

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076936.D
 Acq On : 07 Aug 2023 17:32
 Operator : KP/SY
 Sample : 03917-03
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP05A

Quant Time: Aug 08 04:40:52 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)

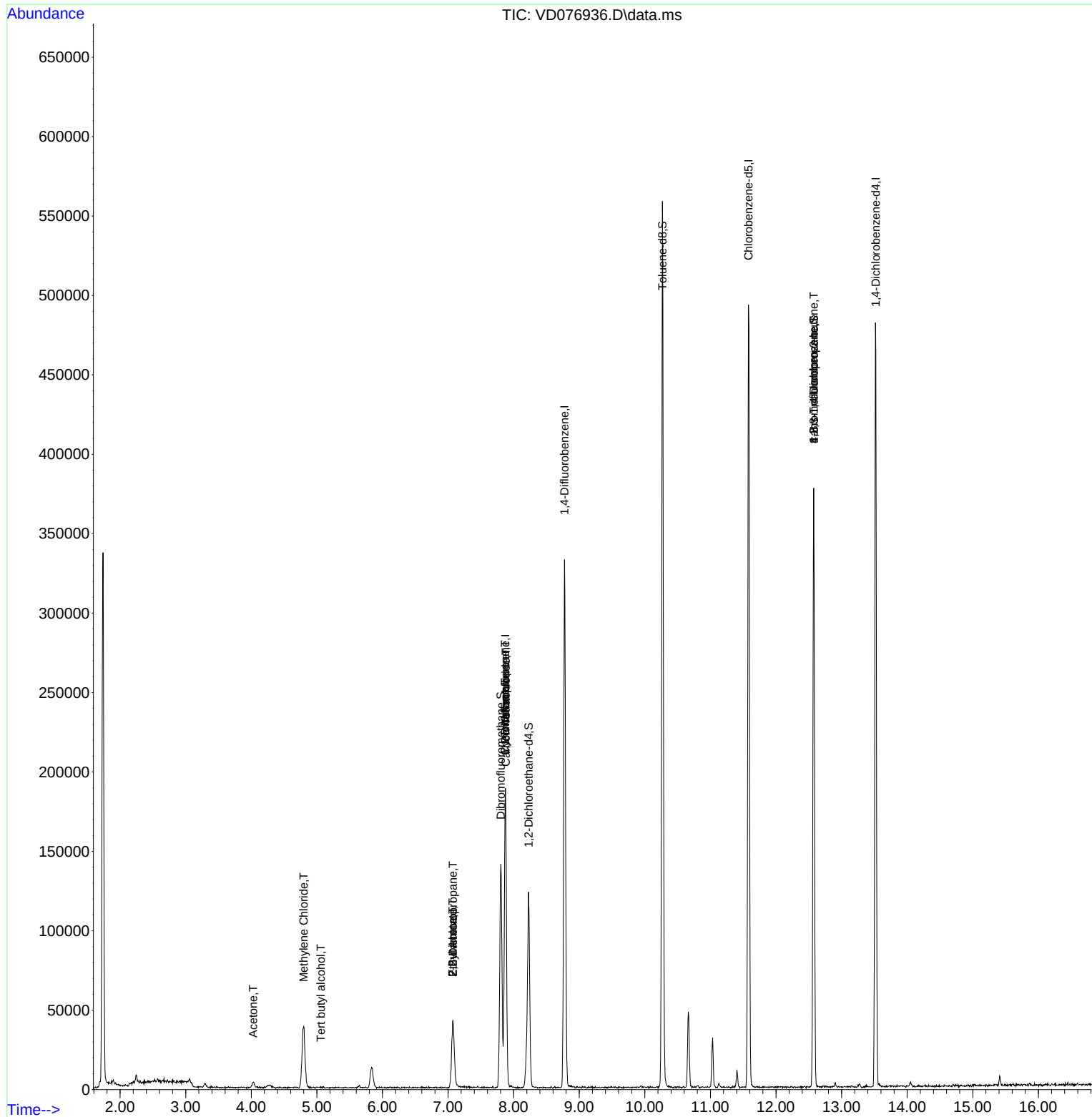
Internal Standards						
1) Pentafluorobenzene	7.875	168	146753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	302190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	300278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	130961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86377	59.093	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.180%	
35) Dibromofluoromethane	7.804	113	103177	54.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.660%	
50) Toluene-d8	10.269	98	377801	55.613	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.220%	
62) 4-Bromofluorobenzene	12.574	95	111590	50.777	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.057	59	303	2.778	ug/l #	73
16) Acetone	4.028	43	5841	16.732	ug/l	94
20) Methylene Chloride	4.798	84	32455	6.692	ug/l #	92
25) 2-Butanone	7.069	43	2361	5.054	ug/l #	37
26) 2,2-Dichloropropane	7.075	77	3201	1.221	ug/l #	49
31) Cyclohexane	7.869	56	2957	1.375	ug/l #	4
36) 1,1-Dichloropropene	7.869	75	12062	4.861	ug/l #	50
37) Ethyl Acetate	7.069	43	2361	2.128	ug/l #	41
38) Carbon Tetrachloride	7.881	117	14913	6.276	ug/l #	13
76) 1,2,3-Trichloropropane	12.574	75	60234	48.364	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	60234	102.932	ug/l #	17

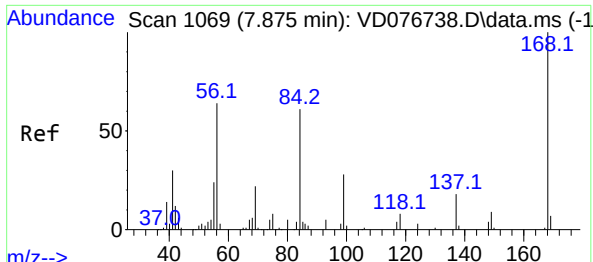
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

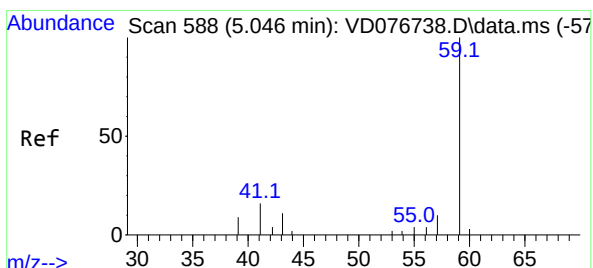
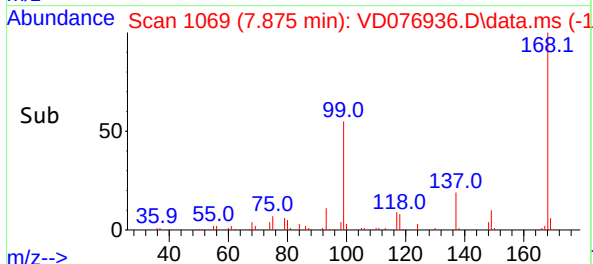
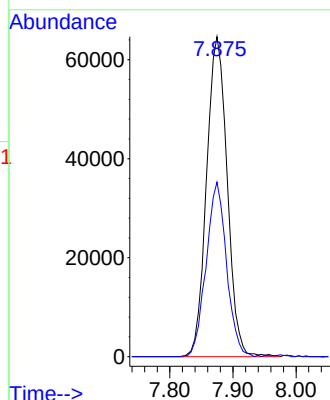
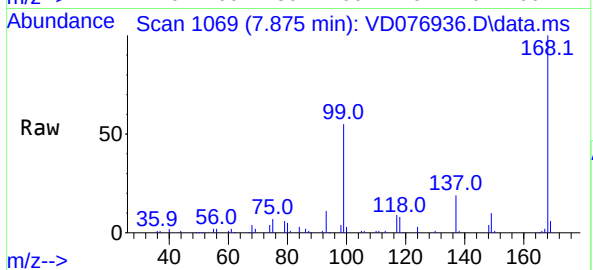




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

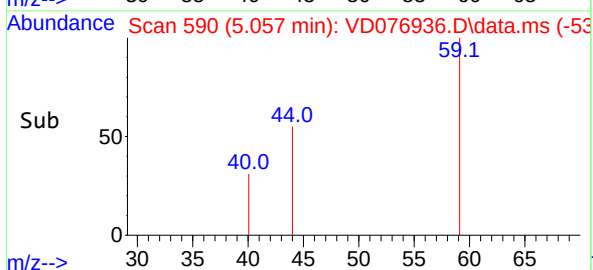
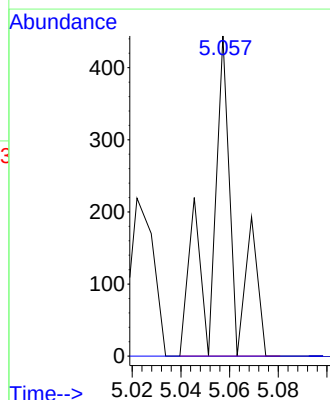
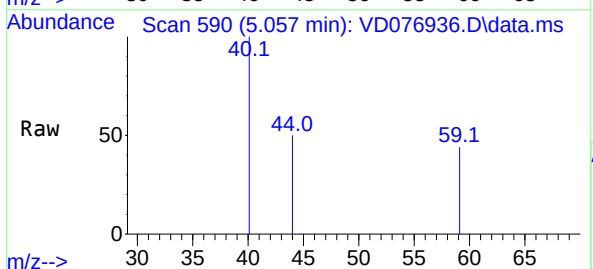
Instrument :
MSVOA_D
ClientSampleId :
B-PP05A

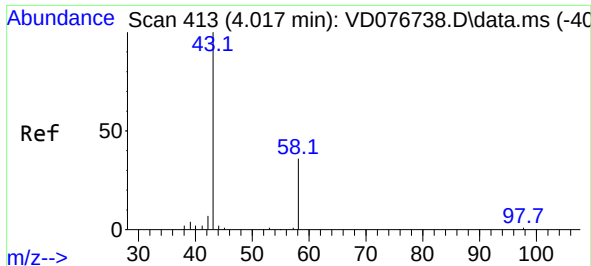
Tgt Ion:168 Resp: 146753
Ion Ratio Lower Upper
168 100
99 54.6 36.7 55.1



#11
Tert butyl alcohol
Concen: 2.778 ug/l
RT: 5.057 min Scan# 590
Delta R.T. 0.011 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

Tgt Ion: 59 Resp: 303
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#16

Acetone

Concen: 16.732 ug/l

RT: 4.028 min Scan# 413

Delta R.T. 0.011 min

Lab File: VD076936.D

Acq: 07 Aug 2023 17:32

Instrument :

MSVOA_D

ClientSampleId :

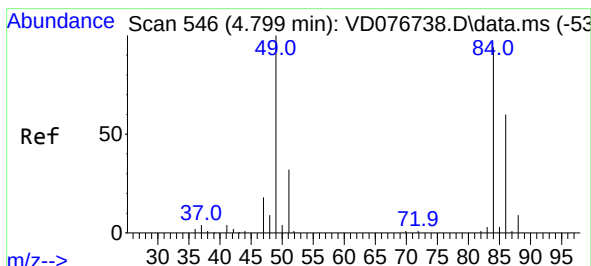
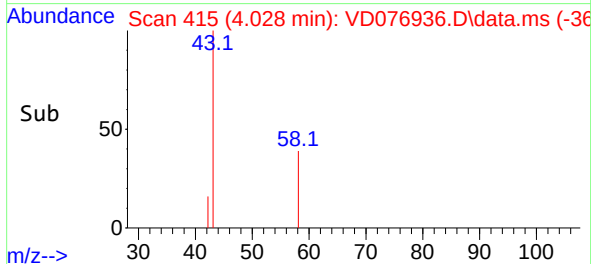
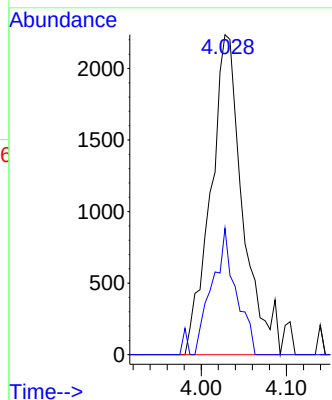
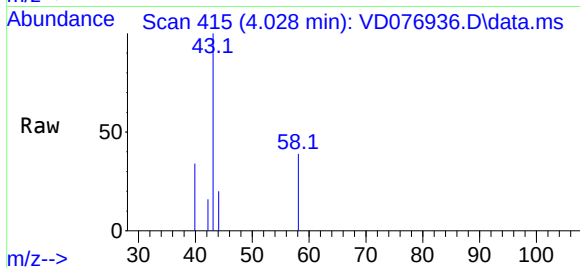
B-PP05A

Tgt Ion: 43 Resp: 5841

Ion Ratio Lower Upper

43 100

58 39.5 34.7 52.1



#20

Methylene Chloride

Concen: 6.692 ug/l

RT: 4.798 min Scan# 546

Delta R.T. -0.001 min

Lab File: VD076936.D

Acq: 07 Aug 2023 17:32

Tgt Ion: 84 Resp: 32455

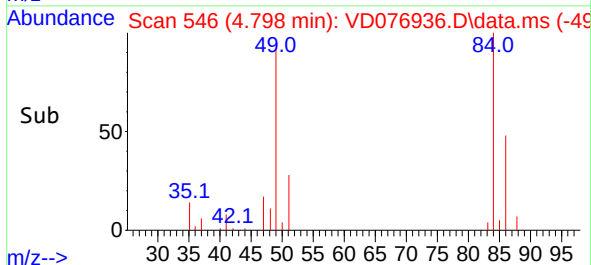
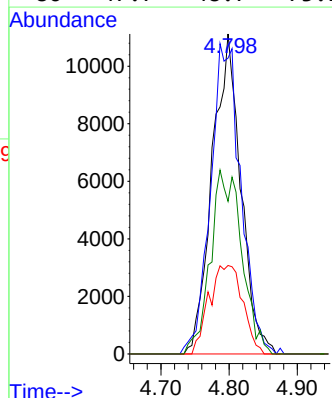
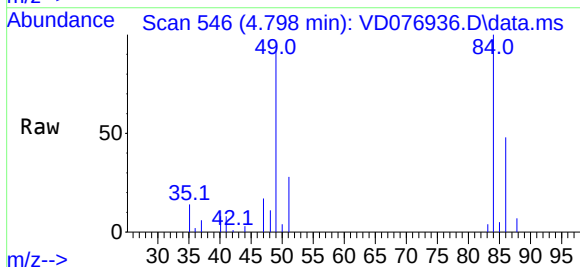
Ion Ratio Lower Upper

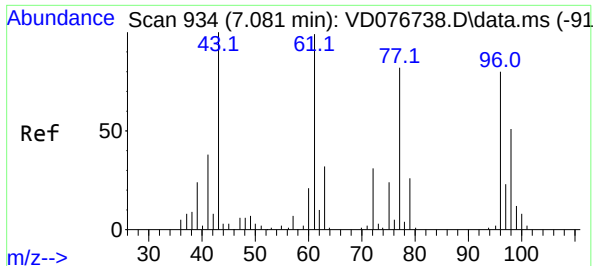
84 100

49 92.5 71.4 107.2

51 27.6 24.5 36.7

86 47.7 48.7 73.1#

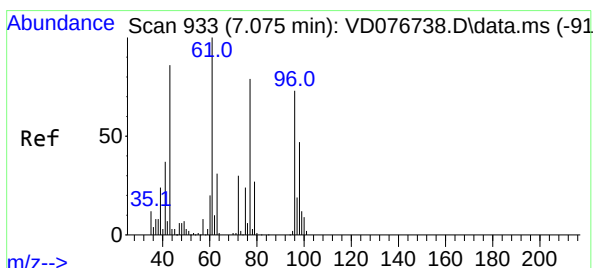
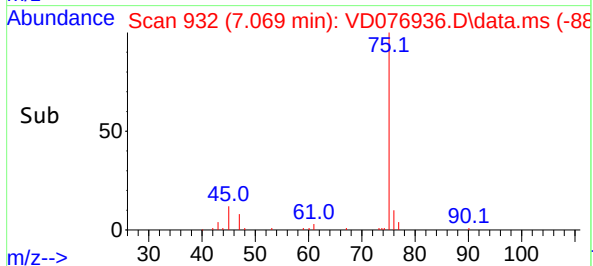
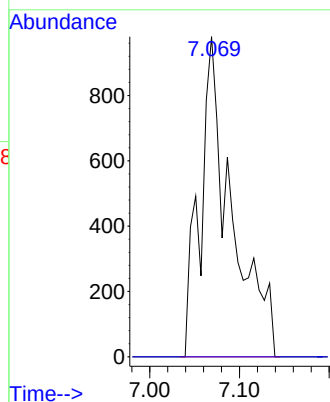
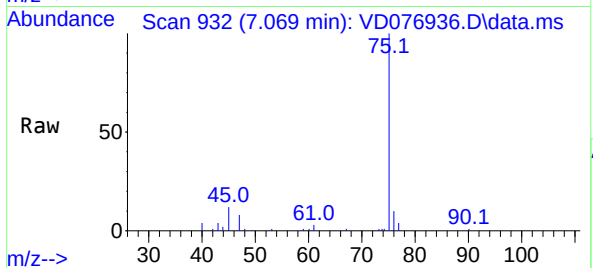




#25
2-Butanone
Concen: 5.054 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

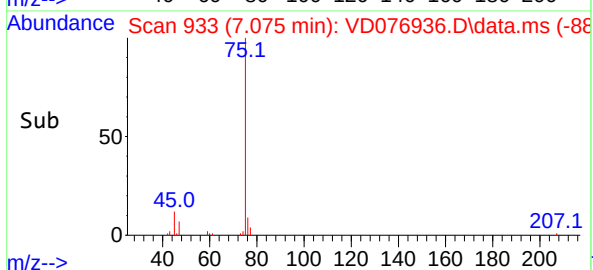
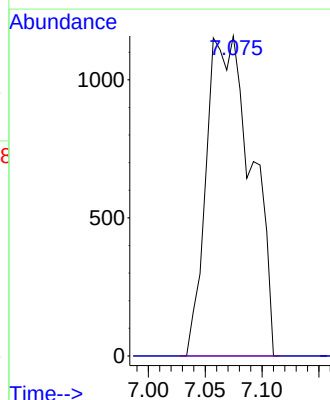
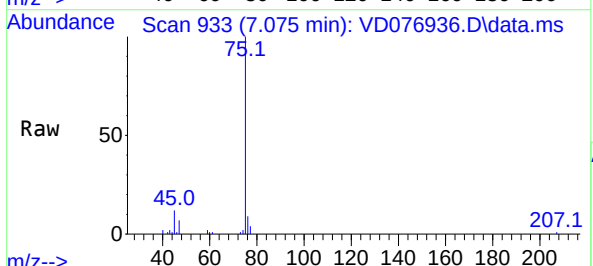
Instrument :
MSVOA_D
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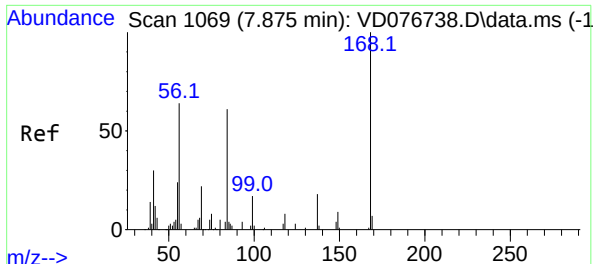
Tgt Ion: 43 Resp: 2361
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 1.221 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

Tgt Ion: 77 Resp: 3201
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#

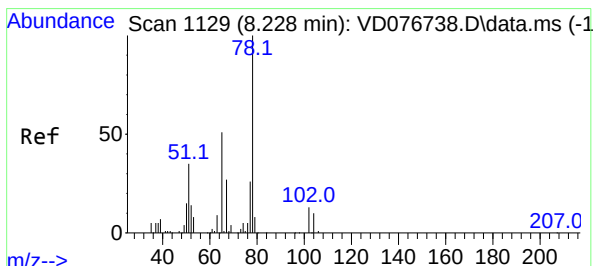
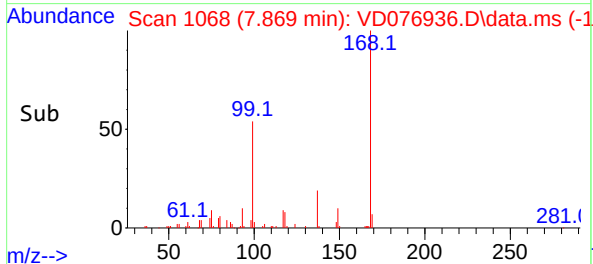
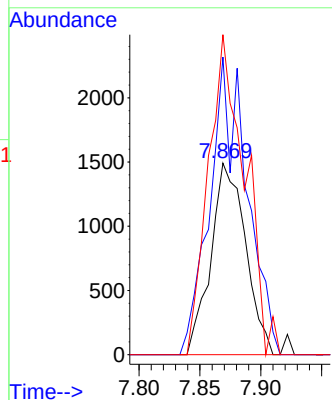
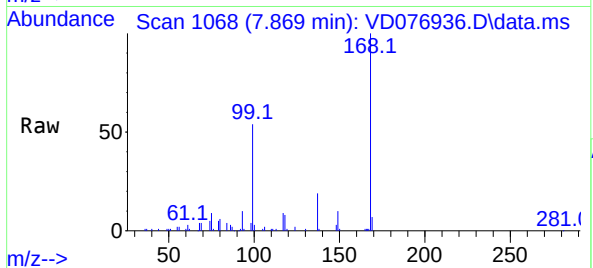




#31
Cyclohexane
Concen: 1.375 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

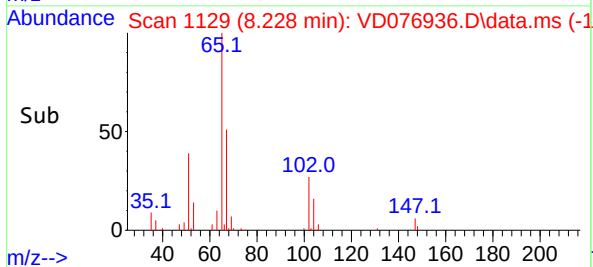
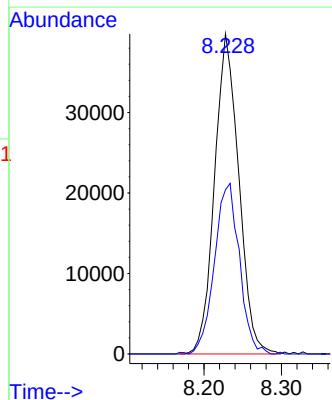
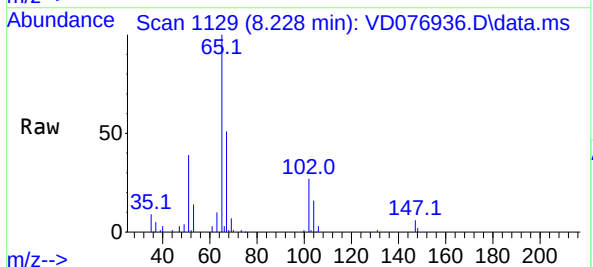
Instrument :
MSVOA_D
ClientSampleId :
B-PP05A

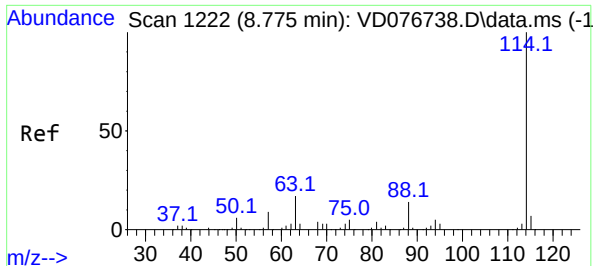
Tgt Ion: 56 Resp: 2957
Ion Ratio Lower Upper
56 100
69 155.5 28.6 43.0#
84 167.1 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 59.093 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

Tgt Ion: 65 Resp: 86377
Ion Ratio Lower Upper
65 100
67 54.9 0.0 115.0

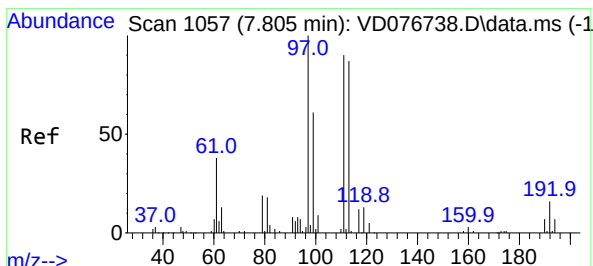
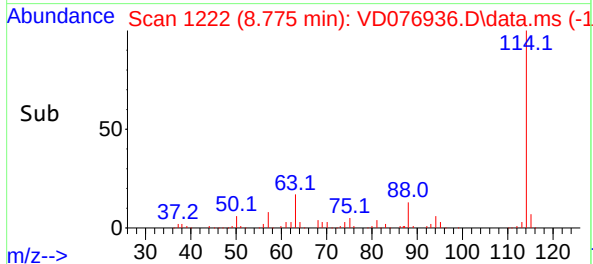
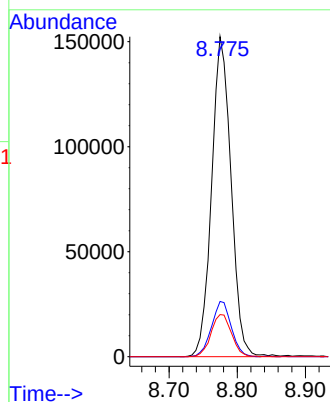
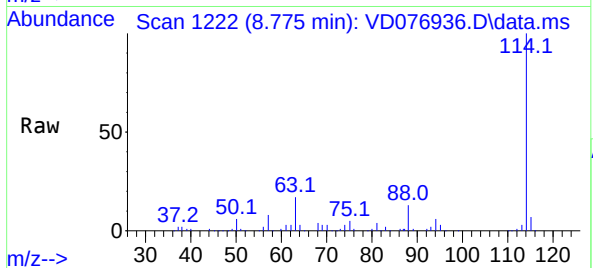




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

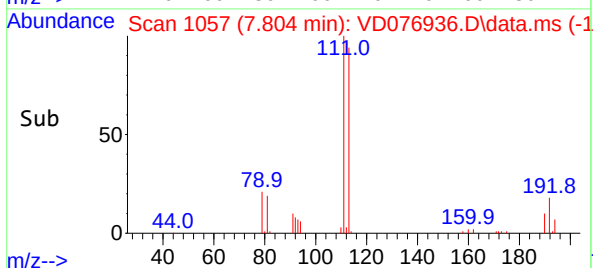
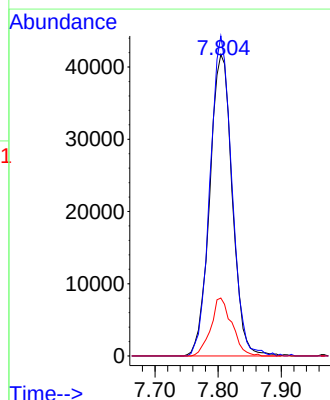
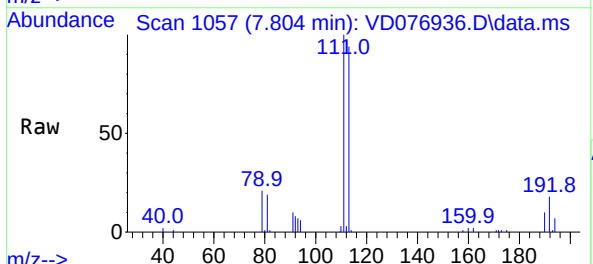
Instrument :
MSVOA_D
ClientSampleId :
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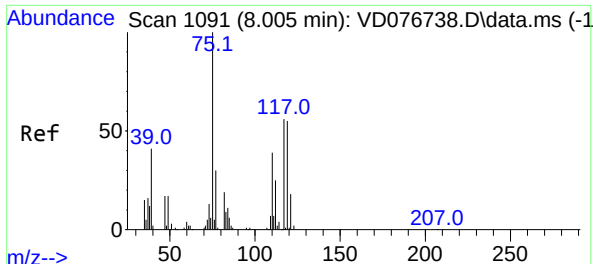
Tgt Ion:114 Resp: 302190
Ion Ratio Lower Upper
114 100
63 17.2 0.0 33.4
88 13.2 0.0 26.2



#35
Dibromofluoromethane
Concen: 54.333 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

Tgt Ion:113 Resp: 103177
Ion Ratio Lower Upper
113 100
111 103.0 84.7 127.1
192 18.0 16.8 25.2

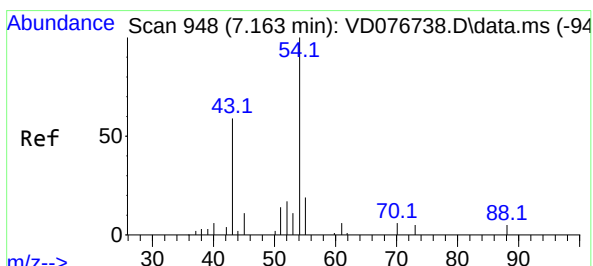
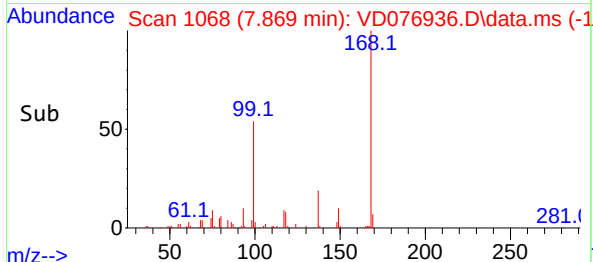
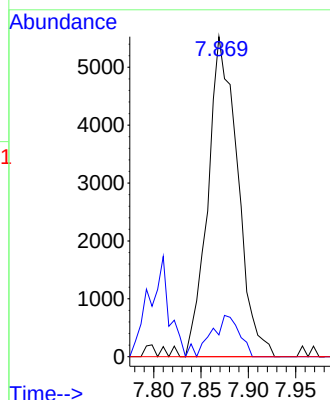
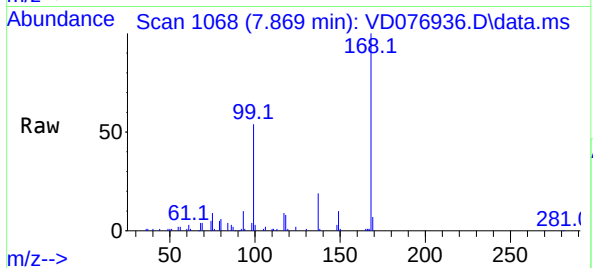




#36
1,1-Dichloropropene
Concen: 4.861 ug/l
RT: 7.869 min Scan# 1091
Delta R.T. -0.136 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

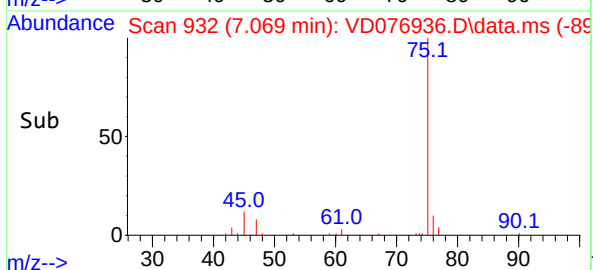
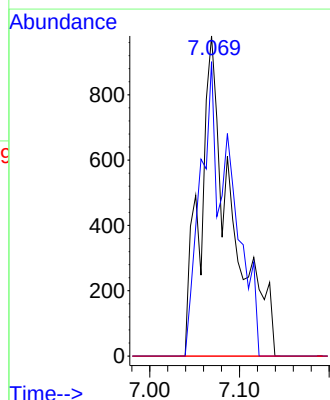
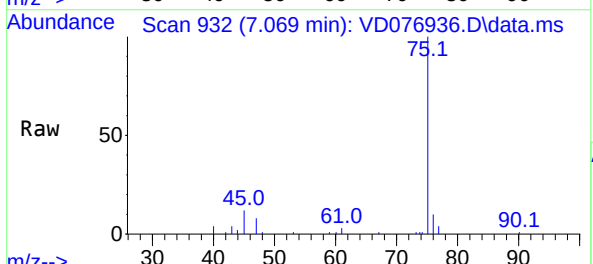
Instrument :
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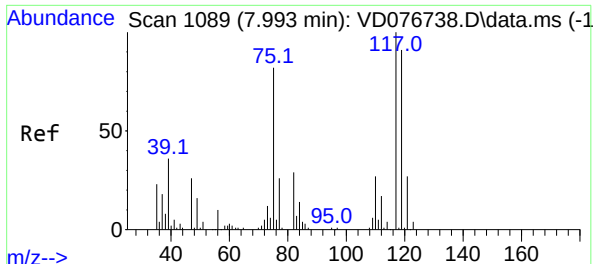
Tgt Ion: 75 Resp: 12062
Ion Ratio Lower Upper
75 100
110 11.6 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 2.128 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.094 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

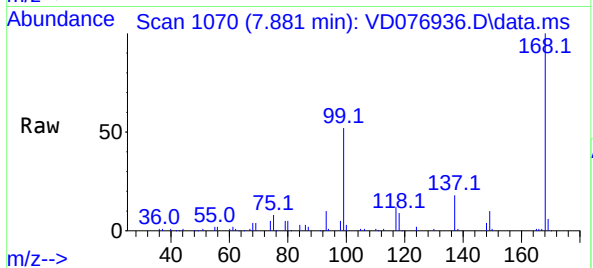
Tgt Ion: 43 Resp: 2361
Ion Ratio Lower Upper
43 100
61 53.5 14.9 22.3#
70 0.0 10.0 15.0#



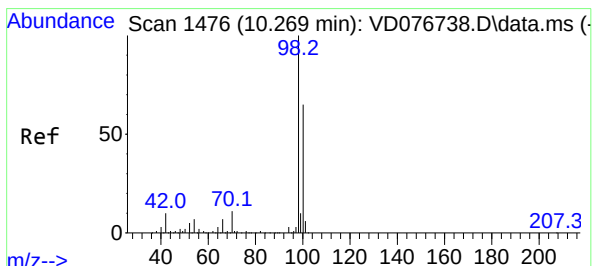
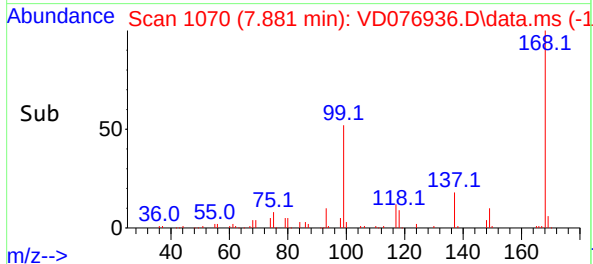
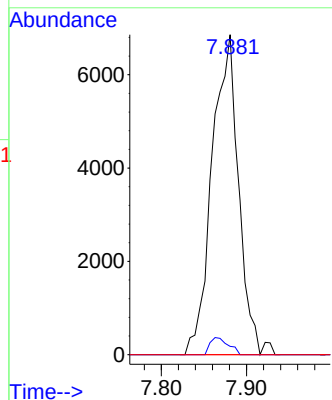


#38
Carbon Tetrachloride
Concen: 6.276 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

Instrument :
MSVOA_D
ClientSampleId :
B-PP05A

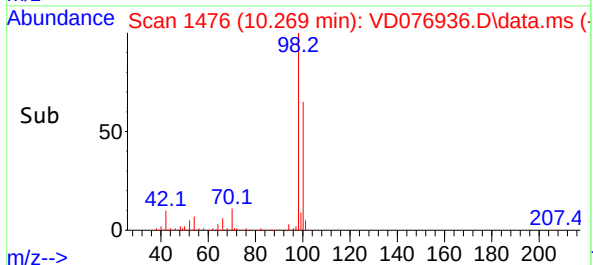
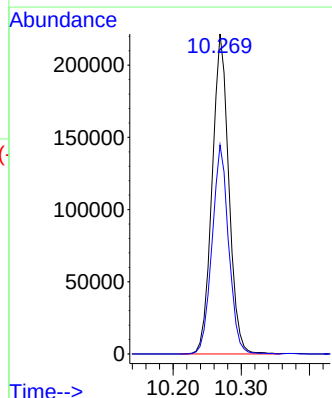
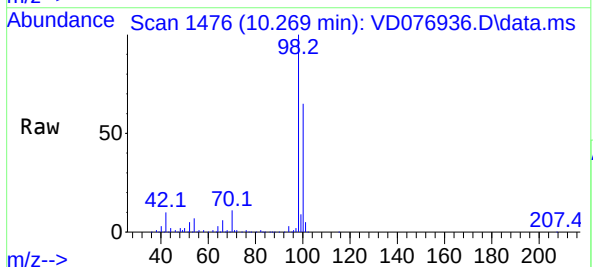


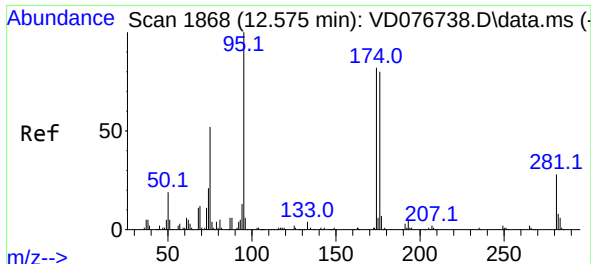
Tgt Ion:117 Resp: 14913
Ion Ratio Lower Upper
117 100
119 2.6 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 55.613 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

Tgt Ion: 98 Resp: 377801
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5

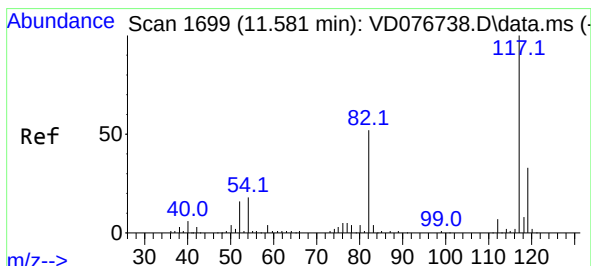
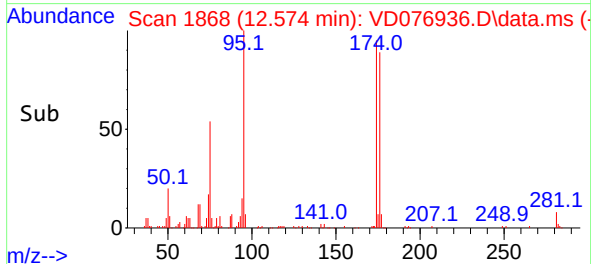
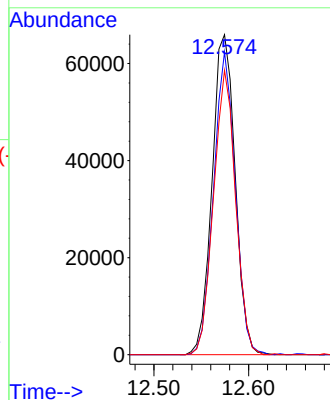
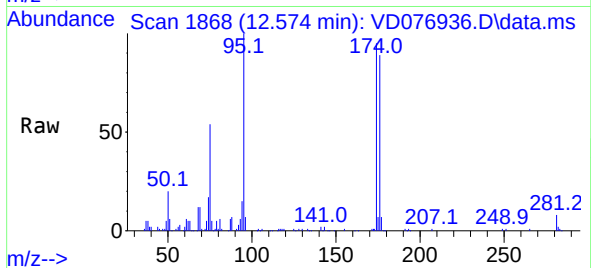




#62
4-Bromofluorobenzene
Concen: 50.777 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

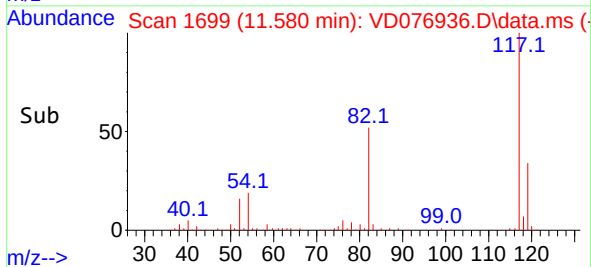
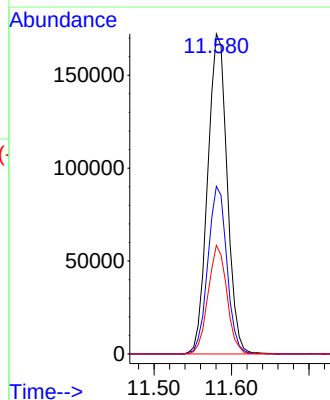
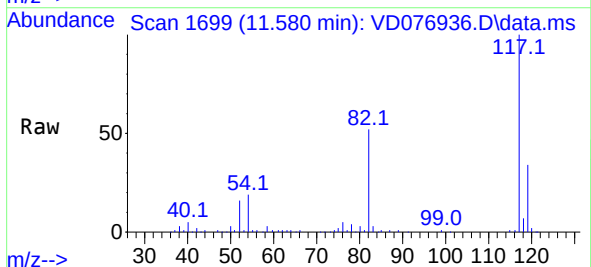
Instrument :
MSVOA_D
ClientSampleId :
B-PP05A

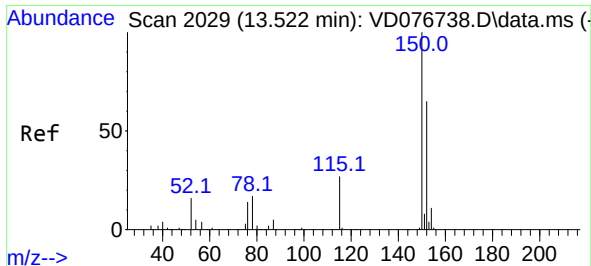
Tgt Ion: 95 Resp: 111590
Ion Ratio Lower Upper
95 100
174 89.2 0.0 201.8
176 84.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

Tgt Ion: 117 Resp: 300278
Ion Ratio Lower Upper
117 100
82 52.4 38.3 57.5
119 34.0 25.0 37.4

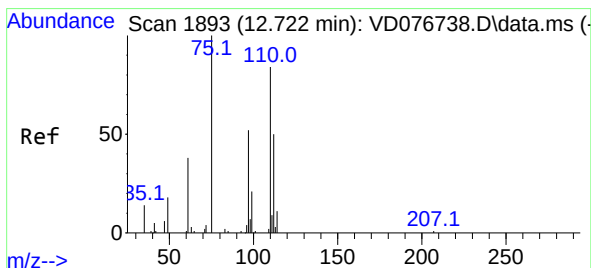
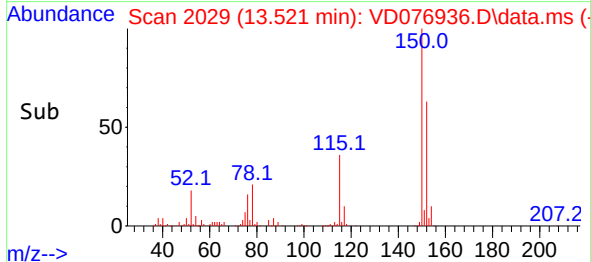
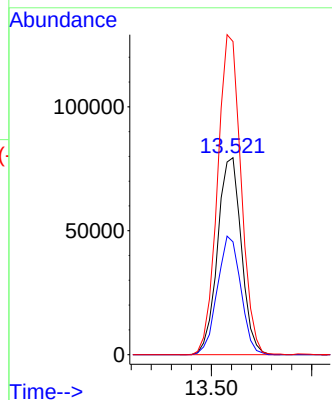
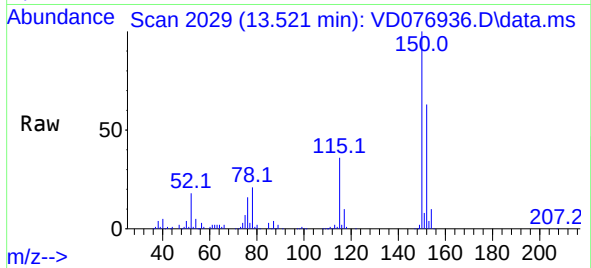




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

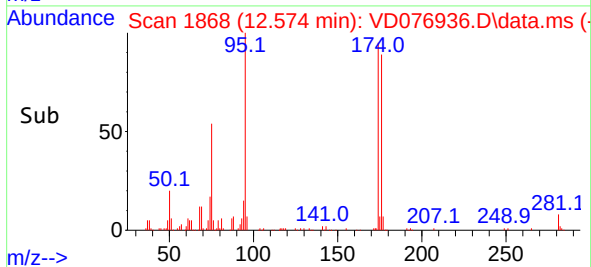
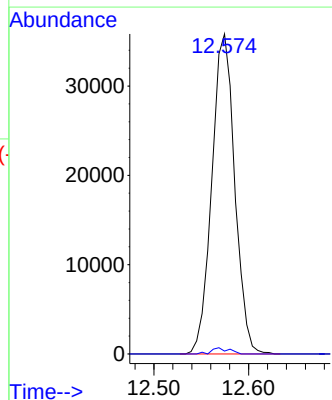
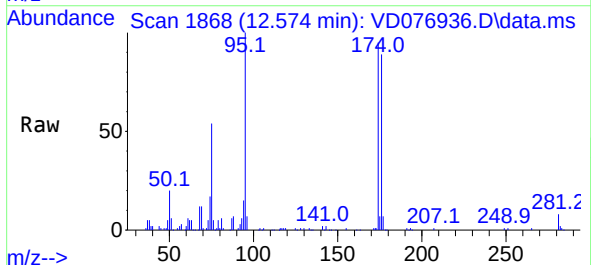
Instrument :
MSVOA_D
ClientSampleId :
B-PP05A

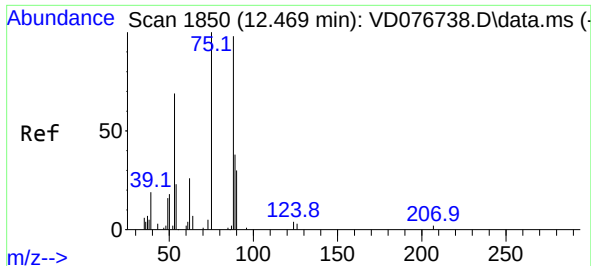
Tgt Ion:152 Resp: 130961
Ion Ratio Lower Upper
152 100
115 59.4 27.1 81.3
150 160.7 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 48.364 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.148 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

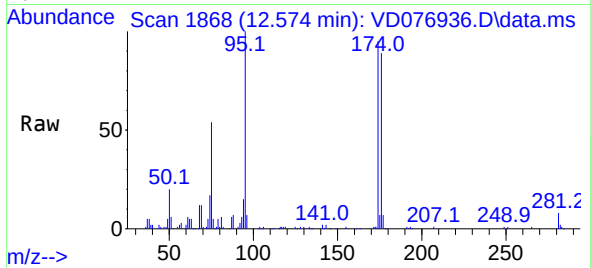
Tgt Ion: 75 Resp: 60234
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 102.932 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.105 min
Lab File: VD076936.D
Acq: 07 Aug 2023 17:32

Instrument :
MSVOA_D
ClientSampleId :
B-PP05A



Tgt Ion: 75 Resp: 60234
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.3 37.9 56.9#

