

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032632.D
 Acq On : 11 Dec 2025 14:59
 Operator : SY/MD
 Sample : Q3826-05
 Misc : 5.32g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-15

Quant Time: Dec 12 00:44:47 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)

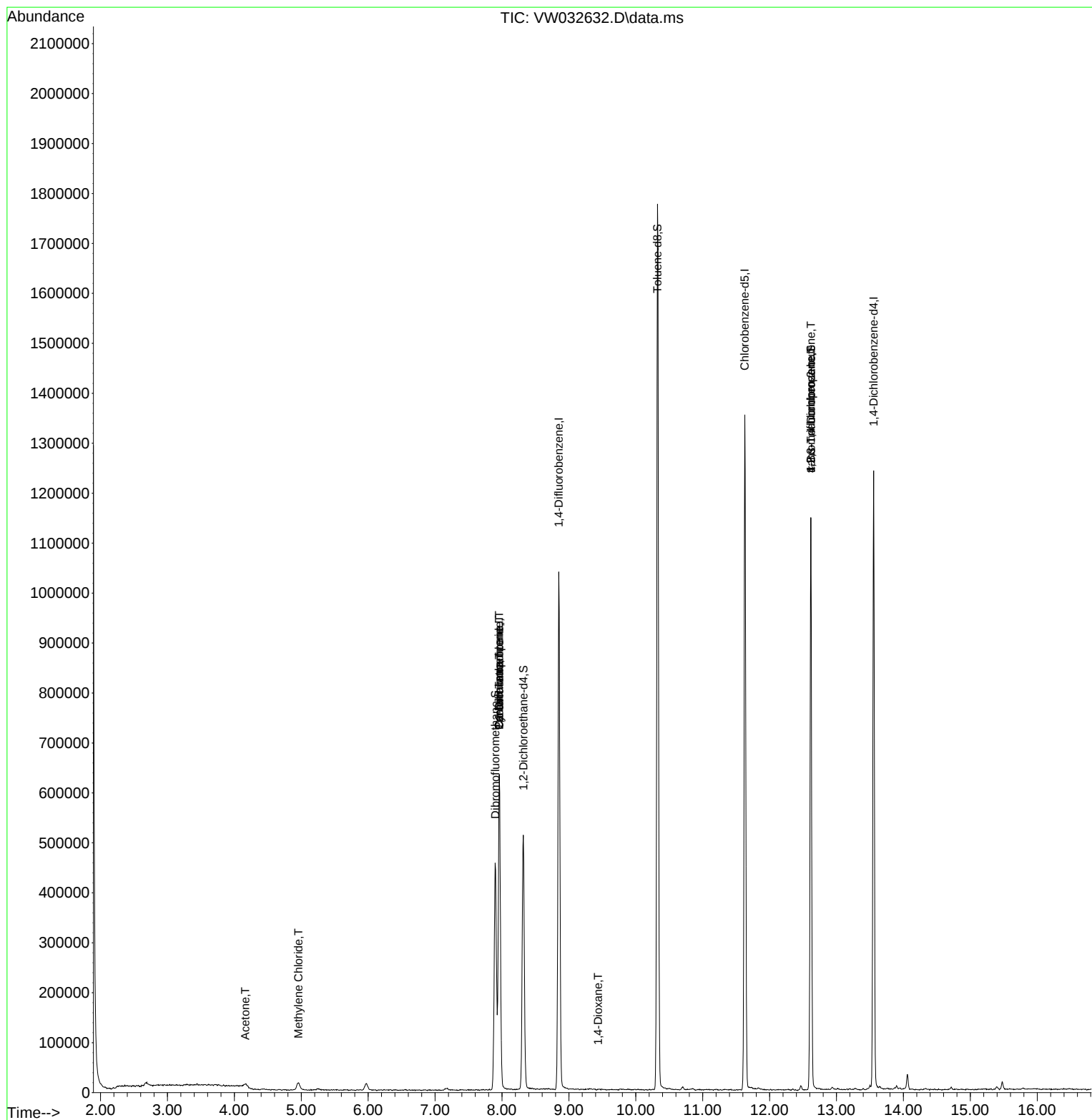
Internal Standards						
1) Pentafluorobenzene	7.959	168	421663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	819638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	707219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	304397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	415414	61.791	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 123.580%		
35) Dibromofluoromethane	7.898	113	333483	56.621	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 113.240%		
50) Toluene-d8	10.325	98	1151050	54.721	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 109.440%		
62) 4-Bromofluorobenzene	12.617	95	392080	50.769	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 101.540%		
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	7324	3.315	ug/l	92
20) Methylene Chloride	4.960	84	12073	1.790	ug/l #	93
31) Cyclohexane	7.959	56	11420	1.124	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	41236	4.887	ug/l #	50
38) Carbon Tetrachloride	7.959	117	48251	6.182	ug/l #	18
49) 1,4-Dioxane	9.435	88	72	1.414	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.044	63	93	Below Cal		97
76) 1,2,3-Trichloropropane	12.617	75	206581	50.575	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	206581	100.749	ug/l #	7
95) Naphthalene	15.360	128	690	Below Cal	#	92

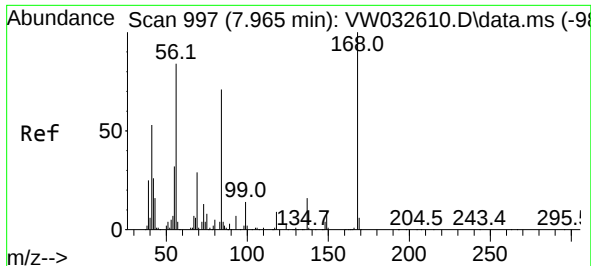
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
Data File : VW032632.D
Acq On : 11 Dec 2025 14:59
Operator : SY/MD
Sample : Q3826-05
Misc : 5.32g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
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Quant Time: Dec 12 00:44:47 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

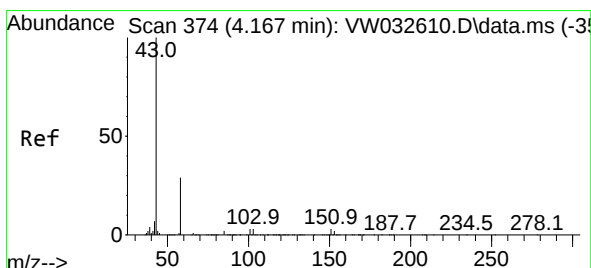
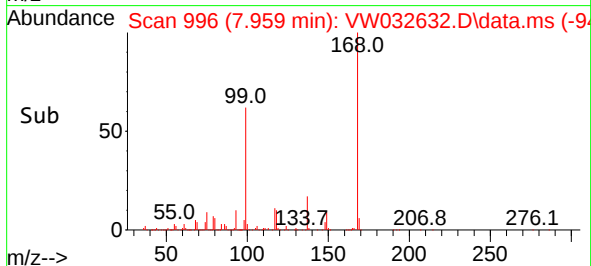
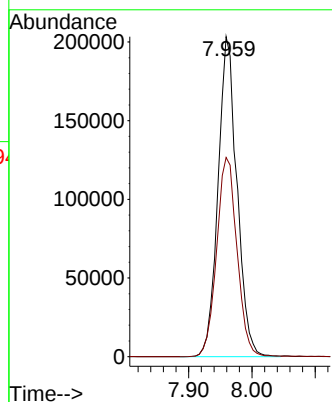
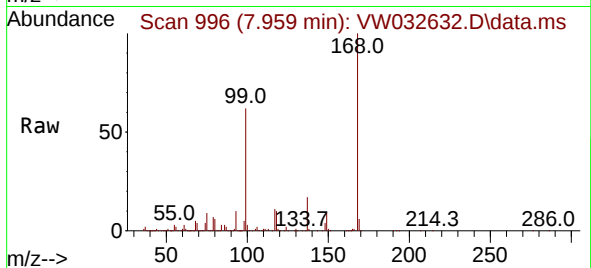




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

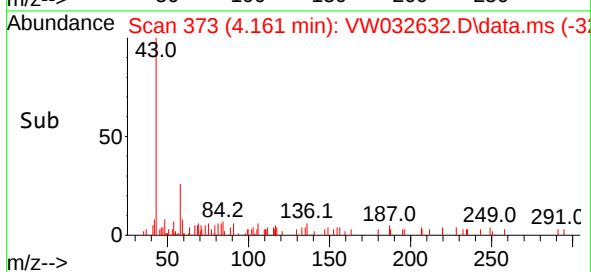
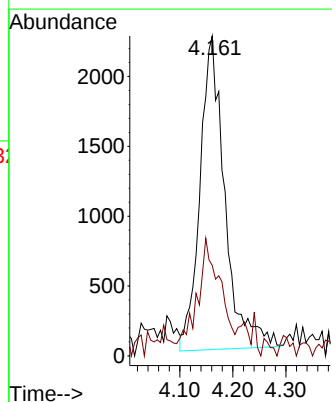
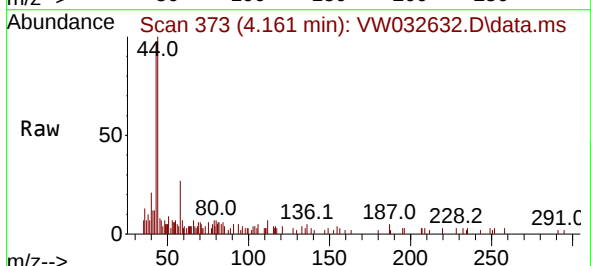
Instrument :
MSVOA_W
ClientSampleId :
TP-15

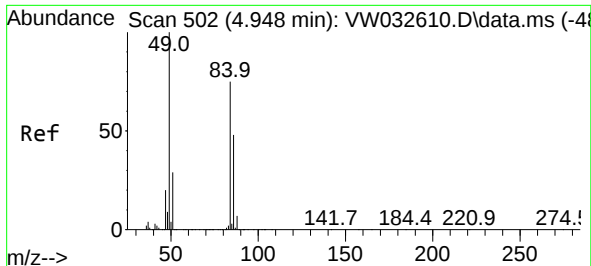
Tgt Ion:168 Resp: 421663
Ion Ratio Lower Upper
168 100
99 62.3 47.8 71.8



#16
Acetone
Concen: 3.315 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

Tgt Ion: 43 Resp: 7324
Ion Ratio Lower Upper
43 100
58 25.5 23.9 35.9

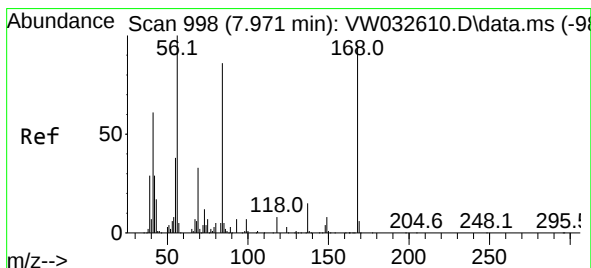
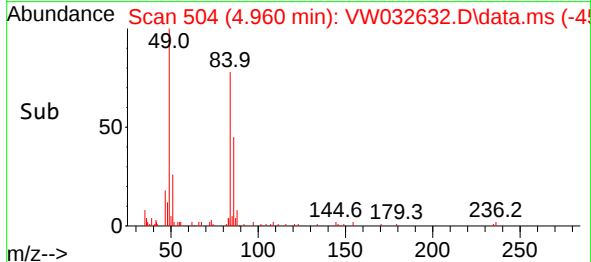
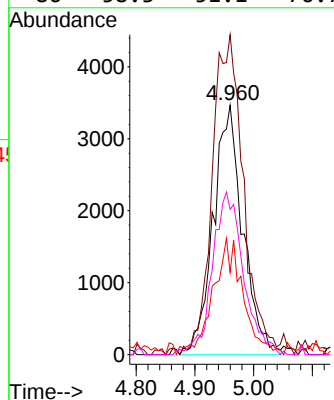
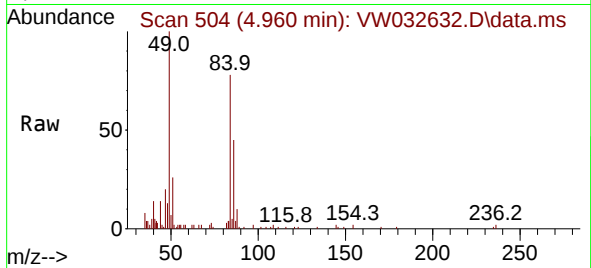




#20
Methylene Chloride
Concen: 1.790 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.012 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

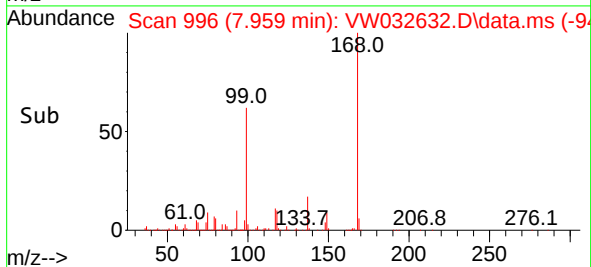
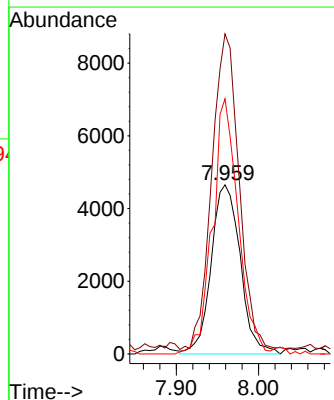
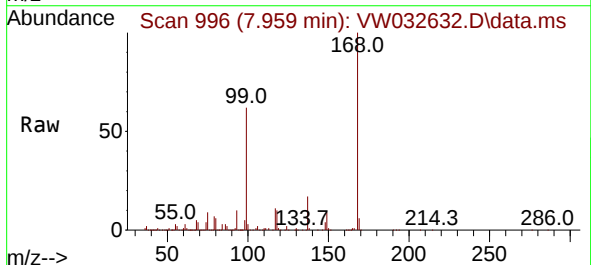
Instrument :
MSVOA_W
ClientSampleId :
TP-15

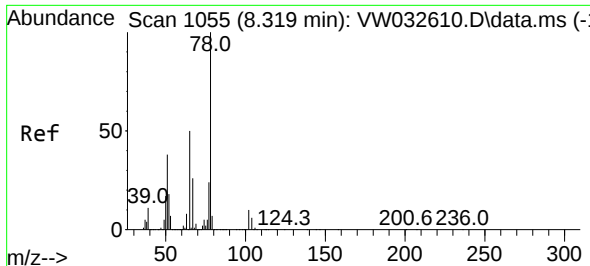
Tgt Ion:	84	Resp:	12073
Ion	Ratio	Lower	Upper
84	100		
49	128.3	106.9	160.3
51	30.8	31.4	47.2#
86	58.3	51.1	76.7



#31
Cyclohexane
Concen: 1.124 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

Tgt Ion:	56	Resp:	11420
Ion	Ratio	Lower	Upper
56	100		
69	186.5	26.2	39.2#
84	149.7	68.9	103.3#

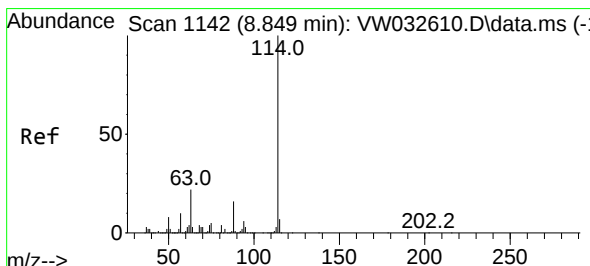
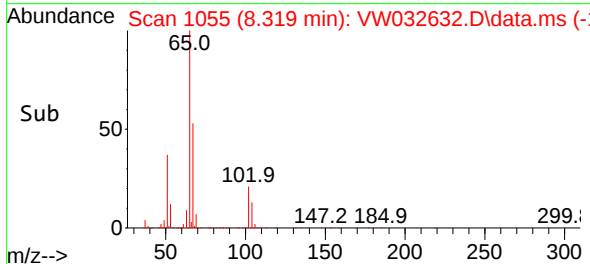
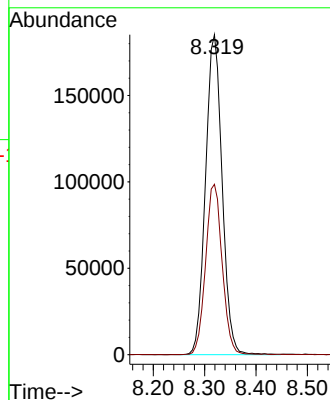
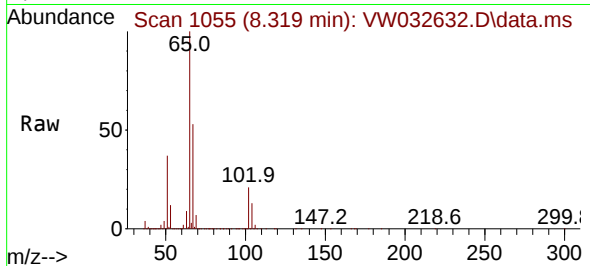




#33
 1,2-Dichloroethane-d4
 Concen: 61.791 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032632.D
 Acq: 11 Dec 2025 14:59

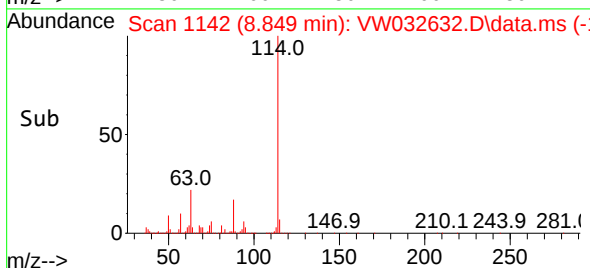
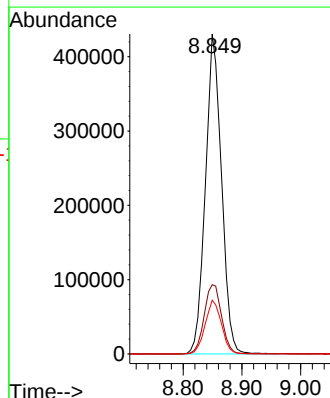
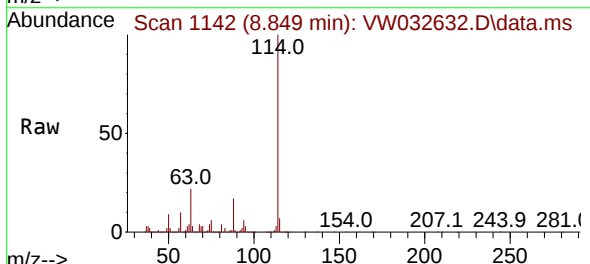
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-15

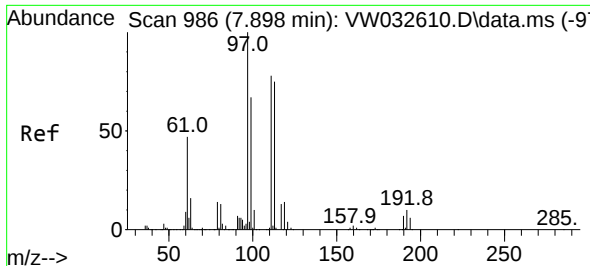
Tgt Ion: 65 Resp: 415414
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032632.D
 Acq: 11 Dec 2025 14:59

Tgt Ion: 114 Resp: 819638
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.6
 88 16.8 0.0 31.8

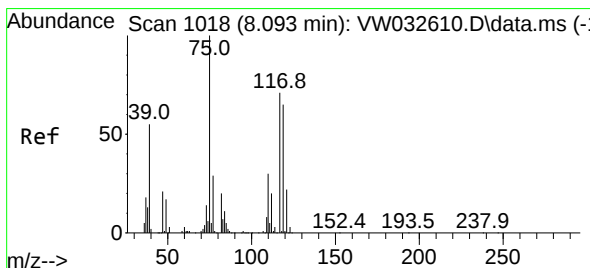
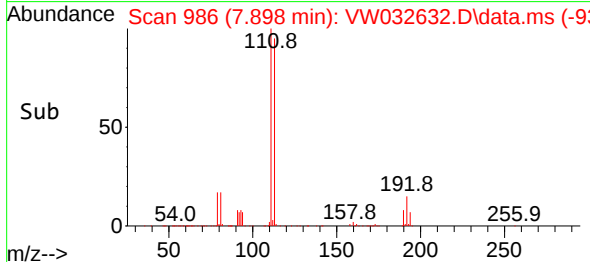
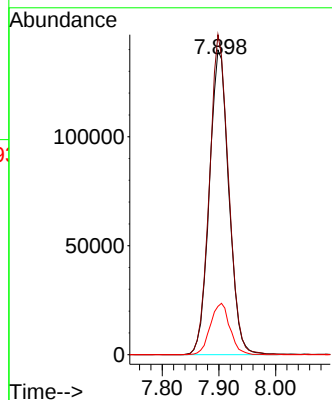
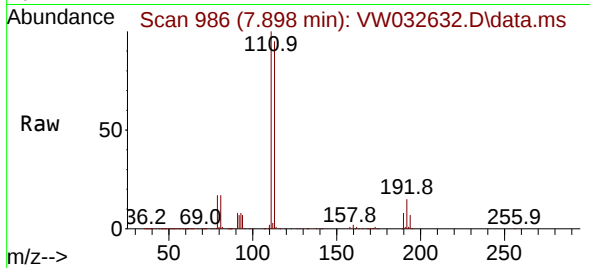




#35
Dibromofluoromethane
Concen: 56.621 ug/l
RT: 7.898 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

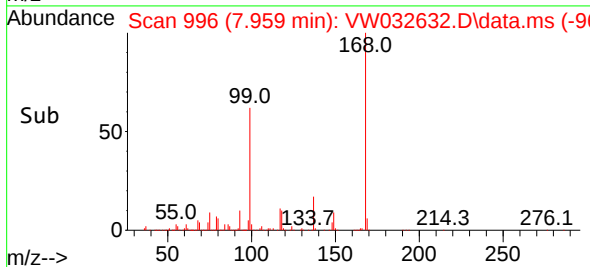
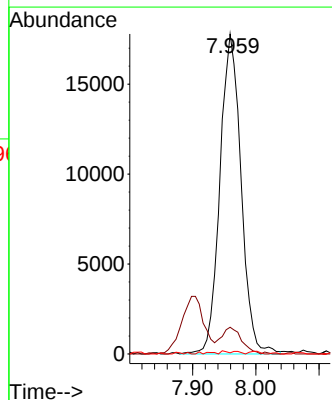
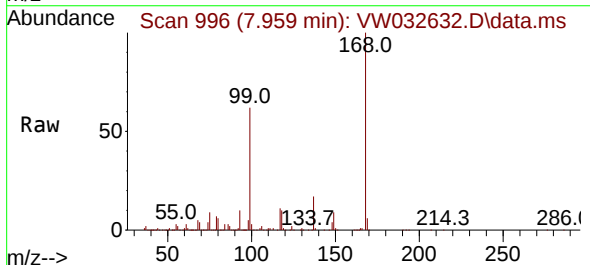
Instrument :
MSVOA_W
ClientSampleId :
TP-15

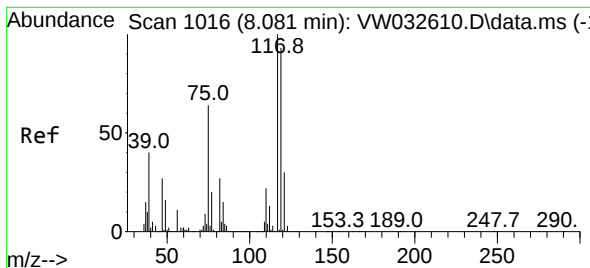
Tgt Ion:113 Resp: 333483
Ion Ratio Lower Upper
113 100
111 103.4 85.2 127.8
192 16.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

Tgt Ion: 75 Resp: 41236
Ion Ratio Lower Upper
75 100
110 7.9 16.3 48.9#
77 0.3 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.182 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW032632.D

Acq: 11 Dec 2025 14:59

Instrument :

MSVOA_W

ClientSampleId :

TP-15

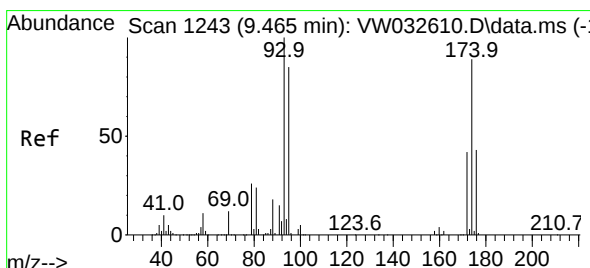
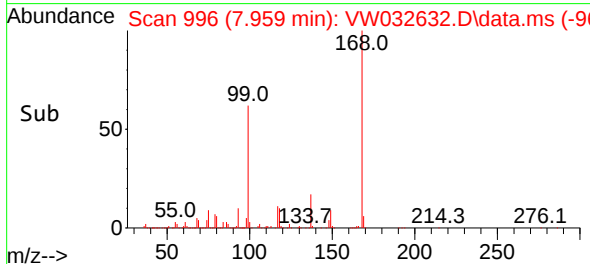
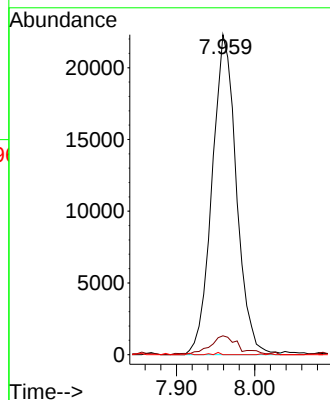
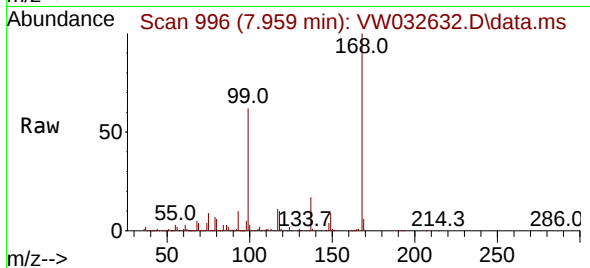
Tgt Ion:117 Resp: 48251

Ion Ratio Lower Upper

117 100

119 5.9 74.3 111.5#

121 0.0 23.6 35.4#



#49

1,4-Dioxane

Concen: 1.414 ug/l

RT: 9.435 min Scan# 1238

Delta R.T. -0.030 min

Lab File: VW032632.D

Acq: 11 Dec 2025 14:59

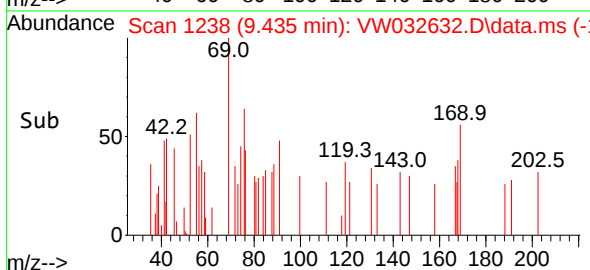
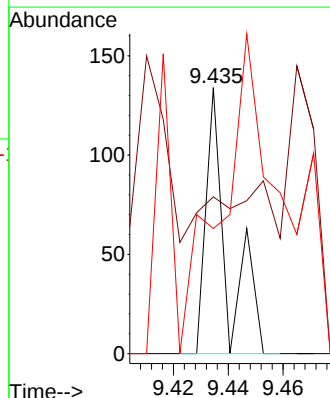
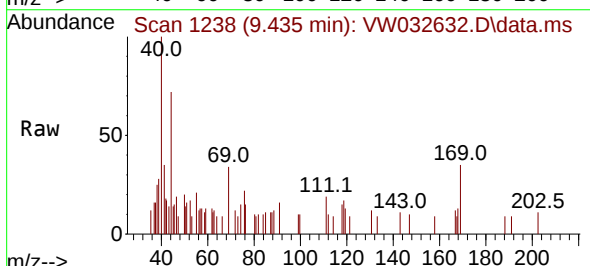
Tgt Ion: 88 Resp: 72

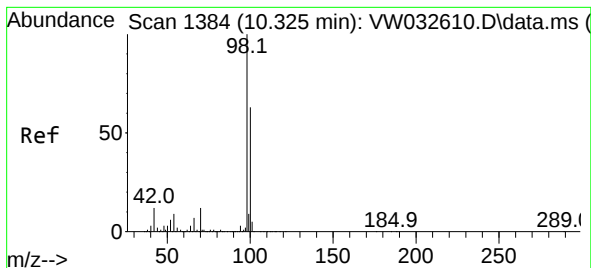
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 286.1 63.8 95.8#

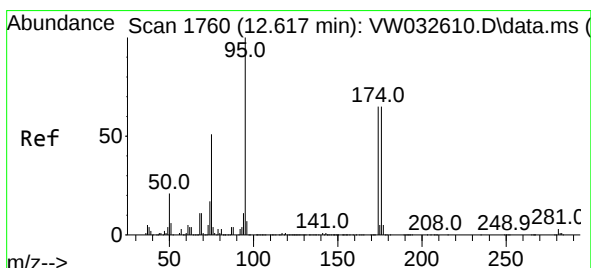
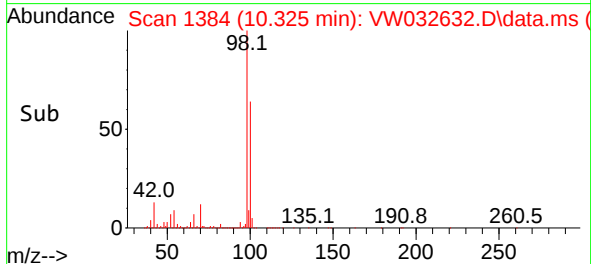
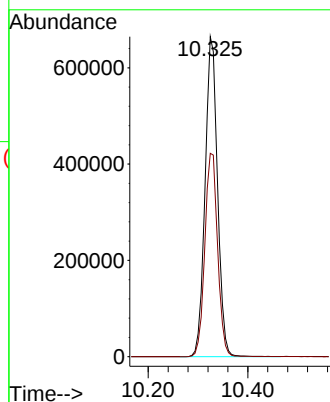
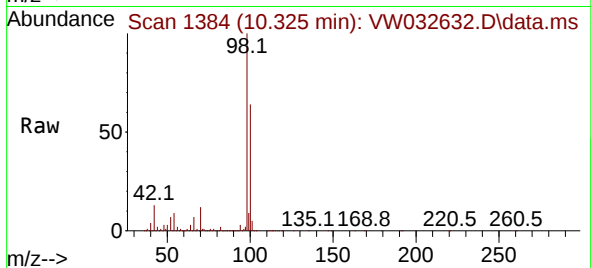




#50
Toluene-d8
Concen: 54.721 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

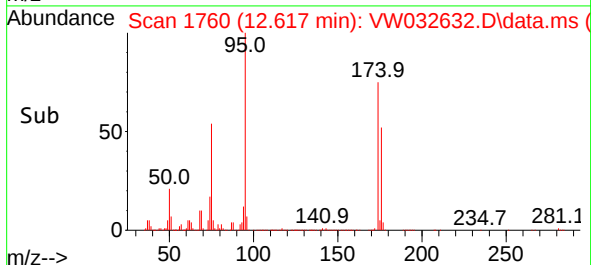
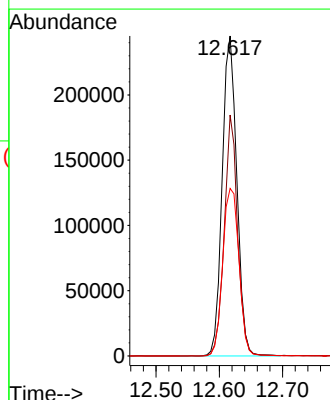
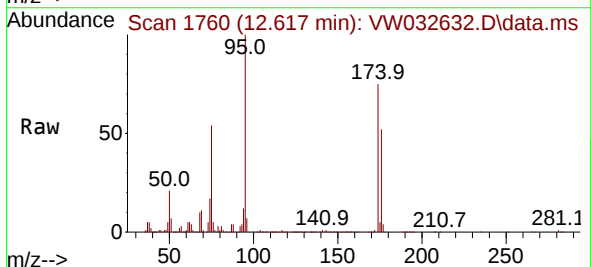
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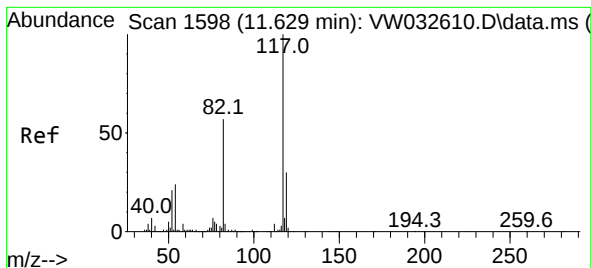
Tgt Ion: 98 Resp: 1151050
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 50.769 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

Tgt Ion: 95 Resp: 392080
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.0
176 58.3 0.0 123.4

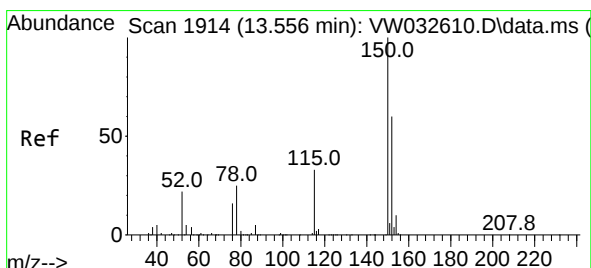
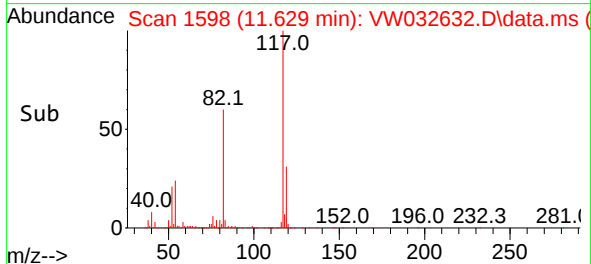
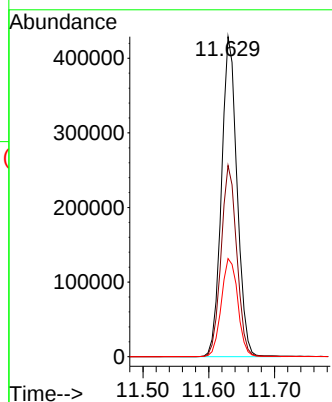
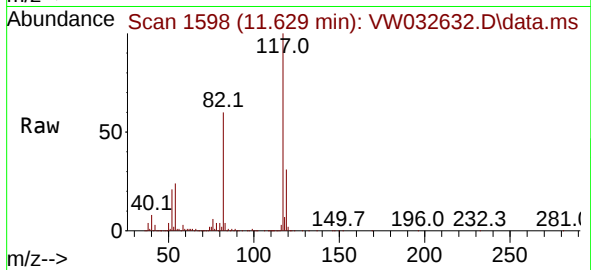




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

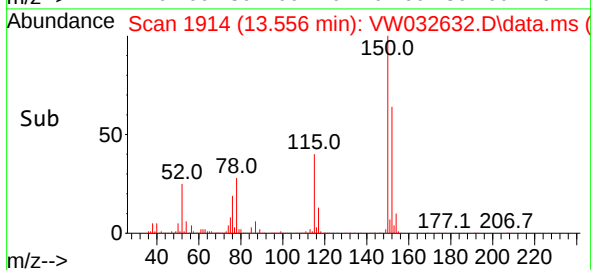
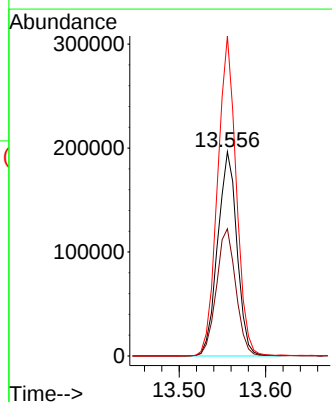
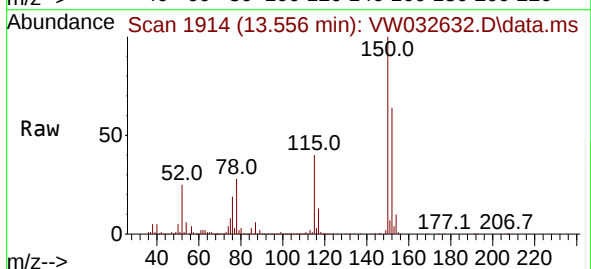
Instrument :
MSVOA_W
ClientSampleId :
TP-15

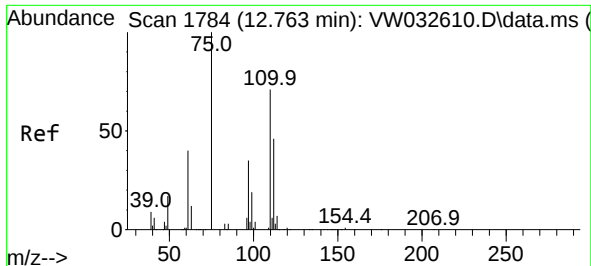
Tgt Ion:117 Resp: 707219
Ion Ratio Lower Upper
117 100
82 59.7 45.5 68.3
119 30.6 23.8 35.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

Tgt Ion:152 Resp: 304397
Ion Ratio Lower Upper
152 100
115 63.0 33.8 101.3
150 151.5 0.0 369.4

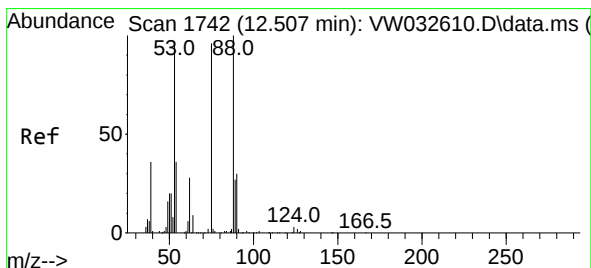
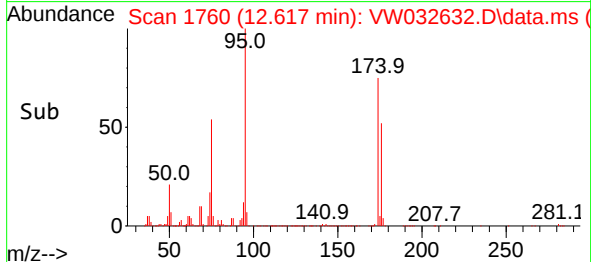
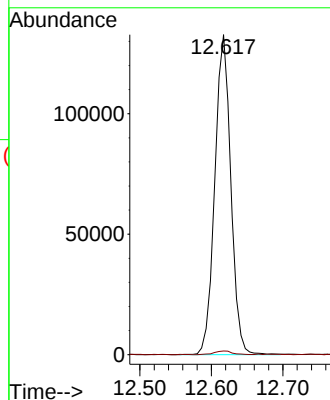
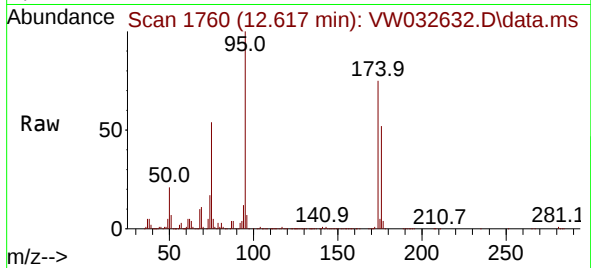




#76
1,2,3-Trichloropropane
Concen: 50.575 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

Instrument :
MSVOA_W
ClientSampleId :
TP-15

Tgt Ion: 75 Resp: 206581
Ion Ratio Lower Upper
75 100
77 1.3 154.0 462.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.749 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW032632.D
Acq: 11 Dec 2025 14:59

Tgt Ion: 75 Resp: 206581
Ion Ratio Lower Upper
75 100
53 0.3 86.1 129.1#
89 0.0 37.4 56.2#

