

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076842.D
 Acq On : 27 Jul 2023 19:04
 Operator : KP/SY
 Sample : 03787-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 28 03:00:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

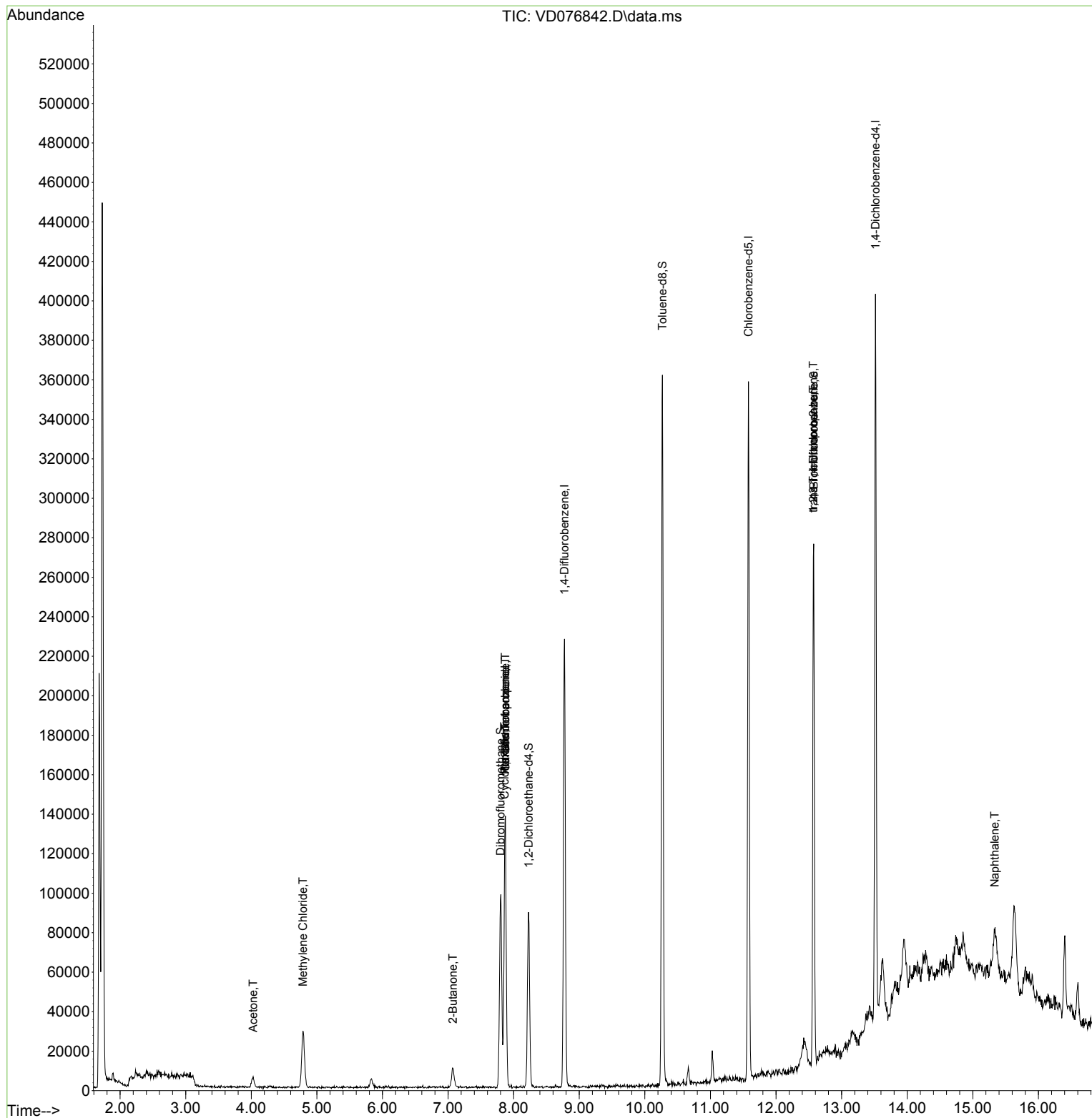
Internal Standards						
1) Pentafluorobenzene	7.869	168	105429	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	207331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68224	64.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.940%	
35) Dibromofluoromethane	7.799	113	71324	54.743	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.480%	
50) Toluene-d8	10.269	98	258220	55.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.800%	
62) 4-Bromofluorobenzene	12.575	95	83797	55.575	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.160%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	8997	35.875	ug/l	# 84
20) Methylene Chloride	4.787	84	23676	6.996	ug/l	# 81
25) 2-Butanone	7.075	43	1057	3.149	ug/l	# 37
31) Cyclohexane	7.863	56	2569	1.662	ug/l	# 58
36) 1,1-Dichloropropene	7.875	75	9454	5.553	ug/l	# 48
38) Carbon Tetrachloride	7.875	117	10871	6.669	ug/l	# 17
76) 1,2,3-Trichloropropane	12.569	75	42763	45.985	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	42763	97.867	ug/l	# 18
95) Naphthalene	15.333	128	8657	2.207	ug/l	# 82

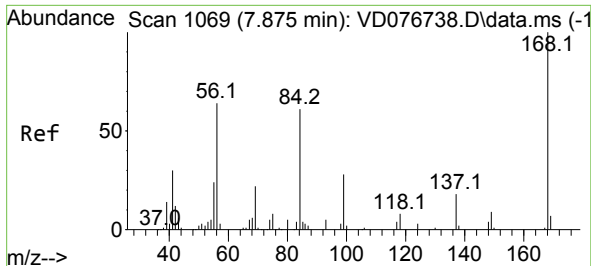
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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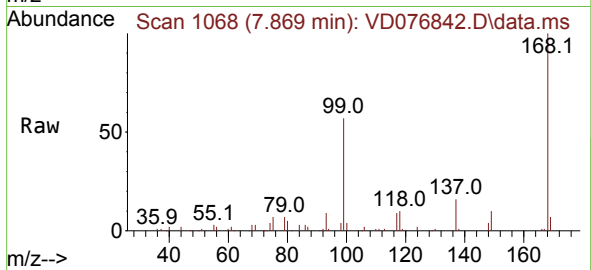
Quant Time: Jul 28 03:00:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration



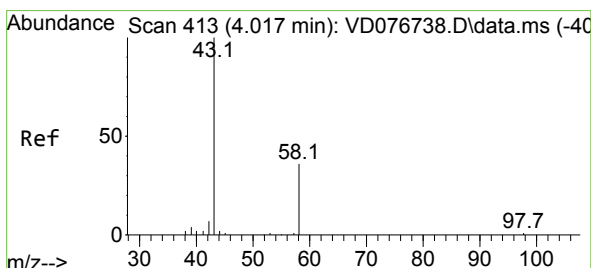
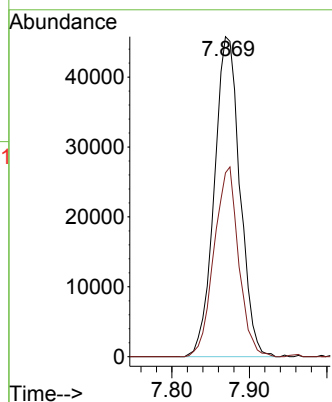
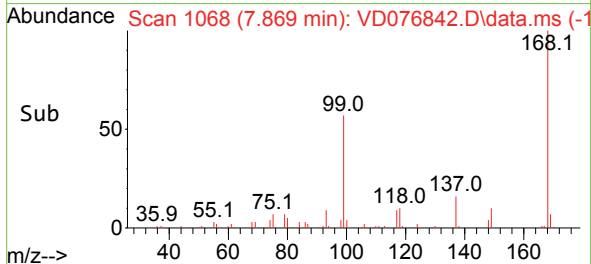


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

Instrument :
MSVOA_D
ClientSampleId :

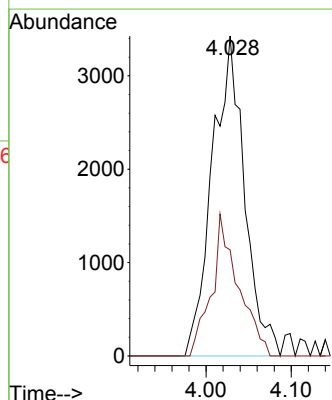
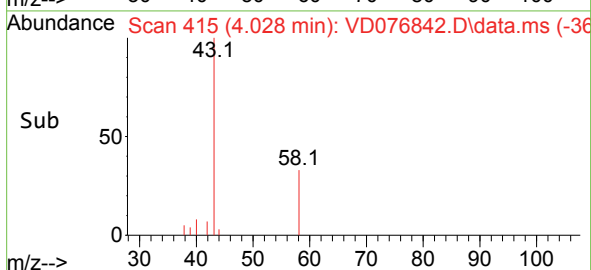
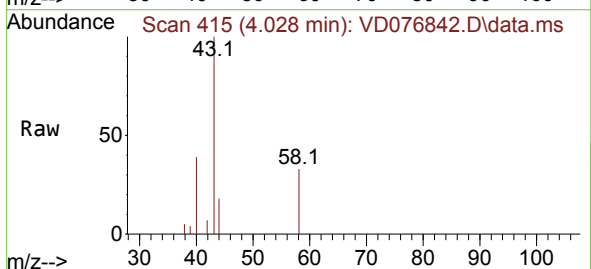


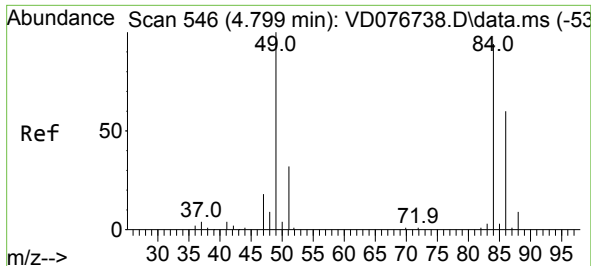
Tgt Ion:168 Resp: 105429
Ion Ratio Lower Upper
168 100
99 57.5 36.7 55.1#



#16
Acetone
Concen: 35.875 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

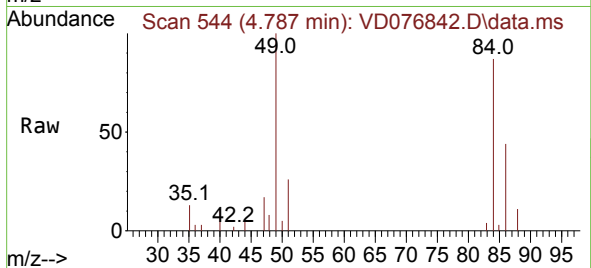
Tgt Ion: 43 Resp: 8997
Ion Ratio Lower Upper
43 100
58 33.1 34.7 52.1#



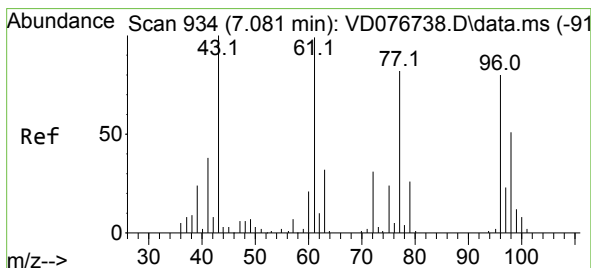
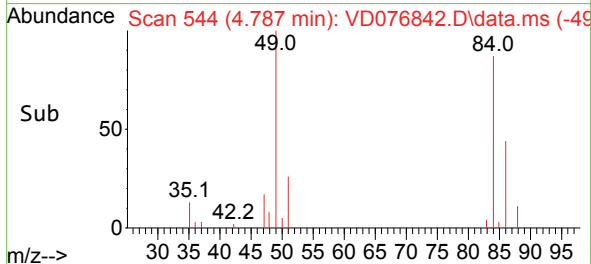
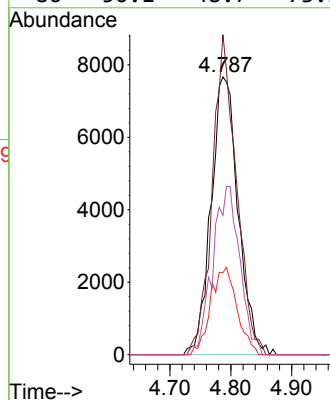


#20
Methylene Chloride
Concen: 6.996 ug/l
RT: 4.787 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

Instrument :
MSVOA_D
ClientSampleId :

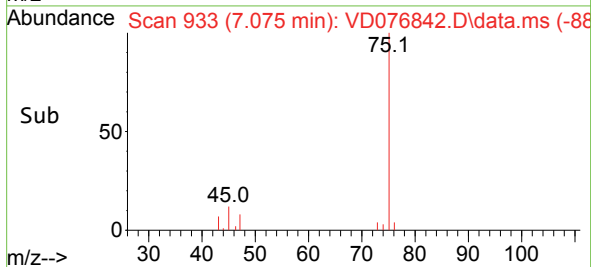
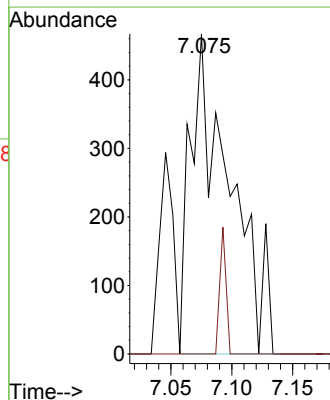
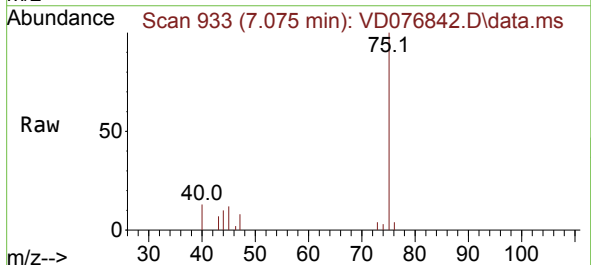


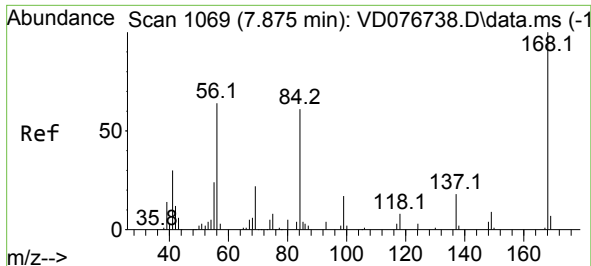
Tgt Ion: 84 Resp: 23676
Ion Ratio Lower Upper
84 100
49 115.2 71.4 107.2#
51 29.5 24.5 36.7
86 50.1 48.7 73.1



#25
2-Butanone
Concen: 3.149 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

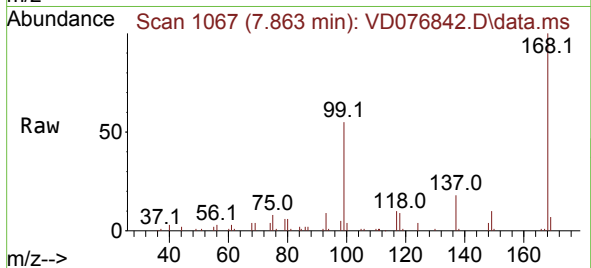
Tgt Ion: 43 Resp: 1057
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



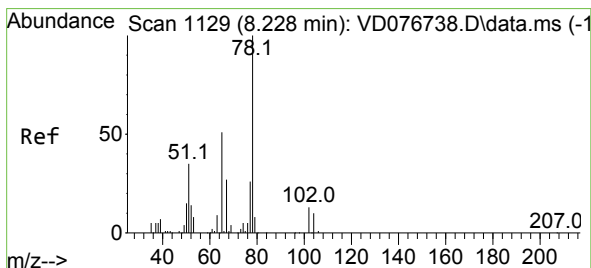
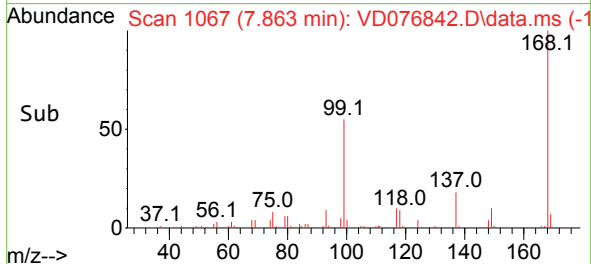
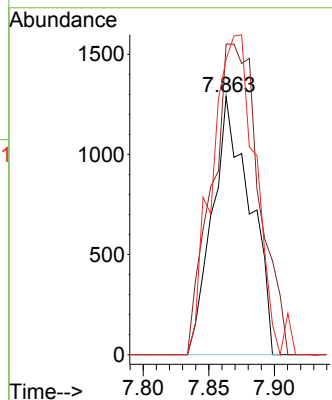


#31
Cyclohexane
Concen: 1.662 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

Instrument :
MSVOA_D
ClientSampleId :

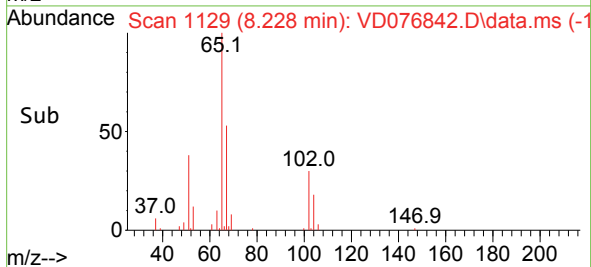
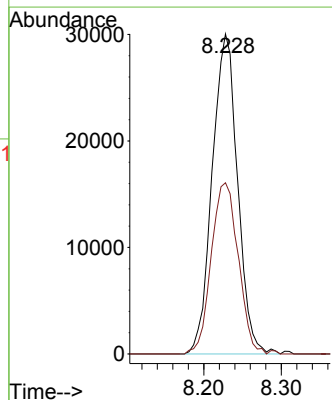
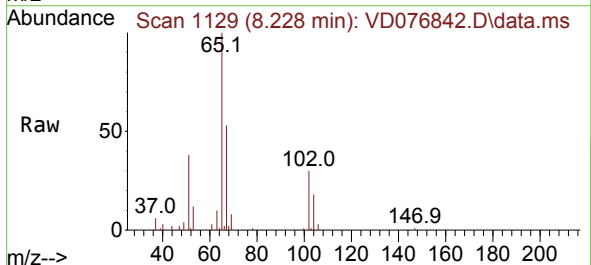


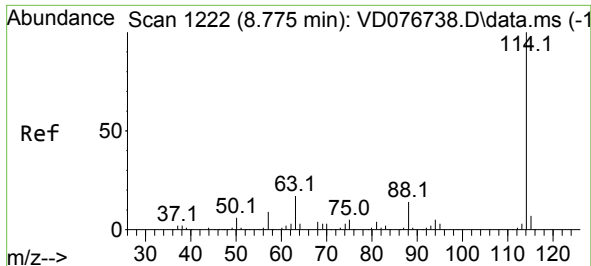
Tgt Ion: 56 Resp: 2569
Ion Ratio Lower Upper
56 100
69 120.3 28.6 43.0#
84 114.4 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 64.969 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

Tgt Ion: 65 Resp: 68224
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: VD076842.D

Acq: 27 Jul 2023 19:04

Instrument :

MSVOA_D

ClientSampleId :

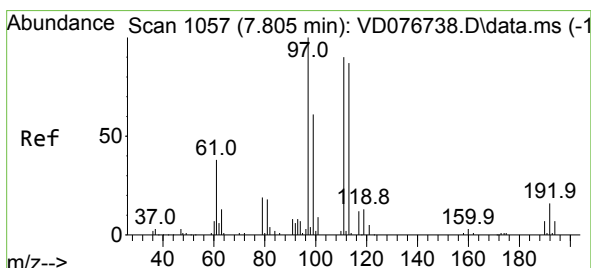
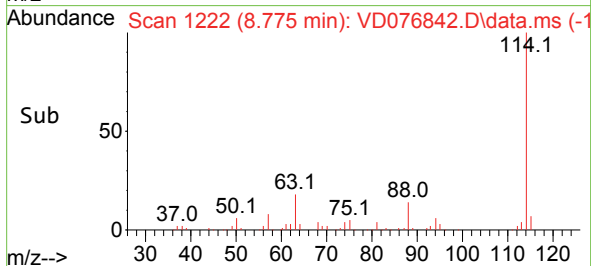
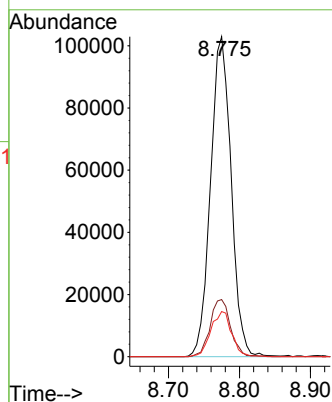
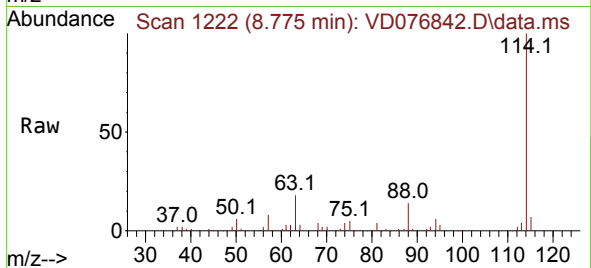
Tgt Ion:114 Resp: 207331

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 54.743 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076842.D

Acq: 27 Jul 2023 19:04

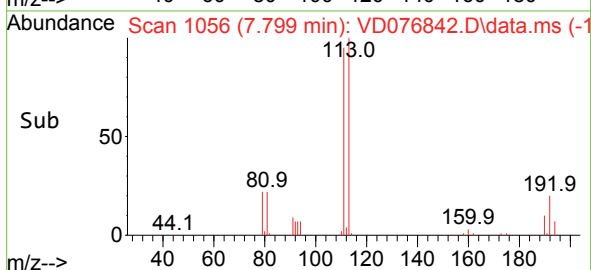
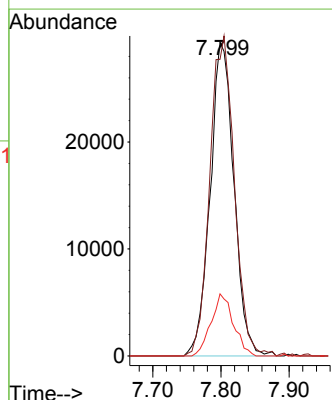
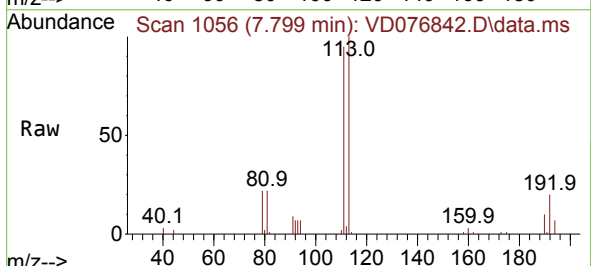
Tgt Ion:113 Resp: 71324

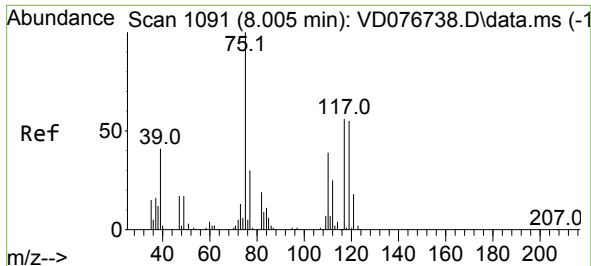
Ion Ratio Lower Upper

113 100

111 105.1 84.7 127.1

192 18.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.553 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

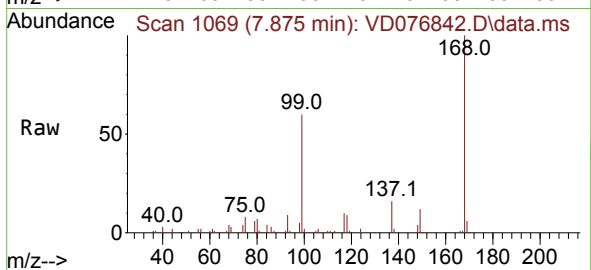
Lab File: VD076842.D

Acq: 27 Jul 2023 19:04

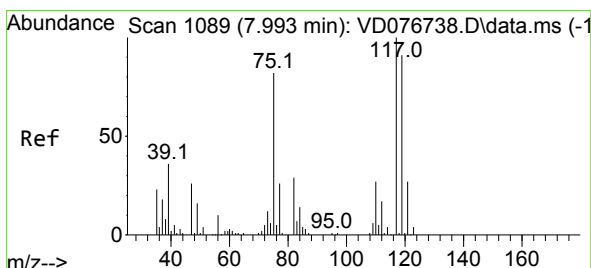
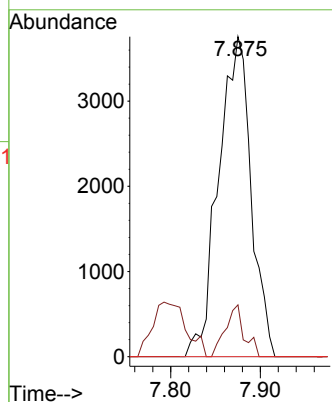
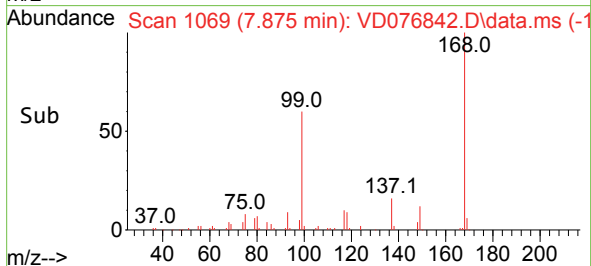
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 9454
Ion Ratio	Lower Upper
75	100
110	9.3 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.669 ug/l

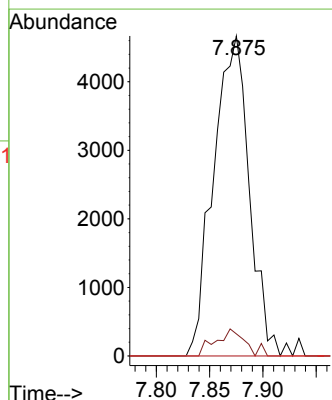
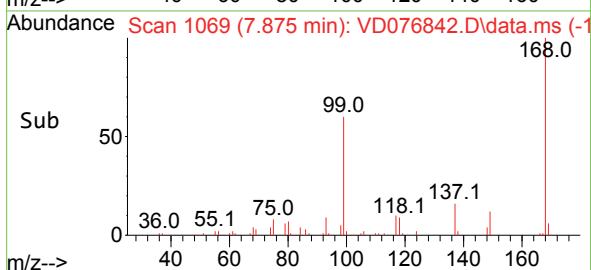
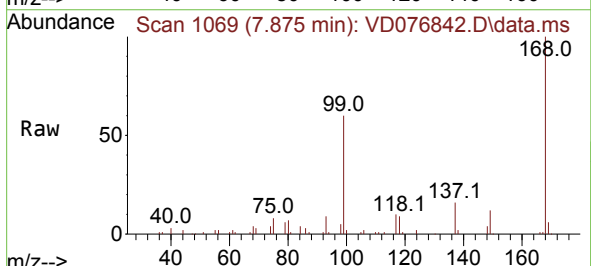
RT: 7.875 min Scan# 1069

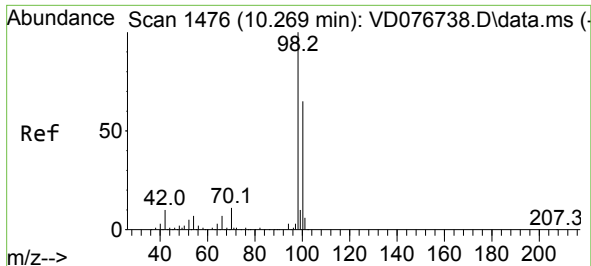
Delta R.T. -0.118 min

Lab File: VD076842.D

Acq: 27 Jul 2023 19:04

Tgt Ion: 117	Resp: 10871
Ion Ratio	Lower Upper
117	100
119	6.9 78.0 117.0#
121	0.0 24.2 36.2#

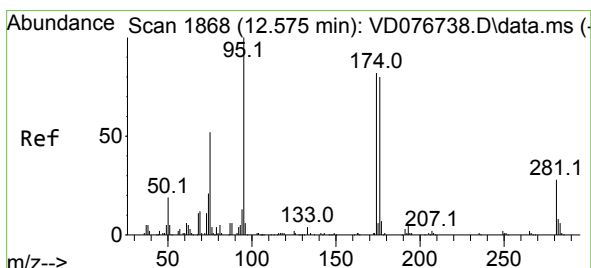
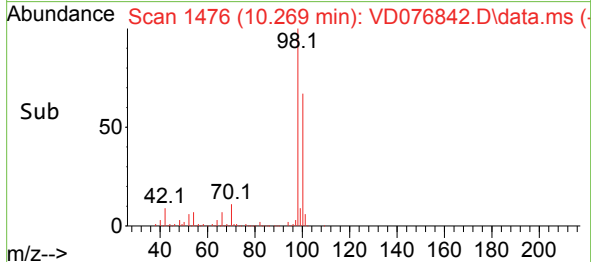
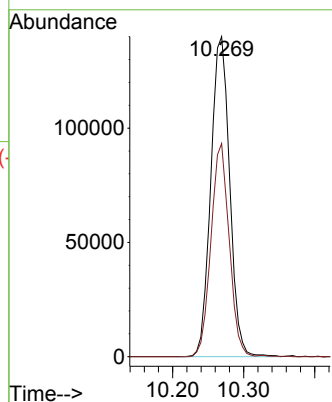
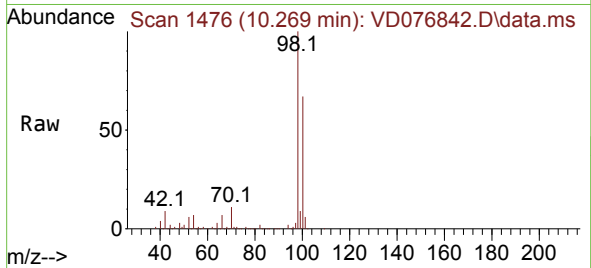




#50
Toluene-d8
Concen: 55.401 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

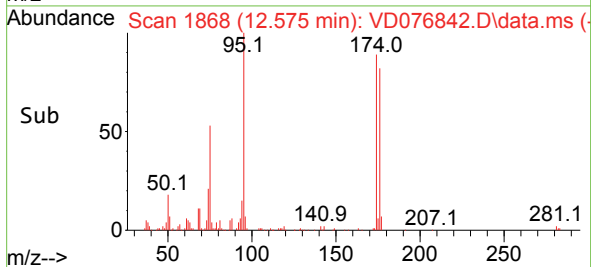
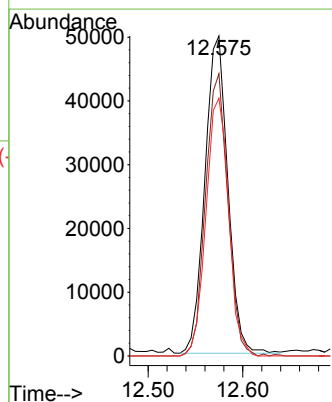
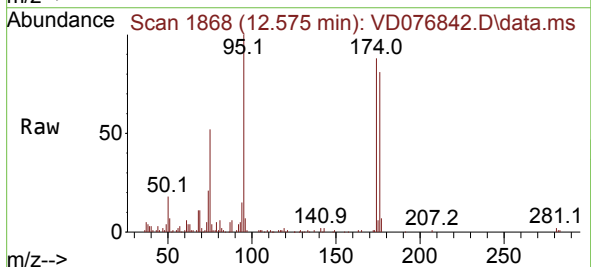
Instrument :
MSVOA_D
ClientSampleId :

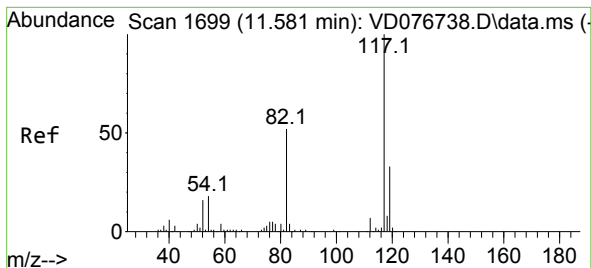
Tgt Ion: 98 Resp: 258220
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.575 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

Tgt Ion: 95 Resp: 83797
Ion Ratio Lower Upper
95 100
174 86.4 0.0 201.8
176 80.5 0.0 191.8

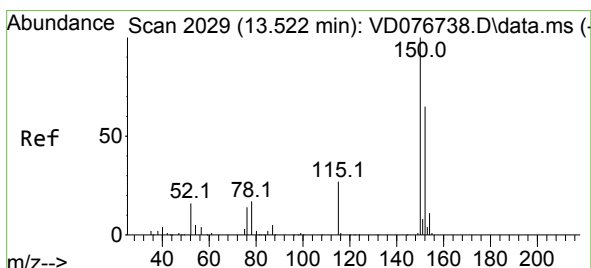
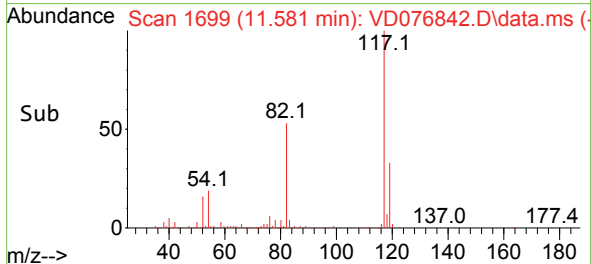
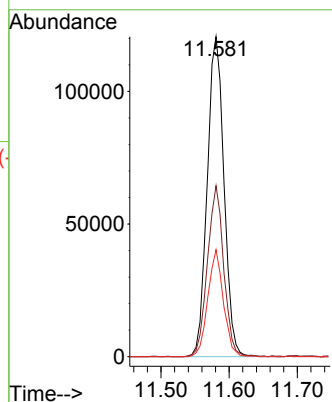
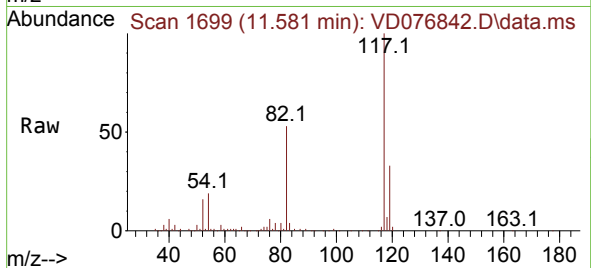




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

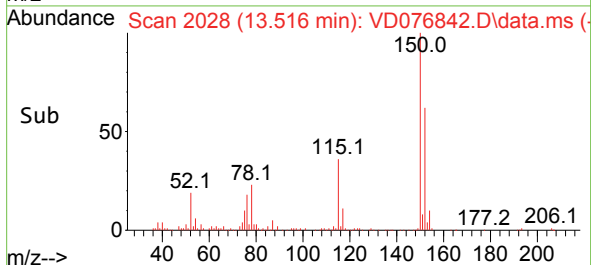
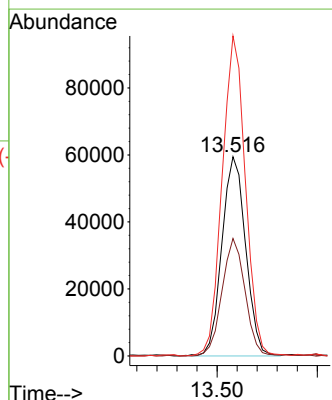
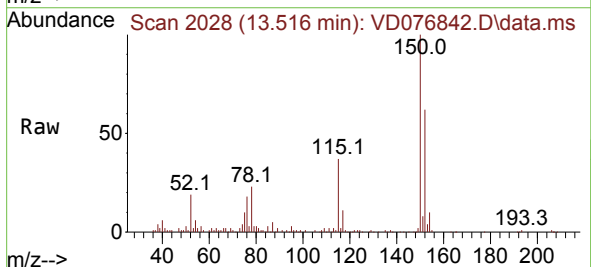
Instrument :
MSVOA_D
ClientSampleId :

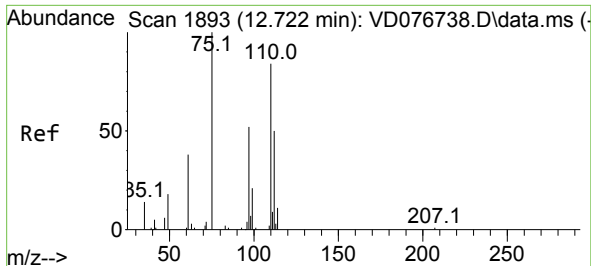
Tgt Ion:117 Resp: 206191
Ion Ratio Lower Upper
117 100
82 53.4 38.3 57.5
119 33.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

Tgt Ion:152 Resp: 97787
Ion Ratio Lower Upper
152 100
115 57.6 27.1 81.3
150 157.0 0.0 353.6

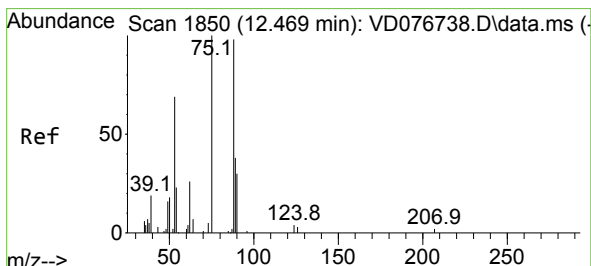
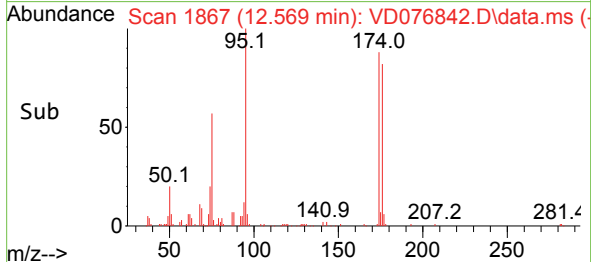
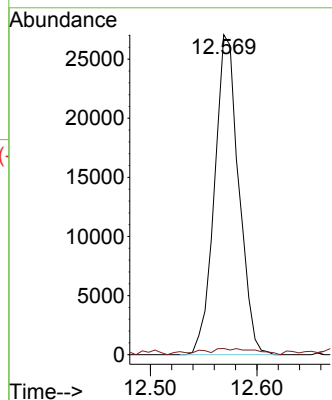
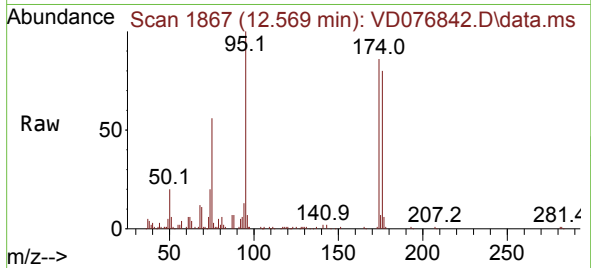




#76
1,2,3-Trichloropropane
Concen: 45.985 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

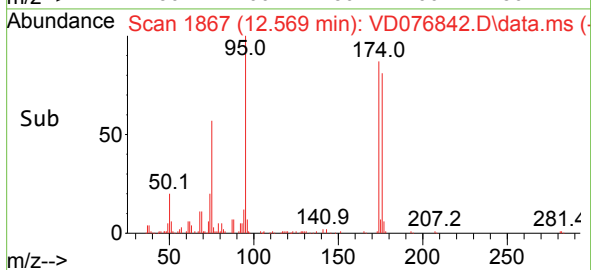
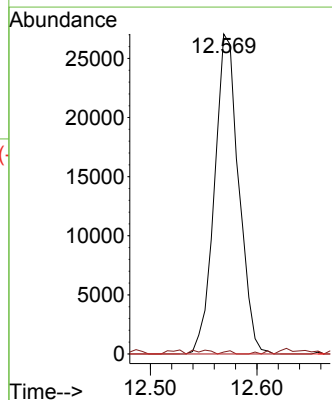
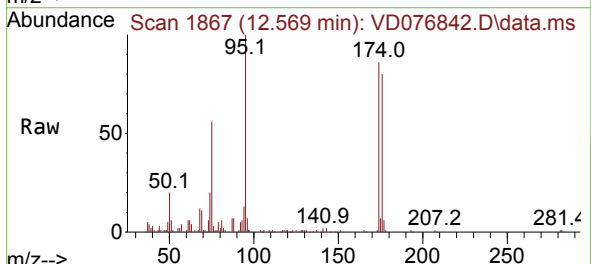
Instrument :
MSVOA_D
ClientSampleId :

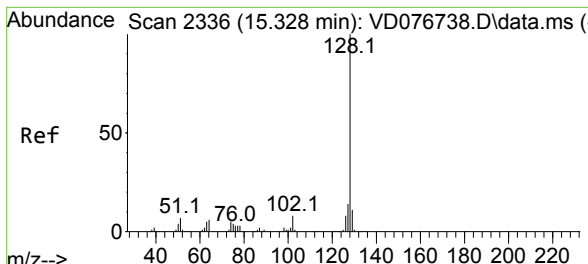
Tgt Ion: 75 Resp: 42763
Ion Ratio Lower Upper
75 100
77 4.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.867 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076842.D
Acq: 27 Jul 2023 19:04

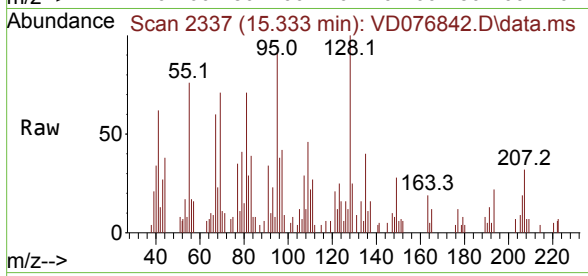
Tgt Ion: 75 Resp: 42763
Ion Ratio Lower Upper
75 100
53 0.4 63.0 94.4#
89 0.0 37.9 56.9#





#95
 Naphthalene
 Concen: 2.207 ug/l
 RT: 15.333 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VD076842.D
 Acq: 27 Jul 2023 19:04

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:128 Resp: 8657

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.5	15.7
129	24.7	8.7	13.1#

