

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076336.D
 Acq On : 06 Jun 2023 13:01
 Operator : KP/SY
 Sample : 03032-04
 Misc : 4.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-21-0A

Quant Time: Jun 07 06:10:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

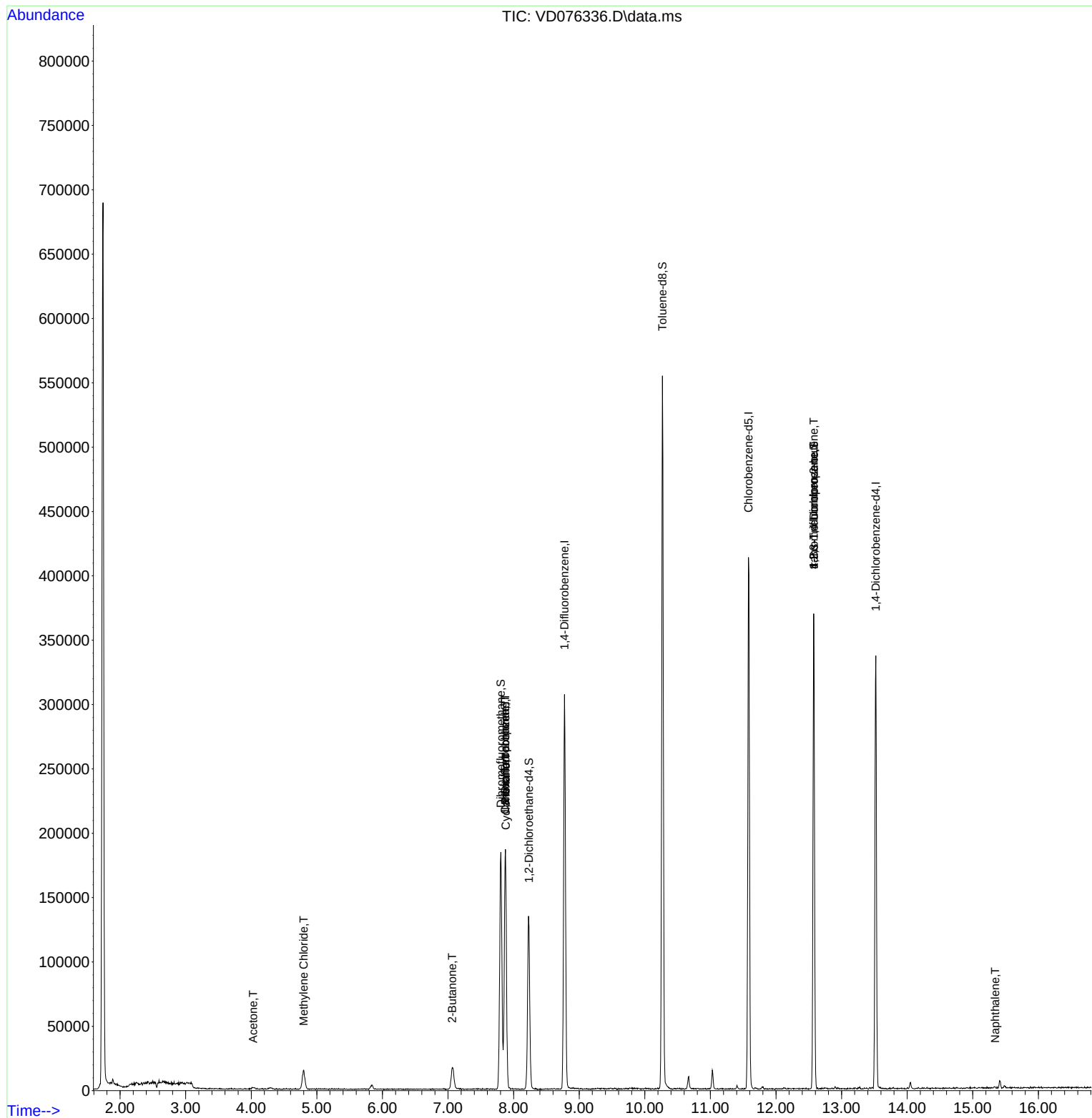
Internal Standards						
1) Pentafluorobenzene	7.875	168	157800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	294054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	263408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	102956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	100552	71.118	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 142.240%		
35) Dibromofluoromethane	7.805	113	135208	72.418	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 144.840%		
50) Toluene-d8	10.269	98	403828	54.324	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 108.640%		
62) 4-Bromofluorobenzene	12.575	95	108371	55.088	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 110.180%		
Target Compounds						Qvalue
16) Acetone	4.028	43	2397	9.256	ug/l #	73
20) Methylene Chloride	4.799	84	12351	1.589	ug/l	92
25) 2-Butanone	7.063	43	806	2.248	ug/l #	37
31) Cyclohexane	7.881	56	3167	1.334	ug/l #	51
36) 1,1-Dichloropropene	7.869	75	10930	4.075	ug/l #	46
38) Carbon Tetrachloride	7.869	117	13694	5.824	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	52522	54.650	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	52522	130.891	ug/l #	17
95) Naphthalene	15.339	128	1271	3.615	ug/l #	76

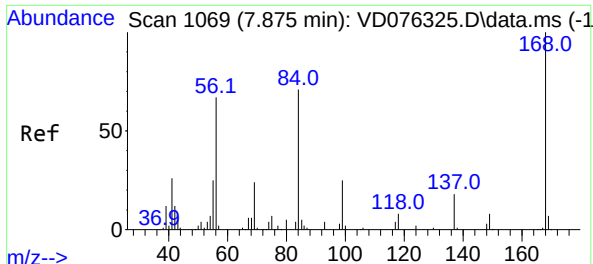
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-21-0A

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration

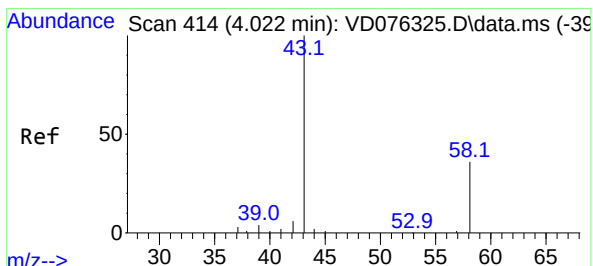
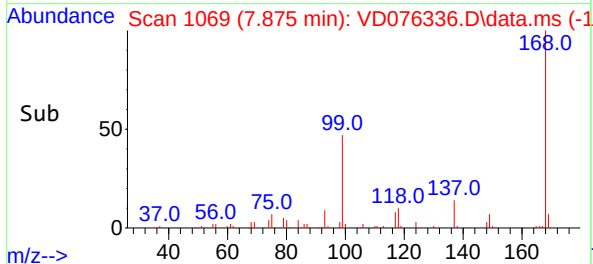
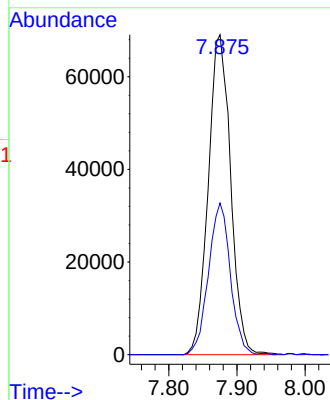
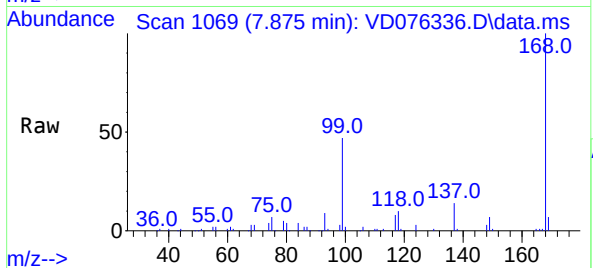




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

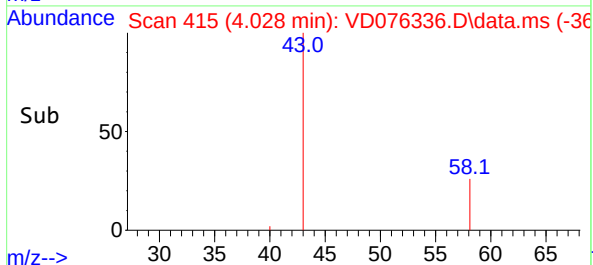
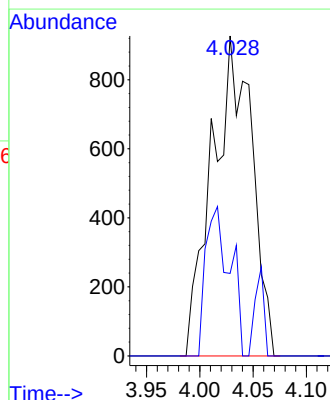
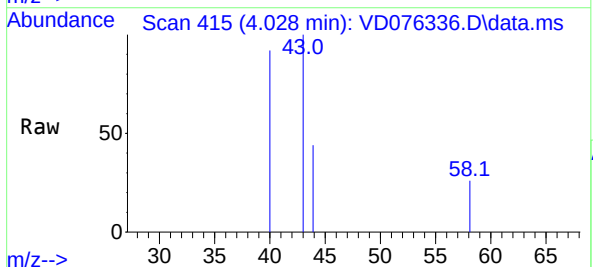
Instrument :
MSVOA_D
ClientSampleId :
TP-21-0A

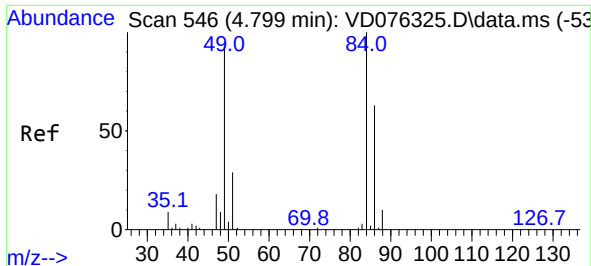
Tgt Ion:168 Resp: 157800
Ion Ratio Lower Upper
168 100
99 47.4 36.7 55.1



#16
Acetone
Concen: 9.256 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

Tgt Ion: 43 Resp: 2397
Ion Ratio Lower Upper
43 100
58 25.8 34.7 52.1#



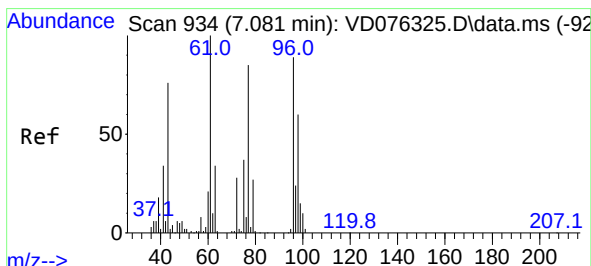
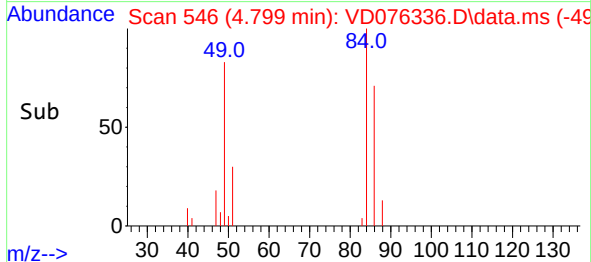
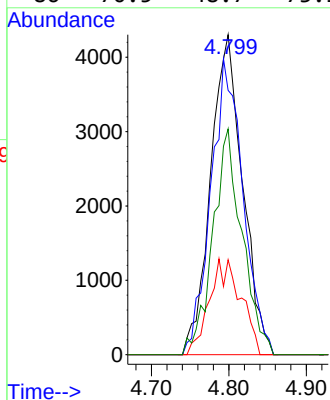
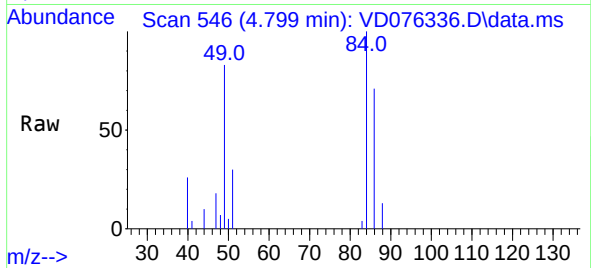


#20
Methylene Chloride
Concen: 1.589 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

Instrument :
MSVOA_D
ClientSampleId :
TP-21-0A

Tgt Ion: 84 Resp: 12351

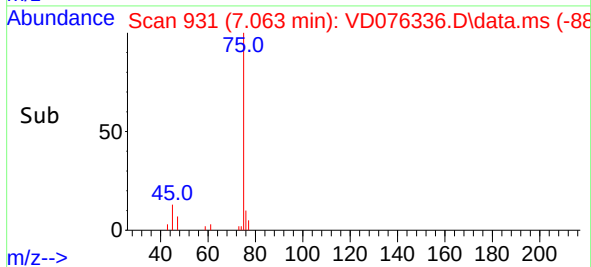
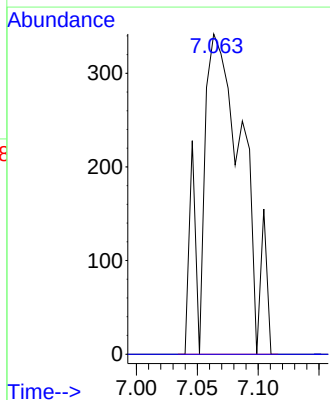
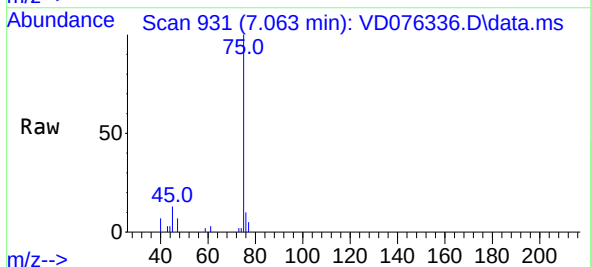
Ion	Ratio	Lower	Upper
84	100		
49	82.6	71.4	107.2
51	29.7	24.5	36.7
86	70.5	48.7	73.1

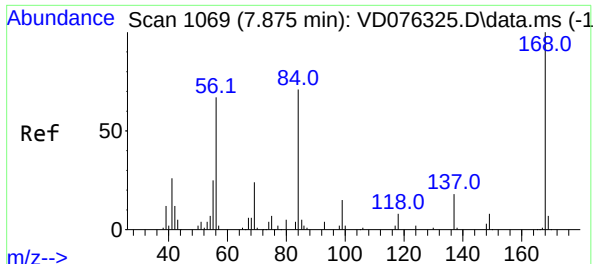


#25
2-Butanone
Concen: 2.248 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

Tgt Ion: 43 Resp: 806

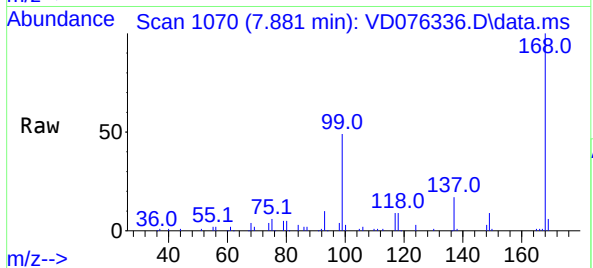
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



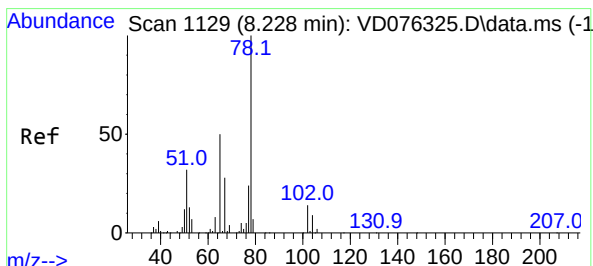
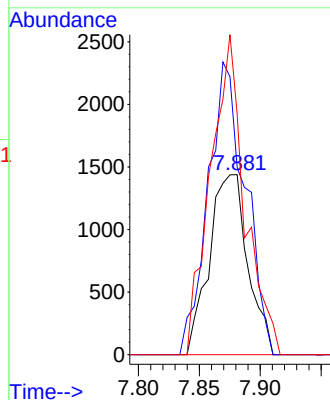
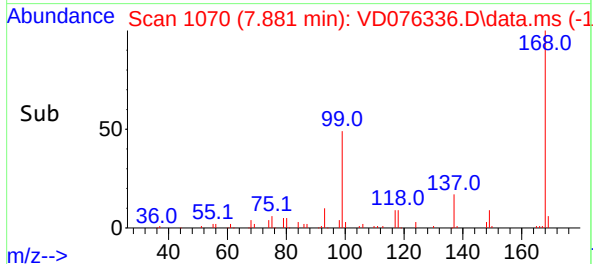


#31
Cyclohexane
Concen: 1.334 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

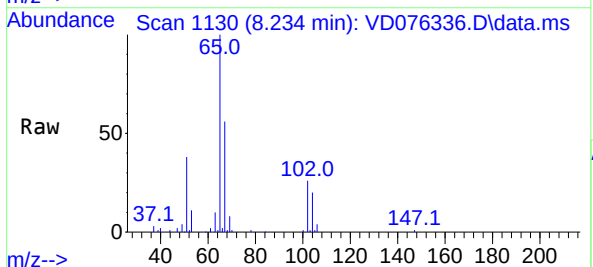
Instrument :
MSVOA_D
ClientSampleId :
TP-21-0A



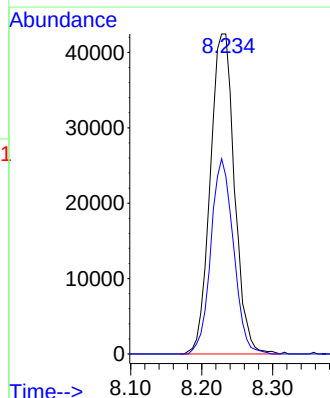
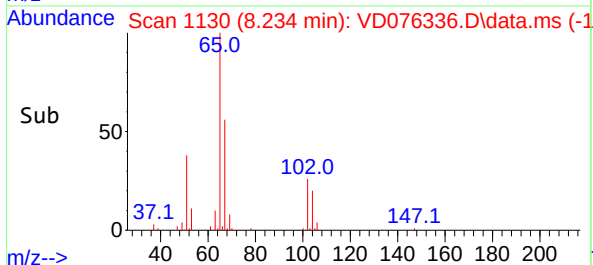
Tgt Ion: 56 Resp: 3167
Ion Ratio Lower Upper
56 100
69 104.2 28.6 43.0#
84 133.7 84.8 127.2#

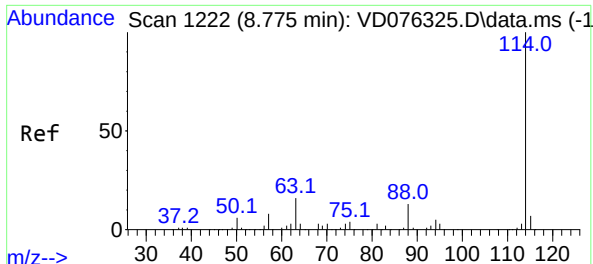


#33
1,2-Dichloroethane-d4
Concen: 71.118 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01



Tgt Ion: 65 Resp: 100552
Ion Ratio Lower Upper
65 100
67 56.9 0.0 115.0

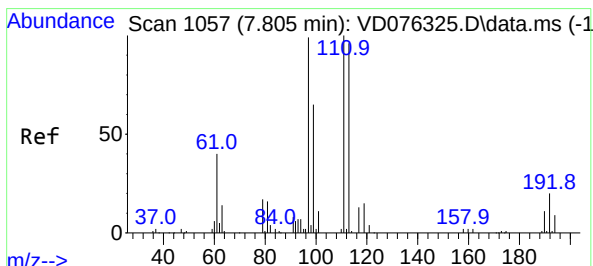
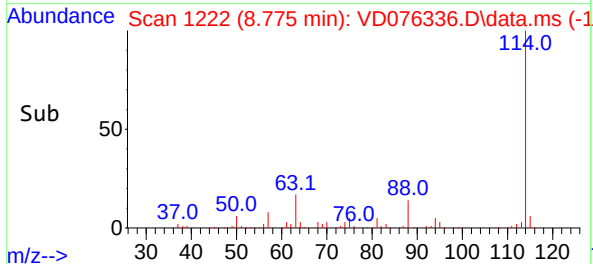
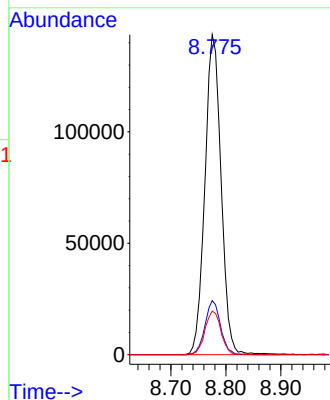
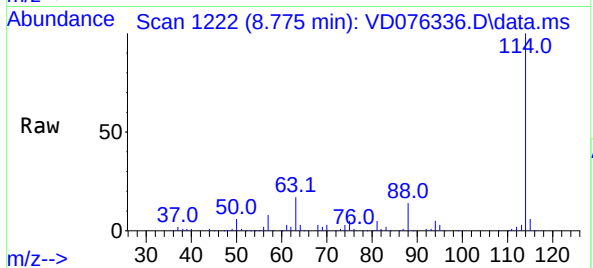




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

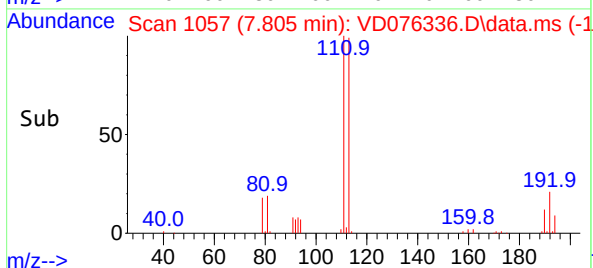
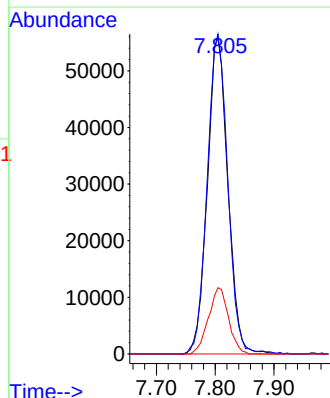
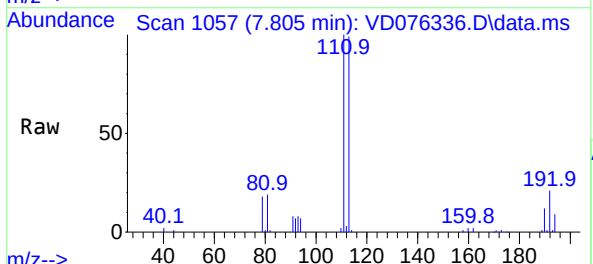
Instrument :
MSVOA_D
ClientSampleId :
TP-21-0A

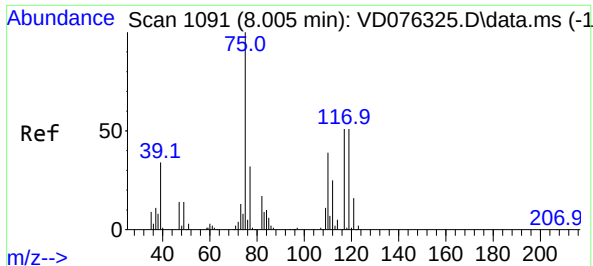
Tgt Ion:114 Resp: 294054
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.4
88 13.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 72.418 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

Tgt Ion:113 Resp: 135208
Ion Ratio Lower Upper
113 100
111 101.4 84.7 127.1
192 20.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.075 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD076336.D

Acq: 06 Jun 2023 13:01

Instrument :

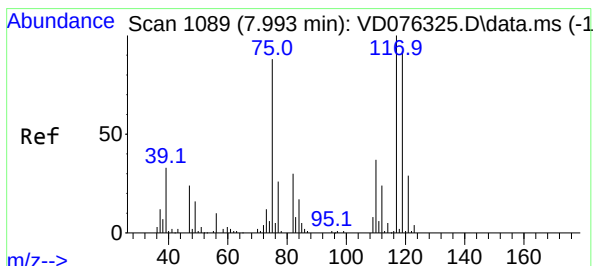
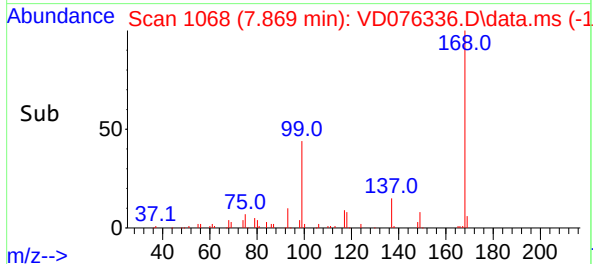
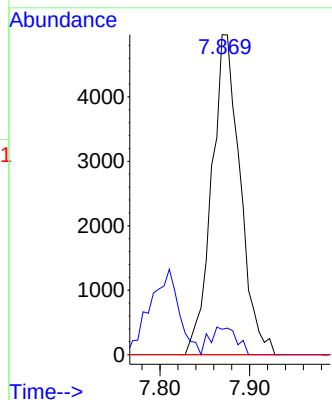
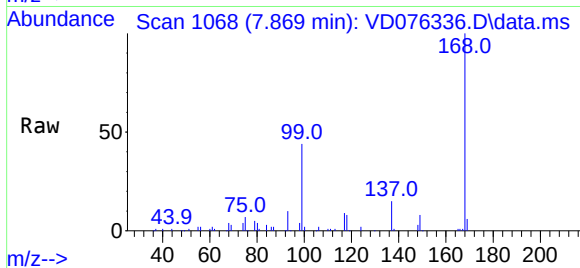
MSVOA_D

ClientSampleId :

TP-21-0A

Tgt Ion: 75 Resp: 10930

Ion	Ratio	Lower	Upper
75	100		
110	8.0	19.9	59.6#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 5.824 ug/l

RT: 7.869 min Scan# 1068

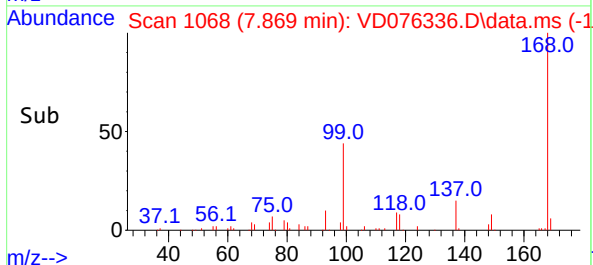
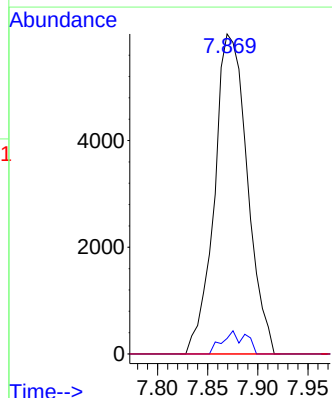
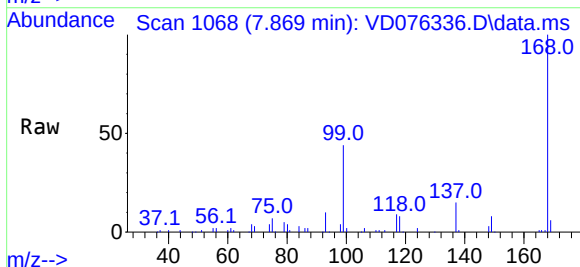
Delta R.T. -0.123 min

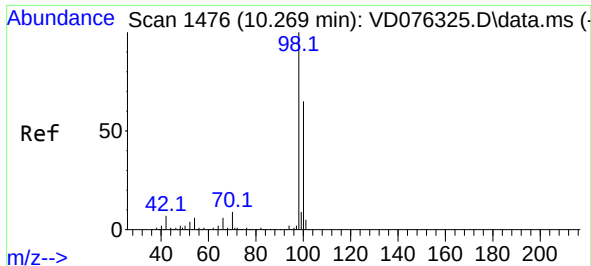
Lab File: VD076336.D

Acq: 06 Jun 2023 13:01

Tgt Ion: 117 Resp: 13694

Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.0	117.0#
121	0.0	24.2	36.2#

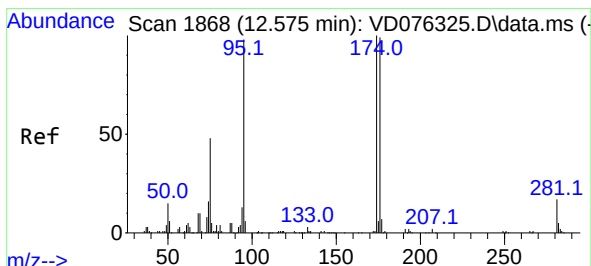
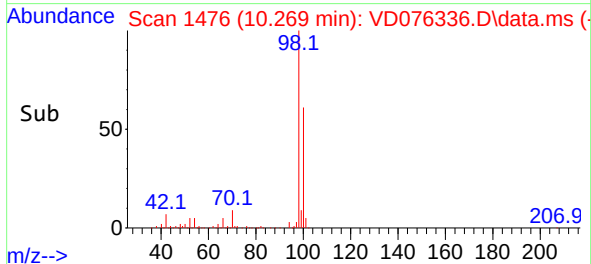
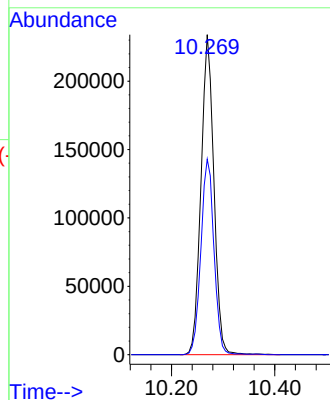
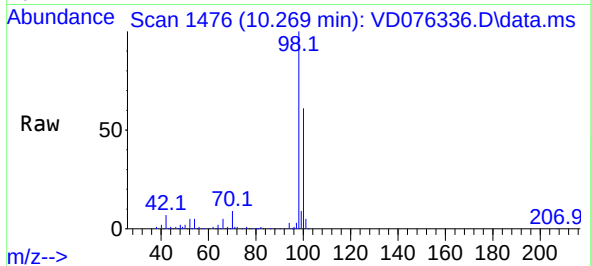




#50
Toluene-d8
Concen: 54.324 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

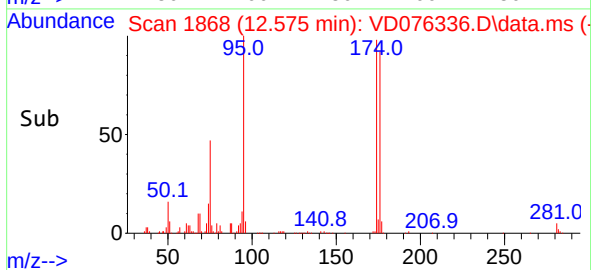
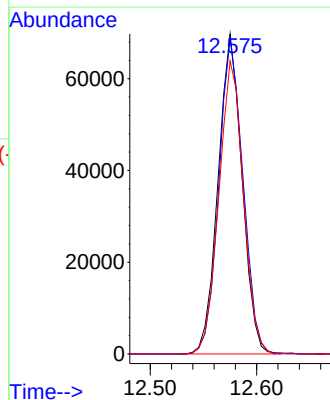
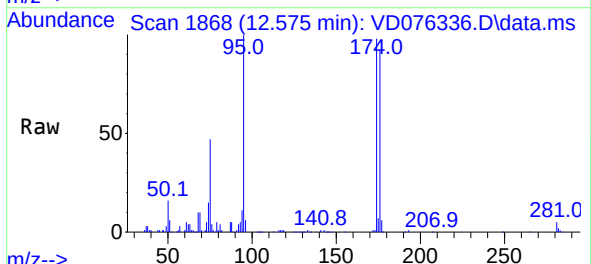
Instrument :
MSVOA_D
ClientSampleId :
TP-21-0A

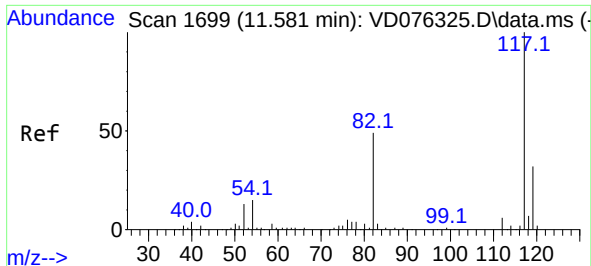
Tgt Ion: 98 Resp: 403828
Ion Ratio Lower Upper
98 100
100 62.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.088 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

Tgt Ion: 95 Resp: 108371
Ion Ratio Lower Upper
95 100
174 99.8 0.0 201.8
176 93.8 0.0 191.8

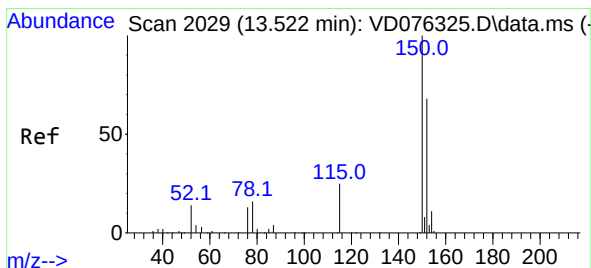
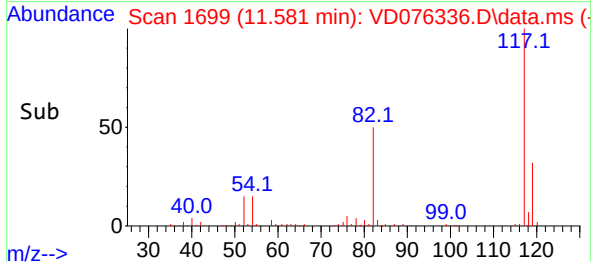
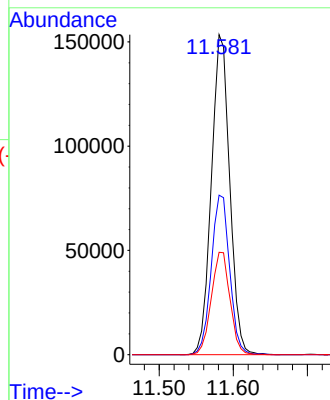
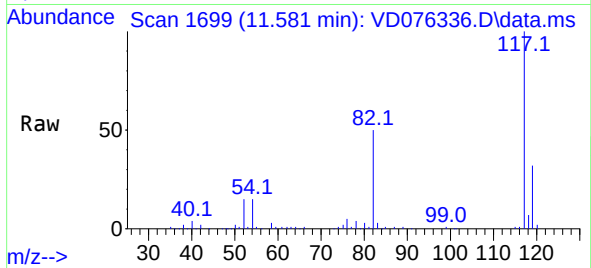




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

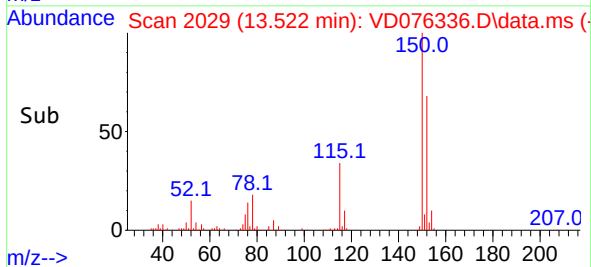
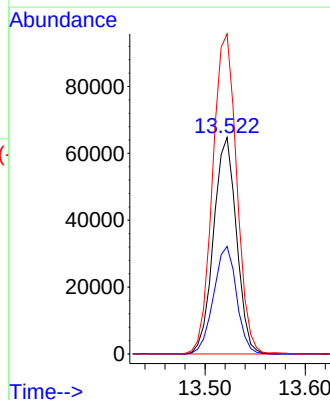
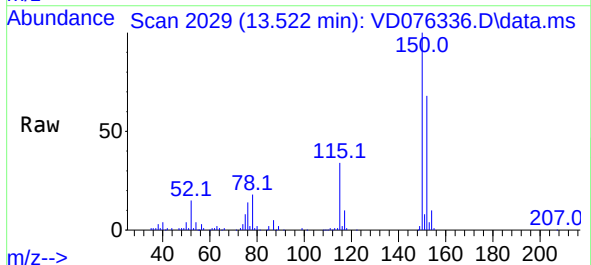
Instrument :
MSVOA_D
ClientSampleId :
TP-21-0A

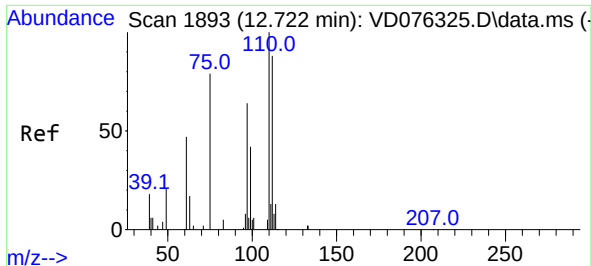
Tgt Ion:117 Resp: 263408
Ion Ratio Lower Upper
117 100
82 49.9 38.3 57.5
119 32.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

Tgt Ion:152 Resp: 102956
Ion Ratio Lower Upper
152 100
115 49.7 27.1 81.3
150 155.0 0.0 353.6

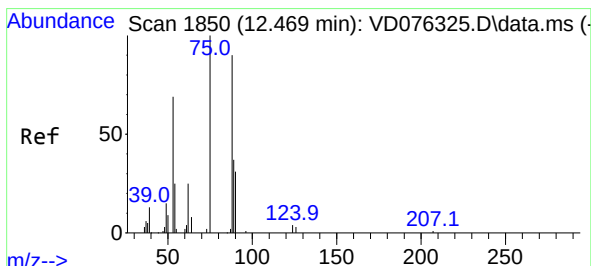
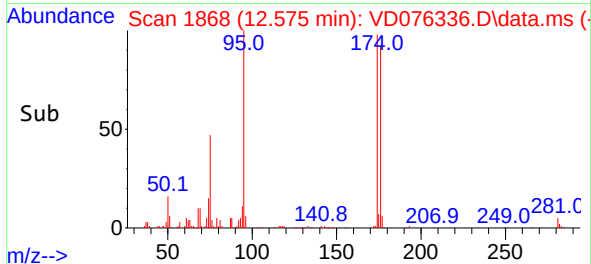
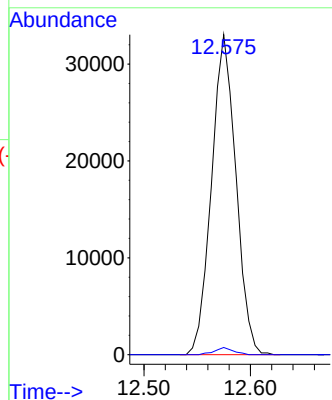
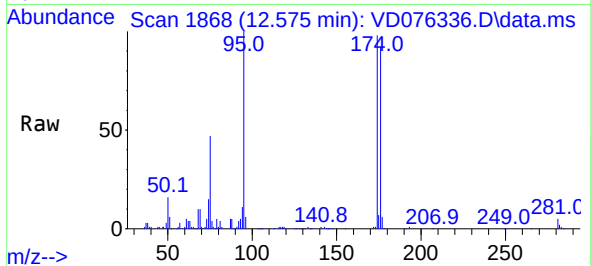




#76
1,2,3-Trichloropropane
Concen: 54.650 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

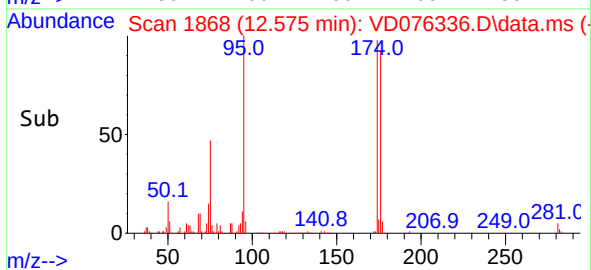
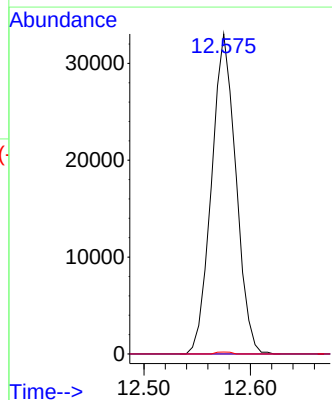
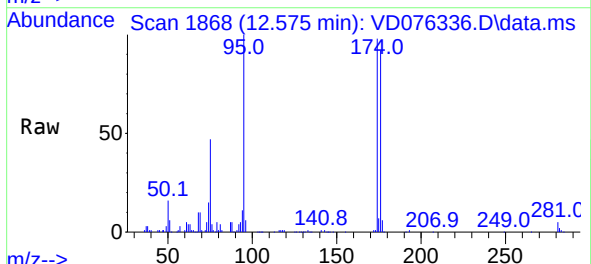
Instrument :
MSVOA_D
ClientSampleId :
TP-21-0A

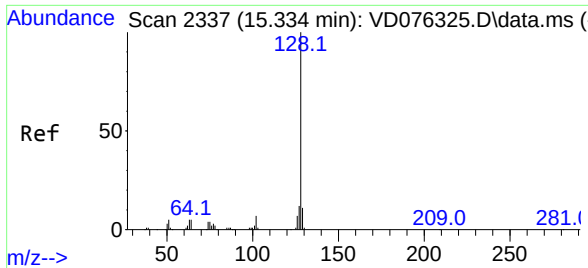
Tgt Ion: 75 Resp: 52522
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.891 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

Tgt Ion: 75 Resp: 52522
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.4 37.9 56.9#





#95
Naphthalene
Concen: 3.615 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

Instrument :
MSVOA_D
ClientSampleId :
TP-21-0A

Tgt Ion:128 Resp: 1271
Ion Ratio Lower Upper
128 100
127 21.2 10.5 15.7#
129 0.0 8.7 13.1#

