

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
 Data File : VW032365.D
 Acq On : 06 Oct 2025 17:23
 Operator : SY/MD
 Sample : Q3296-01
 Misc : 5.15g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 03:50:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

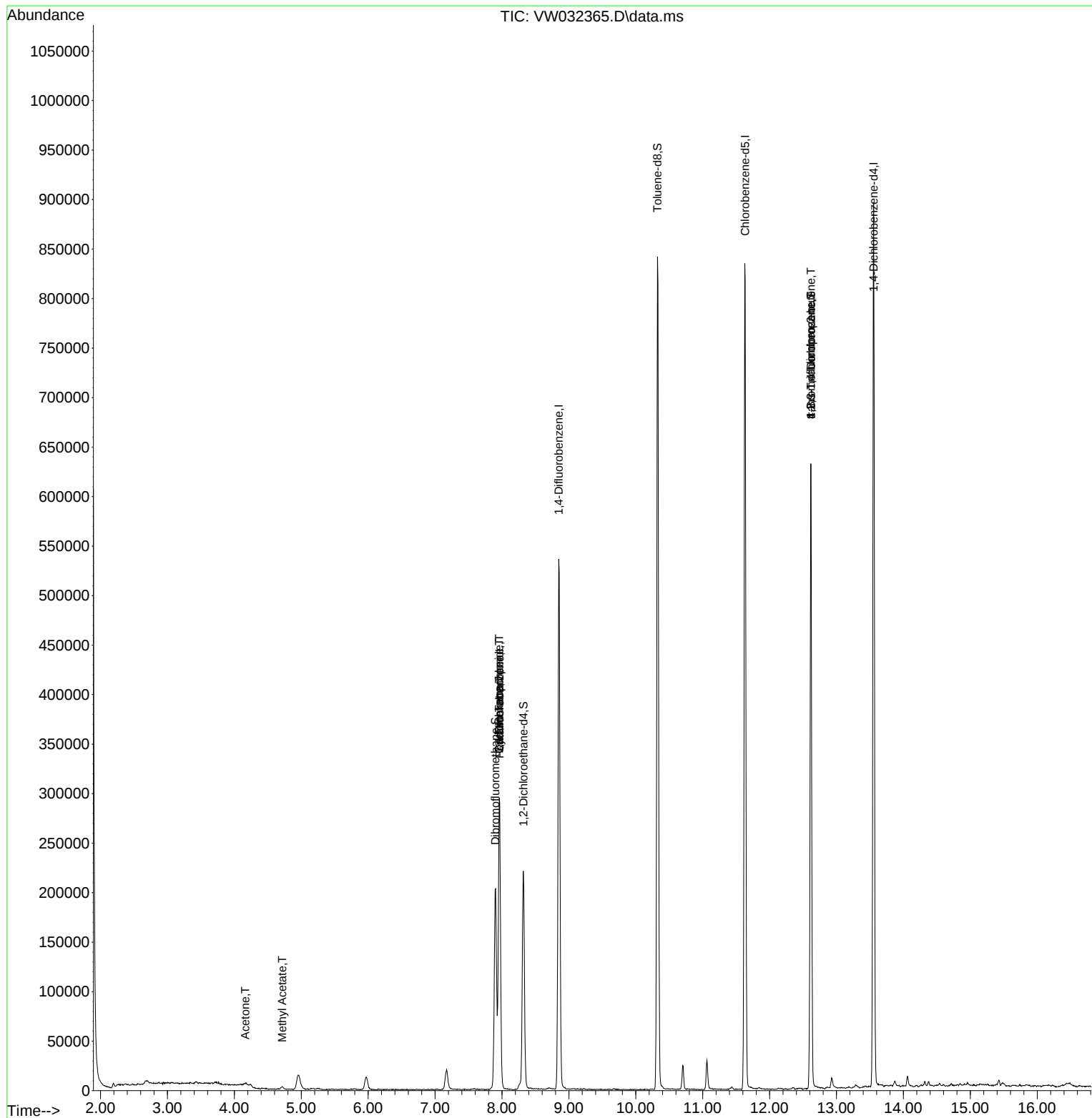
Internal Standards						
1) Pentafluorobenzene	7.965	168	202934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	448342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	452278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	227738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	183333	61.939	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 123.880%		
35) Dibromofluoromethane	7.898	113	151018	52.012	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 104.020%		
50) Toluene-d8	10.325	98	562846	52.523	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 105.040%		
62) 4-Bromofluorobenzene	12.617	95	216735	53.510	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 107.020%		
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	2614	3.189	ug/l	97
18) Methyl Acetate	4.716	43	5183	2.208	ug/l #	89
20) Methylene Chloride	4.966	84	12942	Below Cal	#	95
31) Cyclohexane	7.959	56	5111	1.227	ug/l #	15
36) 1,1-Dichloropropene	7.959	75	19005	4.638	ug/l #	50
38) Carbon Tetrachloride	7.959	117	23313	6.046	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	112200	37.438	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	112200	94.842	ug/l #	5

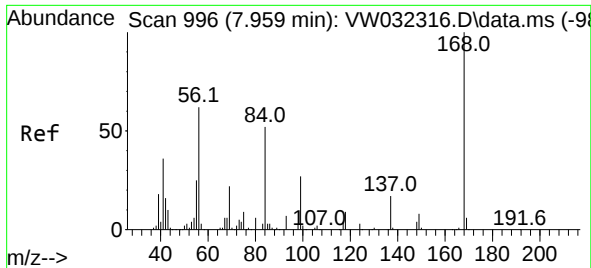
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
Data File : VW032365.D
Acq On : 06 Oct 2025 17:23
Operator : SY/MD
Sample : Q3296-01
Misc : 5.15g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

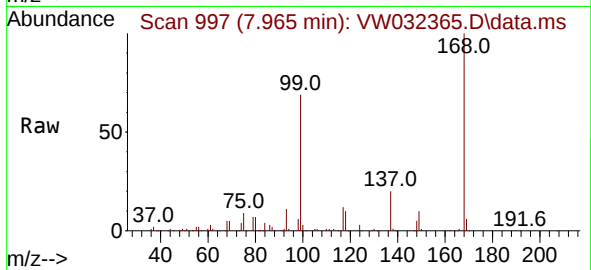
Quant Time: Oct 07 03:50:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration



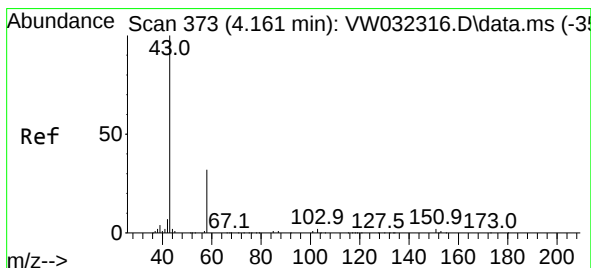
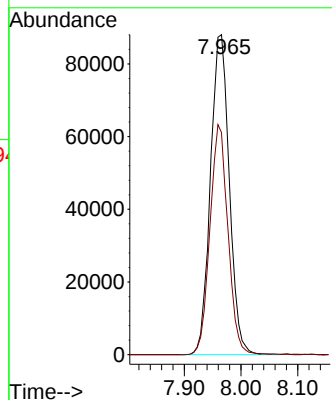
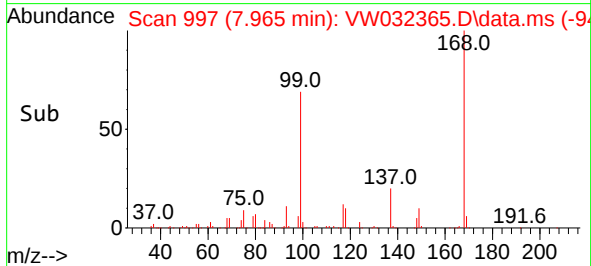


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032365.D
Acq: 06 Oct 2025 17:23

Instrument :
MSVOA_W
ClientSampleId :

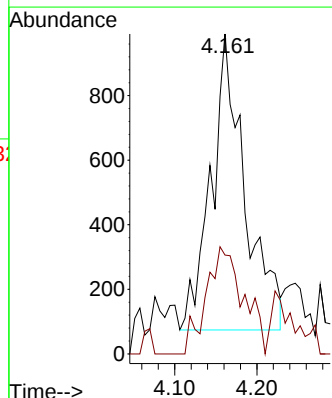
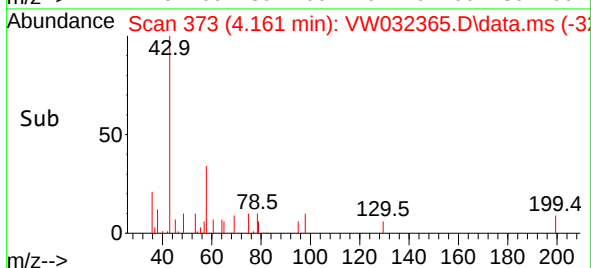
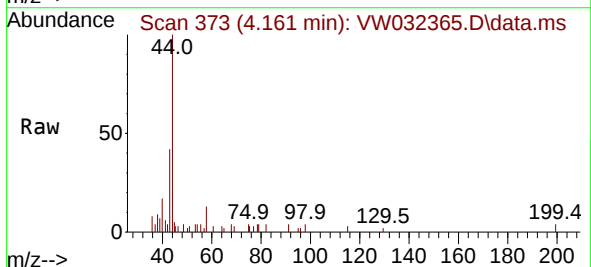


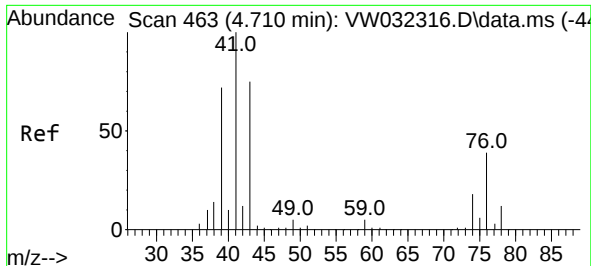
Tgt Ion:168 Resp: 202934
Ion Ratio Lower Upper
168 100
99 69.4 49.3 73.9



#16
Acetone
Concen: 3.189 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032365.D
Acq: 06 Oct 2025 17:23

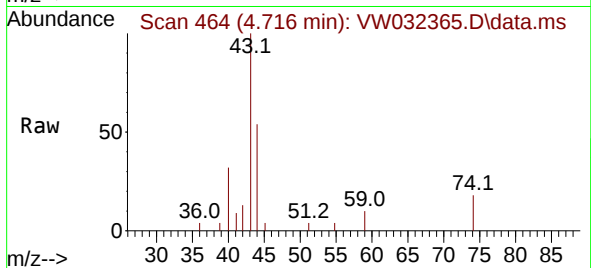
Tgt Ion: 43 Resp: 2614
Ion Ratio Lower Upper
43 100
58 33.4 25.3 37.9



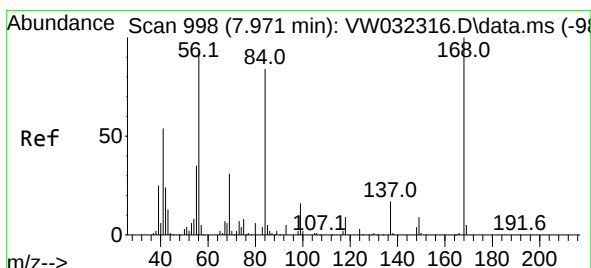
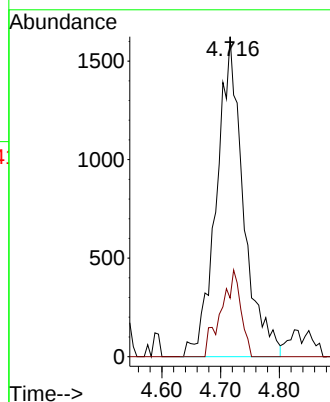
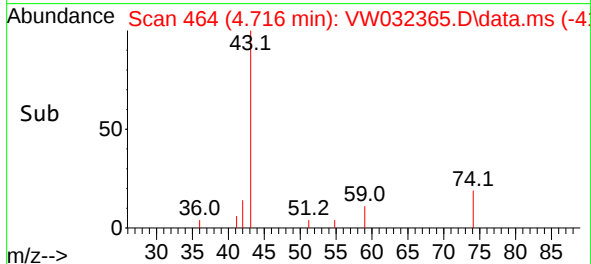


#18
Methyl Acetate
Concen: 2.208 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW032365.D
Acq: 06 Oct 2025 17:23

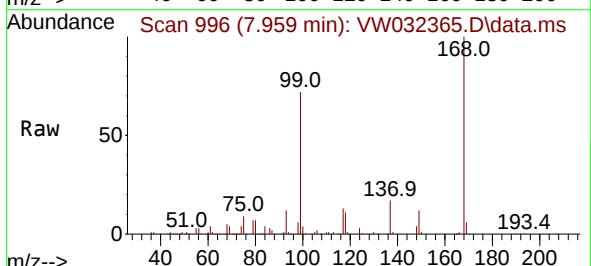
Instrument :
MSVOA_W
ClientSampleId :



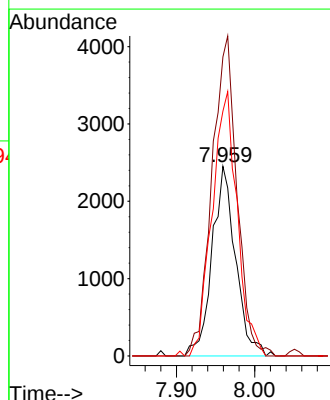
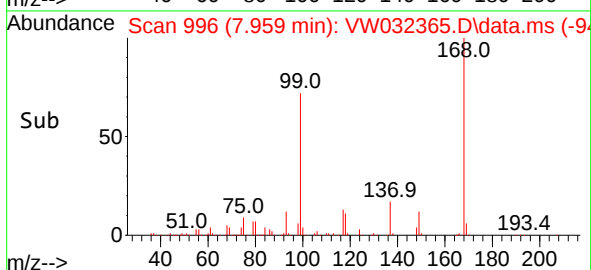
Tgt Ion: 43 Resp: 5183
Ion Ratio Lower Upper
43 100
74 19.8 20.2 30.4#

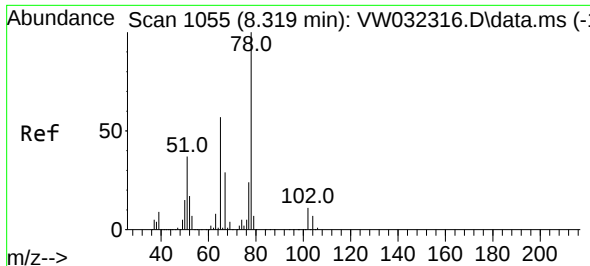


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032365.D
Acq: 06 Oct 2025 17:23



Tgt Ion: 56 Resp: 5111
Ion Ratio Lower Upper
56 100
69 157.8 27.7 41.5#
84 129.1 74.6 112.0#





#33

1,2-Dichloroethane-d4

Concen: 61.939 ug/l

RT: 8.319 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW032365.D

Acq: 06 Oct 2025 17:23

Instrument :

MSVOA_W

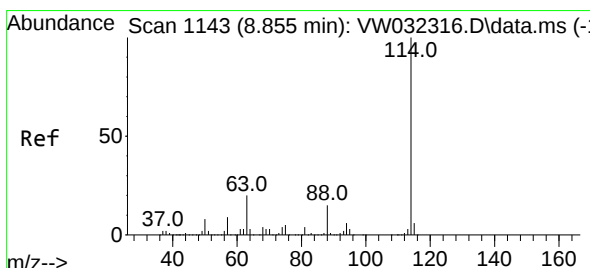
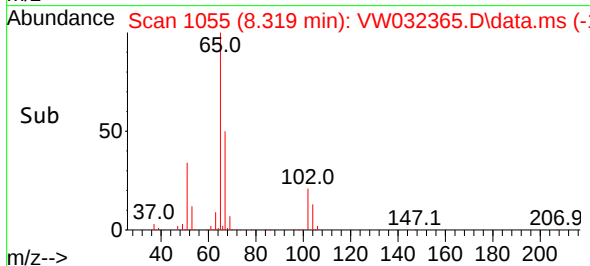
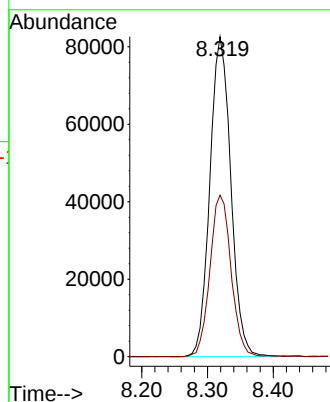
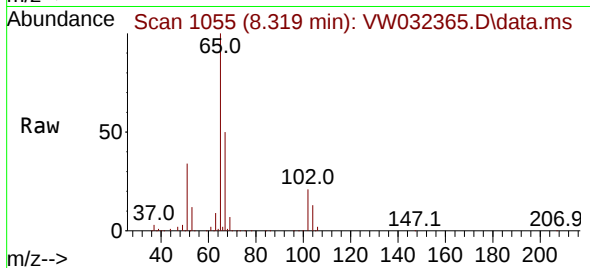
ClientSampleId :

Tgt Ion: 65 Resp: 183333

Ion Ratio Lower Upper

65 100

67 51.0 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032365.D

Acq: 06 Oct 2025 17:23

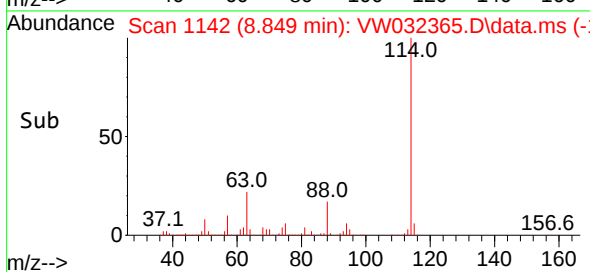
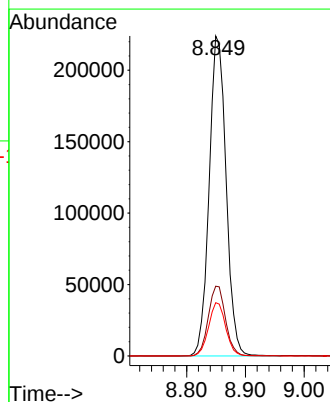
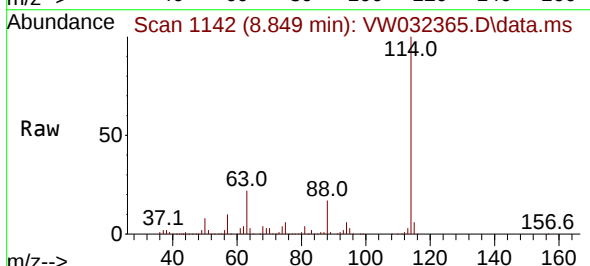
Tgt Ion: 114 Resp: 448342

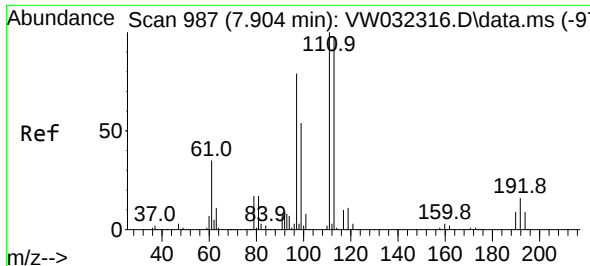
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.4

88 16.7 0.0 32.0

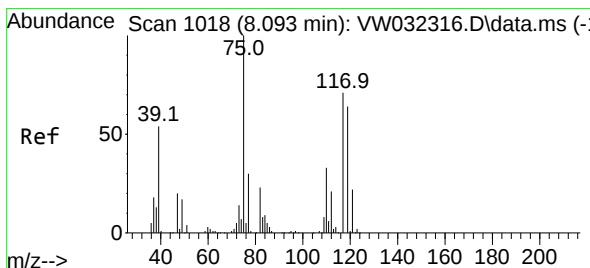
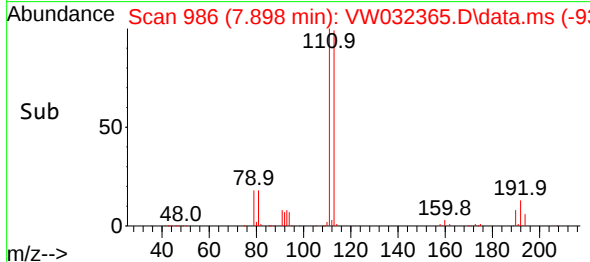
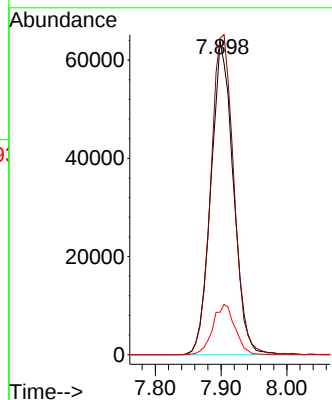
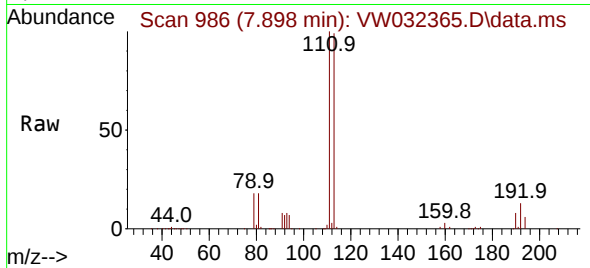




#35
 Dibromofluoromethane
 Concen: 52.012 ug/l
 RT: 7.898 min Scan# 910
 Delta R.T. -0.006 min
 Lab File: VW032365.D
 Acq: 06 Oct 2025 17:23

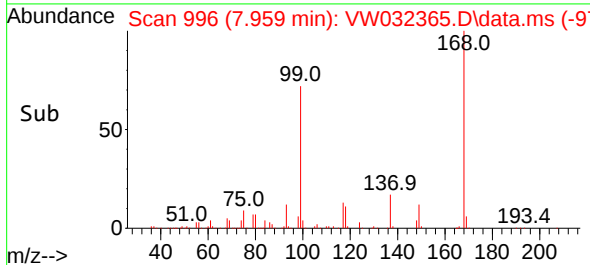
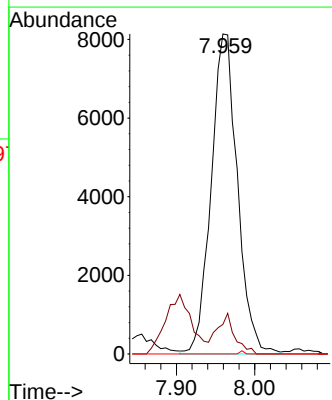
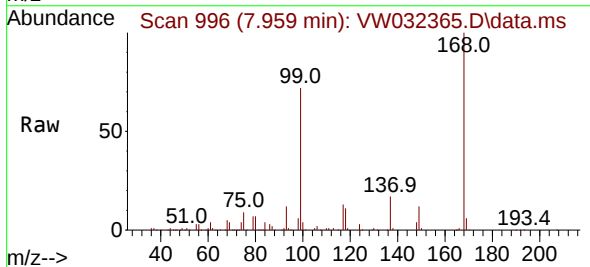
Instrument :
 MSVOA_W
 ClientSampleId :

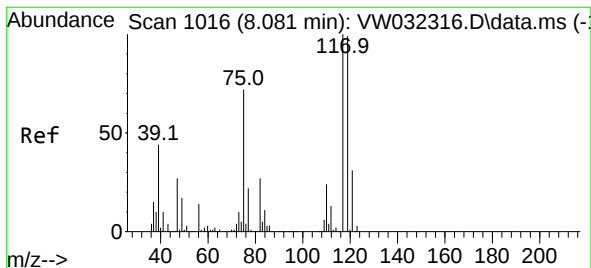
Tgt Ion:113 Resp: 151018
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.9 125.9
 192 15.9 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.638 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW032365.D
 Acq: 06 Oct 2025 17:23

Tgt Ion: 75 Resp: 19005
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.5 52.5#
 77 0.0 24.1 36.1#





#38

Carbon Tetrachloride

Concen: 6.046 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.128 min

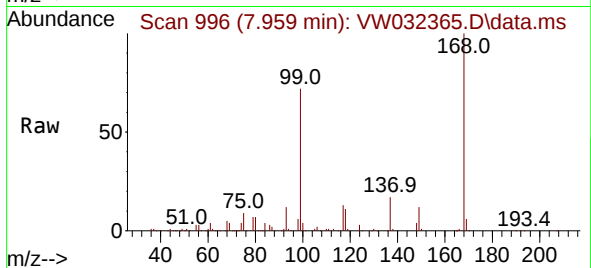
Lab File: VW032365.D

Acq: 06 Oct 2025 17:23

Instrument :

MSVOA_W

ClientSampleId :



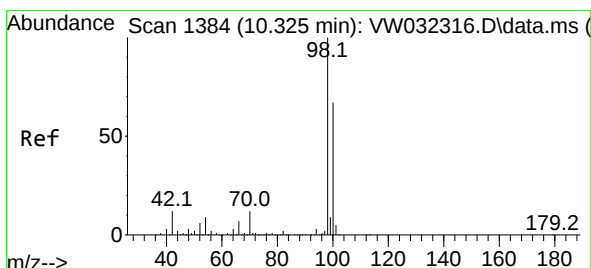
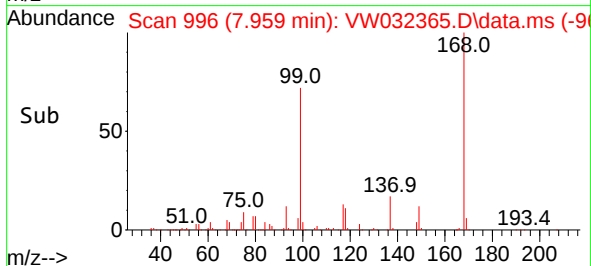
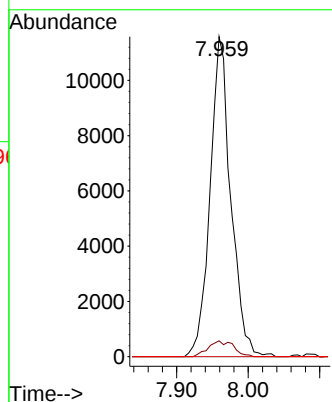
Tgt Ion:117 Resp: 23313

Ion Ratio Lower Upper

117 100

119 4.9 74.2 111.2#

121 0.0 25.6 38.4#



#50

Toluene-d8

Concen: 52.523 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032365.D

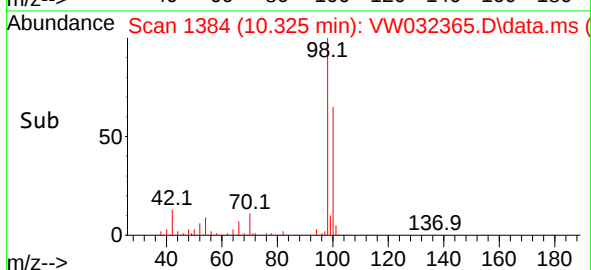
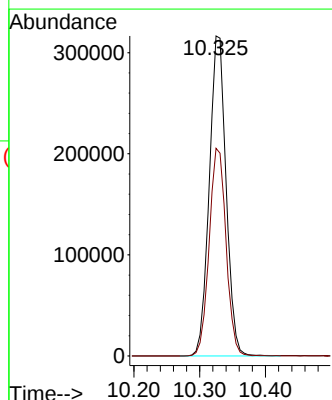
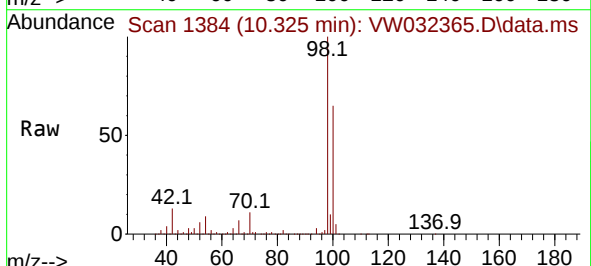
Acq: 06 Oct 2025 17:23

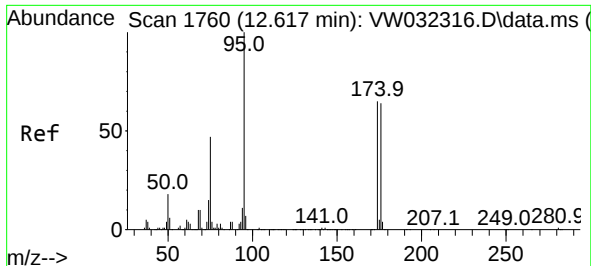
Tgt Ion: 98 Resp: 562846

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.2

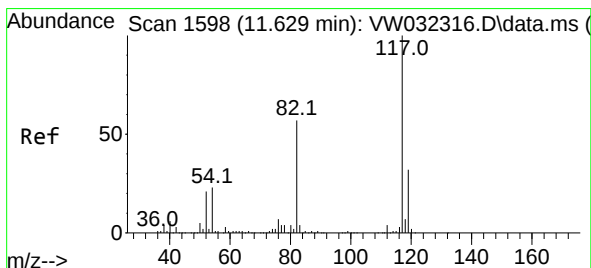
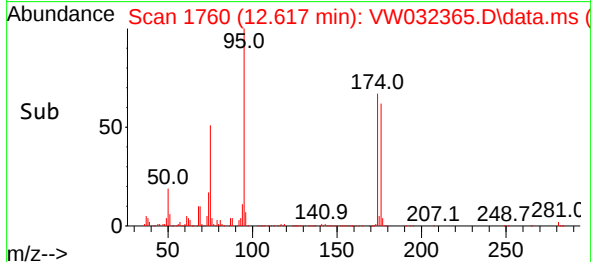
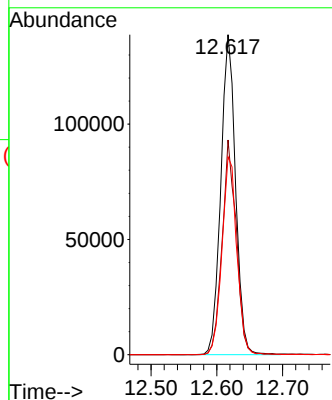
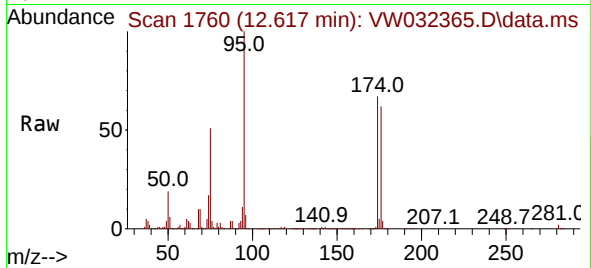




#62
4-Bromofluorobenzene
Concen: 53.510 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032365.D
Acq: 06 Oct 2025 17:23

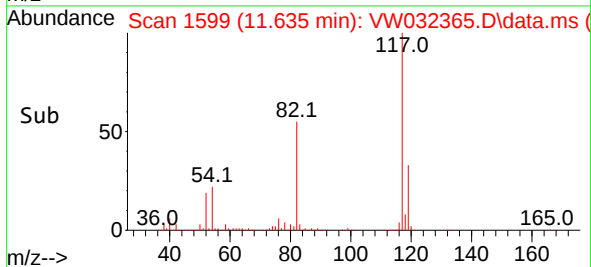
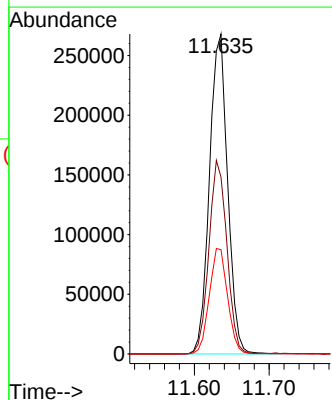
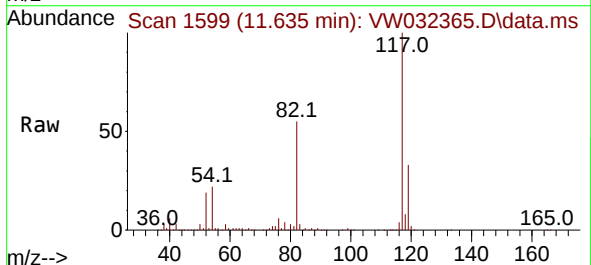
Instrument :
MSVOA_W
ClientSampleId :

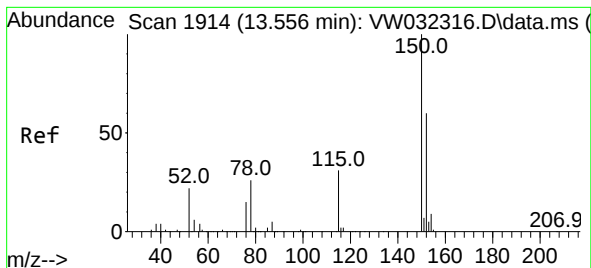
Tgt Ion: 95 Resp: 216735
Ion Ratio Lower Upper
95 100
174 64.5 0.0 145.6
176 62.3 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032365.D
Acq: 06 Oct 2025 17:23

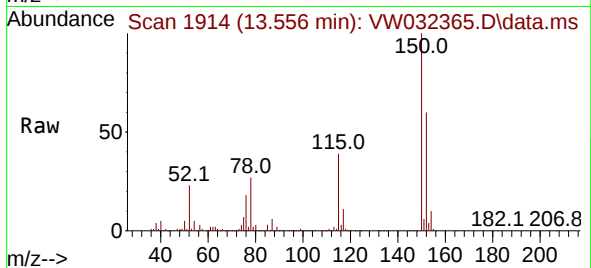
Tgt Ion: 117 Resp: 452278
Ion Ratio Lower Upper
117 100
82 55.3 42.7 64.1
119 32.6 25.2 37.8



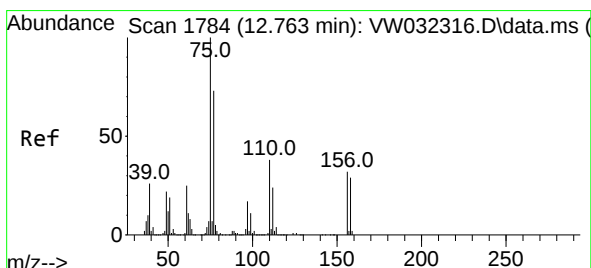
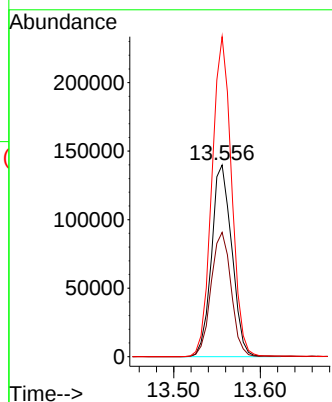
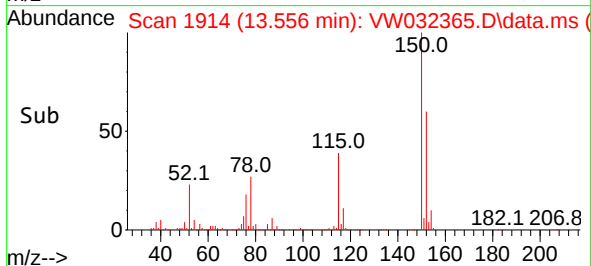


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032365.D
 Acq: 06 Oct 2025 17:23

Instrument :
 MSVOA_W
 ClientSampleId :

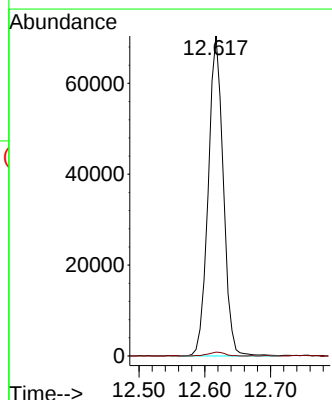
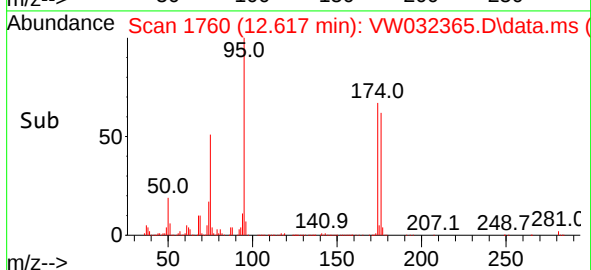
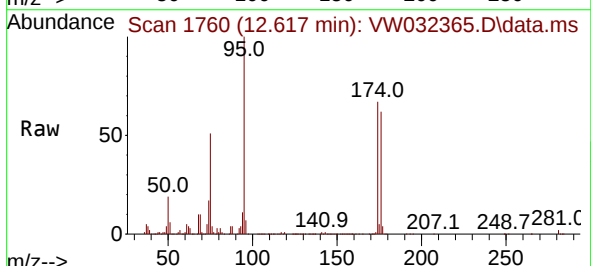


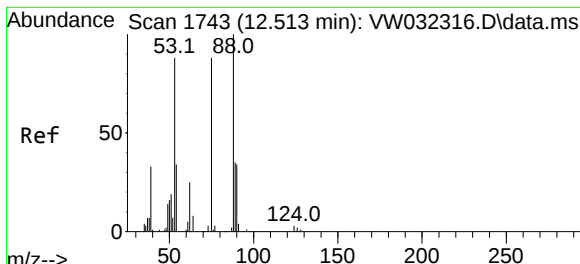
Tgt Ion:152 Resp: 227738
 Ion Ratio Lower Upper
 152 100
 115 64.3 31.8 95.4
 150 162.1 0.0 343.0



#76
 1,2,3-Trichloropropane
 Concen: 37.438 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW032365.D
 Acq: 06 Oct 2025 17:23

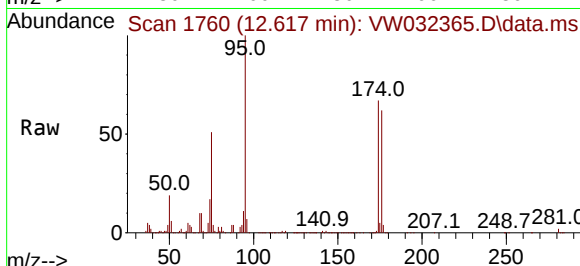
Tgt Ion: 75 Resp: 112200
 Ion Ratio Lower Upper
 75 100
 77 1.3 141.7 425.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 94.842 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.104 min
Lab File: VW032365.D
Acq: 06 Oct 2025 17:23

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 75 Resp: 112200
Ion Ratio Lower Upper
75 100
53 0.1 91.0 136.6#
89 0.0 39.4 59.2#

