

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032638.D
 Acq On : 11 Dec 2025 17:10
 Operator : SY/MD
 Sample : Q3814-05RE
 Misc : 4.80g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-7

Quant Time: Dec 12 00:46:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	429774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	854206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	727989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	309432	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	338834	50.132	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	100.260%
35) Dibromofluoromethane	7.898	113	274158	45.360	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	90.720%
50) Toluene-d8	10.324	98	976924	44.563	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	89.120%
62) 4-Bromofluorobenzene	12.617	95	315692	39.223	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	78.440%

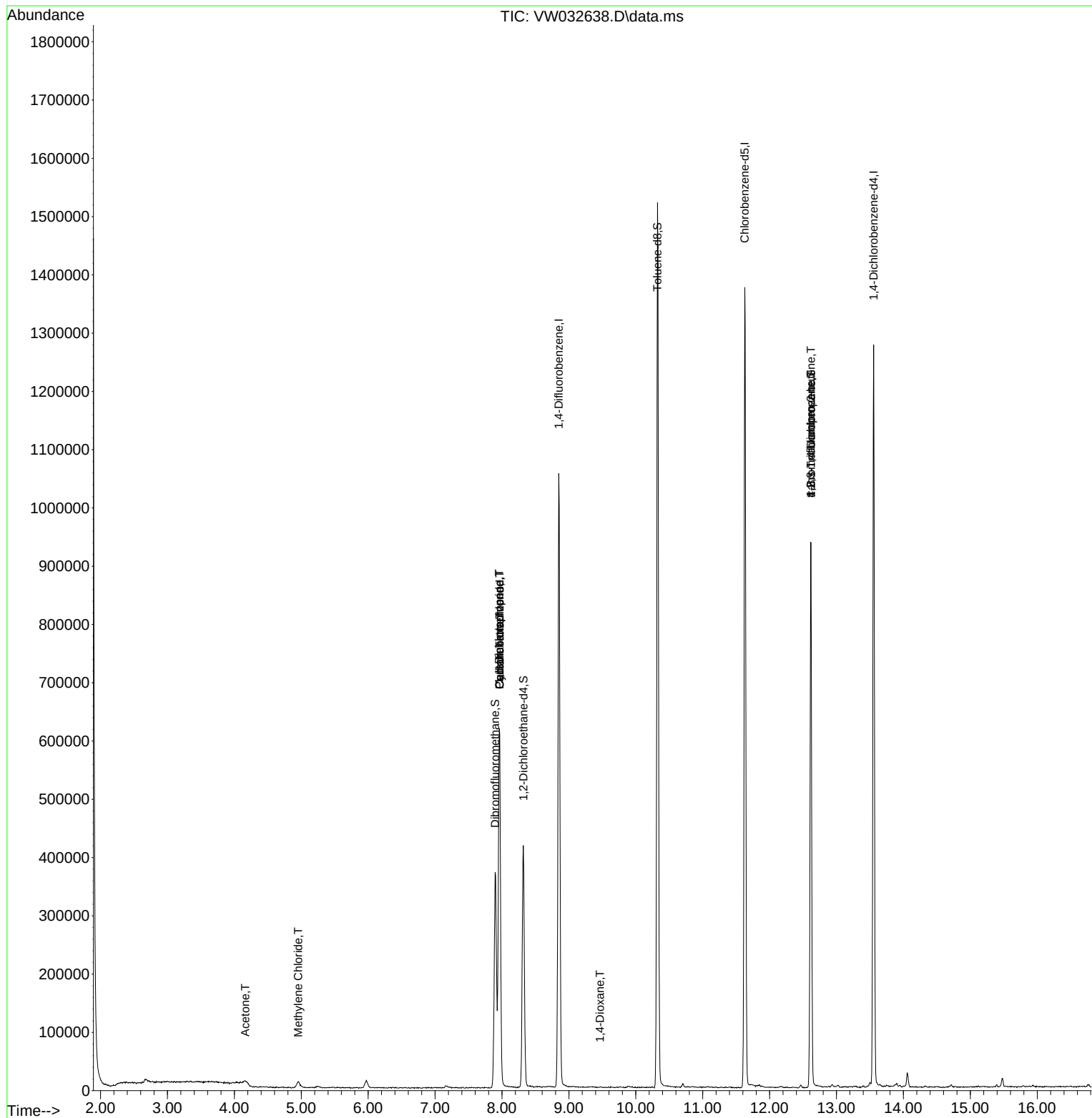
Target Compounds					Qvalue	
16) Acetone	4.161	43	6294	2.795	ug/l	90
20) Methylene Chloride	4.953	84	9069	1.319	ug/l #	89
31) Cyclohexane	7.965	56	12340	1.192	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	41978	4.773	ug/l #	50
38) Carbon Tetrachloride	7.965	117	47952	5.895	ug/l #	17
49) 1,4-Dioxane	9.465	88	105	1.979	ug/l #	9
58) 2-Chloroethyl Vinyl ether	9.922	63	330	Below Cal		90
76) 1,2,3-Trichloropropane	12.617	75	167945	40.447	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	167945	86.539	ug/l #	7
95) Naphthalene	15.366	128	499	Below Cal	#	91

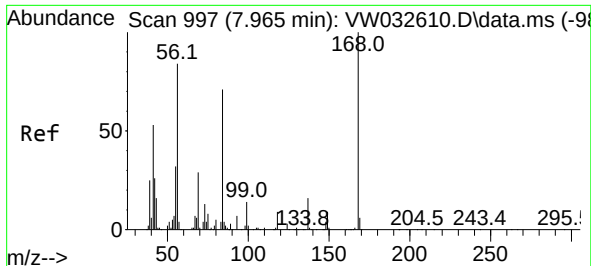
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
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Operator : SY/MD
Sample : Q3814-05RE
Misc : 4.80g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
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Quant Time: Dec 12 00:46:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

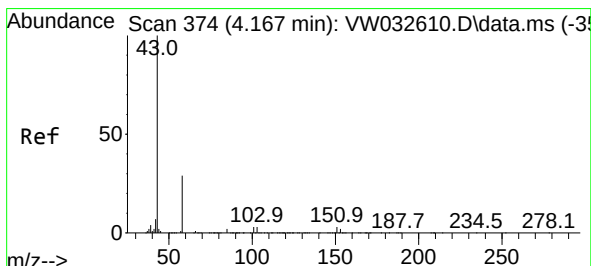
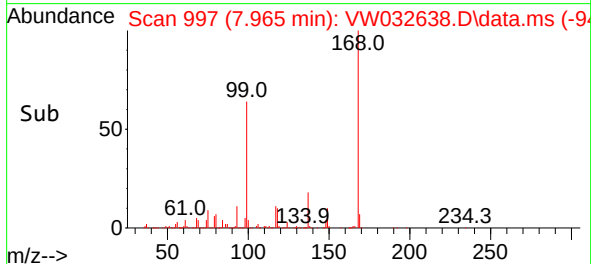
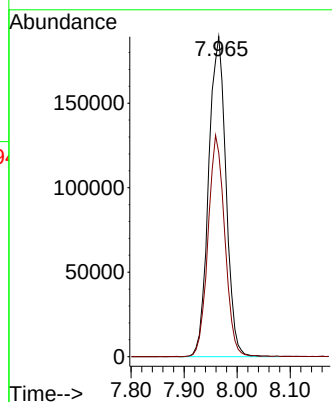
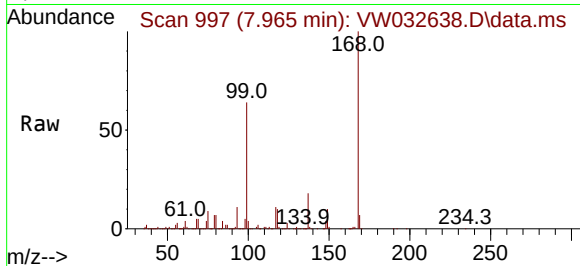




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

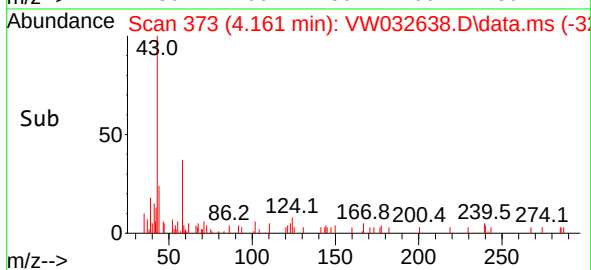
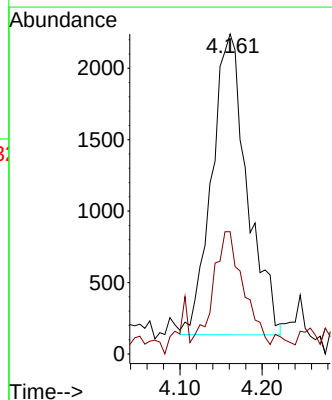
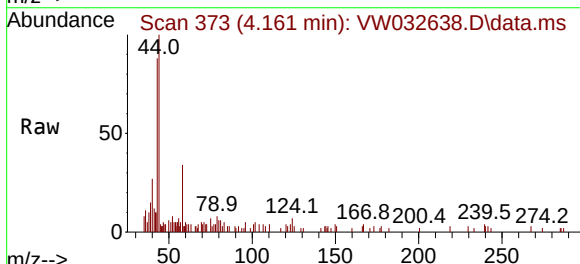
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TP-7

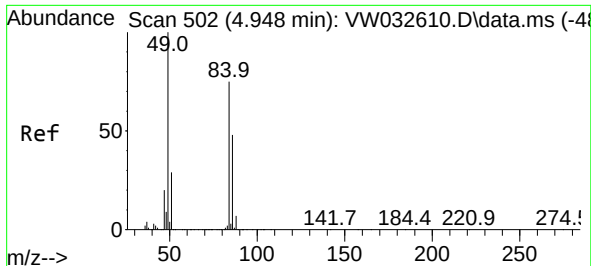
Tgt Ion:168 Resp: 429774
Ion Ratio Lower Upper
168 100
99 63.7 47.8 71.8



#16
Acetone
Concen: 2.795 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

Tgt Ion: 43 Resp: 6294
Ion Ratio Lower Upper
43 100
58 35.4 23.9 35.9

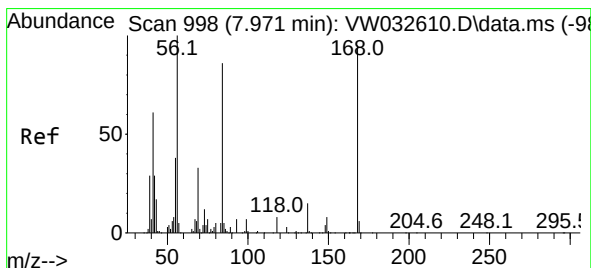
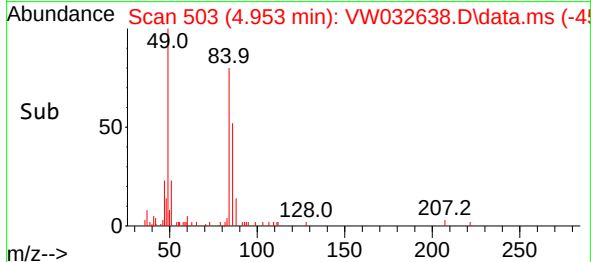
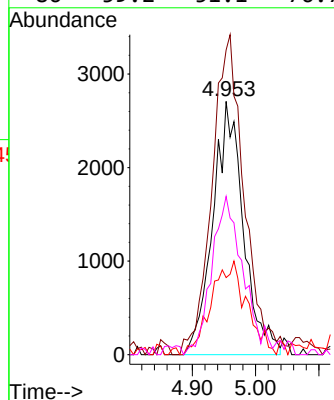
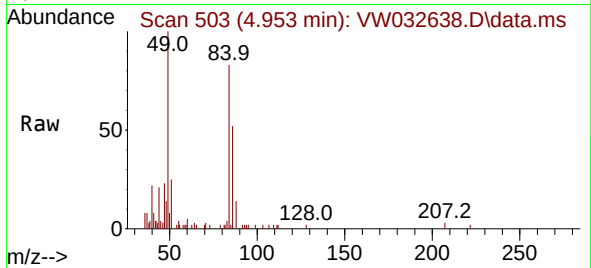




#20
Methylene Chloride
Concen: 1.319 ug/l
RT: 4.953 min Scan# 502
Delta R.T. 0.006 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

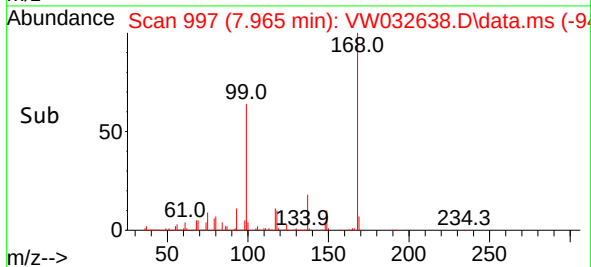
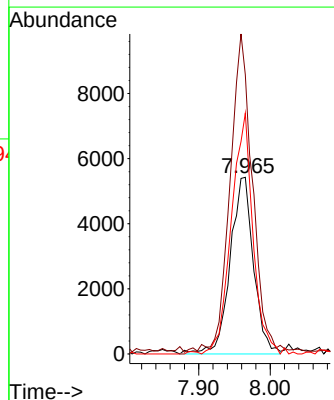
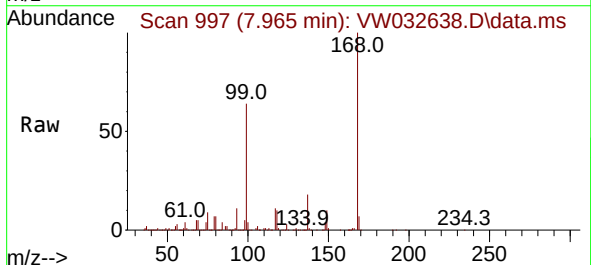
Instrument :
MSVOA_W
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TP-7

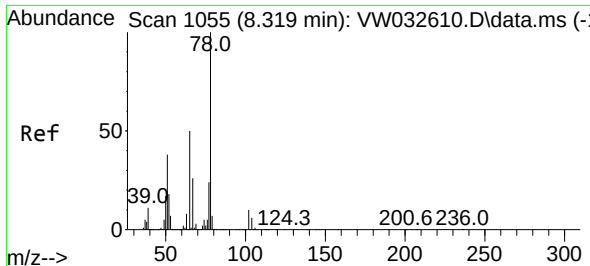
Tgt Ion:	84	Resp:	9069
Ion	Ratio	Lower	Upper
84	100		
49	120.2	106.9	160.3
51	28.3	31.4	47.2#
86	59.2	51.1	76.7



#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

Tgt Ion:	56	Resp:	12340
Ion	Ratio	Lower	Upper
56	100		
69	153.9	26.2	39.2#
84	136.3	68.9	103.3#

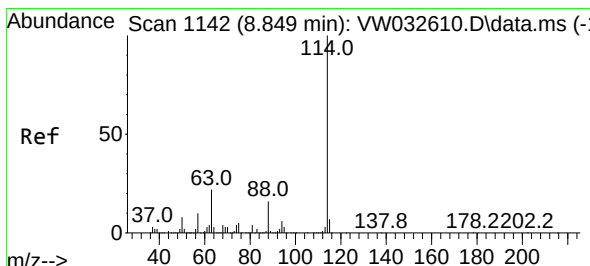
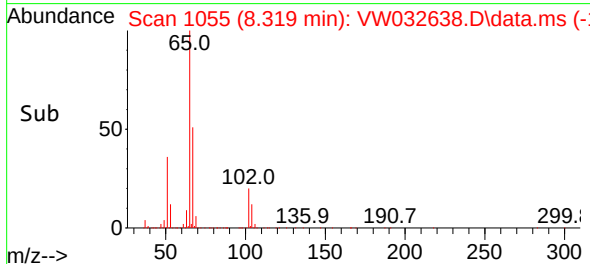
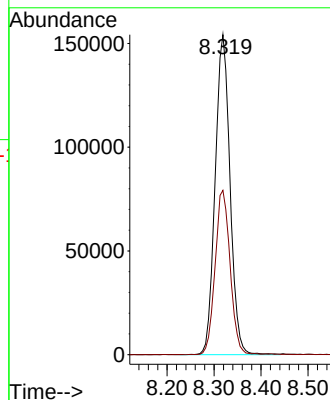
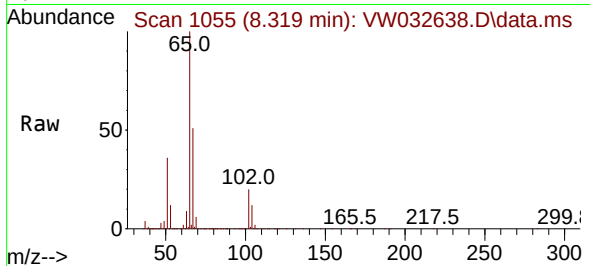




#33
 1,2-Dichloroethane-d4
 Concen: 50.132 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032638.D
 Acq: 11 Dec 2025 17:10

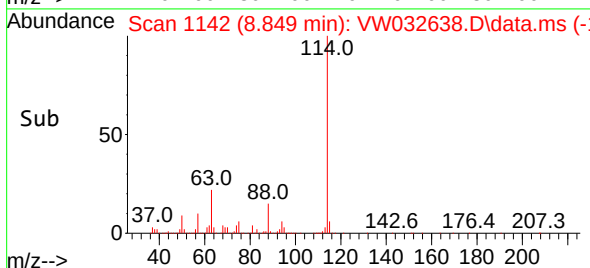
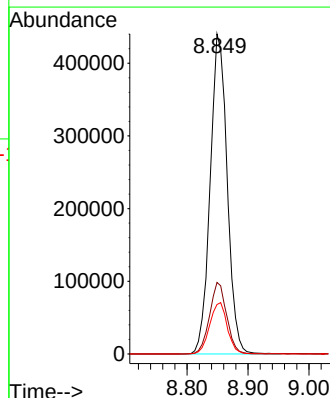
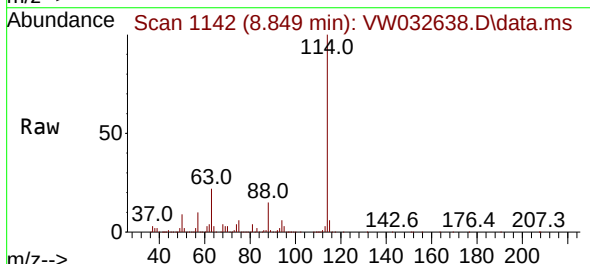
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-7

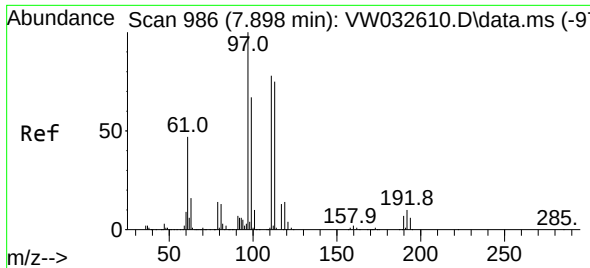
Tgt Ion: 65 Resp: 338834
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032638.D
 Acq: 11 Dec 2025 17:10

Tgt Ion: 114 Resp: 854206
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.6
 88 15.5 0.0 31.8

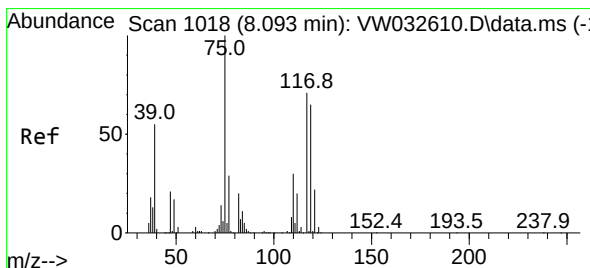
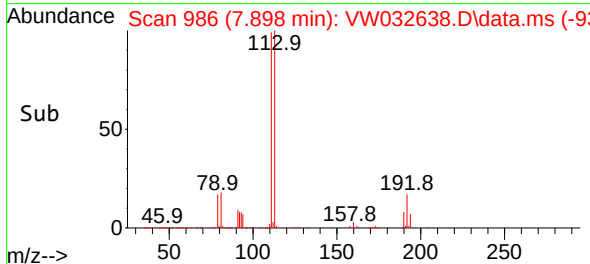
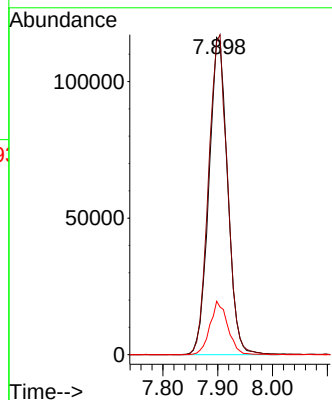
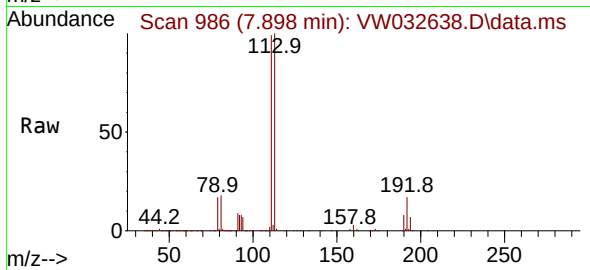




#35
Dibromofluoromethane
Concen: 45.360 ug/l
RT: 7.898 min Scan# 911
Delta R.T. -0.000 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

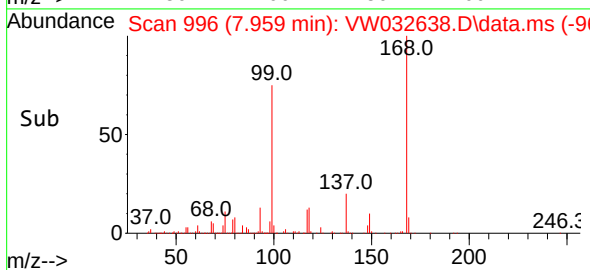
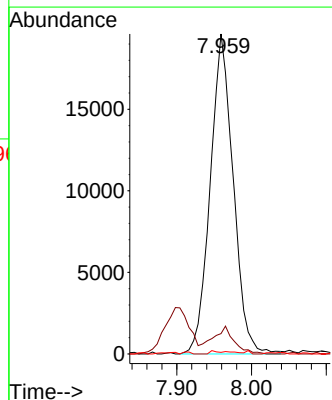
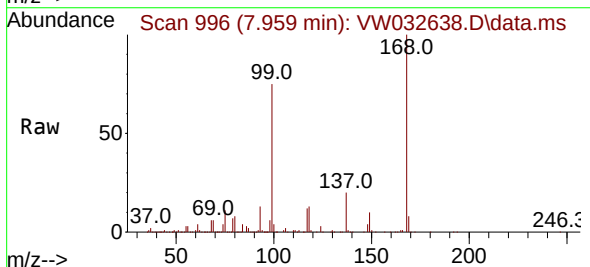
Instrument :
MSVOA_W
ClientSampleId :
TP-7

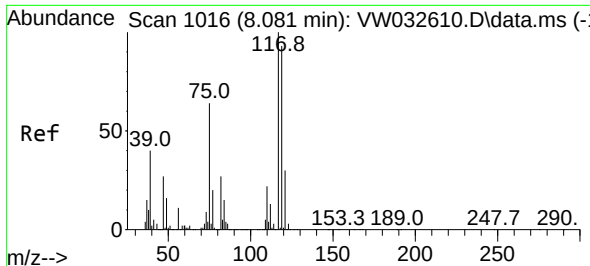
Tgt Ion:113 Resp: 274158
Ion Ratio Lower Upper
113 100
111 102.2 85.2 127.8
192 16.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

Tgt Ion: 75 Resp: 41978
Ion Ratio Lower Upper
75 100
110 7.7 16.3 48.9#
77 0.4 24.6 37.0#

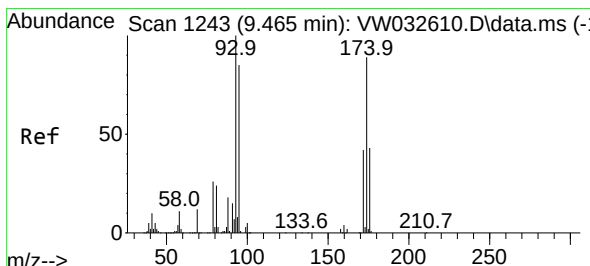
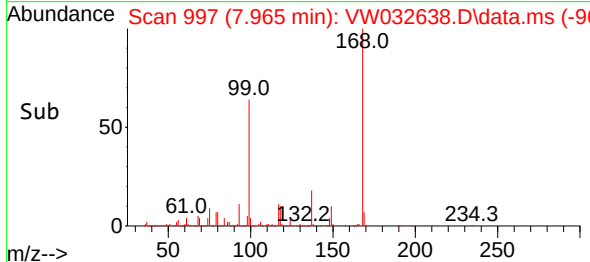
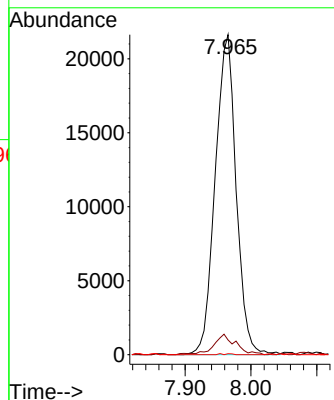
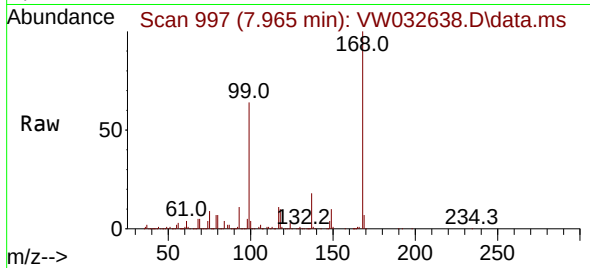




#38
Carbon Tetrachloride
Concen: 5.895 ug/l
RT: 7.965 min Scan# 99
Delta R.T. -0.116 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

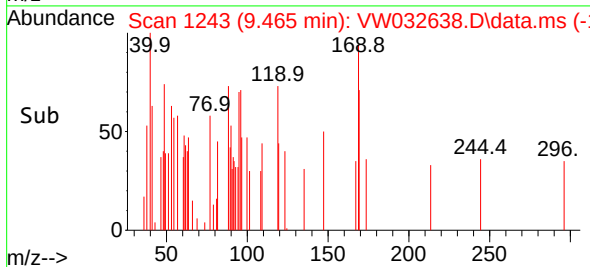
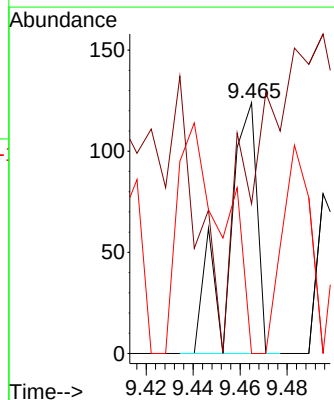
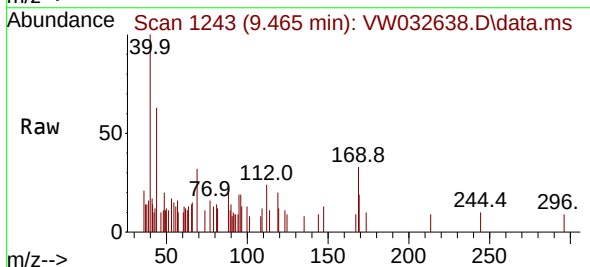
Instrument :
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ClientSampleId :
TP-7

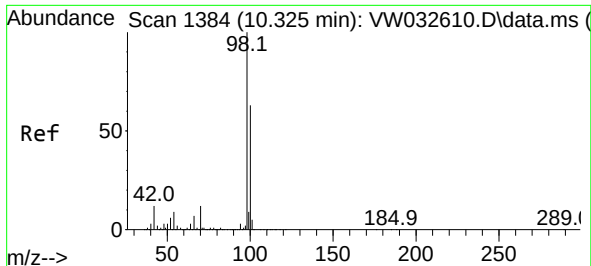
Tgt Ion:117 Resp: 47952
Ion Ratio Lower Upper
117 100
119 4.3 74.3 111.5#
121 0.3 23.6 35.4#



#49
1,4-Dioxane
Concen: 1.979 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

Tgt Ion: 88 Resp: 105
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 63.8 95.8#

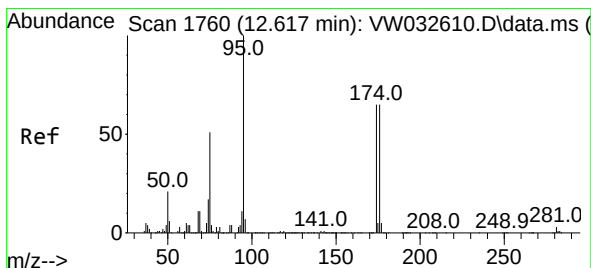
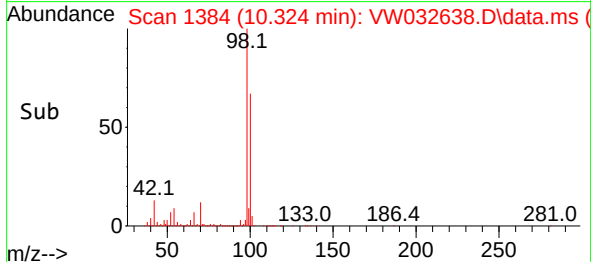
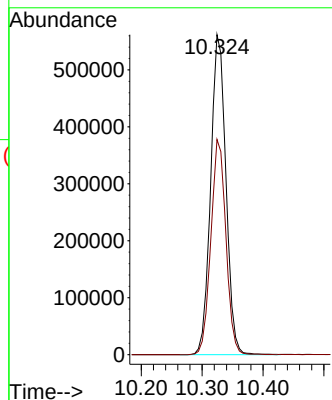
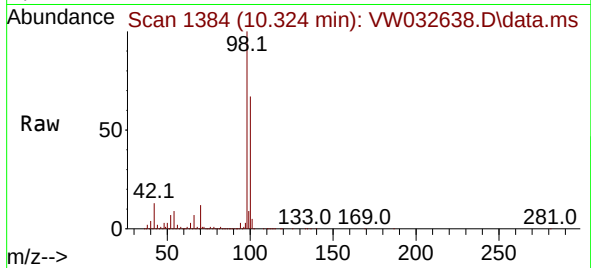




#50
Toluene-d8
Concen: 44.563 ug/l
RT: 10.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

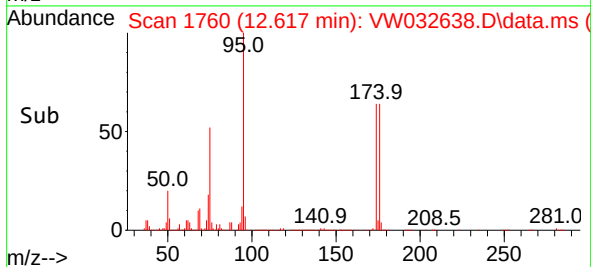
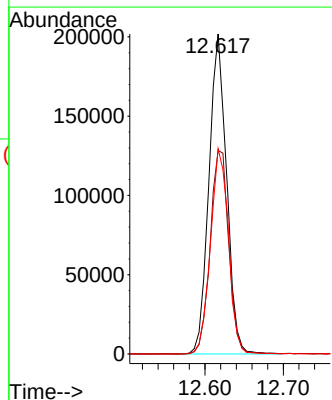
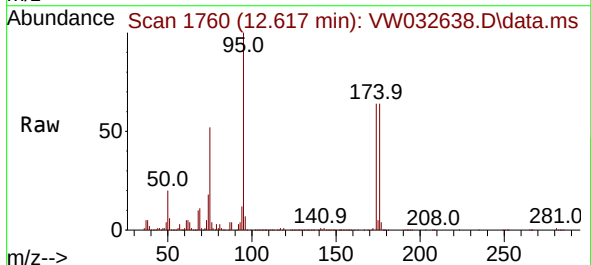
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MSVOA_W
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TP-7

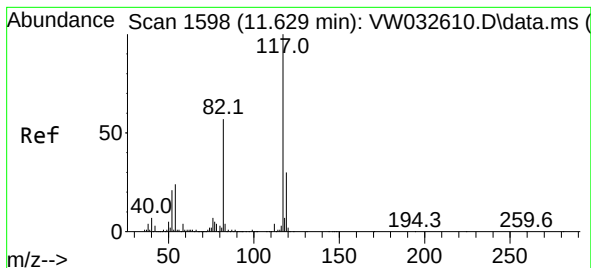
Tgt Ion: 98 Resp: 976924
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 39.223 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

Tgt Ion: 95 Resp: 315692
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.0
176 65.3 0.0 123.4

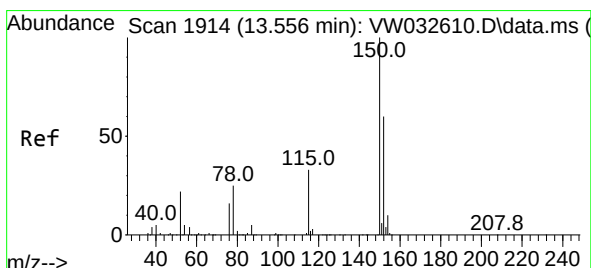
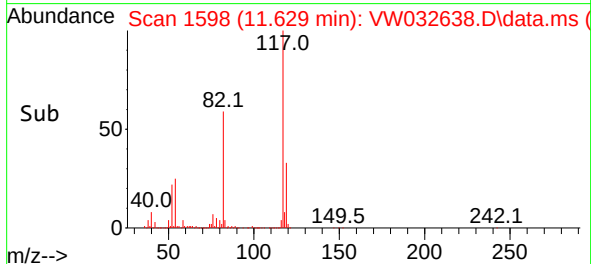
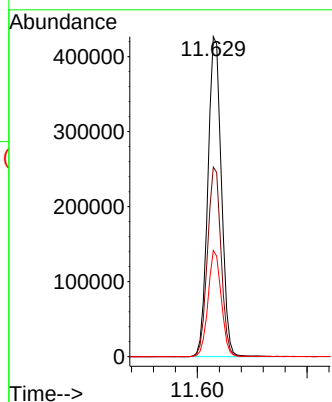
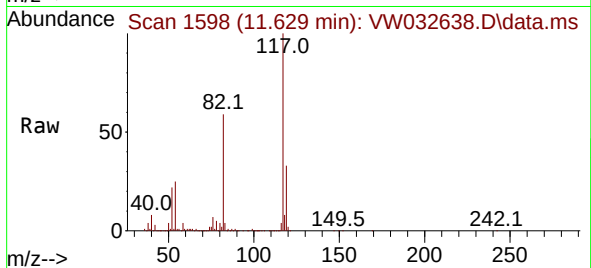




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

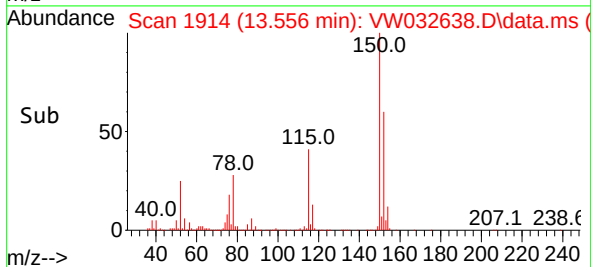
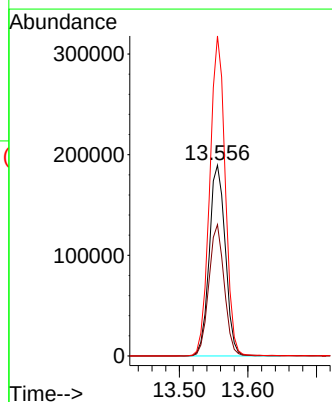
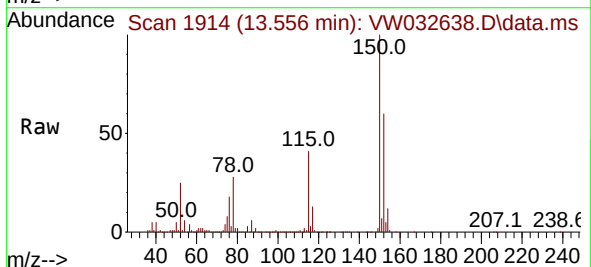
Instrument :
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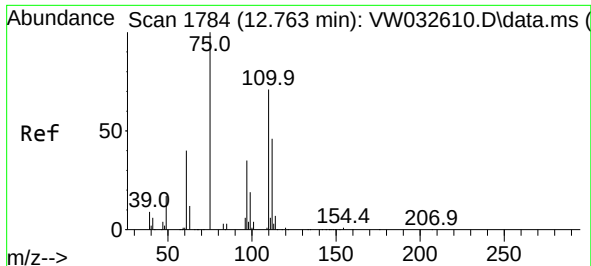
Tgt Ion:117 Resp: 727989
Ion Ratio Lower Upper
117 100
82 59.2 45.5 68.3
119 33.2 23.8 35.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

Tgt Ion:152 Resp: 309432
Ion Ratio Lower Upper
152 100
115 66.3 33.8 101.3
150 162.0 0.0 369.4

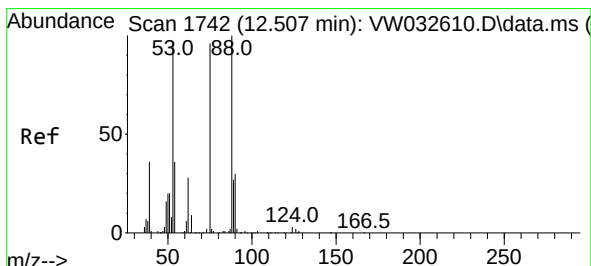
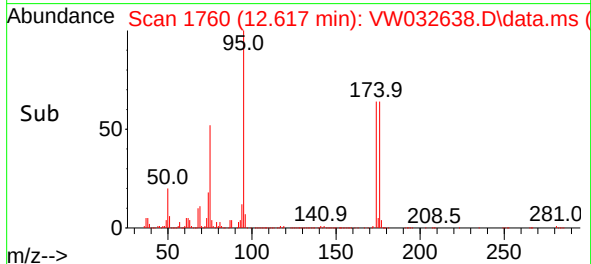
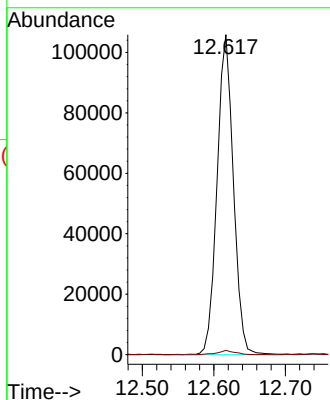
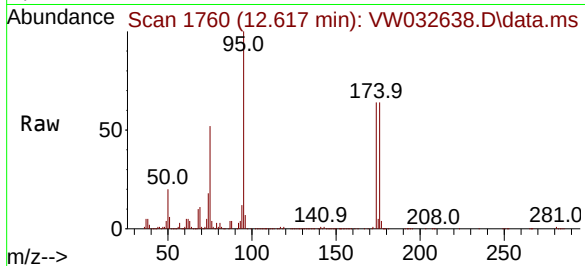




#76
1,2,3-Trichloropropane
Concen: 40.447 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.147 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

Instrument :
MSVOA_W
ClientSampleId :
TP-7

Tgt Ion: 75 Resp: 167945
Ion Ratio Lower Upper
75 100
77 1.4 154.0 462.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.539 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW032638.D
Acq: 11 Dec 2025 17:10

Tgt Ion: 75 Resp: 167945
Ion Ratio Lower Upper
75 100
53 0.3 86.1 129.1#
89 0.0 37.4 56.2#

