

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078986.D
 Acq On : 22 May 2024 18:20
 Operator : RP/MD
 Sample : P2518-07
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 23 06:07:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

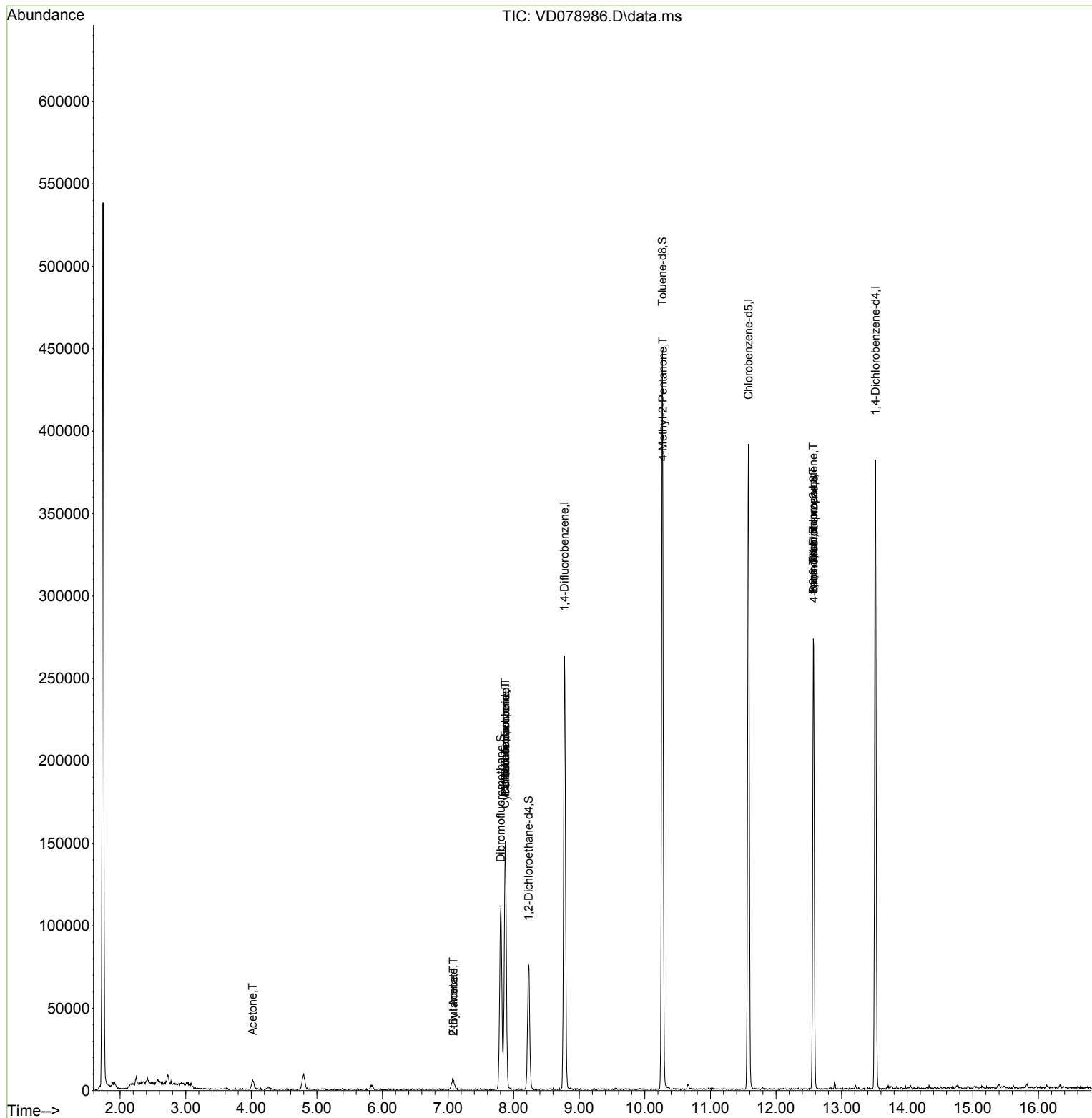
Internal Standards						
1) Pentafluorobenzene	7.875	168	115355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	245300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	241597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60046	55.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.980%	
35) Dibromofluoromethane	7.805	113	82193	50.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.680%	
50) Toluene-d8	10.269	98	313617	51.233	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	12.575	95	82486	47.966	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	178	Below Cal	#	40
16) Acetone	4.022	43	9643	55.893	ug/l	98
17) Carbon Disulfide	4.258	76	2895	Below Cal	#	76
20) Methylene Chloride	4.799	84	7816	Below Cal	#	90
25) 2-Butanone	7.081	43	2216	9.604	ug/l	# 65
31) Cyclohexane	7.869	56	2473	1.564	ug/l	# 17
36) 1,1-Dichloropropene	7.875	75	9058	4.458	ug/l	# 45
37) Ethyl Acetate	7.081	43	2216	3.200	ug/l	# 67
38) Carbon Tetrachloride	7.875	117	12099	5.088	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.275	43	927	1.416	ug/l	# 1
71) Bromoform	12.569	173	1179	1.185	ug/l	# 1
76) 1,2,3-Trichloropropane	12.569	75	42319	54.472	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	42319	108.020	ug/l	# 19

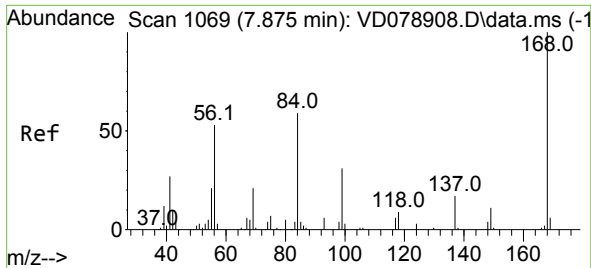
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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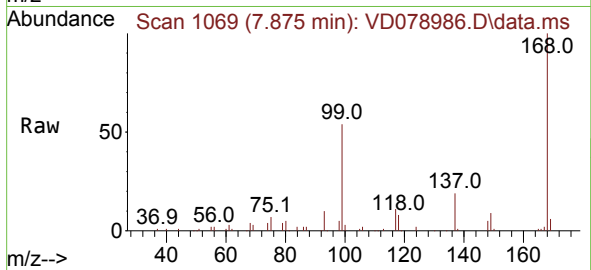
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration



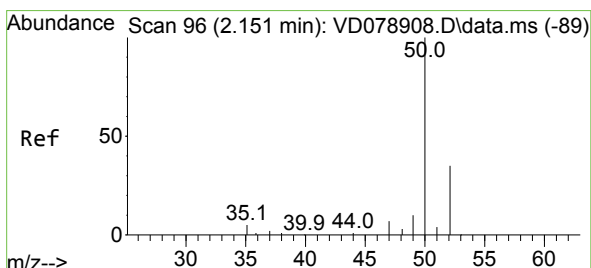
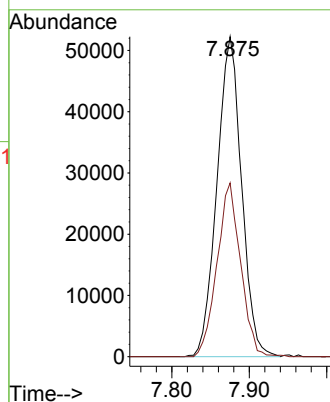
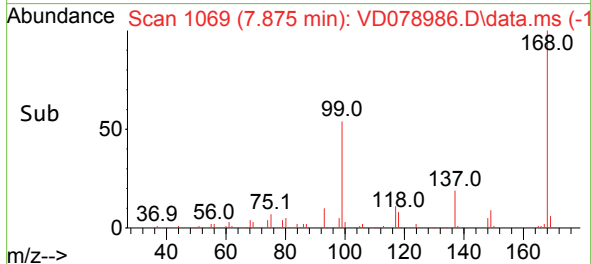


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

Instrument :
MSVOA_D
ClientSampleId :

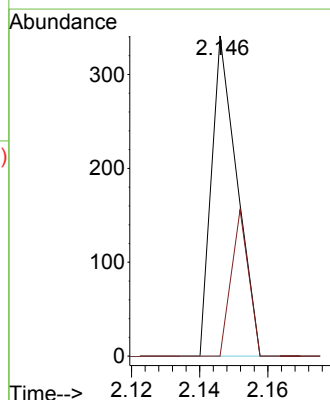
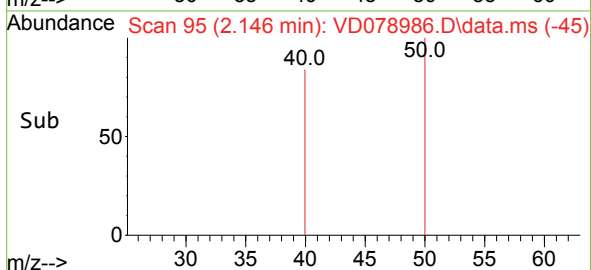
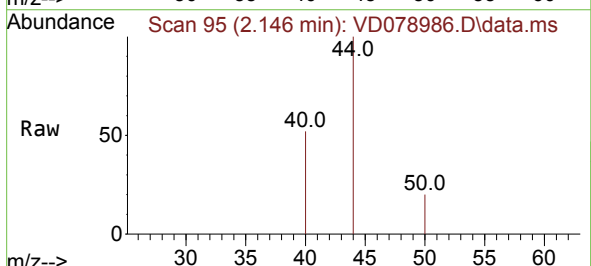


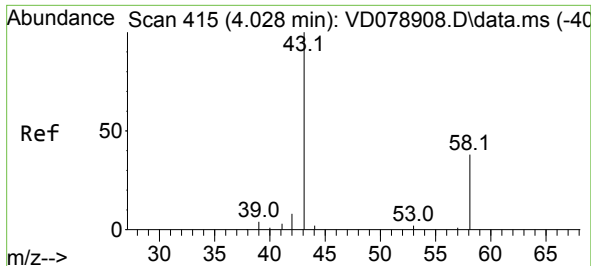
Tgt Ion:168 Resp: 115355
Ion Ratio Lower Upper
168 100
99 54.3 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.005 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

Tgt Ion: 50 Resp: 178
Ion Ratio Lower Upper
50 100
52 0.0 28.2 42.2#

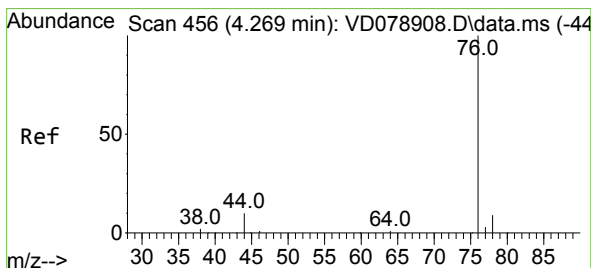
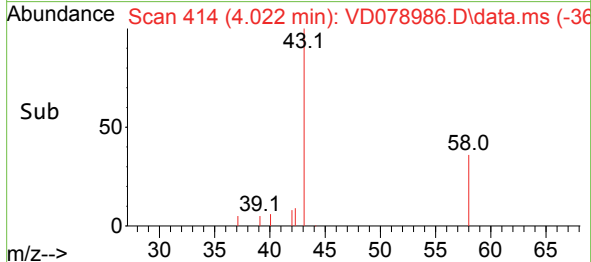
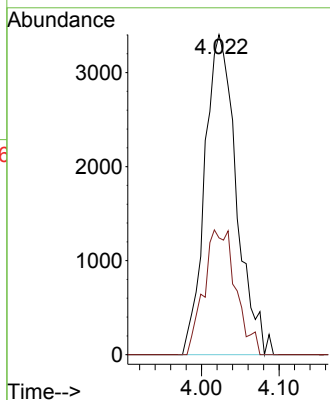
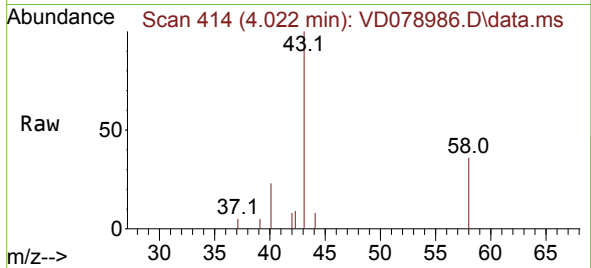




#16
Acetone
Concen: 55.893 ug/l
RT: 4.022 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

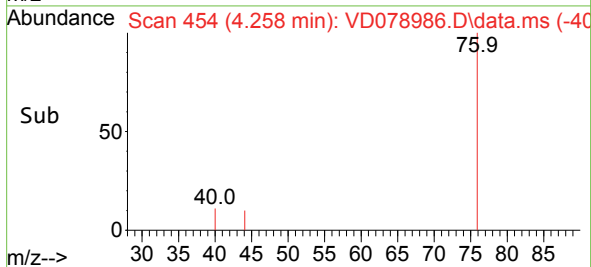
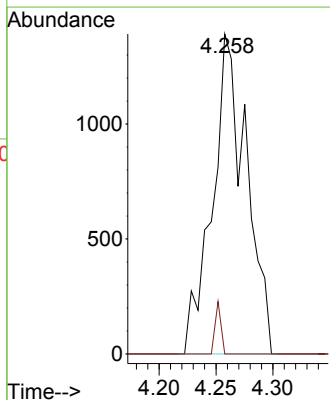
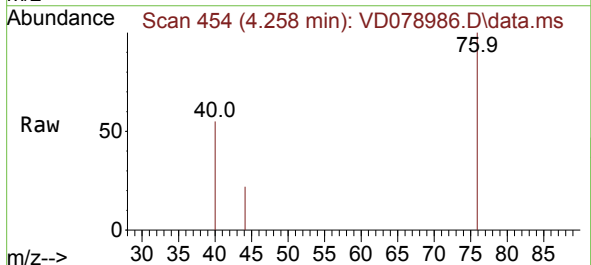
Instrument :
MSVOA_D
ClientSampleId :

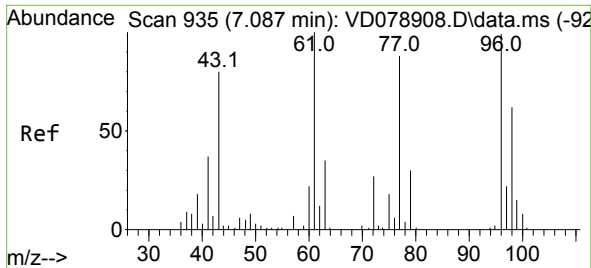
Tgt Ion: 43 Resp: 9643
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.258 min Scan# 454
Delta R.T. -0.011 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

Tgt Ion: 76 Resp: 2895
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#

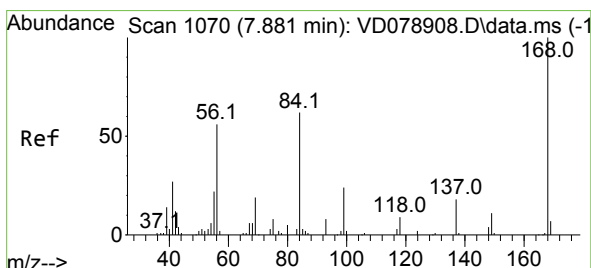
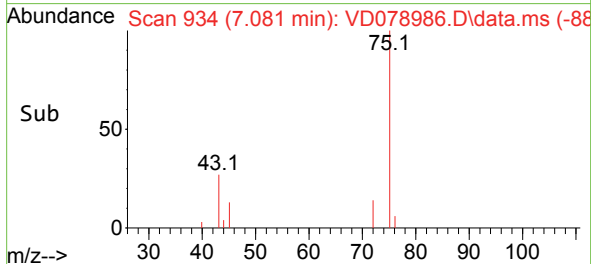
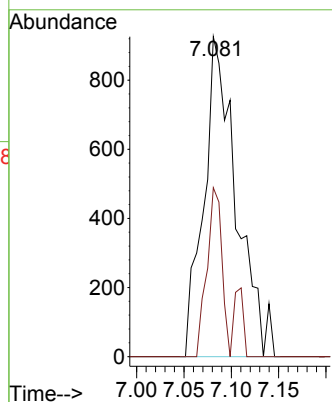
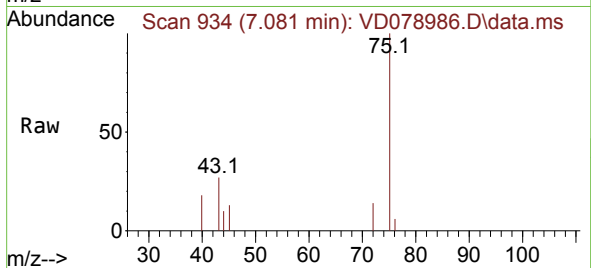




#25
2-Butanone
Concen: 9.604 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

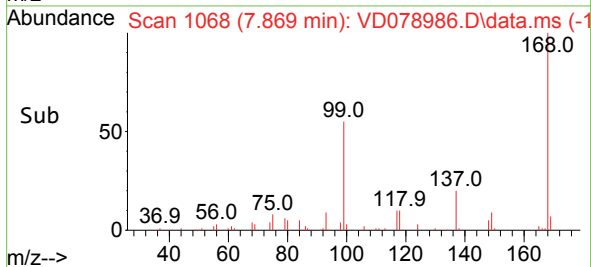
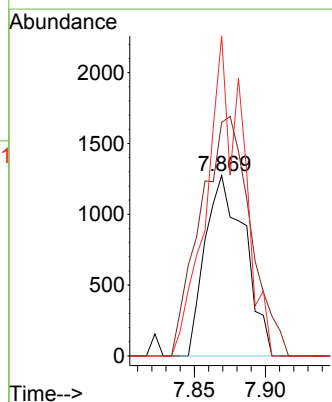
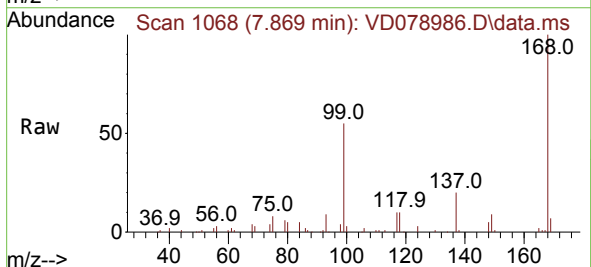
Instrument :
MSVOA_D
ClientSampleId :

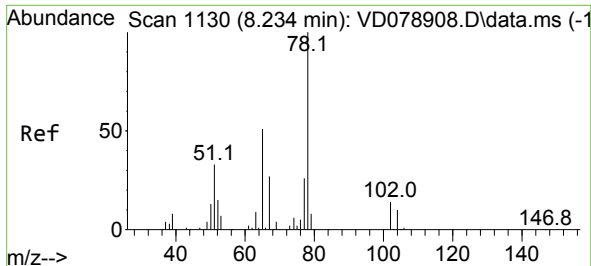
Tgt Ion: 43 Resp: 2216
Ion Ratio Lower Upper
43 100
72 52.8 26.4 39.6#



#31
Cyclohexane
Concen: 1.564 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.011 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

Tgt Ion: 56 Resp: 2473
Ion Ratio Lower Upper
56 100
69 115.5 28.0 42.0#
84 177.3 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 55.494 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078986.D

Acq: 22 May 2024 18:20

Instrument :

MSVOA_D

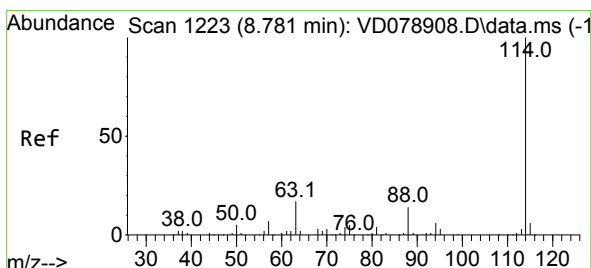
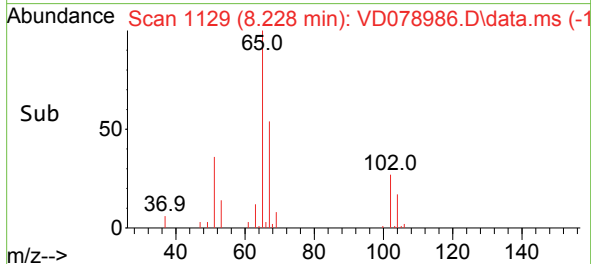
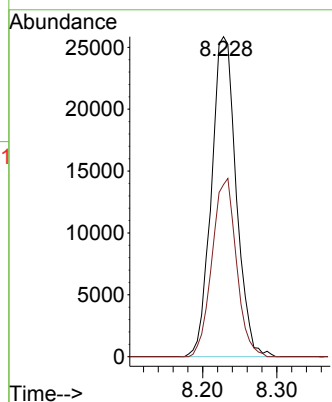
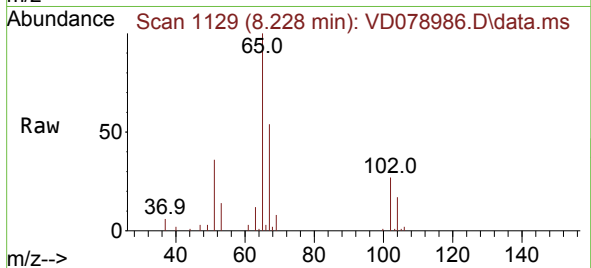
ClientSampleId :

Tgt Ion: 65 Resp: 60046

Ion Ratio Lower Upper

65 100

67 54.8 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078986.D

Acq: 22 May 2024 18:20

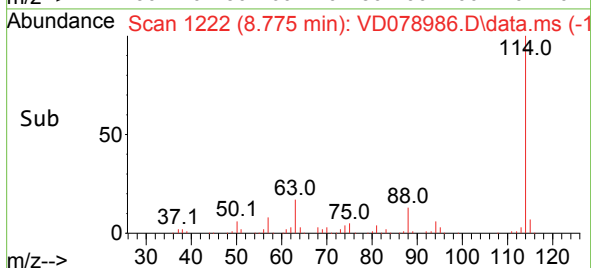
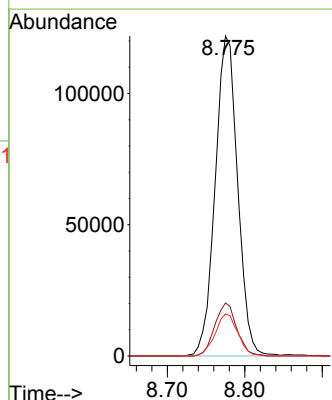
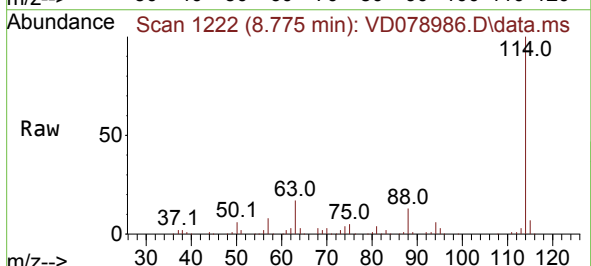
Tgt Ion: 114 Resp: 245300

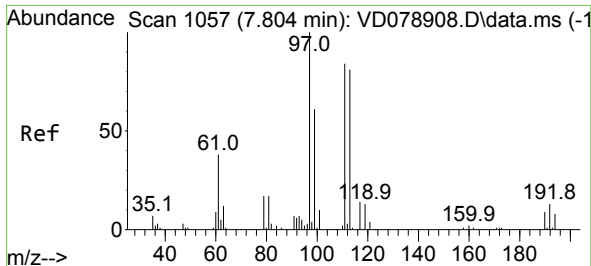
Ion Ratio Lower Upper

114 100

63 16.5 0.0 34.0

88 13.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.336 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

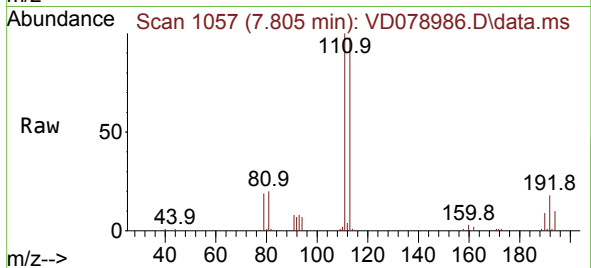
Lab File: VD078986.D

Acq: 22 May 2024 18:20

Instrument :

MSVOA_D

ClientSampleId :



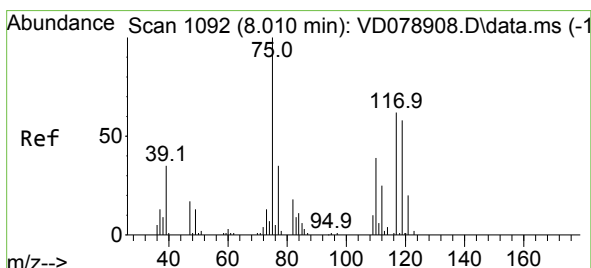
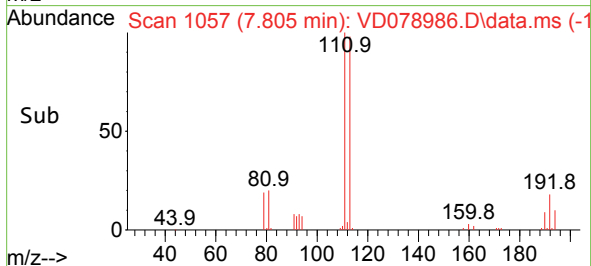
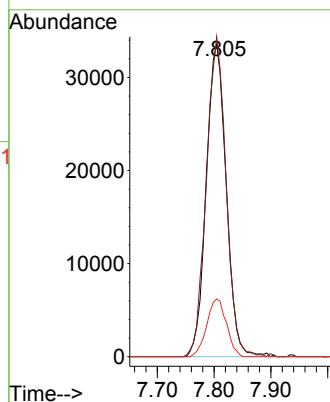
Tgt Ion:113 Resp: 82193

Ion Ratio Lower Upper

113 100

111 101.0 84.0 126.0

192 18.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.458 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078986.D

Acq: 22 May 2024 18:20

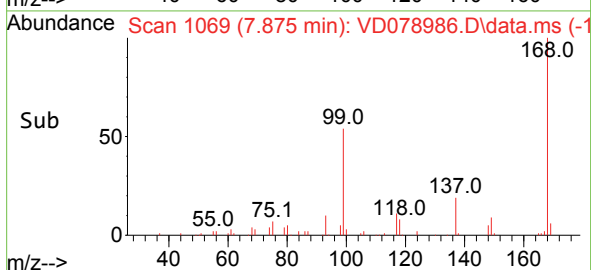
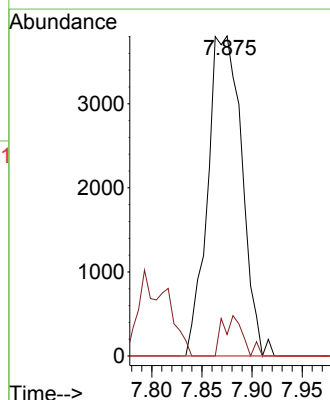
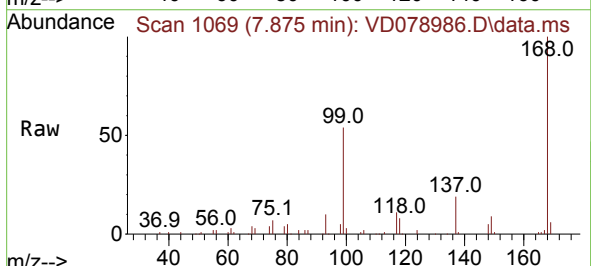
Tgt Ion: 75 Resp: 9058

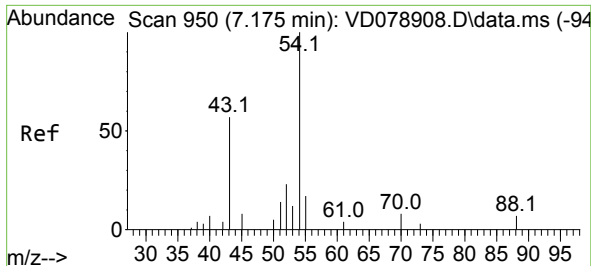
Ion Ratio Lower Upper

75 100

110 7.5 19.6 58.7#

77 0.0 26.1 39.1#





#37

Ethyl Acetate

Concen: 3.200 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.094 min

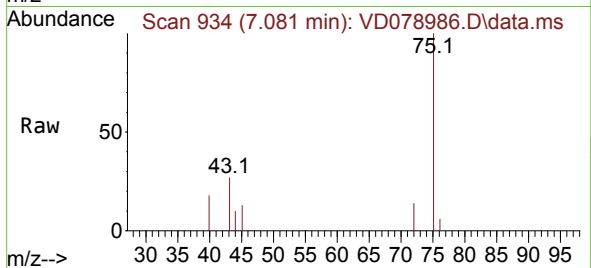
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Acq: 22 May 2024 18:20

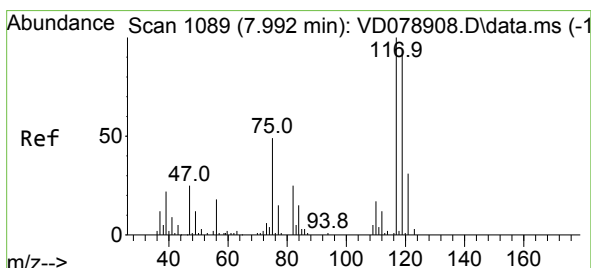
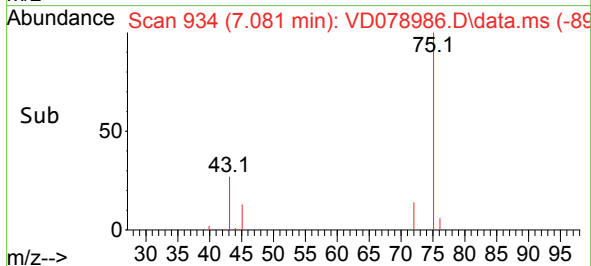
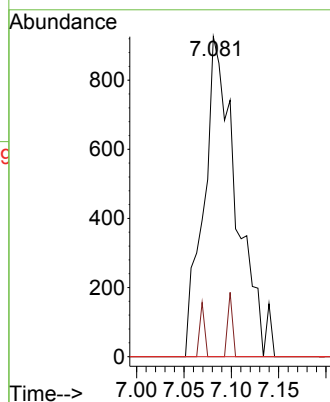
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 2216
Ion Ratio	Lower Upper
43	100
61	2.5 13.9 20.9#
70	0.0 9.8 14.6#



#38

Carbon Tetrachloride

Concen: 5.088 ug/l

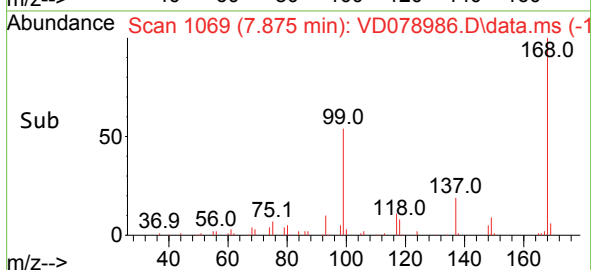
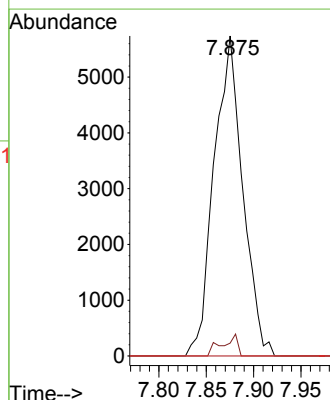
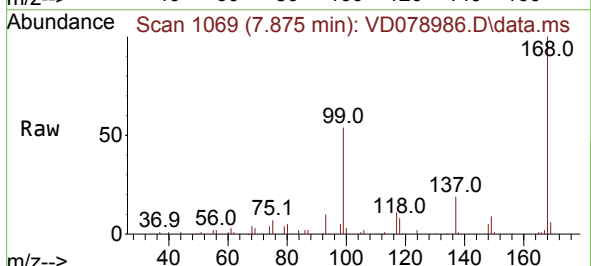
RT: 7.875 min Scan# 1069

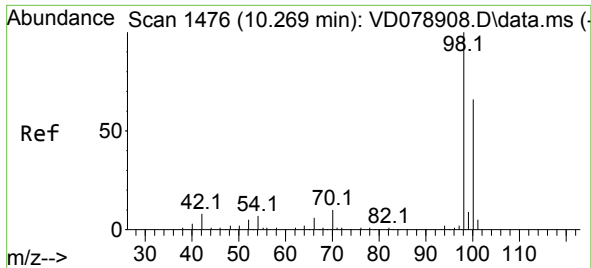
Delta R.T. -0.117 min

Lab File: VD078986.D

Acq: 22 May 2024 18:20

Tgt Ion: 117	Resp: 12099
Ion Ratio	Lower Upper
117	100
119	4.0 75.4 113.0#
121	0.0 25.0 37.4#

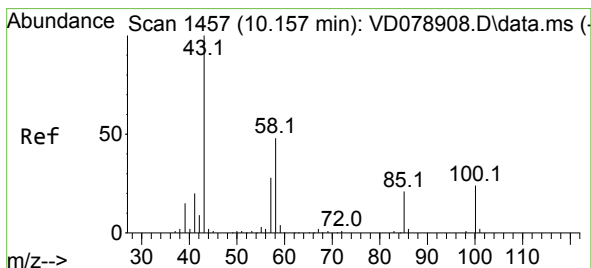
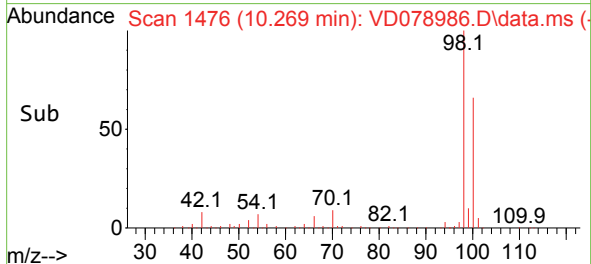
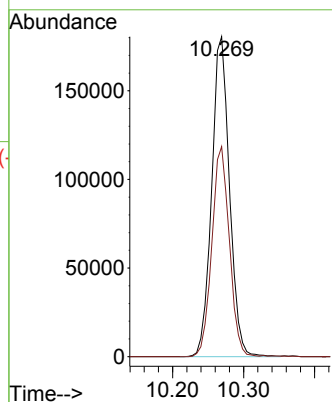
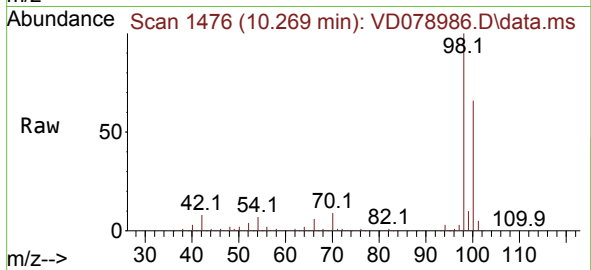




#50
Toluene-d8
Concen: 51.233 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

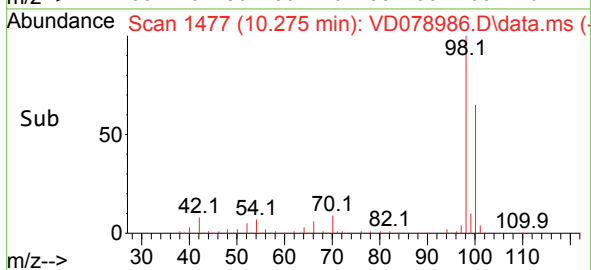
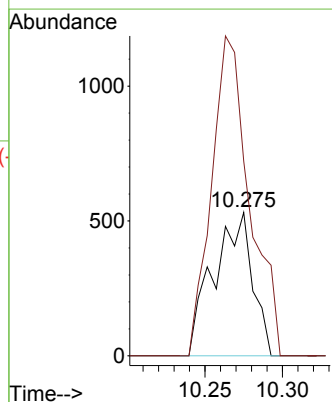
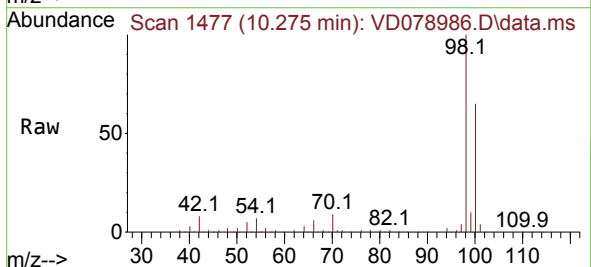
Instrument :
MSVOA_D
ClientSampleId :

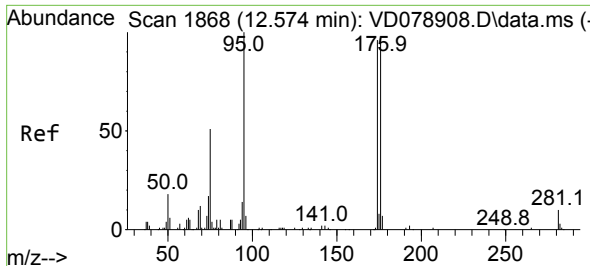
Tgt Ion: 98 Resp: 313617
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.416 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 218.2 36.6 55.0#

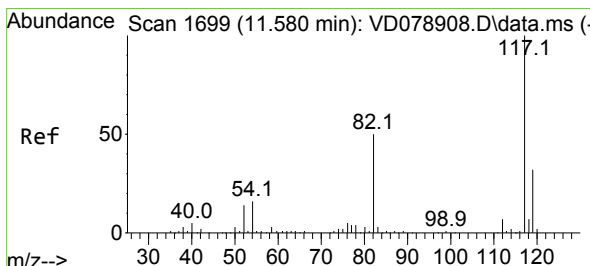
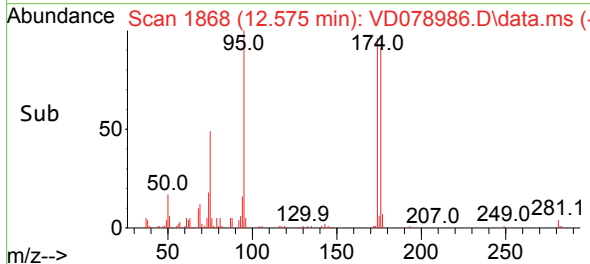
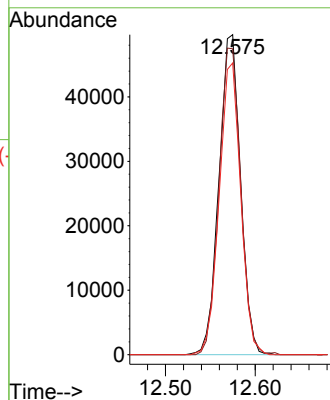
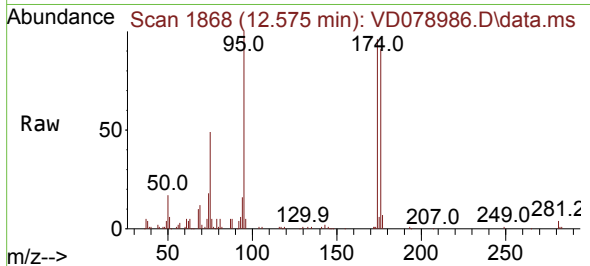




#62
4-Bromofluorobenzene
Concen: 47.966 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

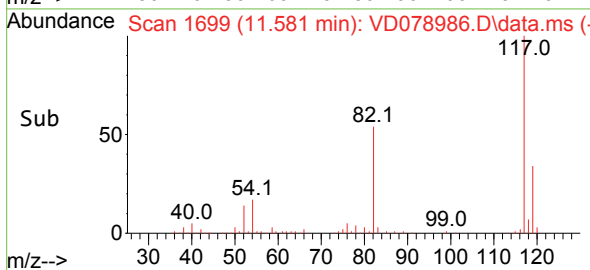
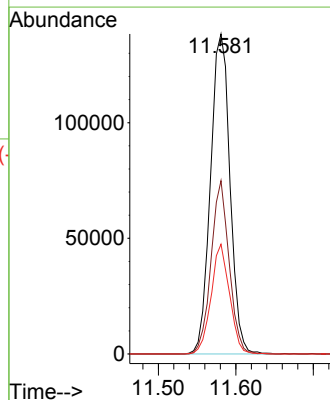
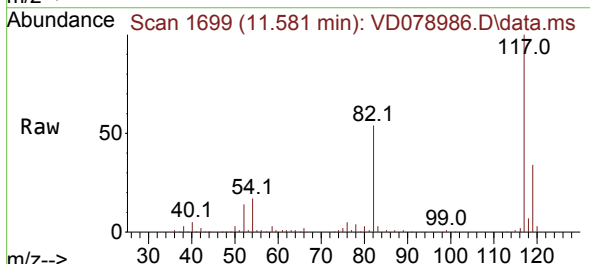
Instrument :
MSVOA_D
ClientSampleId :

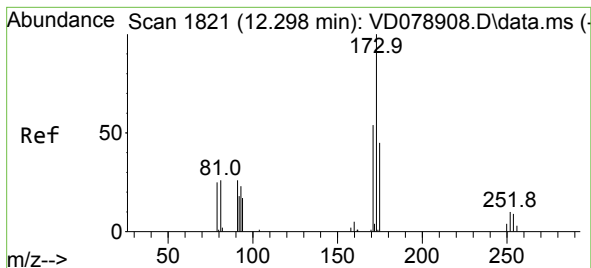
Tgt Ion: 95 Resp: 82486
Ion Ratio Lower Upper
95 100
174 97.9 0.0 195.4
176 91.2 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

Tgt Ion: 117 Resp: 241597
Ion Ratio Lower Upper
117 100
82 54.2 39.8 59.6
119 34.3 25.7 38.5





#71

Bromoform

Concen: 1.185 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.271 min

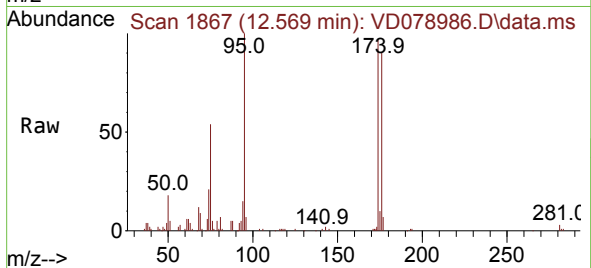
Lab File: VD078986.D

Acq: 22 May 2024 18:20

Instrument :

MSVOA_D

ClientSampleId :



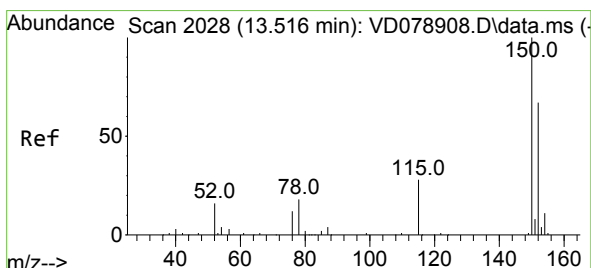
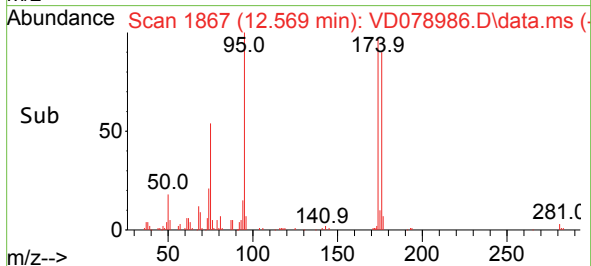
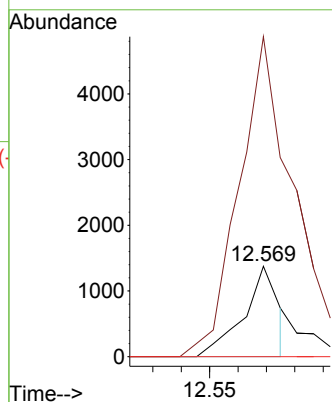
Tgt Ion:173 Resp: 1179

Ion Ratio Lower Upper

173 100

175 408.4 23.7 71.1#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078986.D

Acq: 22 May 2024 18:20

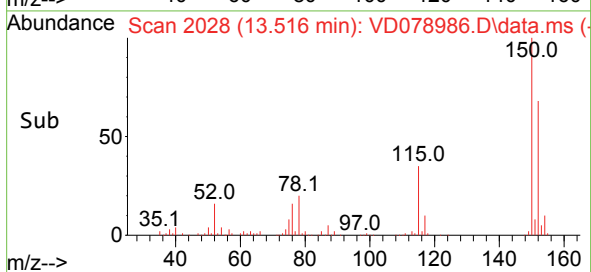
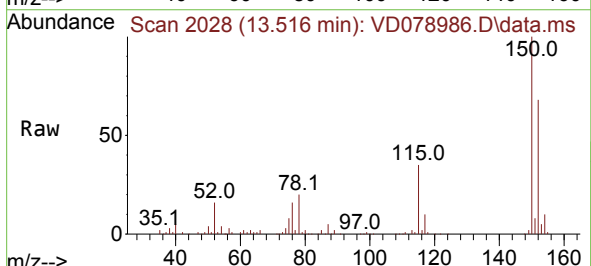
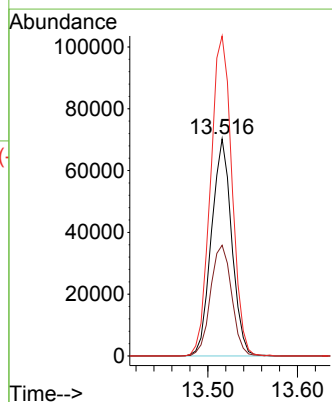
Tgt Ion:152 Resp: 110353

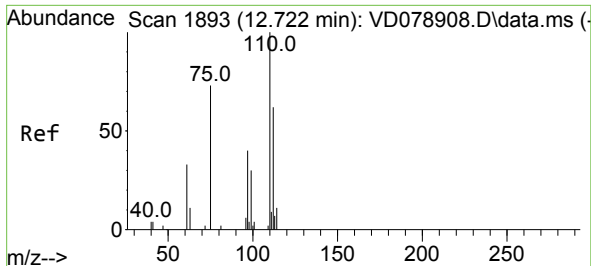
Ion Ratio Lower Upper

152 100

115 53.2 26.5 79.5

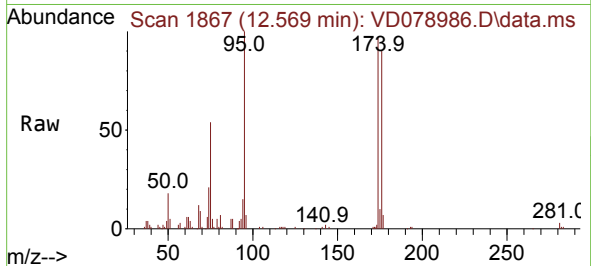
150 155.3 0.0 341.6



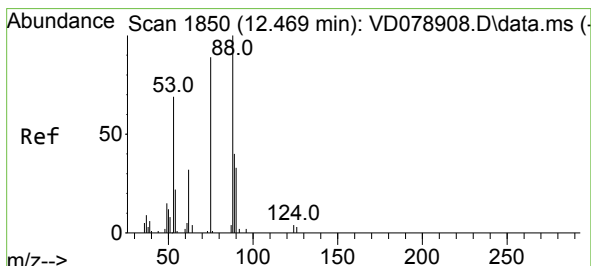
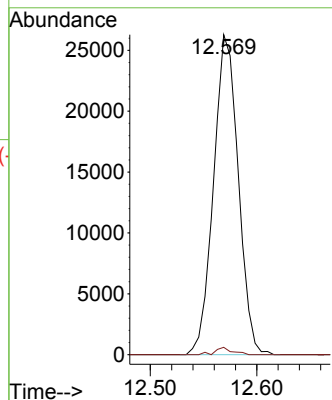
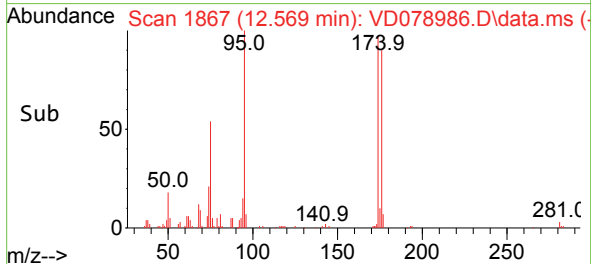


#76
1,2,3-Trichloropropane
Concen: 54.472 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20

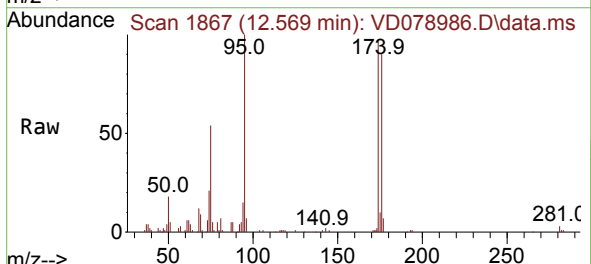
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 42319
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.020 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078986.D
Acq: 22 May 2024 18:20



Tgt Ion: 75 Resp: 42319
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

