

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076345.D
 Acq On : 06 Jun 2023 17:33
 Operator : KP/SY
 Sample : 03047-05
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB33B

Quant Time: Jun 07 06:11:45 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)

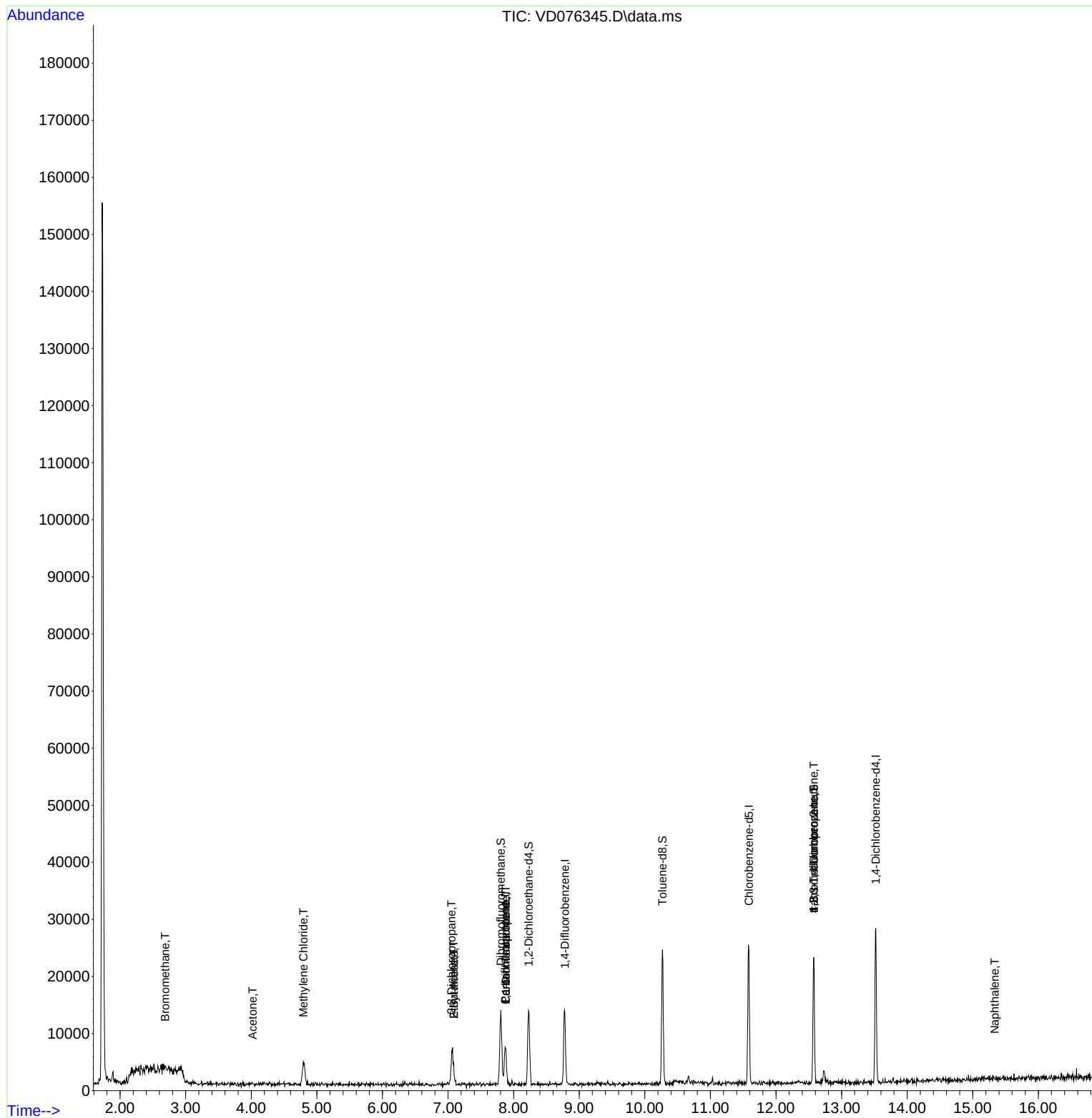
Internal Standards						
1) Pentafluorobenzene	7.875	168	7260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	14877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	16970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	10489	161.247	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 322.500%#			
35) Dibromofluoromethane	7.805	113	9330	98.773	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 197.540%#			
50) Toluene-d8	10.269	98	18191	48.369	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.740%			
62) 4-Bromofluorobenzene	12.575	95	6603	66.343	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 132.680%			
Target Compounds						Qvalue
5) Bromomethane	2.687	94	378	3.286	ug/l #	37
16) Acetone	4.022	43	70	5.875	ug/l #	32
20) Methylene Chloride	4.793	84	3541	34.257	ug/l #	88
25) 2-Butanone	7.087	43	59	3.576	ug/l #	37
26) 2,2-Dichloropropane	7.052	77	393	3.327	ug/l #	49
36) 1,1-Dichloropropene	7.881	75	633	4.664	ug/l #	39
37) Ethyl Acetate	7.087	43	59	1.318	ug/l #	62
38) Carbon Tetrachloride	7.881	117	277	2.328	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	3766	47.531	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	3766	113.840	ug/l #	17
95) Naphthalene	15.334	128	252	4.069	ug/l #	69

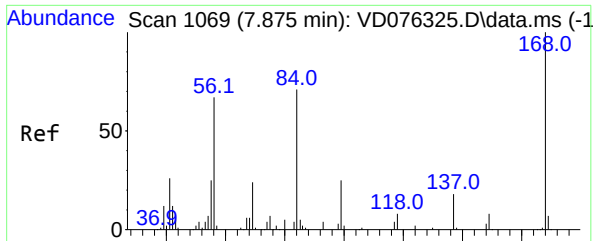
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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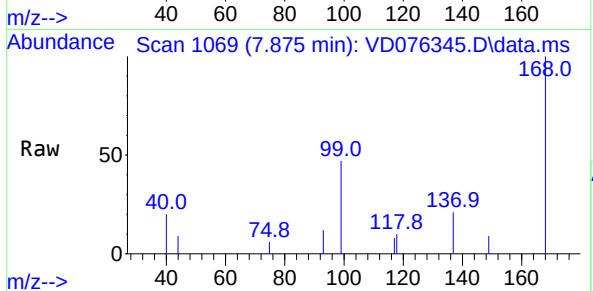
Quant Time: Jun 07 06:11:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
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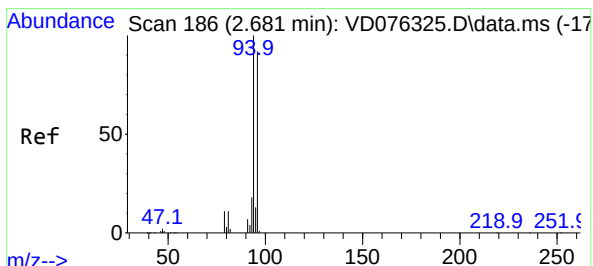
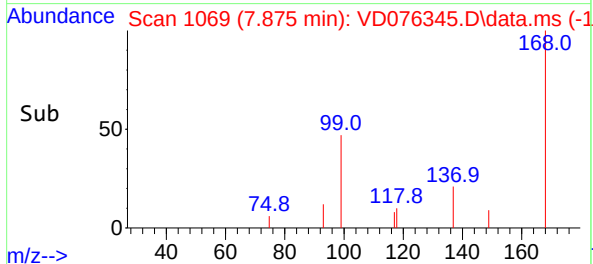
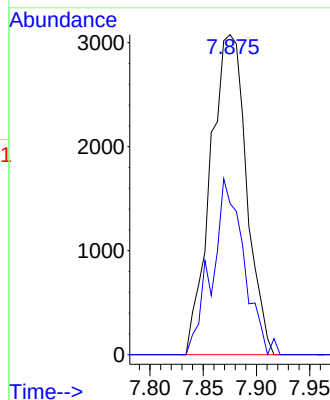


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

Instrument :
MSVOA_D
ClientSampleId :
SB33B

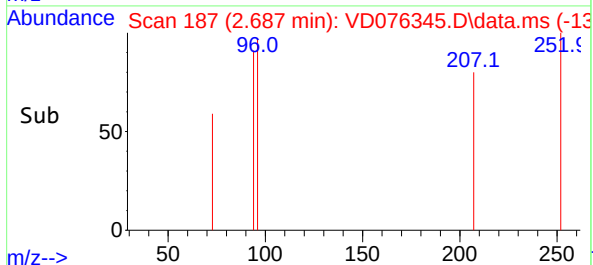
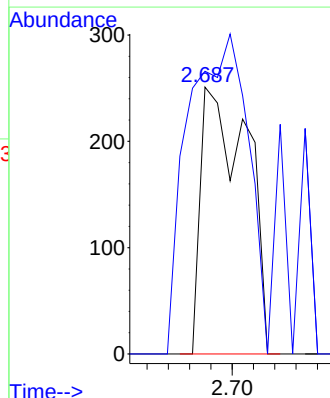
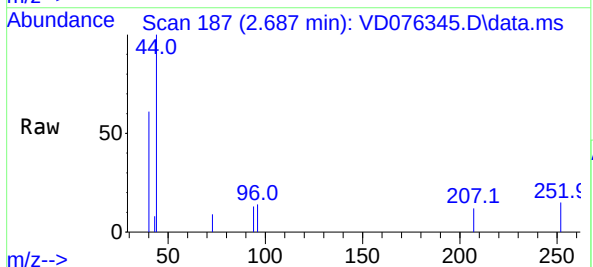


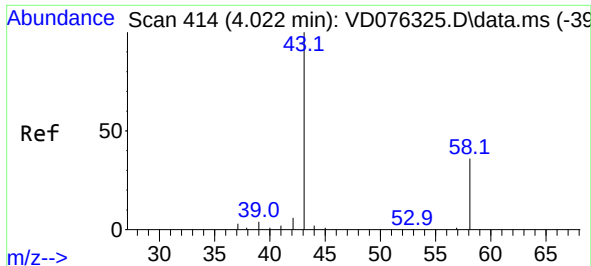
Tgt Ion:168 Resp: 7260
Ion Ratio Lower Upper
168 100
99 47.2 36.7 55.1



#5
Bromomethane
Concen: 3.286 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.006 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

Tgt Ion: 94 Resp: 378
Ion Ratio Lower Upper
94 100
96 155.6 75.8 113.8#

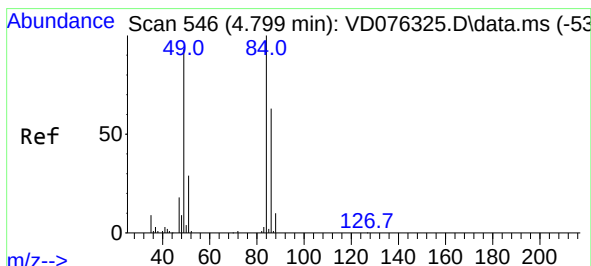
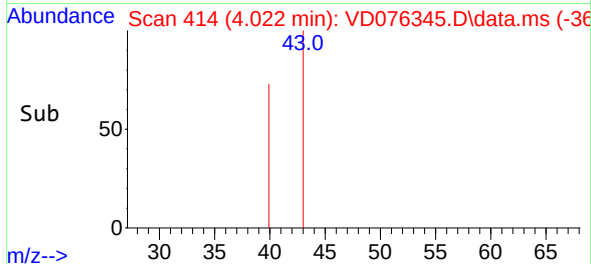
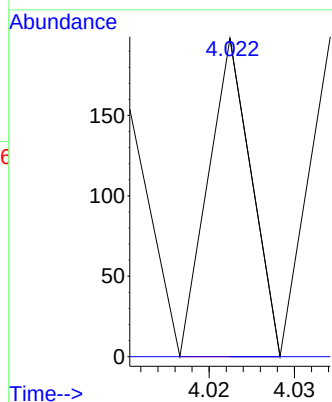
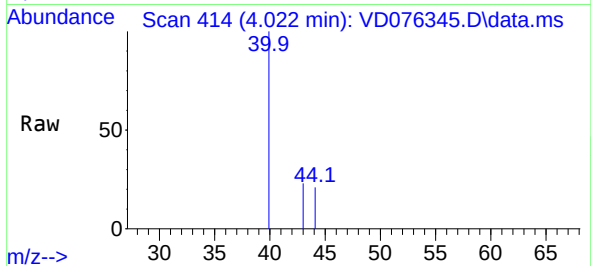




#16
Acetone
Concen: 5.875 ug/l
RT: 4.022 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

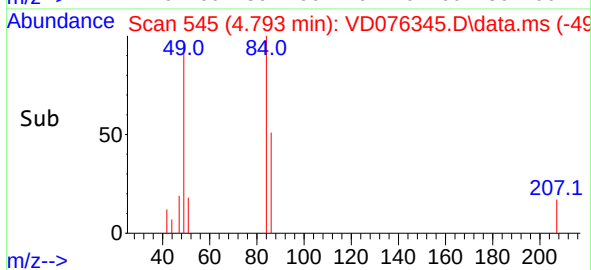
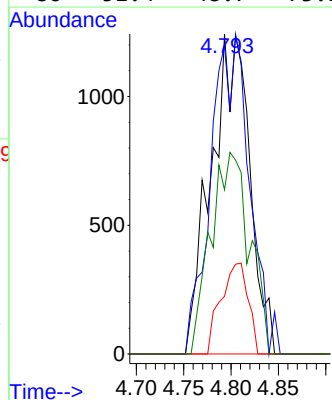
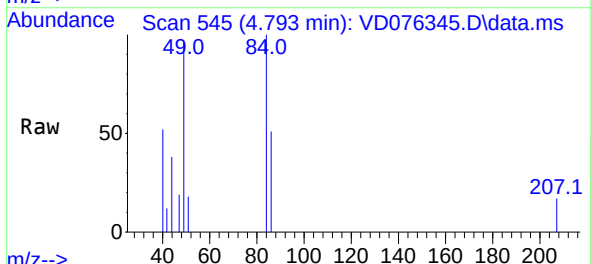
Instrument :
MSVOA_D
ClientSampleId :
SB33B

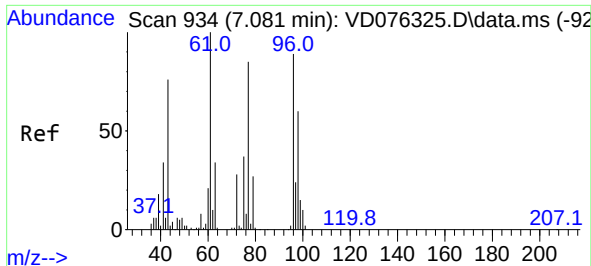
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: 34.257 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

Tgt Ion: 84 Resp: 3541
Ion Ratio Lower Upper
84 100
49 96.5 71.4 107.2
51 18.0 24.5 36.7#
86 51.4 48.7 73.1





#25

2-Butanone

Concen: 3.576 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076345.D

Acq: 06 Jun 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

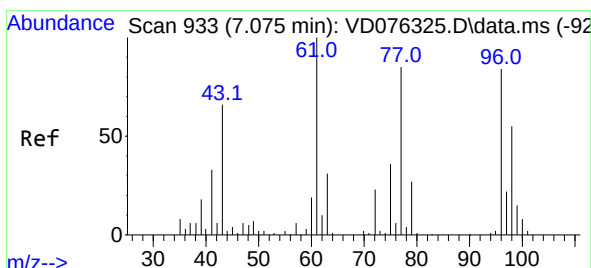
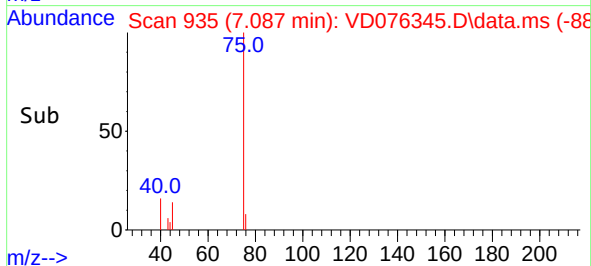
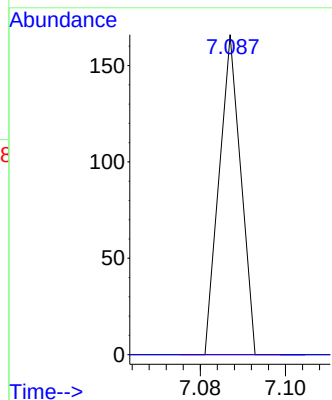
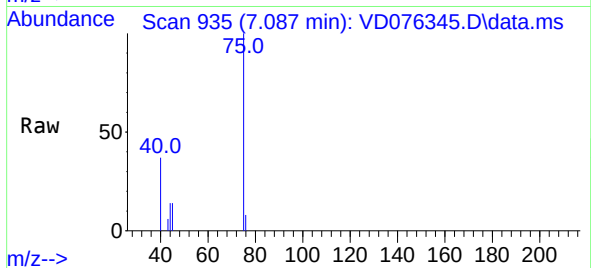
SB33B

Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 3.327 ug/l

RT: 7.052 min Scan# 929

Delta R.T. -0.023 min

Lab File: VD076345.D

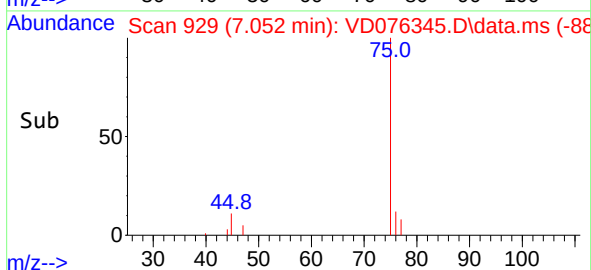
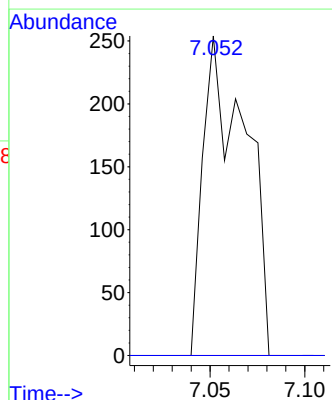
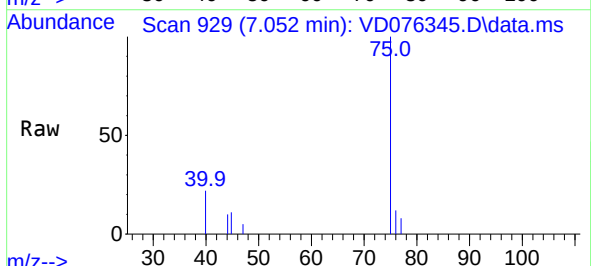
Acq: 06 Jun 2023 17:33

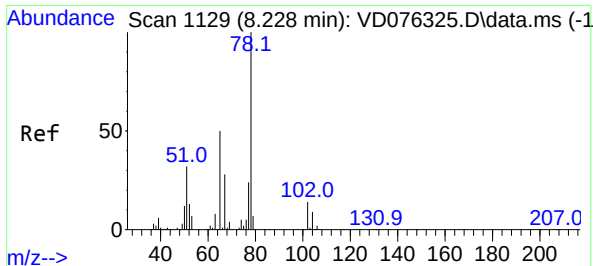
Tgt Ion: 77 Resp: 393

Ion Ratio Lower Upper

77 100

97 0.0 13.2 39.6#

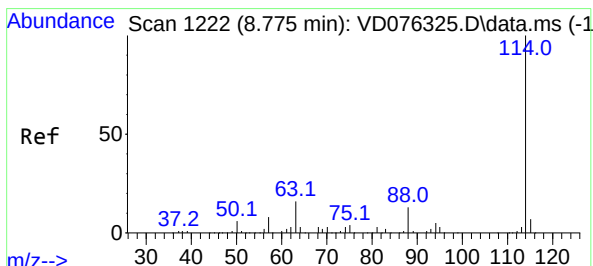
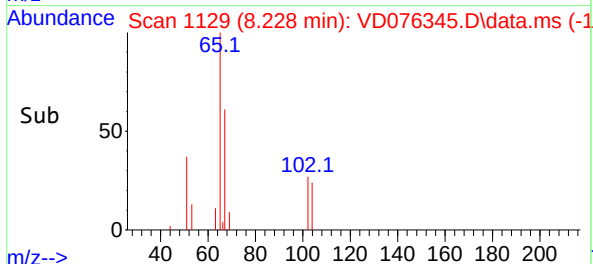
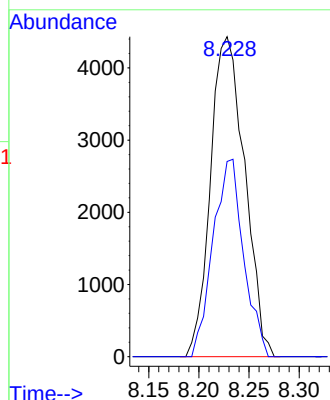
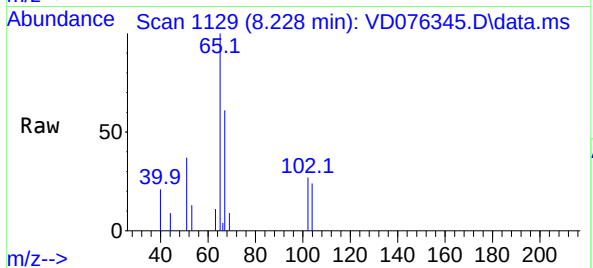




#33
1,2-Dichloroethane-d4
Concen: 161.247 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

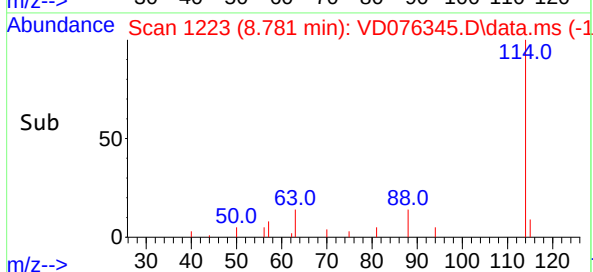
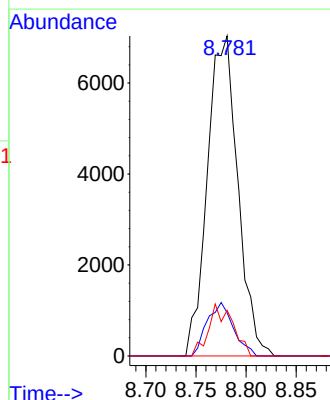
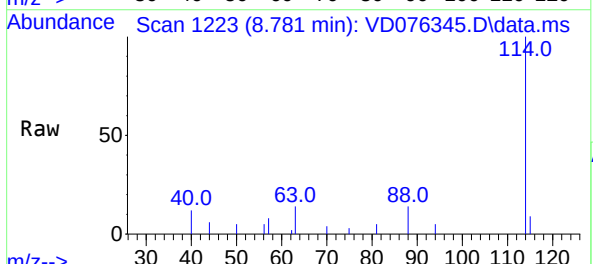
Instrument :
MSVOA_D
ClientSampleId :
SB33B

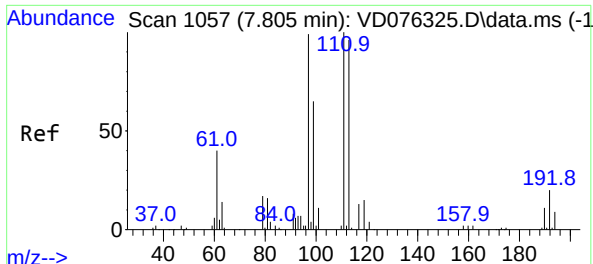
Tgt Ion: 65 Resp: 10489
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

Tgt Ion: 114 Resp: 14877
Ion Ratio Lower Upper
114 100
63 13.6 0.0 33.4
88 14.3 0.0 26.2

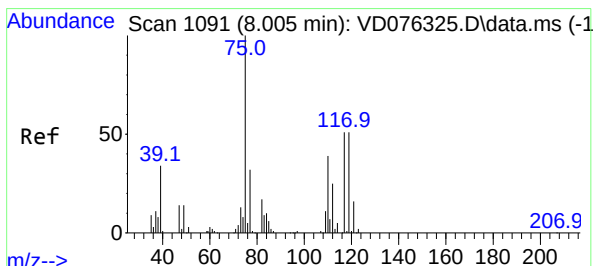
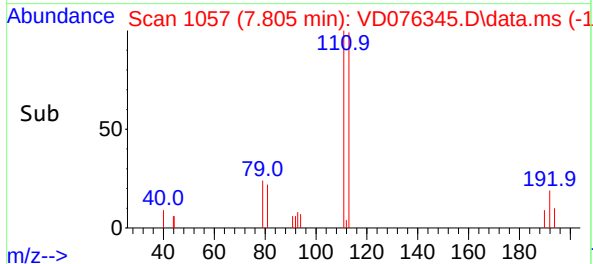
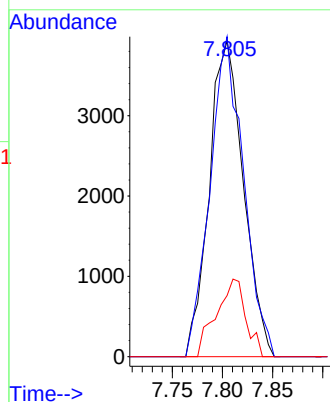
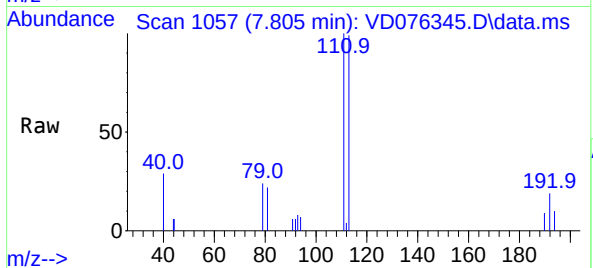




#35
Dibromofluoromethane
Concen: 98.773 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

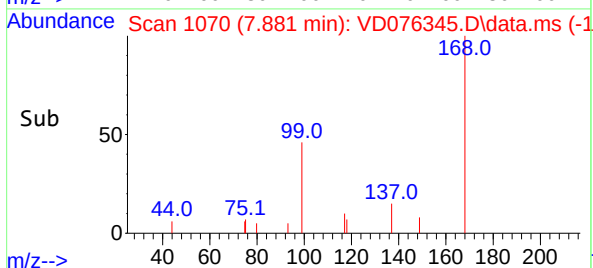
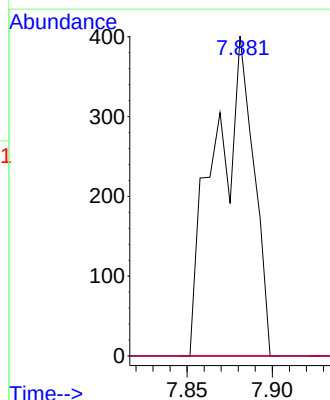
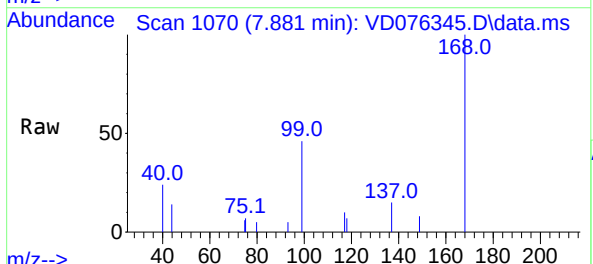
Instrument :
MSVOA_D
ClientSampleId :
SB33B

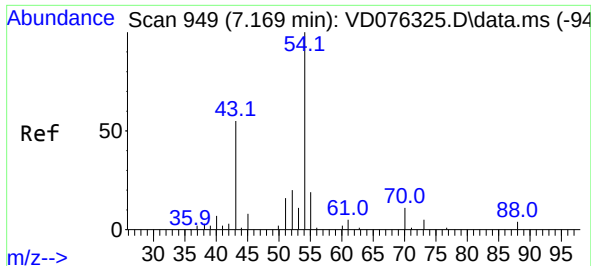
Tgt Ion:113 Resp: 9330
Ion Ratio Lower Upper
113 100
111 99.2 84.7 127.1
192 21.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.664 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.123 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

Tgt Ion: 75 Resp: 633
Ion Ratio Lower Upper
75 100
110 0.0 19.9 59.6#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.318 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.082 min

Lab File: VD076345.D

Acq: 06 Jun 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

SB33B

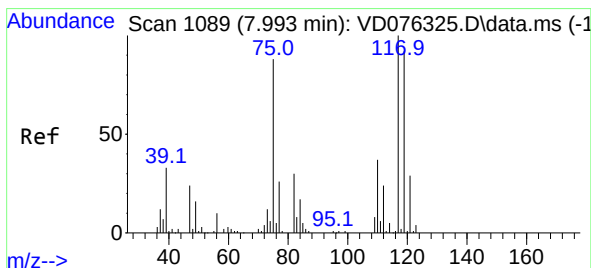
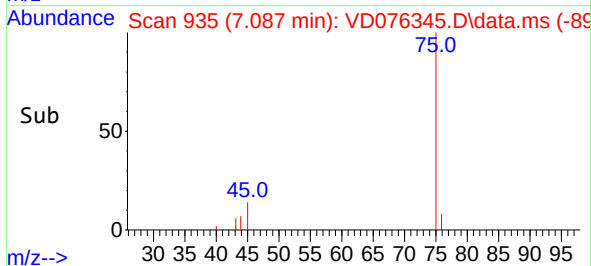
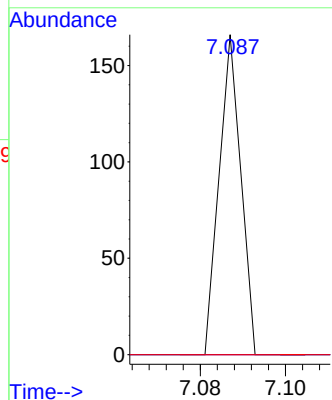
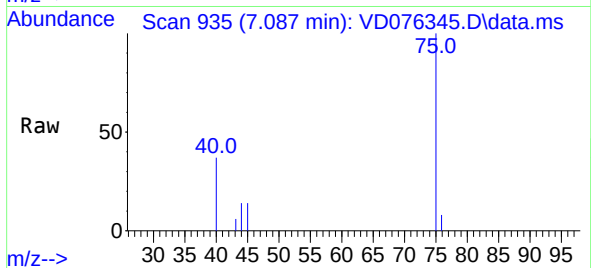
Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

70 0.0 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 2.328 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD076345.D

Acq: 06 Jun 2023 17:33

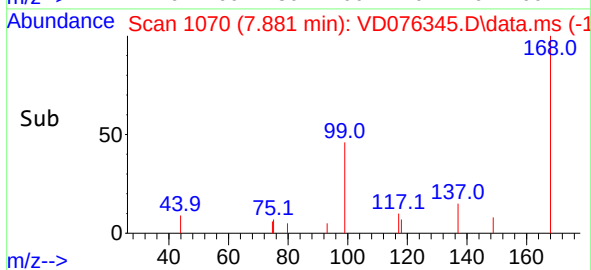
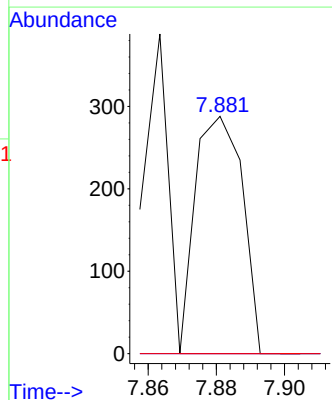
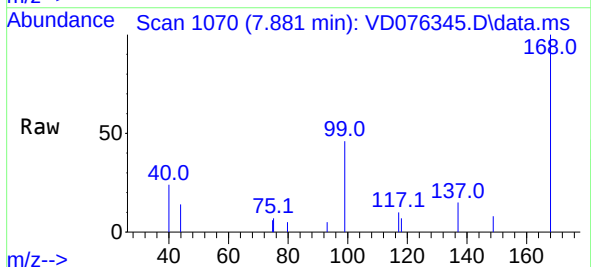
Tgt Ion: 117 Resp: 277

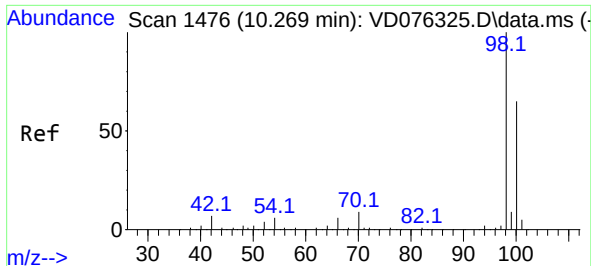
Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#

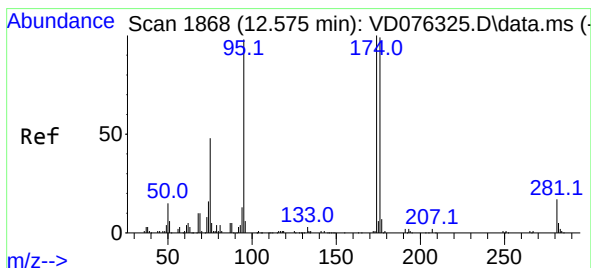
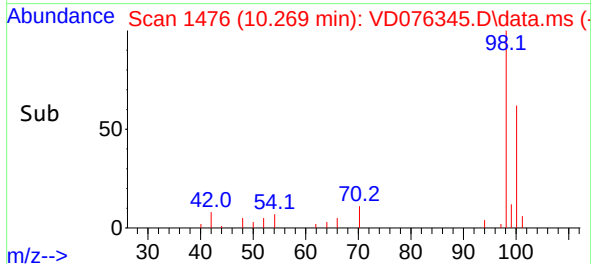
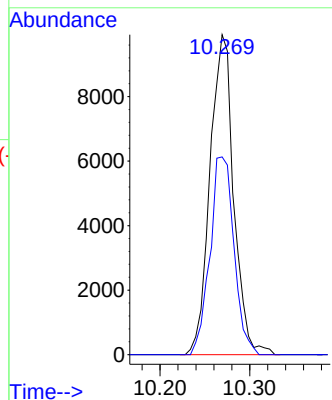
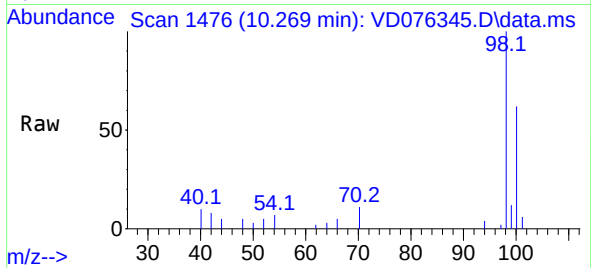




#50
Toluene-d8
Concen: 48.369 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

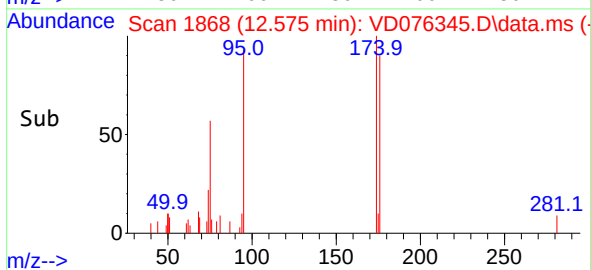
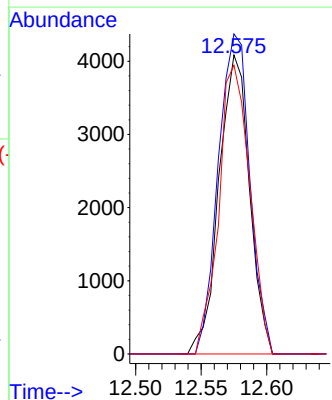
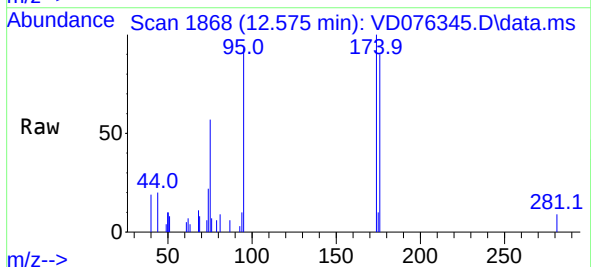
Instrument :
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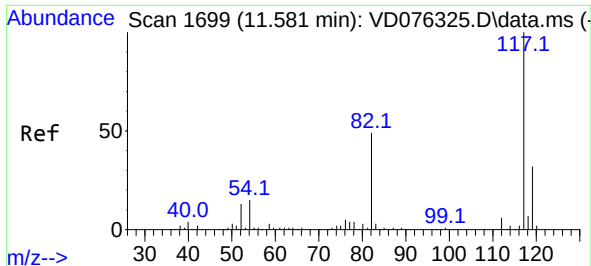
Tgt Ion: 98 Resp: 18191
Ion Ratio Lower Upper
98 100
100 62.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 66.343 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

Tgt Ion: 95 Resp: 6603
Ion Ratio Lower Upper
95 100
174 110.7 0.0 201.8
176 98.5 0.0 191.8

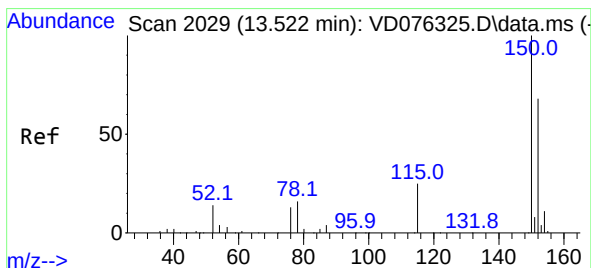
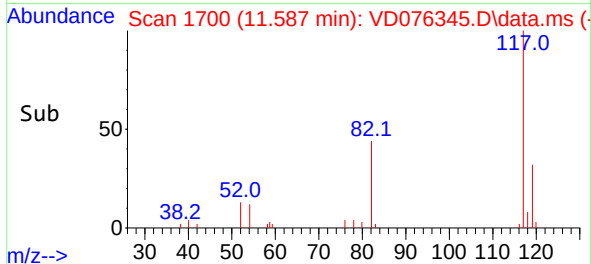
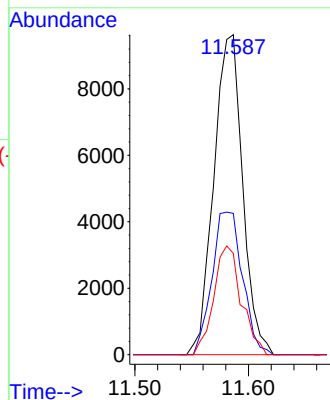
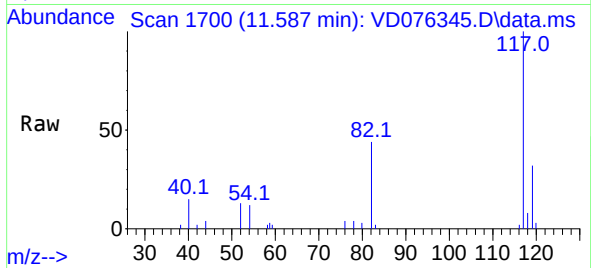




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

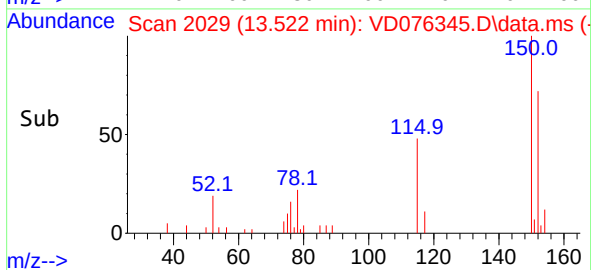
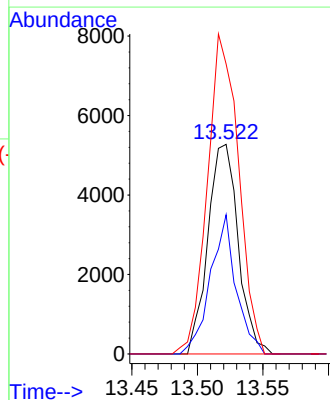
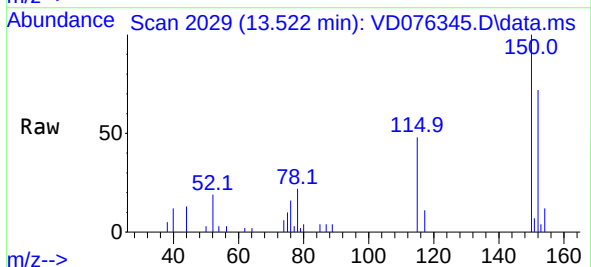
Instrument :
MSVOA_D
ClientSampleId :
SB33B

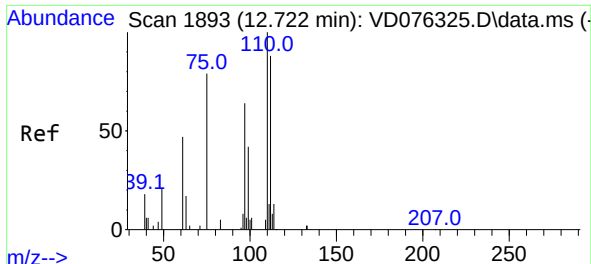
Tgt Ion:117 Resp: 16970
Ion Ratio Lower Upper
117 100
82 44.1 38.3 57.5
119 31.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

Tgt Ion:152 Resp: 8488
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 156.8 0.0 353.6

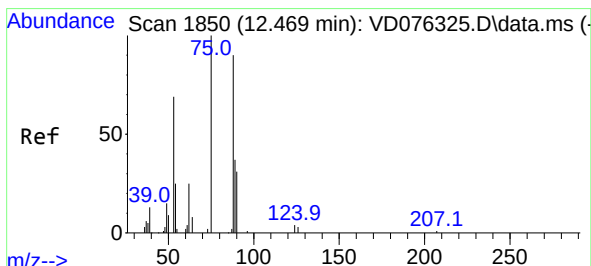
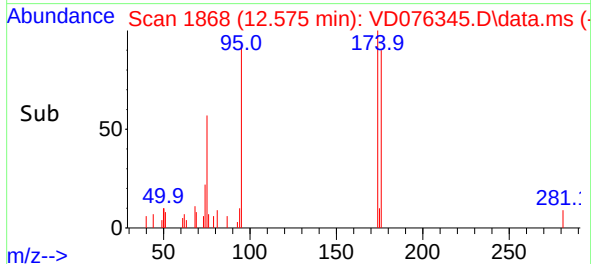
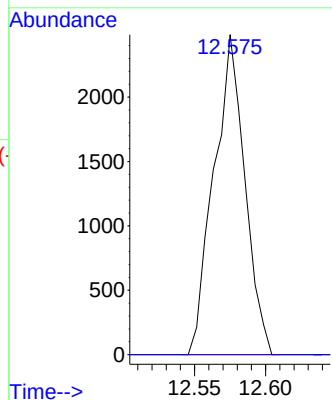
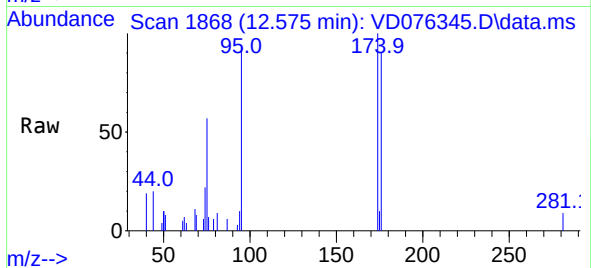




#76
1,2,3-Trichloropropane
Concen: 47.531 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

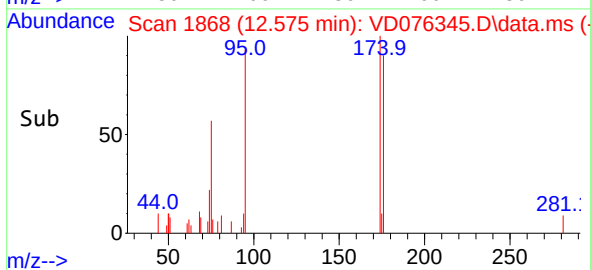
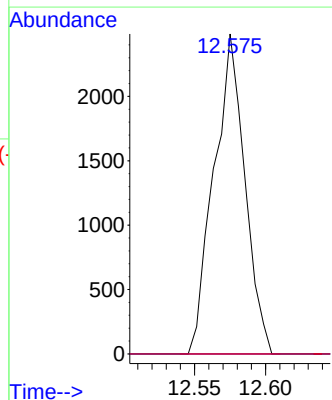
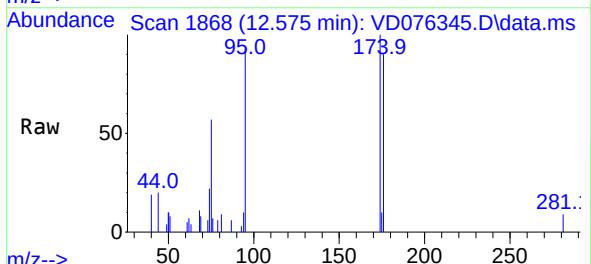
Instrument :
MSVOA_D
ClientSampleId :
SB33B

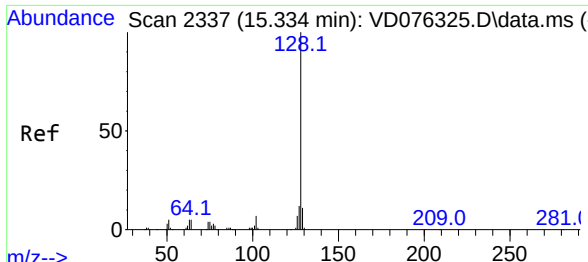
Tgt Ion: 75 Resp: 3766
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 113.840 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076345.D
Acq: 06 Jun 2023 17:33

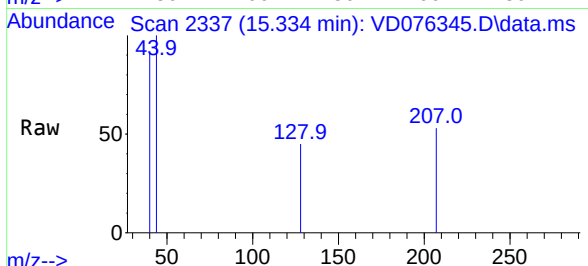
Tgt Ion: 75 Resp: 3766
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
 Naphthalene
 Concen: 4.069 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076345.D
 Acq: 06 Jun 2023 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 SB33B



Tgt Ion:	128	Resp:	252
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

