

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
 Data File : VW031869.D
 Acq On : 16 Jul 2025 11:45
 Operator : SY/MD
 Sample : Q2611-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-071525

Quant Time: Jul 17 04:01:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

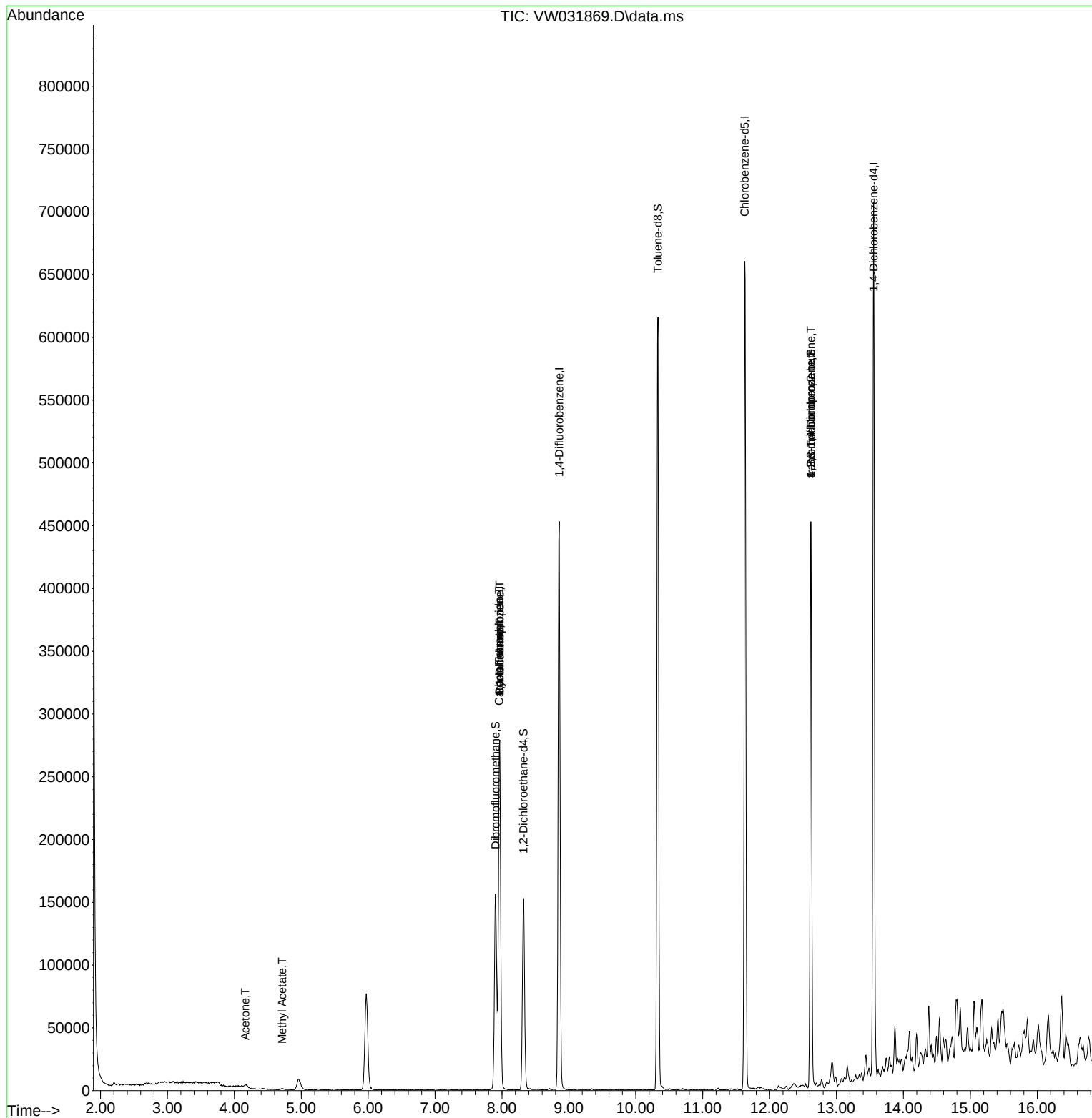
Internal Standards						
1) Pentafluorobenzene	7.965	168	193544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	382406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	357628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	167317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	130086	46.834	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	93.660%	
35) Dibromofluoromethane	7.904	113	114387	45.840	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	91.680%	
50) Toluene-d8	10.331	98	411296	44.291	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	88.580%	
62) 4-Bromofluorobenzene	12.617	95	163792	47.929	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	95.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	2580	3.758	ug/l #	62
18) Methyl Acetate	4.716	43	2195	1.119	ug/l #	73
20) Methylene Chloride	4.954	84	8017	Below Cal	#	88
31) Cyclohexane	7.965	56	5468	1.383	ug/l #	13
36) 1,1-Dichloropropene	7.965	75	17845	4.942	ug/l #	50
38) Carbon Tetrachloride	7.959	117	22207	6.035	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	84802	39.220	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	84802	91.350	ug/l #	8

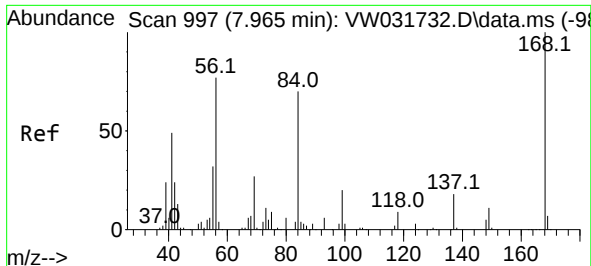
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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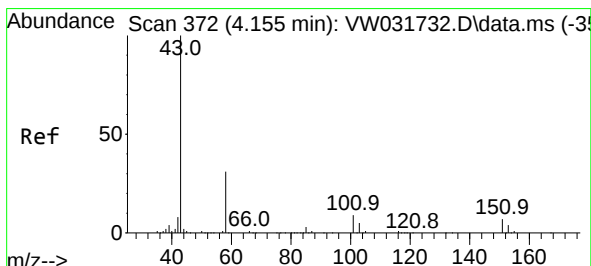
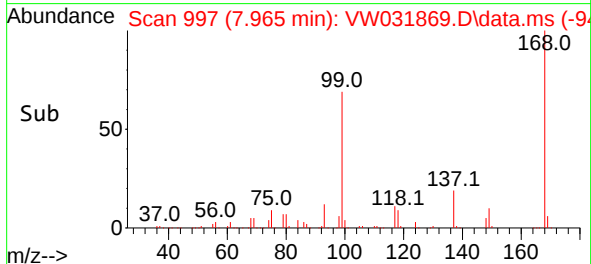
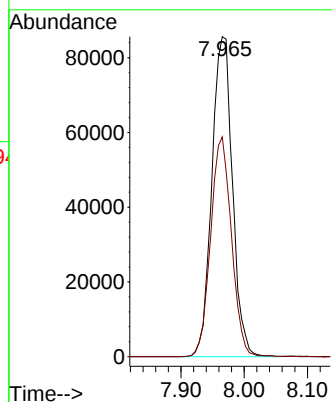
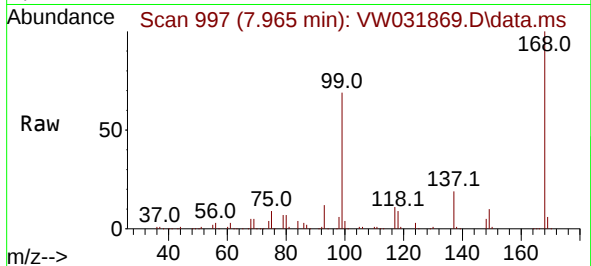




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031869.D
Acq: 16 Jul 2025 11:45

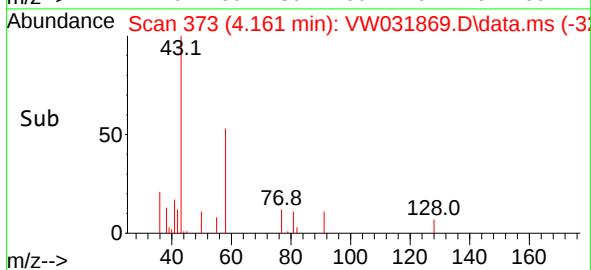
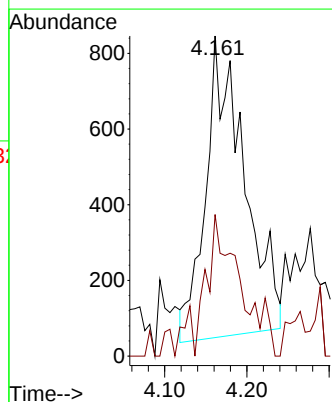
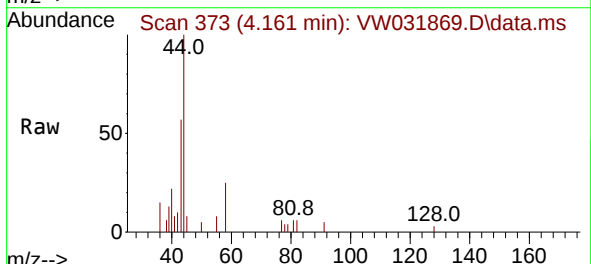
Instrument :
MSVOA_W
ClientSampleId :
EO-02-071525

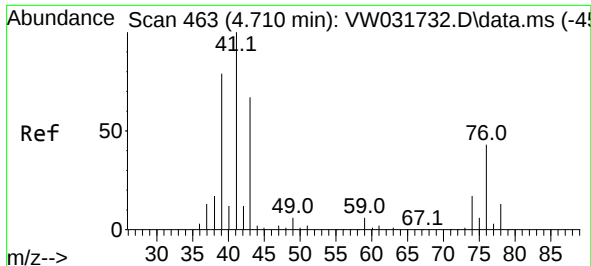
Tgt Ion:168 Resp: 193544
Ion Ratio Lower Upper
168 100
99 68.7 49.4 74.2



#16
Acetone
Concen: 3.758 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031869.D
Acq: 16 Jul 2025 11:45

Tgt Ion: 43 Resp: 2580
Ion Ratio Lower Upper
43 100
58 51.7 24.8 37.2#





#18

Methyl Acetate

Concen: 1.119 ug/l

RT: 4.716 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW031869.D

Acq: 16 Jul 2025 11:45

Instrument :

MSVOA_W

ClientSampleId :

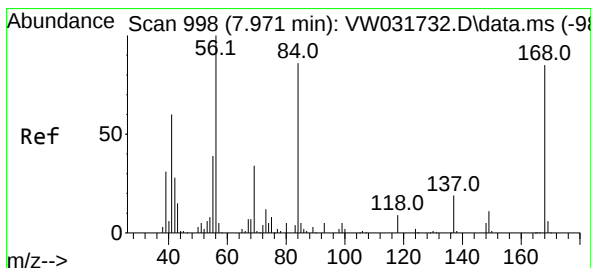
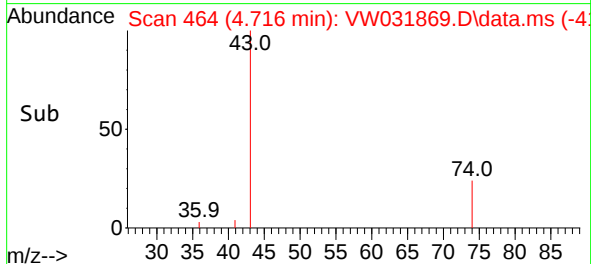
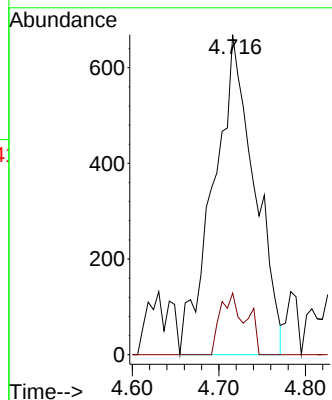
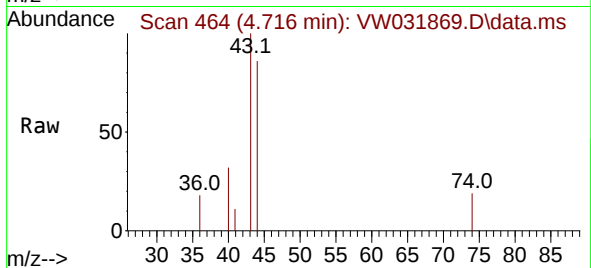
EO-02-071525

Tgt Ion: 43 Resp: 2195

Ion Ratio Lower Upper

43 100

74 12.0 20.6 30.8#



#31

Cyclohexane

Concen: 1.383 ug/l

RT: 7.965 min Scan# 997

Delta R.T. -0.006 min

Lab File: VW031869.D

Acq: 16 Jul 2025 11:45

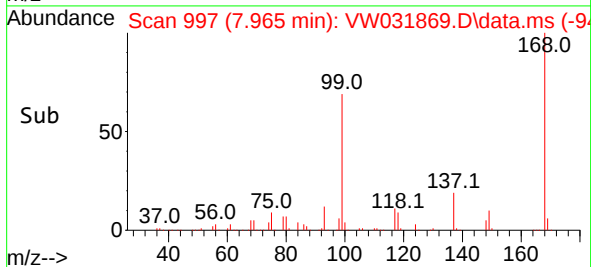
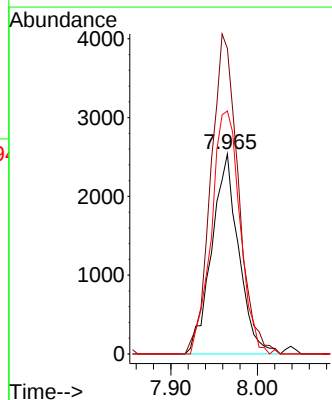
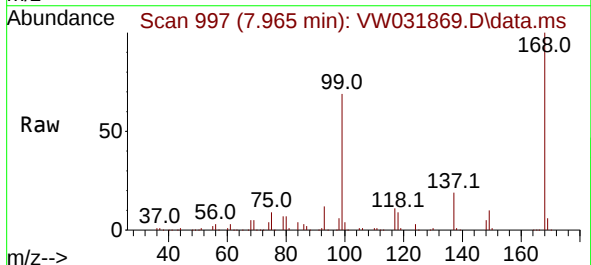
Tgt Ion: 56 Resp: 5468

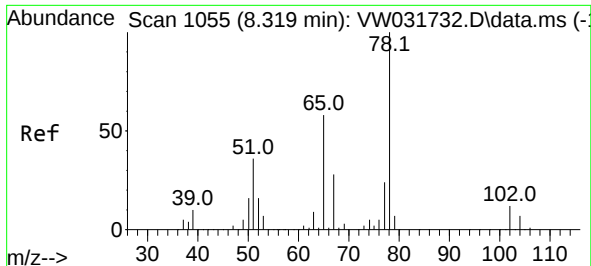
Ion Ratio Lower Upper

56 100

69 152.7 27.2 40.8#

84 121.5 68.5 102.7#

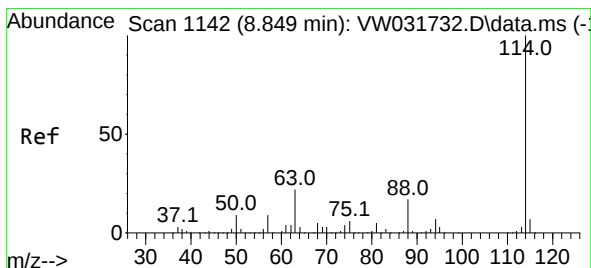
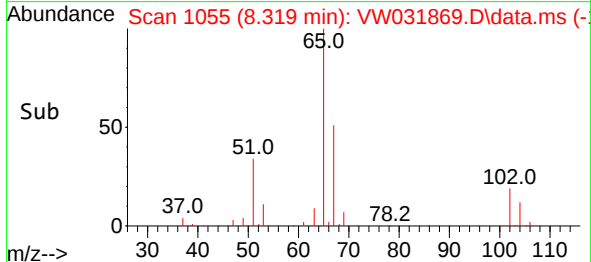
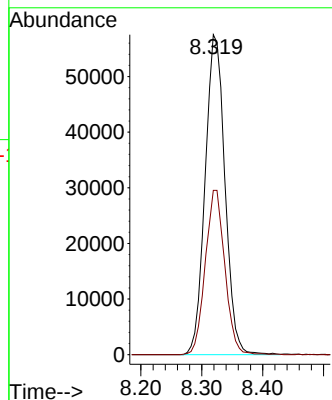
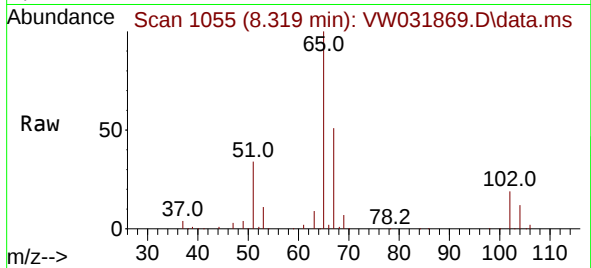




#33
 1,2-Dichloroethane-d4
 Concen: 46.834 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031869.D
 Acq: 16 Jul 2025 11:45

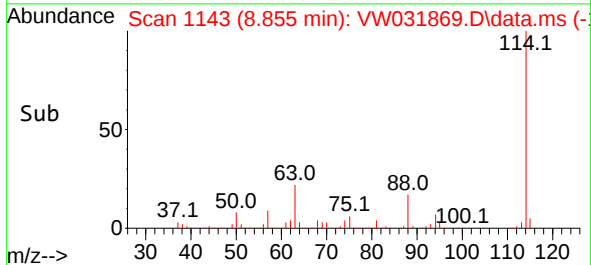
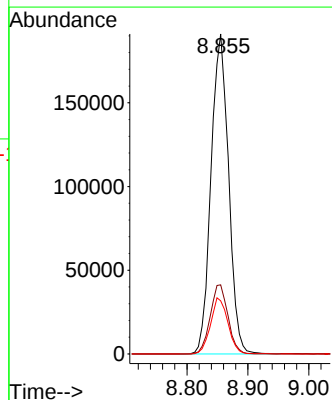
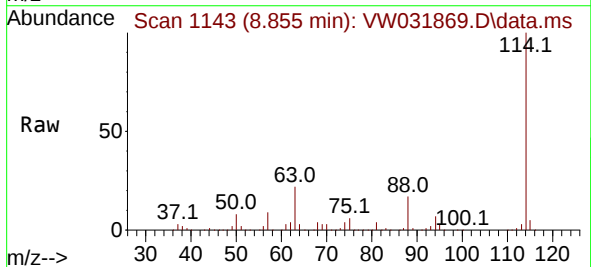
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-071525

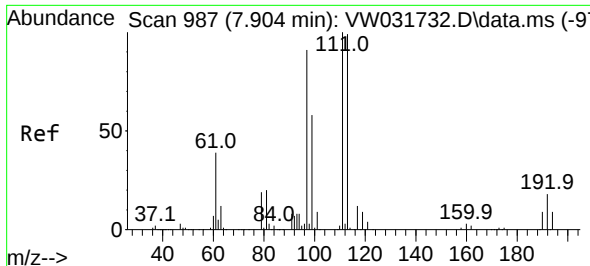
Tgt Ion: 65 Resp: 130086
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031869.D
 Acq: 16 Jul 2025 11:45

Tgt Ion: 114 Resp: 382406
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.6
 88 16.6 0.0 34.2

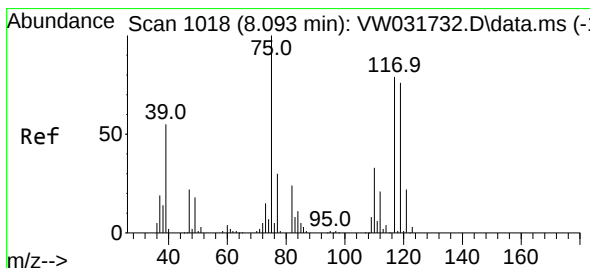
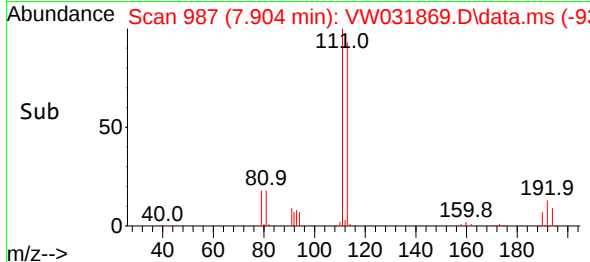
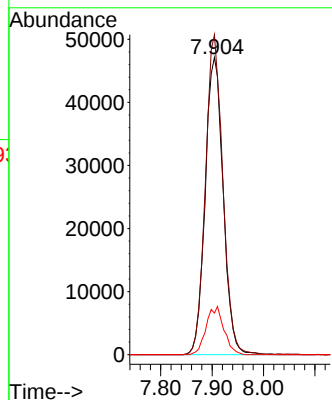
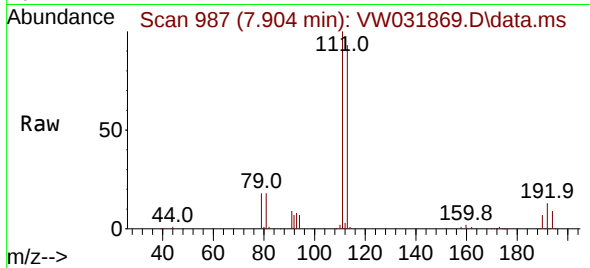




#35
 Dibromofluoromethane
 Concen: 45.840 ug/l
 RT: 7.904 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VW031869.D
 Acq: 16 Jul 2025 11:45

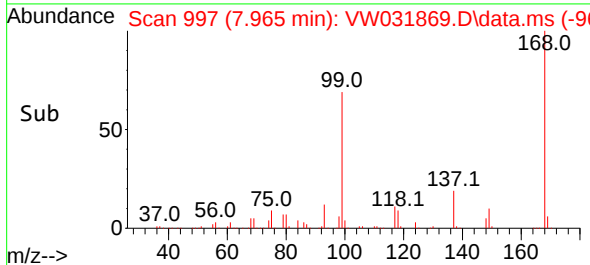
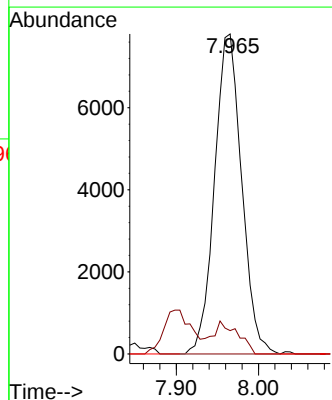
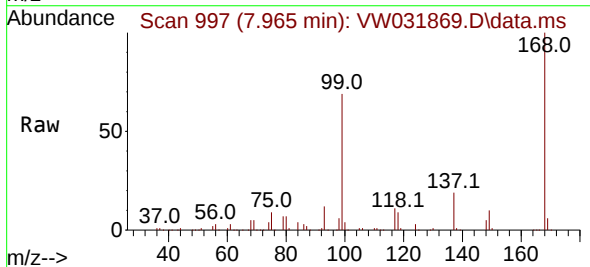
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-071525

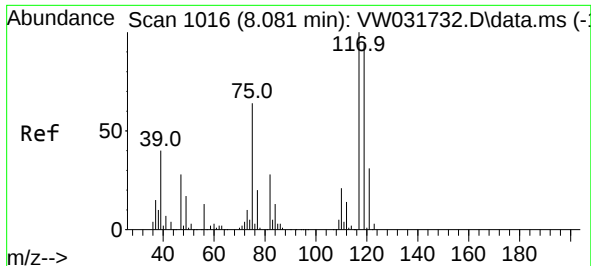
Tgt Ion:113	Resp: 114387		
Ion Ratio	Lower	Upper	
113	100		
111	104.2	82.1	123.1
192	16.1	13.8	20.6



#36
 1,1-Dichloropropene
 Concen: 4.942 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.128 min
 Lab File: VW031869.D
 Acq: 16 Jul 2025 11:45

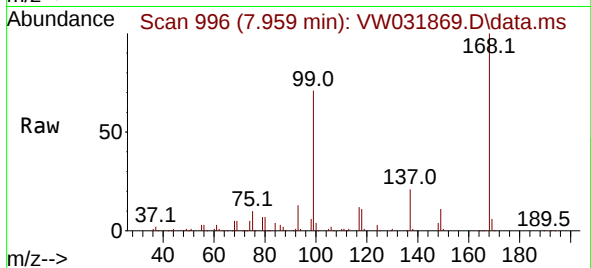
Tgt Ion: 75	Resp: 17845
Ion Ratio	Lower Upper
75 100	
110 9.1	16.8 50.4#
77 0.0	25.0 37.6#



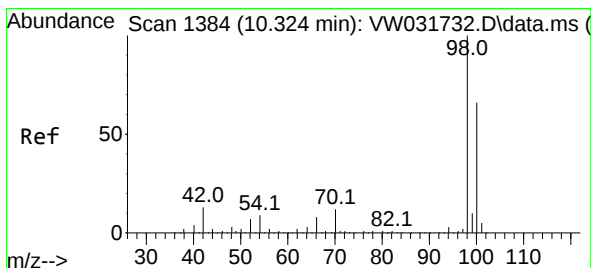
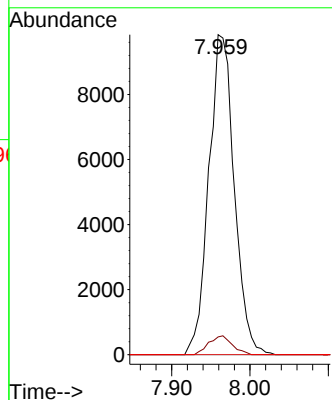
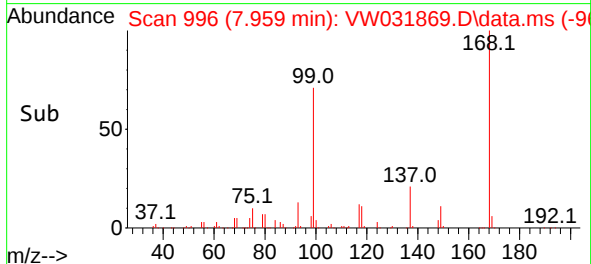


#38
Carbon Tetrachloride
Concen: 6.035 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW031869.D
Acq: 16 Jul 2025 11:45

Instrument :
MSVOA_W
ClientSampleId :
EO-02-071525

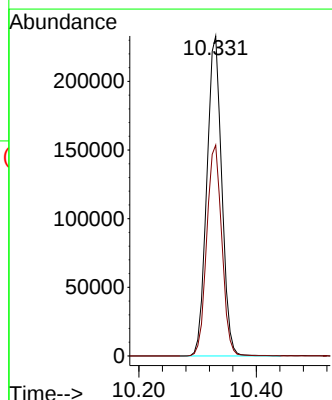
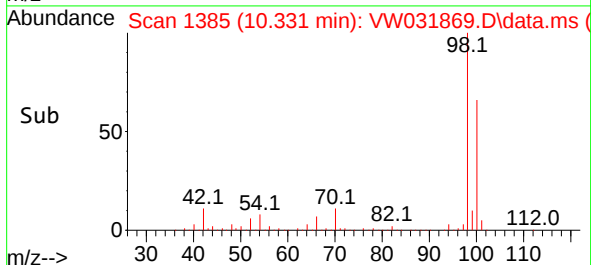
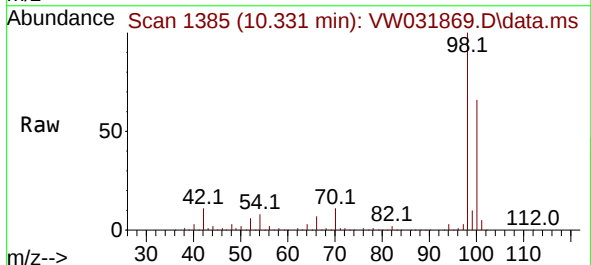


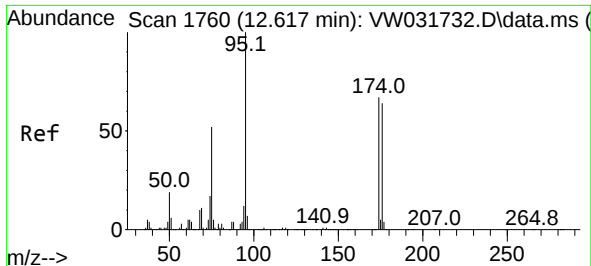
Tgt Ion:117 Resp: 22207
Ion Ratio Lower Upper
117 100
119 5.6 75.0 112.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.291 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW031869.D
Acq: 16 Jul 2025 11:45

Tgt Ion: 98 Resp: 411296
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

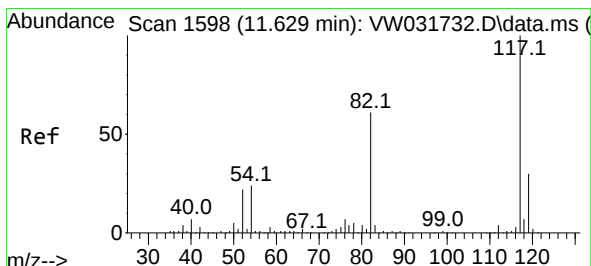
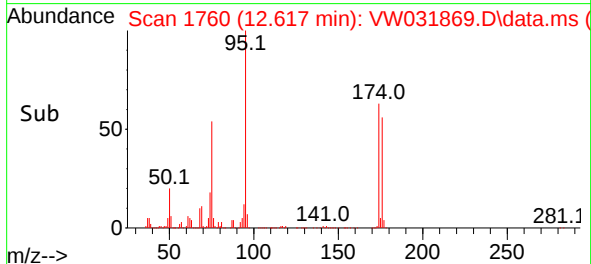
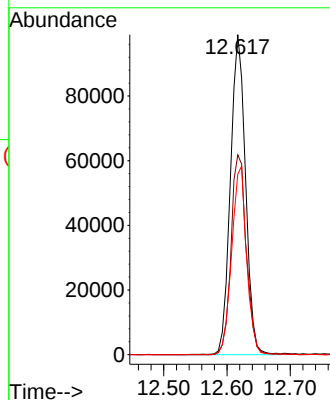
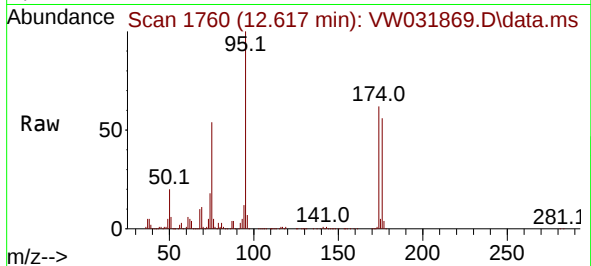




#62
4-Bromofluorobenzene
Concen: 47.929 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031869.D
Acq: 16 Jul 2025 11:45

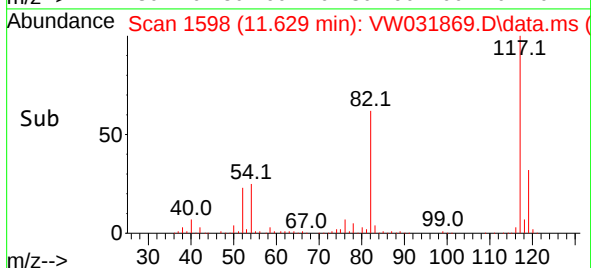
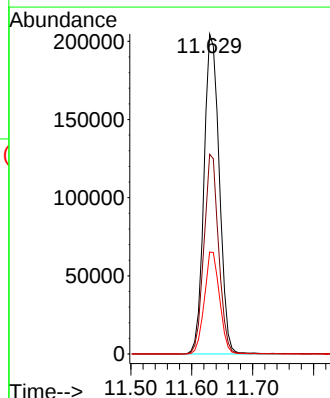
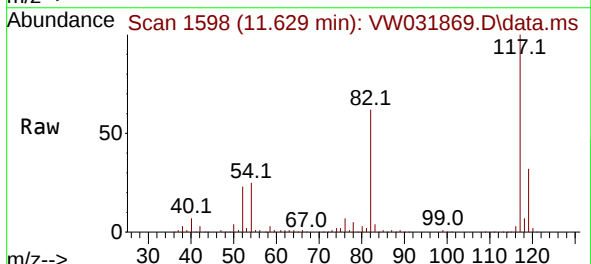
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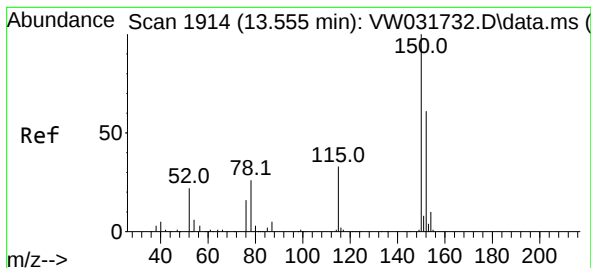
Tgt Ion: 95 Resp: 163792
Ion Ratio Lower Upper
95 100
174 63.5 0.0 133.8
176 58.6 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031869.D
Acq: 16 Jul 2025 11:45

Tgt Ion: 117 Resp: 357628
Ion Ratio Lower Upper
117 100
82 62.4 48.6 72.8
119 31.9 23.9 35.9

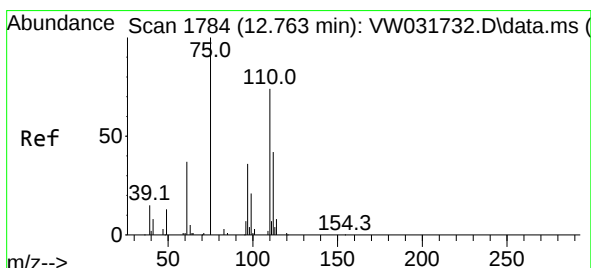
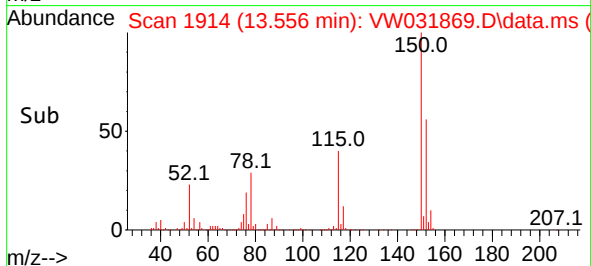
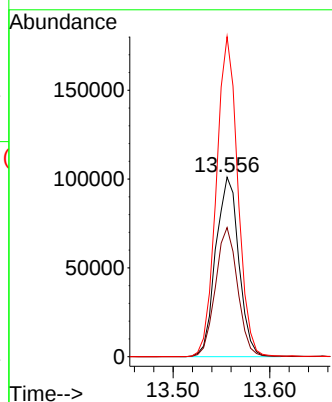
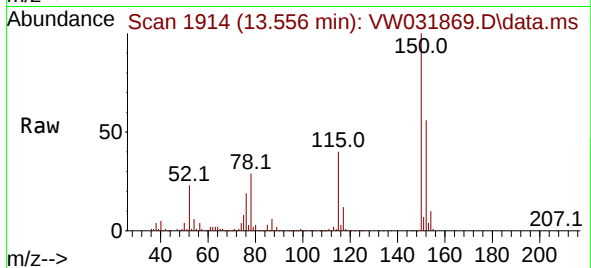




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031869.D
 Acq: 16 Jul 2025 11:45

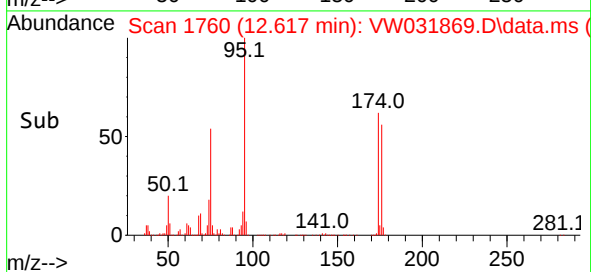
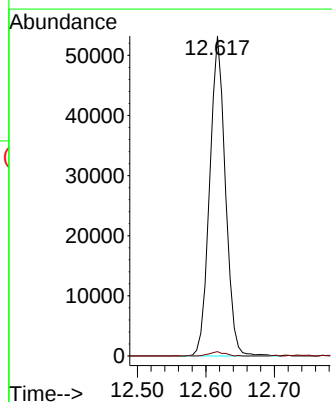
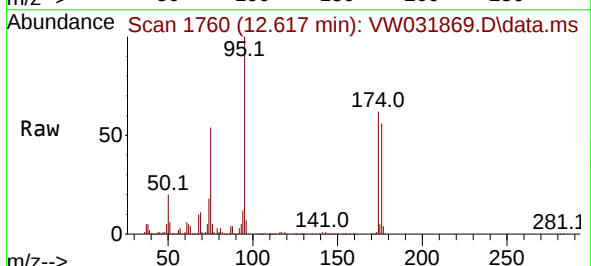
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-071525

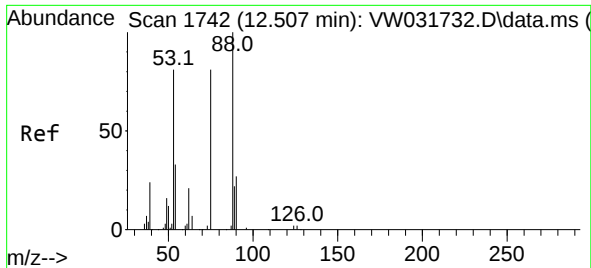
Tgt Ion:152 Resp: 167317
 Ion Ratio Lower Upper
 152 100
 115 69.2 31.9 95.7
 150 166.1 0.0 356.4



#76
 1,2,3-Trichloropropane
 Concen: 39.220 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW031869.D
 Acq: 16 Jul 2025 11:45

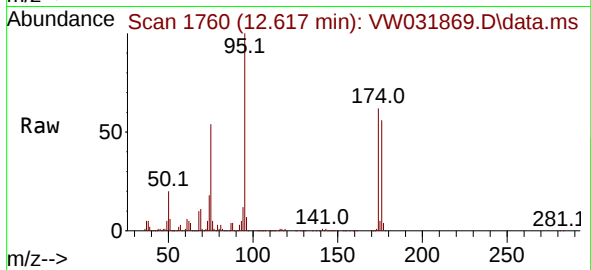
Tgt Ion: 75 Resp: 84802
 Ion Ratio Lower Upper
 75 100
 77 1.3 141.2 423.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.350 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW031869.D
 Acq: 16 Jul 2025 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-071525



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	83.5	125.3#
89	0.0	38.3	57.5#

