

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076341.D
 Acq On : 06 Jun 2023 15:31
 Operator : KP/SY
 Sample : 02913-04
 Misc : 5.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8-0A

Quant Time: Jun 07 06:11:13 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)

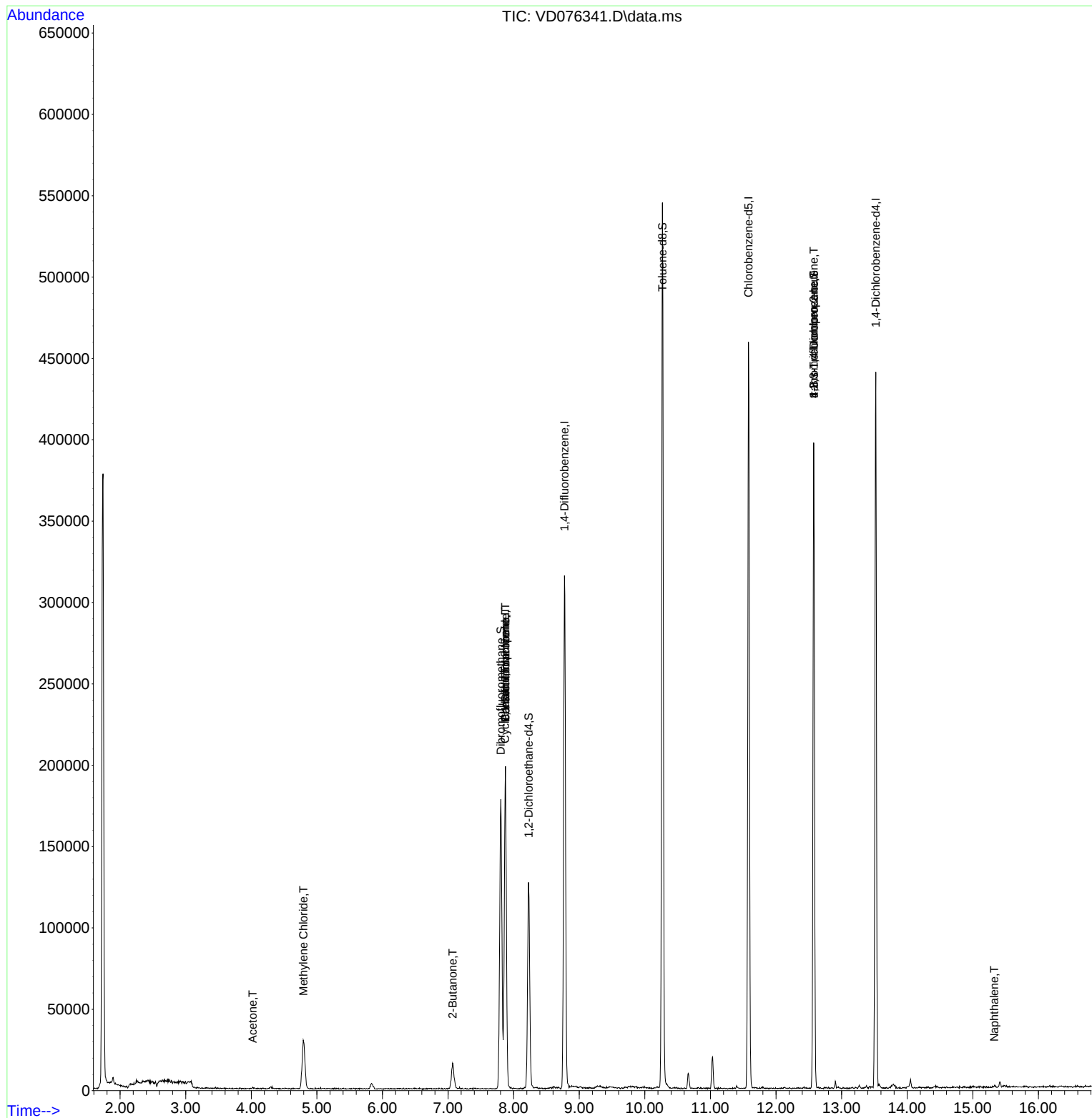
Internal Standards						
1) Pentafluorobenzene	7.875	168	162921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	309839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	290647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	129208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97246	66.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.240%	
35) Dibromofluoromethane	7.804	113	130790	66.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.960%	
50) Toluene-d8	10.269	98	393783	50.274	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.575	95	116320	56.116	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.240%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	551	2.061	ug/l #	83
20) Methylene Chloride	4.793	84	26173	8.015	ug/l	87
25) 2-Butanone	7.069	43	623	1.683	ug/l #	37
31) Cyclohexane	7.869	56	2766	1.129	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	11851	4.193	ug/l #	47
38) Carbon Tetrachloride	7.875	117	13405	5.410	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	57742	47.875	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	57742	114.663	ug/l #	17
95) Naphthalene	15.328	128	1333	3.562	ug/l #	69

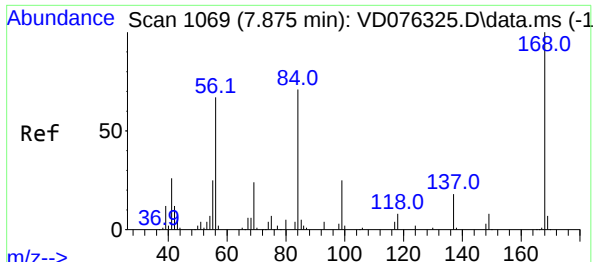
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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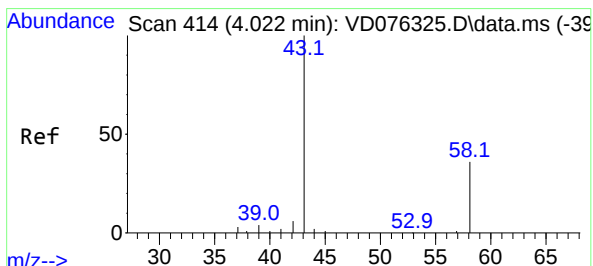
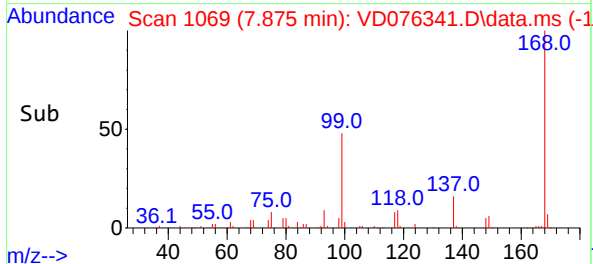
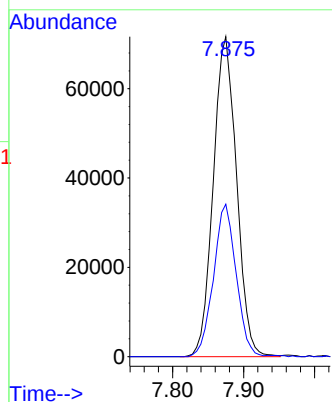
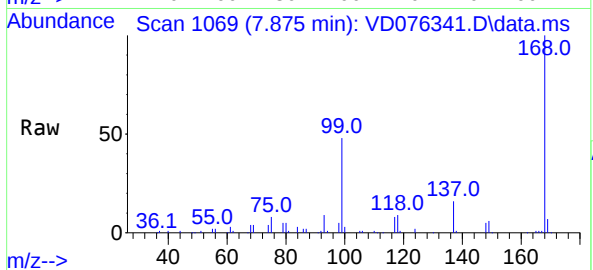




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

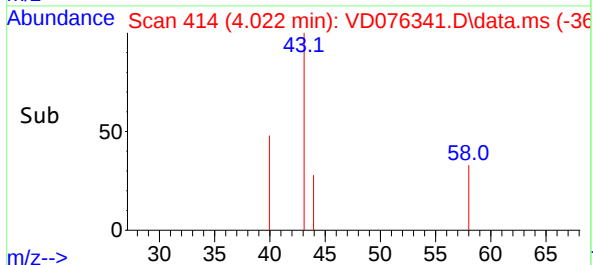
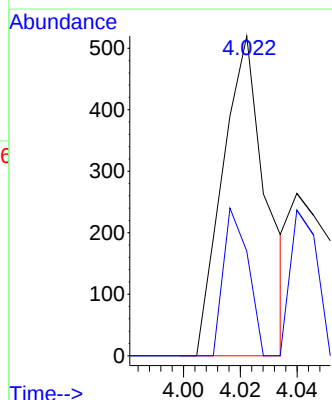
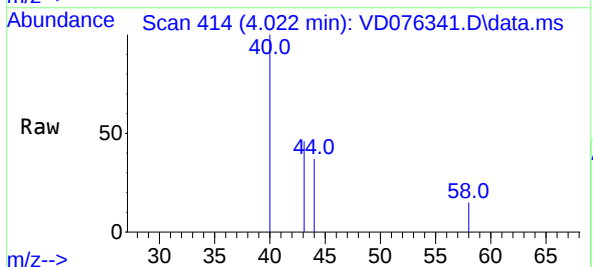
Instrument :
MSVOA_D
ClientSampleId :
TP-8-0A

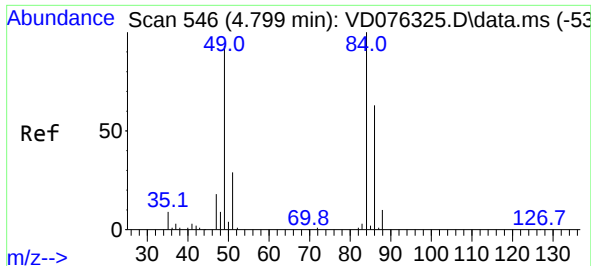
Tgt Ion:168 Resp: 162921
Ion Ratio Lower Upper
168 100
99 47.6 36.7 55.1



#16
Acetone
Concen: 2.061 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

Tgt Ion: 43 Resp: 551
Ion Ratio Lower Upper
43 100
58 32.7 34.7 52.1#



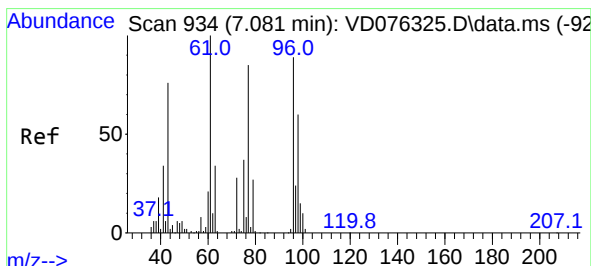
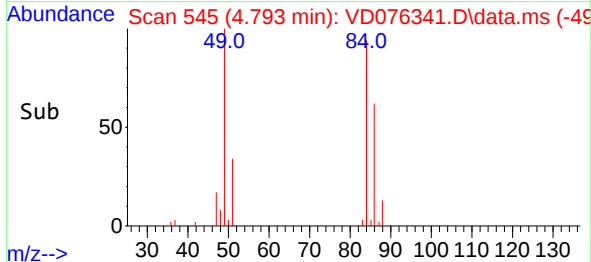
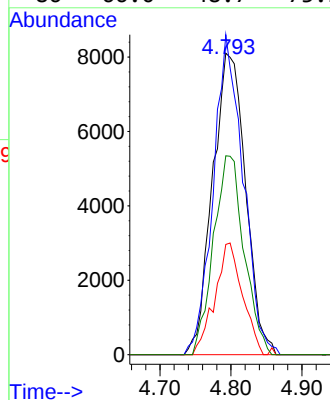
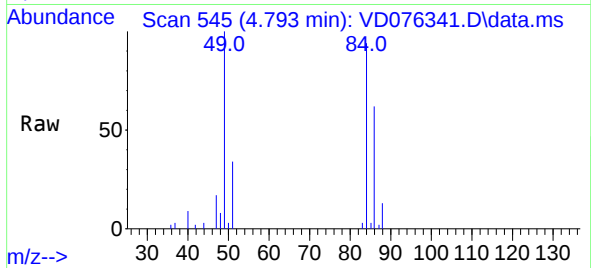


#20
Methylene Chloride
Concen: 8.015 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
TP-8-0A

Tgt Ion: 84 Resp: 26173

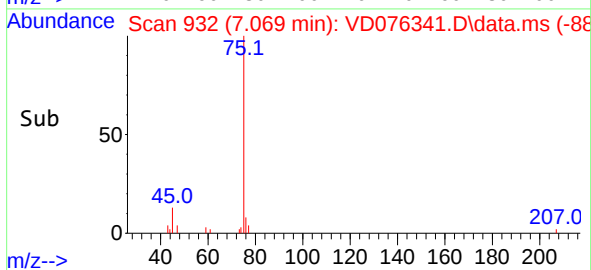
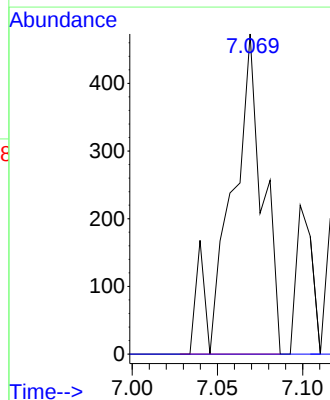
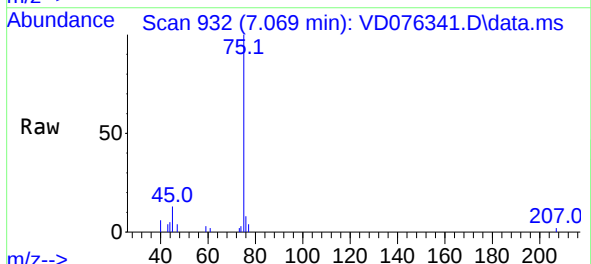
Ion	Ratio	Lower	Upper
84	100		
49	106.2	71.4	107.2
51	36.6	24.5	36.7
86	66.0	48.7	73.1

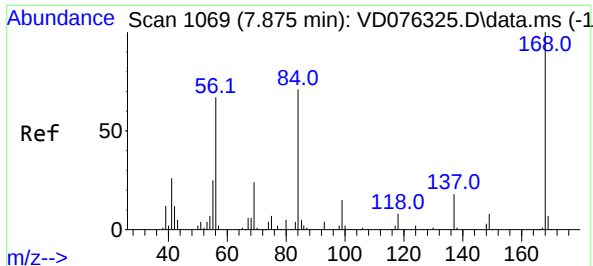


#25
2-Butanone
Concen: 1.683 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

Tgt Ion: 43 Resp: 623

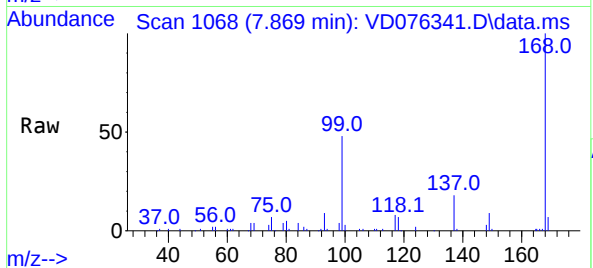
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



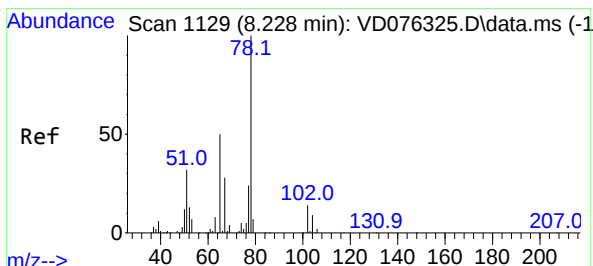
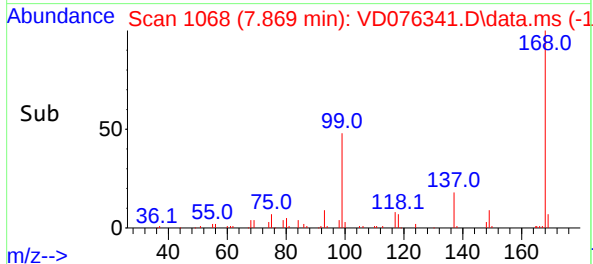
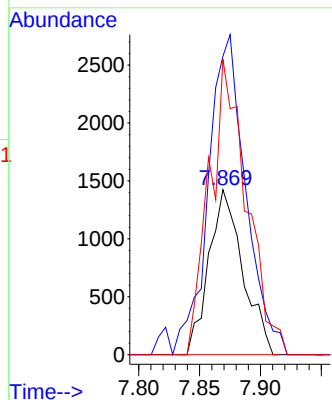


#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
TP-8-0A

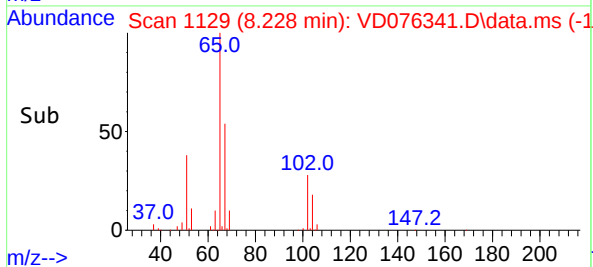
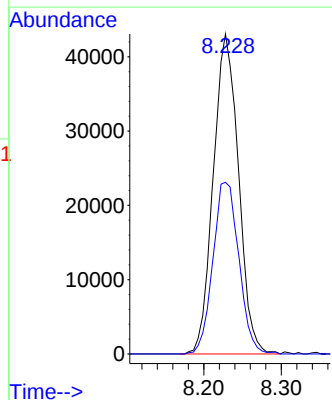
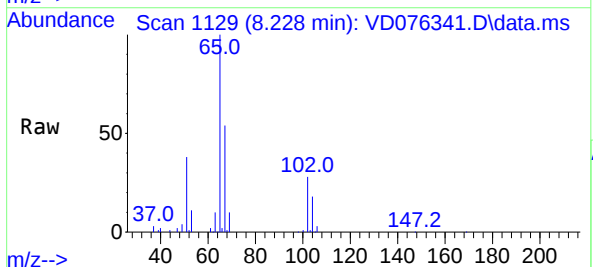


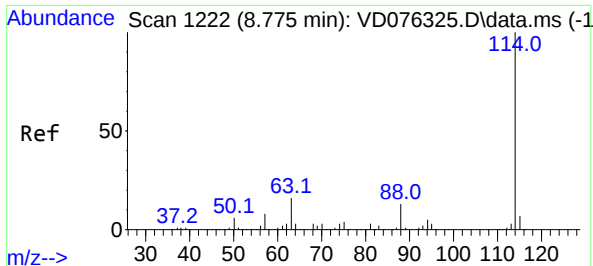
Tgt Ion: 56 Resp: 2766
Ion Ratio Lower Upper
56 100
69 167.6 28.6 43.0#
84 179.1 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 66.618 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

Tgt Ion: 65 Resp: 97246
Ion Ratio Lower Upper
65 100
67 55.3 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: VD076341.D

Acq: 06 Jun 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

TP-8-0A

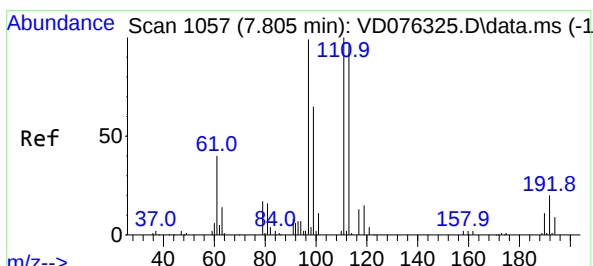
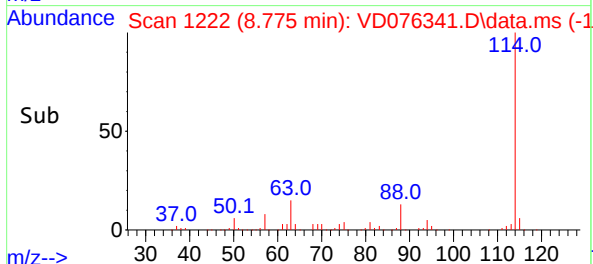
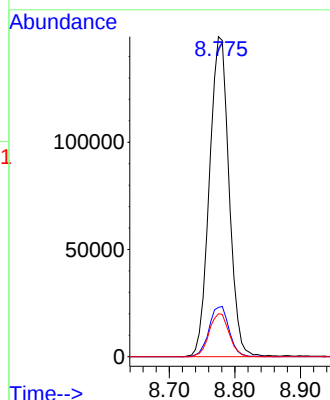
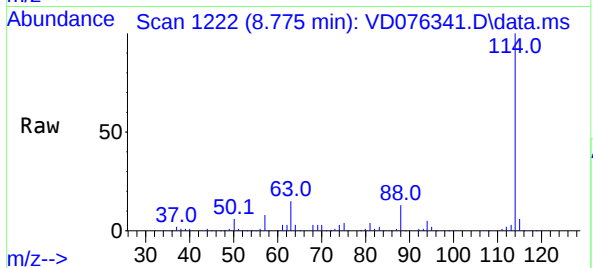
Tgt Ion:114 Resp: 309839

Ion Ratio Lower Upper

114 100

63 15.4 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 66.483 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076341.D

Acq: 06 Jun 2023 15:31

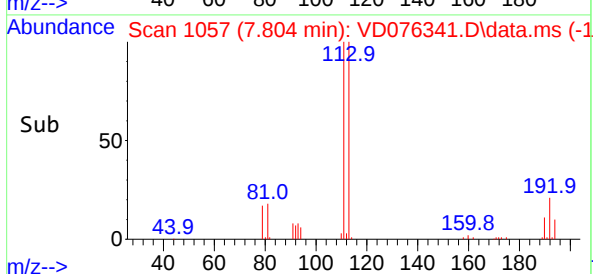
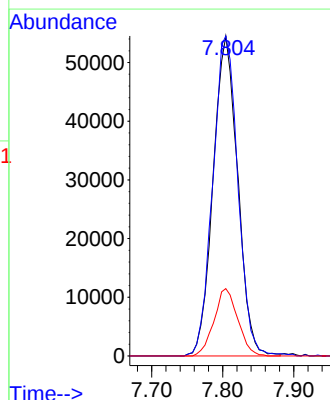
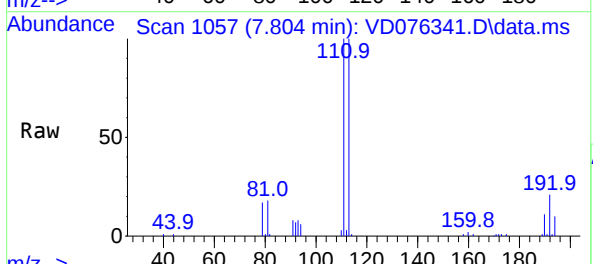
Tgt Ion:113 Resp: 130790

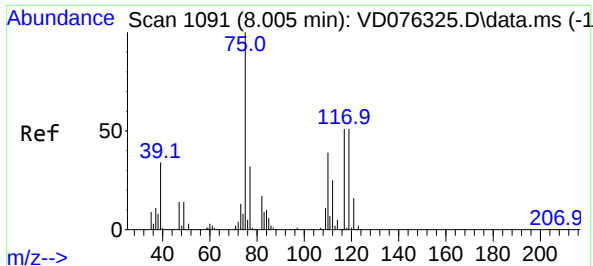
Ion Ratio Lower Upper

113 100

111 102.2 84.7 127.1

192 20.3 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.193 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076341.D

Acq: 06 Jun 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

TP-8-0A

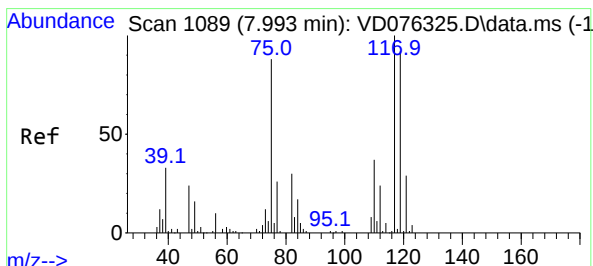
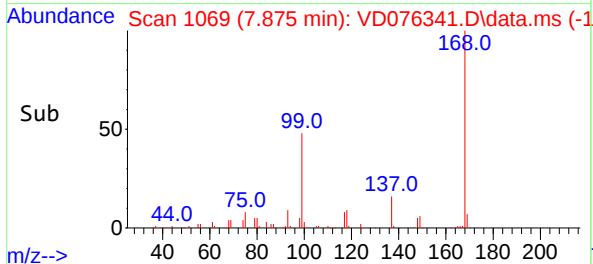
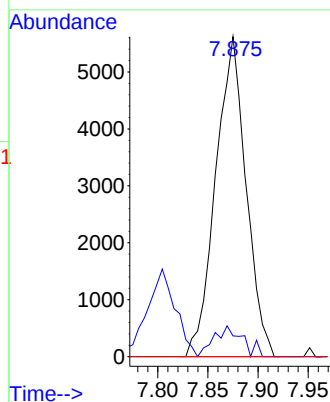
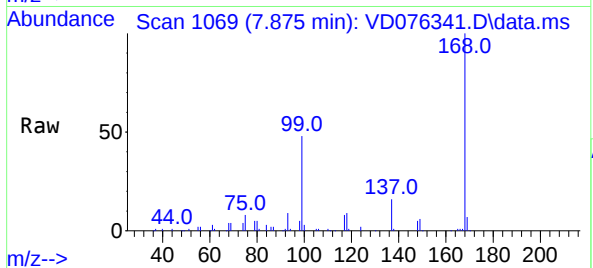
Tgt Ion: 75 Resp: 11851

Ion Ratio Lower Upper

75 100

110 9.0 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.410 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076341.D

Acq: 06 Jun 2023 15:31

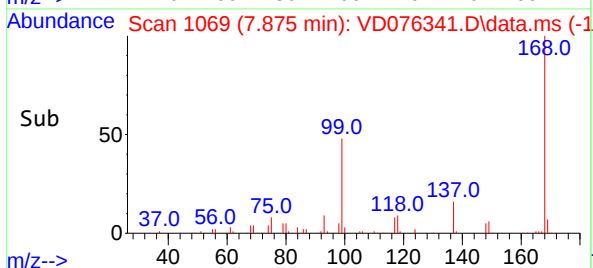
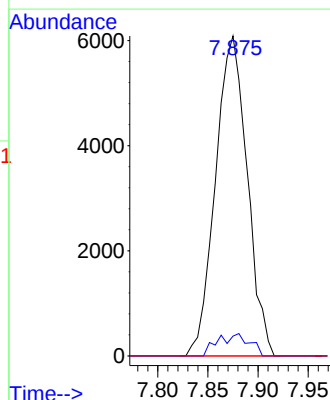
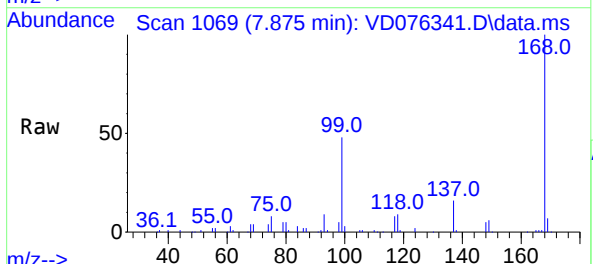
Tgt Ion: 117 Resp: 13405

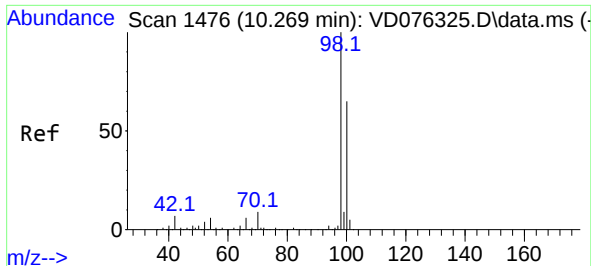
Ion Ratio Lower Upper

117 100

119 6.2 78.0 117.0#

121 0.0 24.2 36.2#

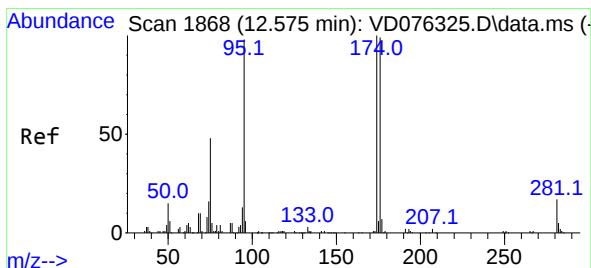
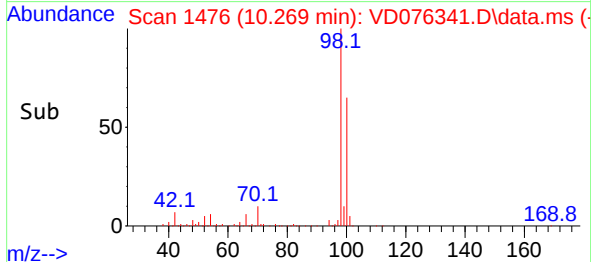
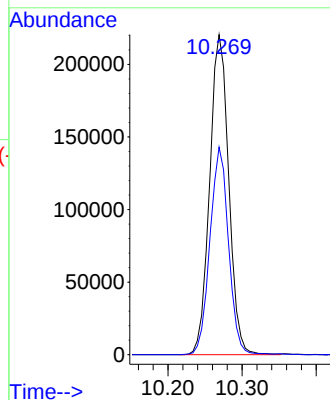
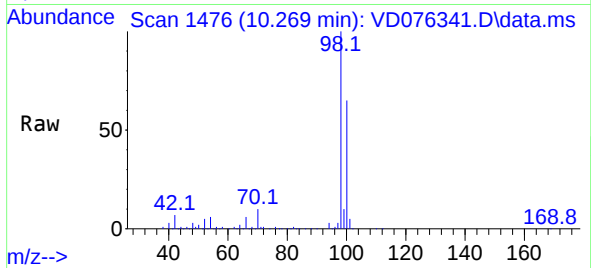




#50
Toluene-d8
Concen: 50.274 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

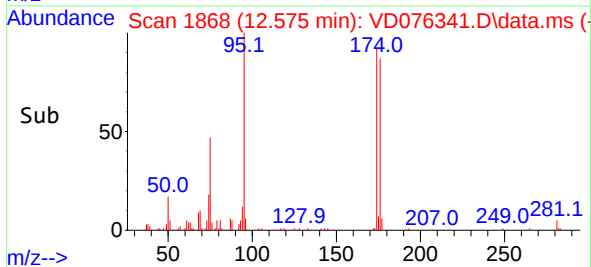
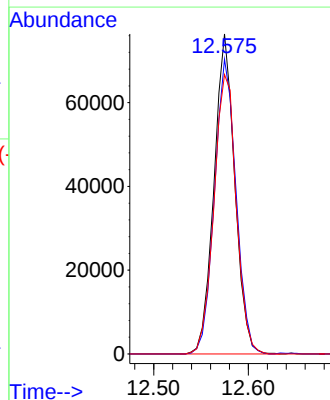
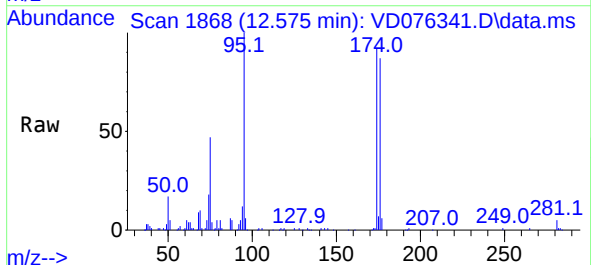
Instrument :
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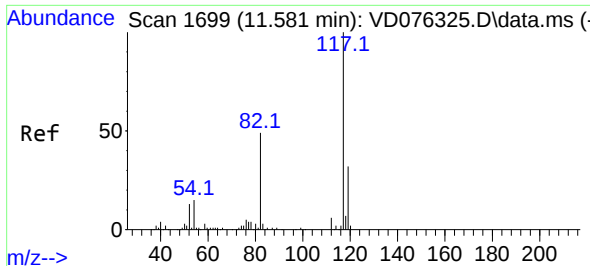
Tgt Ion: 98 Resp: 393783
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 56.116 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

Tgt Ion: 95 Resp: 116320
Ion Ratio Lower Upper
95 100
174 95.5 0.0 201.8
176 93.9 0.0 191.8

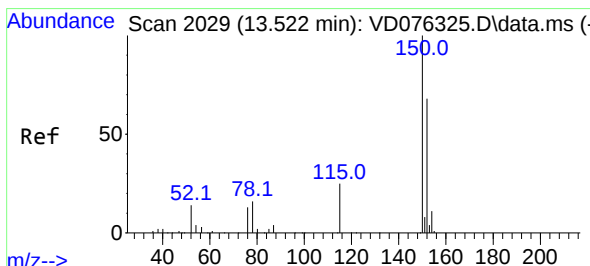
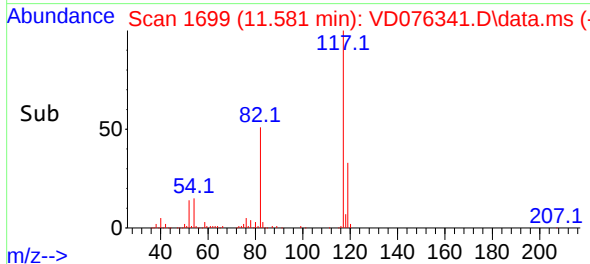
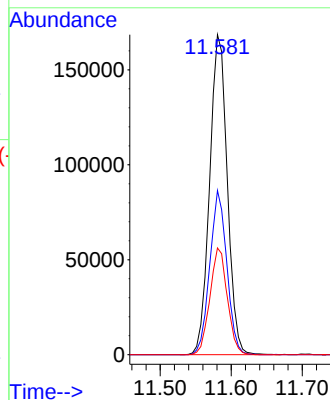
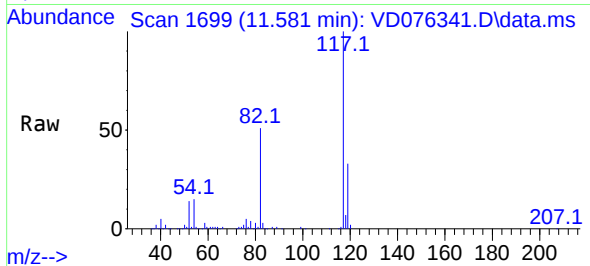




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

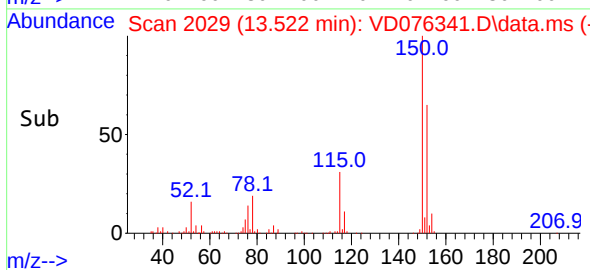
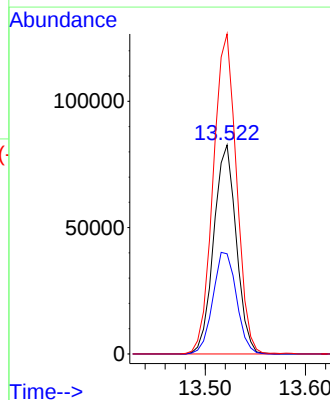
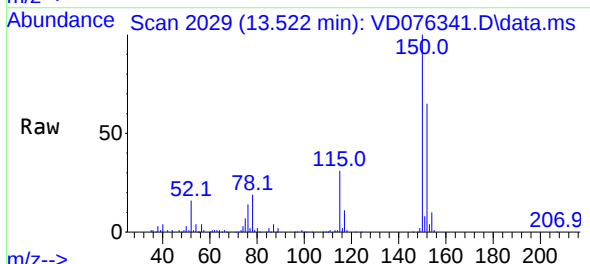
Instrument :
MSVOA_D
ClientSampleId :
TP-8-0A

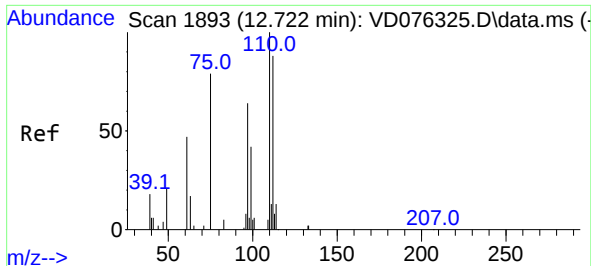
Tgt Ion:	117	Resp:	290647
Ion	Ratio	Lower	Upper
117	100		
82	51.3	38.3	57.5
119	33.4	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

Tgt Ion:	152	Resp:	129208
Ion	Ratio	Lower	Upper
152	100		
115	50.9	27.1	81.3
150	158.1	0.0	353.6

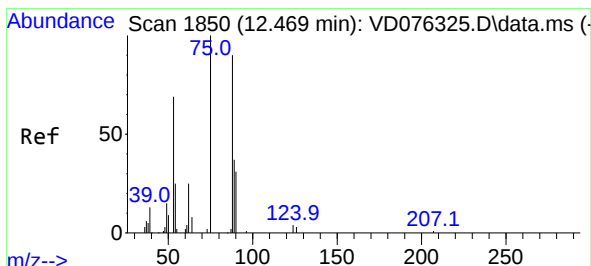
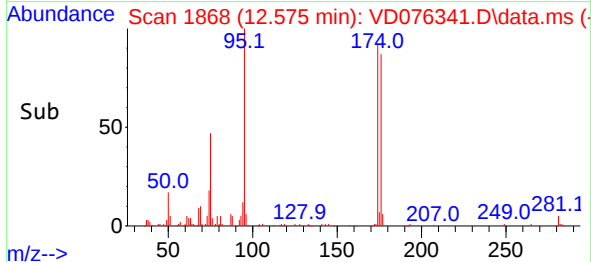
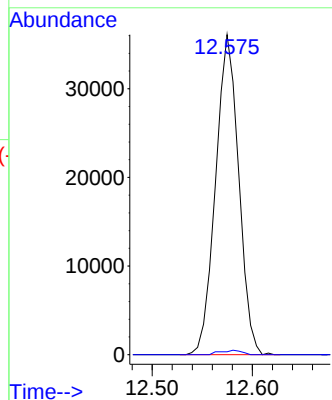
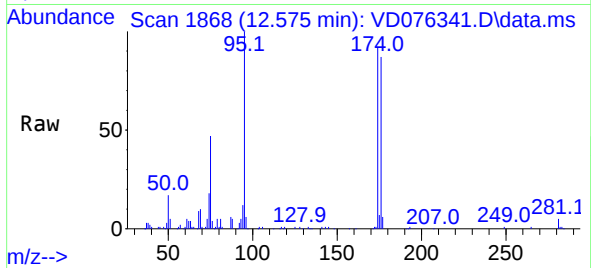




#76
1,2,3-Trichloropropane
Concen: 47.875 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

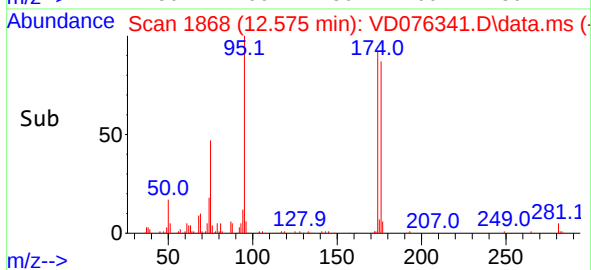
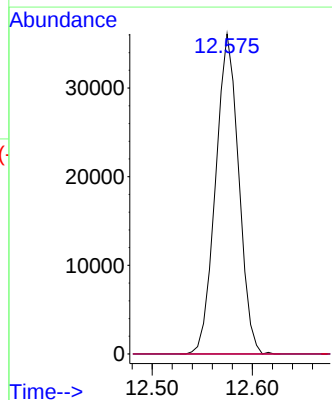
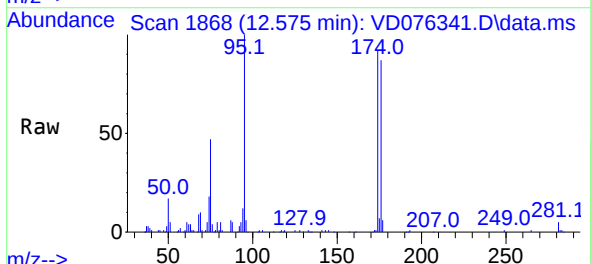
Instrument :
MSVOA_D
ClientSampleId :
TP-8-0A

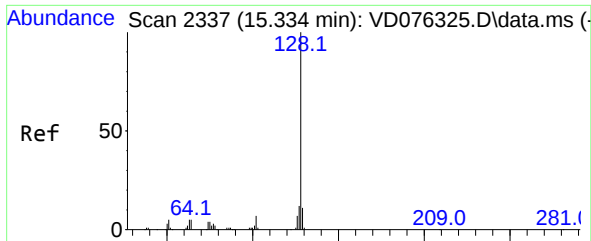
Tgt Ion: 75 Resp: 57742
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.663 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

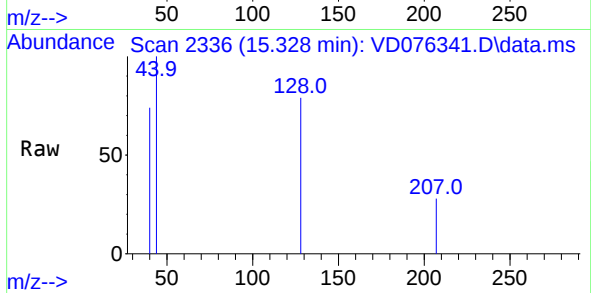
Tgt Ion: 75 Resp: 57742
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.562 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
TP-8-0A



Tgt Ion:128 Resp: 1333
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

