

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW031994.D
 Acq On : 04 Aug 2025 12:28
 Operator : SY/MD
 Sample : Q2747-07
 Misc : 2.58g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OU4-TS-GRILLO-TSCP01-073125RE

Quant Time: Aug 05 01:17:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

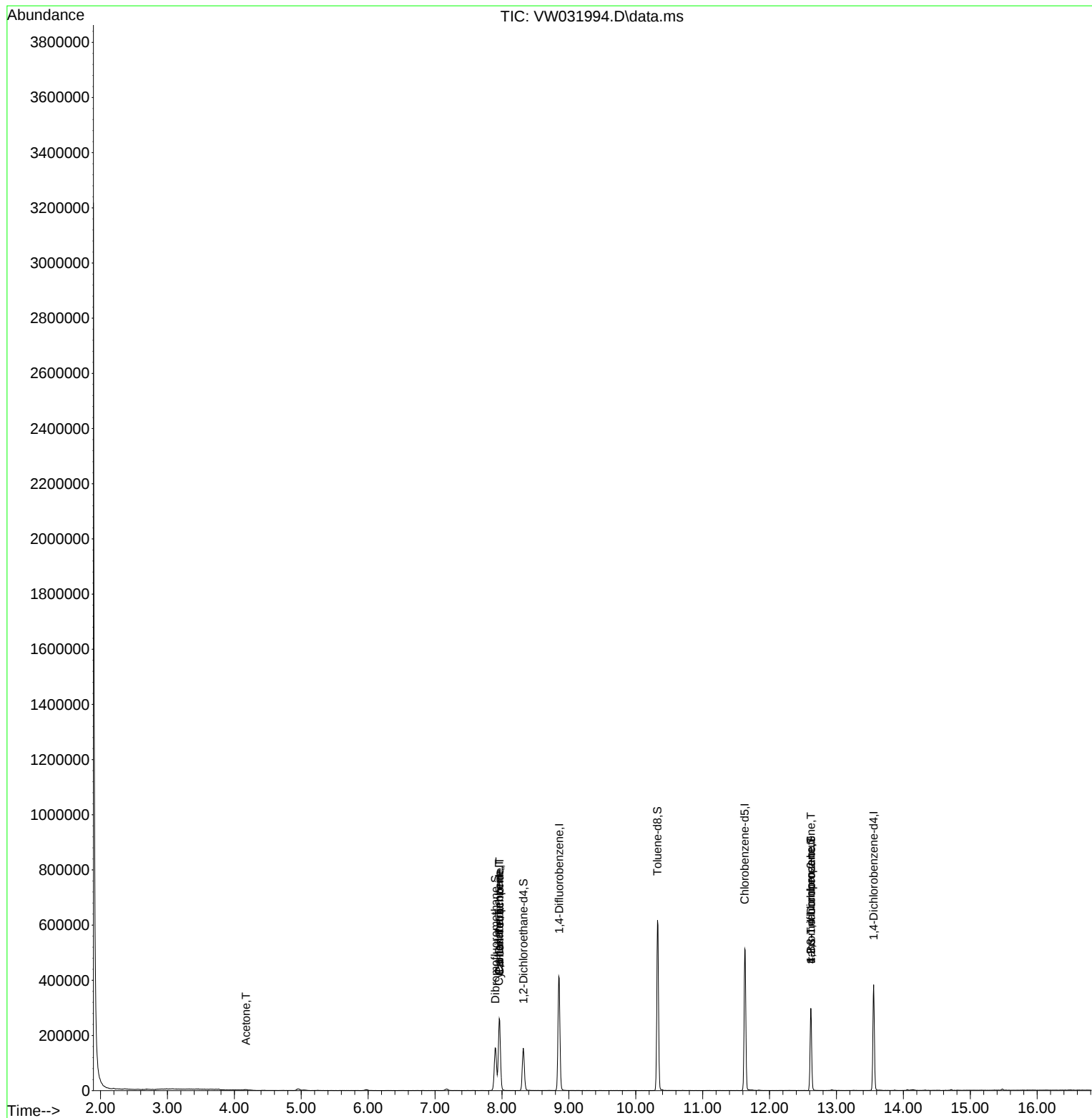
Internal Standards						
1) Pentafluorobenzene	7.959	168	177491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	358263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	293647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	92547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	125239	46.644	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	93.280%	
35) Dibromofluoromethane	7.898	113	117579	48.298	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	96.600%	
50) Toluene-d8	10.325	98	420651	45.655	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	91.320%	
62) 4-Bromofluorobenzene	12.617	95	107969	30.518	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	61.040%	
Target Compounds						
					Qvalue	
13) Acrolein	3.942	56	38	Below Cal	#	14
16) Acetone	4.173	43	2502	3.927	ug/l	90
20) Methylene Chloride	4.954	84	4824	Below Cal	#	87
31) Cyclohexane	7.953	56	4425	1.075	ug/l	# 3
36) 1,1-Dichloropropene	7.959	75	16014	4.283	ug/l	# 50
38) Carbon Tetrachloride	7.965	117	20247	5.643	ug/l	# 19
76) 1,2,3-Trichloropropane	12.617	75	54333	42.522	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.617	75	54333	98.172	ug/l	# 8

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

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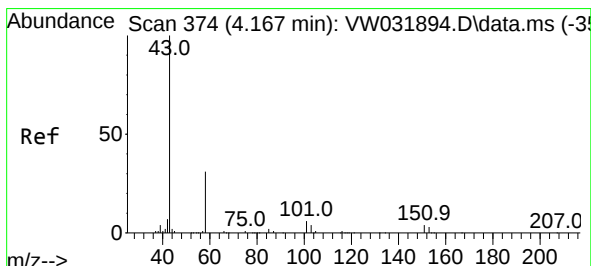
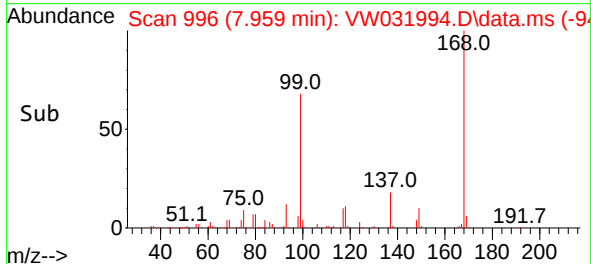
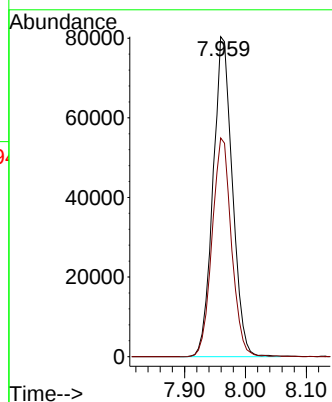
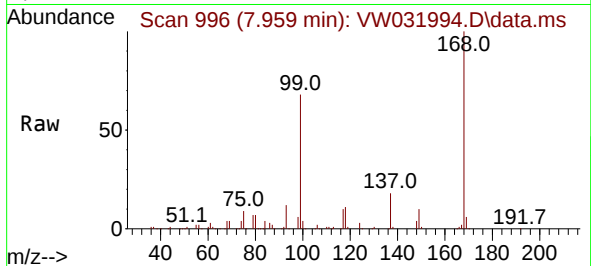




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031994.D
Acq: 04 Aug 2025 12:28

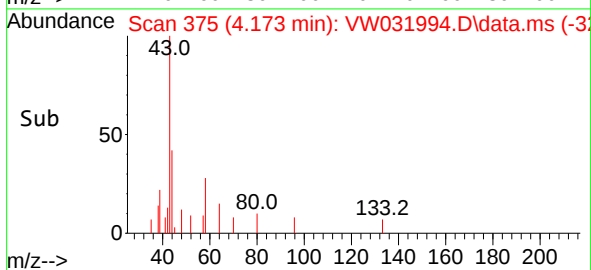
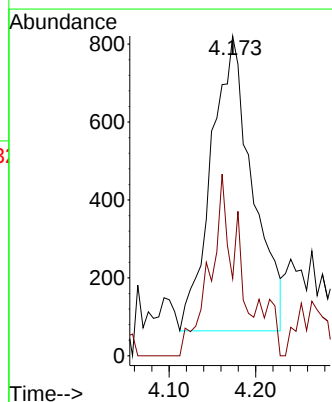
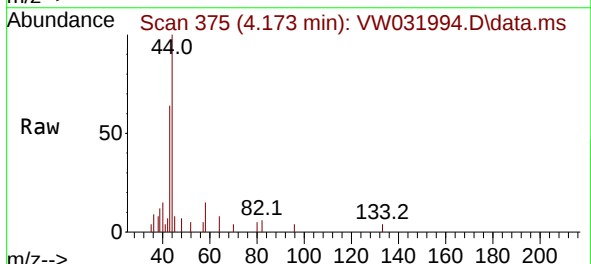
Instrument :
MSVOA_W
ClientSampleId :
OU4-TS-GRILLO-TSCP01-073125RE

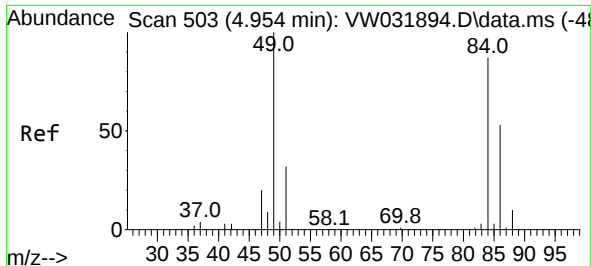
Tgt Ion:168 Resp: 177491
Ion Ratio Lower Upper
168 100
99 68.3 48.2 72.2



#16
Acetone
Concen: 3.927 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.006 min
Lab File: VW031994.D
Acq: 04 Aug 2025 12:28

Tgt Ion: 43 Resp: 2502
Ion Ratio Lower Upper
43 100
58 26.2 25.5 38.3

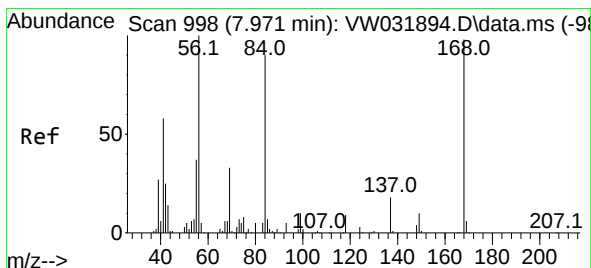
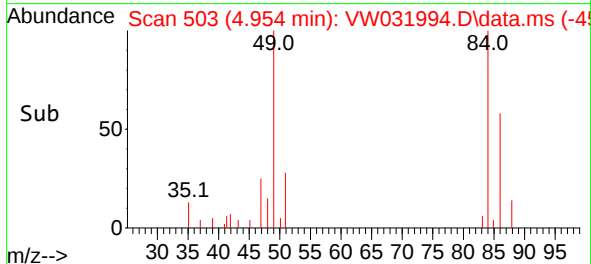
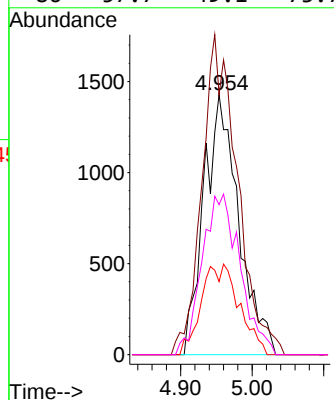
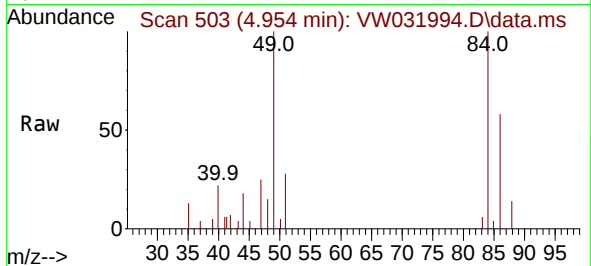




#20
Methylene Chloride
Concen: Below Cal
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031994.D
Acq: 04 Aug 2025 12:28

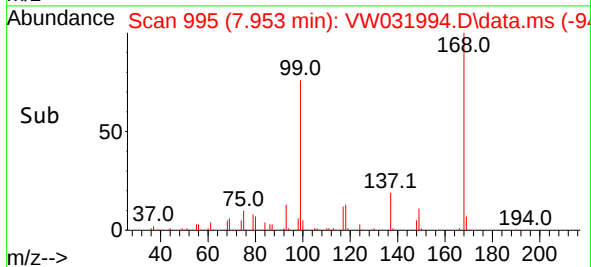
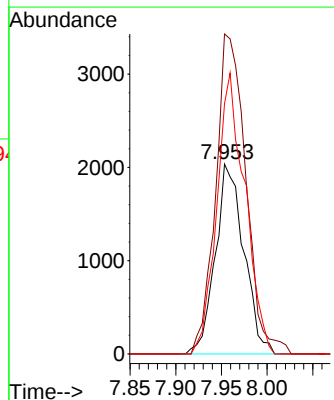
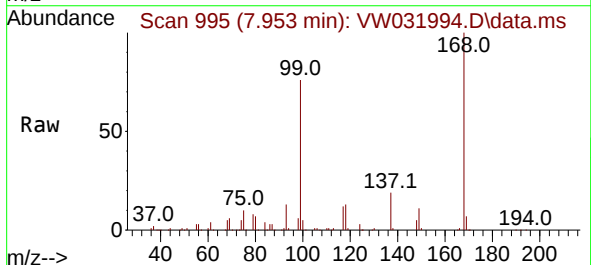
Instrument :
MSVOA_W
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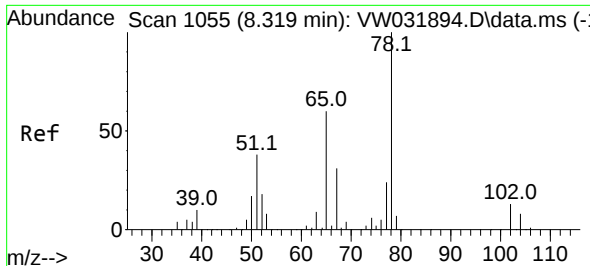
Tgt Ion:	84	Resp:	4824
Ion	Ratio	Lower	Upper
84	100		
49	96.1	91.9	137.9
51	28.1	29.0	43.6#
86	57.7	49.1	73.7



#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW031994.D
Acq: 04 Aug 2025 12:28

Tgt Ion:	56	Resp:	4425
Ion	Ratio	Lower	Upper
56	100		
69	168.4	26.7	40.1#
84	131.7	71.8	107.6#

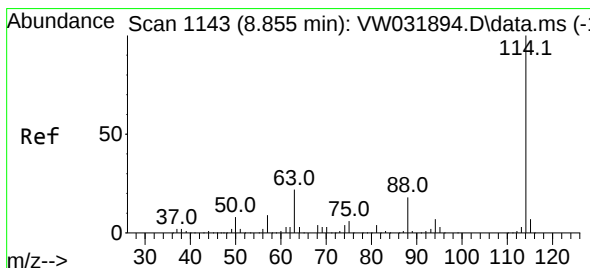
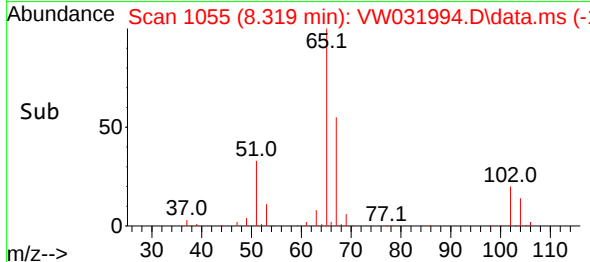
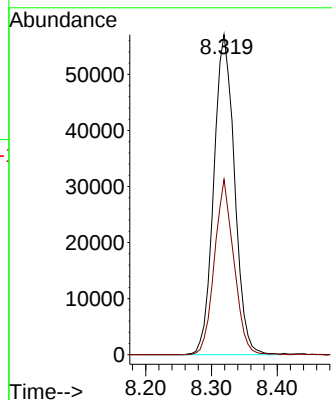
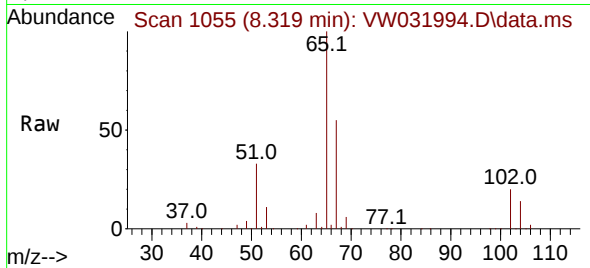




#33
1,2-Dichloroethane-d4
Concen: 46.644 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031994.D
Acq: 04 Aug 2025 12:28

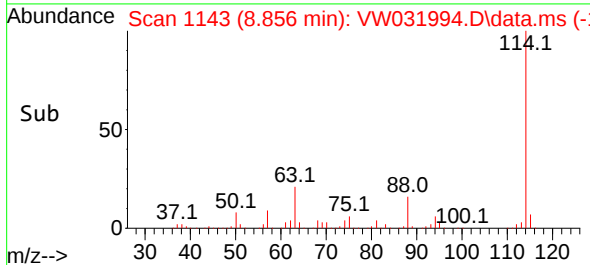
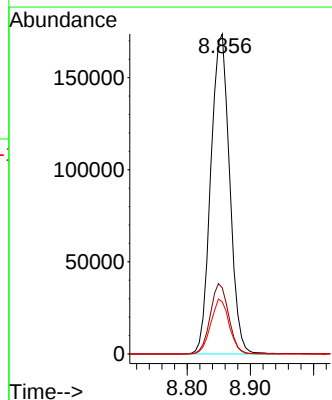
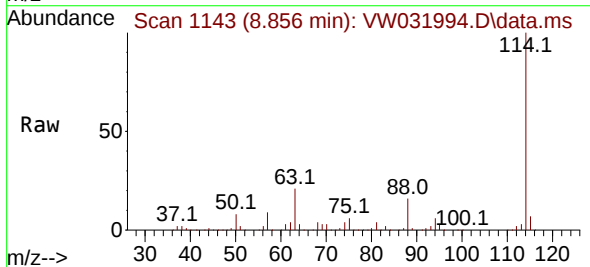
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OU4-TS-GRILLO-TSCP01-073125RE

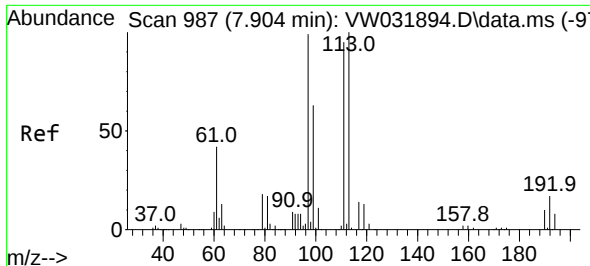
Tgt Ion: 65 Resp: 125239
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VW031994.D
Acq: 04 Aug 2025 12:28

Tgt Ion: 114 Resp: 358263
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.2
88 16.3 0.0 35.6

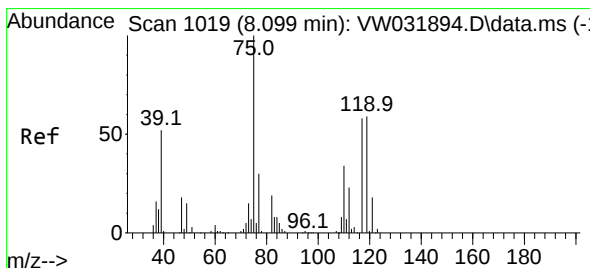
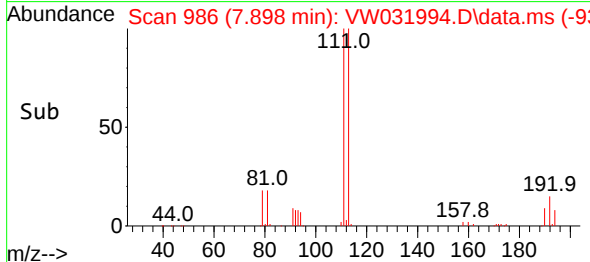
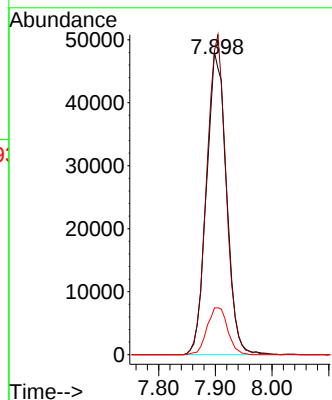
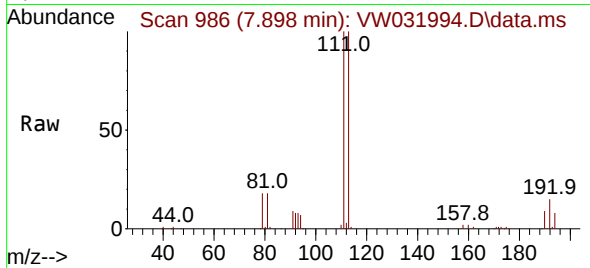




#35
 Dibromofluoromethane
 Concen: 48.298 ug/l
 RT: 7.898 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VW031994.D
 Acq: 04 Aug 2025 12:28

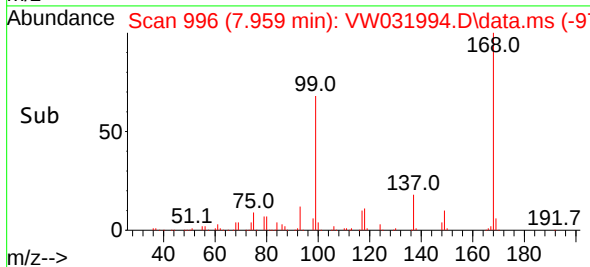
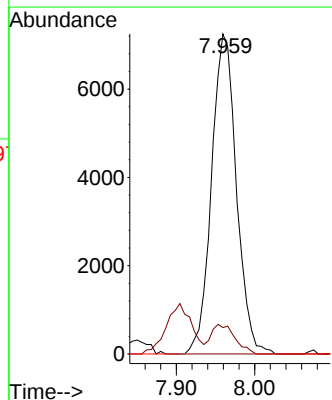
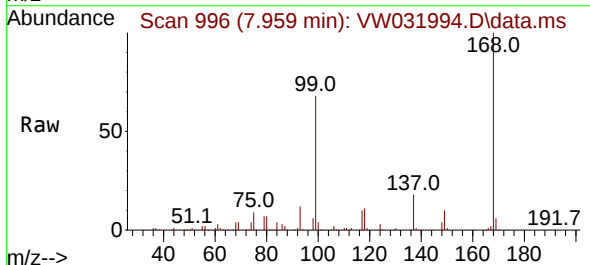
Instrument :
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 ClientSampleId :
 OU4-TS-GRILLO-TSCP01-073125RE

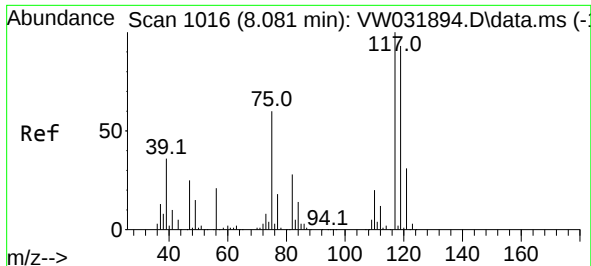
Tgt Ion:	113	Resp:	117579
Ion	Ratio	Lower	Upper
113	100		
111	102.3	79.9	119.9
192	16.0	12.6	19.0



#36
 1,1-Dichloropropene
 Concen: 4.283 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW031994.D
 Acq: 04 Aug 2025 12:28

Tgt Ion:	75	Resp:	16014
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.0	50.9#
77	0.0	25.1	37.7#

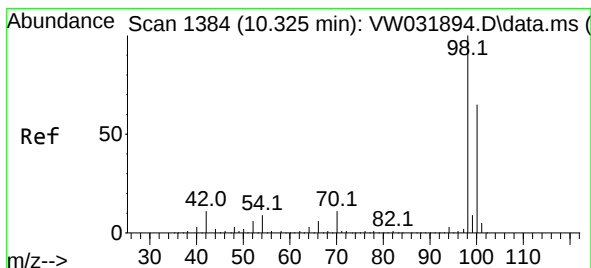
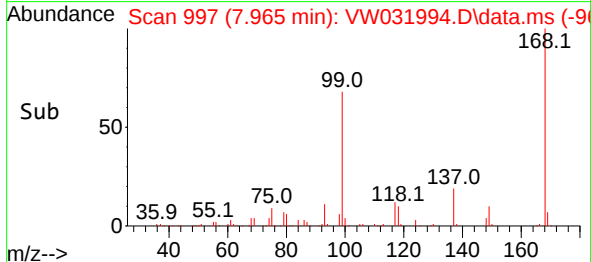
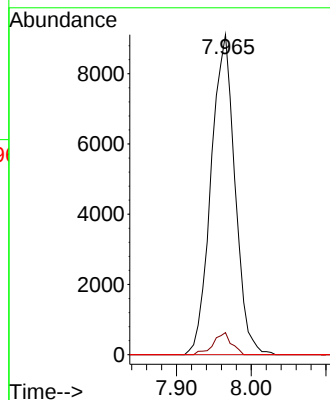
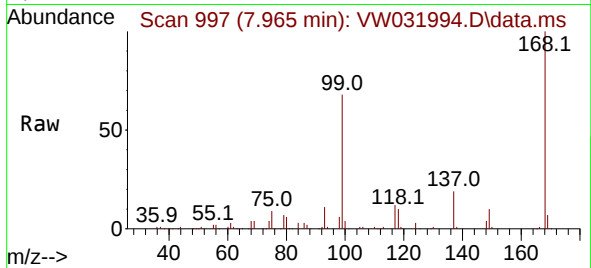




#38
Carbon Tetrachloride
Concen: 5.643 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.116 min
Lab File: VW031994.D
Acq: 04 Aug 2025 12:28

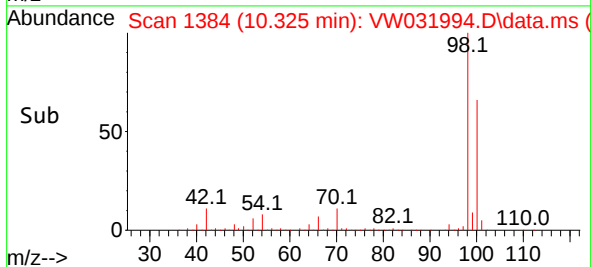
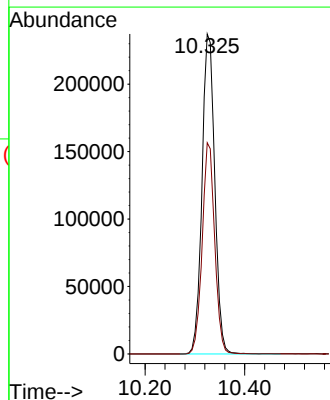
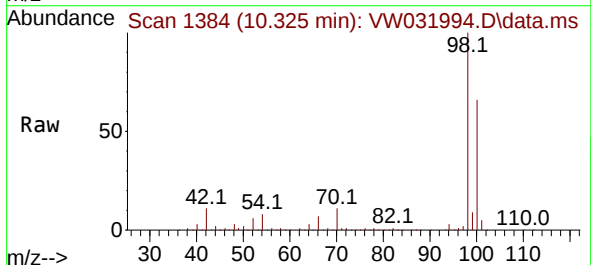
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Tgt Ion:117 Resp: 20247
Ion Ratio Lower Upper
117 100
119 6.9 74.3 111.5#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.655 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031994.D
Acq: 04 Aug 2025 12:28

Tgt Ion: 98 Resp: 420651
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5

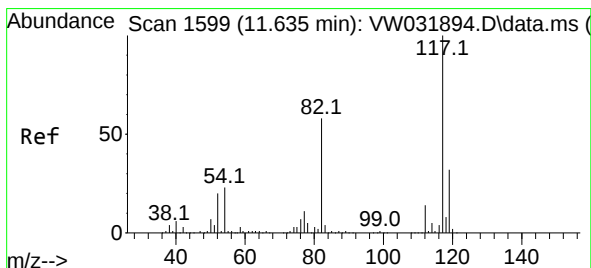
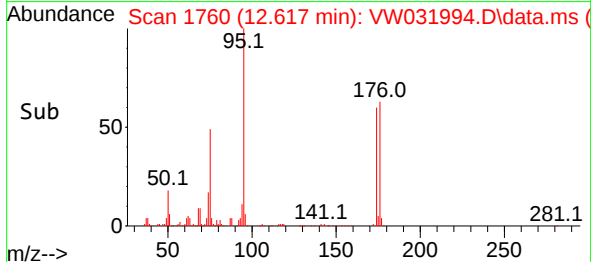
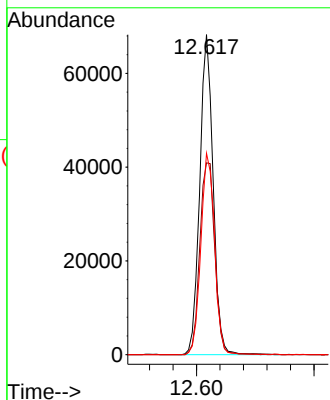
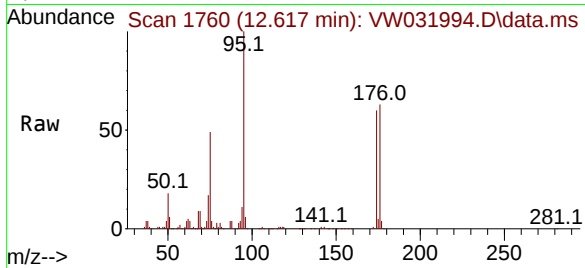




#62
4-Bromofluorobenzene
Concen: 30.518 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031994.D
Acq: 04 Aug 2025 12:28

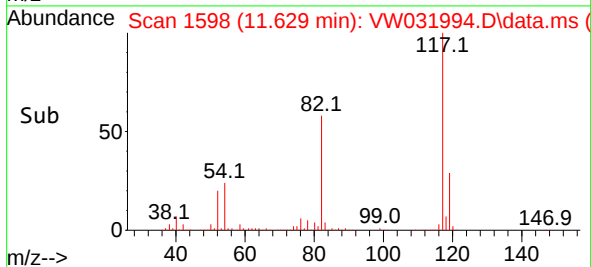
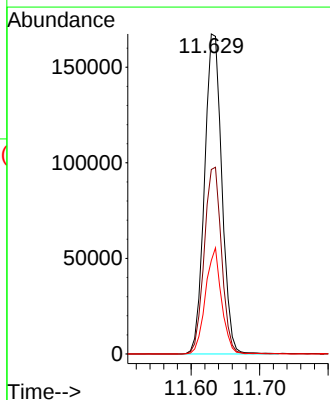
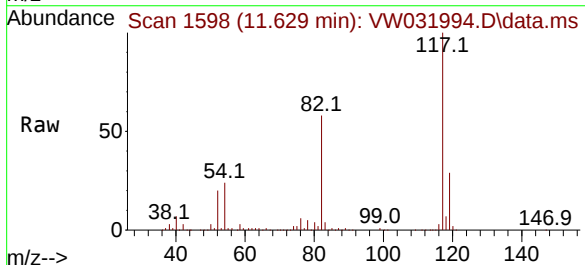
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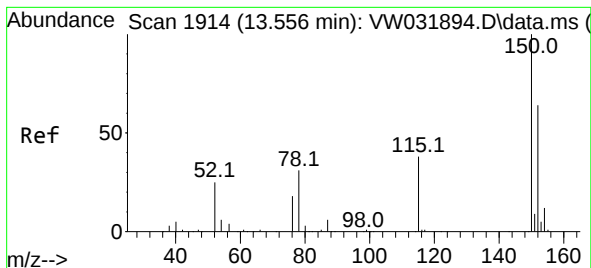
Tgt Ion: 95 Resp: 107969
Ion Ratio Lower Upper
95 100
174 67.3 0.0 129.8
176 64.9 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031994.D
Acq: 04 Aug 2025 12:28

Tgt Ion: 117 Resp: 293647
Ion Ratio Lower Upper
117 100
82 57.7 46.5 69.7
119 29.2 25.8 38.6

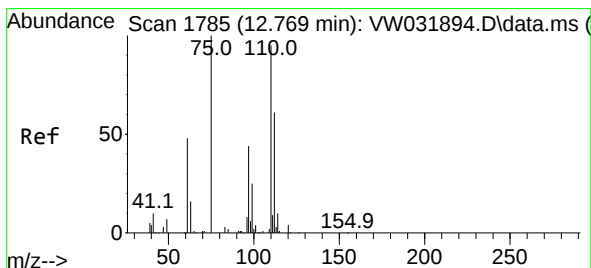
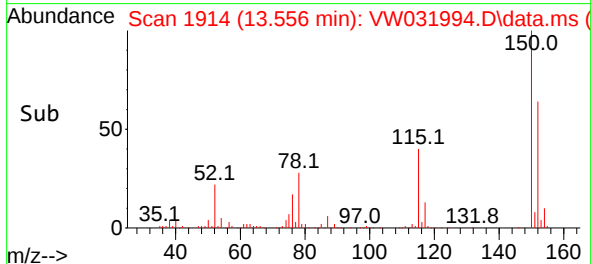
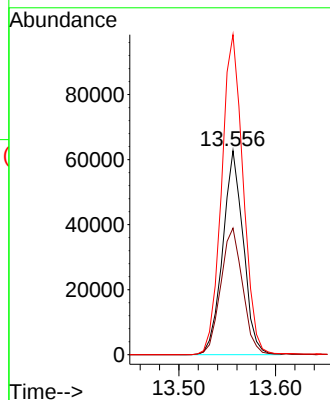
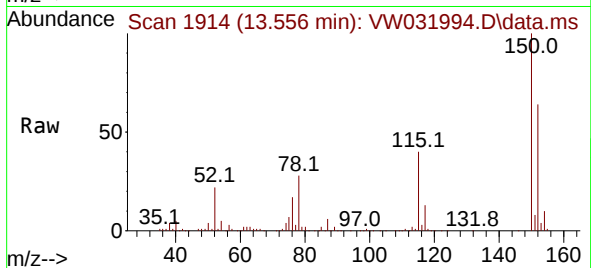




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031994.D
 Acq: 04 Aug 2025 12:28

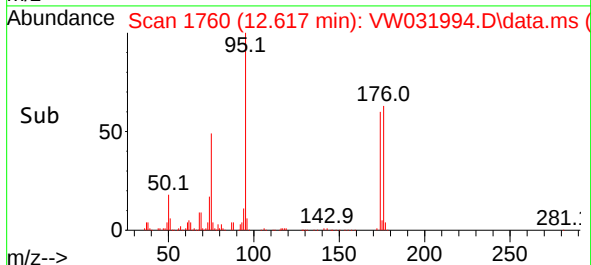
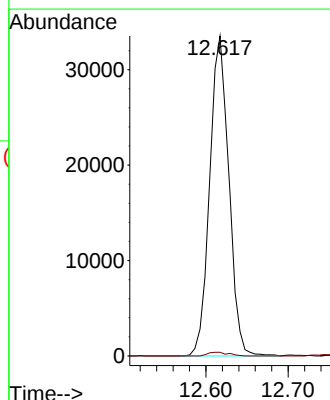
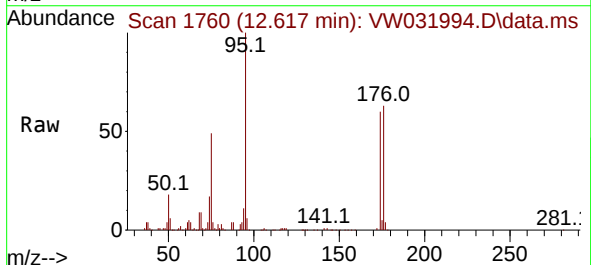
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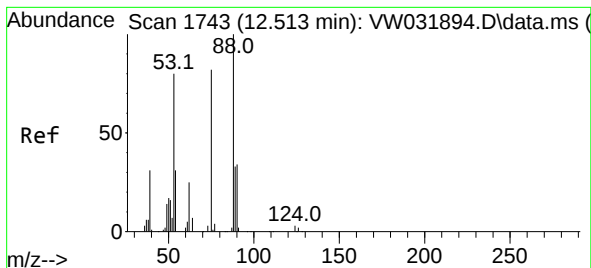
Tgt Ion:152 Resp: 92547
 Ion Ratio Lower Upper
 152 100
 115 66.4 33.4 100.1
 150 164.9 0.0 352.2



#76
 1,2,3-Trichloropropane
 Concen: 42.522 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.152 min
 Lab File: VW031994.D
 Acq: 04 Aug 2025 12:28

Tgt Ion: 75 Resp: 54333
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 98.172 ug/l

RT: 12.617 min Scan# 11

Delta R.T. 0.104 min

Lab File: VW031994.D

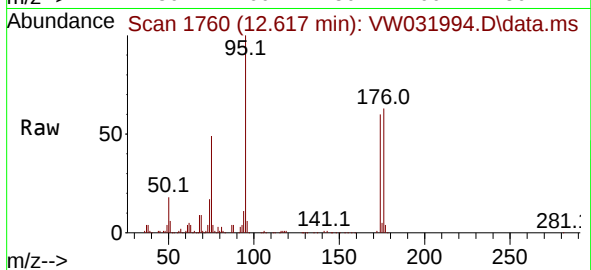
Acq: 04 Aug 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

OU4-TS-GRILLO-TSCP01-073125RE



Tgt Ion: 75 Resp: 54333

Ion Ratio Lower Upper

75 100

53 0.2 83.7 125.5#

89 0.0 39.0 58.6#

