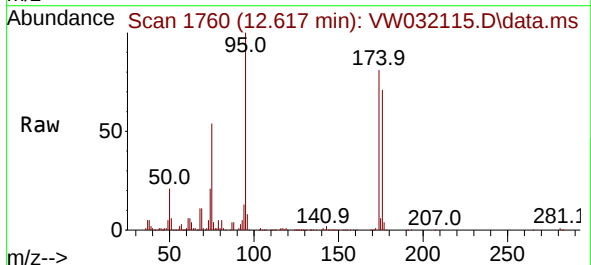
Instrument :
 MSVOA_W
 ClientSampleId :
 29-SEPTIC

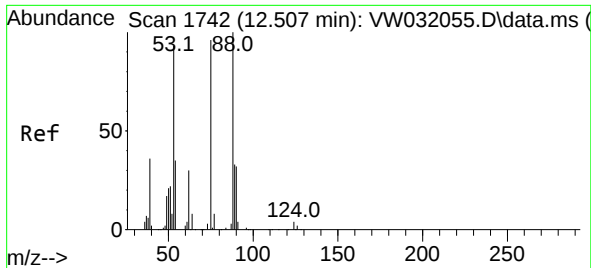
Tgt Ion:152 Resp: 160095
 Ion Ratio Lower Upper
 152 100
 115 62.0 32.6 97.8
 150 153.3 0.0 359.4



#76
 1,2,3-Trichloropropane
 Concen: 34.203 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW032115.D
 Acq: 22 Aug 2025 16:50

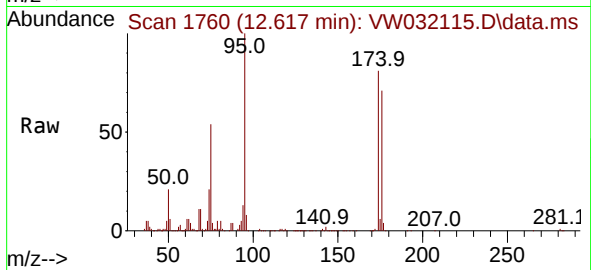
Tgt Ion: 75 Resp: 74319
 Ion Ratio Lower Upper
 75 100
 77 1.2 123.5 370.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.549 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW032115.D
 Acq: 22 Aug 2025 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 29-SEPTIC



Tgt Ion: 75 Resp: 74319
 Ion Ratio Lower Upper
 75 100
 53 0.2 81.0 121.6#
 89 0.1 37.3 55.9#

