

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079503.D
 Acq On : 31 Jul 2024 18:28
 Operator : RP/MD
 Sample : P3379-19
 Misc : 6.00G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 01 01:54:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

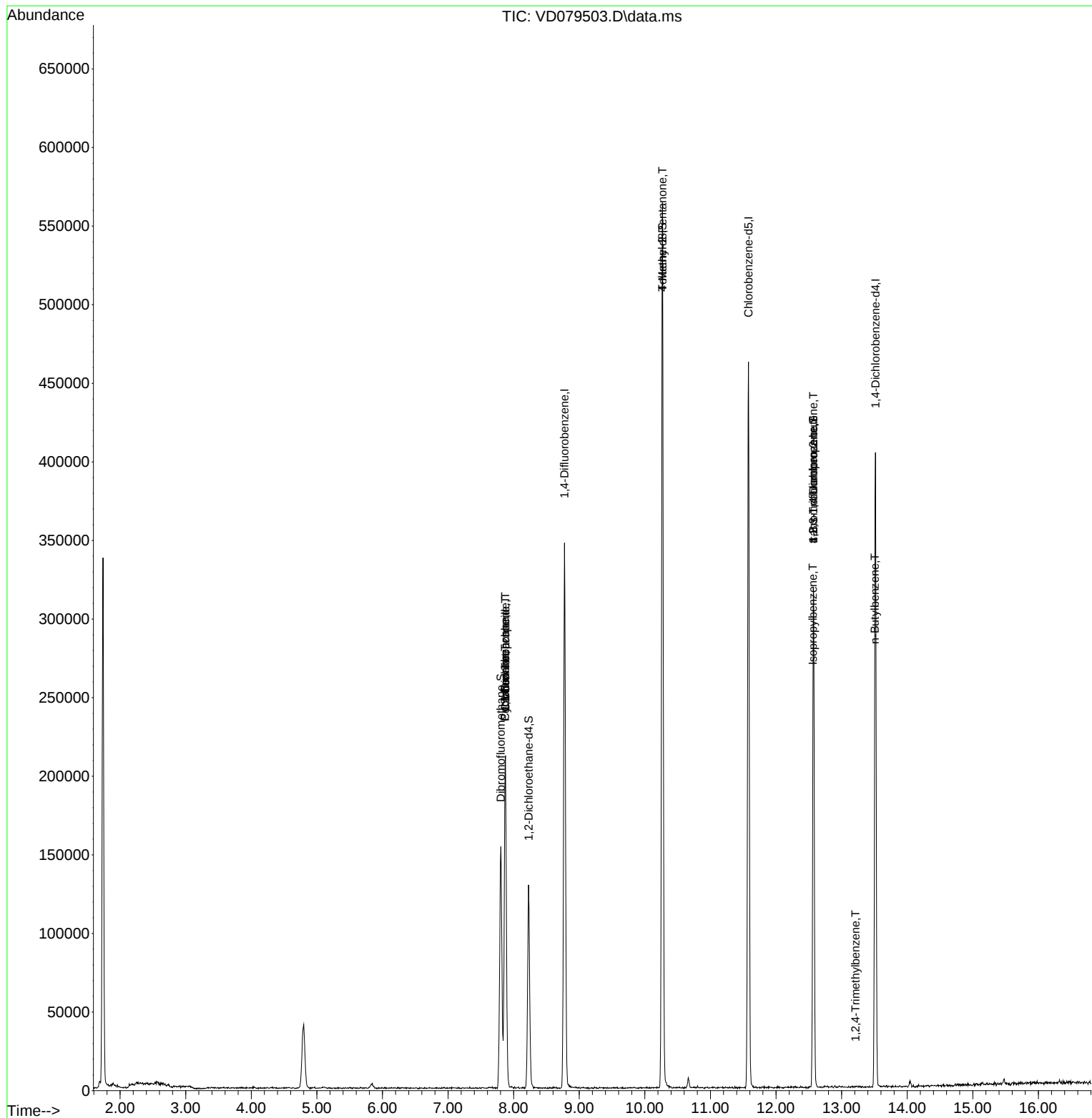
Internal Standards						
1) Pentafluorobenzene	7.869	168	170535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	312860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	287202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93054	53.712	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.420%	
35) Dibromofluoromethane	7.805	113	109829	51.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.740%	
50) Toluene-d8	10.269	98	397461	48.333	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.660%	
62) 4-Bromofluorobenzene	12.569	95	98171	41.254	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.500%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	150	Below Cal	#	47
11) Tert butyl alcohol	5.058	59	55	Below Cal	#	86
20) Methylene Chloride	4.799	84	32328	Below Cal	#	90
31) Cyclohexane	7.869	56	3561	1.238	ug/l #	52
36) 1,1-Dichloropropene	7.875	75	13013	4.502	ug/l #	46
38) Carbon Tetrachloride	7.875	117	16737	5.509	ug/l #	21
51) 4-Methyl-2-Pentanone	10.269	43	1529	1.345	ug/l #	1
73) Isopropylbenzene	12.563	105	61	3.634	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	49684	48.240	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	49684	92.006	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.210	105	71	3.437	ug/l #	29
89) n-Butylbenzene	13.504	91	440	3.836	ug/l #	34

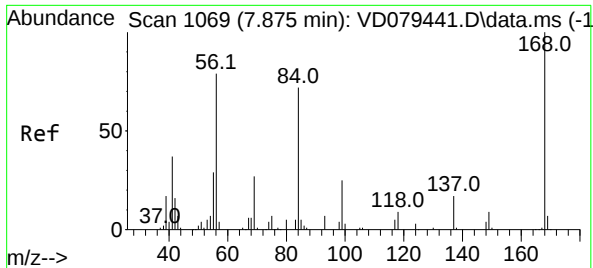
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 01 01:54:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

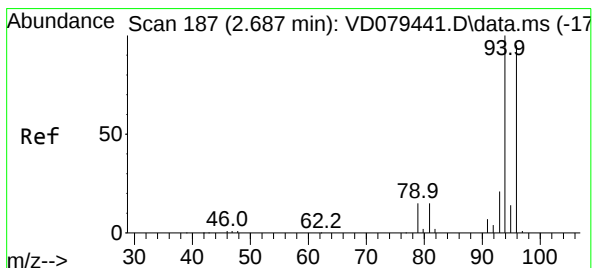
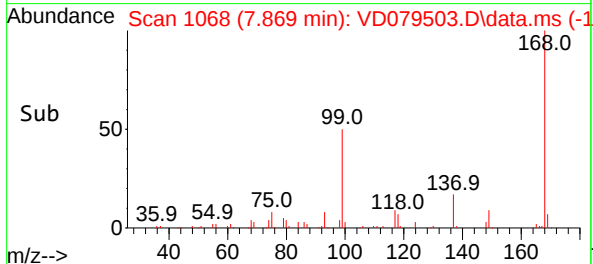
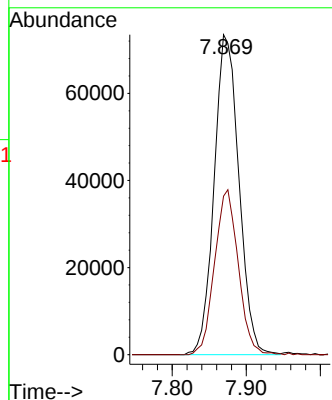
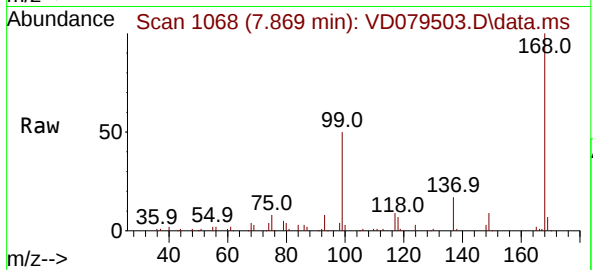




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

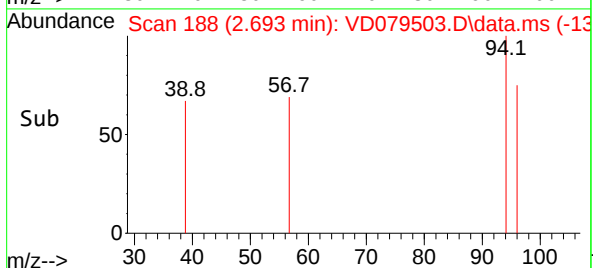
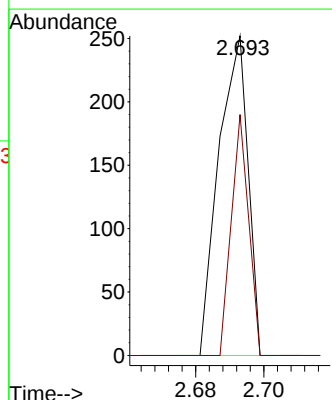
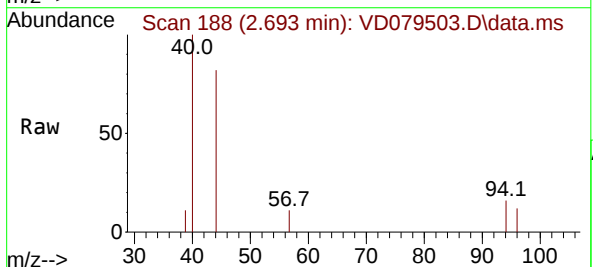
Instrument :
MSVOA_D
ClientSampleId :

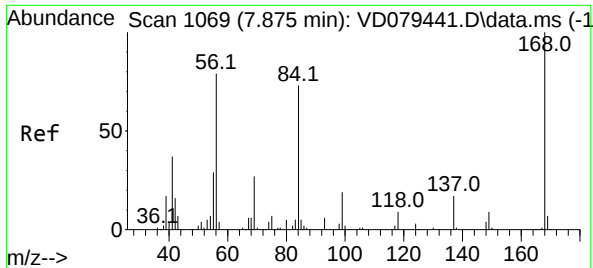
Tgt Ion:168 Resp: 170535
Ion Ratio Lower Upper
168 100
99 49.5 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

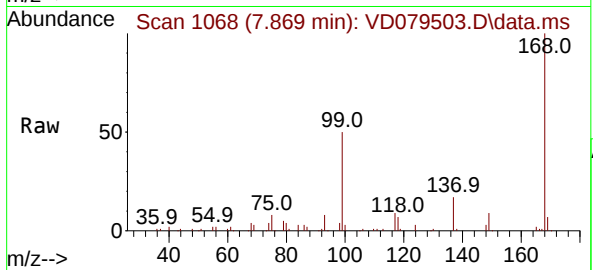
Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
96 44.7 76.9 115.3#



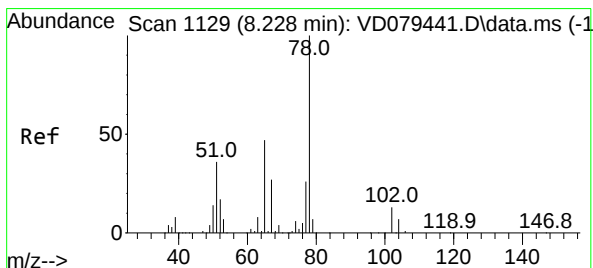
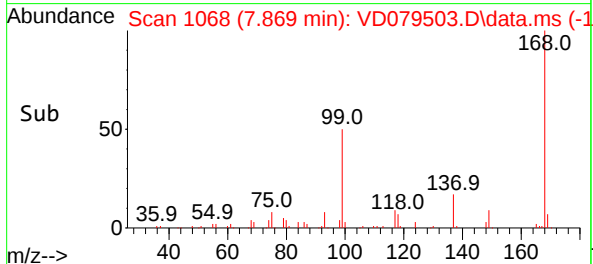
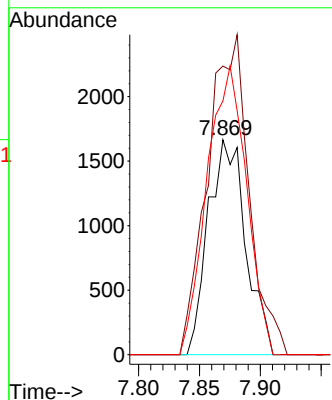


#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

Instrument :
MSVOA_D
ClientSampleId :

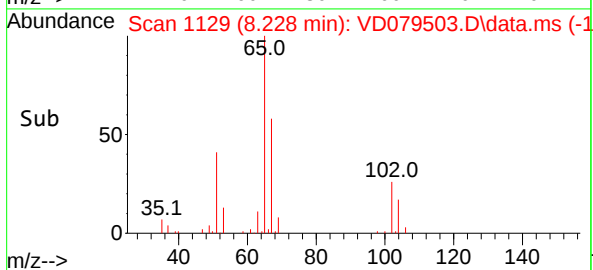
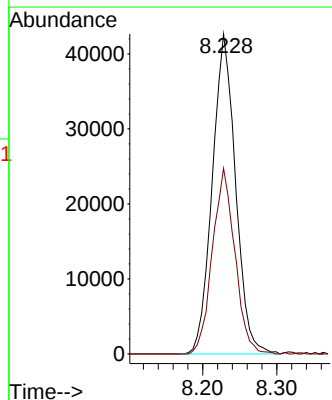
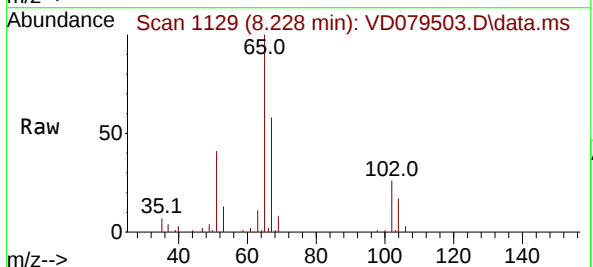


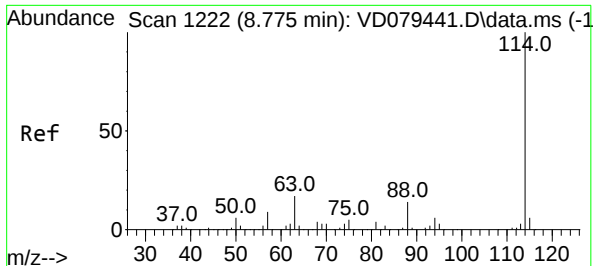
Tgt Ion: 56 Resp: 3561
Ion Ratio Lower Upper
56 100
69 134.4 28.0 42.0#
84 118.1 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 53.712 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

Tgt Ion: 65 Resp: 93054
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.0

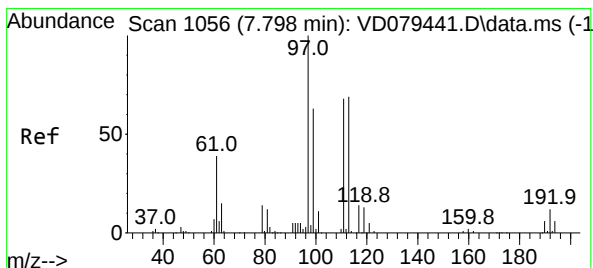
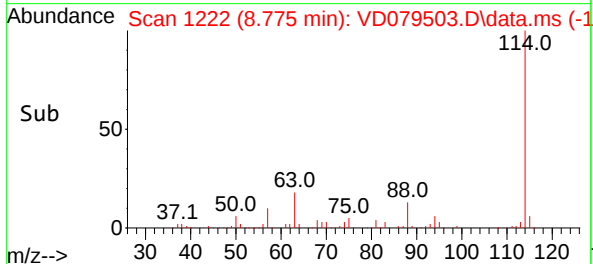
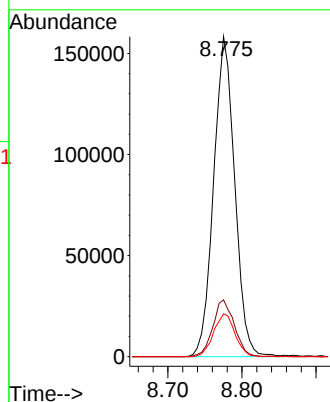
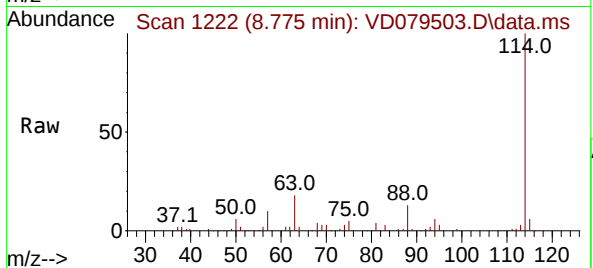




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

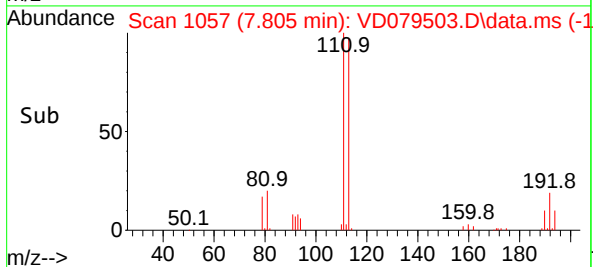
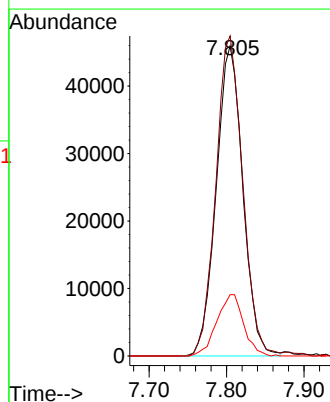
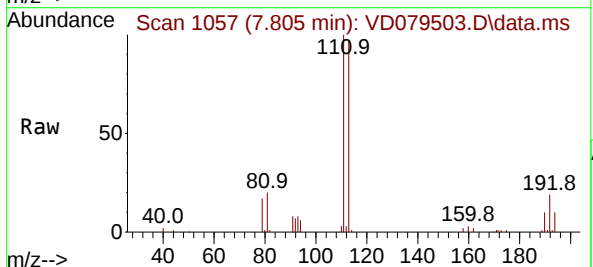
Instrument :
MSVOA_D
ClientSampleId :

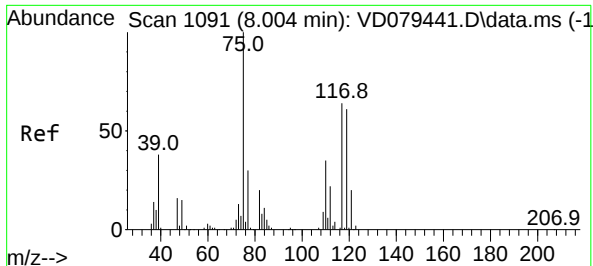
Tgt Ion:114 Resp: 312860
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.0
88 13.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.865 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

Tgt Ion:113 Resp: 109829
Ion Ratio Lower Upper
113 100
111 103.6 84.0 126.0
192 20.0 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.502 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD079503.D

Acq: 31 Jul 2024 18:28

Instrument :

MSVOA_D

ClientSampleId :

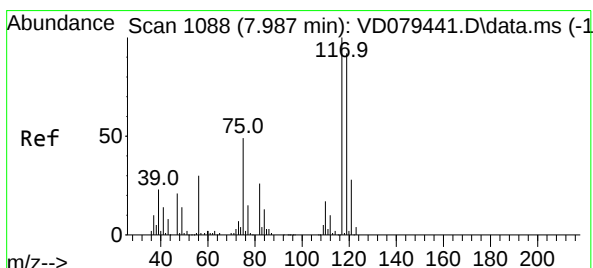
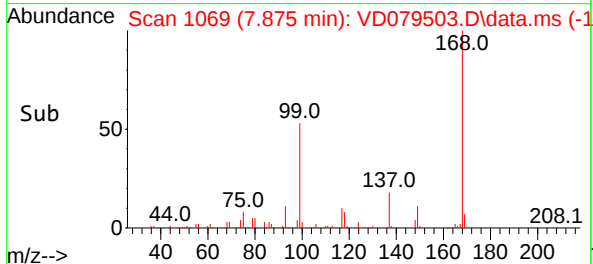
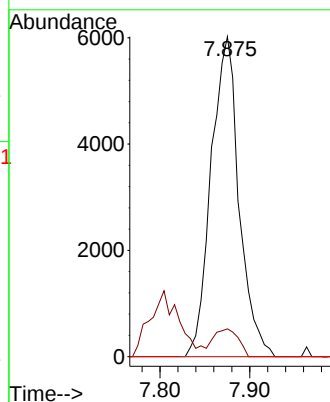
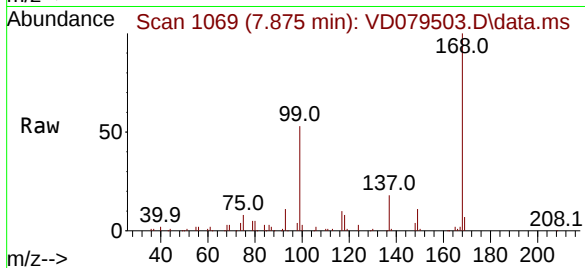
Tgt Ion: 75 Resp: 13013

Ion Ratio Lower Upper

75 100

110 7.6 19.6 58.7#

77 0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.509 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD079503.D

Acq: 31 Jul 2024 18:28

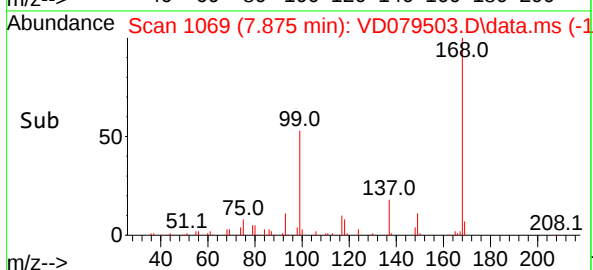
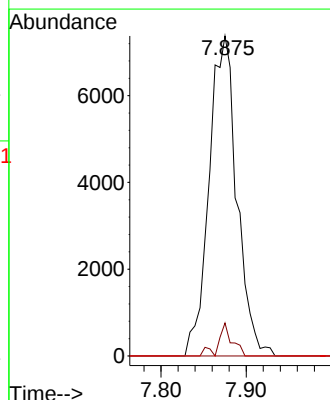
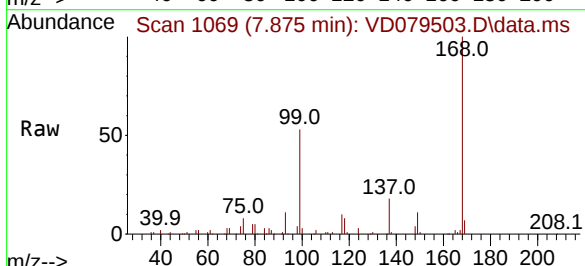
Tgt Ion: 117 Resp: 16737

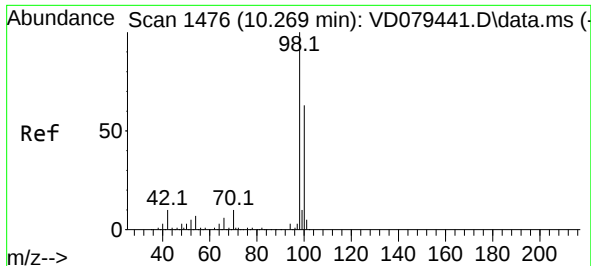
Ion Ratio Lower Upper

117 100

119 10.3 75.4 113.0#

121 0.0 25.0 37.4#

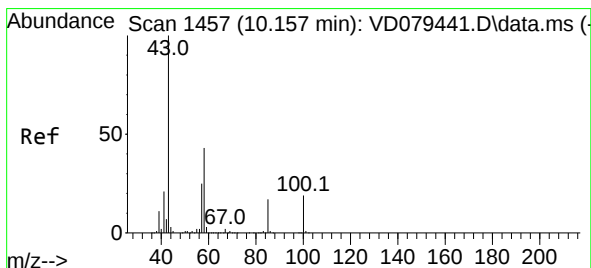
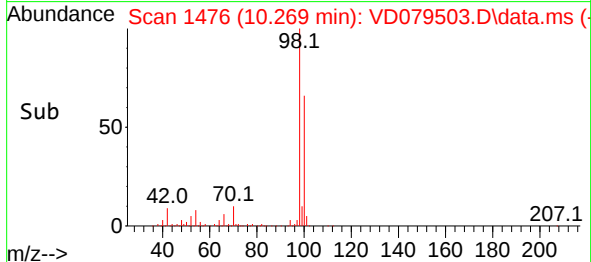
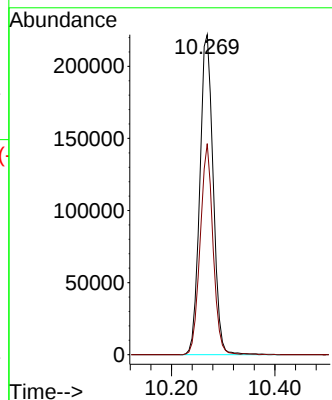
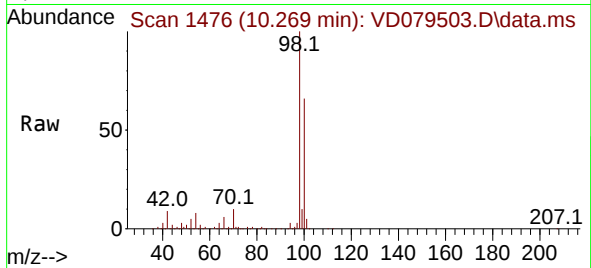




#50
Toluene-d8
Concen: 48.333 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

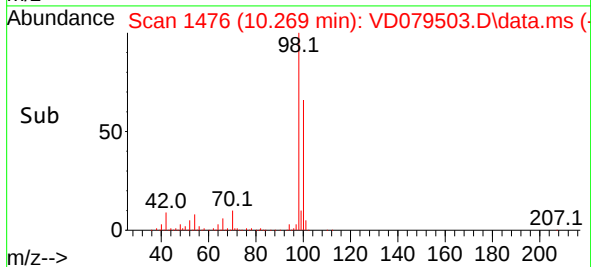
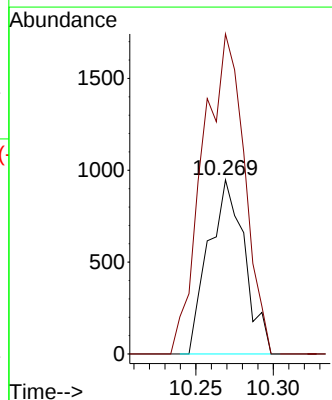
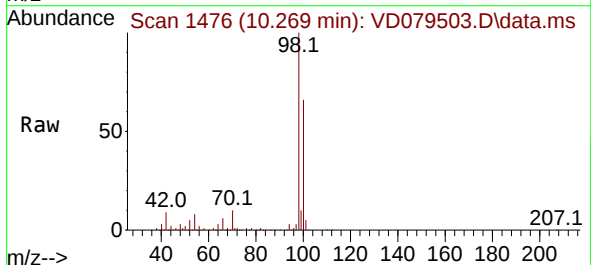
Instrument :
MSVOA_D
ClientSampleId :

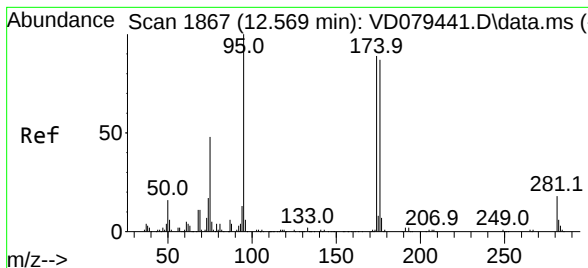
Tgt Ion: 98 Resp: 397461
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.345 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 213.9 36.6 55.0#

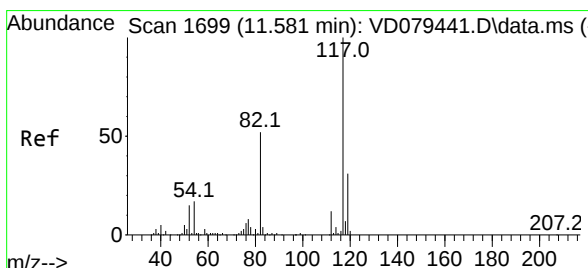
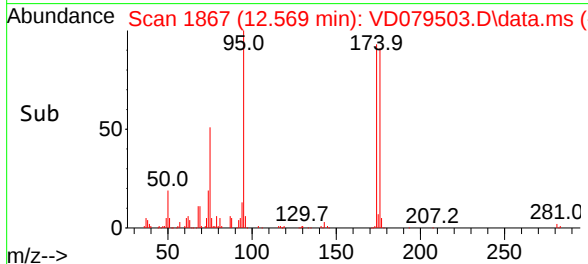
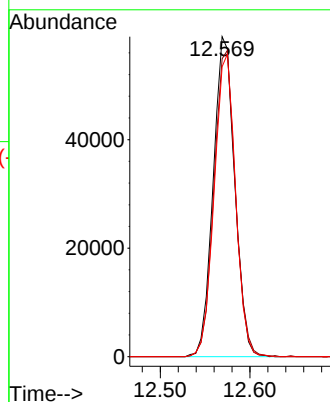
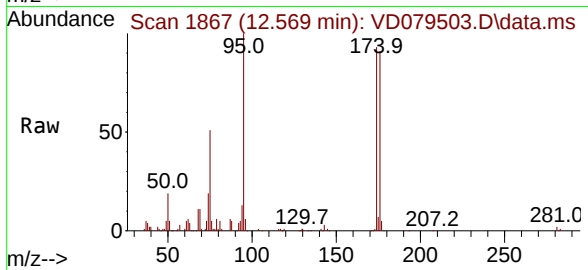




#62
4-Bromofluorobenzene
Concen: 41.254 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

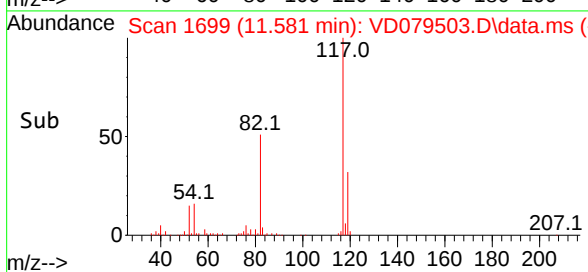
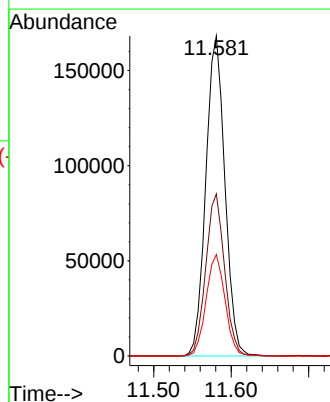
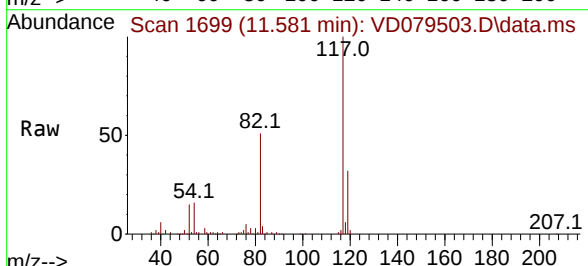
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MSVOA_D
ClientSampleId :

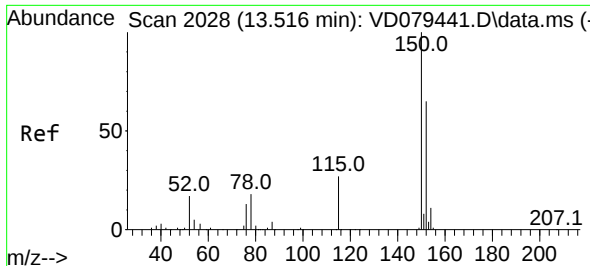
Tgt Ion:	95	Resp:	98171
Ion Ratio	Lower	Upper	
95	100		
174	95.6	0.0	195.4
176	93.5	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

Tgt Ion:	117	Resp:	287202
Ion Ratio	Lower	Upper	
117	100		
82	50.6	39.8	59.6
119	31.7	25.7	38.5

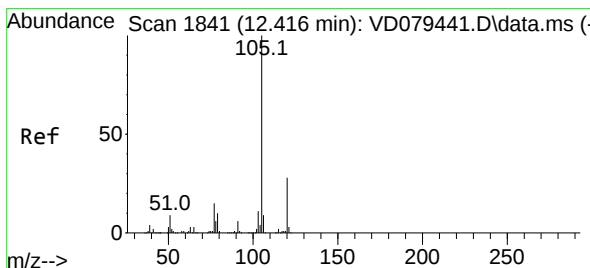
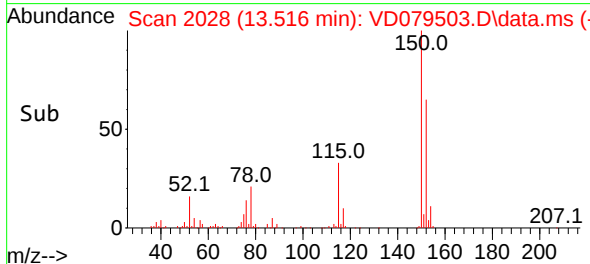
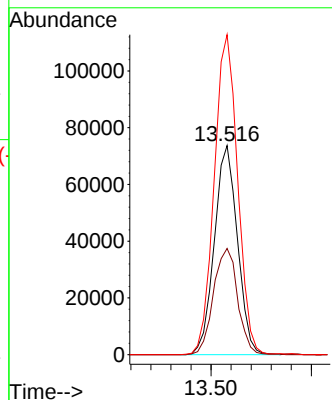
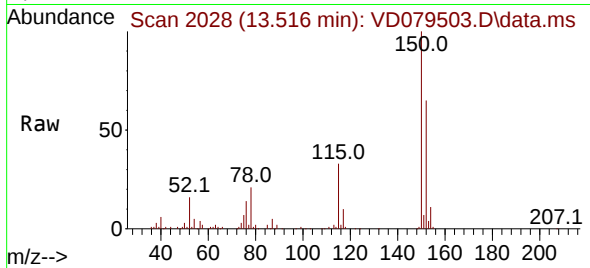




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

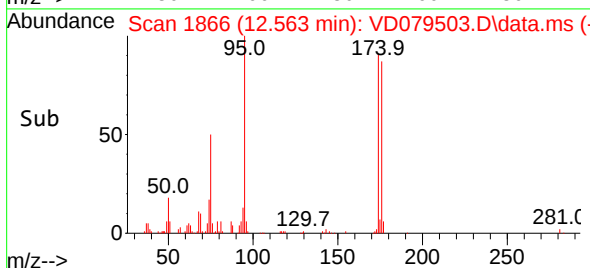
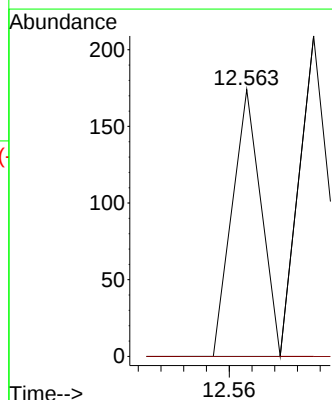
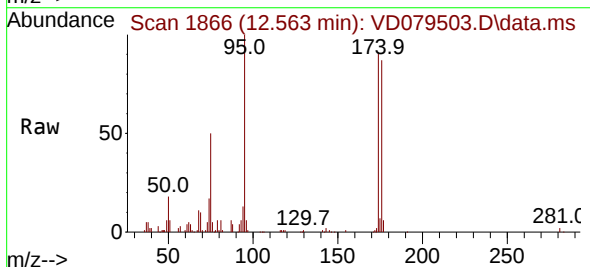
Instrument :
MSVOA_D
ClientSampleId :

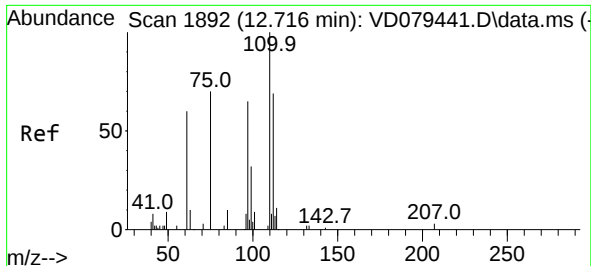
Tgt Ion:152 Resp: 117829
Ion Ratio Lower Upper
152 100
115 53.2 26.5 79.5
150 155.4 0.0 341.6



#73
Isopropylbenzene
Concen: 3.634 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.147 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

Tgt Ion:105 Resp: 61
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#

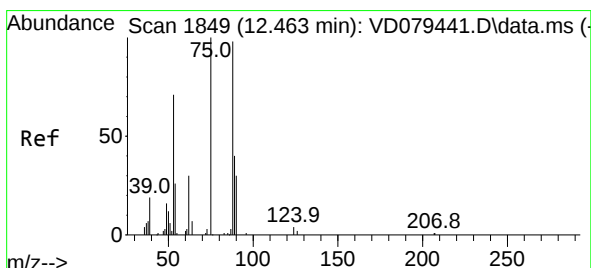
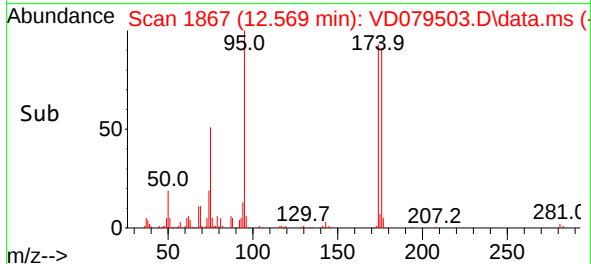
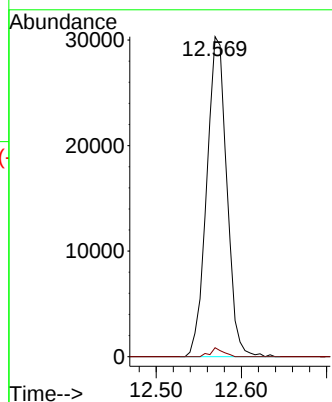
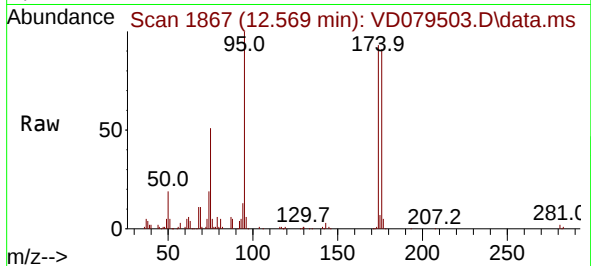




#76
1,2,3-Trichloropropane
Concen: 48.240 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

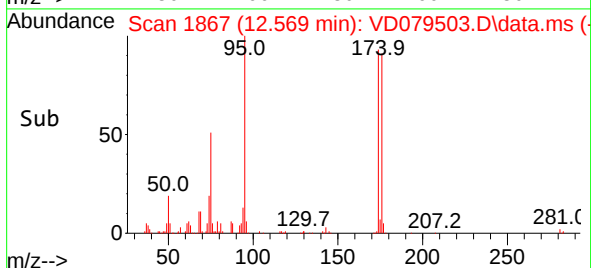
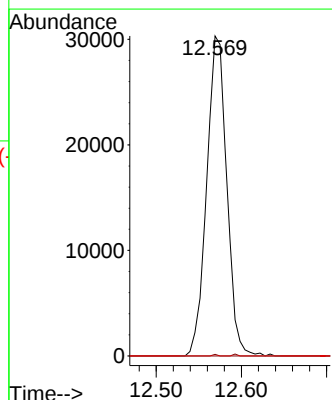
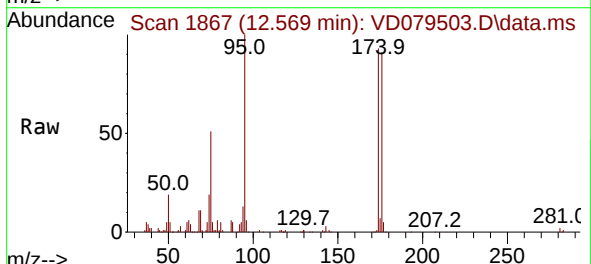
Instrument :
MSVOA_D
ClientSampleId :

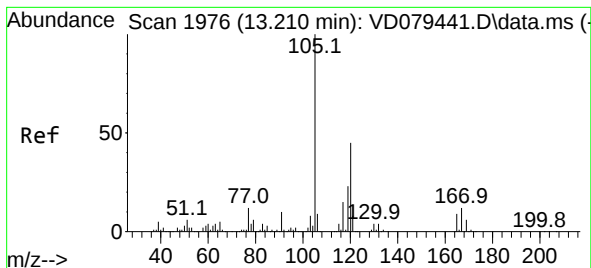
Tgt Ion: 75 Resp: 49684
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.006 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

Tgt Ion: 75 Resp: 49684
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.0 35.4 53.0#





#84

1,2,4-Trimethylbenzene

Concen: 3.437 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079503.D

Acq: 31 Jul 2024 18:28

Instrument :

MSVOA_D

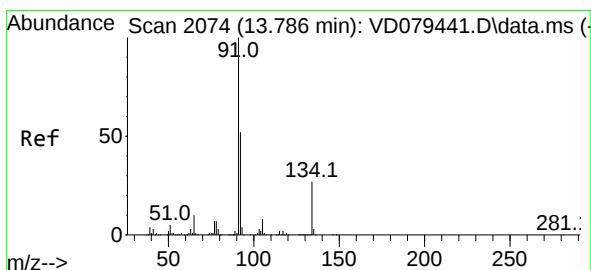
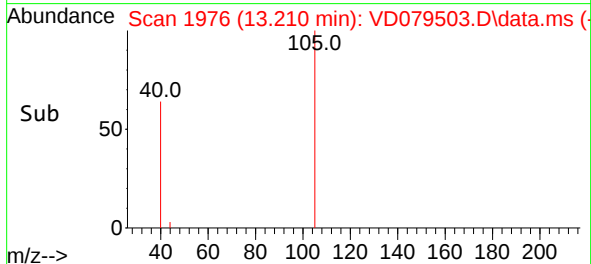
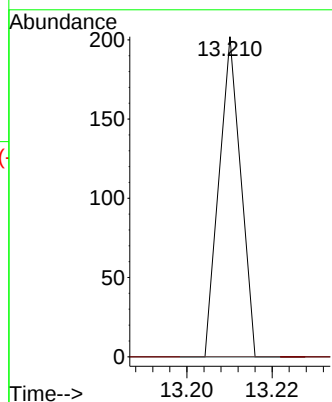
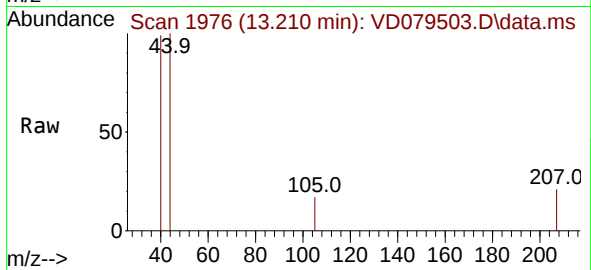
ClientSampleId :

Tgt Ion:105 Resp: 71

Ion Ratio Lower Upper

105 100

120 0.0 23.6 71.0#



#89

n-Butylbenzene

Concen: 3.836 ug/l

RT: 13.504 min Scan# 2026

Delta R.T. -0.277 min

Lab File: VD079503.D

Acq: 31 Jul 2024 18:28

Tgt Ion: 91 Resp: 440

Ion Ratio Lower Upper

91 100

92 0.0 25.7 77.0#

134 0.0 13.6 40.8#

