

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032379.D
 Acq On : 20 Oct 2025 11:11
 Operator : SY/MD
 Sample : VW1020SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1020SBL01

Quant Time: Oct 21 01:23:29 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)

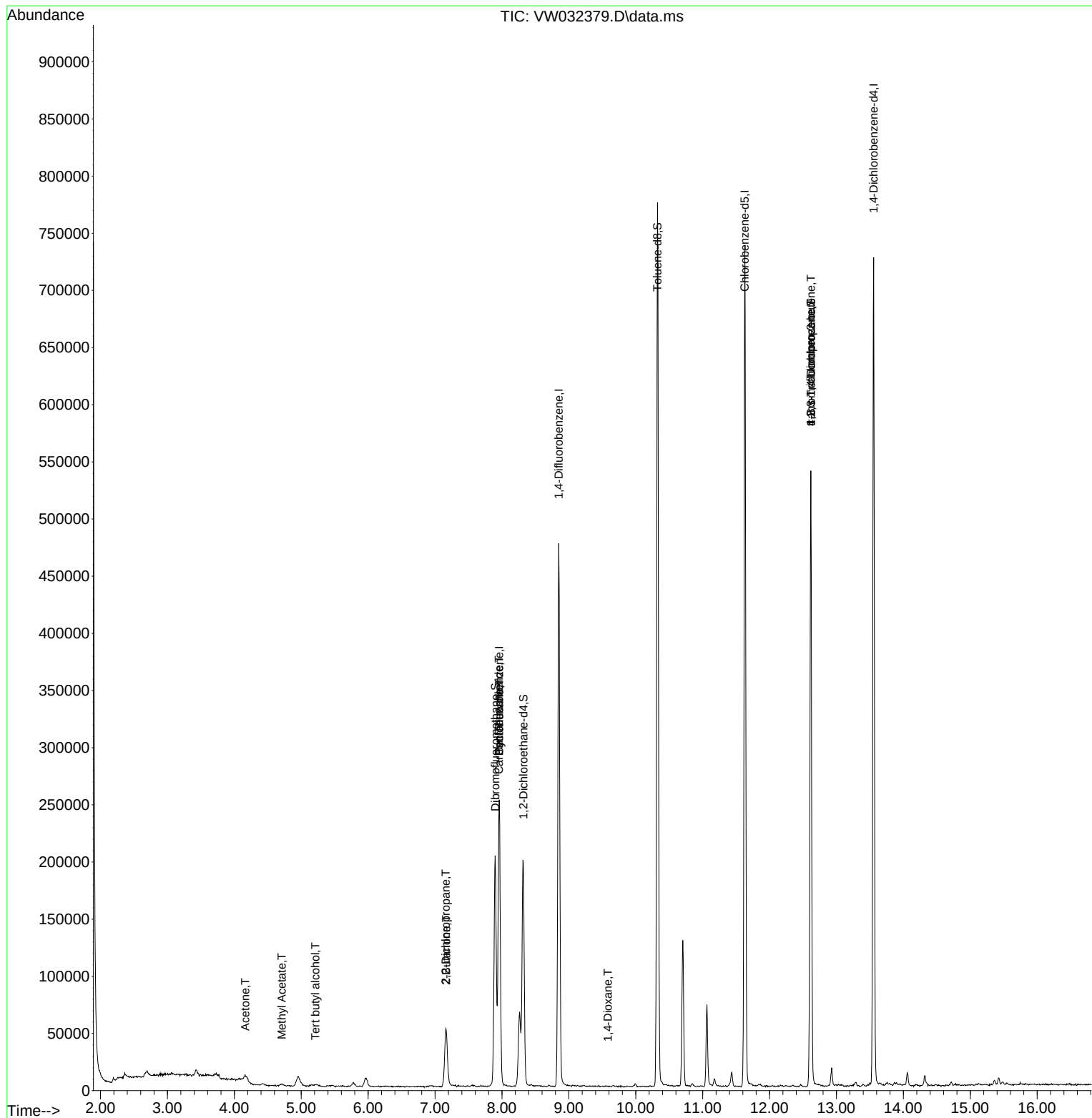
Internal Standards						
1) Pentafluorobenzene	7.959	168	172114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	392797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	400571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	188560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	164963	65.712	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 131.420%		
35) Dibromofluoromethane	7.898	113	148107	58.223	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 116.440%		
50) Toluene-d8	10.325	98	512060	54.541	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 109.080%		
62) 4-Bromofluorobenzene	12.617	95	183742	51.779	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 103.560%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.210	59	1867	9.825	ug/l #	79
16) Acetone	4.161	43	6908	9.938	ug/l	93
18) Methyl Acetate	4.710	43	4362	2.191	ug/l	95
20) Methylene Chloride	4.954	84	6835	Below Cal		95
25) 2-Butanone	7.167	43	3330	3.517	ug/l	90
26) 2,2-Dichloropropane	7.161	77	4054	1.915	ug/l #	52
31) Cyclohexane	7.959	56	4866	1.377	ug/l #	1
38) Carbon Tetrachloride	7.953	117	19506	5.774	ug/l #	20
49) 1,4-Dioxane	9.581	88	26	1.101	ug/l #	1
76) 1,2,3-Trichloropropane	12.617	75	94145	37.941	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	94145	96.115	ug/l #	5

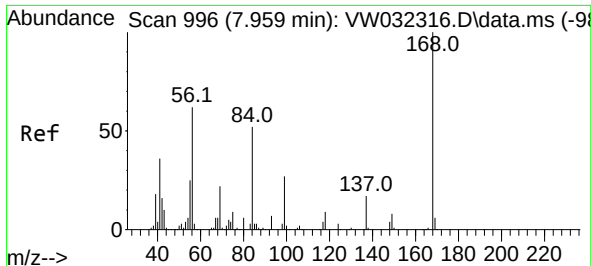
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
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MSVOA_W
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VW1020SBL01

Quant Time: Oct 21 01:23:29 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

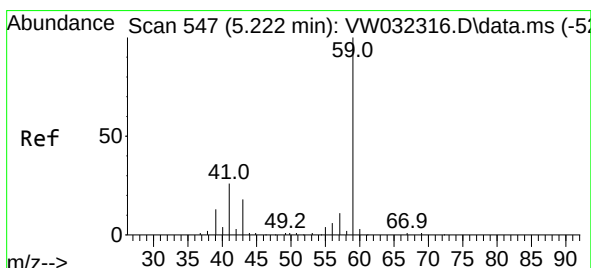
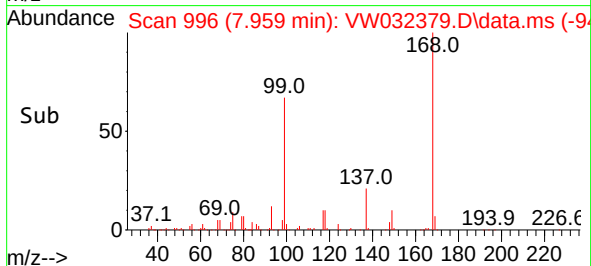
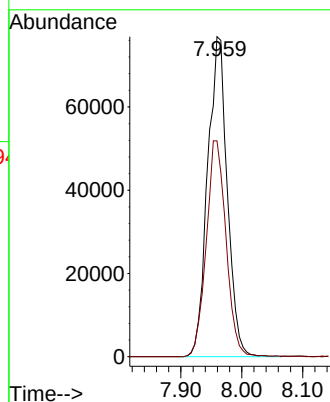
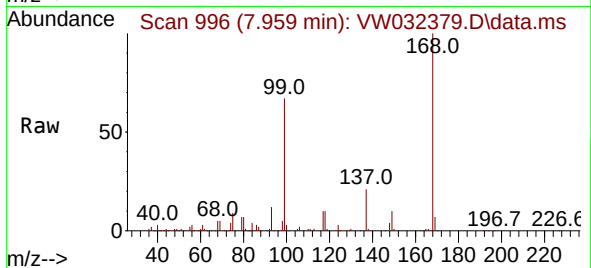




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032379.D
Acq: 20 Oct 2025 11:11

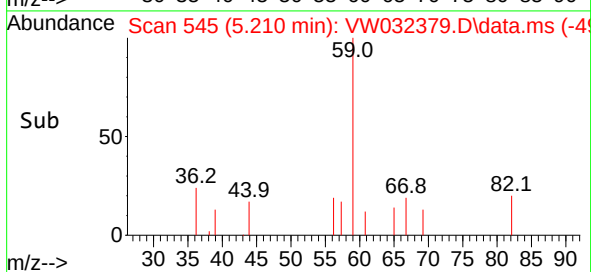
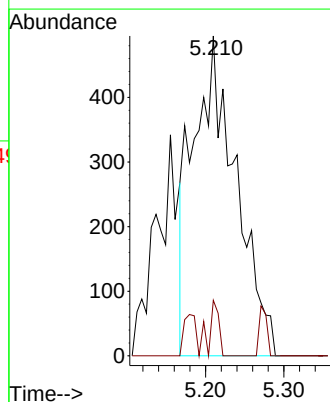
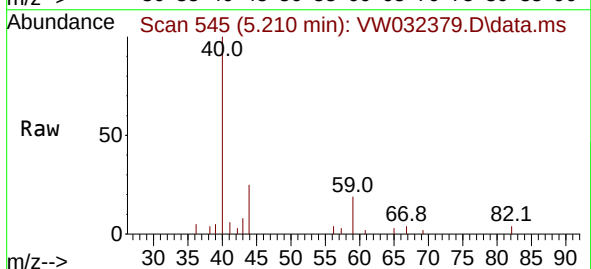
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBL01

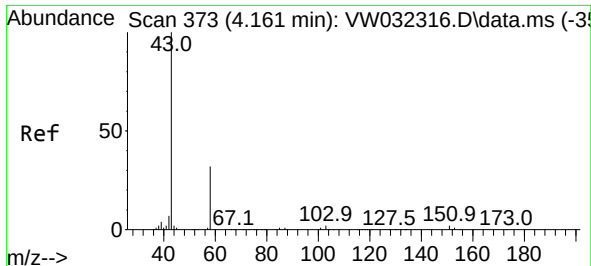
Tgt Ion:168 Resp: 172114
Ion Ratio Lower Upper
168 100
99 67.4 49.3 73.9



#11
Tert butyl alcohol
Concen: 9.825 ug/l
RT: 5.210 min Scan# 545
Delta R.T. -0.012 min
Lab File: VW032379.D
Acq: 20 Oct 2025 11:11

Tgt Ion: 59 Resp: 1867
Ion Ratio Lower Upper
59 100
57 4.0 9.8 14.6

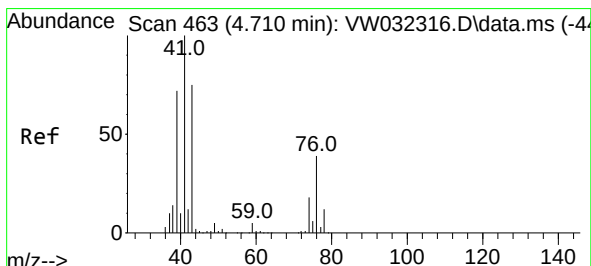
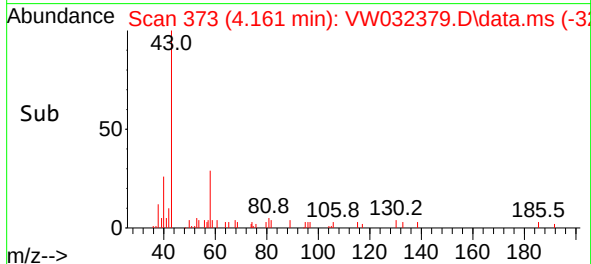
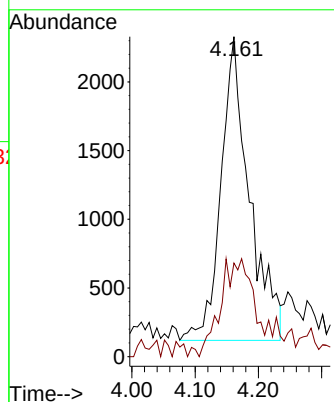
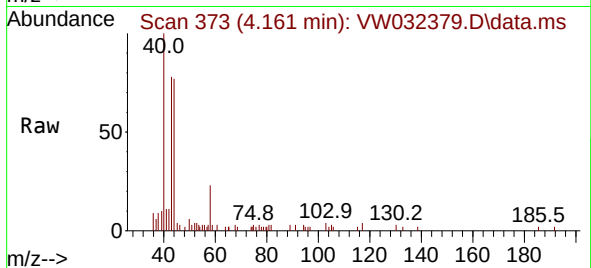




#16
Acetone
Concen: 9.938 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032379.D
Acq: 20 Oct 2025 11:11

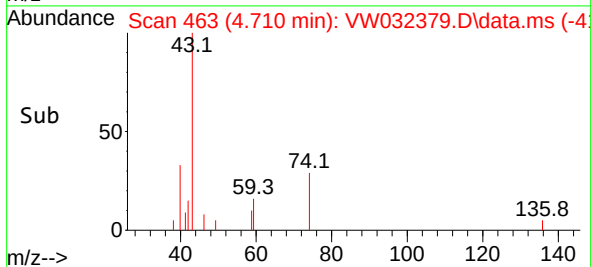
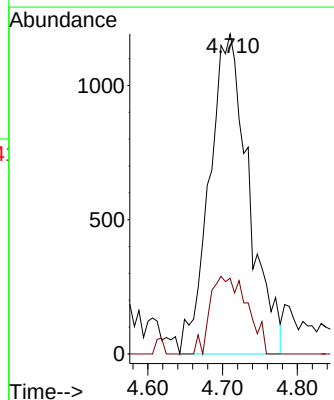
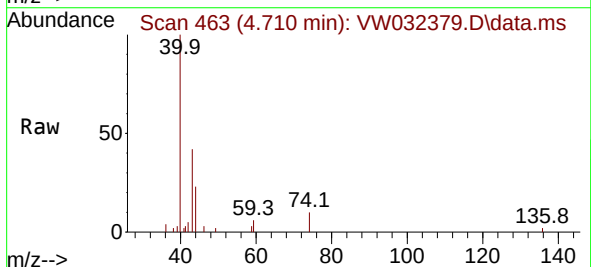
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBL01

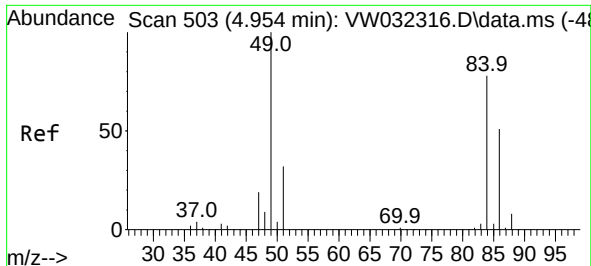
Tgt Ion: 43 Resp: 6908
Ion Ratio Lower Upper
43 100
58 27.6 25.3 37.9



#18
Methyl Acetate
Concen: 2.191 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032379.D
Acq: 20 Oct 2025 11:11

Tgt Ion: 43 Resp: 4362
Ion Ratio Lower Upper
43 100
74 22.9 20.2 30.4

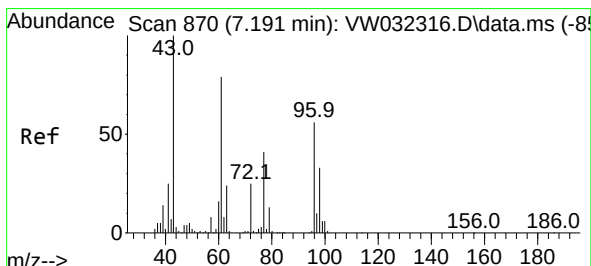
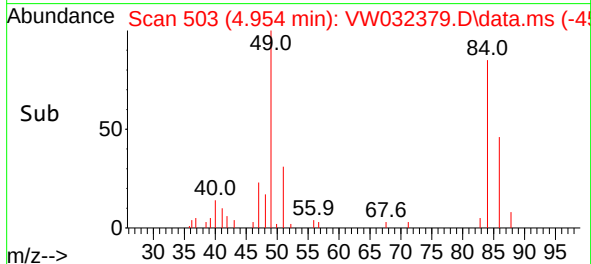
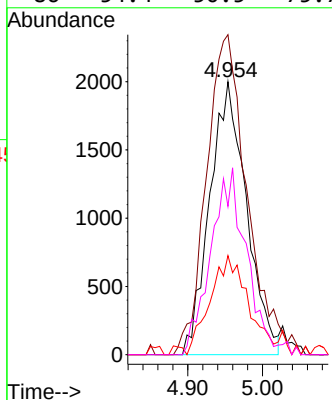
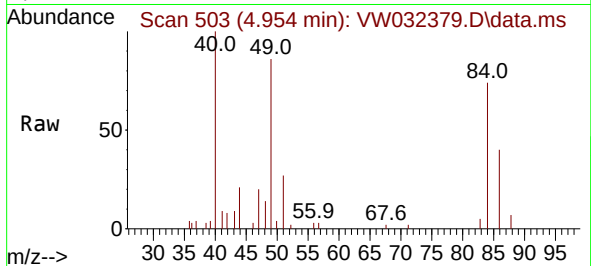




#20
Methylene Chloride
Concen: Below Cal
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032379.D
Acq: 20 Oct 2025 11:11

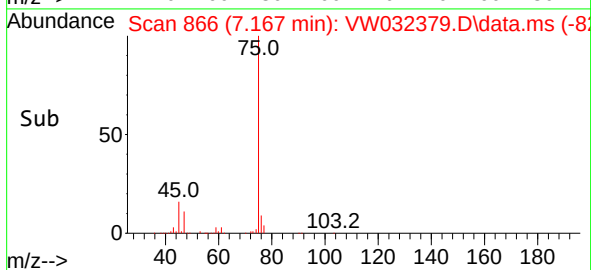
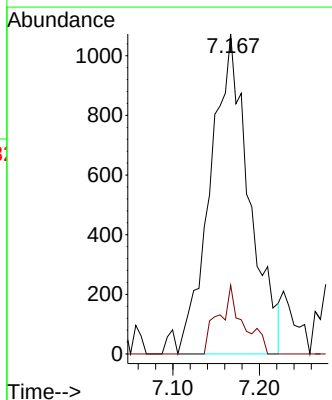
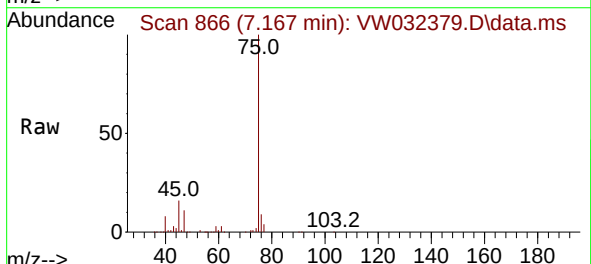
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBL01

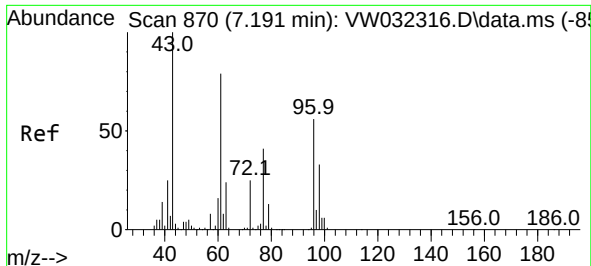
Tgt Ion:	84	Resp:	6835
Ion	Ratio	Lower	Upper
84	100		
49	114.6	92.2	138.4
51	33.5	31.0	46.6
86	54.4	50.5	75.7



#25
2-Butanone
Concen: 3.517 ug/l
RT: 7.167 min Scan# 866
Delta R.T. -0.024 min
Lab File: VW032379.D
Acq: 20 Oct 2025 11:11

Tgt Ion:	43	Resp:	3330
Ion	Ratio	Lower	Upper
43	100		
72	21.5	21.4	32.2

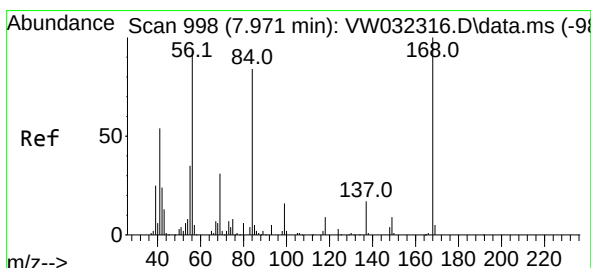
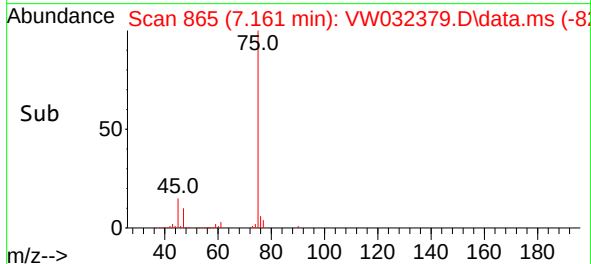
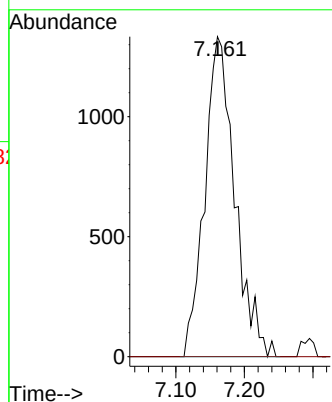
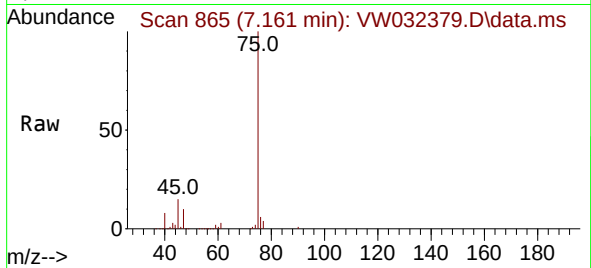




#26
2,2-Dichloropropane
Concen: 1.915 ug/l
RT: 7.161 min Scan# 80
Delta R.T. -0.024 min
Lab File: VW032379.D
Acq: 20 Oct 2025 11:11

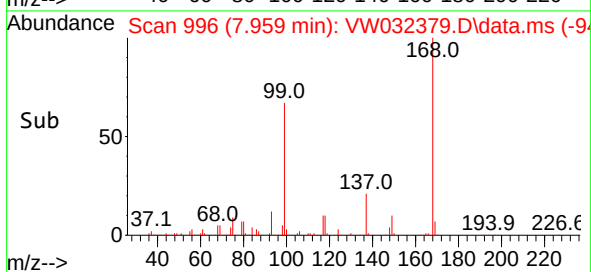
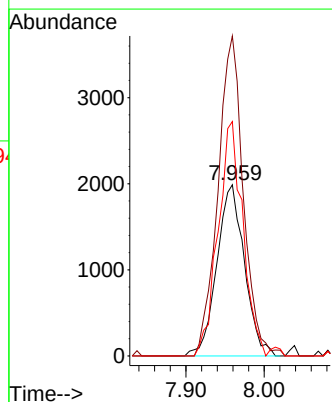
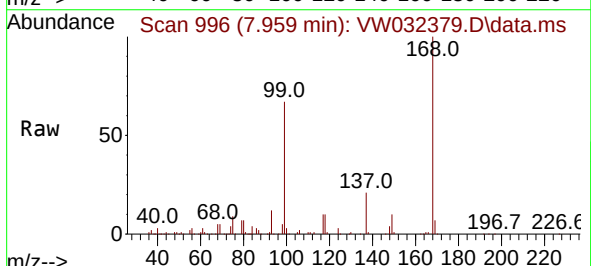
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBL01

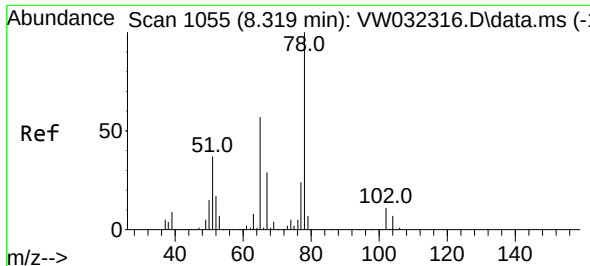
Tgt Ion: 77 Resp: 4054
Ion Ratio Lower Upper
77 100
97 0.0 11.9 35.5#



#31
Cyclohexane
Concen: 1.377 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032379.D
Acq: 20 Oct 2025 11:11

Tgt Ion: 56 Resp: 4866
Ion Ratio Lower Upper
56 100
69 186.9 27.7 41.5#
84 136.9 74.6 112.0#

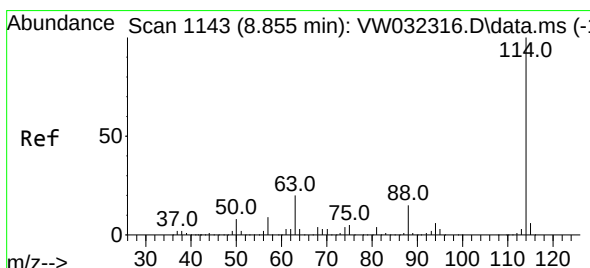
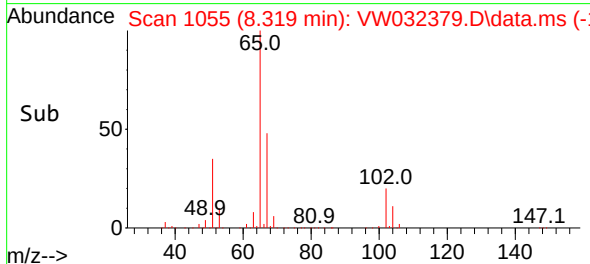
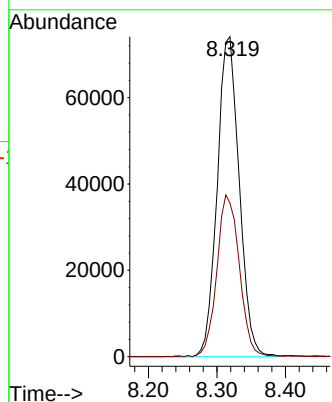
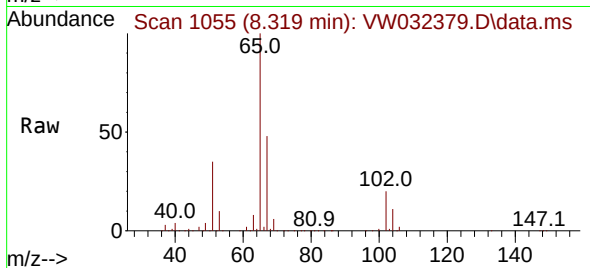




#33
1,2-Dichloroethane-d4
Concen: 65.712 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032379.D
Acq: 20 Oct 2025 11:11

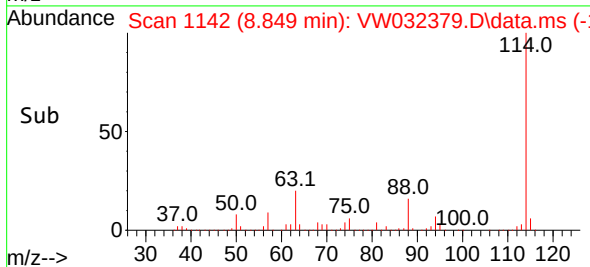
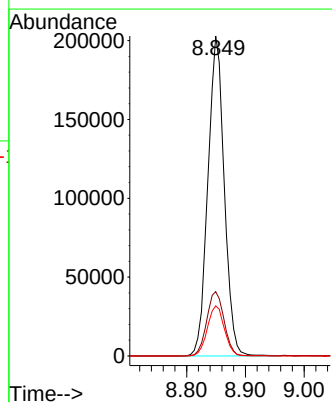
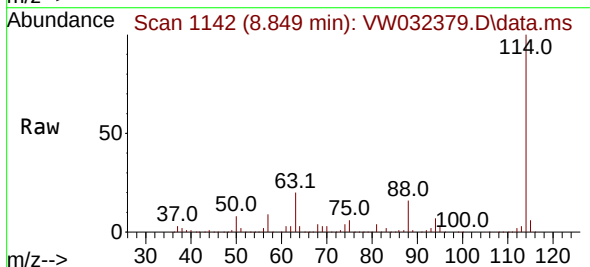
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBL01

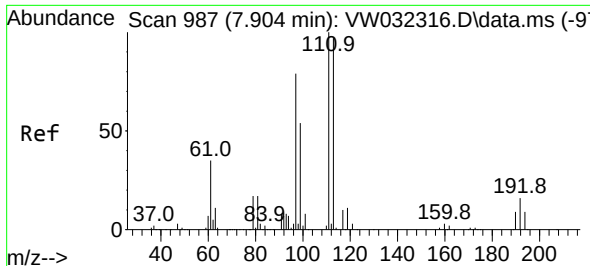
Tgt Ion: 65 Resp: 164963
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032379.D
Acq: 20 Oct 2025 11:11

Tgt Ion: 114 Resp: 392797
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.4
88 15.6 0.0 32.0

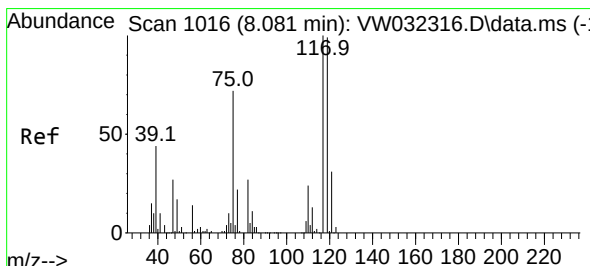
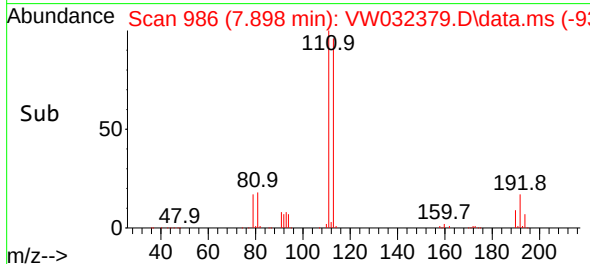
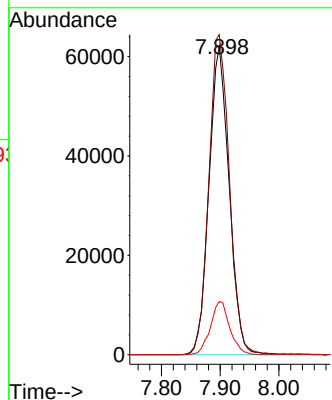
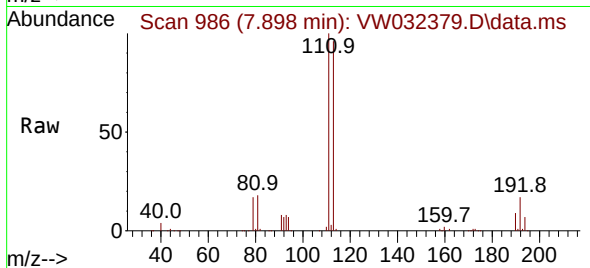




#35
 Dibromofluoromethane
 Concen: 58.223 ug/l
 RT: 7.898 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VW032379.D
 Acq: 20 Oct 2025 11:11

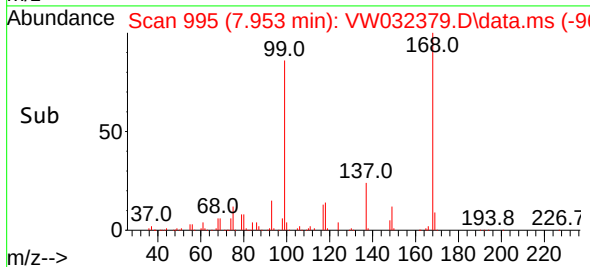
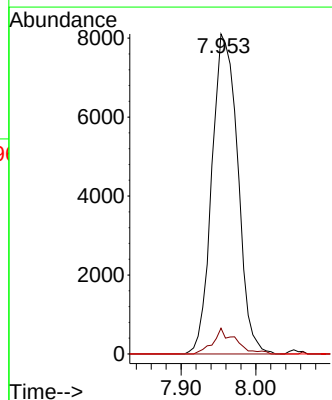
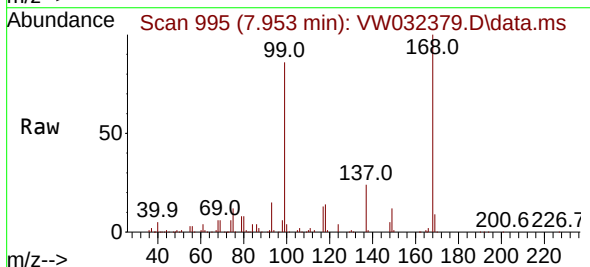
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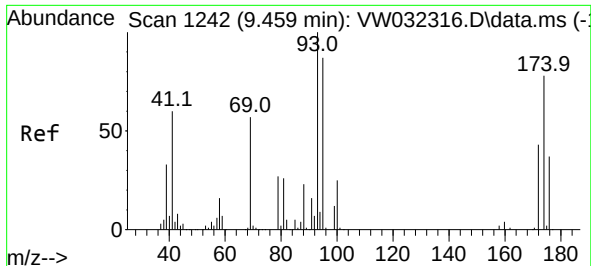
Tgt Ion:113 Resp: 148107
 Ion Ratio Lower Upper
 113 100
 111 105.1 83.9 125.9
 192 16.6 14.6 21.8



#38
 Carbon Tetrachloride
 Concen: 5.774 ug/l
 RT: 7.953 min Scan# 995
 Delta R.T. -0.134 min
 Lab File: VW032379.D
 Acq: 20 Oct 2025 11:11

Tgt Ion:117 Resp: 19506
 Ion Ratio Lower Upper
 117 100
 119 8.0 74.2 111.2#
 121 0.0 25.6 38.4#





#49

1,4-Dioxane

Concen: 1.101 ug/l

RT: 9.581 min Scan# 11

Delta R.T. 0.122 min

Lab File: VW032379.D

Acq: 20 Oct 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBL01

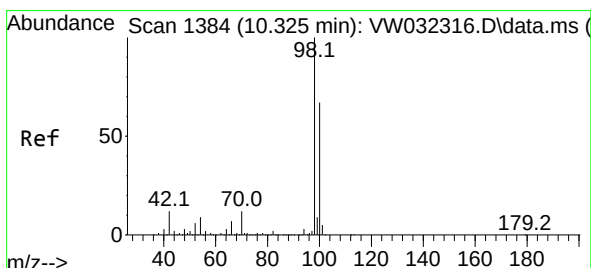
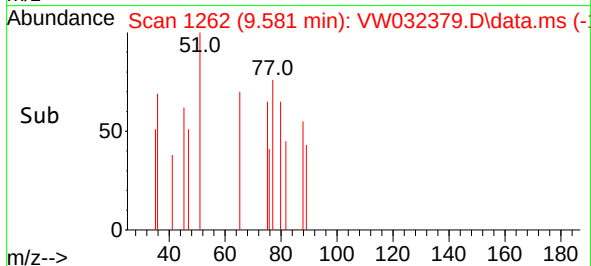
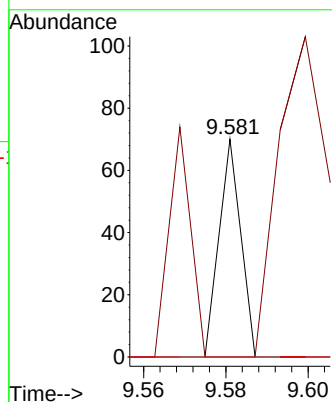
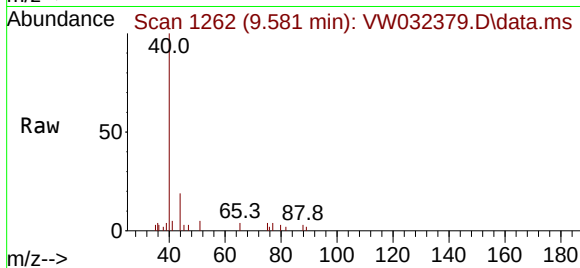
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

43 103.8 18.0 27.0#

58 0.0 55.4 83.0#



#50

Toluene-d8

Concen: 54.541 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032379.D

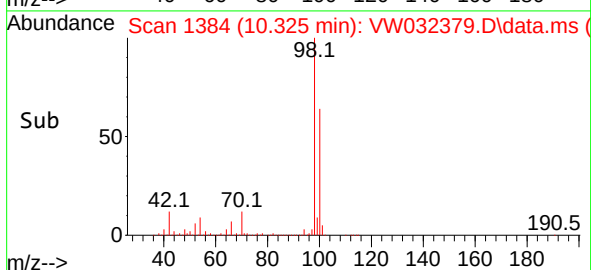
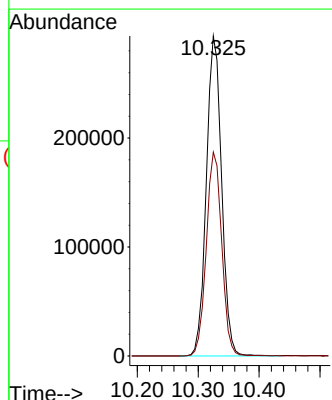
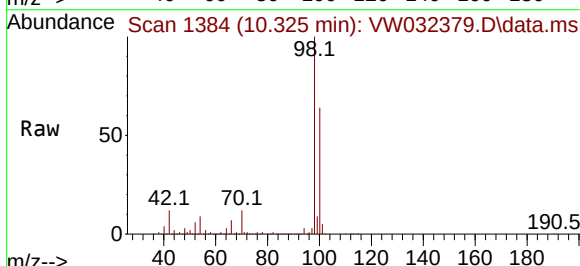
Acq: 20 Oct 2025 11:11

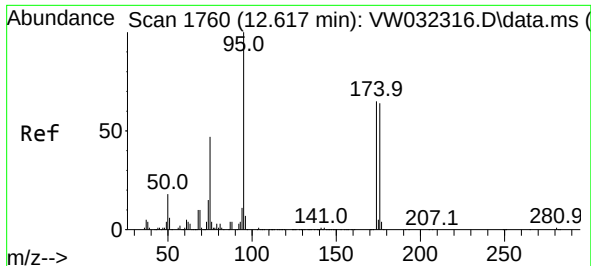
Tgt Ion: 98 Resp: 512060

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2

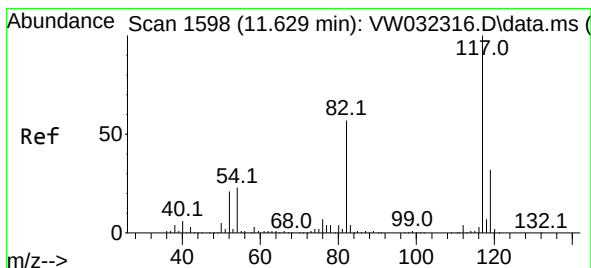
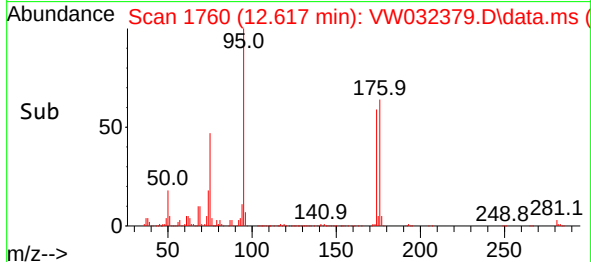
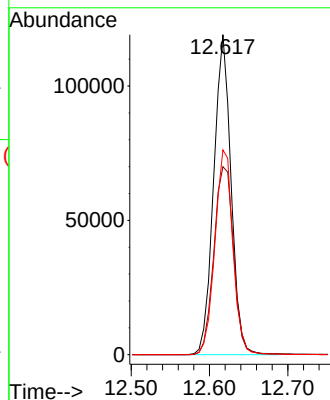
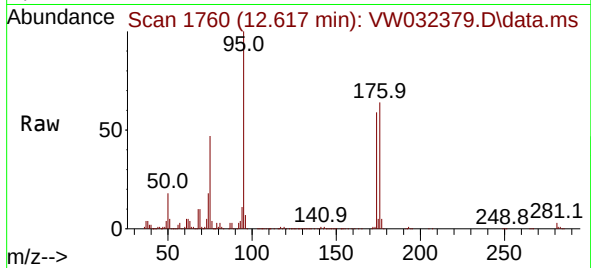




#62
4-Bromofluorobenzene
Concen: 51.779 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032379.D
Acq: 20 Oct 2025 11:11

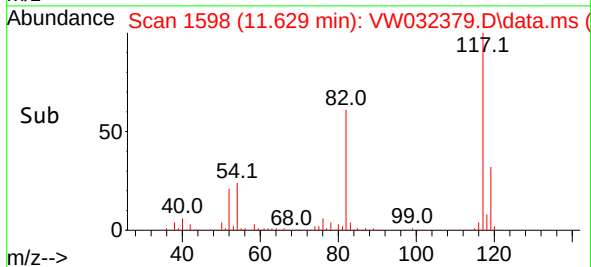
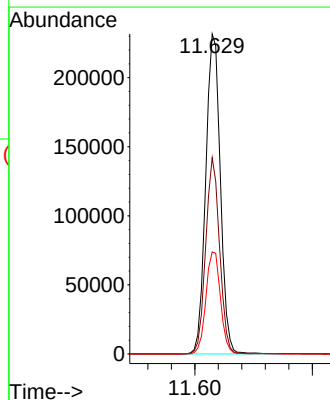
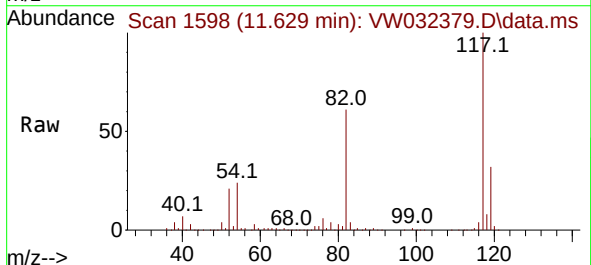
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MSVOA_W
ClientSampleId :
VW1020SBL01

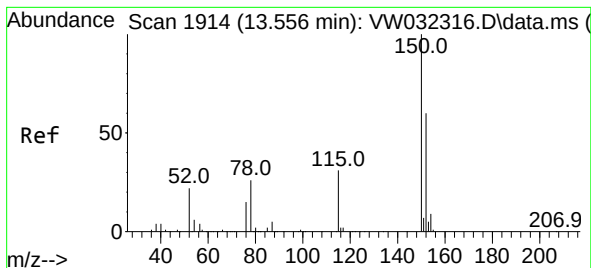
Tgt Ion: 95 Resp: 183742
Ion Ratio Lower Upper
95 100
174 66.6 0.0 145.6
176 66.5 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032379.D
Acq: 20 Oct 2025 11:11

Tgt Ion: 117 Resp: 400571
Ion Ratio Lower Upper
117 100
82 61.4 42.7 64.1
119 31.9 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: VW032379.D

Acq: 20 Oct 2025 11:11

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBL01

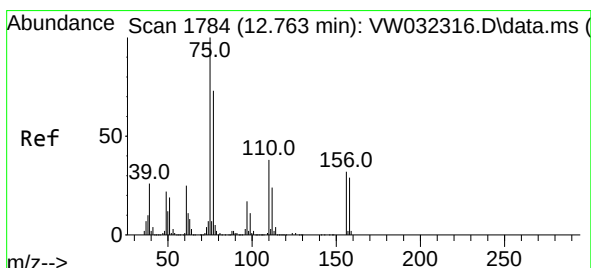
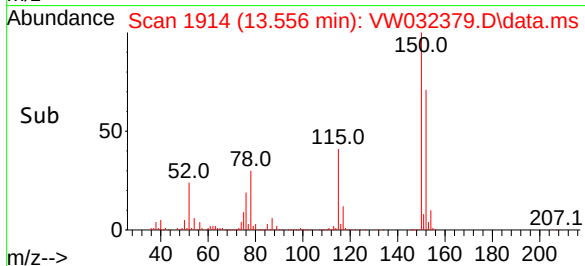
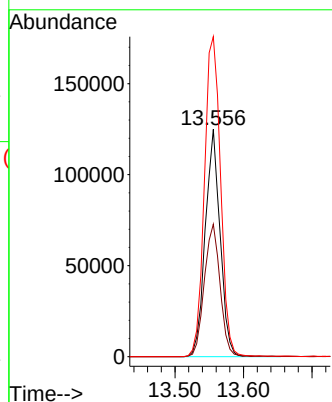
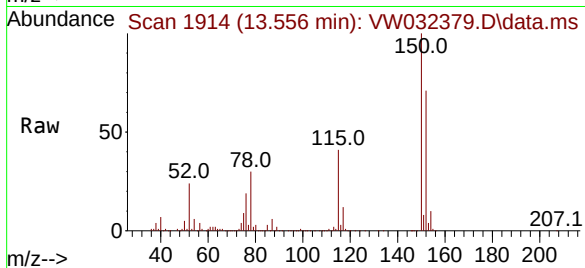
Tgt Ion:152 Resp: 188560

Ion Ratio Lower Upper

152 100

115 61.8 31.8 95.4

150 153.1 0.0 343.0



#76

1,2,3-Trichloropropane

Concen: 37.941 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.146 min

Lab File: VW032379.D

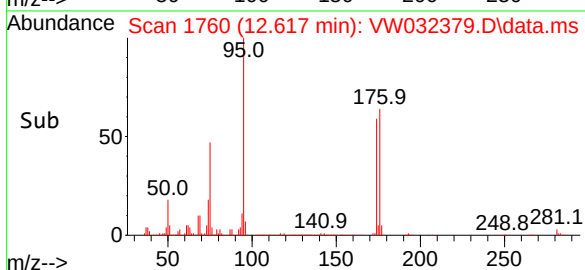
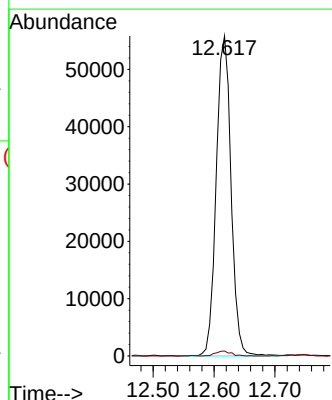
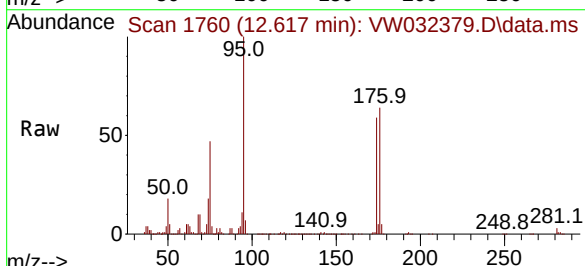
Acq: 20 Oct 2025 11:11

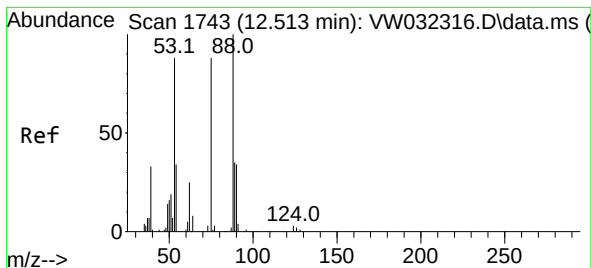
Tgt Ion: 75 Resp: 94145

Ion Ratio Lower Upper

75 100

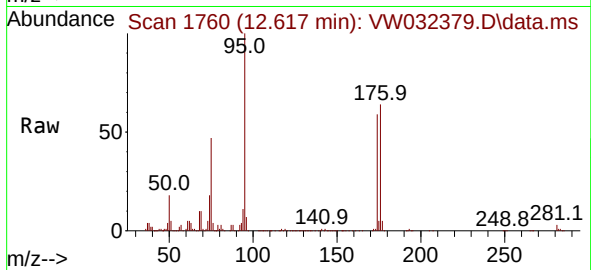
77 1.6 141.7 425.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.115 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.104 min
Lab File: VW032379.D
Acq: 20 Oct 2025 11:11

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	91.0	136.6#
89	0.1	39.4	59.2#

