

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076357.D
 Acq On : 07 Jun 2023 16:49
 Operator : KP/SY
 Sample : 03032-01RE
 Misc : 5.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-20-0A

Quant Time: Jun 08 01:18:48 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)

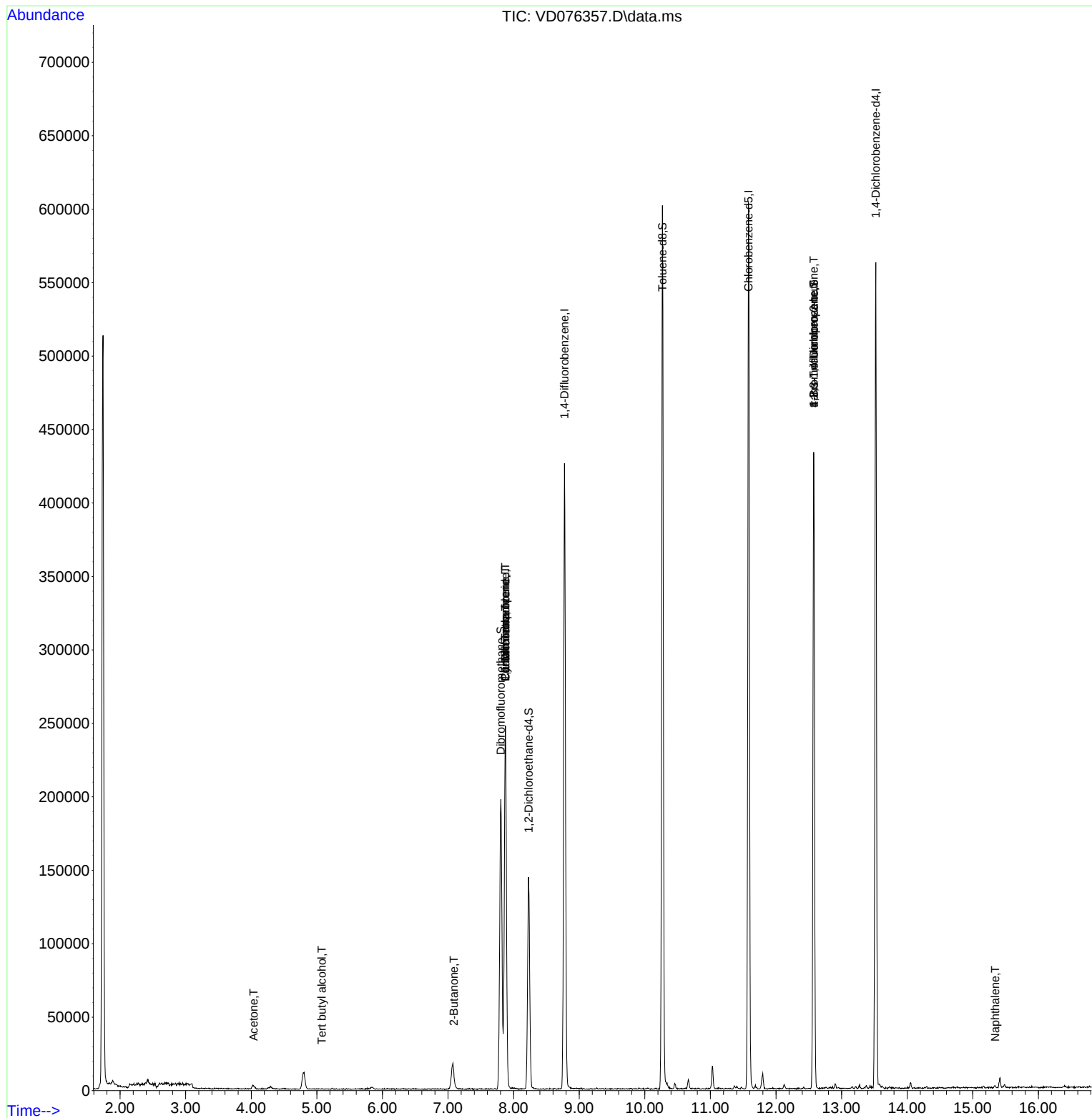
Internal Standards						
1) Pentafluorobenzene	7.875	168	210848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	399747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	384827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	167261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	107933	57.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.260%
35) Dibromofluoromethane	7.805	113	146864	57.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.720%
50) Toluene-d8	10.269	98	424733	42.030	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.060%
62) 4-Bromofluorobenzene	12.575	95	130660	48.857	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.720%
Target Compounds						
11) Tert butyl alcohol	5.075	59	125	1.184	ug/l #	73
16) Acetone	4.034	43	4682	13.531	ug/l	96
20) Methylene Chloride	4.799	84	10698	Below Cal	#	86
25) 2-Butanone	7.087	43	1375	2.870	ug/l #	79
31) Cyclohexane	7.875	56	3931	1.239	ug/l #	22
36) 1,1-Dichloropropene	7.875	75	14905	4.087	ug/l #	46
38) Carbon Tetrachloride	7.875	117	17037	5.330	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	65466	41.930	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	65466	100.425	ug/l #	17
95) Naphthalene	15.339	128	1979	3.602	ug/l #	85

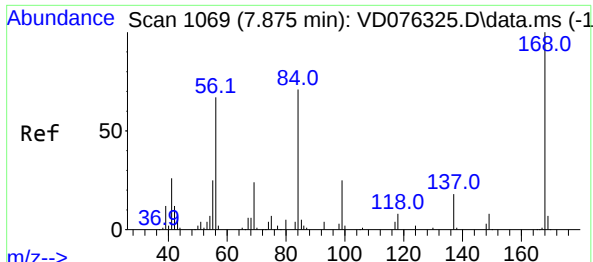
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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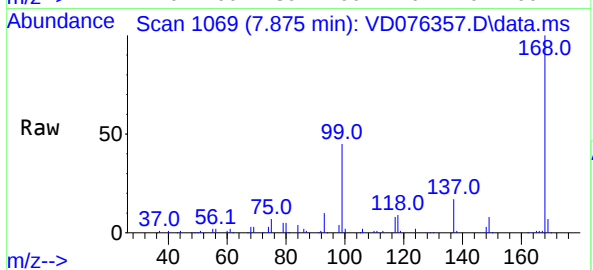
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration



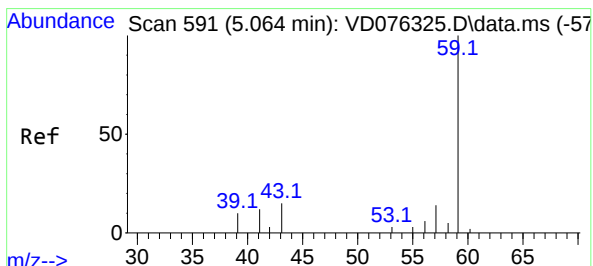
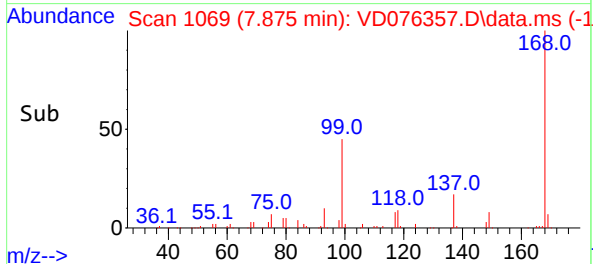
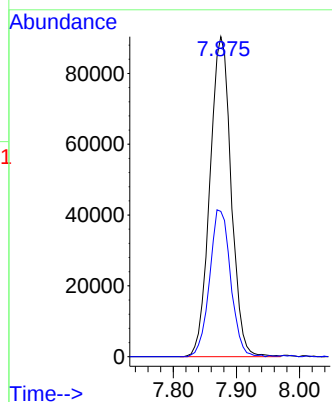


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

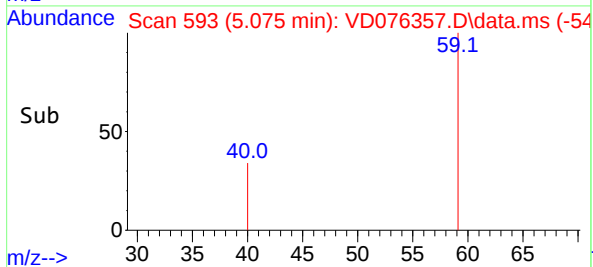
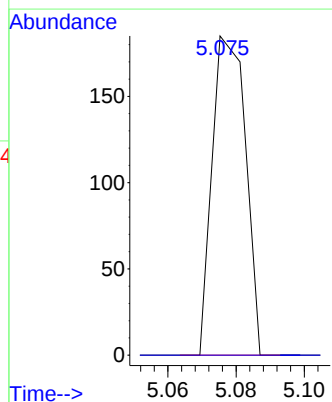
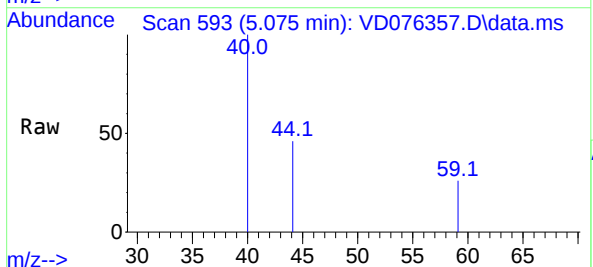


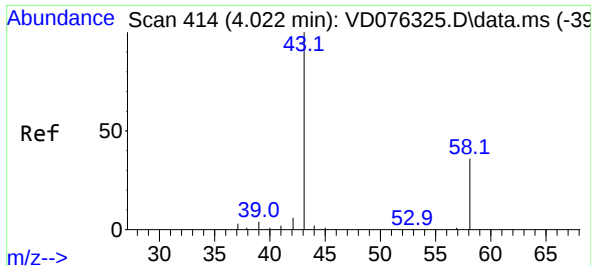
Tgt Ion:168 Resp: 210848
Ion Ratio Lower Upper
168 100
99 45.4 36.7 55.1



#11
Tert butyl alcohol
Concen: 1.184 ug/l
RT: 5.075 min Scan# 593
Delta R.T. 0.012 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

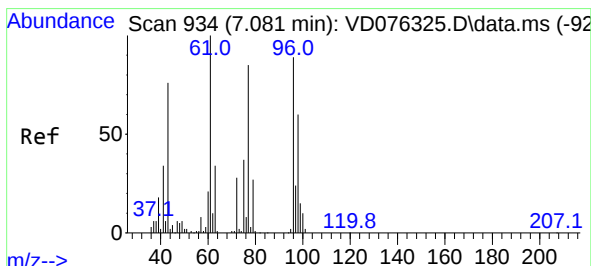
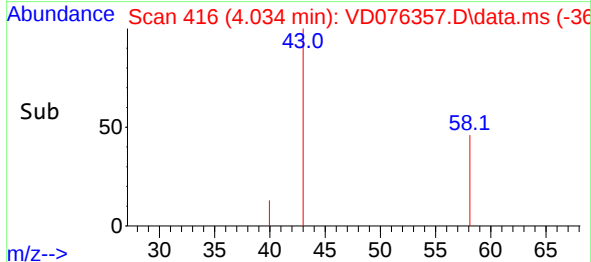
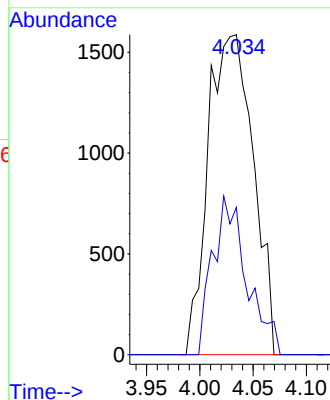
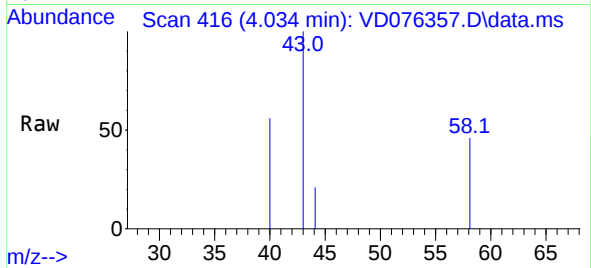




#16
Acetone
Concen: 13.531 ug/l
RT: 4.034 min Scan# 414
Delta R.T. 0.012 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

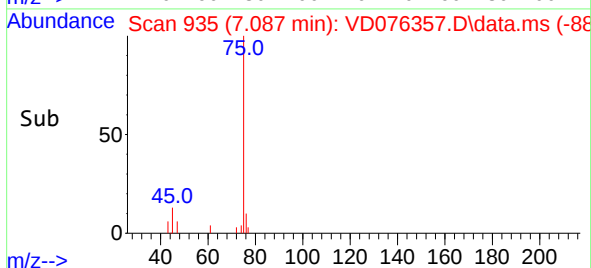
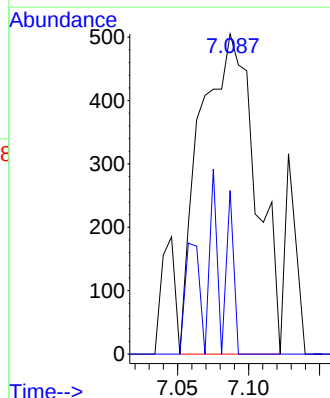
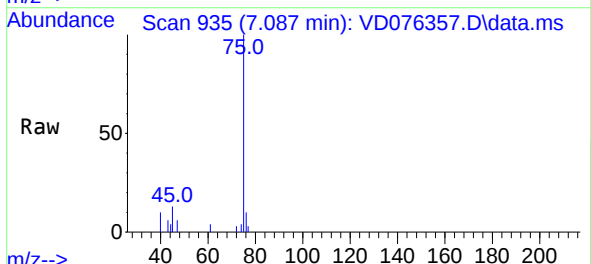
Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

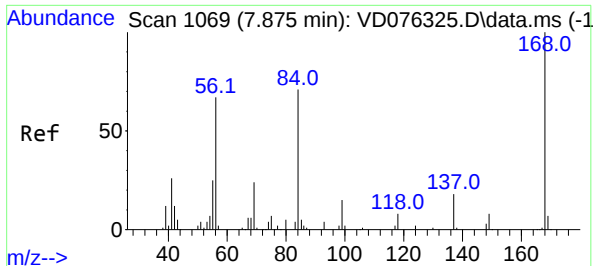
Tgt Ion: 43 Resp: 4682
Ion Ratio Lower Upper
43 100
58 46.1 34.7 52.1



#25
2-Butanone
Concen: 2.870 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

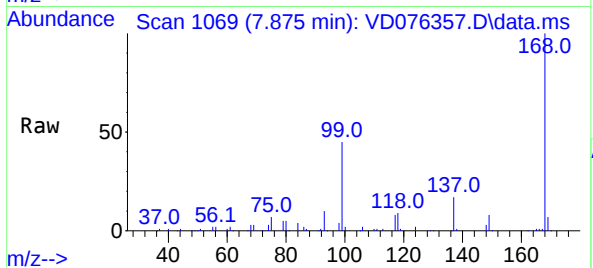
Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
72 51.1 30.7 46.1#



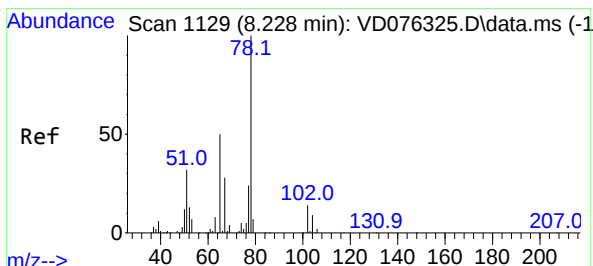
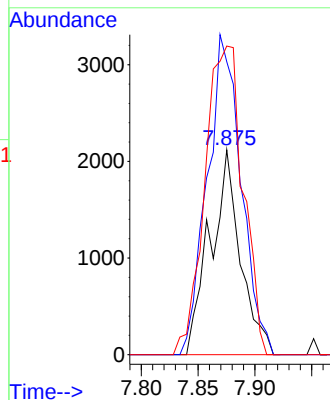
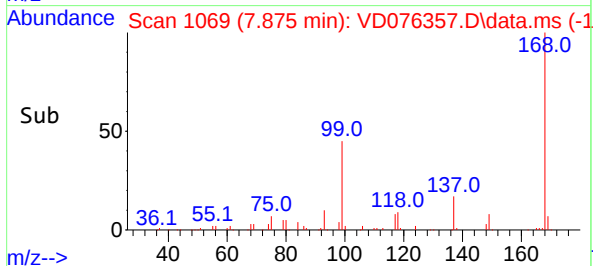


#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

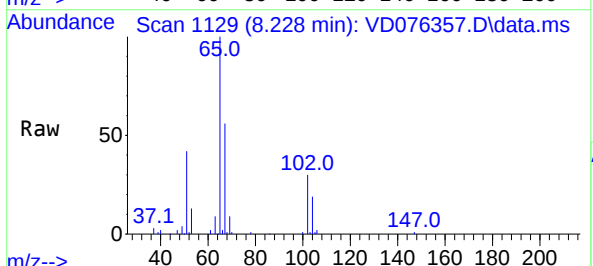
Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A



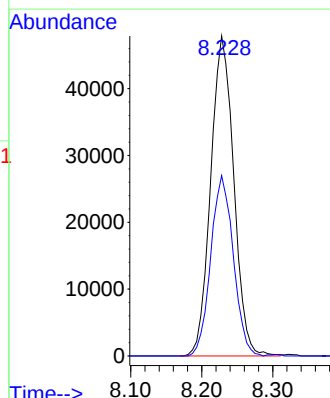
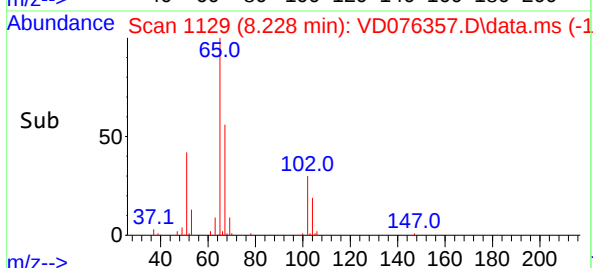
Tgt Ion: 56 Resp: 3931
Ion Ratio Lower Upper
56 100
69 143.0 28.6 43.0#
84 150.6 84.8 127.2#

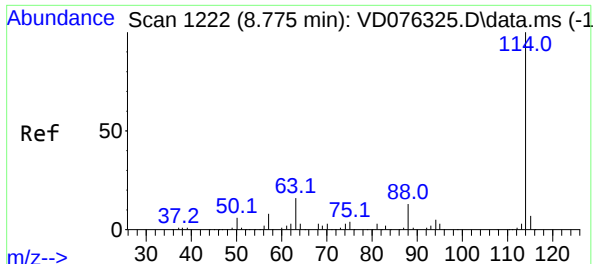


#33
1,2-Dichloroethane-d4
Concen: 57.132 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49



Tgt Ion: 65 Resp: 107933
Ion Ratio Lower Upper
65 100
67 55.0 0.0 115.0

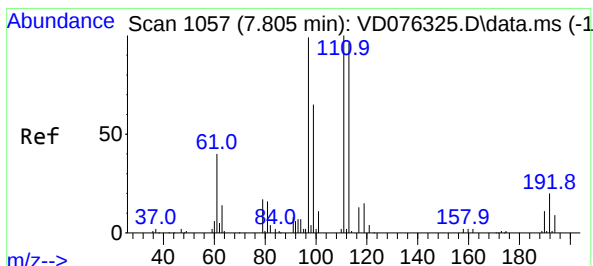
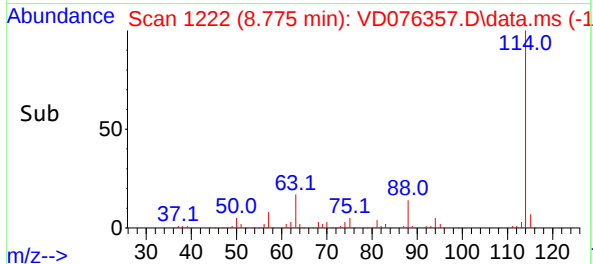
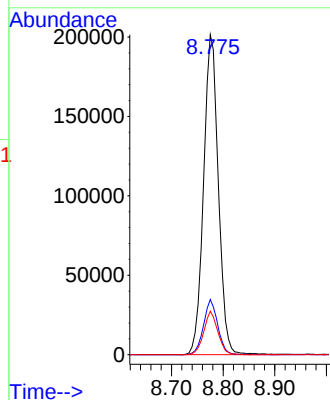
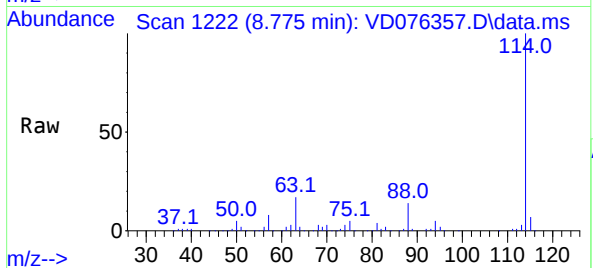




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

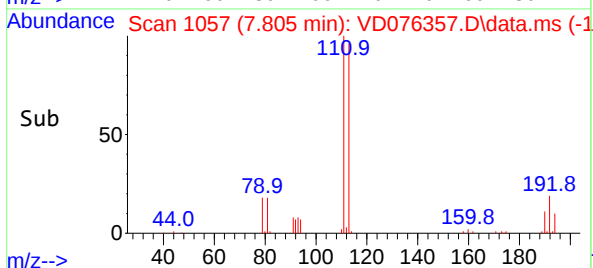
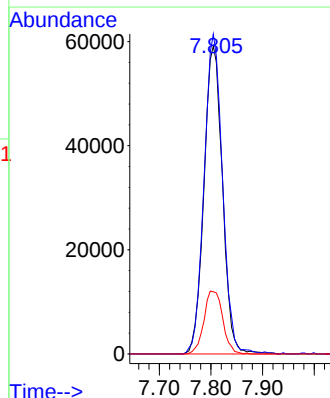
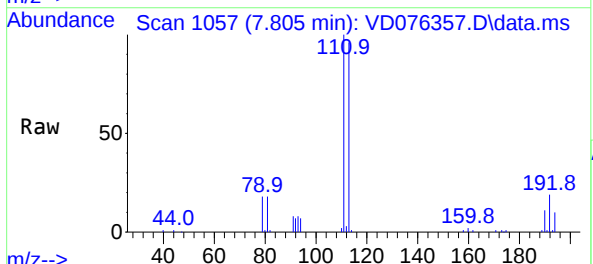
Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

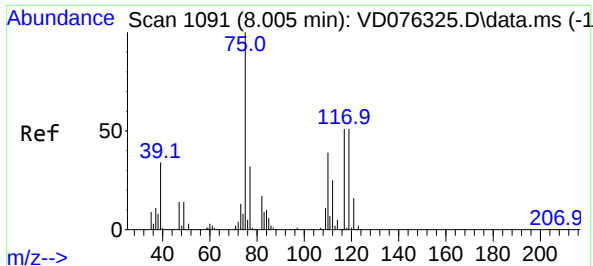
Tgt Ion:114 Resp: 399747
Ion Ratio Lower Upper
114 100
63 17.2 0.0 33.4
88 13.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 57.863 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Tgt Ion:113 Resp: 146864
Ion Ratio Lower Upper
113 100
111 103.3 84.7 127.1
192 20.8 16.8 25.2

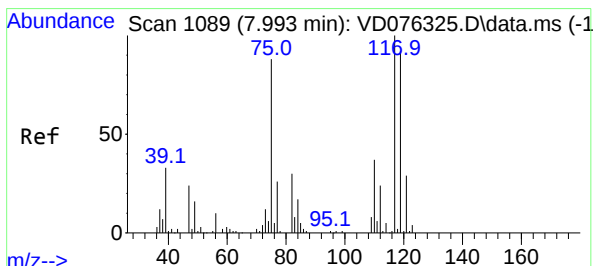
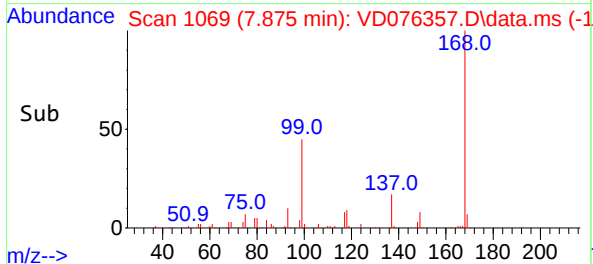
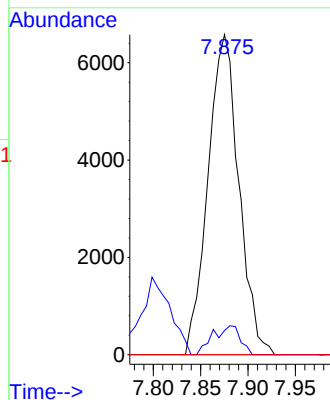
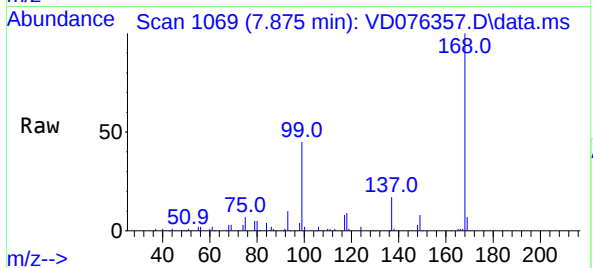




#36
1,1-Dichloropropene
Concen: 4.087 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

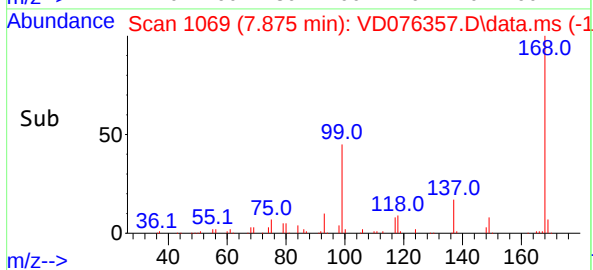
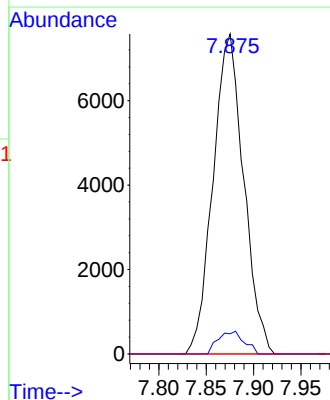
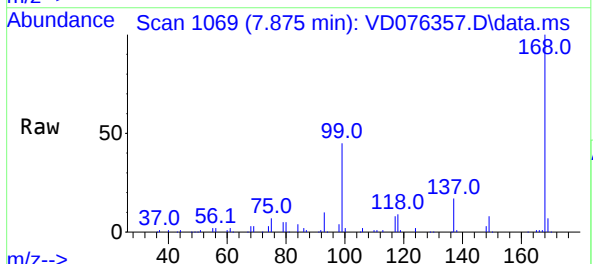
Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

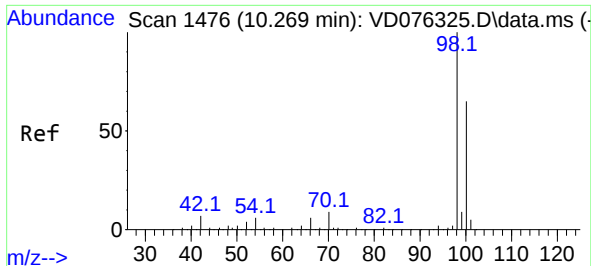
Tgt Ion: 75 Resp: 14905
Ion Ratio Lower Upper
75 100
110 8.0 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.330 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Tgt Ion: 117 Resp: 17037
Ion Ratio Lower Upper
117 100
119 6.3 78.0 117.0#
121 0.0 24.2 36.2#

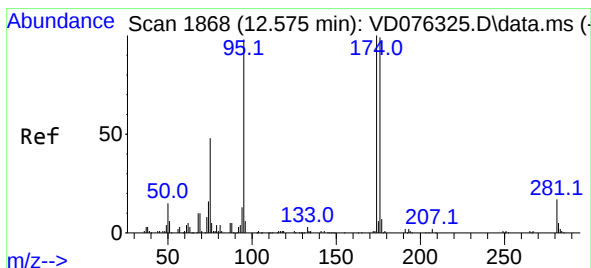
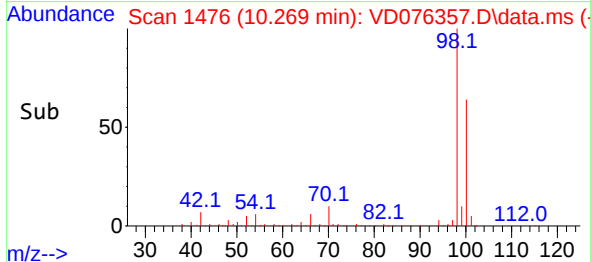
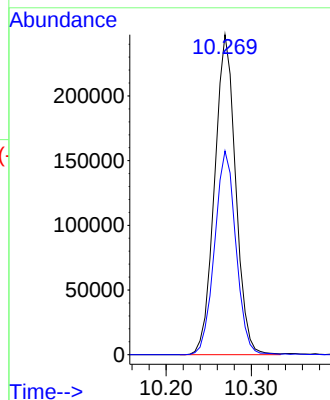
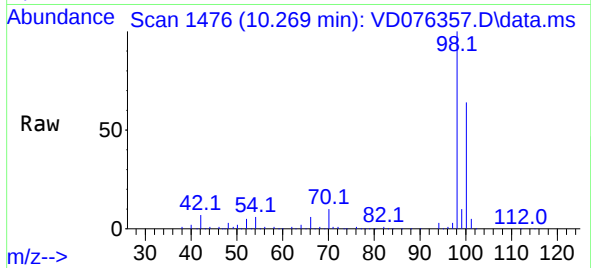




#50
Toluene-d8
Concen: 42.030 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

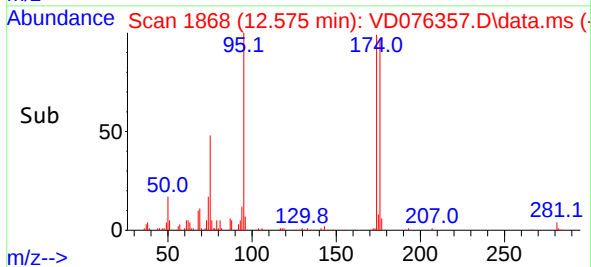
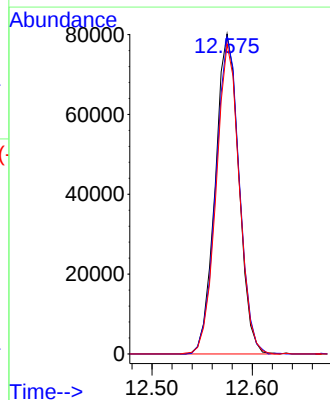
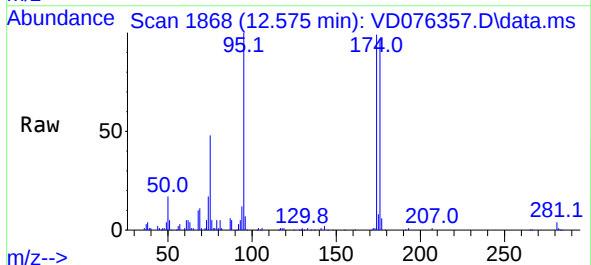
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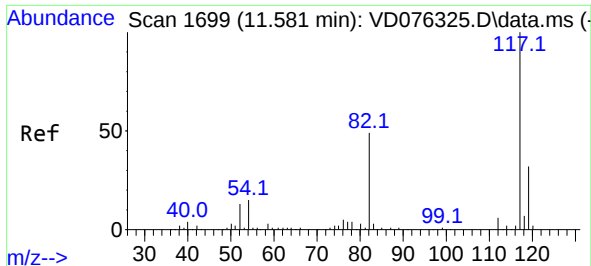
Tgt Ion: 98 Resp: 424733
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.857 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Tgt Ion: 95 Resp: 130660
Ion Ratio Lower Upper
95 100
174 98.5 0.0 201.8
176 95.0 0.0 191.8

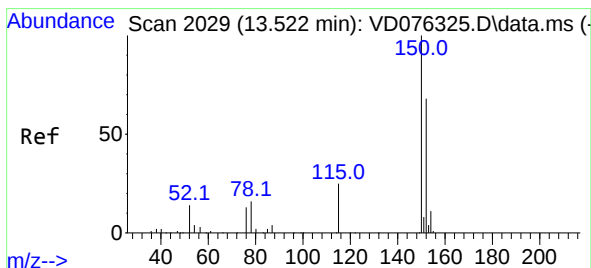
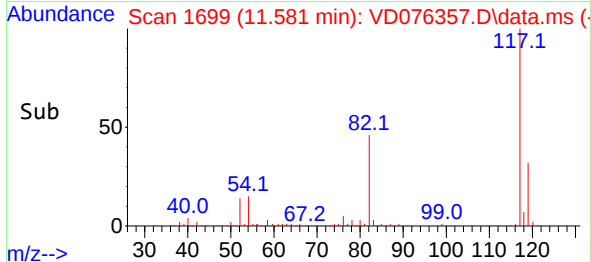
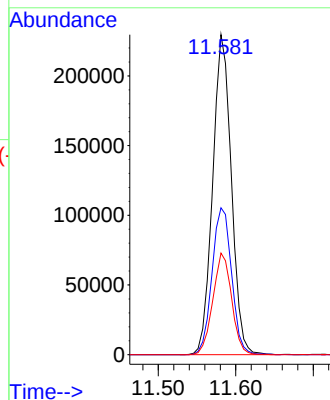
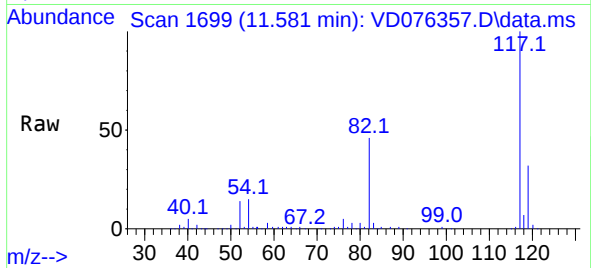




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

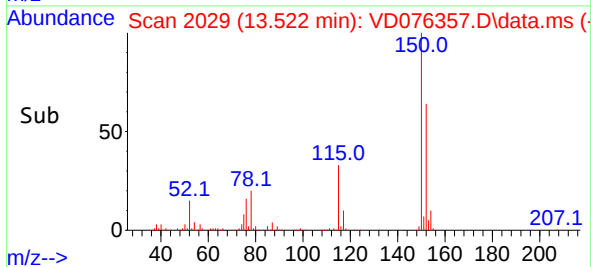
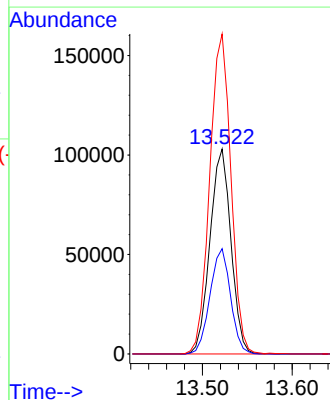
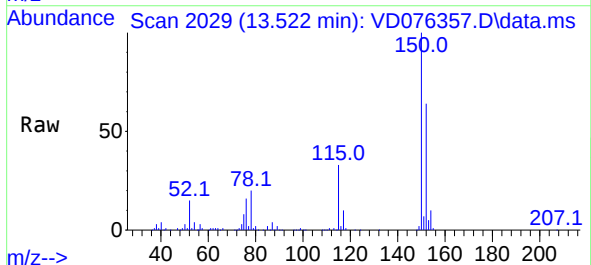
Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

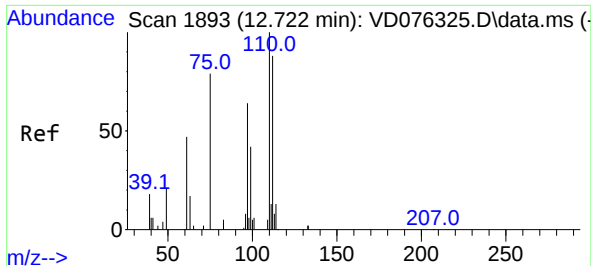
Tgt Ion:117 Resp: 384827
Ion Ratio Lower Upper
117 100
82 45.9 38.3 57.5
119 31.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Tgt Ion:152 Resp: 167261
Ion Ratio Lower Upper
152 100
115 50.3 27.1 81.3
150 157.7 0.0 353.6

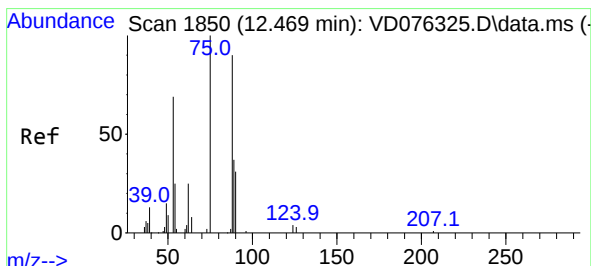
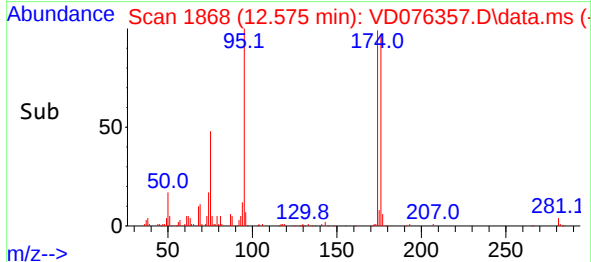
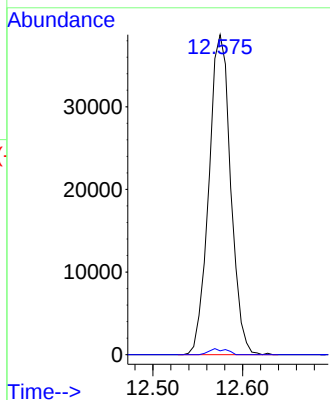
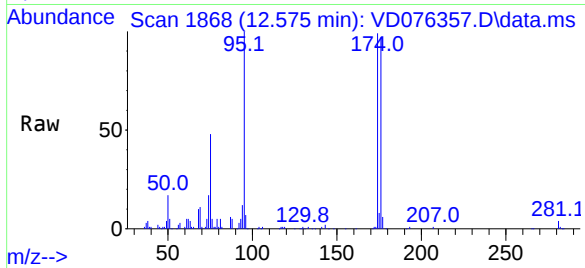




#76
1,2,3-Trichloropropane
Concen: 41.930 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

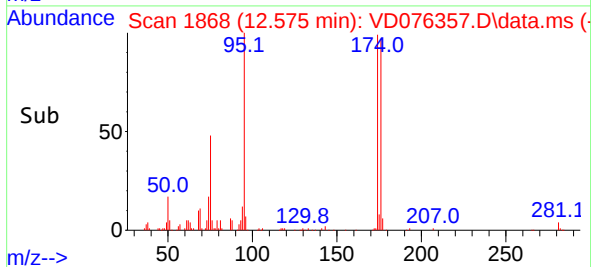
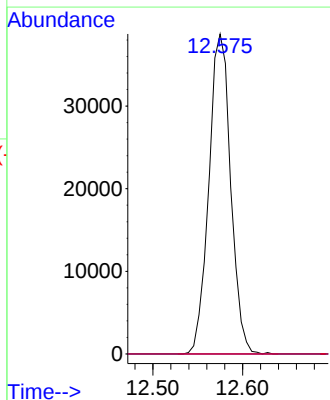
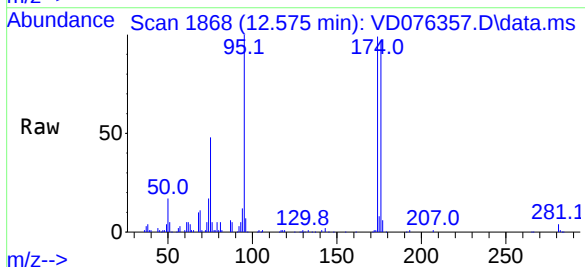
Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A

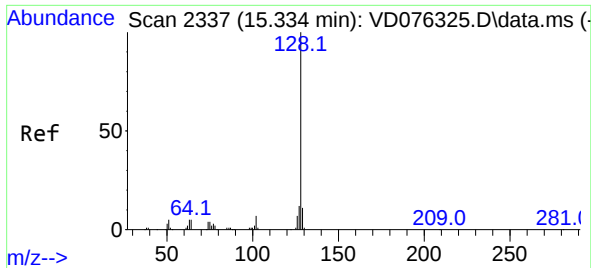
Tgt Ion: 75 Resp: 65466
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.425 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

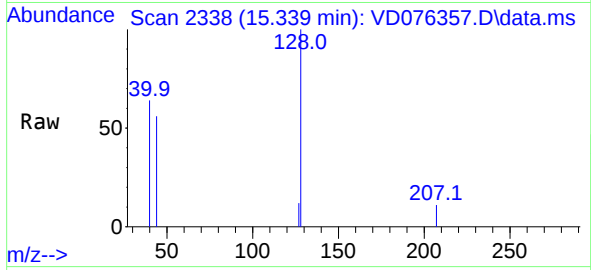
Tgt Ion: 75 Resp: 65466
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.602 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD076357.D
Acq: 07 Jun 2023 16:49

Instrument :
MSVOA_D
ClientSampleId :
TP-20-0A



Tgt Ion:	128	Resp:	1979
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.5	15.7
129	0.0	8.7	13.1

