

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078797.D
 Acq On : 29 Mar 2024 17:44
 Operator : RP/MD
 Sample : P1927-03
 Misc : 2.48G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11998

Quant Time: Mar 30 00:09:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

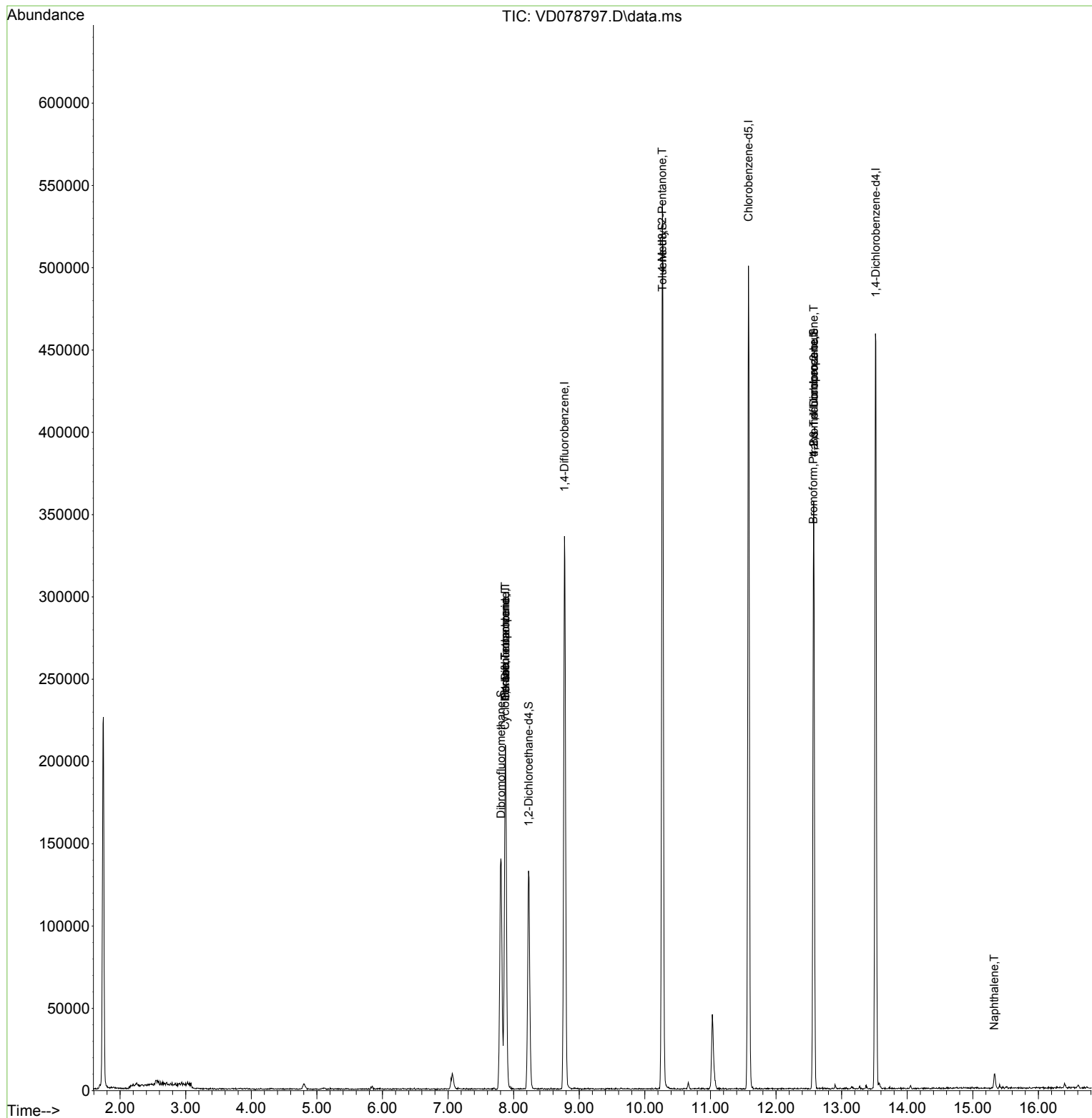
Internal Standards						
1) Pentafluorobenzene	7.875	168	163995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	312757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	300767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	133009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	98423	64.040	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.080%	
35) Dibromofluoromethane	7.810	113	103807	51.551	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.100%	
50) Toluene-d8	10.269	98	378853	51.157	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	12.575	95	103657	47.844	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.680%	
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	2555	Below Cal	#	88
31) Cyclohexane	7.869	56	3628	1.404	ug/l #	9
36) 1,1-Dichloropropene	7.875	75	12598	4.312	ug/l #	47
38) Carbon Tetrachloride	7.875	117	15253	4.952	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	1386	1.527	ug/l #	1
71) Bromoform	12.569	173	1452	1.167	ug/l #	26
76) 1,2,3-Trichloropropane	12.575	75	53081	51.799	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	53081	108.579	ug/l #	19
95) Naphthalene	15.328	128	8753	2.185	ug/l #	94

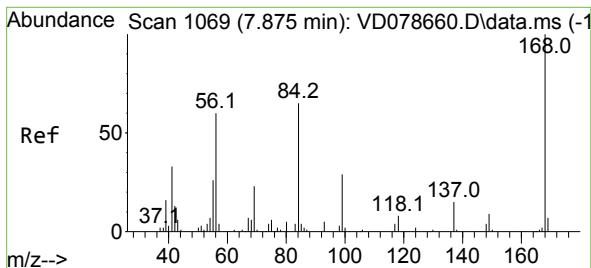
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
Data File : VD078797.D
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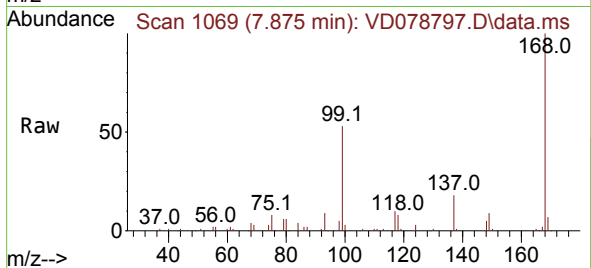
Quant Time: Mar 30 00:09:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



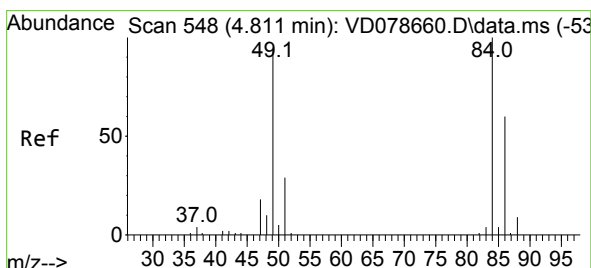
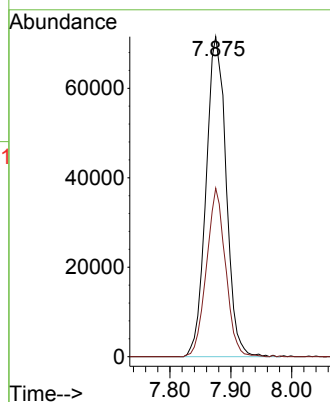
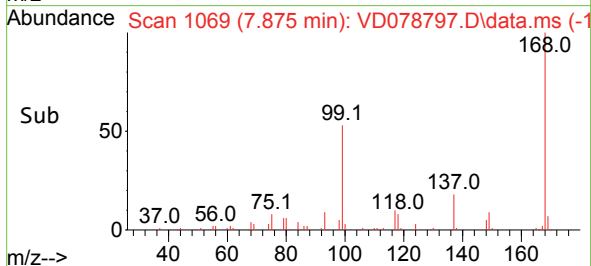


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078797.D
Acq: 29 Mar 2024 17:44

Instrument :
MSVOA_D
ClientSampleId :
72-11998

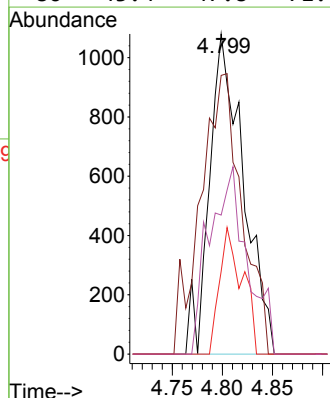
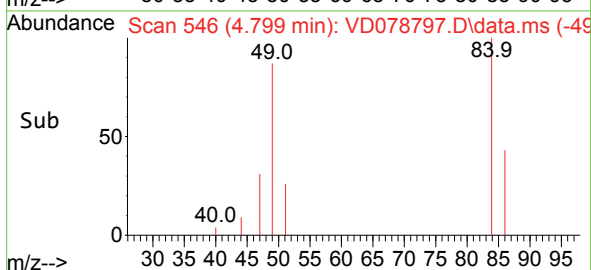
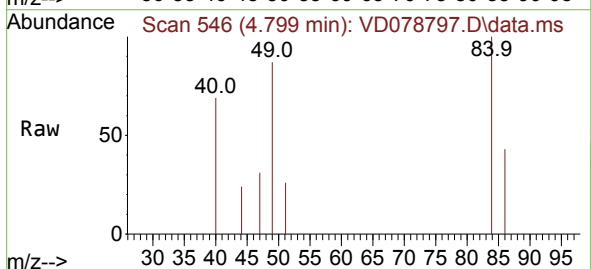


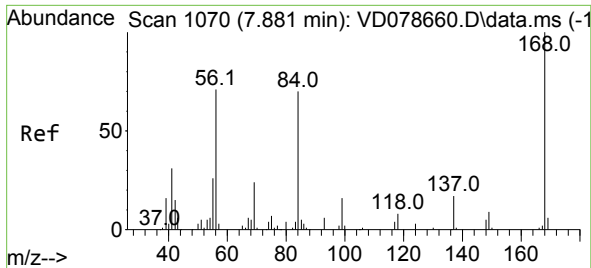
Tgt Ion:168 Resp: 163995
Ion Ratio Lower Upper
168 100
99 52.6 38.8 58.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD078797.D
Acq: 29 Mar 2024 17:44

Tgt Ion: 84 Resp: 2555
Ion Ratio Lower Upper
84 100
49 87.0 75.6 113.4
51 25.8 23.4 35.0
86 43.4 47.8 71.6#

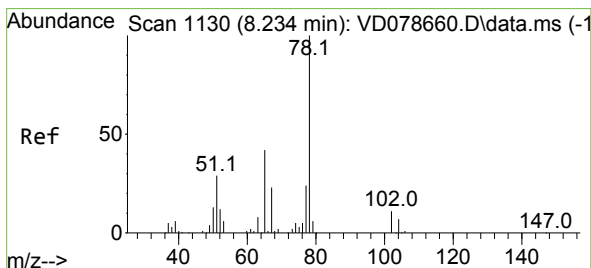
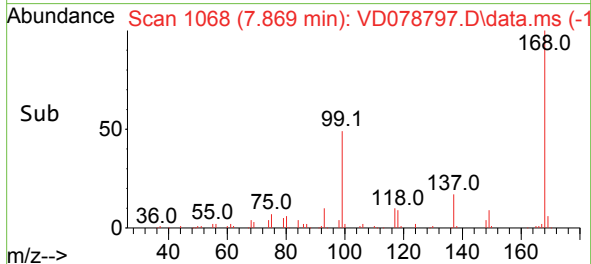
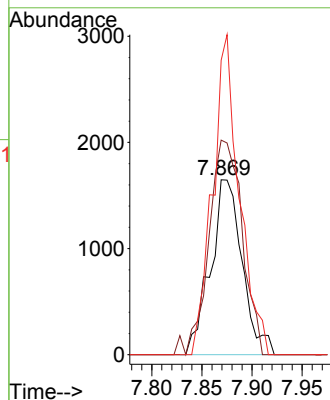
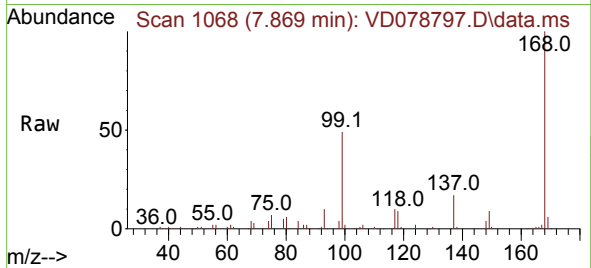




#31
Cyclohexane
Concen: 1.404 ug/l
RT: 7.869 min Scan# 1109
Delta R.T. -0.012 min
Lab File: VD078797.D
Acq: 29 Mar 2024 17:44

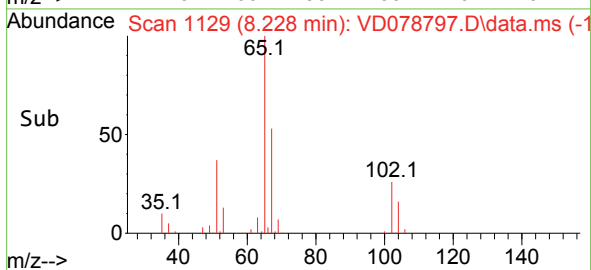
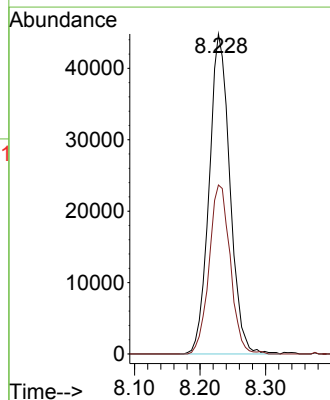
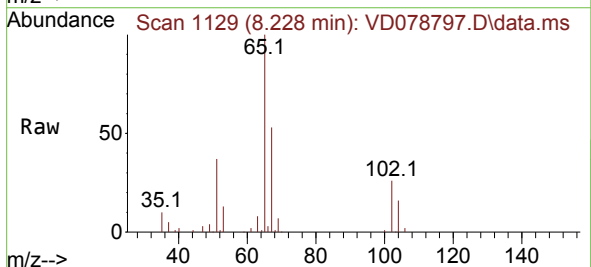
Instrument :
MSVOA_D
ClientSampleId :
72-11998

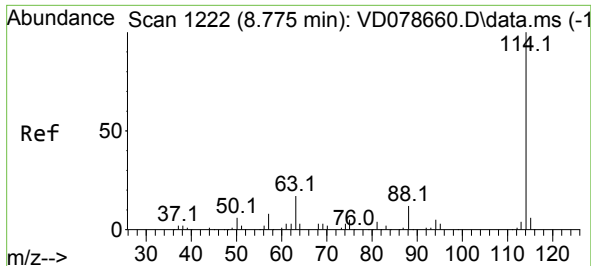
Tgt Ion: 56 Resp: 3628
Ion Ratio Lower Upper
56 100
69 122.7 26.6 40.0#
84 168.3 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 64.040 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078797.D
Acq: 29 Mar 2024 17:44

Tgt Ion: 65 Resp: 98423
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078797.D

Acq: 29 Mar 2024 17:44

Instrument :

MSVOA_D

ClientSampleId :

72-11998

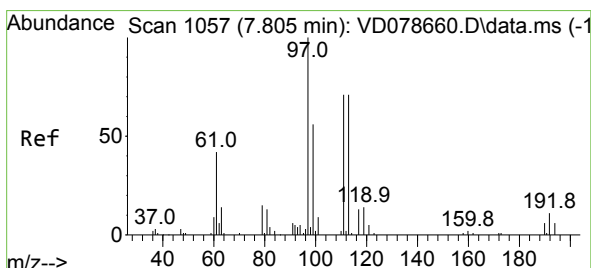
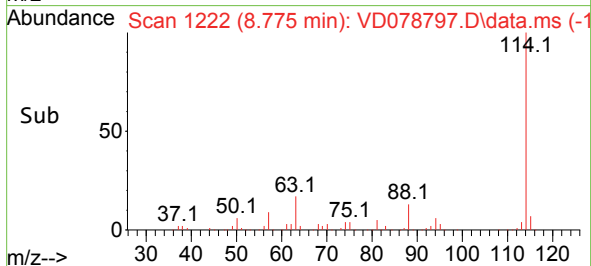
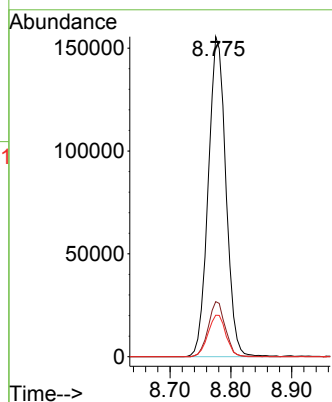
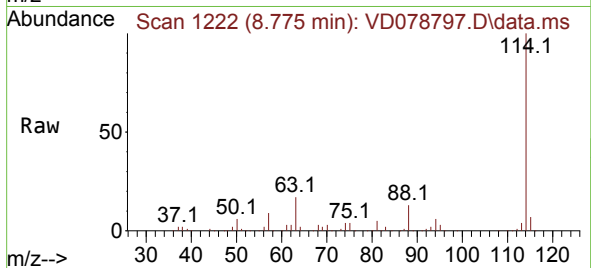
Tgt Ion:114 Resp: 312757

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.0 0.0 24.6



#35

Dibromofluoromethane

Concen: 51.551 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078797.D

Acq: 29 Mar 2024 17:44

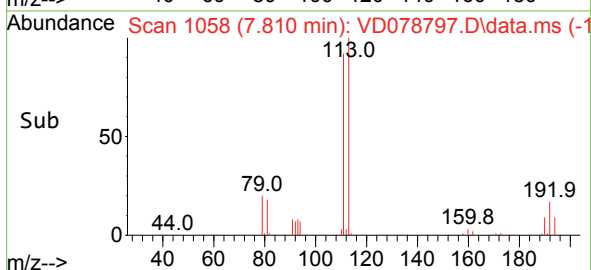
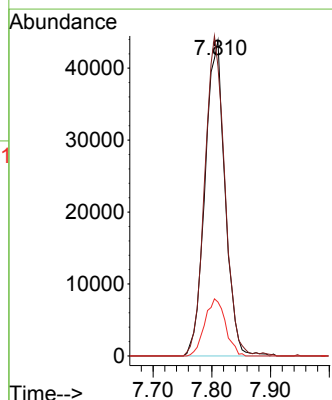
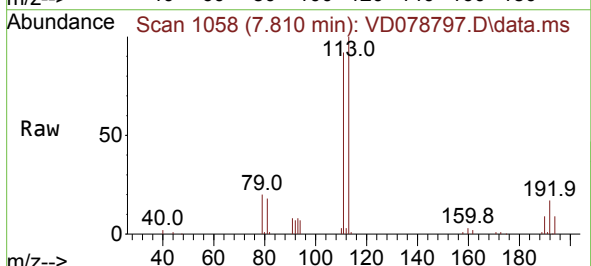
Tgt Ion:113 Resp: 103807

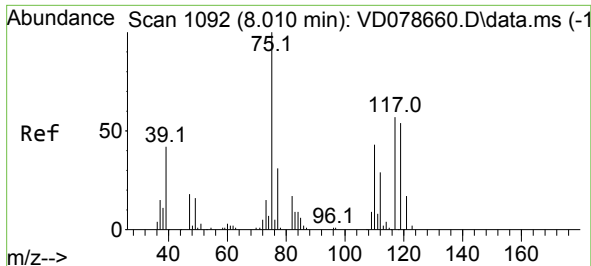
Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

192 18.8 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.312 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078797.D

Acq: 29 Mar 2024 17:44

Instrument :

MSVOA_D

ClientSampleId :

72-11998

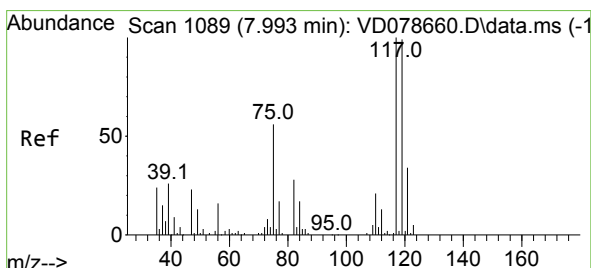
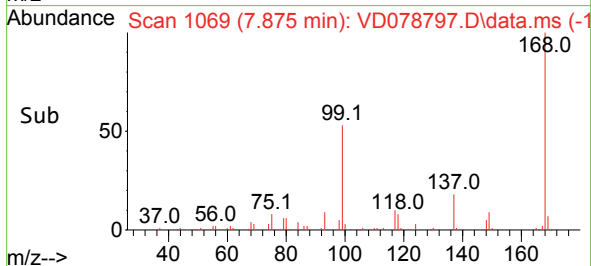
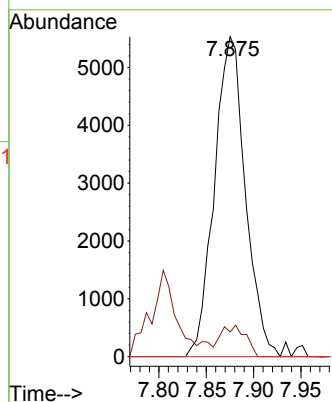
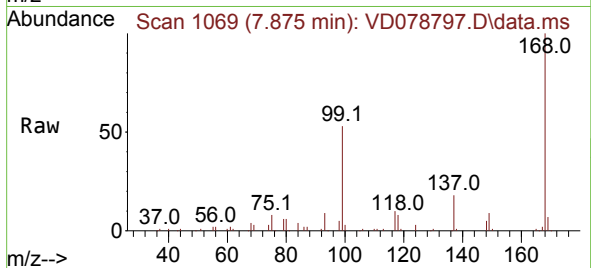
Tgt Ion: 75 Resp: 12598

Ion Ratio Lower Upper

75 100

110 7.7 19.1 57.1#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 4.952 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078797.D

Acq: 29 Mar 2024 17:44

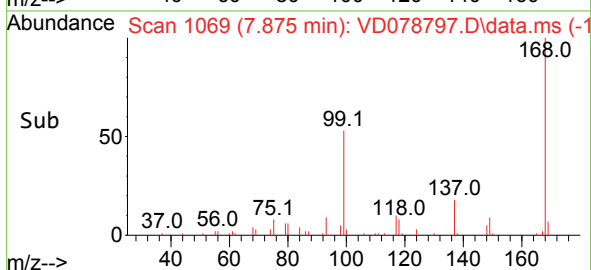
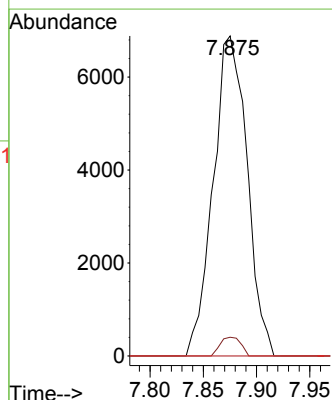
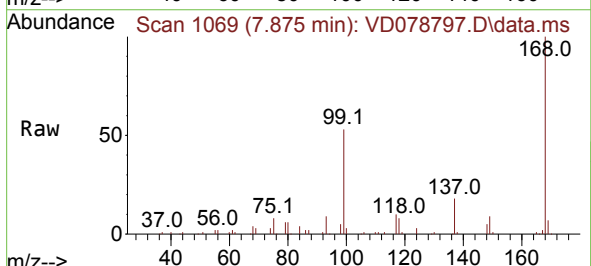
Tgt Ion: 117 Resp: 15253

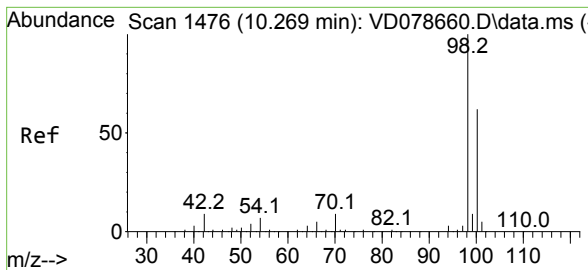
Ion Ratio Lower Upper

117 100

119 5.9 79.2 118.8#

121 0.0 26.8 40.2#

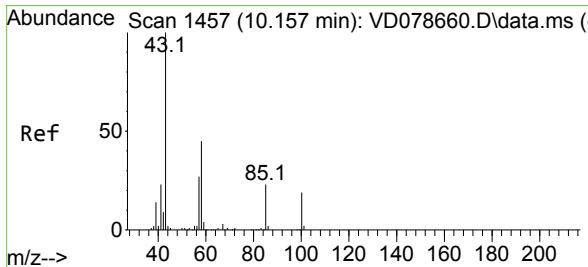
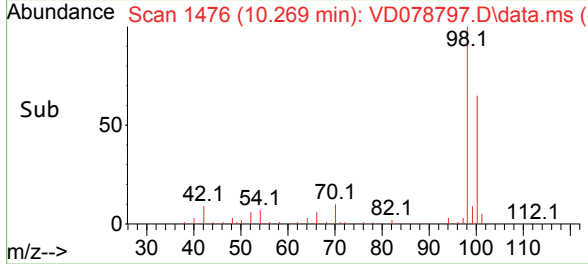
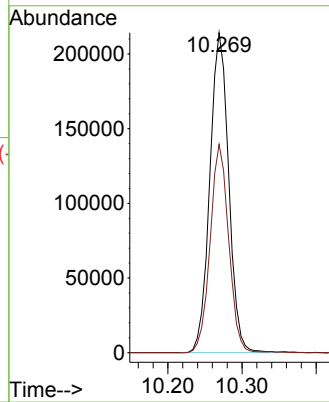
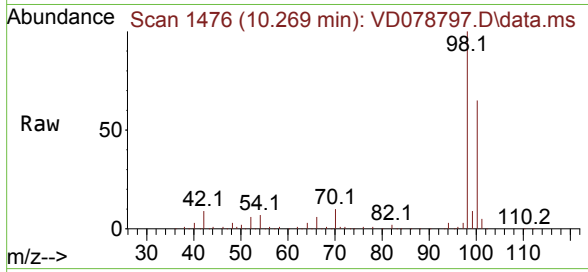




#50
Toluene-d8
Concen: 51.157 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078797.D
Acq: 29 Mar 2024 17:44

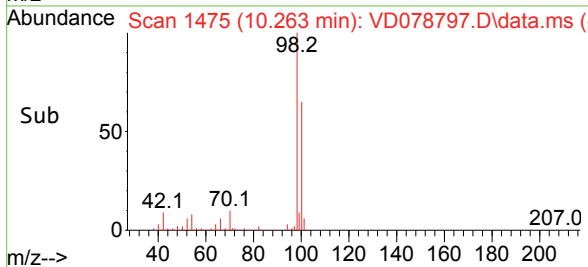
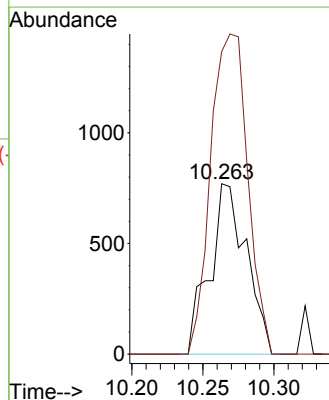
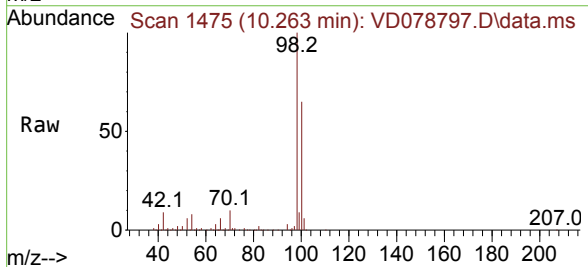
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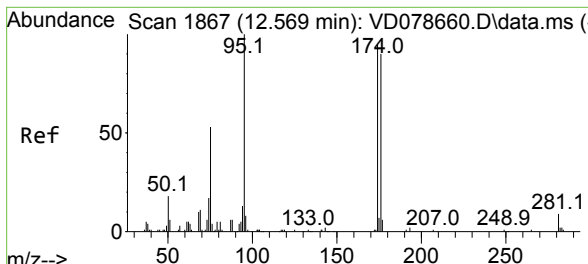
Tgt Ion: 98 Resp: 378853
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.527 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD078797.D
Acq: 29 Mar 2024 17:44

Tgt Ion: 43 Resp: 1386
Ion Ratio Lower Upper
43 100
58 189.6 36.4 54.6#

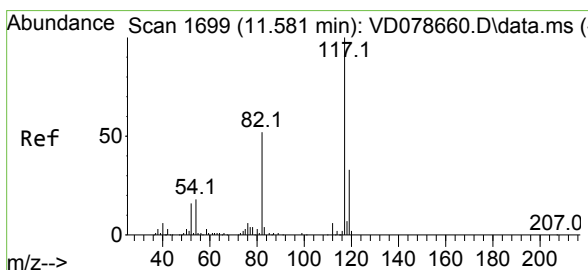
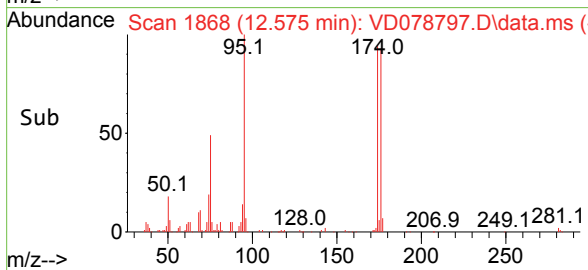
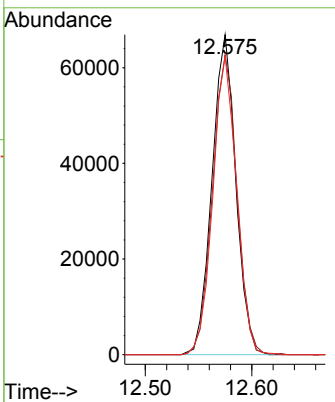
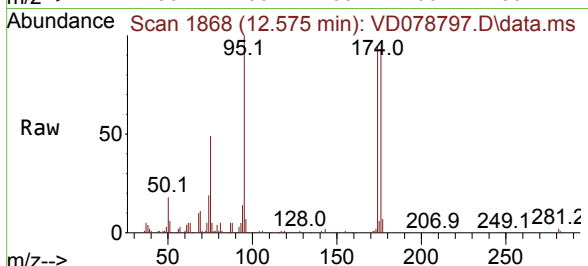




#62
 4-Bromofluorobenzene
 Concen: 47.844 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VD078797.D
 Acq: 29 Mar 2024 17:44

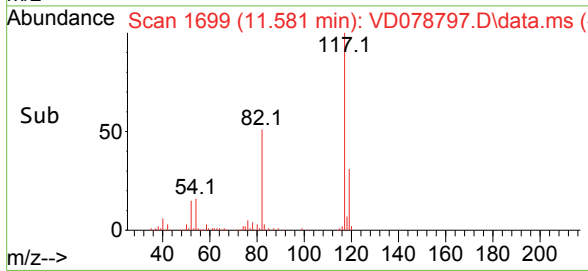
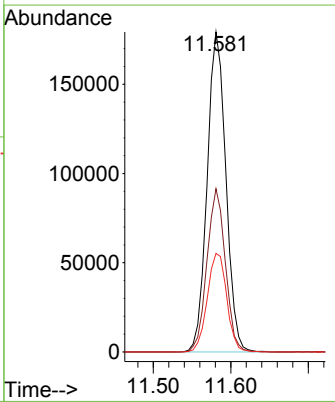
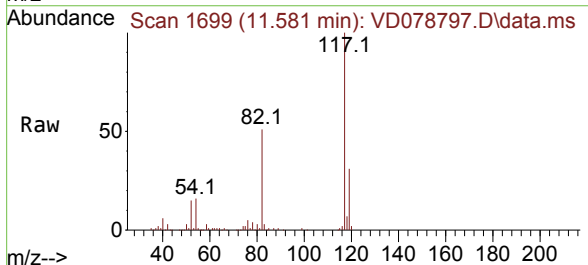
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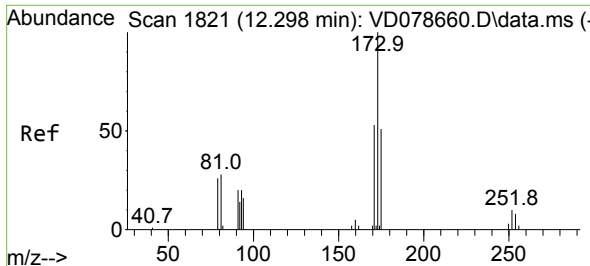
Tgt Ion:	95	Resp:	103657
Ion Ratio	Lower	Upper	
95	100		
174	96.9	0.0	195.2
176	93.5	0.0	188.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD078797.D
 Acq: 29 Mar 2024 17:44

Tgt Ion:	117	Resp:	300767
Ion Ratio	Lower	Upper	
117	100		
82	51.0	41.4	62.2
119	30.8	26.5	39.7

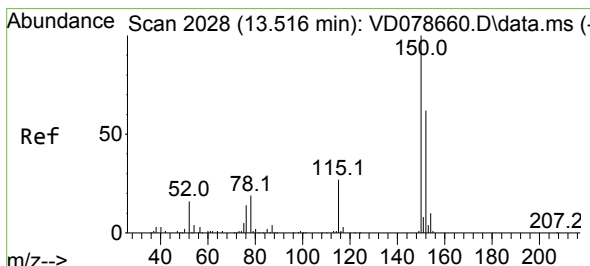
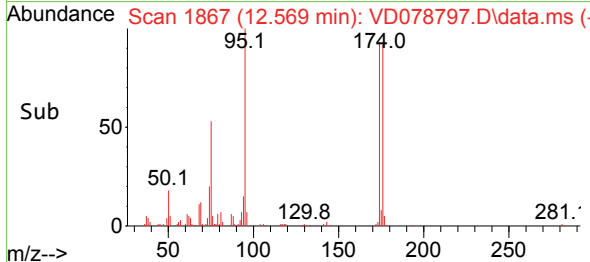
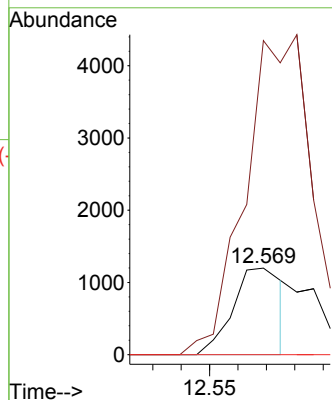
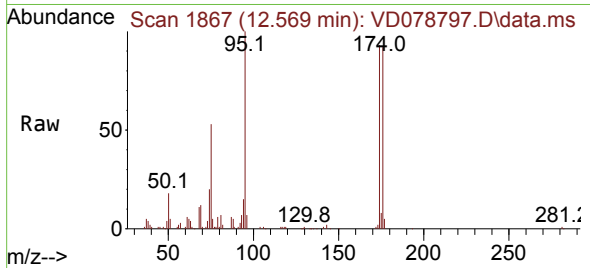




#71
Bromoform
Concen: 1.167 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.271 min
Lab File: VD078797.D
Acq: 29 Mar 2024 17:44

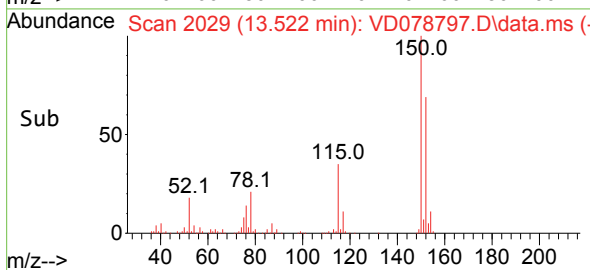
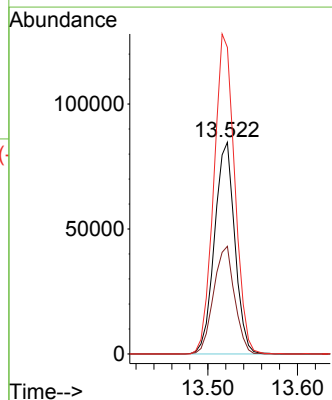
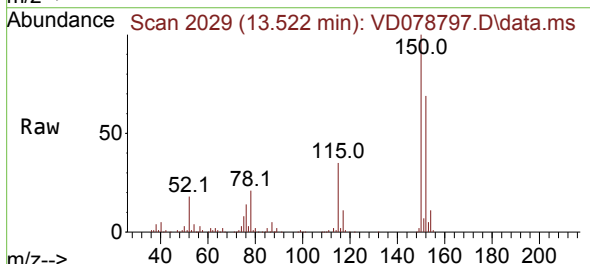
Instrument :
MSVOA_D
ClientSampleId :
72-11998

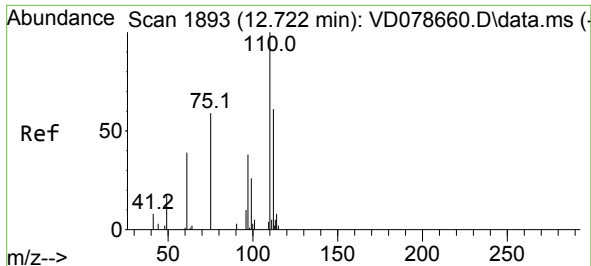
Tgt Ion:173 Resp: 1452
Ion Ratio Lower Upper
173 100
175 0.0 25.8 77.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078797.D
Acq: 29 Mar 2024 17:44

Tgt Ion:152 Resp: 133009
Ion Ratio Lower Upper
152 100
115 52.7 27.1 81.2
150 155.3 0.0 350.2

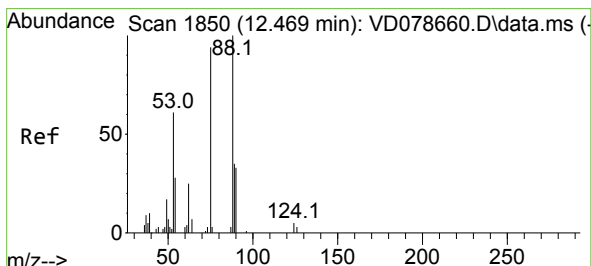
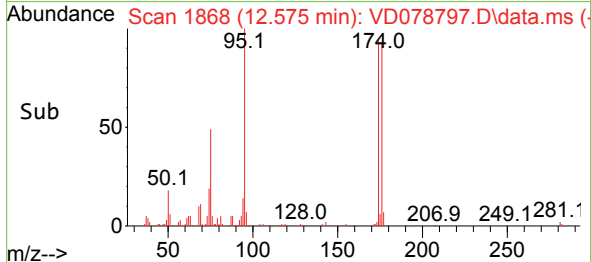
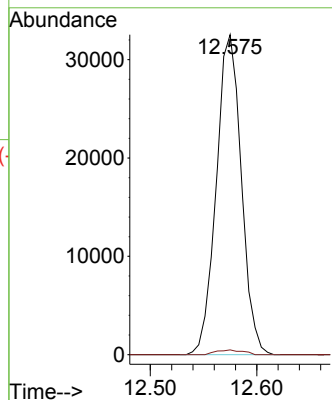
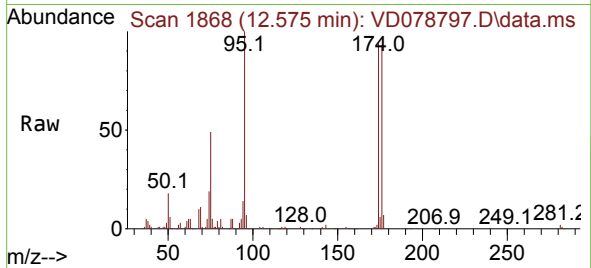




#76
1,2,3-Trichloropropane
Concen: 51.799 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078797.D
Acq: 29 Mar 2024 17:44

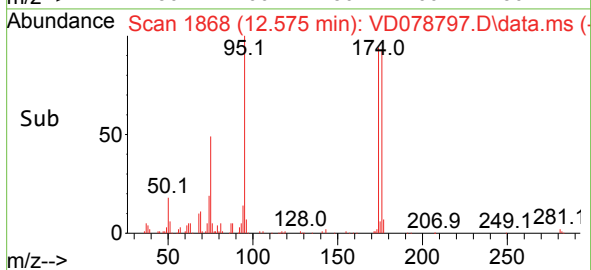
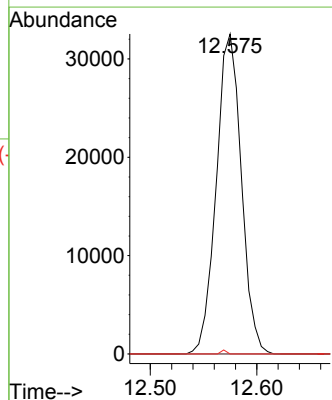
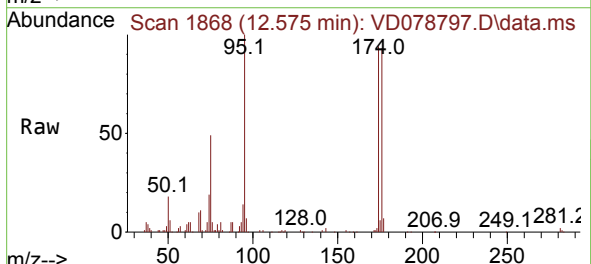
Instrument :
MSVOA_D
ClientSampleId :
72-11998

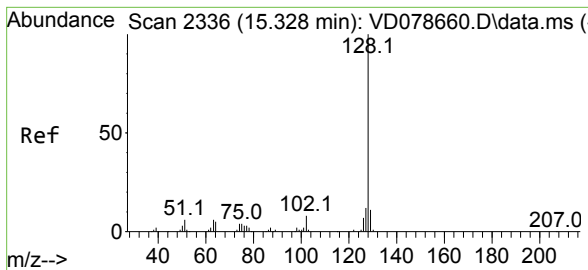
Tgt Ion: 75 Resp: 53081
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.579 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078797.D
Acq: 29 Mar 2024 17:44

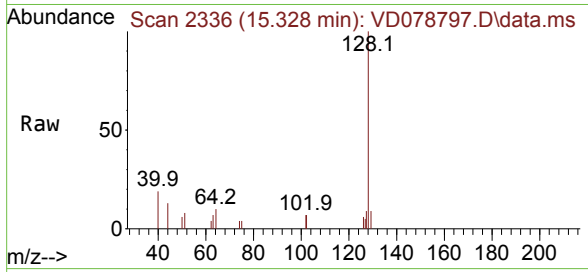
Tgt Ion: 75 Resp: 53081
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.3 35.4 53.0#





#95
Naphthalene
Concen: 2.185 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078797.D
Acq: 29 Mar 2024 17:44

Instrument :
MSVOA_D
ClientSampleId :
72-11998



Tgt Ion:	128	Resp:	8753
Ion	Ratio	Lower	Upper
128	100		
127	14.1	9.3	13.9#
129	9.0	8.9	13.3

