

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032636.D
 Acq On : 11 Dec 2025 16:27
 Operator : SY/MD
 Sample : Q3826-13
 Misc : 5.21g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3

Quant Time: Dec 12 00:46:04 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)

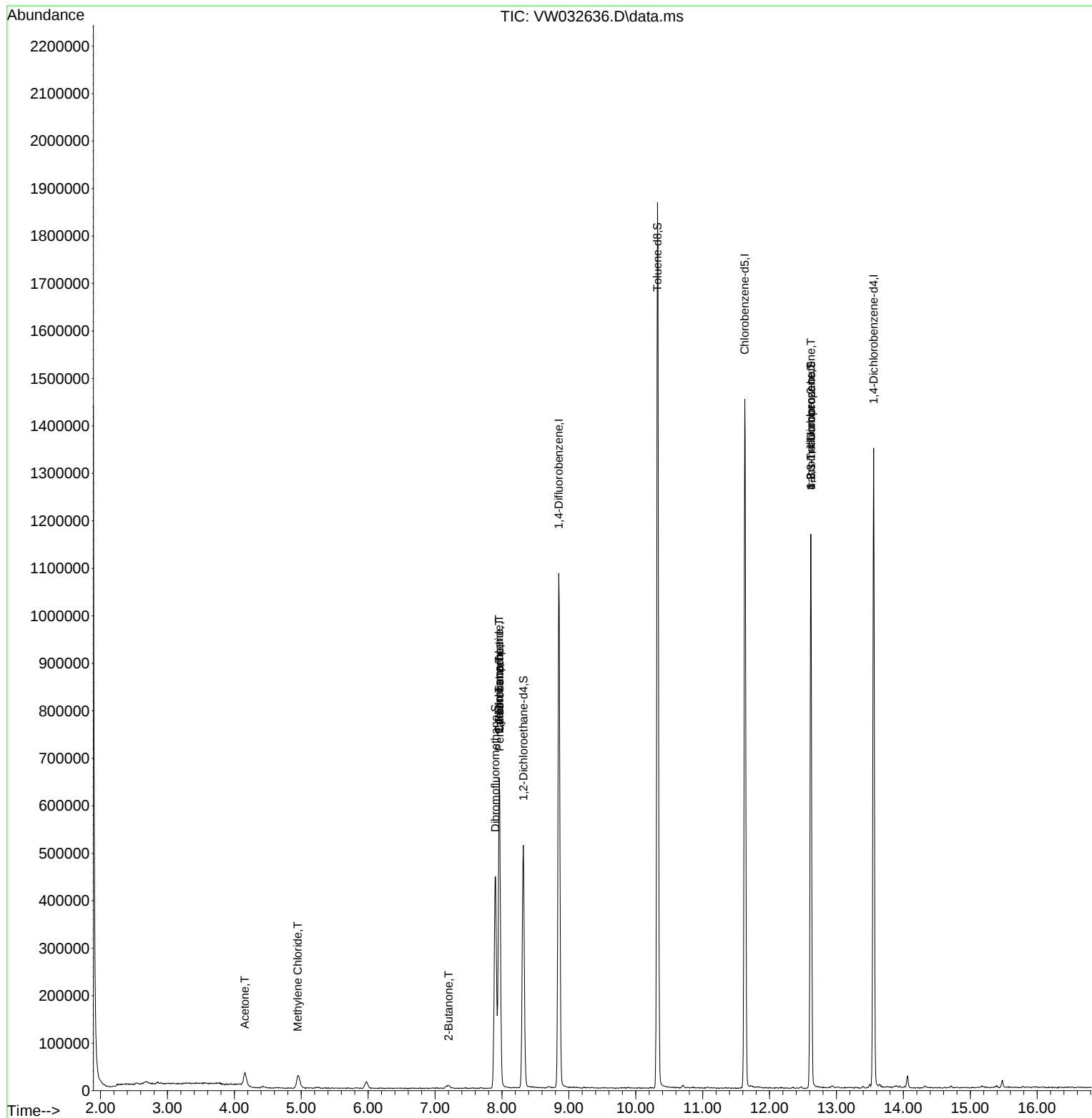
Internal Standards						
1) Pentafluorobenzene	7.965	168	429350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	875886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	773630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	334758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	413765	60.518	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 121.040%		
35) Dibromofluoromethane	7.898	113	329317	52.573	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 105.140%		
50) Toluene-d8	10.325	98	1196305	53.220	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 106.440%		
62) 4-Bromofluorobenzene	12.617	95	391537	47.443	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 94.880%		
Target Compounds						
					Qvalue	
16) Acetone	4.155	43	47131	20.954	ug/l	97
20) Methylene Chloride	4.948	84	22656	3.299	ug/l	98
25) 2-Butanone	7.203	43	9941	3.761	ug/l #	90
31) Cyclohexane	7.959	56	11841	1.145	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	42117	4.671	ug/l #	51
38) Carbon Tetrachloride	7.959	117	49164	5.894	ug/l #	17
58) 2-Chloroethyl Vinyl ether	10.020	63	119	Below Cal		95
76) 1,2,3-Trichloropropane	12.617	75	209330	46.600	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	209330	95.347	ug/l #	7
95) Naphthalene	15.367	128	702	Below Cal	#	86

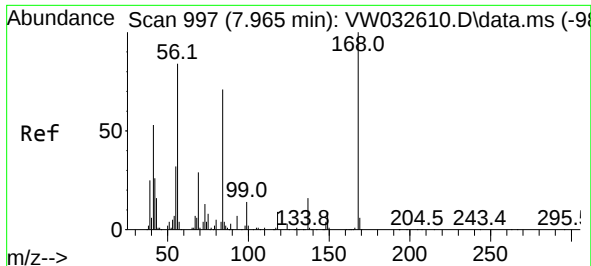
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 12 00:46:04 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

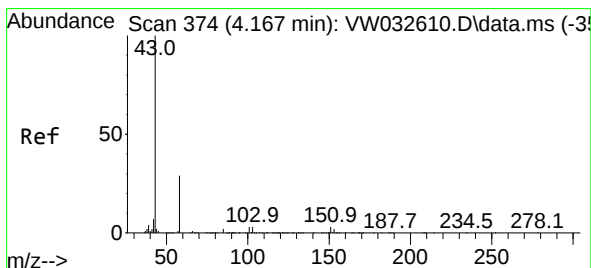
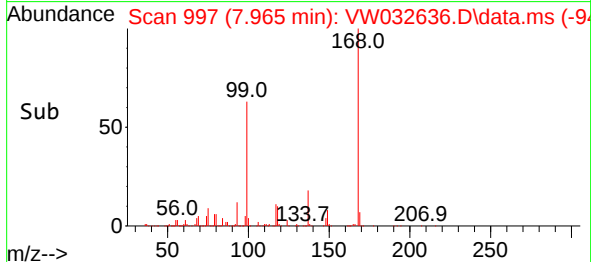
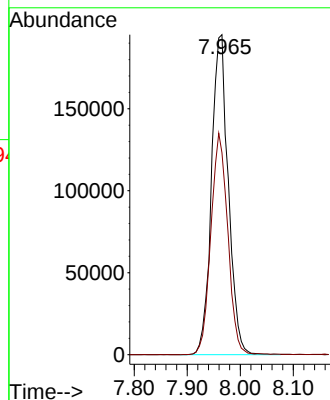
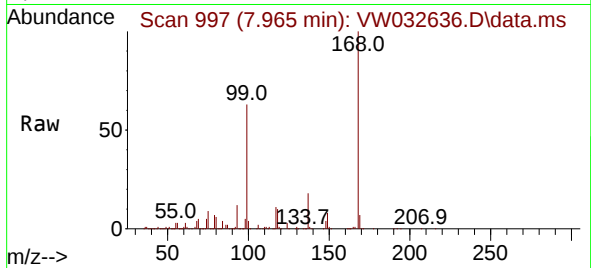




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

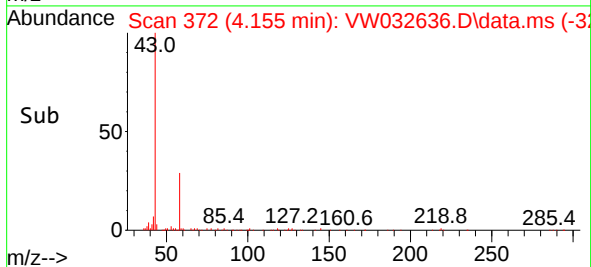
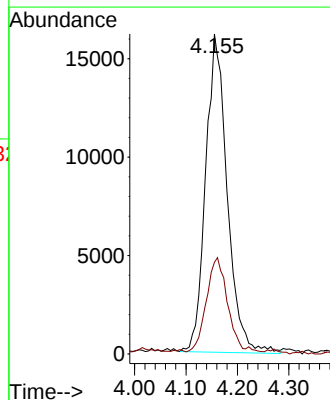
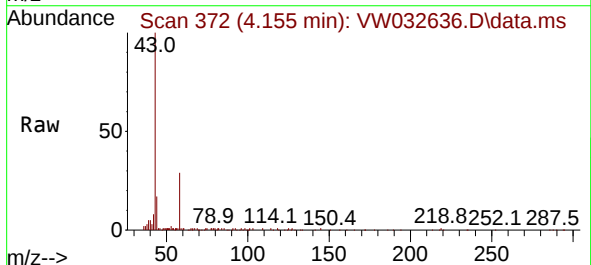
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MSVOA_W
ClientSampleId :
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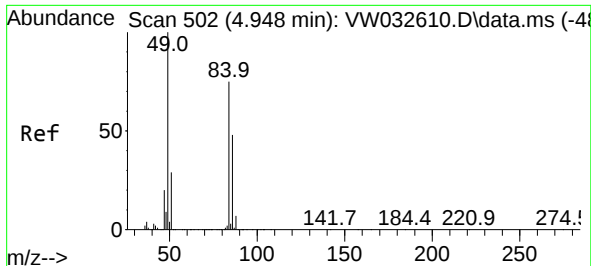
Tgt Ion:168 Resp: 429350
Ion Ratio Lower Upper
168 100
99 63.1 47.8 71.8



#16
Acetone
Concen: 20.954 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

Tgt Ion: 43 Resp: 47131
Ion Ratio Lower Upper
43 100
58 28.2 23.9 35.9

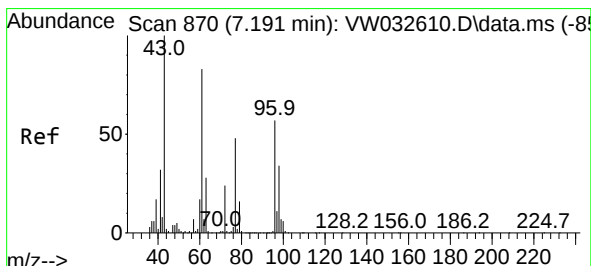
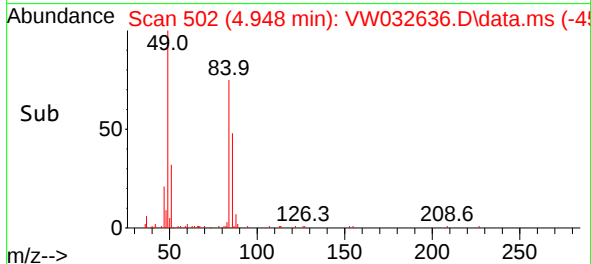
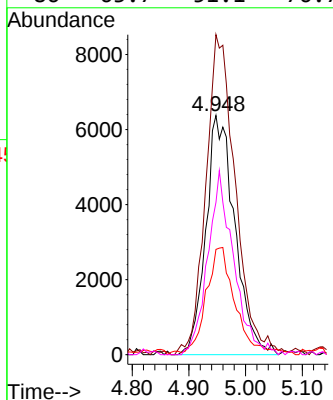
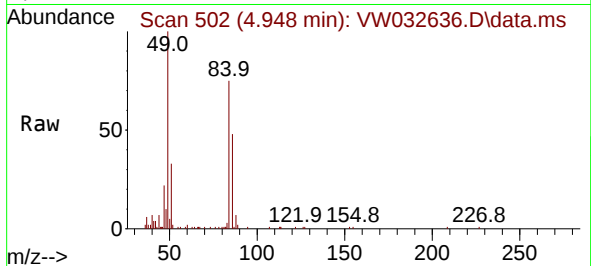




#20
Methylene Chloride
Concen: 3.299 ug/l
RT: 4.948 min Scan# 502
Delta R.T. 0.000 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

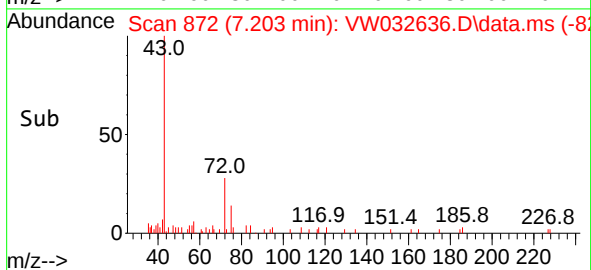
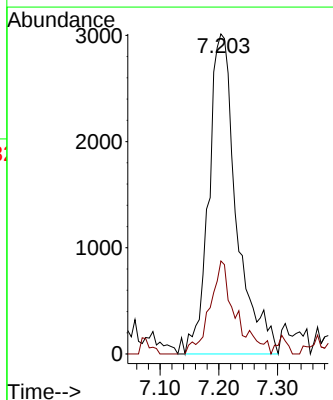
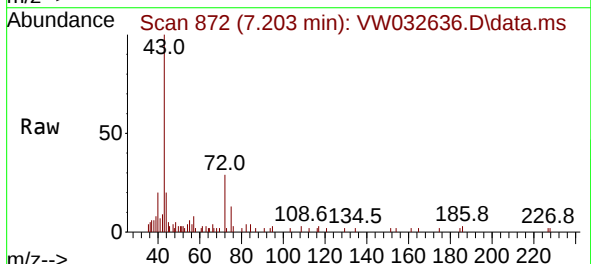
Instrument :
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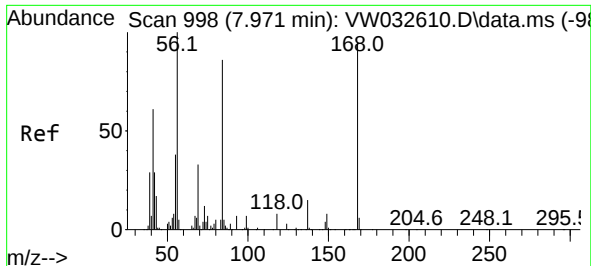
Tgt Ion:	84	Resp:	22656
Ion	Ratio	Lower	Upper
84	100		
49	132.1	106.9	160.3
51	42.6	31.4	47.2
86	63.7	51.1	76.7



#25
2-Butanone
Concen: 3.761 ug/l
RT: 7.203 min Scan# 872
Delta R.T. 0.012 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

Tgt Ion:	43	Resp:	9941
Ion	Ratio	Lower	Upper
43	100		
72	29.1	19.4	29.0#

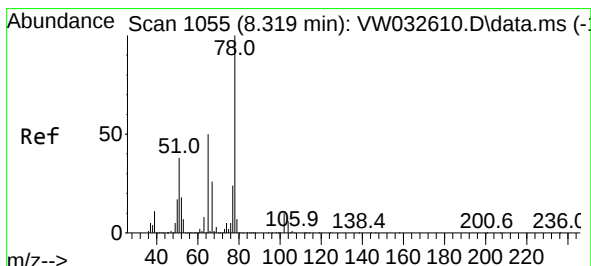
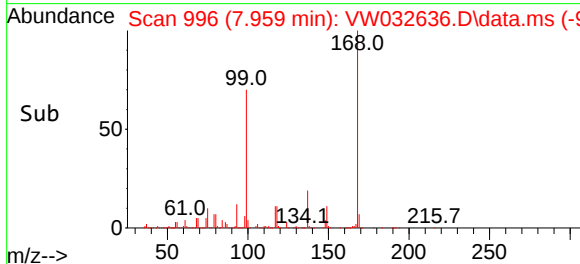
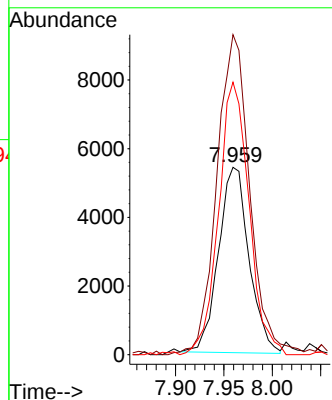
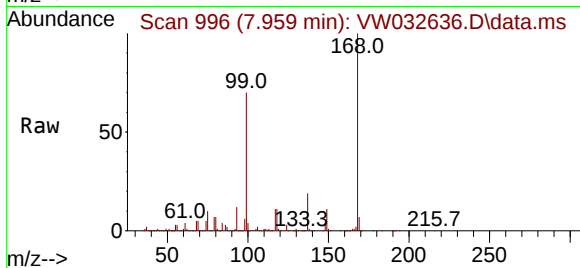




#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

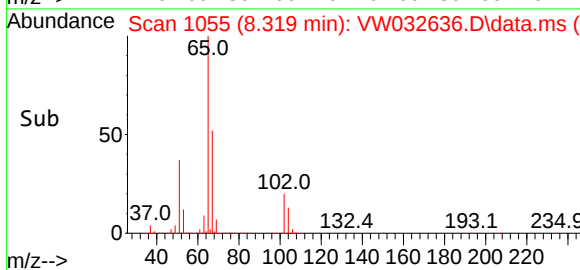
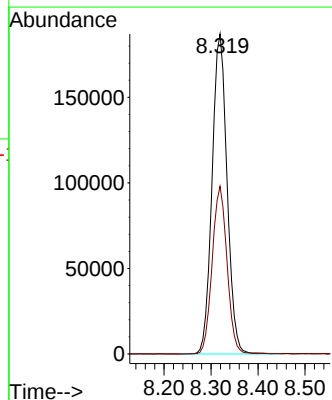
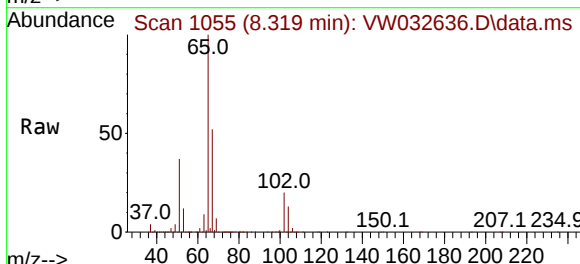
Instrument :
MSVOA_W
ClientSampleId :
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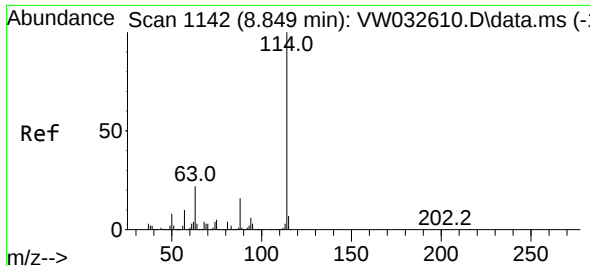
Tgt Ion: 56 Resp: 11841
Ion Ratio Lower Upper
56 100
69 172.0 26.2 39.2#
84 147.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 60.518 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

Tgt Ion: 65 Resp: 413765
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6

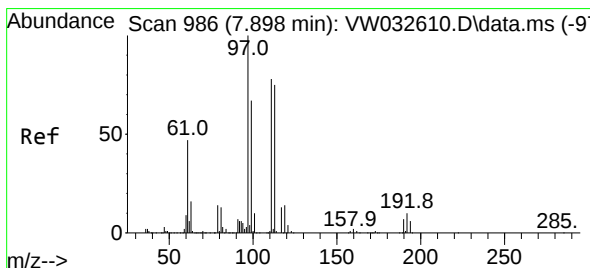
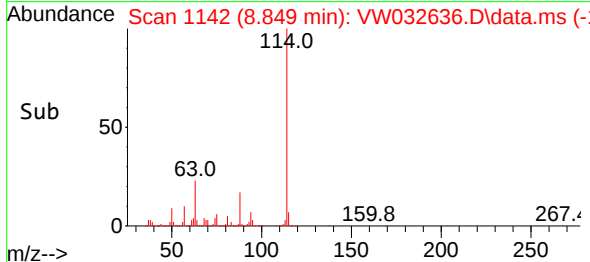
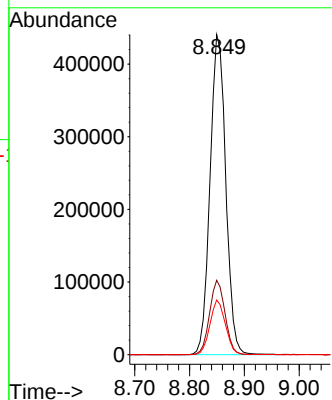
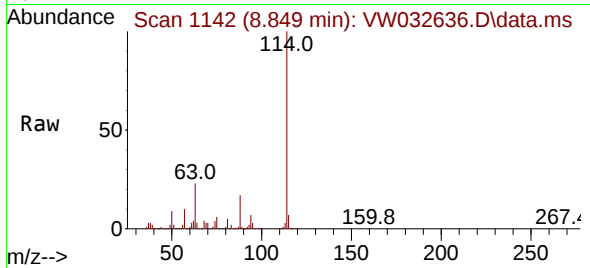




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

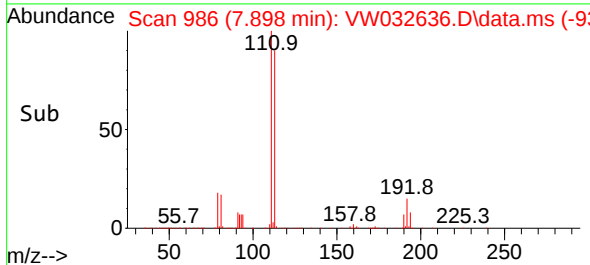
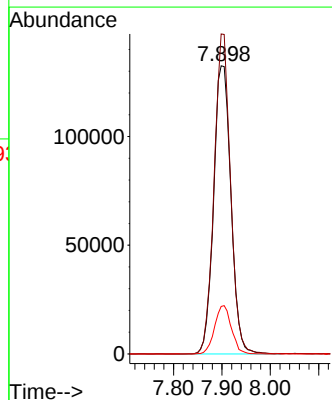
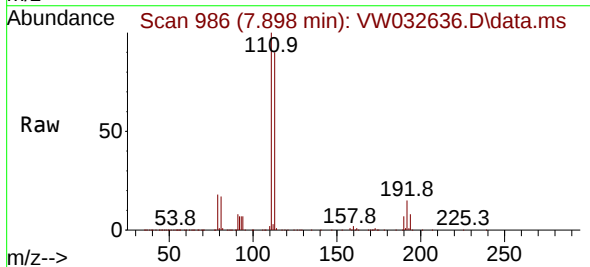
Instrument :
MSVOA_W
ClientSampleId :
TP-3

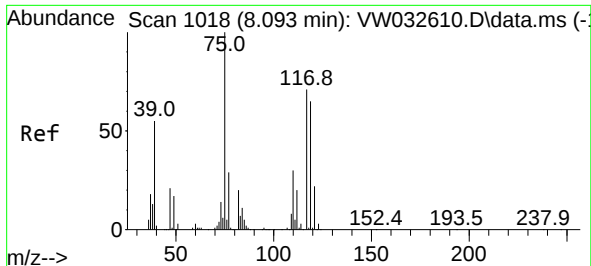
Tgt Ion:114 Resp: 875886
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.6
88 17.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.573 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.000 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

Tgt Ion:113 Resp: 329317
Ion Ratio Lower Upper
113 100
111 105.0 85.2 127.8
192 16.3 13.3 19.9

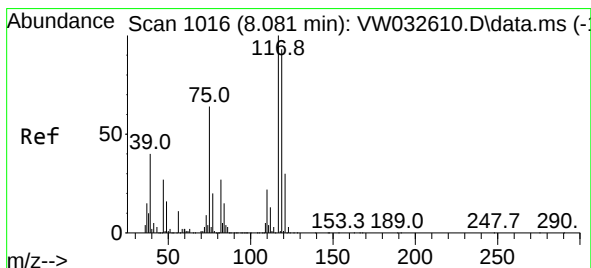
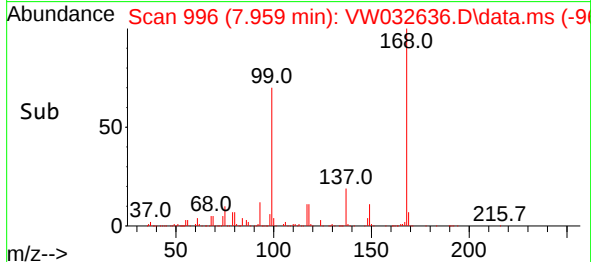
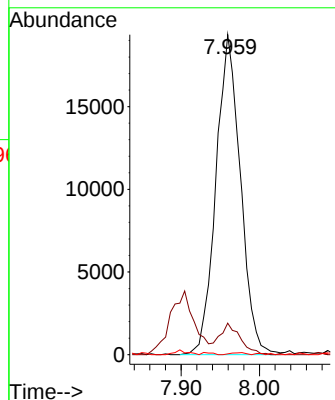
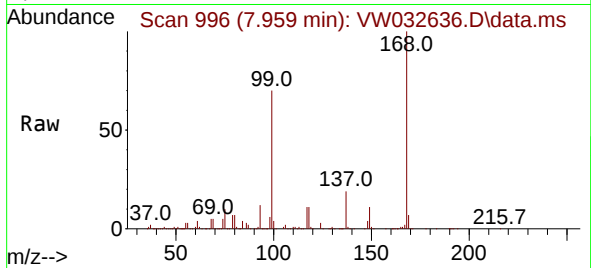




#36
 1,1-Dichloropropene
 Concen: 4.671 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW032636.D
 Acq: 11 Dec 2025 16:27

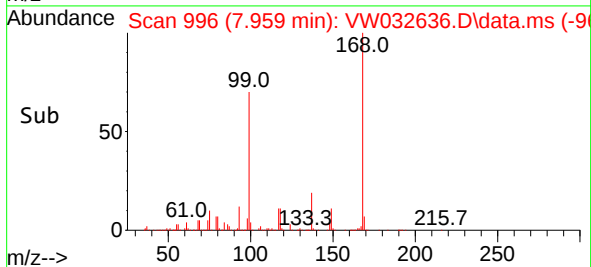
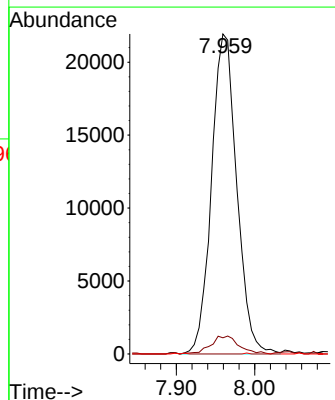
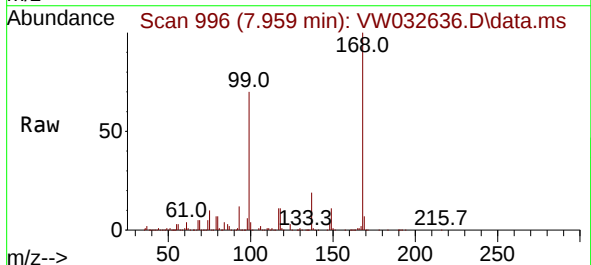
Instrument :
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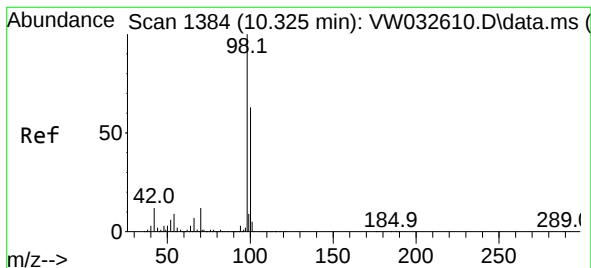
Tgt Ion: 75 Resp: 42117
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.3 48.9#
 77 0.4 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.894 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.122 min
 Lab File: VW032636.D
 Acq: 11 Dec 2025 16:27

Tgt Ion: 117 Resp: 49164
 Ion Ratio Lower Upper
 117 100
 119 5.0 74.3 111.5#
 121 0.0 23.6 35.4#

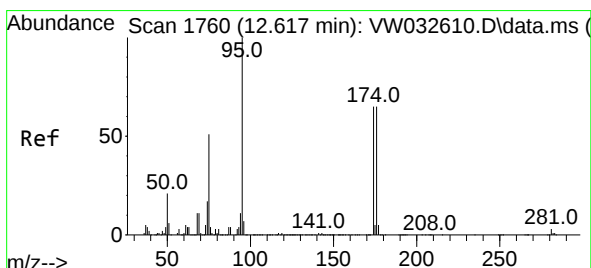
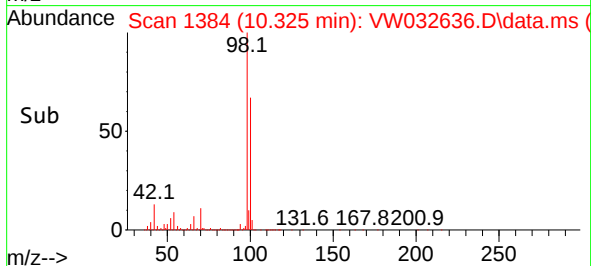
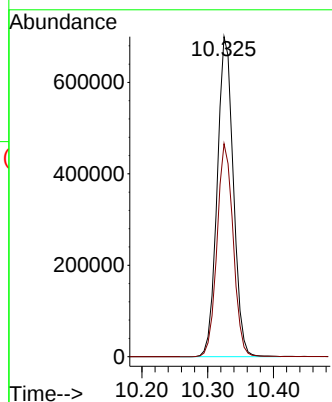
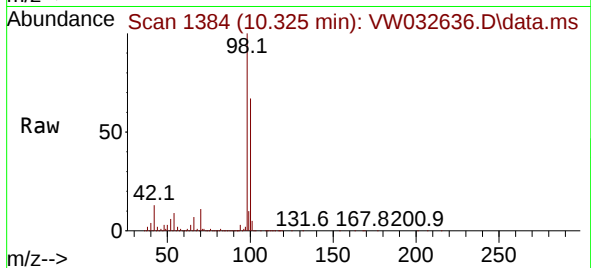




#50
Toluene-d8
Concen: 53.220 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

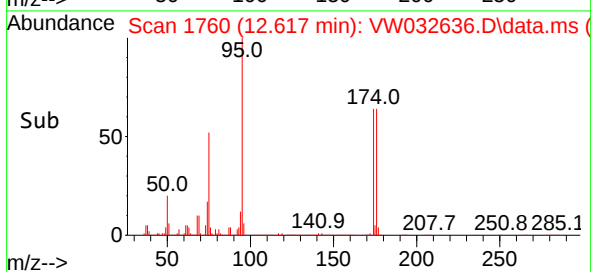
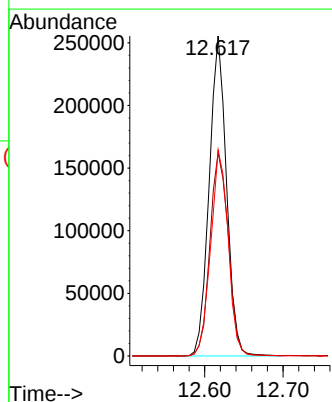
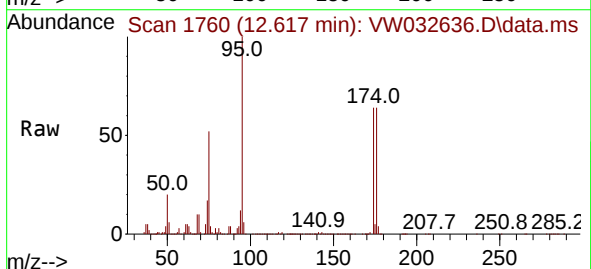
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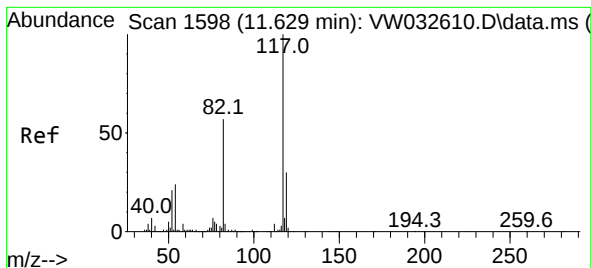
Tgt Ion: 98 Resp: 1196305
Ion Ratio Lower Upper
98 100
100 66.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.443 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

Tgt Ion: 95 Resp: 391537
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.0
176 65.2 0.0 123.4

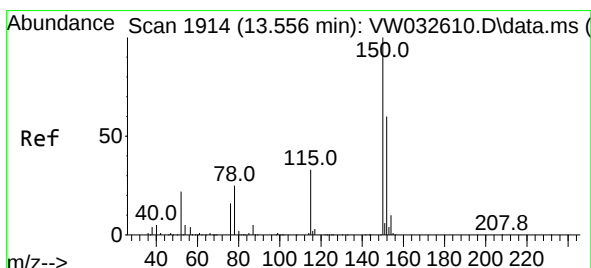
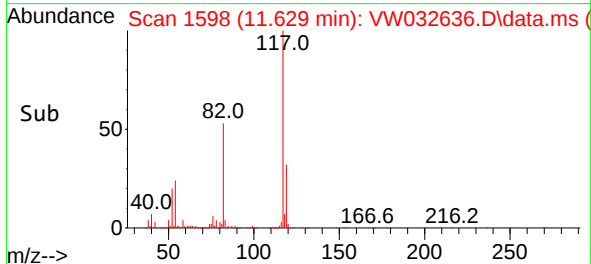
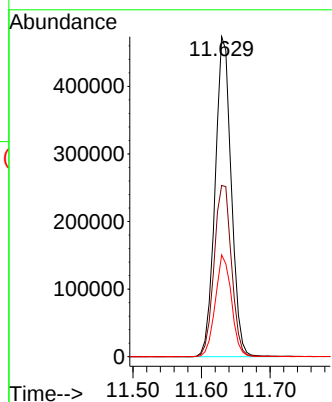
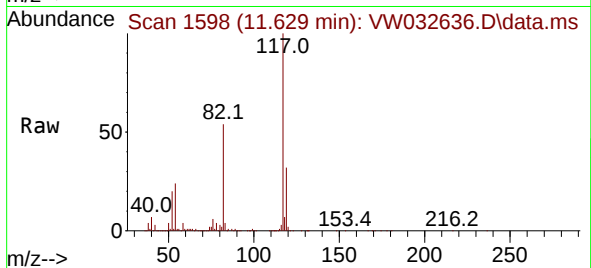




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

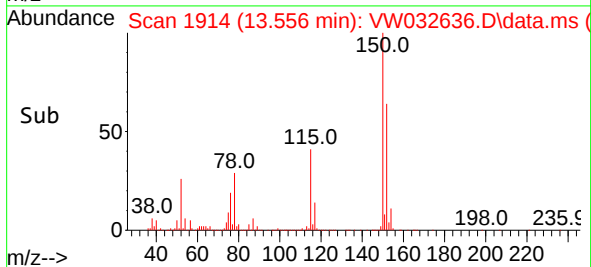
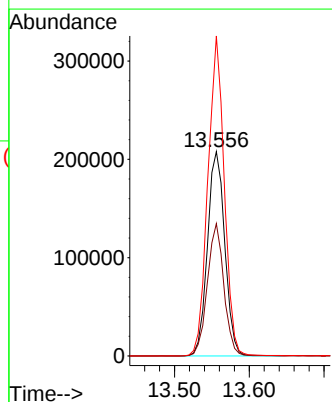
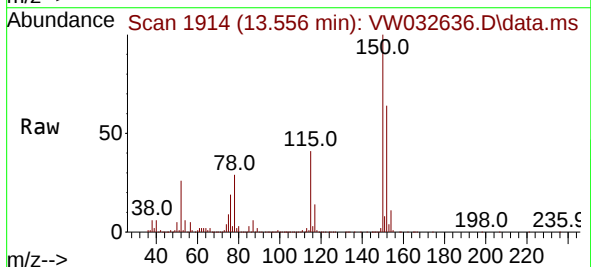
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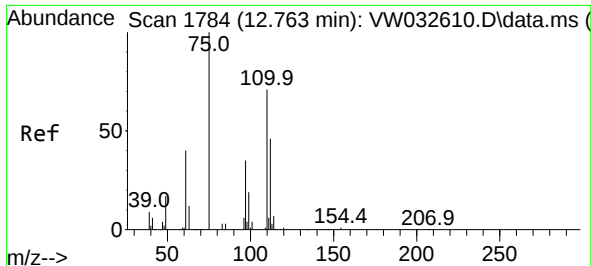
Tgt Ion:117 Resp: 773630
Ion Ratio Lower Upper
117 100
82 53.5 45.5 68.3
119 31.8 23.8 35.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

Tgt Ion:152 Resp: 334758
Ion Ratio Lower Upper
152 100
115 61.8 33.8 101.3
150 148.0 0.0 369.4

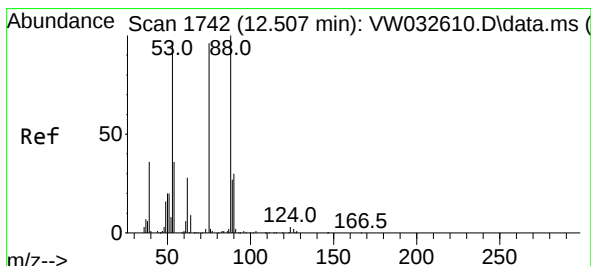
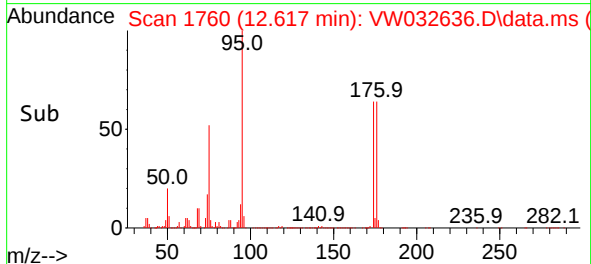
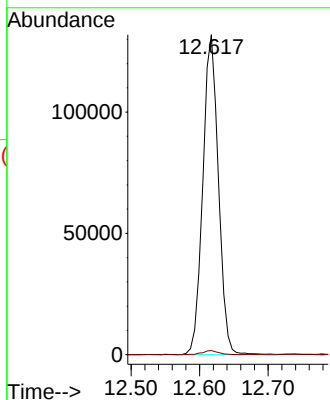
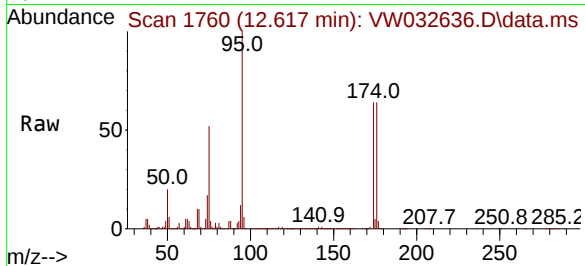




#76
1,2,3-Trichloropropane
Concen: 46.600 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

Instrument :
MSVOA_W
ClientSampleId :
TP-3

Tgt Ion: 75 Resp: 209330
Ion Ratio Lower Upper
75 100
77 1.3 154.0 462.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.347 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW032636.D
Acq: 11 Dec 2025 16:27

Tgt Ion: 75 Resp: 209330
Ion Ratio Lower Upper
75 100
53 0.3 86.1 129.1#
89 0.1 37.4 56.2#

