

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072825\
 Data File : VW031940.D
 Acq On : 28 Jul 2025 11:31
 Operator : SY/MD
 Sample : VW0728SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBL01

Quant Time: Jul 29 01:17:57 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)

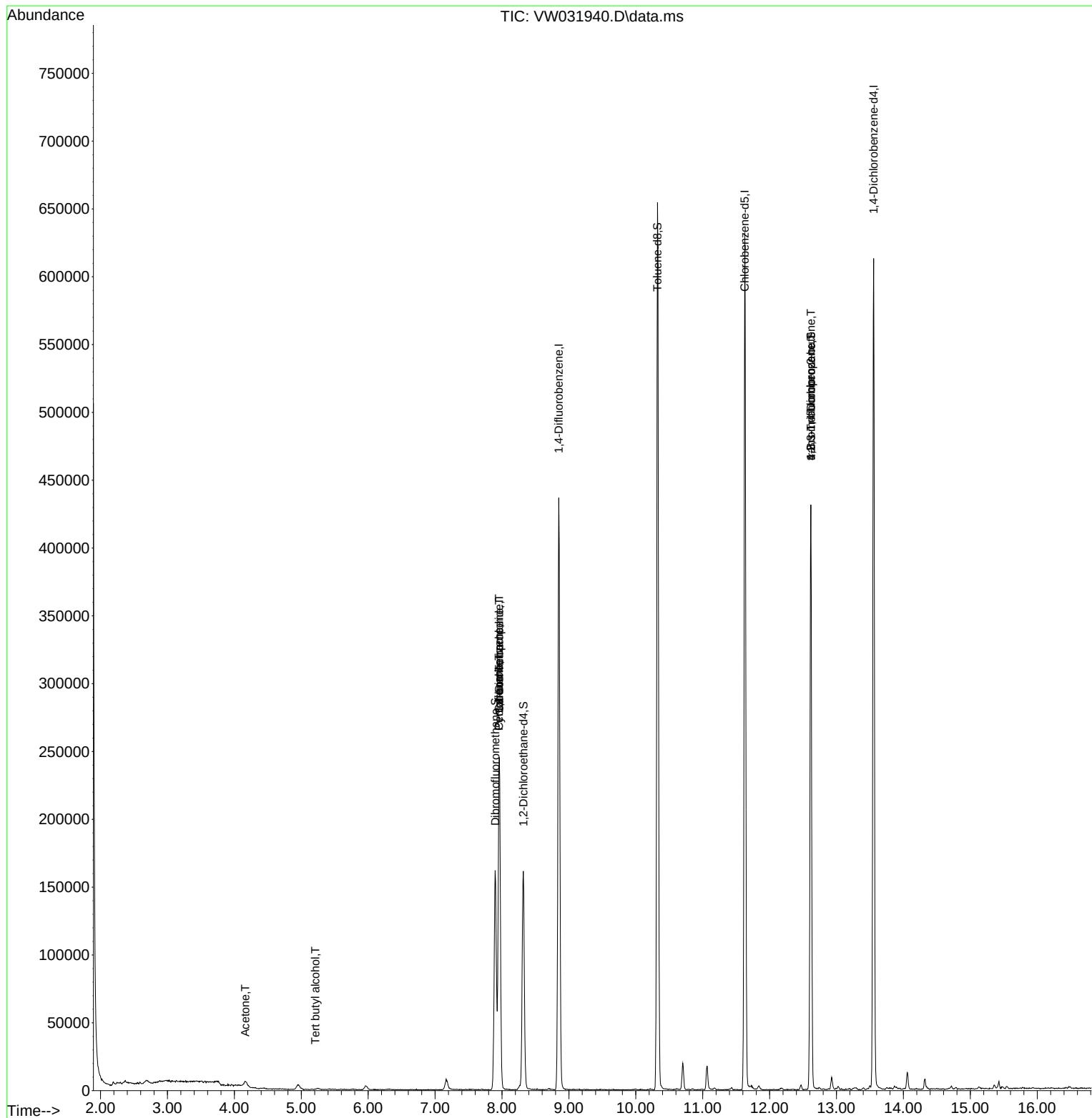
Internal Standards						
1) Pentafluorobenzene	7.953	168	169272	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	366083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	340455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	157307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	136023	53.120	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 106.240%		
35) Dibromofluoromethane	7.898	113	119470	48.027	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 96.060%		
50) Toluene-d8	10.325	98	431990	45.885	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 91.760%		
62) 4-Bromofluorobenzene	12.617	95	157628	43.603	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 87.200%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.210	59	209	1.389	ug/l #	72
13) Acrolein	3.942	56	219	Below Cal	#	14
16) Acetone	4.161	43	6394	10.523	ug/l	95
20) Methylene Chloride	4.948	84	2982	Below Cal		95
31) Cyclohexane	7.953	56	4478	1.140	ug/l #	26
36) 1,1-Dichloropropene	7.959	75	16414	4.297	ug/l #	49
38) Carbon Tetrachloride	7.959	117	20131	5.491	ug/l #	18
76) 1,2,3-Trichloropropane	12.617	75	81971	37.742	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.617	75	81971	87.136	ug/l #	8

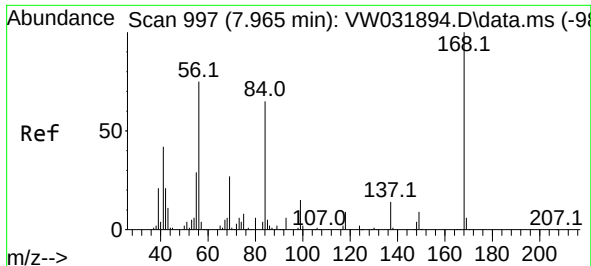
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072825\
Data File : VW031940.D
Acq On : 28 Jul 2025 11:31
Operator : SY/MD
Sample : VW0728SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBL01

Quant Time: Jul 29 01:17:57 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

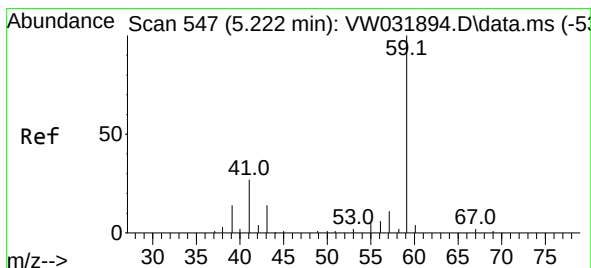
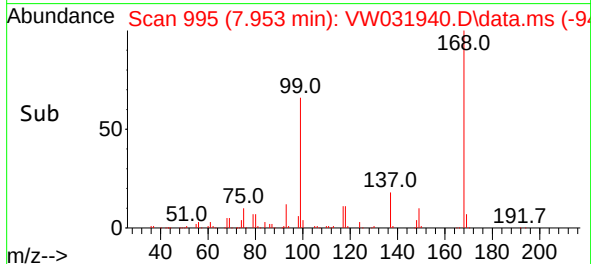
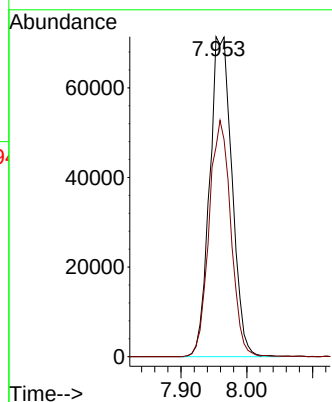
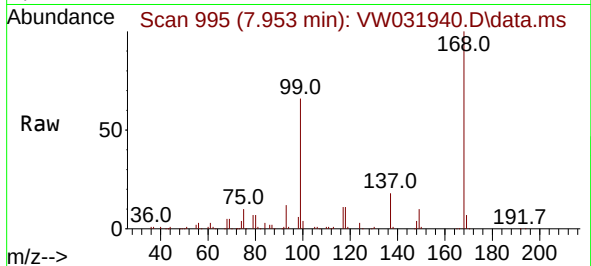




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.012 min
Lab File: VW031940.D
Acq: 28 Jul 2025 11:31

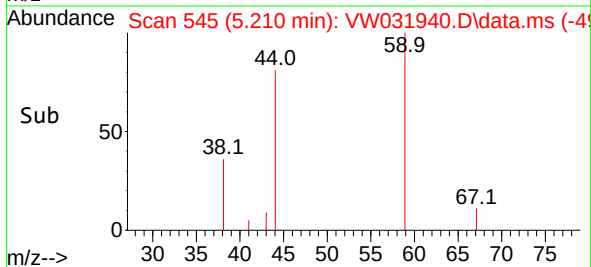
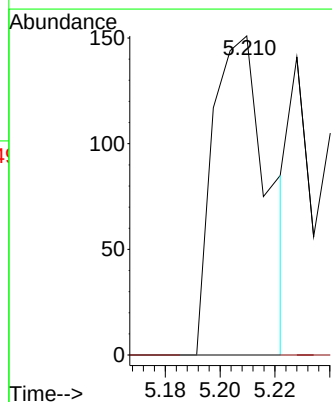
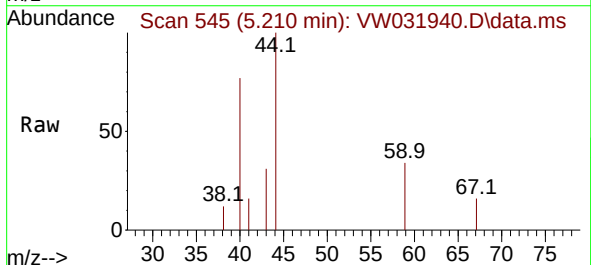
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBL01

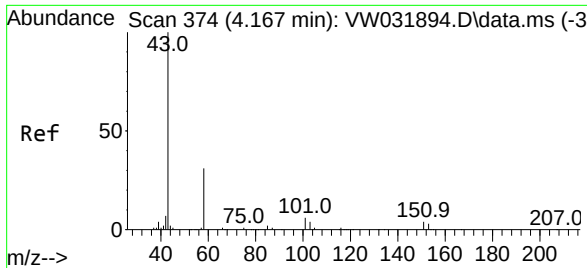
Tgt Ion:168 Resp: 169272
Ion Ratio Lower Upper
168 100
99 65.6 48.2 72.2



#11
Tert butyl alcohol
Concen: 1.389 ug/l
RT: 5.210 min Scan# 545
Delta R.T. -0.012 min
Lab File: VW031940.D
Acq: 28 Jul 2025 11:31

Tgt Ion: 59 Resp: 209
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

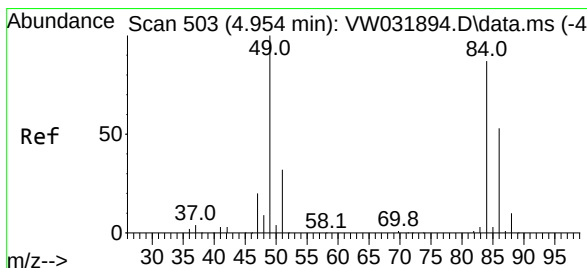
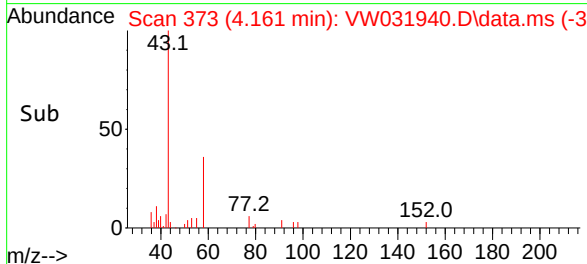
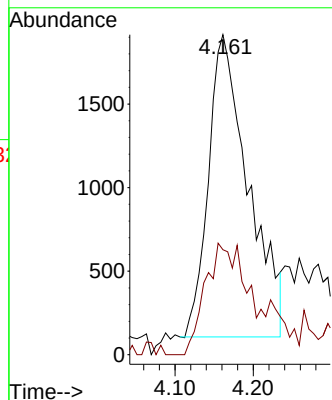
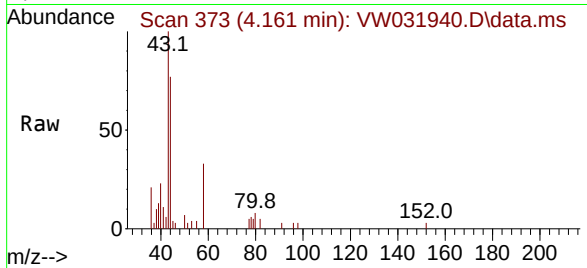




#16
Acetone
Concen: 10.523 ug/l
RT: 4.161 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031940.D
Acq: 28 Jul 2025 11:31

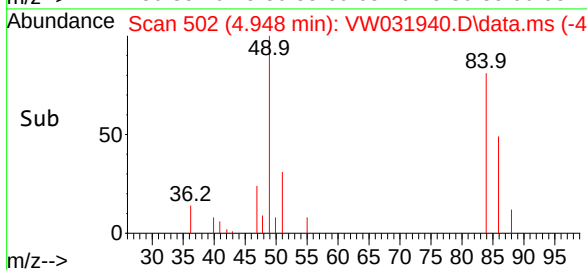
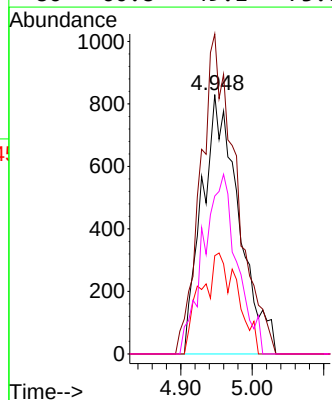
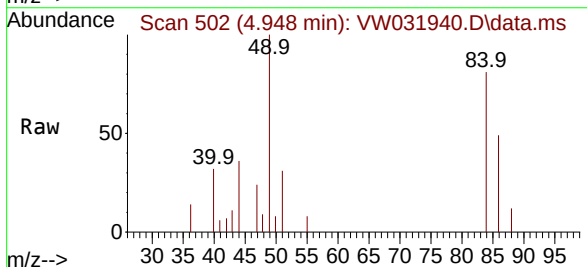
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBL01

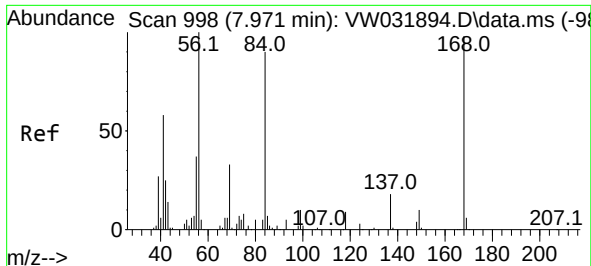
Tgt Ion: 43 Resp: 6394
Ion Ratio Lower Upper
43 100
58 34.7 25.5 38.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031940.D
Acq: 28 Jul 2025 11:31

Tgt Ion: 84 Resp: 2982
Ion Ratio Lower Upper
84 100
49 123.4 91.9 137.9
51 37.8 29.0 43.6
86 60.8 49.1 73.7

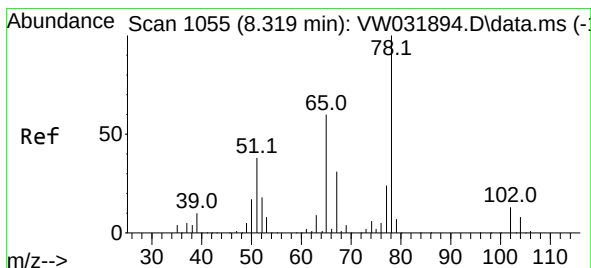
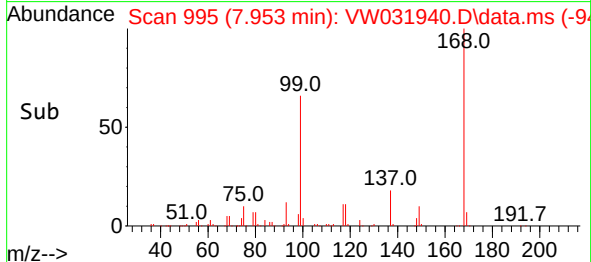
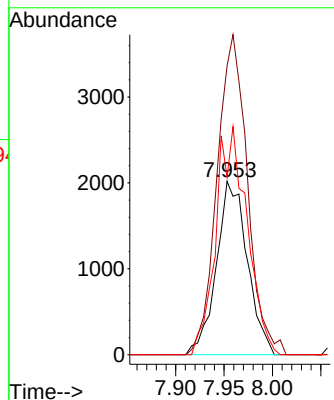
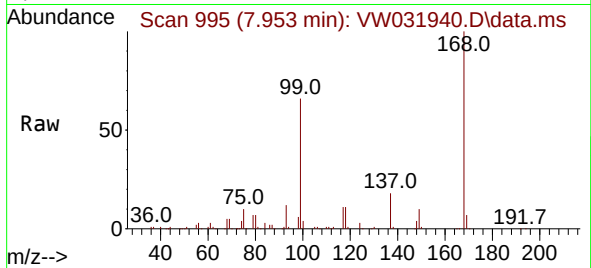




#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW031940.D
Acq: 28 Jul 2025 11:31

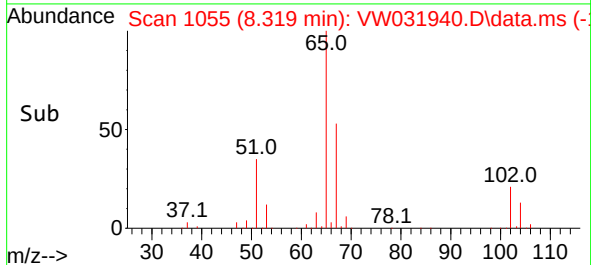
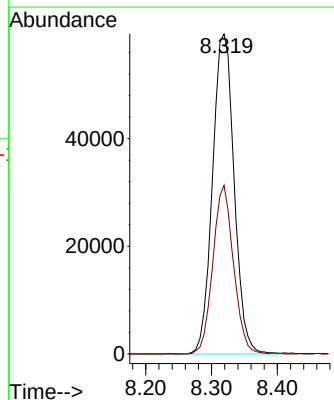
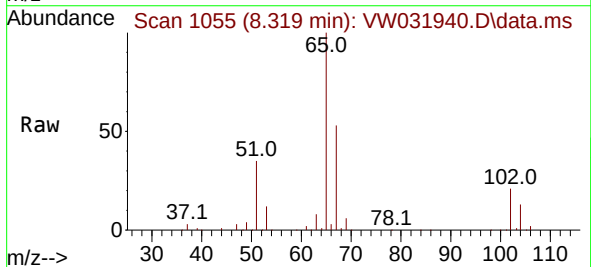
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBL01

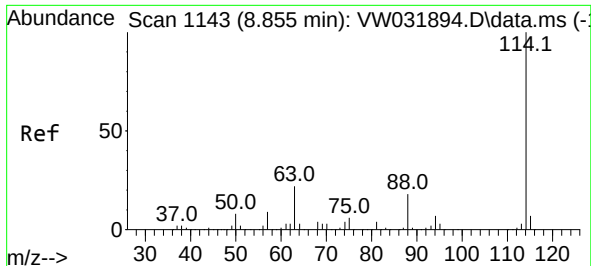
Tgt Ion: 56 Resp: 4478
Ion Ratio Lower Upper
56 100
69 166.7 26.7 40.1#
84 102.5 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 53.120 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031940.D
Acq: 28 Jul 2025 11:31

Tgt Ion: 65 Resp: 136023
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VW031940.D

Acq: 28 Jul 2025 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0728SBL01

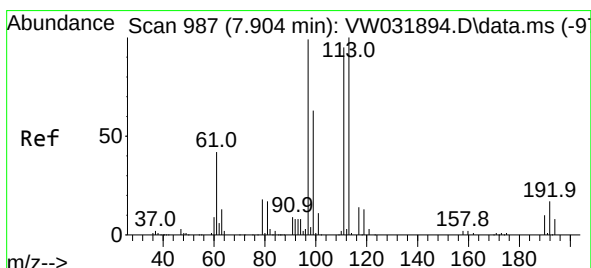
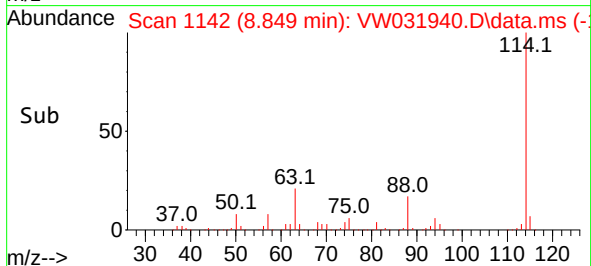
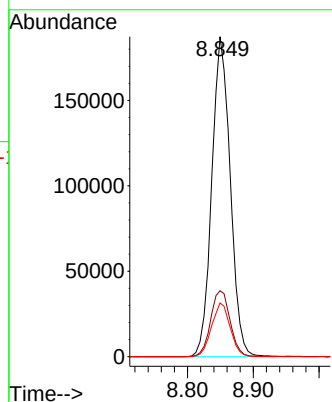
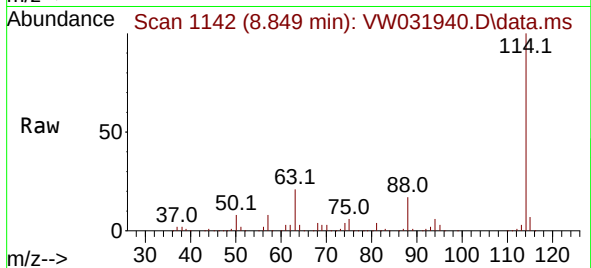
Tgt Ion:114 Resp: 366083

Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.2

88 16.8 0.0 35.6



#35

Dibromofluoromethane

Concen: 48.027 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW031940.D

Acq: 28 Jul 2025 11:31

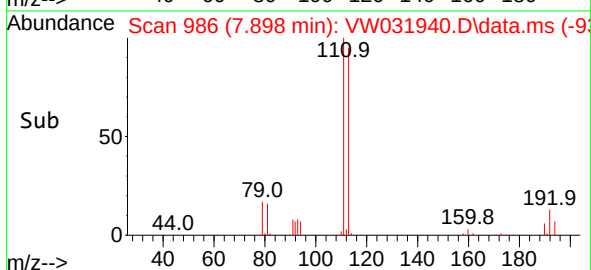
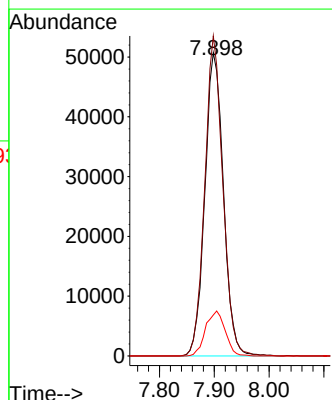
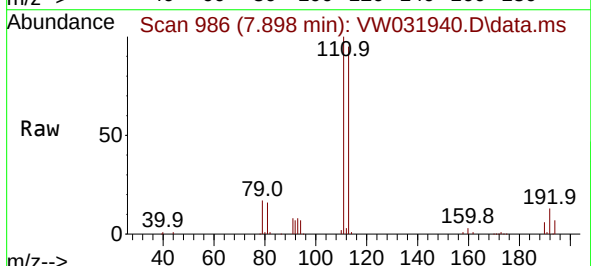
Tgt Ion:113 Resp: 119470

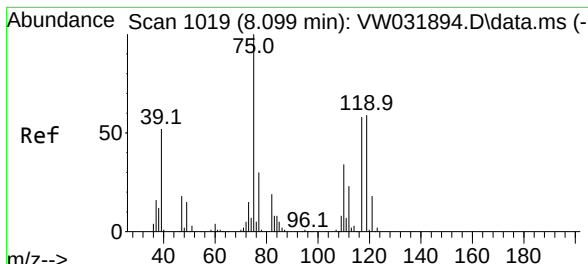
Ion Ratio Lower Upper

113 100

111 102.3 79.9 119.9

192 15.6 12.6 19.0

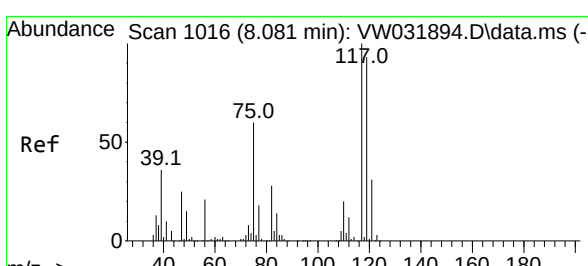
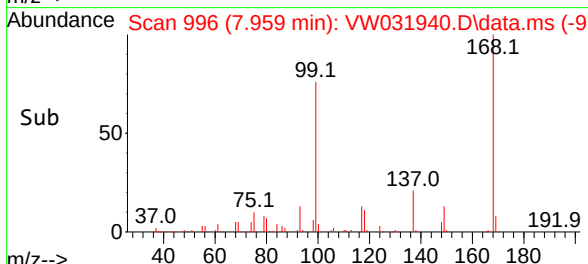
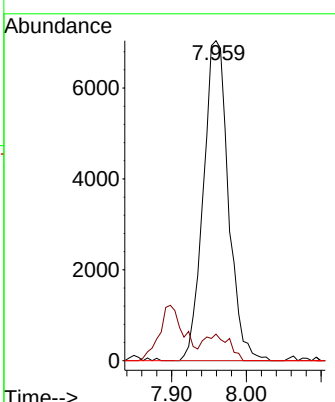
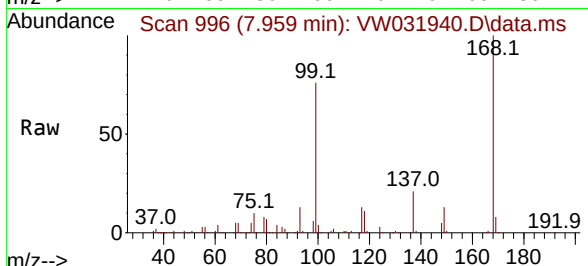




#36
 1,1-Dichloropropene
 Concen: 4.297 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW031940.D
 Acq: 28 Jul 2025 11:31

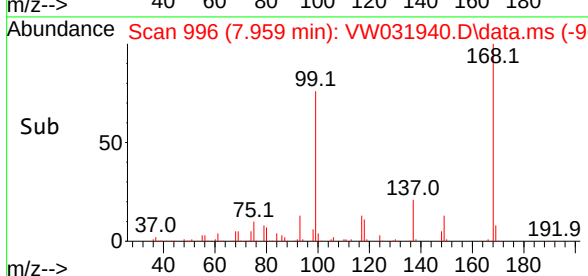
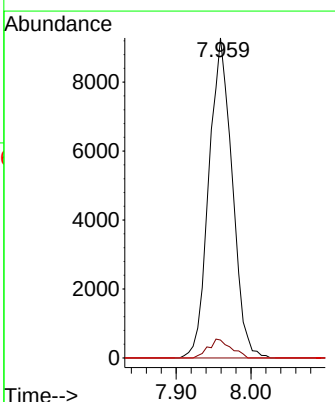
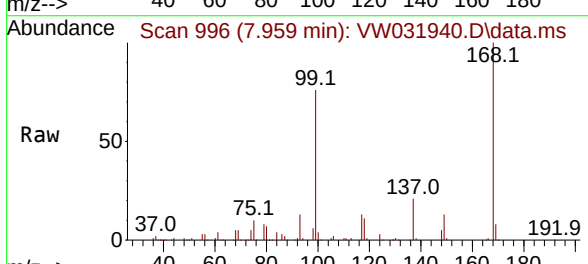
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBL01

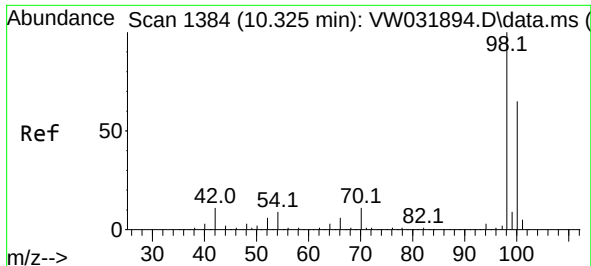
Tgt Ion:	75	Resp:	16414
Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.0	50.9#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.491 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.122 min
 Lab File: VW031940.D
 Acq: 28 Jul 2025 11:31

Tgt Ion:	117	Resp:	20131
Ion	Ratio	Lower	Upper
117	100		
119	5.6	74.3	111.5#
121	0.0	24.6	37.0#

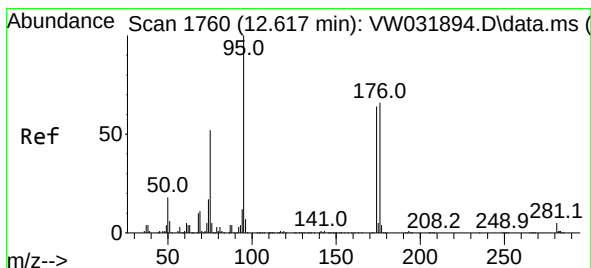
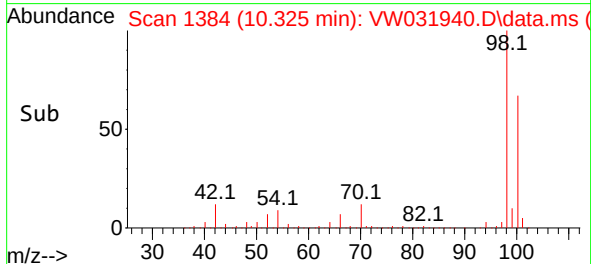
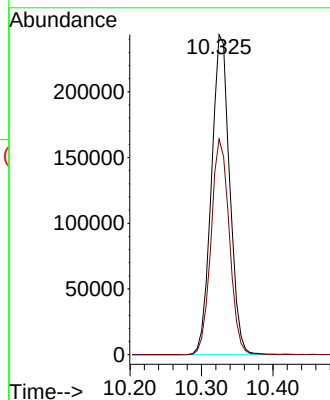
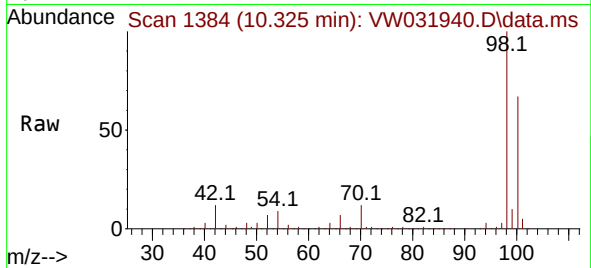




#50
Toluene-d8
Concen: 45.885 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031940.D
Acq: 28 Jul 2025 11:31

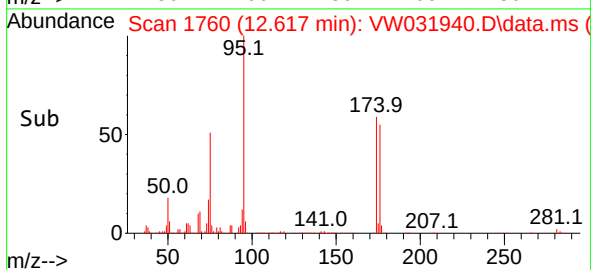
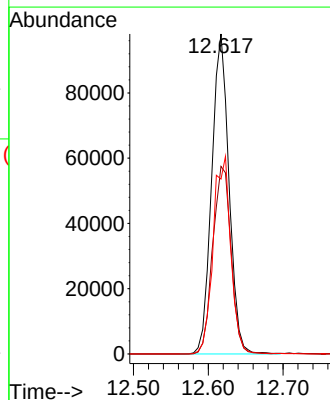
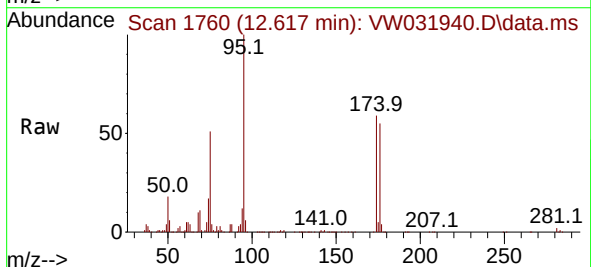
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBL01

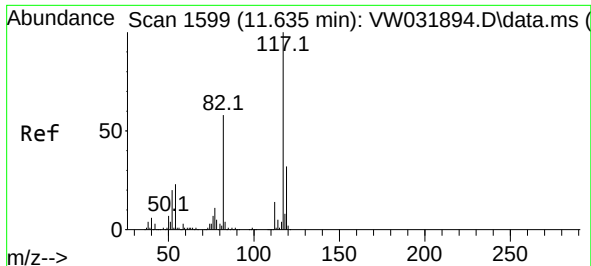
Tgt Ion: 98 Resp: 431990
Ion Ratio Lower Upper
98 100
100 67.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.603 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031940.D
Acq: 28 Jul 2025 11:31

Tgt Ion: 95 Resp: 157628
Ion Ratio Lower Upper
95 100
174 62.1 0.0 129.8
176 62.9 0.0 130.4

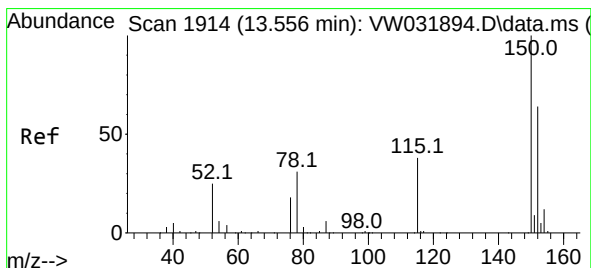
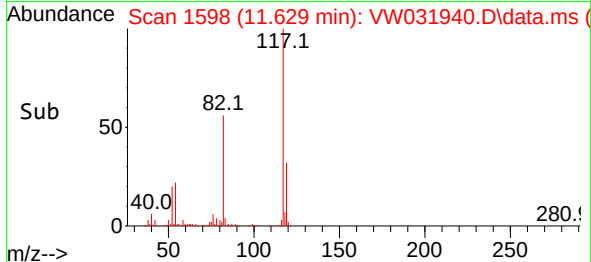
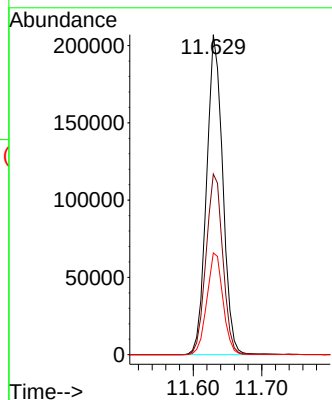
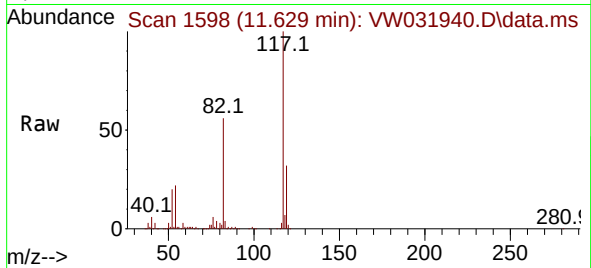




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031940.D
Acq: 28 Jul 2025 11:31

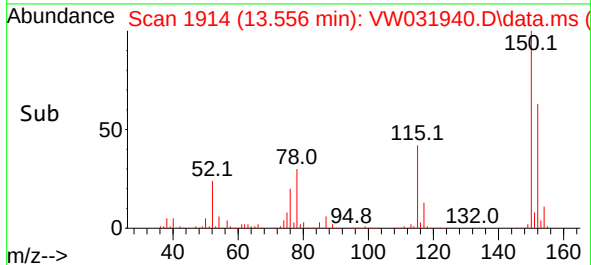
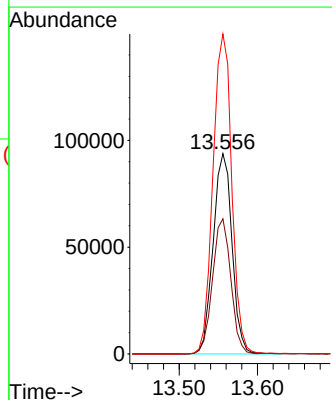
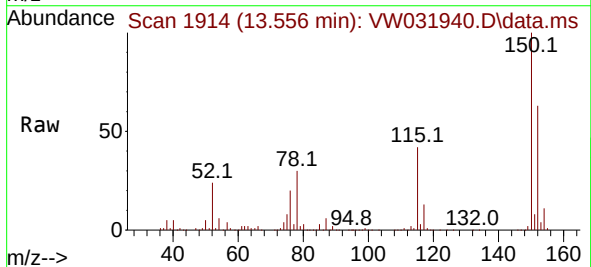
Instrument :
MSVOA_W
ClientSampleId :
VW0728SBL01

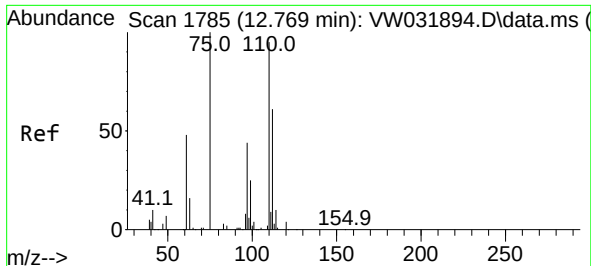
Tgt Ion:117 Resp: 340455
Ion Ratio Lower Upper
117 100
82 56.4 46.5 69.7
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031940.D
Acq: 28 Jul 2025 11:31

Tgt Ion:152 Resp: 157307
Ion Ratio Lower Upper
152 100
115 65.7 33.4 100.1
150 158.6 0.0 352.2

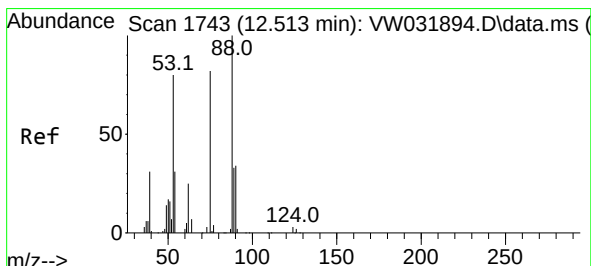
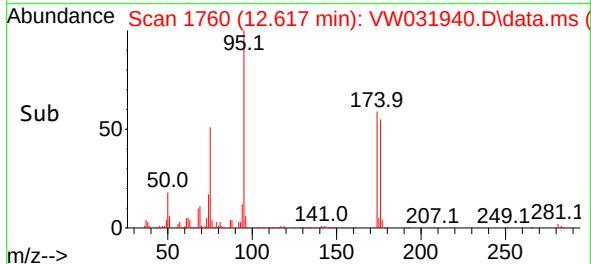
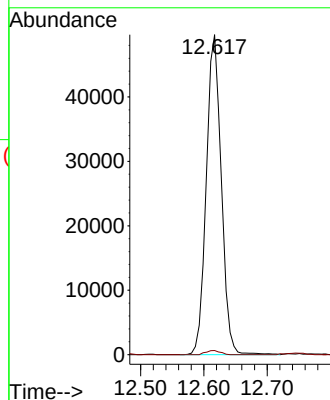
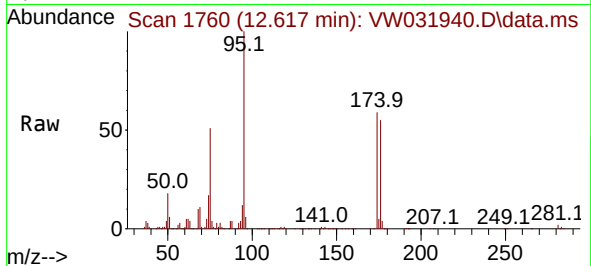




#76
1,2,3-Trichloropropane
Concen: 37.742 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.152 min
Lab File: VW031940.D
Acq: 28 Jul 2025 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0728SBL01

Tgt Ion: 75 Resp: 81971
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.136 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.104 min
Lab File: VW031940.D
Acq: 28 Jul 2025 11:31

Tgt Ion: 75 Resp: 81971
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 39.0 58.6#

