

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092925\
 Data File : VW032294.D
 Acq On : 29 Sep 2025 14:16
 Operator : SY/MD
 Sample : Q3238-01
 Misc : 5.12g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RCA

Quant Time: Sep 30 02:36:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

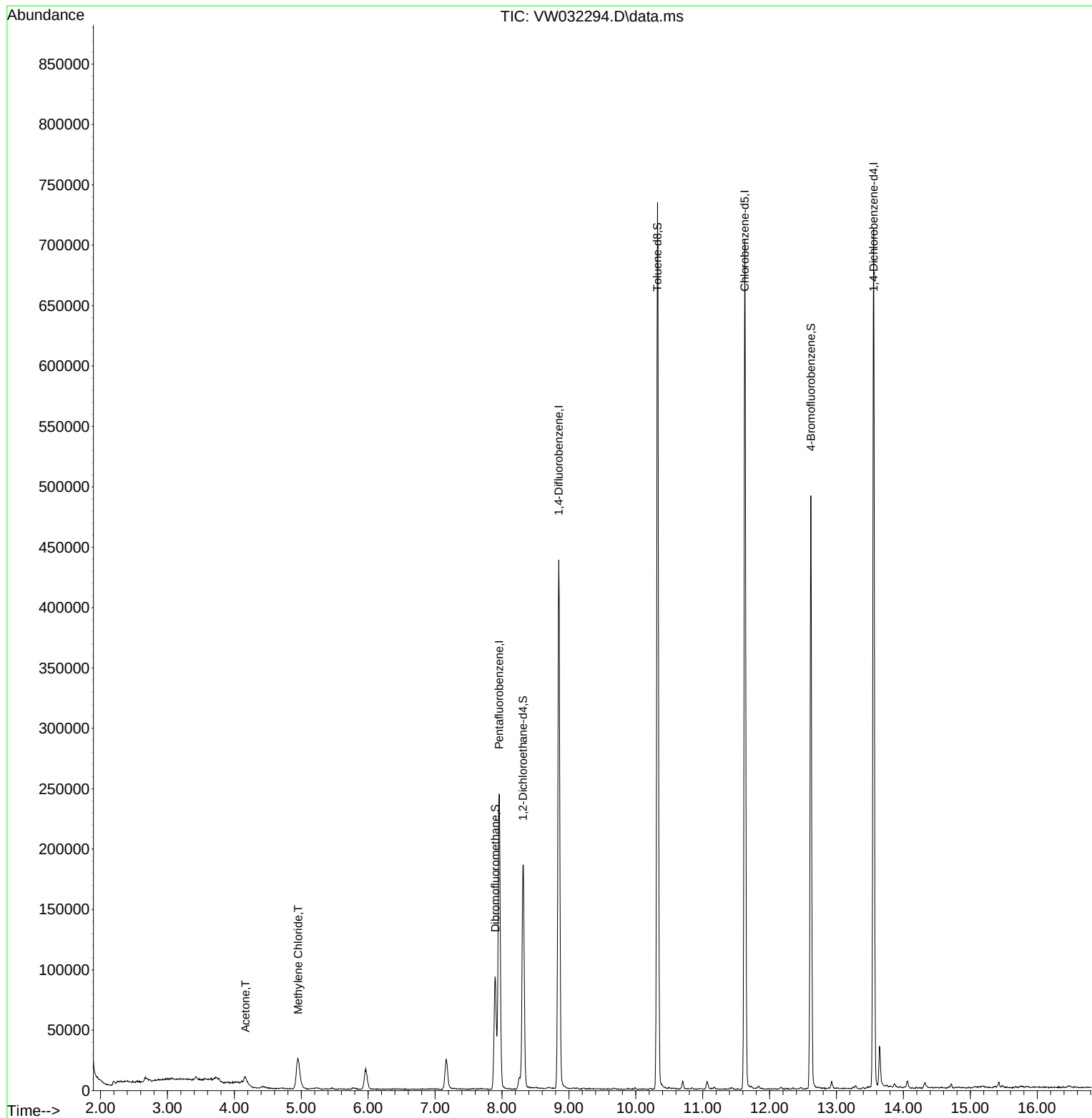
Internal Standards						
1) Pentafluorobenzene	7.959	168	166736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	358094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	380188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	175337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	158082	60.045	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	120.100%
35) Dibromofluoromethane	7.898	113	69082	26.825	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	53.640%#
50) Toluene-d8	10.325	98	473655	51.033	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	102.060%
62) 4-Bromofluorobenzene	12.617	95	168709	48.189	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.380%
Target Compounds						
						Qvalue
16) Acetone	4.167	43	8200	12.128	ug/l	89
20) Methylene Chloride	4.954	84	22576	2.004	ug/l	96

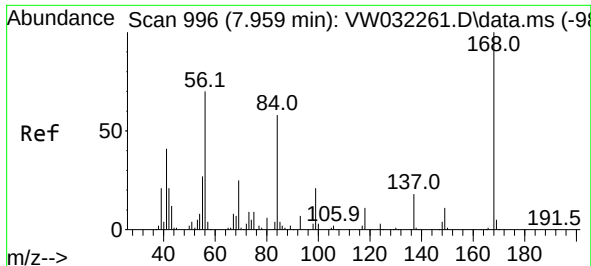
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092925\
Data File : VW032294.D
Acq On : 29 Sep 2025 14:16
Operator : SY/MD
Sample : Q3238-01
Misc : 5.12g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RCA

Quant Time: Sep 30 02:36:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

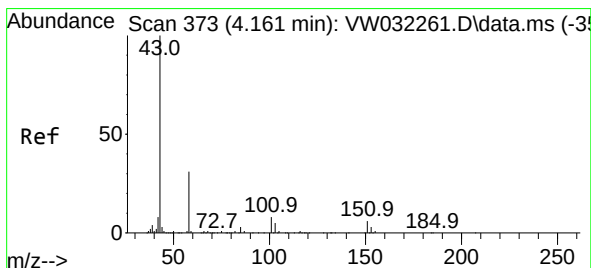
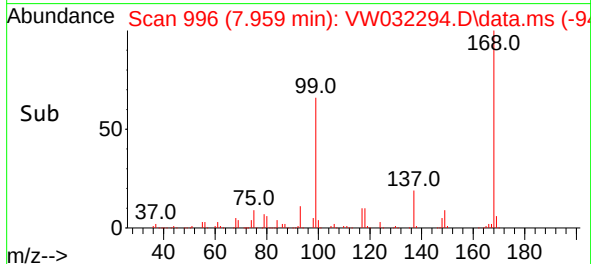
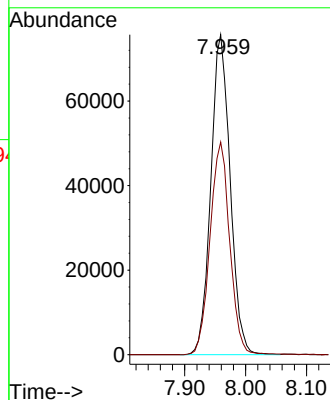
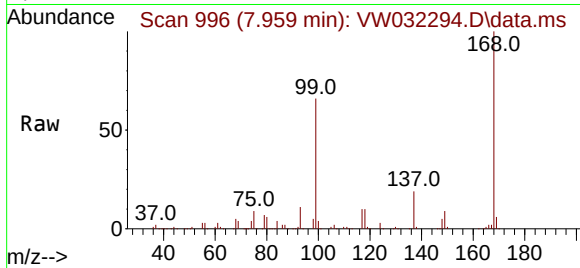




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032294.D
Acq: 29 Sep 2025 14:16

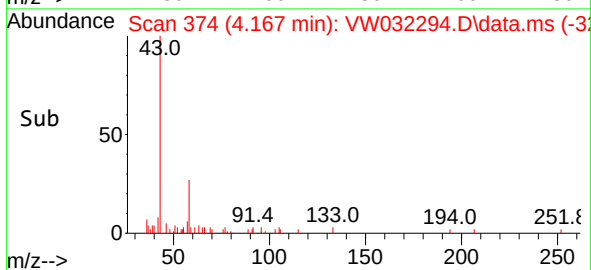
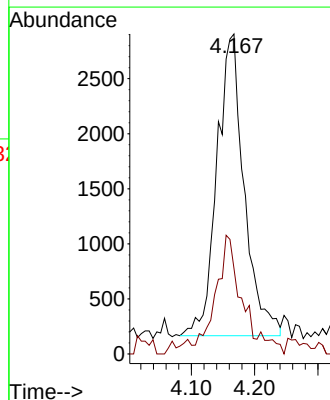
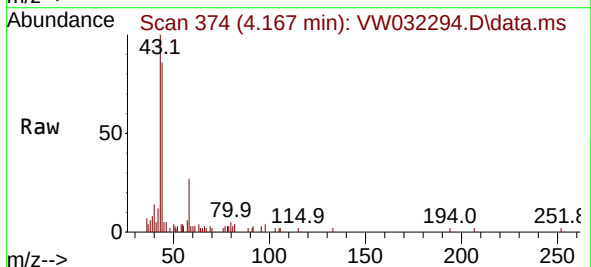
Instrument :
MSVOA_W
ClientSampleId :
RCA

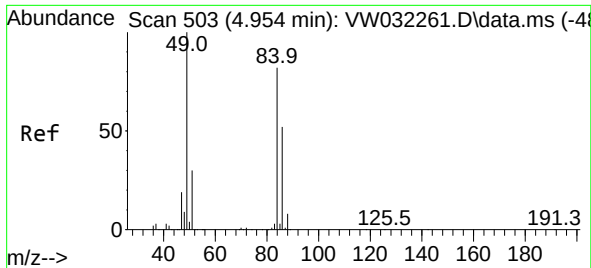
Tgt Ion:168 Resp: 166736
Ion Ratio Lower Upper
168 100
99 66.4 55.0 82.4



#16
Acetone
Concen: 12.128 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032294.D
Acq: 29 Sep 2025 14:16

Tgt Ion: 43 Resp: 8200
Ion Ratio Lower Upper
43 100
58 25.8 25.4 38.0

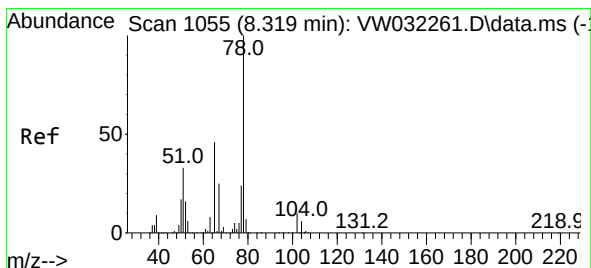
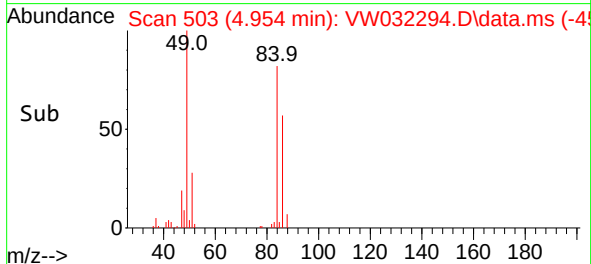
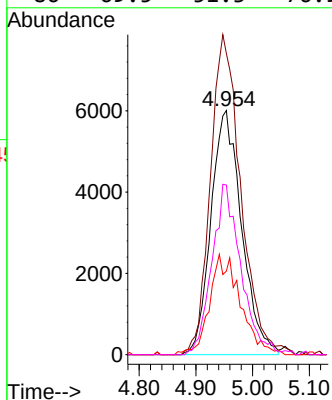
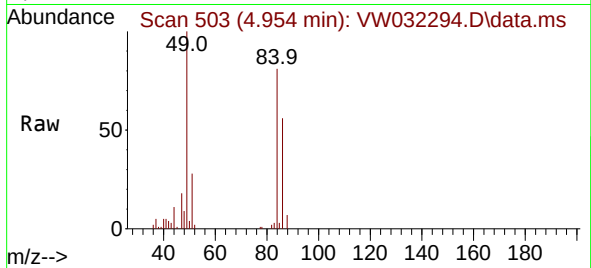




#20
Methylene Chloride
Concen: 2.004 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032294.D
Acq: 29 Sep 2025 14:16

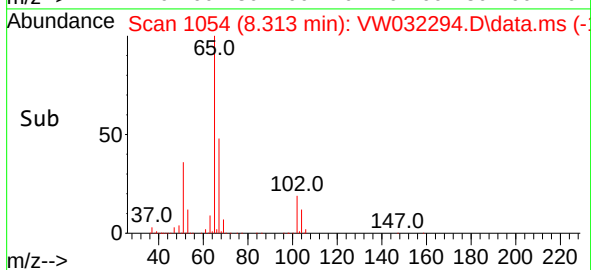
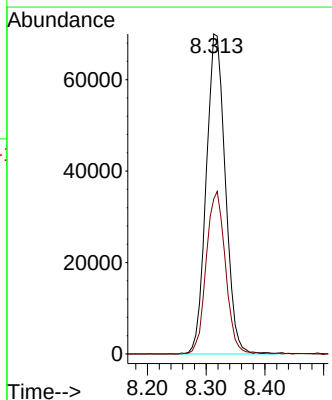
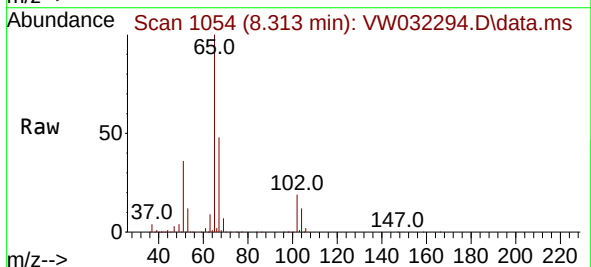
Instrument :
MSVOA_W
ClientSampleId :
RCA

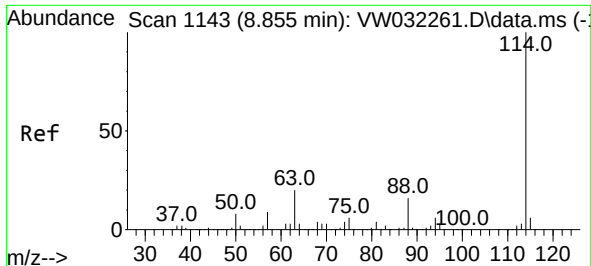
Tgt Ion:	84	Resp:	22576
Ion	Ratio	Lower	Upper
84	100		
49	123.3	97.8	146.6
51	32.9	29.9	44.9
86	69.5	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 60.045 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032294.D
Acq: 29 Sep 2025 14:16

Tgt Ion:	65	Resp:	158082
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	105.8

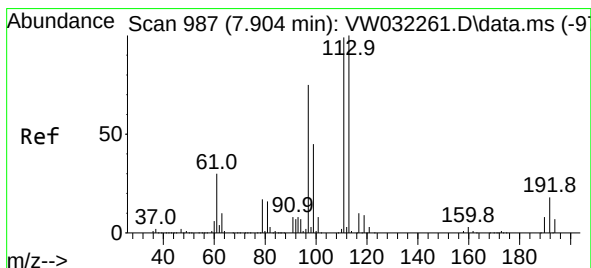
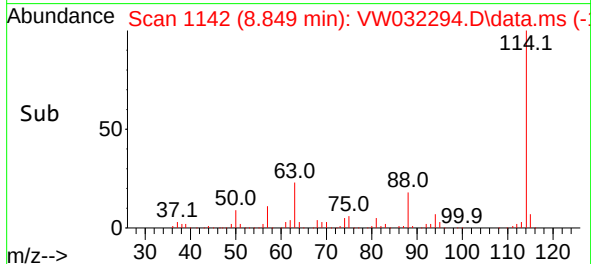
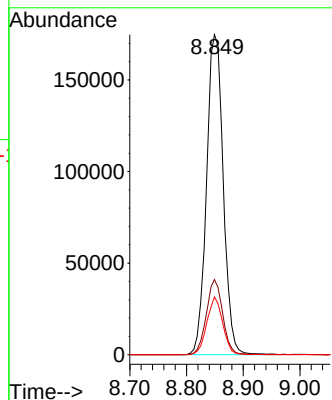
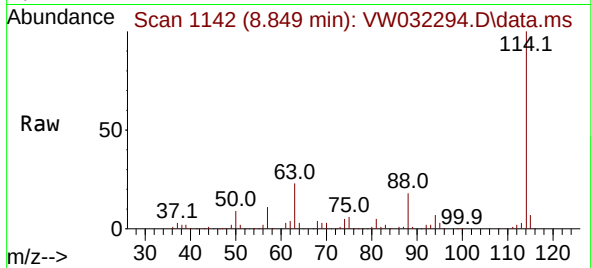




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VW032294.D
Acq: 29 Sep 2025 14:16

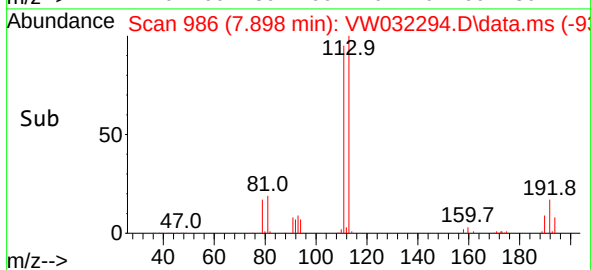
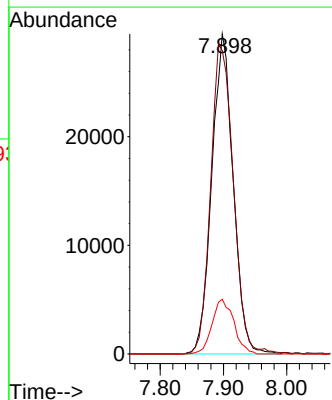
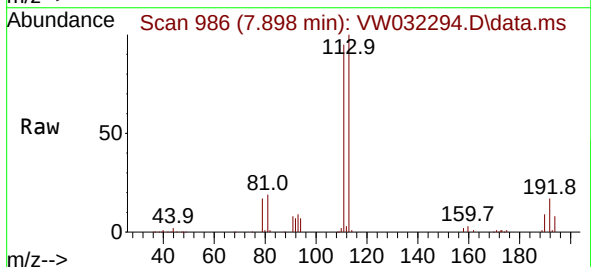
Instrument :
MSVOA_W
ClientSampleId :
RCA

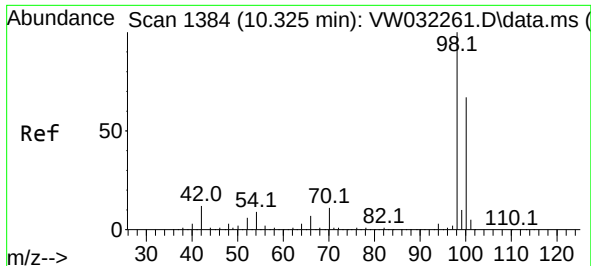
Tgt Ion:114 Resp: 358094
Ion Ratio Lower Upper
114 100
63 23.5 0.0 40.2
88 18.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 26.825 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032294.D
Acq: 29 Sep 2025 14:16

Tgt Ion:113 Resp: 69082
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 17.4 13.0 19.4

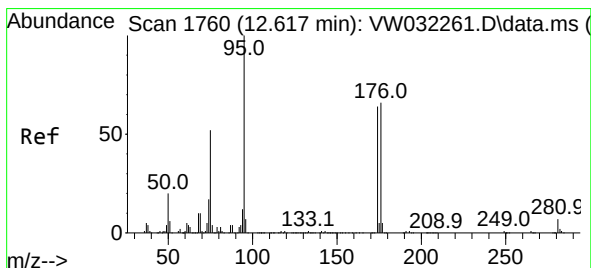
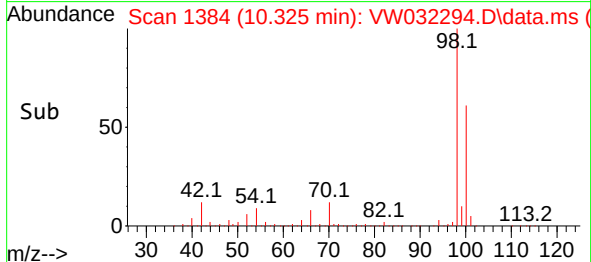
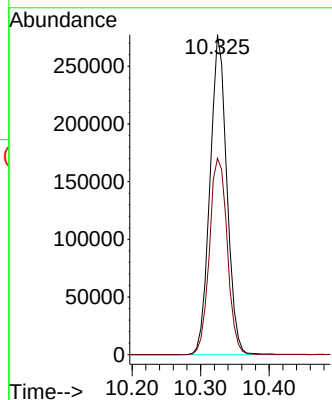
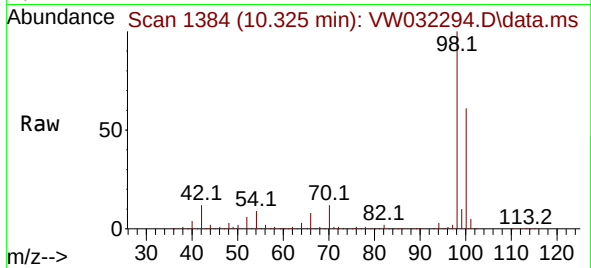




#50
Toluene-d8
Concen: 51.033 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032294.D
Acq: 29 Sep 2025 14:16

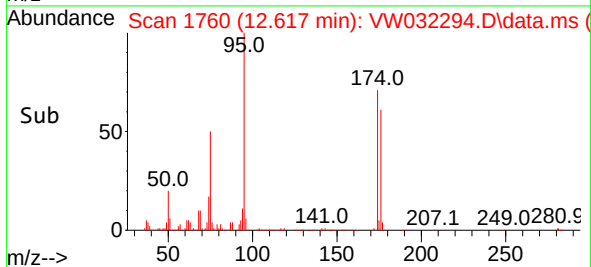
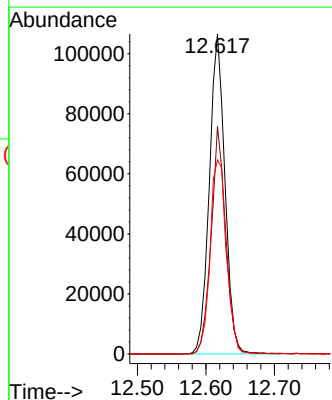
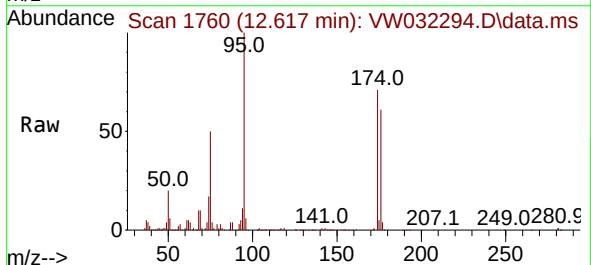
Instrument :
MSVOA_W
ClientSampleId :
RCA

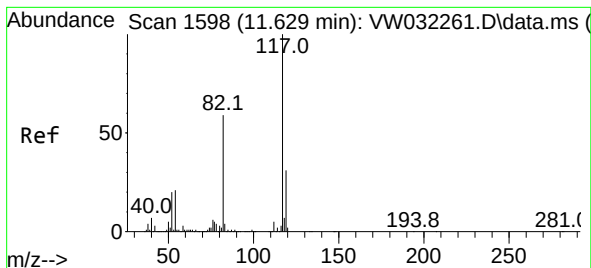
Tgt Ion: 98 Resp: 473655
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.189 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032294.D
Acq: 29 Sep 2025 14:16

Tgt Ion: 95 Resp: 168709
Ion Ratio Lower Upper
95 100
174 66.5 0.0 130.6
176 63.8 0.0 127.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032294.D

Acq: 29 Sep 2025 14:16

Instrument :

MSVOA_W

ClientSampleId :

RCA

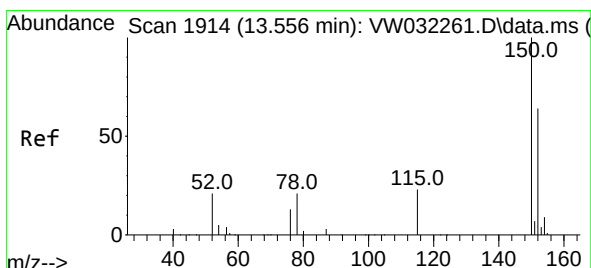
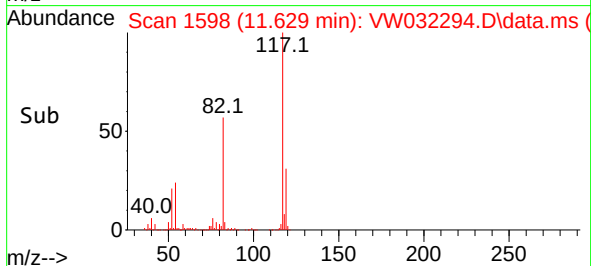
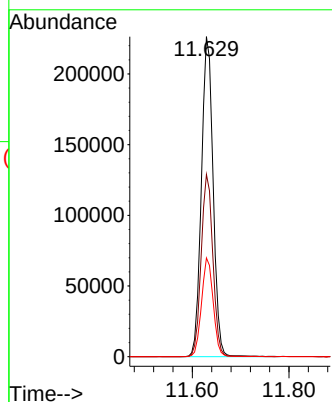
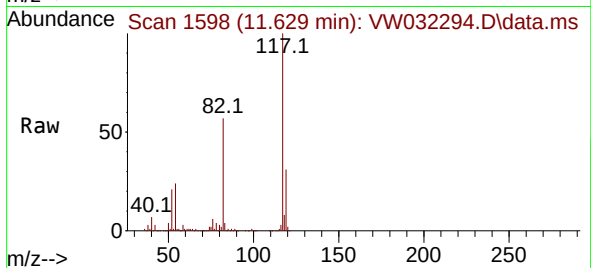
Tgt Ion:117 Resp: 380188

Ion Ratio Lower Upper

117 100

82 57.0 46.9 70.3

119 30.9 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032294.D

Acq: 29 Sep 2025 14:16

Tgt Ion:152 Resp: 175337

Ion Ratio Lower Upper

152 100

115 63.5 32.5 97.5

150 163.2 0.0 370.2

