

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076847.D
 Acq On : 28 Jul 2023 11:36
 Operator : KP/SY
 Sample : VD0728SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBL01

Quant Time: Jul 28 23:00:35 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)

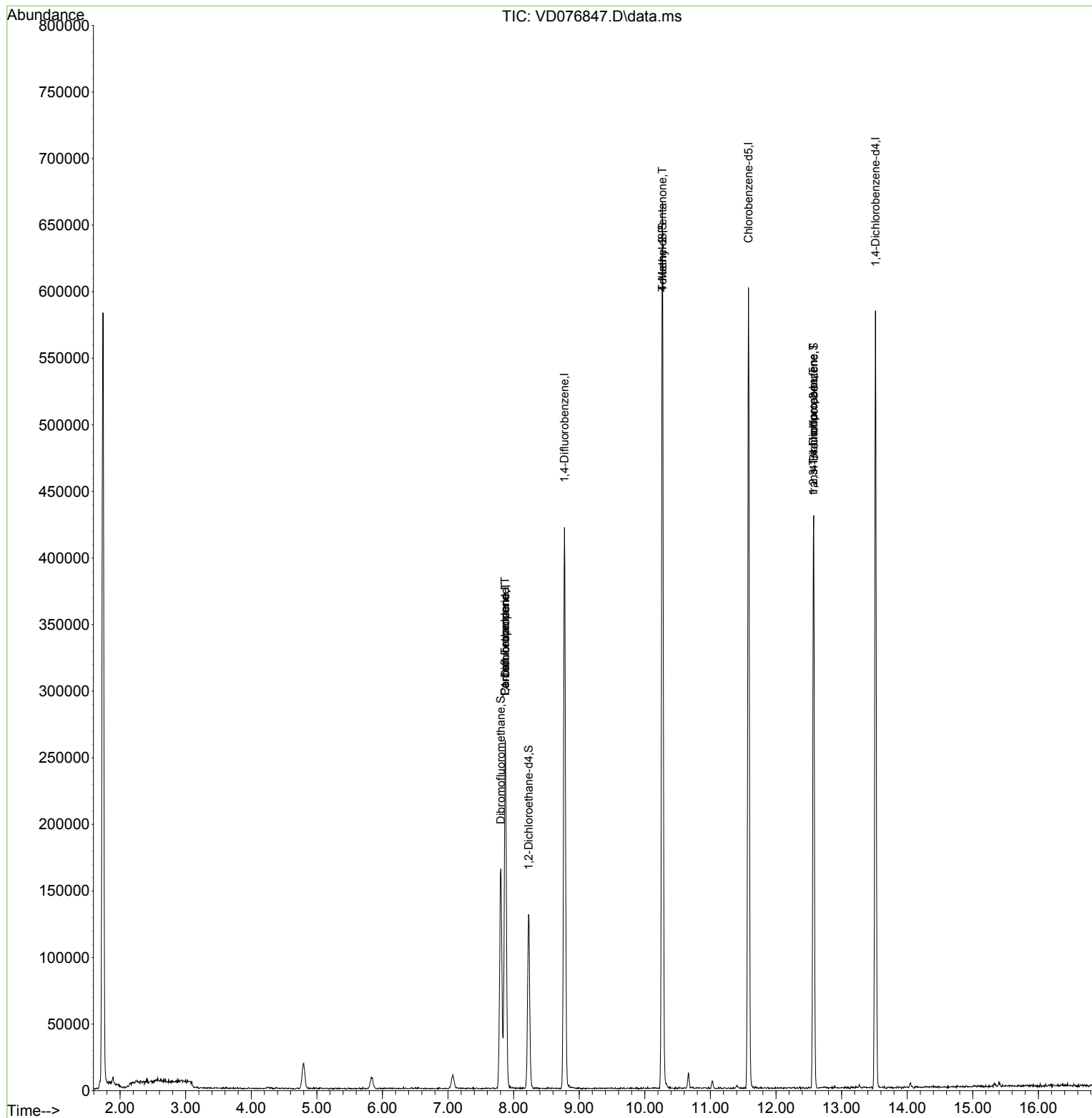
Internal Standards						
1) Pentafluorobenzene	7.869	168	202317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	392273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	354478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99037	49.146	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.300%		
35) Dibromofluoromethane	7.805	113	123188	49.973	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.940%		
50) Toluene-d8	10.269	98	467636	53.029	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	106.060%		
62) 4-Bromofluorobenzene	12.575	95	132098	46.305	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.600%		
Target Compounds						
20) Methylene Chloride	4.799	84	14991	Below Cal	#	84
36) 1,1-Dichloropropene	7.875	75	16337	5.072	ug/l #	47
38) Carbon Tetrachloride	7.869	117	19890	6.449	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	1844	1.232	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	71339	49.427	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	71339	105.194	ug/l #	17

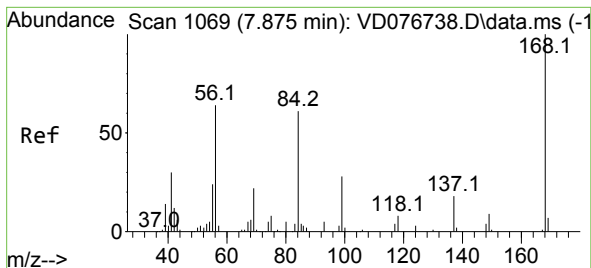
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076847.D

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Instrument :

MSVOA_D

ClientSampleId :

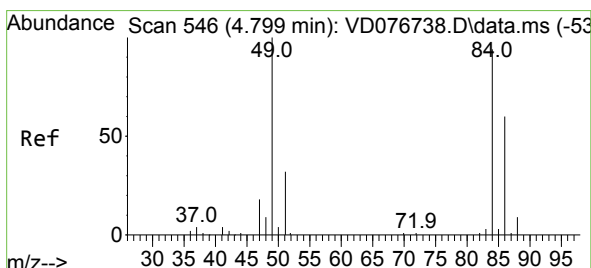
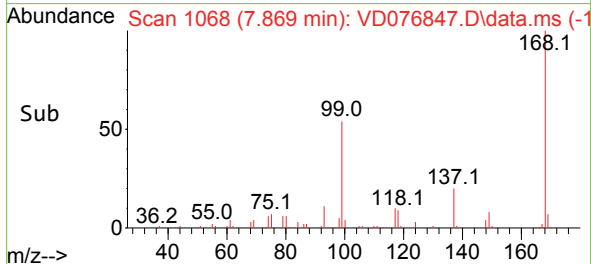
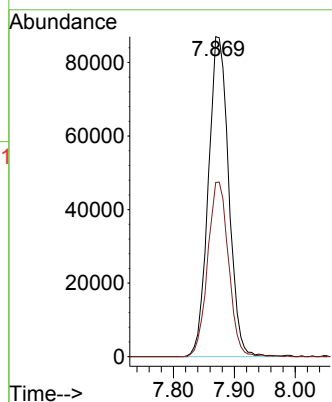
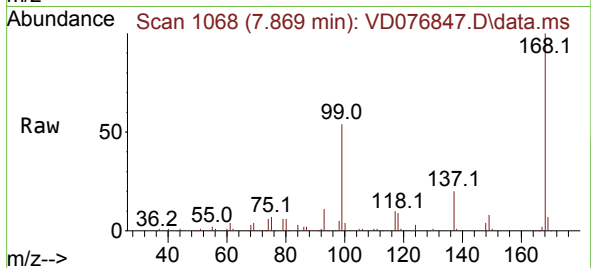
VD0728SBL01

Tgt Ion:168 Resp: 202317

Ion Ratio Lower Upper

168 100

99 54.5 36.7 55.1



#20

Methylene Chloride

Concen: Below Cal

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076847.D

Acq: 28 Jul 2023 11:36

Tgt Ion: 84 Resp: 14991

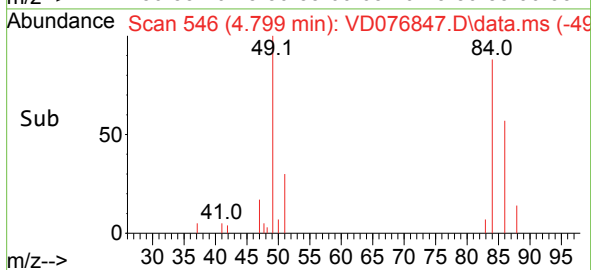
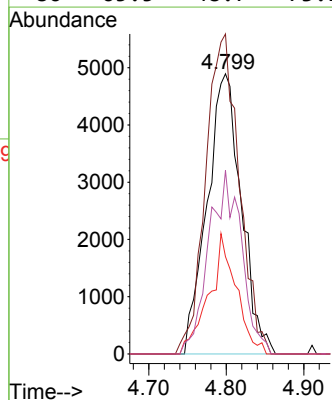
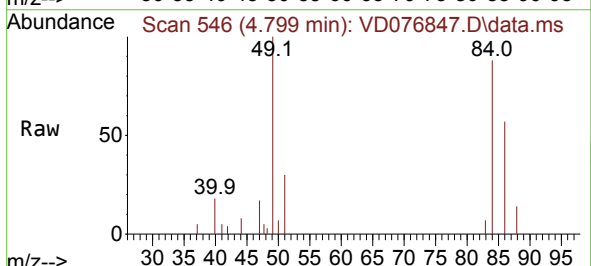
Ion Ratio Lower Upper

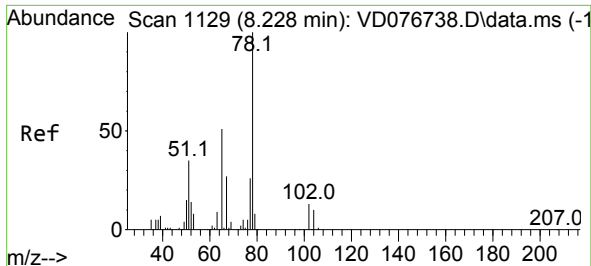
84 100

49 114.2 71.4 107.2#

51 34.7 24.5 36.7

86 65.5 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 49.146 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076847.D

Acq: 28 Jul 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

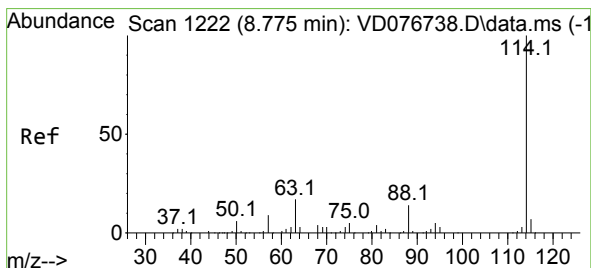
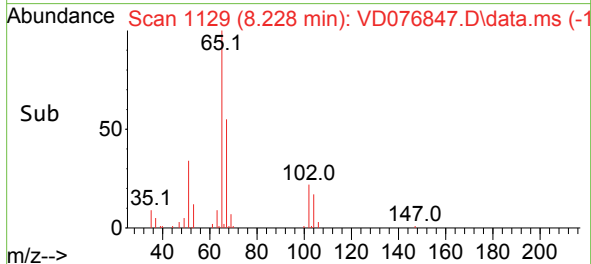
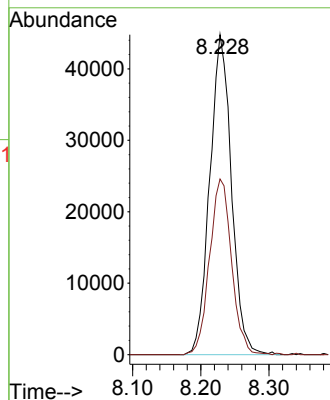
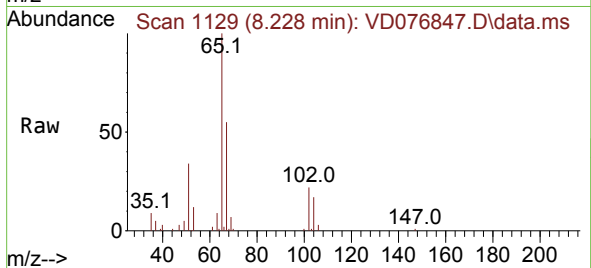
VD0728SBL01

Tgt Ion: 65 Resp: 99037

Ion Ratio Lower Upper

65 100

67 55.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076847.D

Acq: 28 Jul 2023 11:36

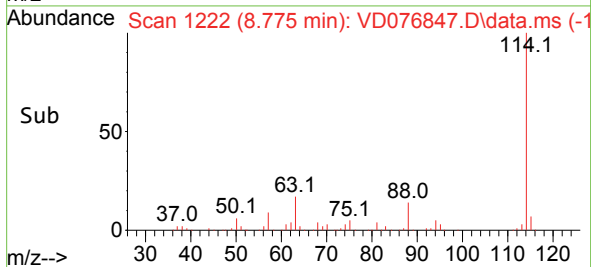
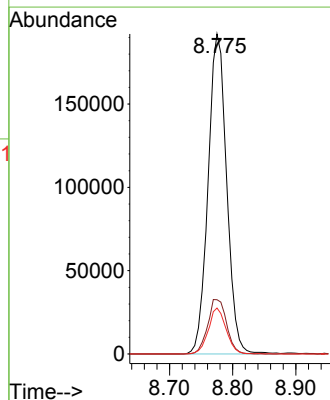
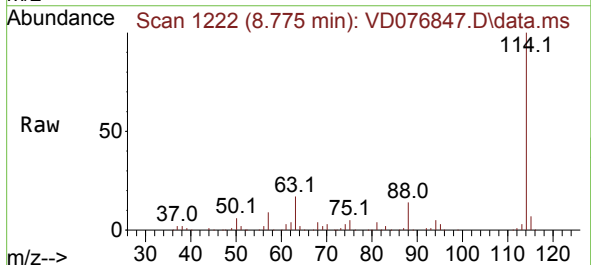
Tgt Ion: 114 Resp: 392273

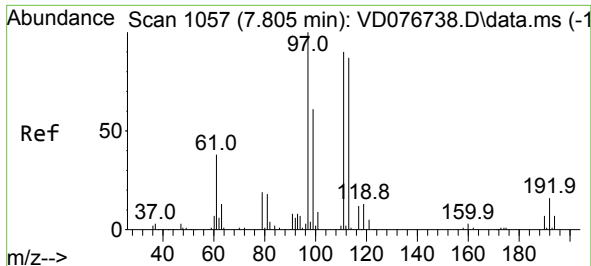
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 14.4 0.0 26.2

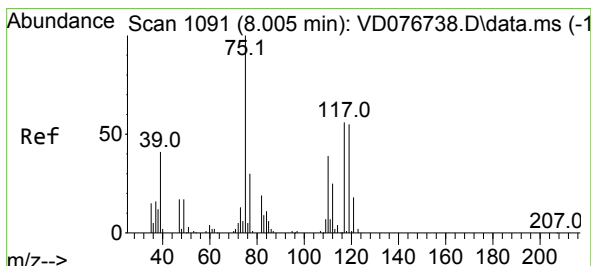
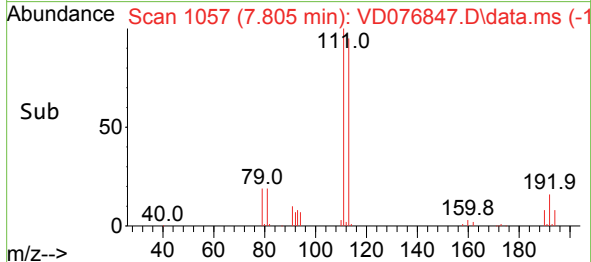
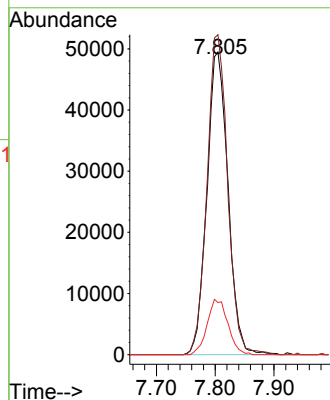
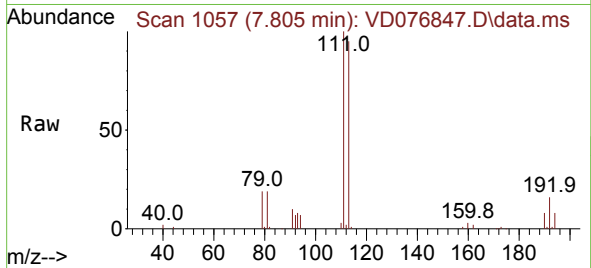




#35
Dibromofluoromethane
Concen: 49.973 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

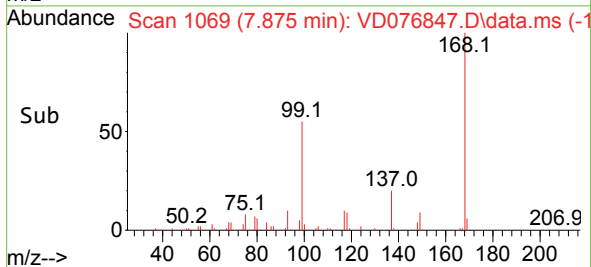
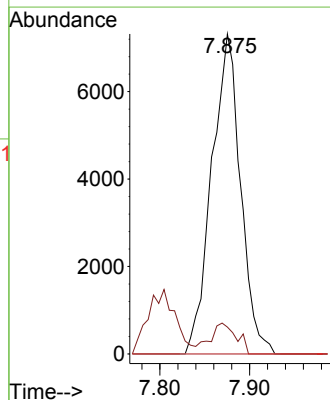
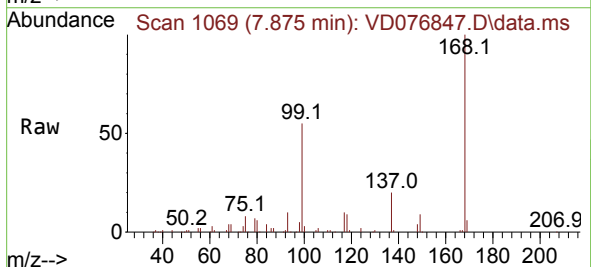
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

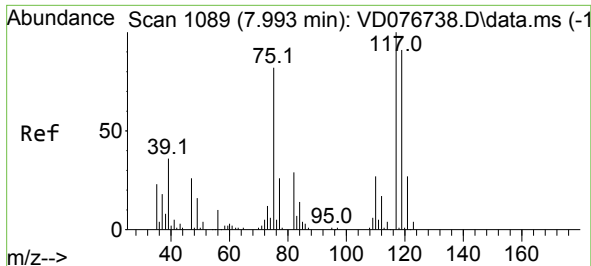
Tgt Ion:113 Resp: 123188
Ion Ratio Lower Upper
113 100
111 103.7 84.7 127.1
192 18.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.072 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

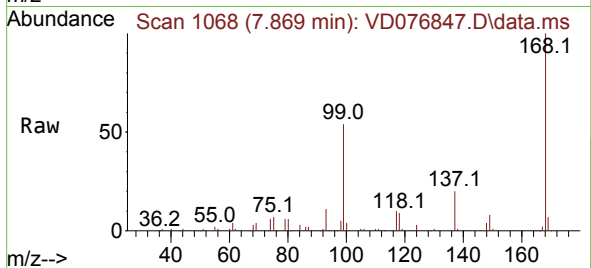
Tgt Ion: 75 Resp: 16337
Ion Ratio Lower Upper
75 100
110 8.7 19.9 59.6#
77 0.0 24.7 37.1#



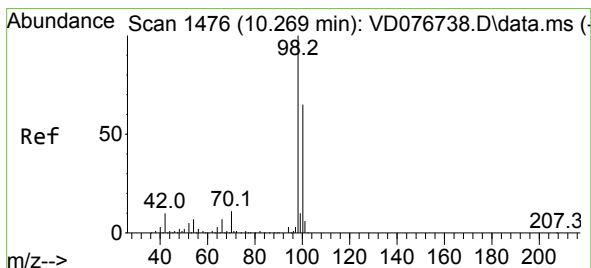
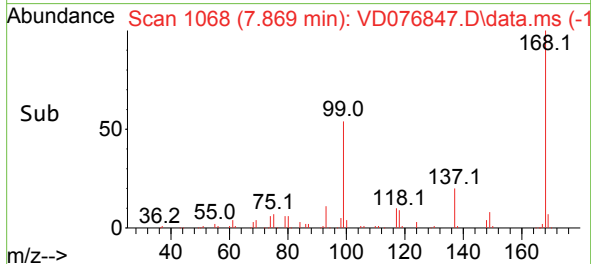
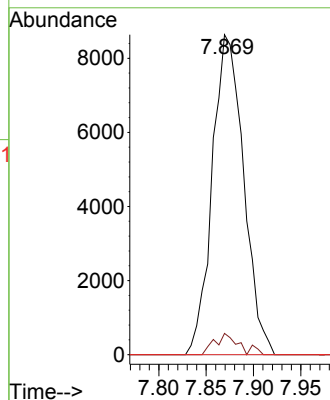


#38
Carbon Tetrachloride
Concen: 6.449 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

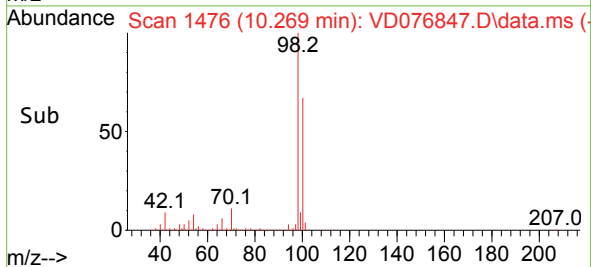
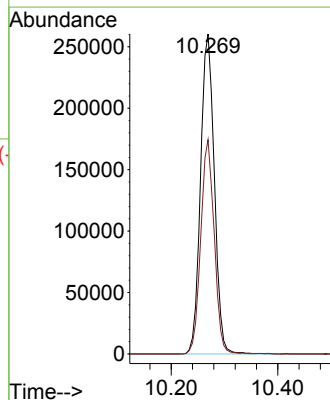
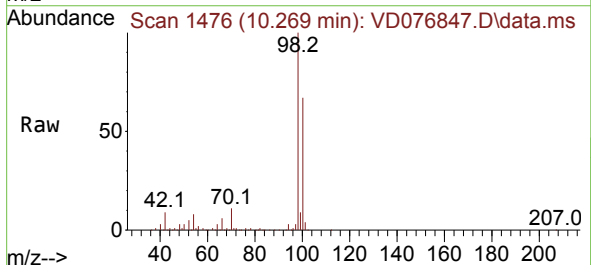


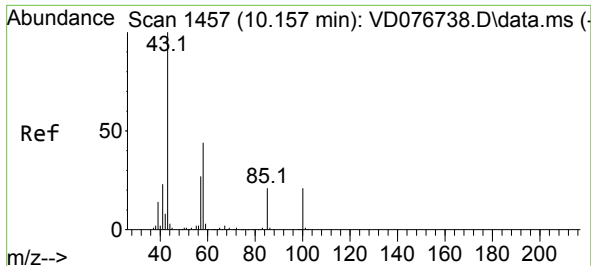
Tgt Ion:117 Resp: 19890
Ion Ratio Lower Upper
117 100
119 6.6 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.029 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

Tgt Ion: 98 Resp: 467636
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5

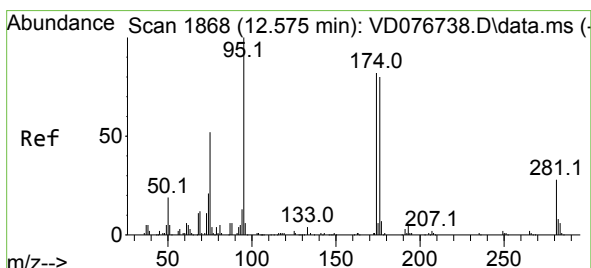
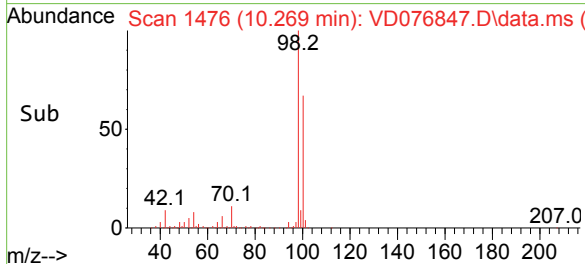
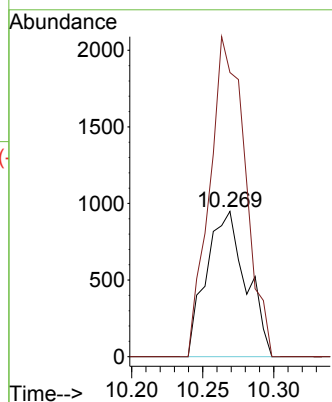
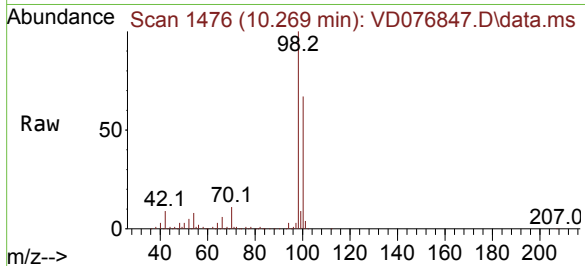




#51
4-Methyl-2-Pentanone
Concen: 1.232 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

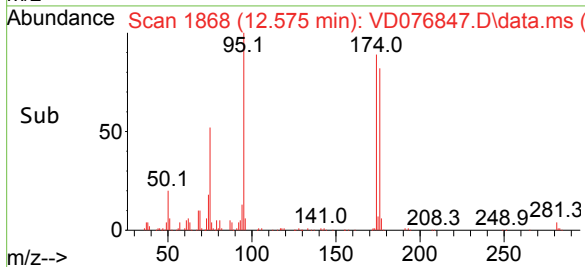
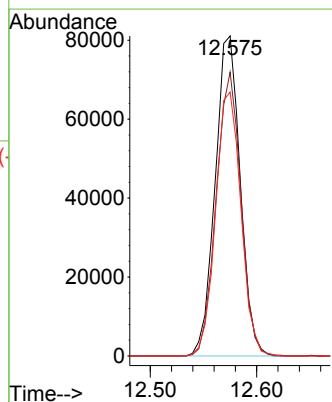
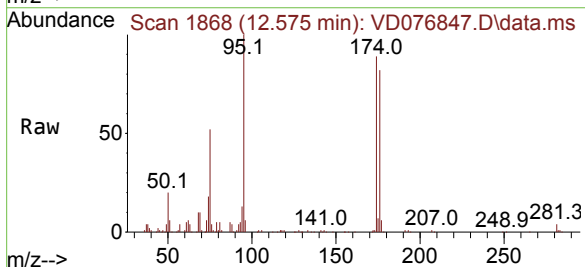
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MSVOA_D
ClientSampleId :
VD0728SBL01

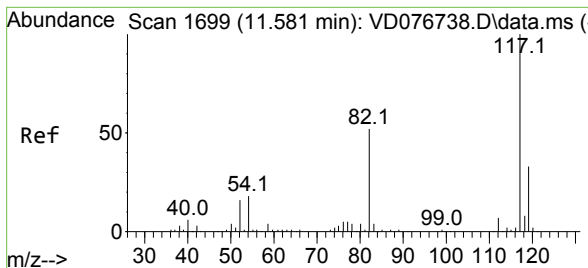
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
58 197.7 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 46.305 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

Tgt Ion: 95 Resp: 132098
Ion Ratio Lower Upper
95 100
174 87.8 0.0 201.8
176 83.5 0.0 191.8

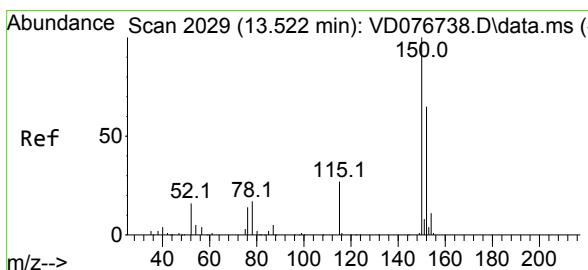
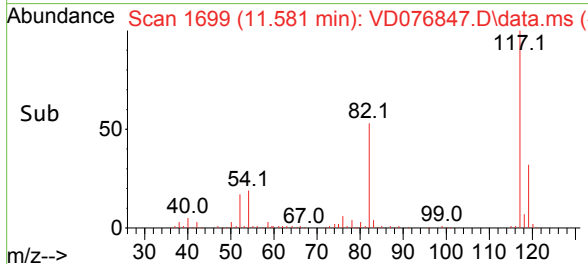
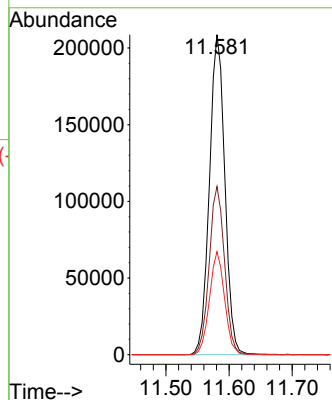
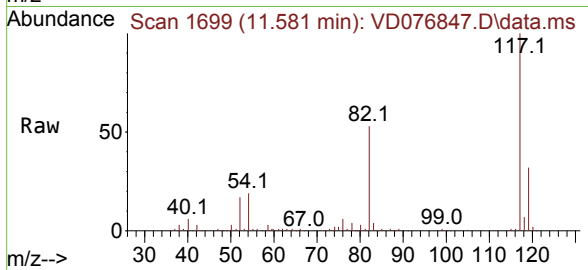




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

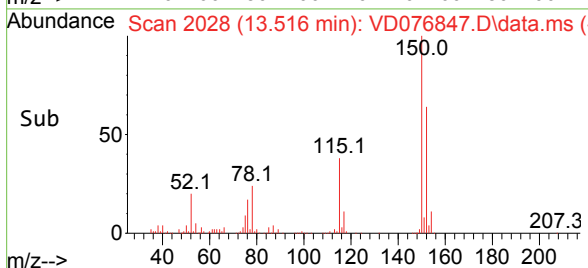
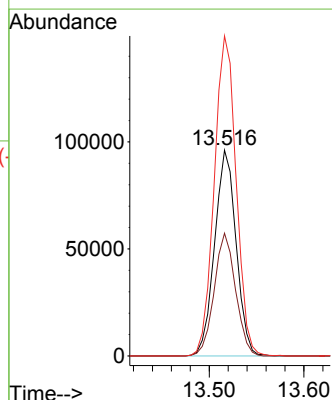
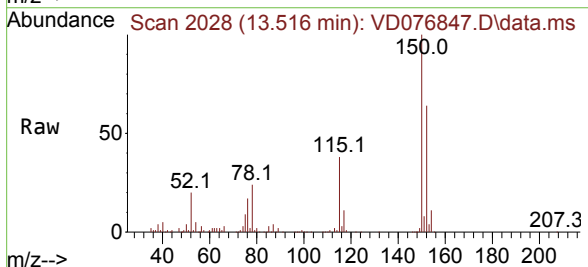
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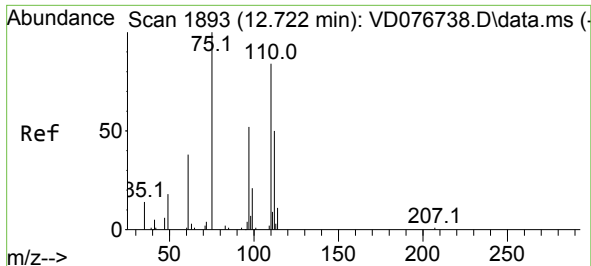
Tgt Ion:117 Resp: 354478
Ion Ratio Lower Upper
117 100
82 52.6 38.3 57.5
119 32.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

Tgt Ion:152 Resp: 151770
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 158.2 0.0 353.6

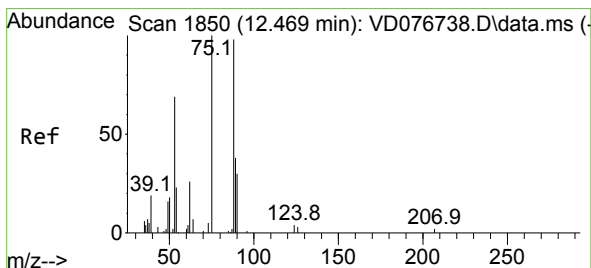
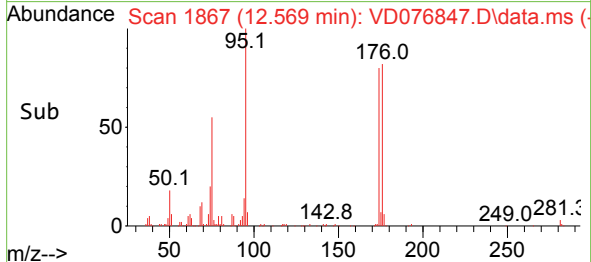
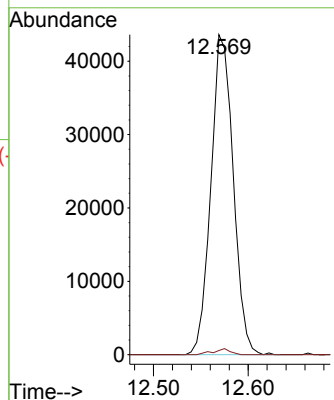
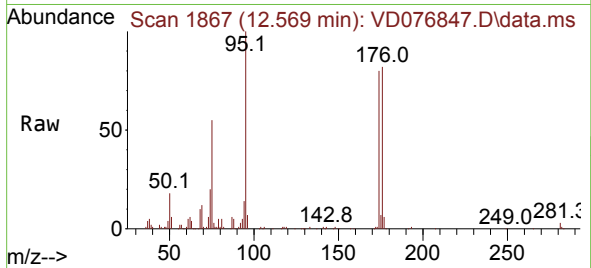




#76
1,2,3-Trichloropropane
Concen: 49.427 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

Tgt Ion: 75 Resp: 71339
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.194 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

Tgt Ion: 75 Resp: 71339
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.3 37.9 56.9#

