

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076339.D
 Acq On : 06 Jun 2023 14:31
 Operator : KP/SY
 Sample : 03050-01
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22-0A

Quant Time: Jun 07 06:10:56 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)

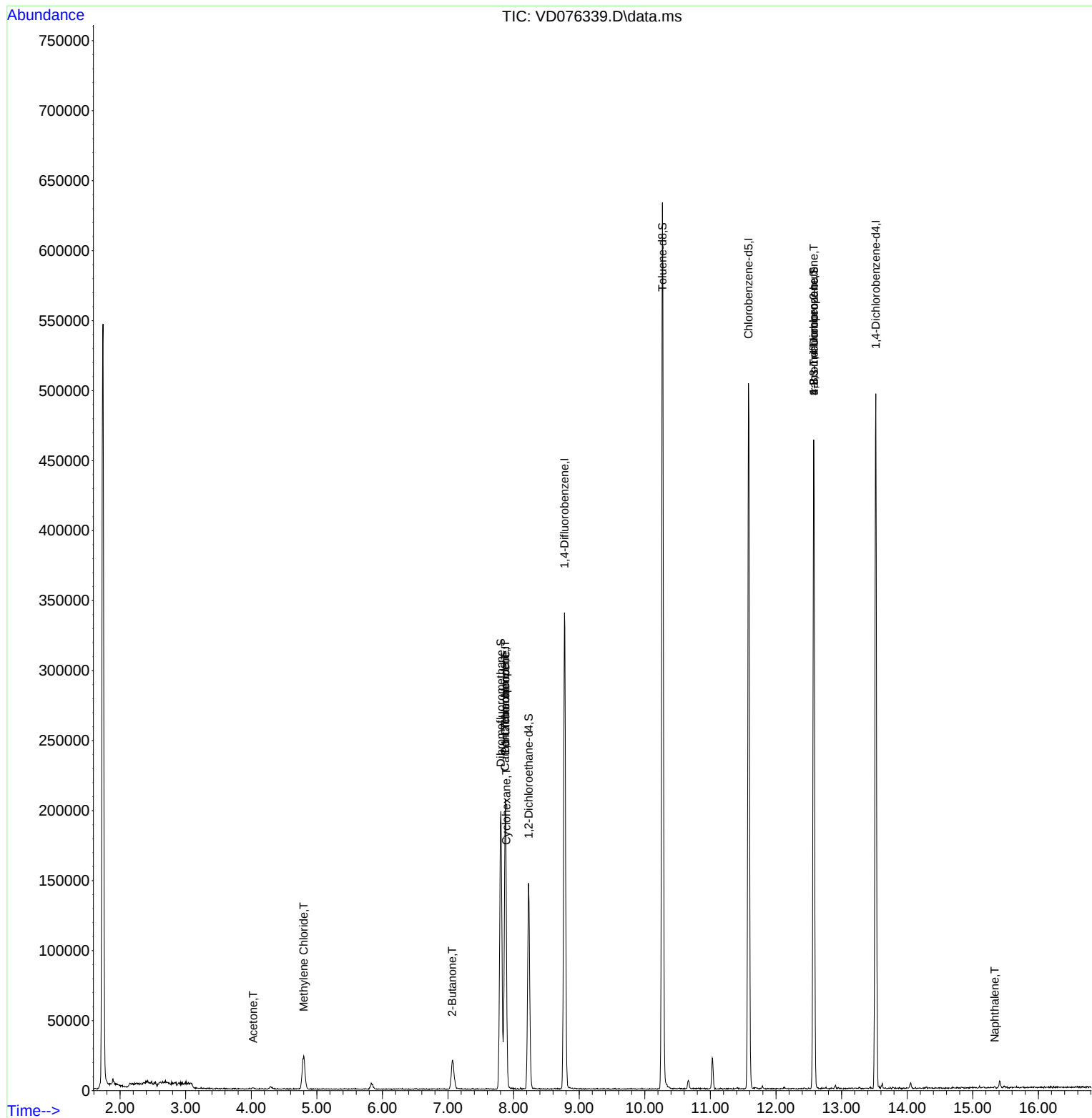
Internal Standards						
1) Pentafluorobenzene	7.875	168	170885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	334427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	320899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	146111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	109024	71.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.420%	
35) Dibromofluoromethane	7.805	113	147458	69.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.880%	
50) Toluene-d8	10.269	98	468065	55.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.720%	
62) 4-Bromofluorobenzene	12.575	95	139586	62.389	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 124.780%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1120	3.994	ug/l	97
20) Methylene Chloride	4.799	84	20967	5.046	ug/l	96
25) 2-Butanone	7.063	43	564	1.452	ug/l #	37
31) Cyclohexane	7.887	56	3541	1.377	ug/l #	66
36) 1,1-Dichloropropene	7.875	75	12919	4.235	ug/l #	44
38) Carbon Tetrachloride	7.869	117	14789	5.530	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	68348	50.112	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	68348	120.022	ug/l #	17
95) Naphthalene	15.334	128	612	3.402	ug/l #	69

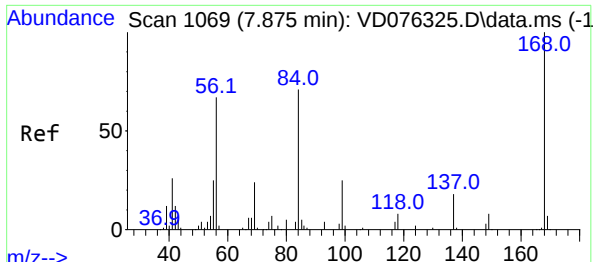
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
TP-22-0A

Quant Time: Jun 07 06:10:56 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

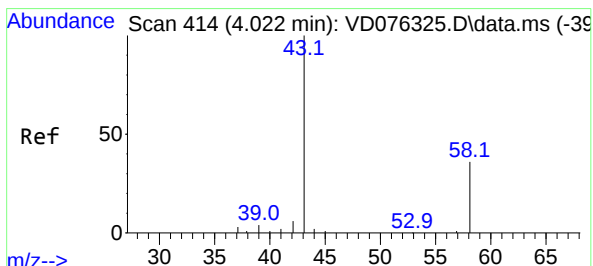
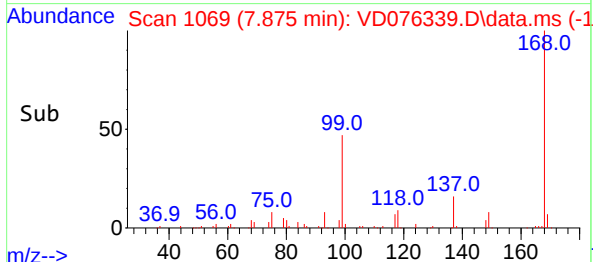
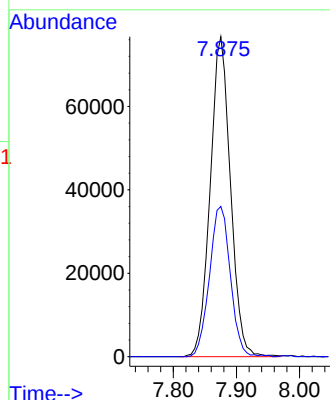
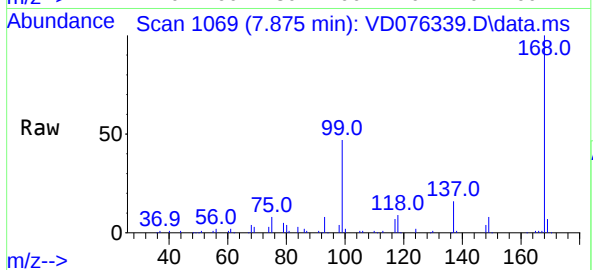




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

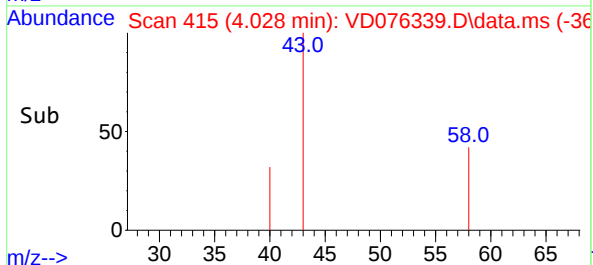
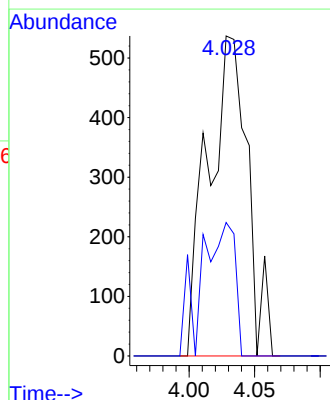
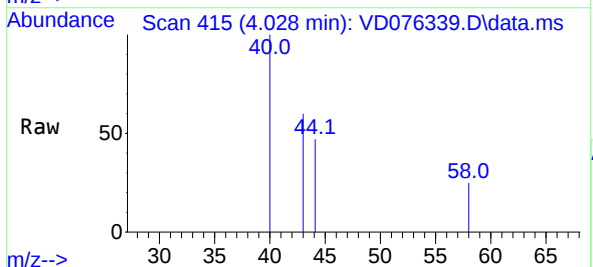
Instrument :
MSVOA_D
ClientSampleId :
TP-22-0A

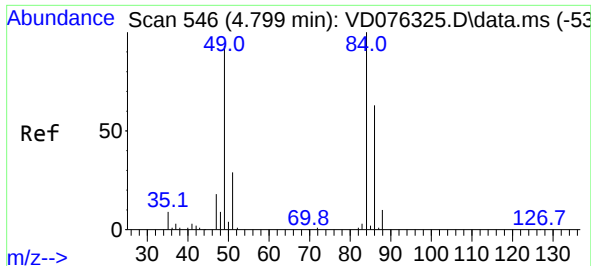
Tgt Ion:168 Resp: 170885
Ion Ratio Lower Upper
168 100
99 47.0 36.7 55.1



#16
Acetone
Concen: 3.994 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
58 41.7 34.7 52.1



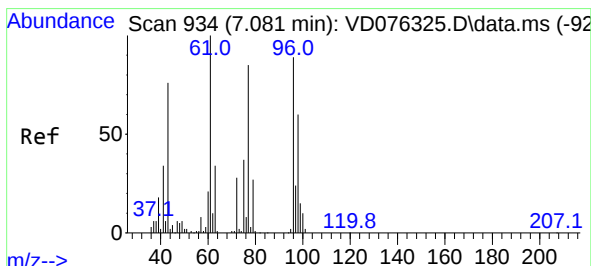
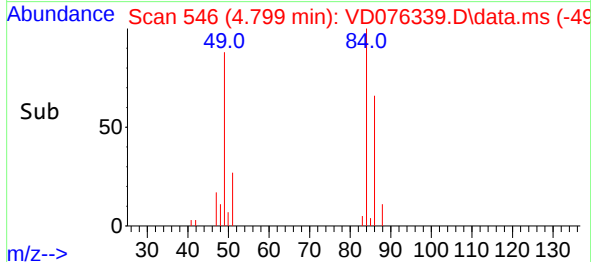
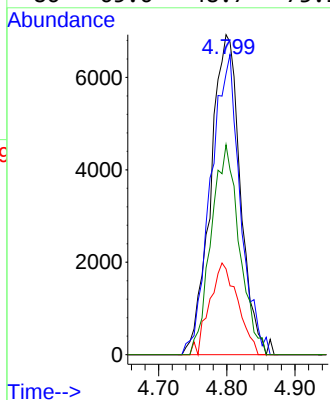
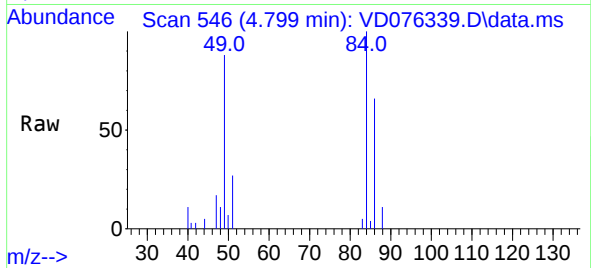


#20
Methylene Chloride
Concen: 5.046 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

Instrument :
MSVOA_D
ClientSampleId :
TP-22-0A

Tgt Ion: 84 Resp: 20967

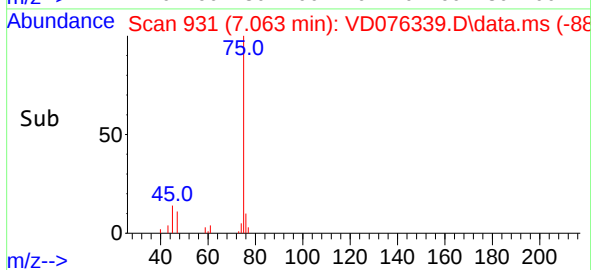
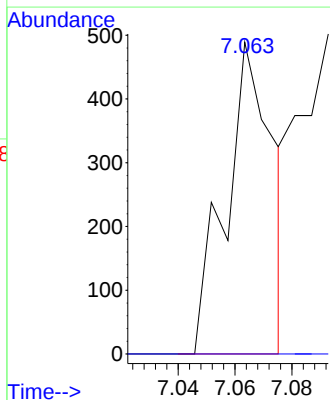
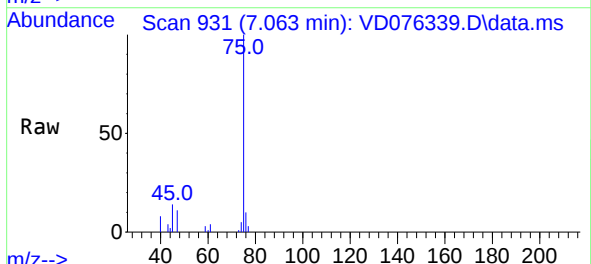
Ion	Ratio	Lower	Upper
84	100		
49	87.8	71.4	107.2
51	26.8	24.5	36.7
86	65.6	48.7	73.1

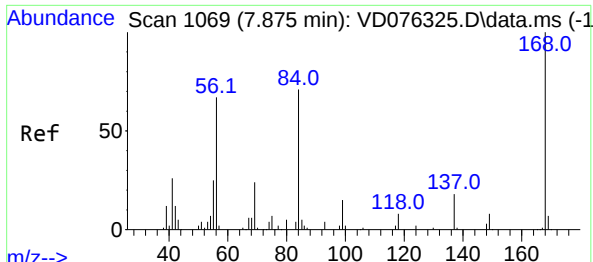


#25
2-Butanone
Concen: 1.452 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

Tgt Ion: 43 Resp: 564

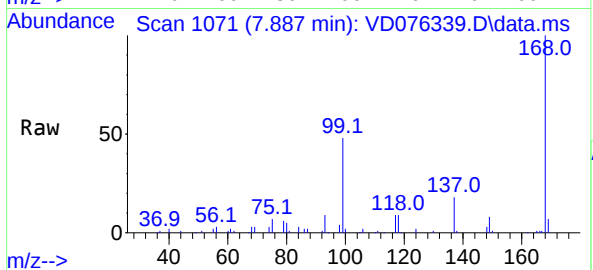
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



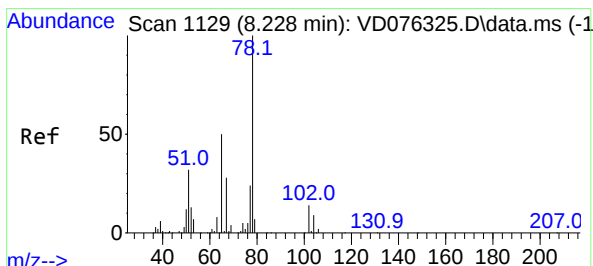
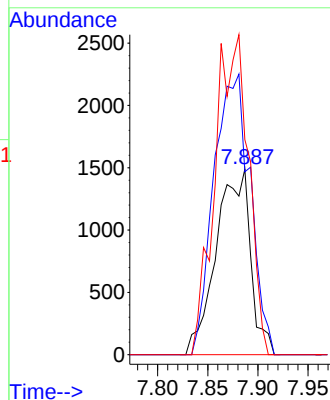
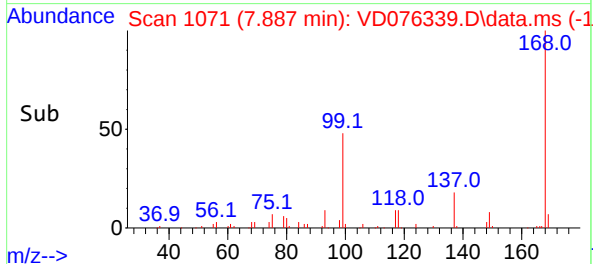


#31
Cyclohexane
Concen: 1.377 ug/l
RT: 7.887 min Scan# 1069
Delta R.T. 0.012 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

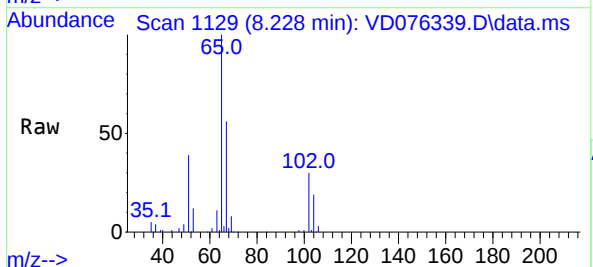
Instrument :
MSVOA_D
ClientSampleId :
TP-22-0A



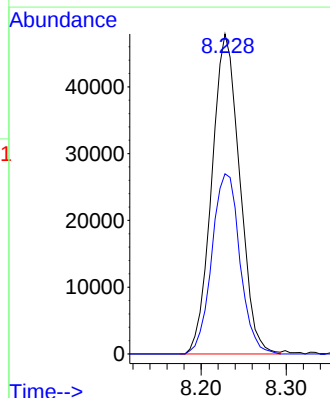
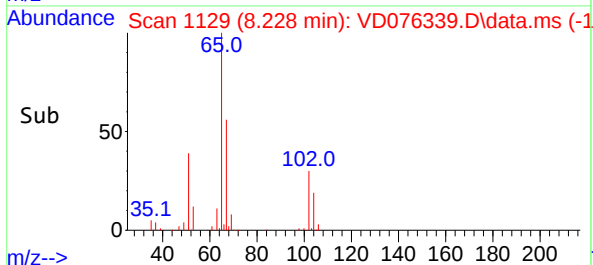
Tgt Ion: 56 Resp: 3541
Ion Ratio Lower Upper
56 100
69 98.6 28.6 43.0#
84 115.9 84.8 127.2

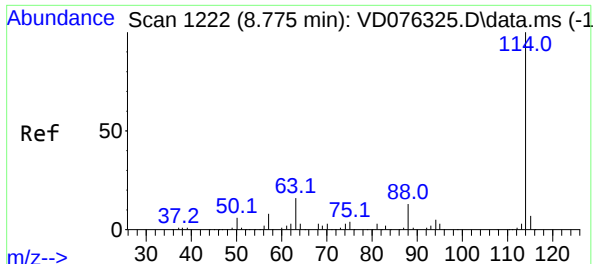


#33
1,2-Dichloroethane-d4
Concen: 71.205 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31



Tgt Ion: 65 Resp: 109024
Ion Ratio Lower Upper
65 100
67 56.6 0.0 115.0

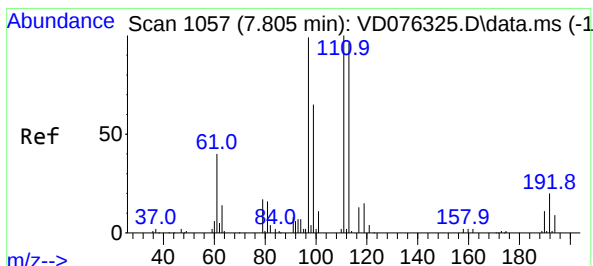
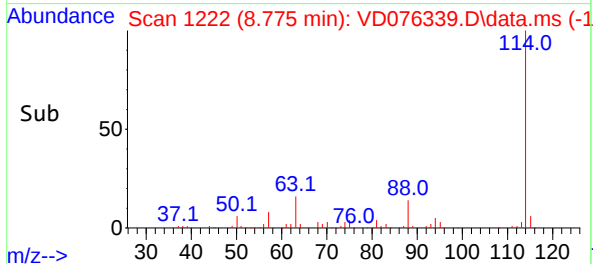
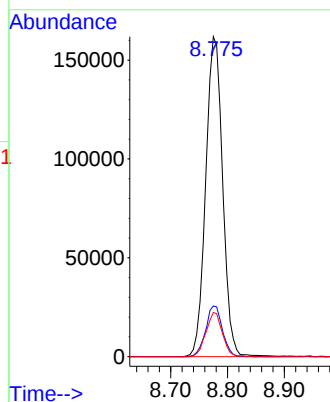
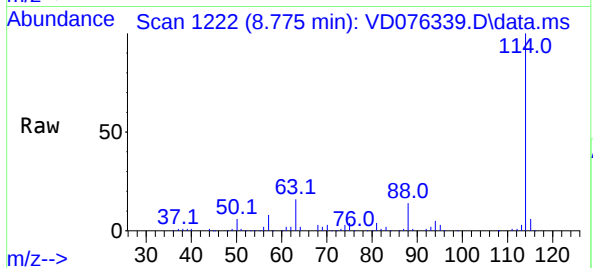




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

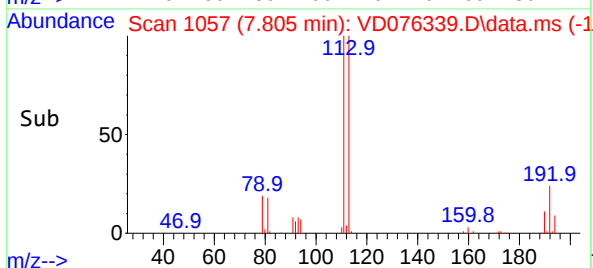
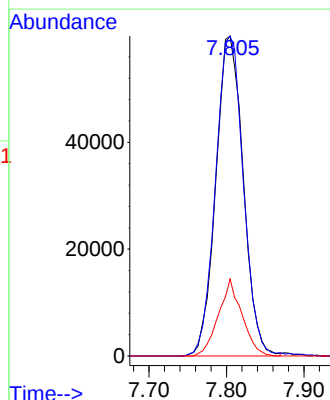
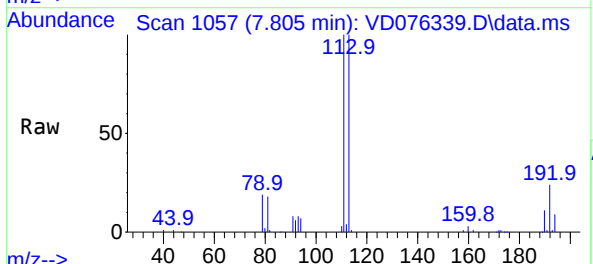
Instrument :
MSVOA_D
ClientSampleId :
TP-22-0A

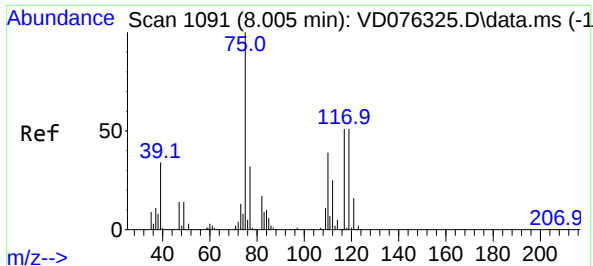
Tgt Ion:114 Resp: 334427
Ion Ratio Lower Upper
114 100
63 15.8 0.0 33.4
88 13.8 0.0 26.2



#35
Dibromofluoromethane
Concen: 69.444 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

Tgt Ion:113 Resp: 147458
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 20.6 16.8 25.2



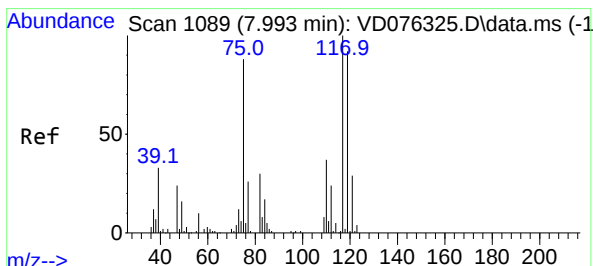
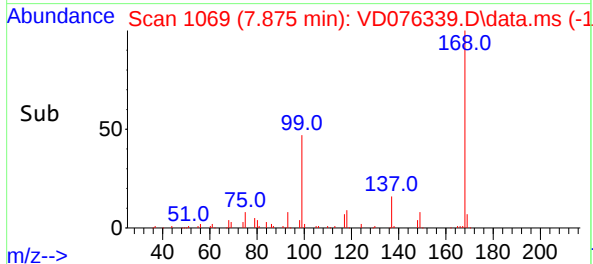
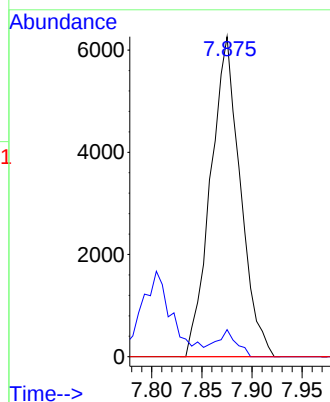
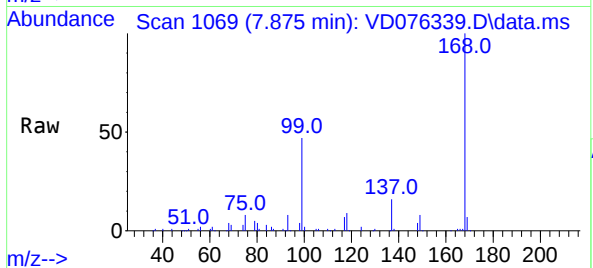


#36
1,1-Dichloropropene
Concen: 4.235 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

Instrument :
MSVOA_D
ClientSampleId :
TP-22-0A

Tgt Ion: 75 Resp: 12919

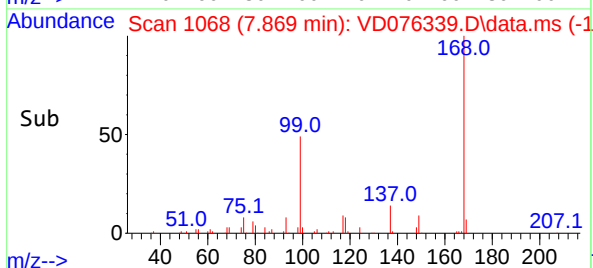
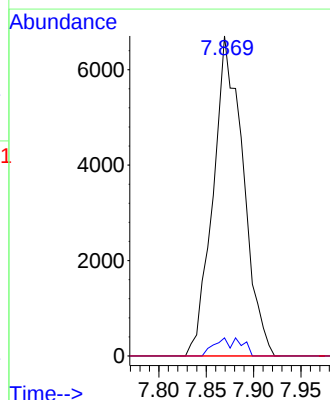
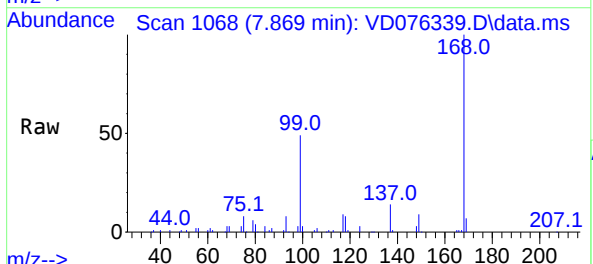
Ion	Ratio	Lower	Upper
75	100		
110	5.8	19.9	59.6#
77	0.0	24.7	37.1#

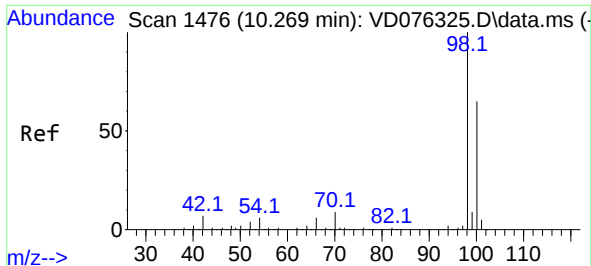


#38
Carbon Tetrachloride
Concen: 5.530 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

Tgt Ion: 117 Resp: 14789

Ion	Ratio	Lower	Upper
117	100		
119	5.7	78.0	117.0#
121	0.0	24.2	36.2#

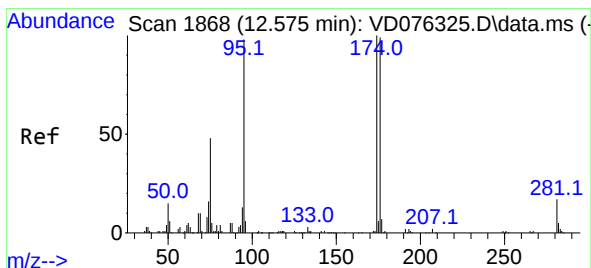
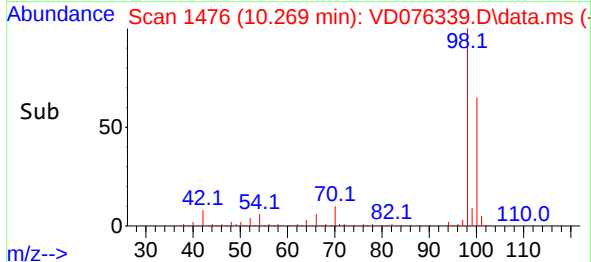
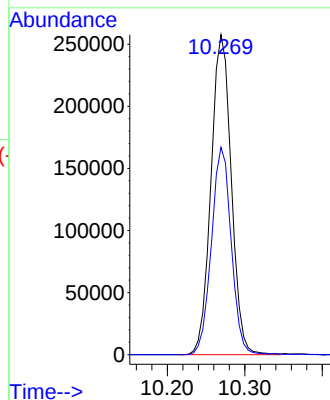
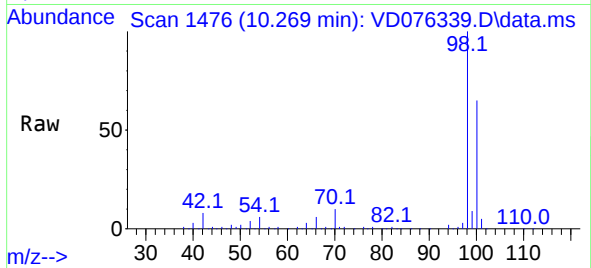




#50
Toluene-d8
Concen: 55.364 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

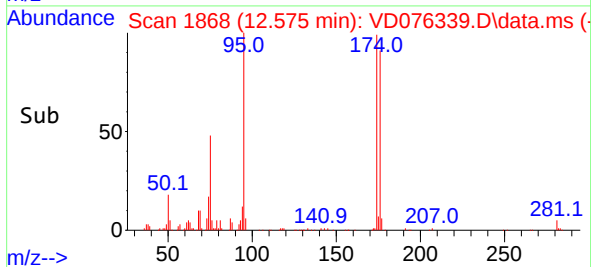
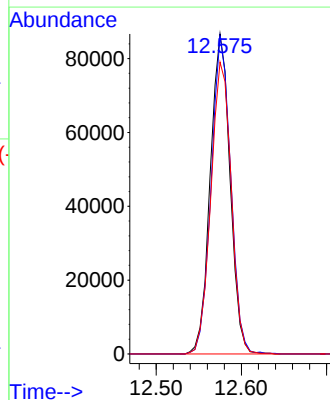
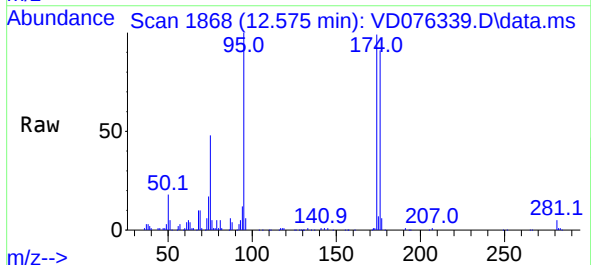
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MSVOA_D
ClientSampleId :
TP-22-0A

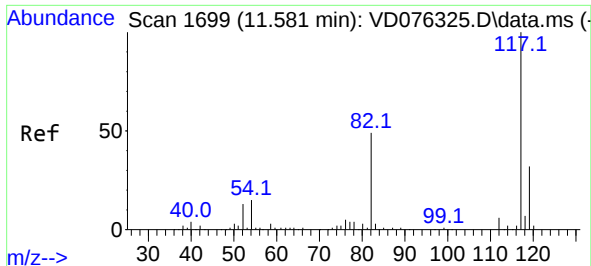
Tgt Ion: 98 Resp: 468065
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 62.389 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

Tgt Ion: 95 Resp: 139586
Ion Ratio Lower Upper
95 100
174 98.3 0.0 201.8
176 94.0 0.0 191.8

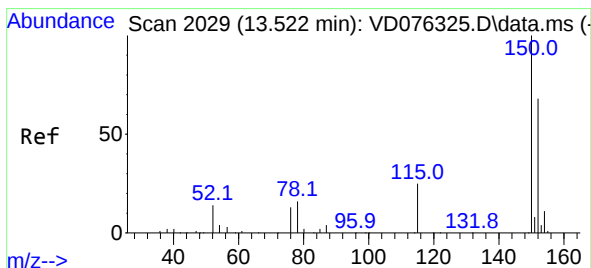
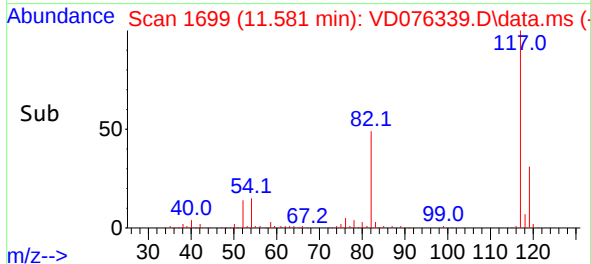
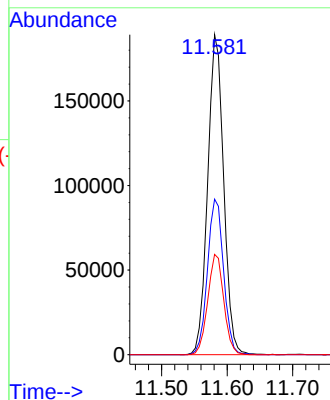
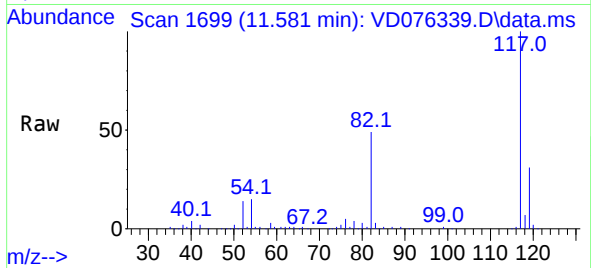




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

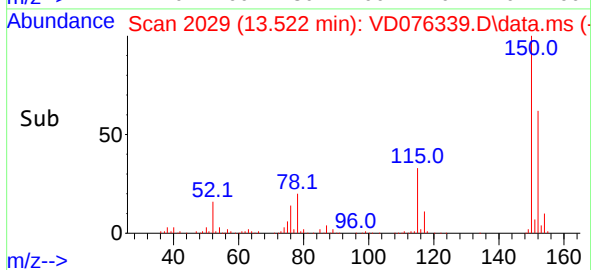
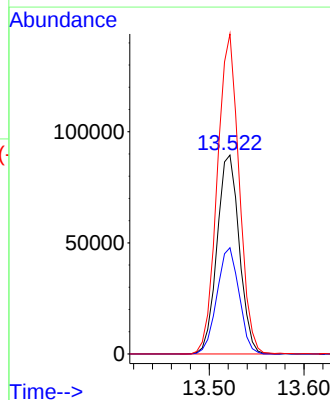
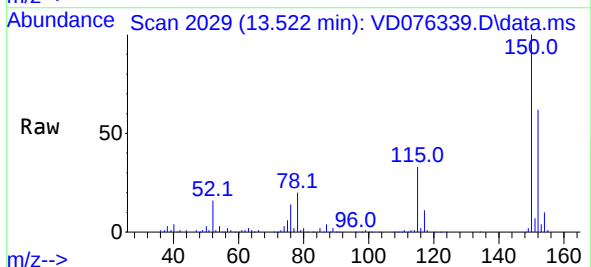
Instrument :
MSVOA_D
ClientSampleId :
TP-22-0A

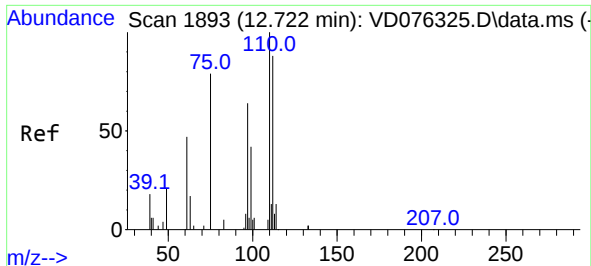
Tgt Ion:117 Resp: 320899
Ion Ratio Lower Upper
117 100
82 48.6 38.3 57.5
119 31.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

Tgt Ion:152 Resp: 146111
Ion Ratio Lower Upper
152 100
115 53.2 27.1 81.3
150 158.2 0.0 353.6

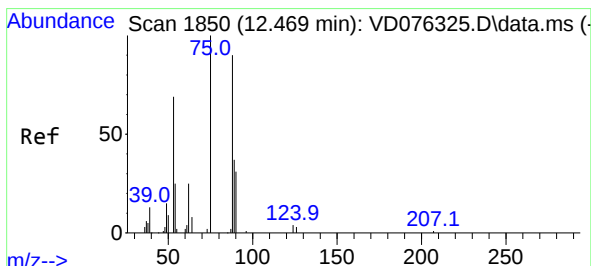
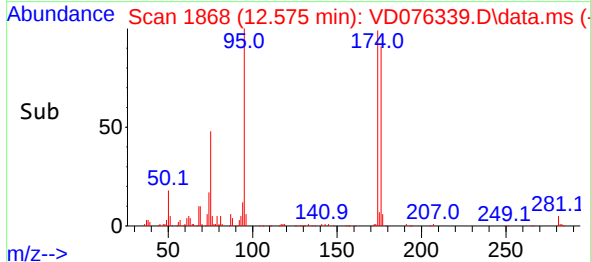
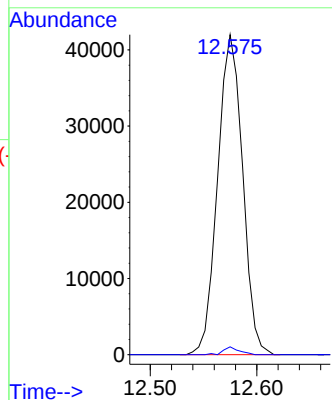
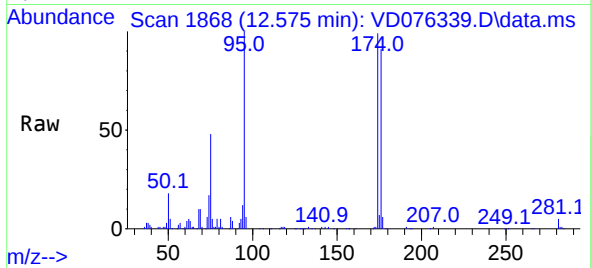




#76
1,2,3-Trichloropropane
Concen: 50.112 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

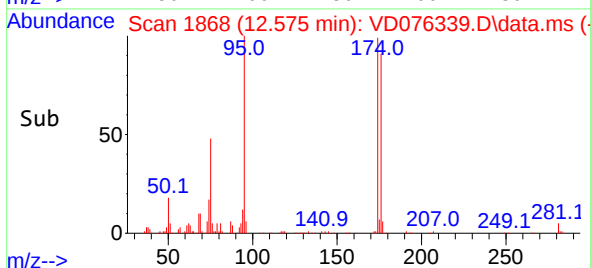
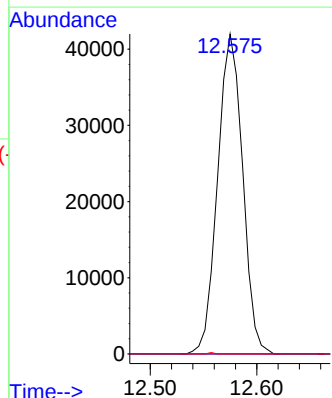
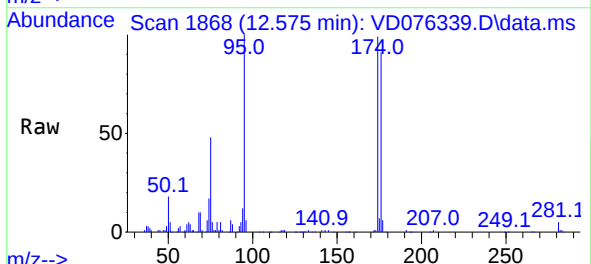
Instrument :
MSVOA_D
ClientSampleId :
TP-22-0A

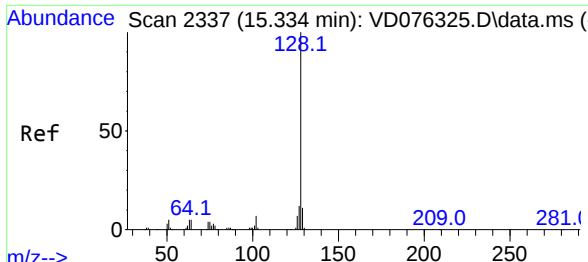
Tgt Ion: 75 Resp: 68348
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.022 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076339.D
Acq: 06 Jun 2023 14:31

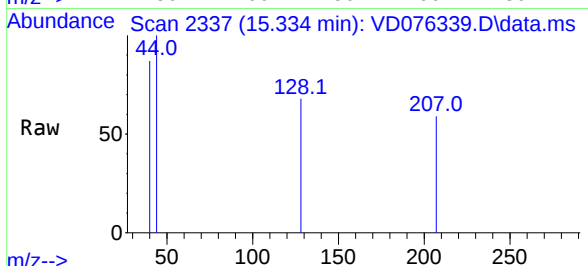
Tgt Ion: 75 Resp: 68348
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 37.9 56.9#





#95
 Naphthalene
 Concen: 3.402 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076339.D
 Acq: 06 Jun 2023 14:31

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22-0A



Tgt Ion:128 Resp: 612

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

