

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032429.D
 Acq On : 11 Nov 2025 14:37
 Operator : SY/MD
 Sample : Q3586-03
 Misc : 6.67g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SED-3

Quant Time: Nov 12 03:50:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

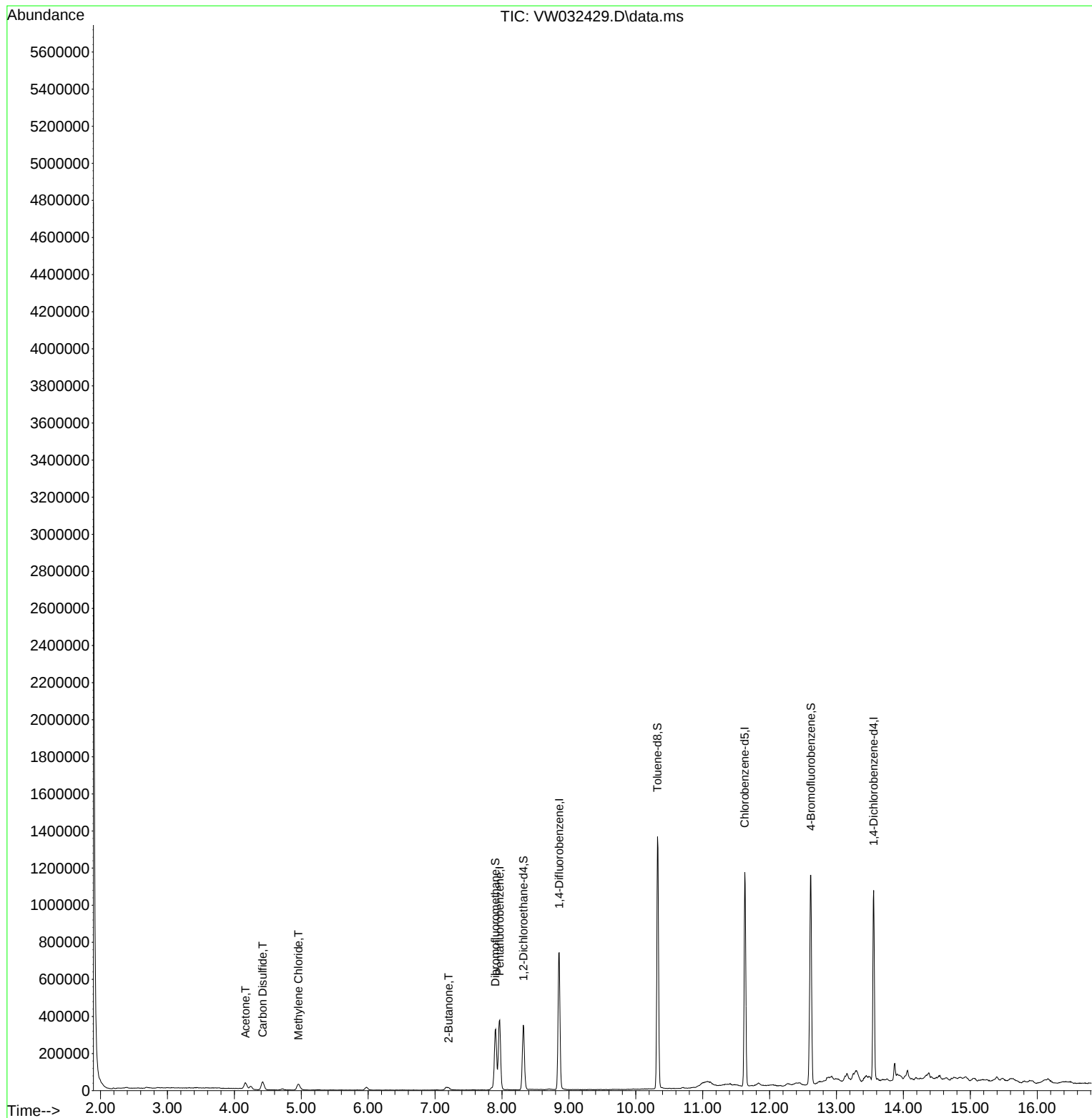
Internal Standards						
1) Pentafluorobenzene	7.965	168	280509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	638239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	636430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	265404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	275455	76.168	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	152.340%	
35) Dibromofluoromethane	7.898	113	250380	65.522	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	131.040%	
50) Toluene-d8	10.325	98	912882	62.271	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	124.540%#	
62) 4-Bromofluorobenzene	12.617	95	363244	65.593	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	131.180%	
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	62493	57.760	ug/l	98
17) Carbon Disulfide	4.423	76	100962	11.330	ug/l	100
20) Methylene Chloride	4.960	84	26747	6.913	ug/l	92
25) 2-Butanone	7.203	43	15889	9.968	ug/l	96

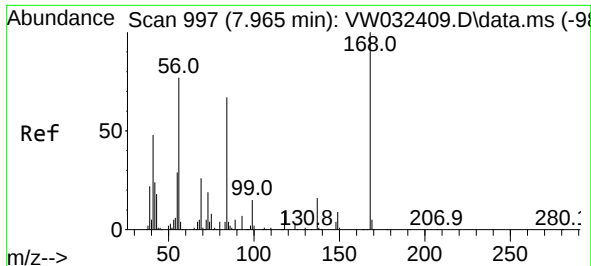
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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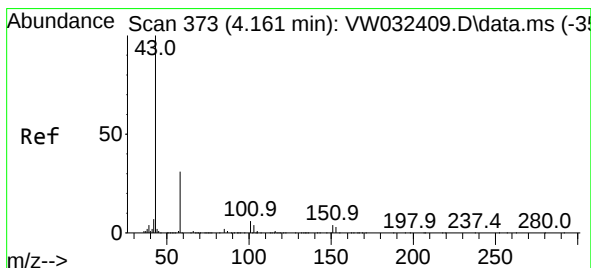
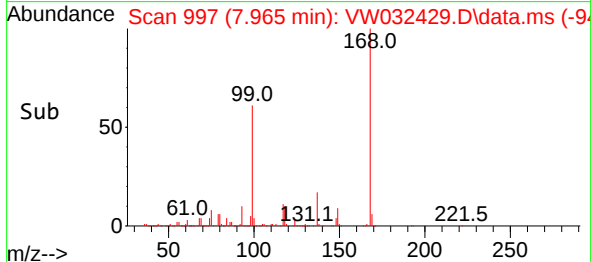
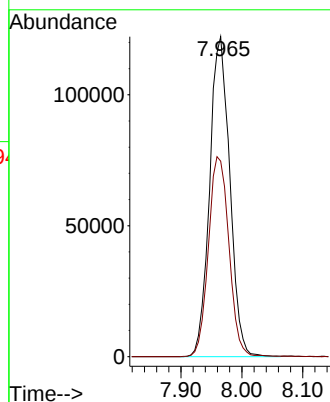
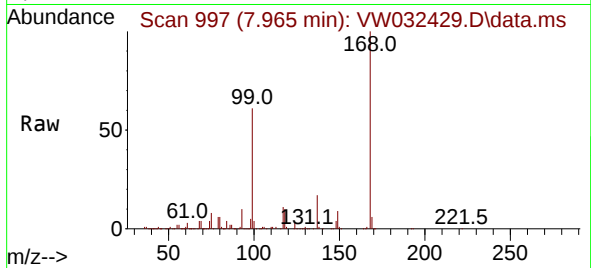




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032429.D
Acq: 11 Nov 2025 14:37

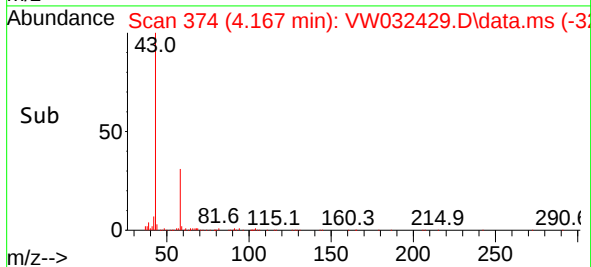
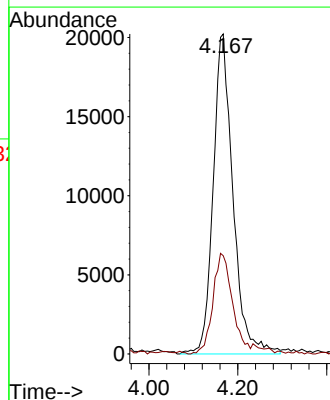
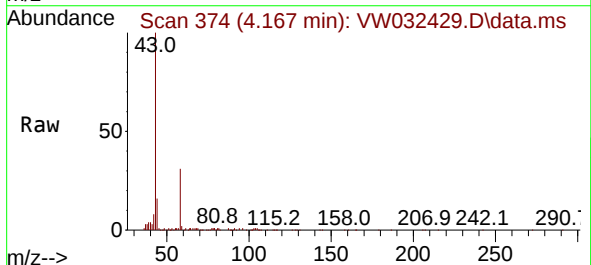
Instrument :
MSVOA_W
ClientSampleId :
SED-3

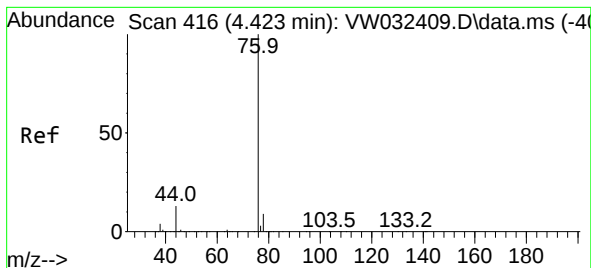
Tgt Ion:168 Resp: 280509
Ion Ratio Lower Upper
168 100
99 61.1 45.4 68.2



#16
Acetone
Concen: 57.760 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032429.D
Acq: 11 Nov 2025 14:37

Tgt Ion: 43 Resp: 62493
Ion Ratio Lower Upper
43 100
58 29.9 24.8 37.2





#17

Carbon Disulfide

Concen: 11.330 ug/l

RT: 4.423 min Scan# 416

Delta R.T. 0.000 min

Lab File: VW032429.D

Acq: 11 Nov 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

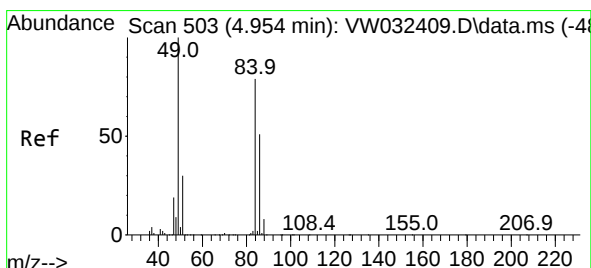
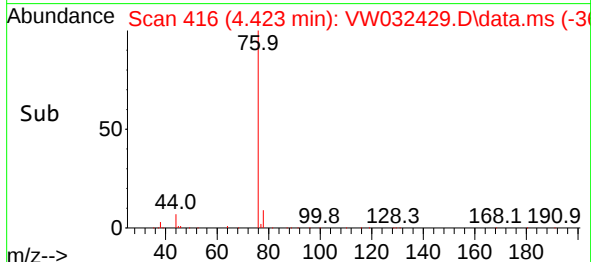
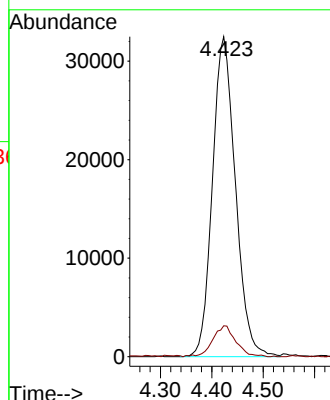
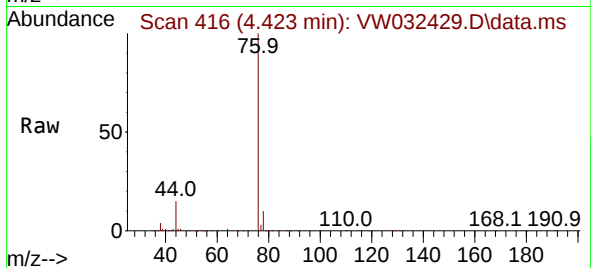
SED-3

Tgt Ion: 76 Resp: 100962

Ion Ratio Lower Upper

76 100

78 9.6 7.6 11.4



#20

Methylene Chloride

Concen: 6.913 ug/l

RT: 4.960 min Scan# 504

Delta R.T. 0.006 min

Lab File: VW032429.D

Acq: 11 Nov 2025 14:37

Tgt Ion: 84 Resp: 26747

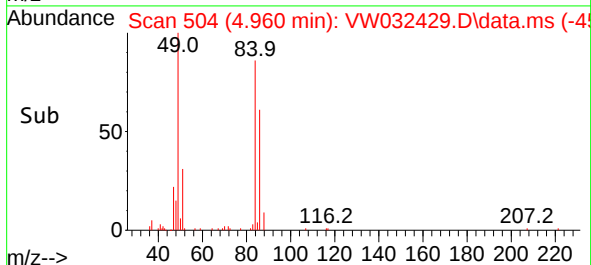
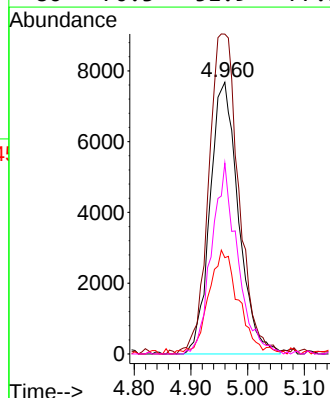
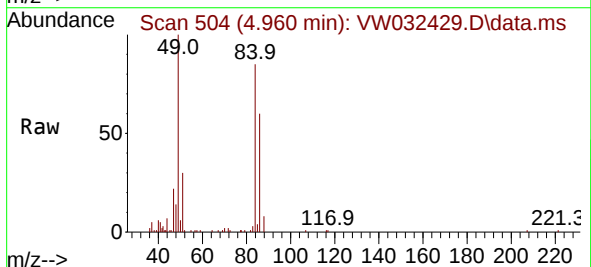
Ion Ratio Lower Upper

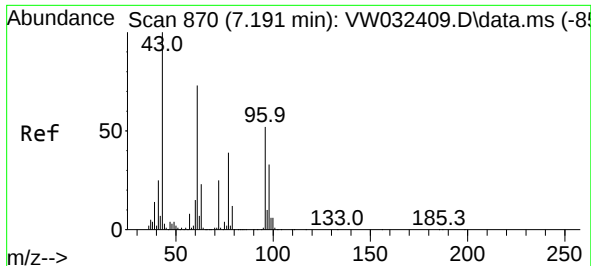
84 100

49 116.7 101.5 152.3

51 34.7 30.6 46.0

86 70.3 51.9 77.9

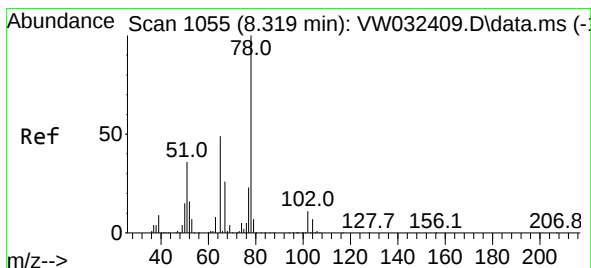
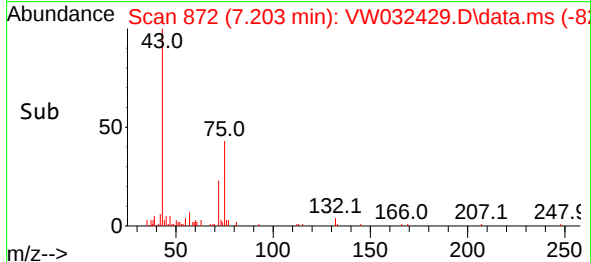
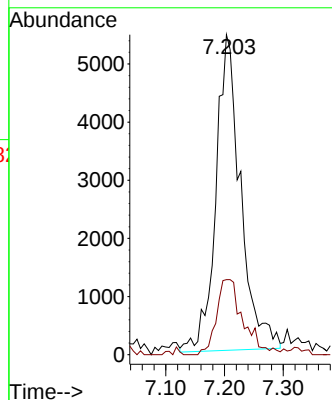
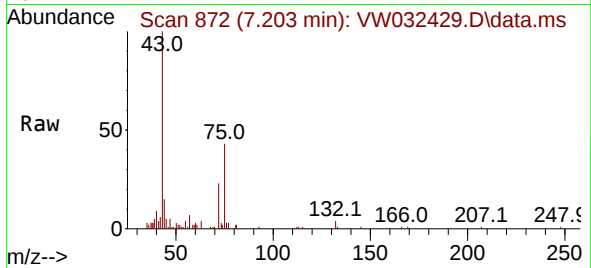




#25
2-Butanone
Concen: 9.968 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW032429.D
Acq: 11 Nov 2025 14:37

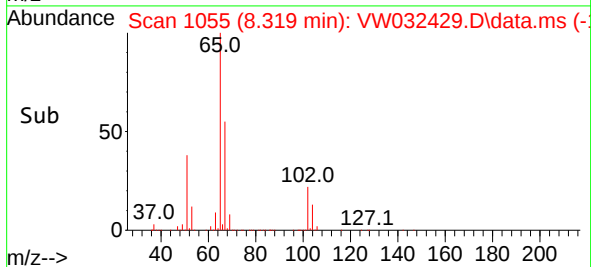
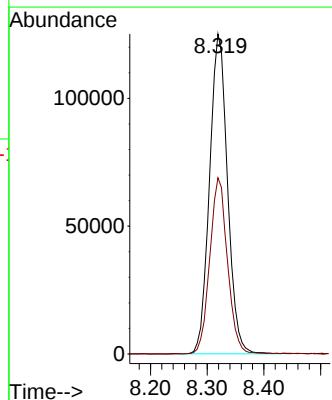
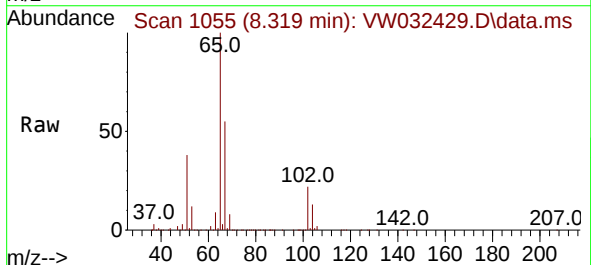
Instrument :
MSVOA_W
ClientSampleId :
SED-3

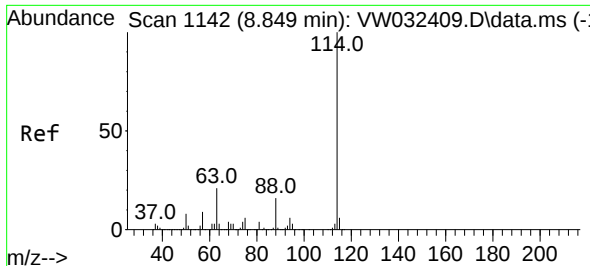
Tgt Ion: 43 Resp: 15889
Ion Ratio Lower Upper
43 100
72 23.0 20.0 30.0



#33
1,2-Dichloroethane-d4
Concen: 76.168 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032429.D
Acq: 11 Nov 2025 14:37

Tgt Ion: 65 Resp: 275455
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.8

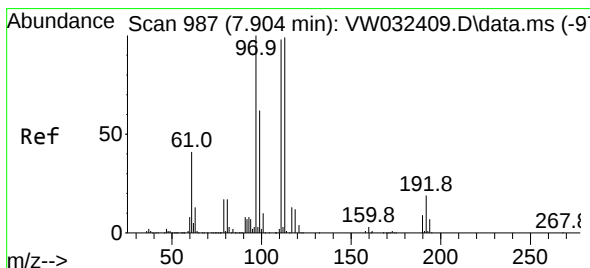
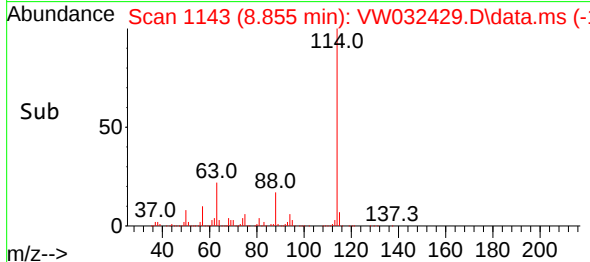
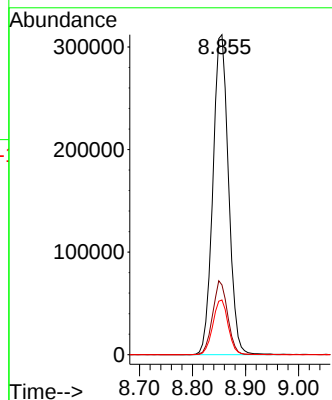
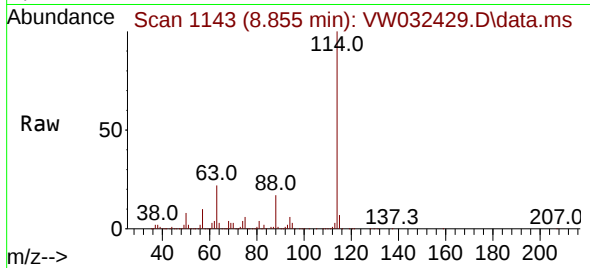




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW032429.D
Acq: 11 Nov 2025 14:37

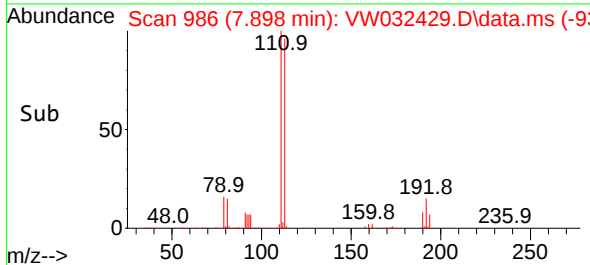
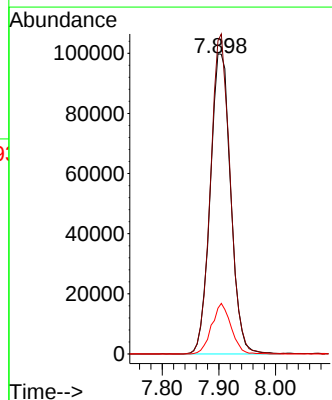
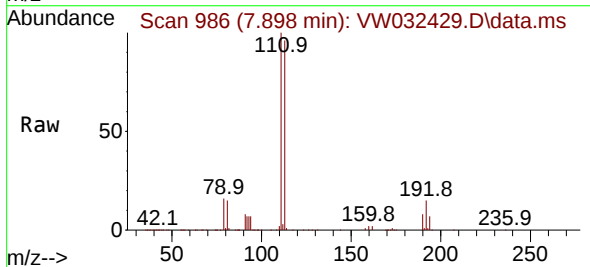
Instrument :
MSVOA_W
ClientSampleId :
SED-3

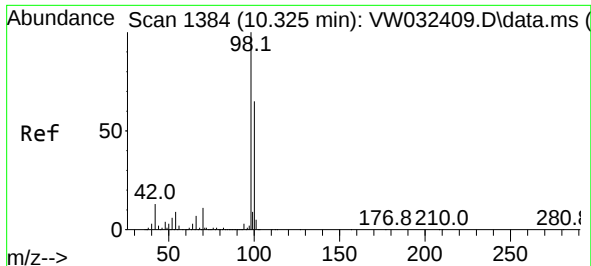
Tgt Ion:114 Resp: 638239
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.8
88 17.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 65.522 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032429.D
Acq: 11 Nov 2025 14:37

Tgt Ion:113 Resp: 250380
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 15.9 13.4 20.2

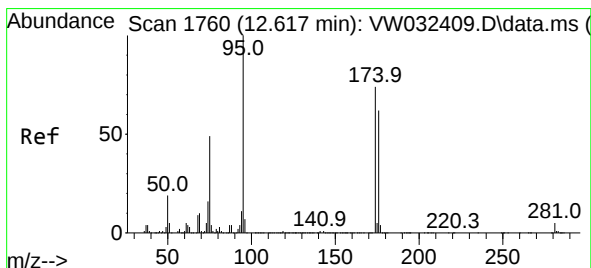
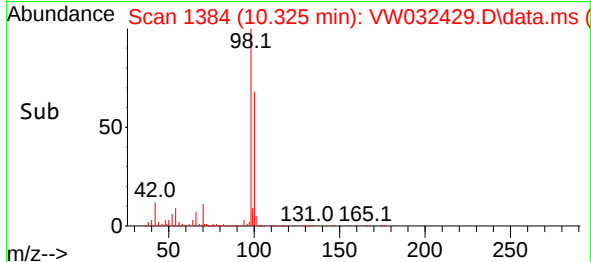
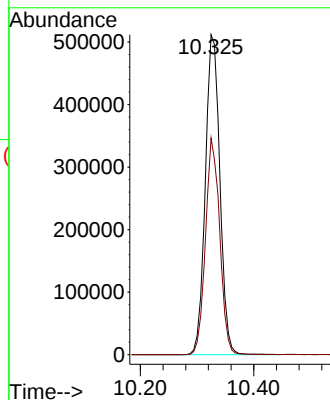
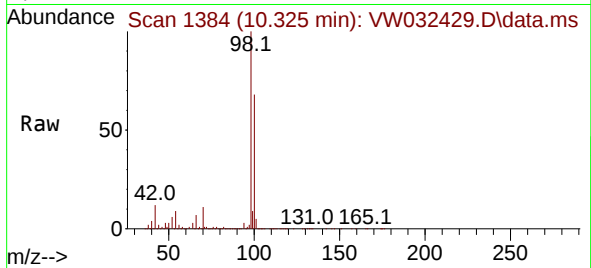




#50
Toluene-d8
Concen: 62.271 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032429.D
Acq: 11 Nov 2025 14:37

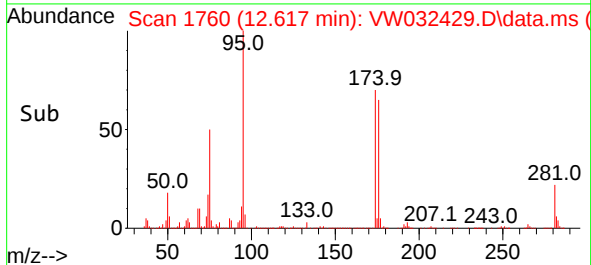
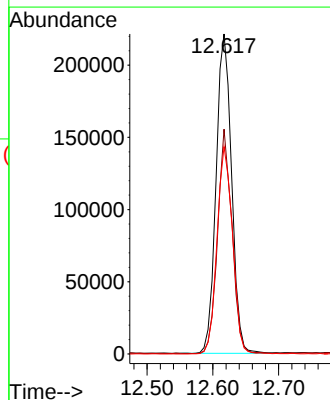
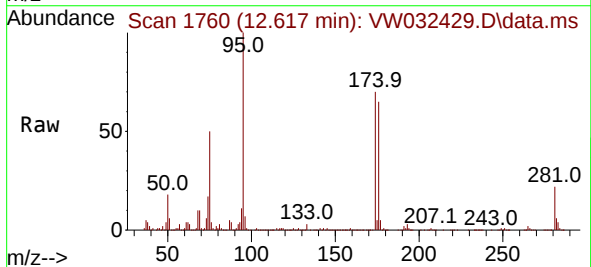
Instrument :
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ClientSampleId :
SED-3

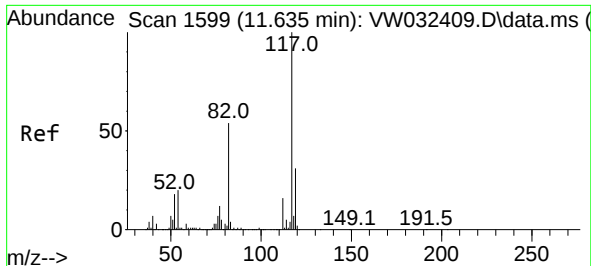
Tgt Ion: 98 Resp: 912882
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 65.593 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032429.D
Acq: 11 Nov 2025 14:37

Tgt Ion: 95 Resp: 363244
Ion Ratio Lower Upper
95 100
174 65.1 0.0 135.4
176 65.2 0.0 131.8

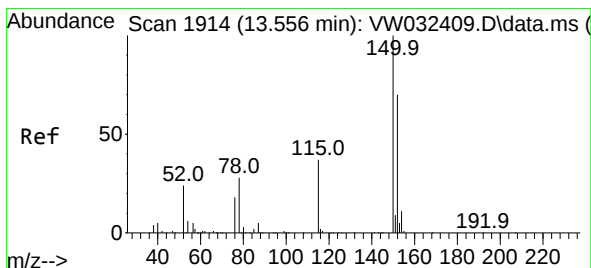
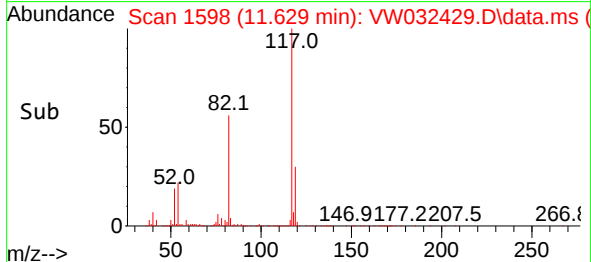
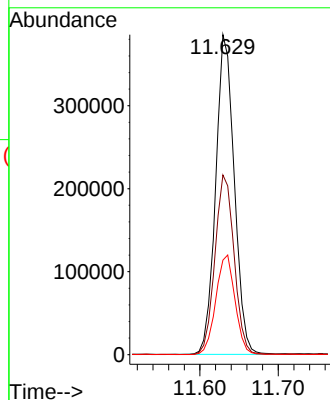
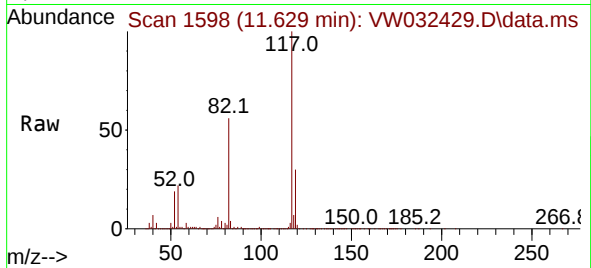




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032429.D
Acq: 11 Nov 2025 14:37

Instrument :
MSVOA_W
ClientSampleId :
SED-3

Tgt Ion:117 Resp: 636430
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 29.5 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032429.D
Acq: 11 Nov 2025 14:37

Tgt Ion:152 Resp: 265404
Ion Ratio Lower Upper
152 100
115 64.2 32.8 98.3
150 161.5 0.0 356.6

