

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076791.D
 Acq On : 19 Jul 2023 15:26
 Operator : KP/SY
 Sample : 03657-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BERGENSWITCH-COMP1

Quant Time: Jul 20 04:59:55 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)

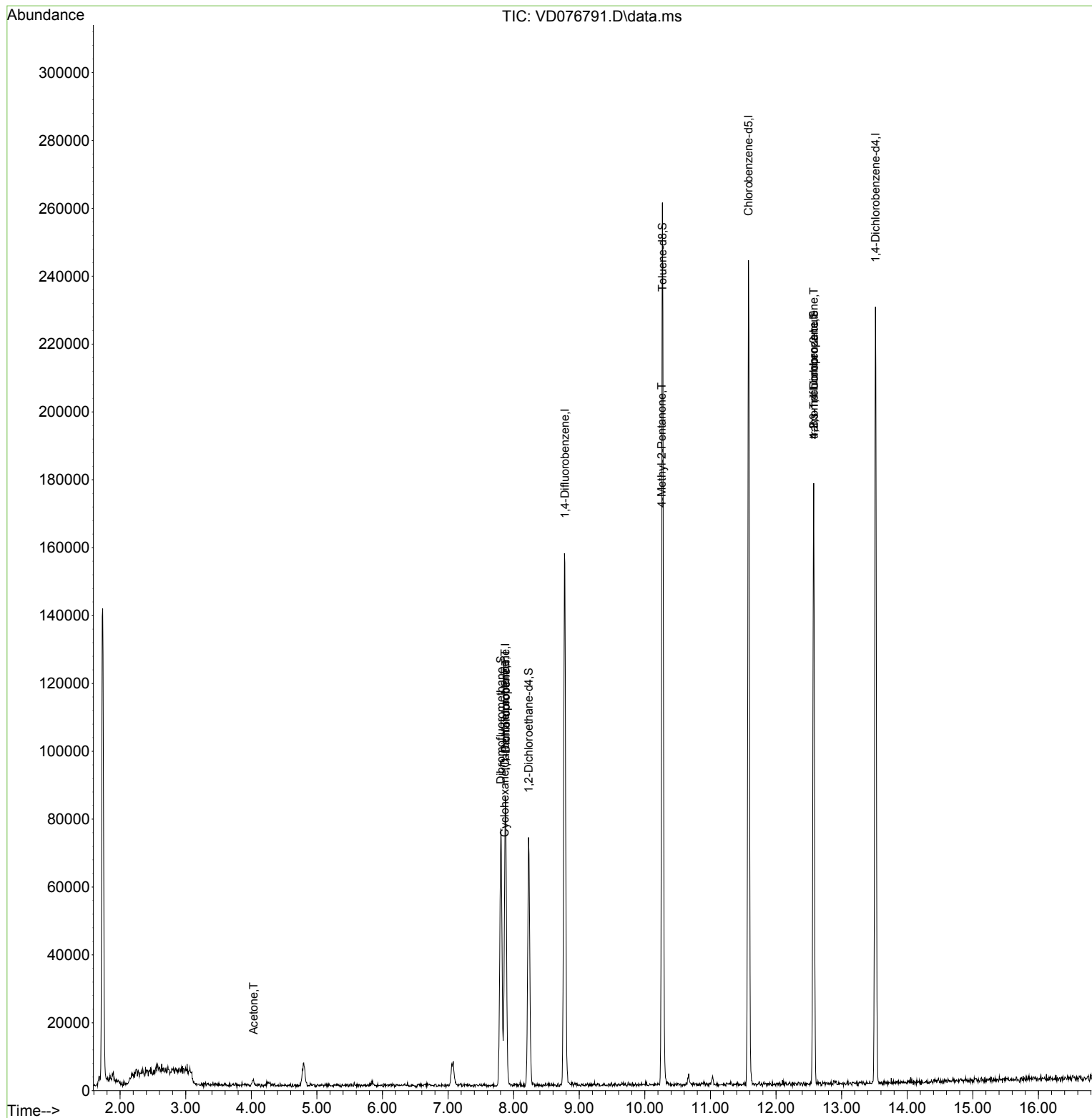
Internal Standards						
1) Pentafluorobenzene	7.875	168	64826	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	143453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	143265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	60659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53563	82.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.920%#	
35) Dibromofluoromethane	7.804	113	55051	61.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.140%	
50) Toluene-d8	10.269	98	184122	57.094	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.180%	
62) 4-Bromofluorobenzene	12.575	95	55005	52.724	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.440%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	2144	13.904	ug/l	# 57
20) Methylene Chloride	4.804	84	5454	Below Cal	#	83
31) Cyclohexane	7.863	56	1459	1.535	ug/l	# 43
36) 1,1-Dichloropropene	7.881	75	5784	4.910	ug/l	# 46
38) Carbon Tetrachloride	7.869	117	6790	6.020	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.257	43	617	1.127	ug/l	# 1
76) 1,2,3-Trichloropropane	12.575	75	28095	48.703	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	28095	103.653	ug/l	# 17

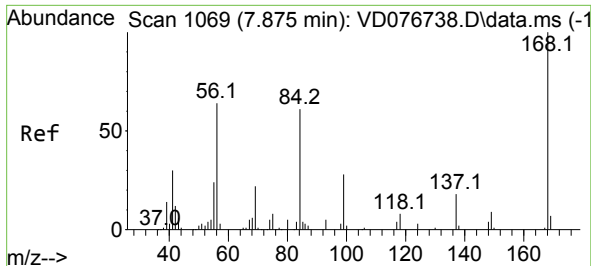
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BERGENSWITCH-COMP1

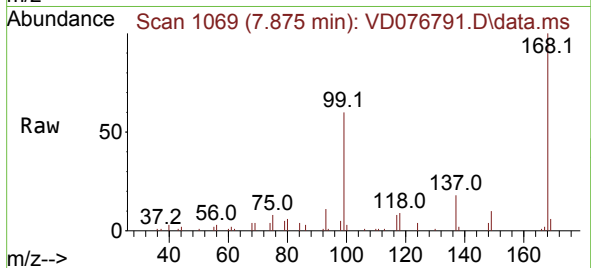
Quant Time: Jul 20 04:59:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
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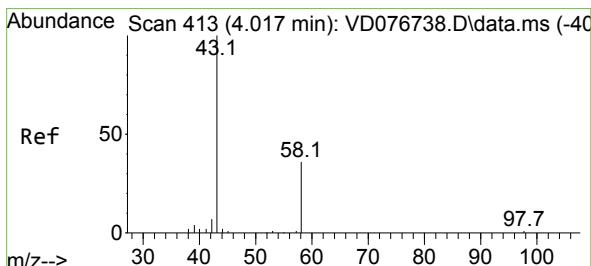
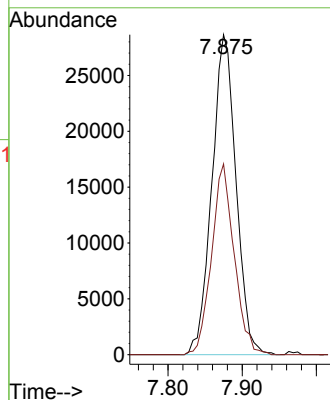
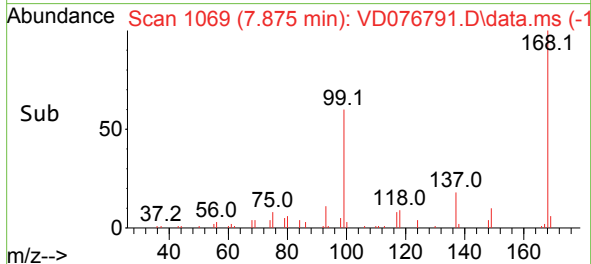


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :
BERGENSWITCH-COMP1

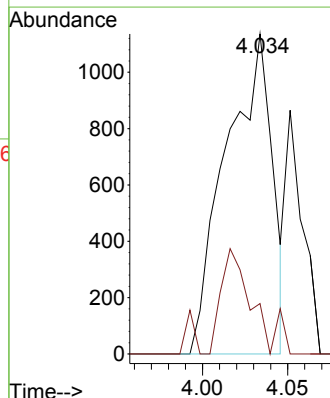
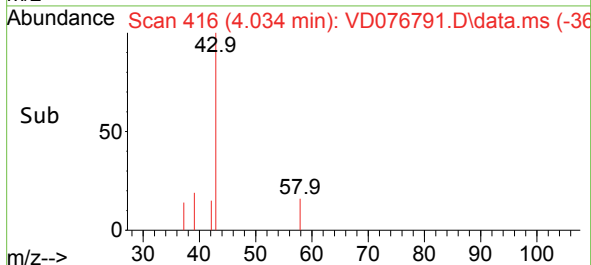
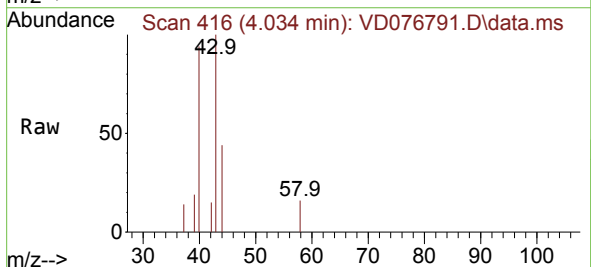


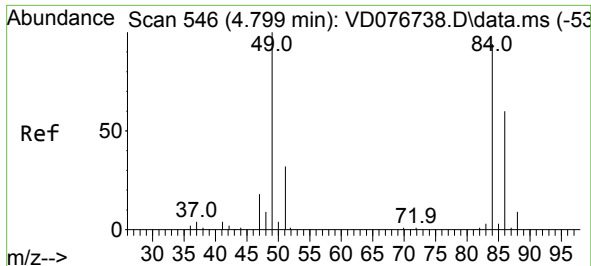
Tgt Ion:168 Resp: 64826
Ion Ratio Lower Upper
168 100
99 59.6 36.7 55.1#



#16
Acetone
Concen: 13.904 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

Tgt Ion: 43 Resp: 2144
Ion Ratio Lower Upper
43 100
58 15.8 34.7 52.1#

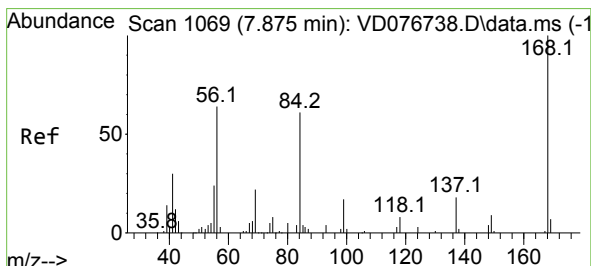
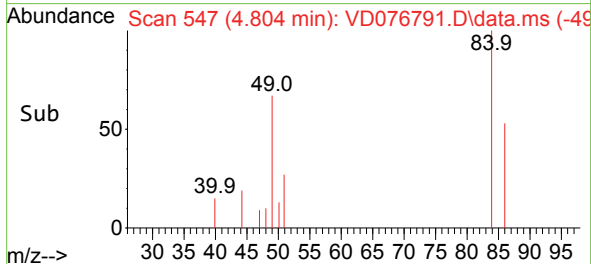
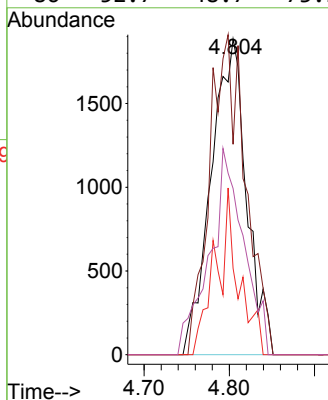
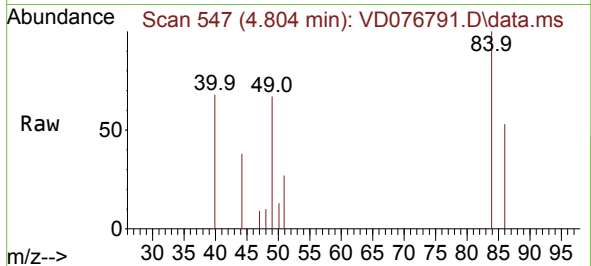




#20
Methylene Chloride
Concen: Below Cal
RT: 4.804 min Scan# 546
Delta R.T. 0.005 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

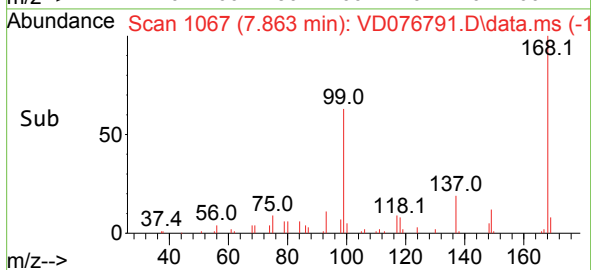
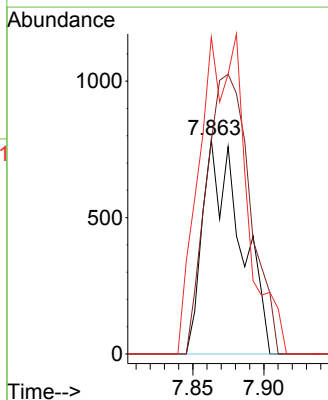
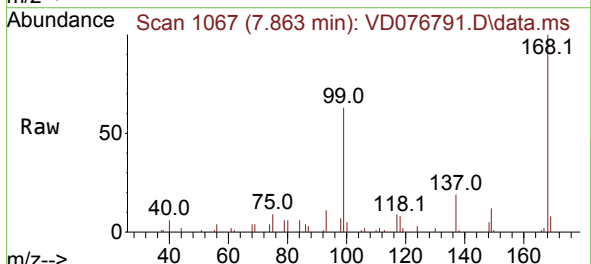
Instrument :
MSVOA_D
ClientSampleId :
BERGENSWITCH-COMP1

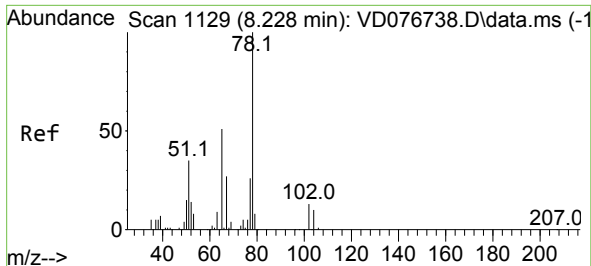
Tgt Ion: 84	Resp: 5454
Ion Ratio	Lower Upper
84 100	
49 66.7	71.4 107.2#
51 27.4	24.5 36.7
86 52.7	48.7 73.1



#31
Cyclohexane
Concen: 1.535 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

Tgt Ion: 56	Resp: 1459
Ion Ratio	Lower Upper
56 100	
69 99.2	28.6 43.0#
84 147.7	84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 82.955 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076791.D

Acq: 19 Jul 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

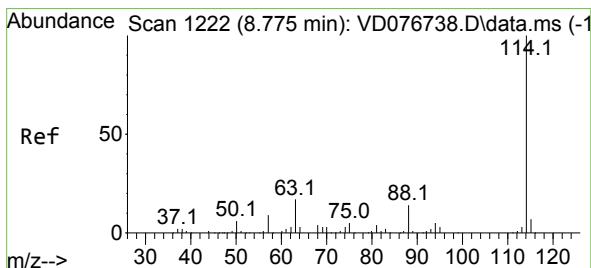
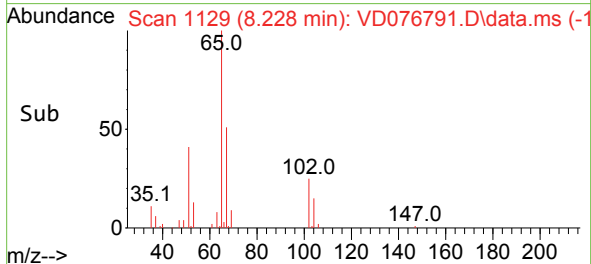
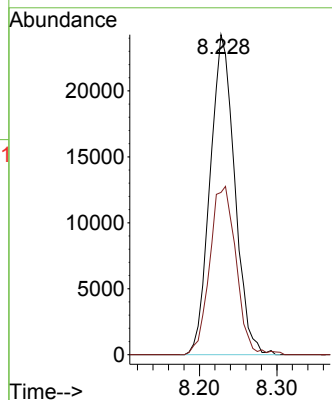
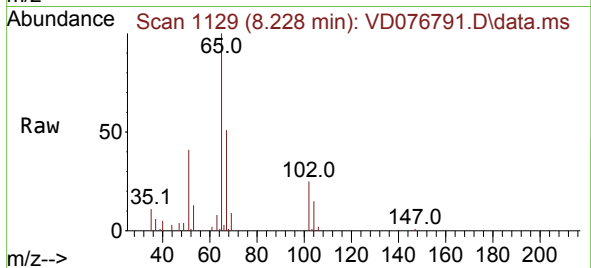
BERGENSWITCH-COMP1

Tgt Ion: 65 Resp: 53563

Ion Ratio Lower Upper

65 100

67 56.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.005 min

Lab File: VD076791.D

Acq: 19 Jul 2023 15:26

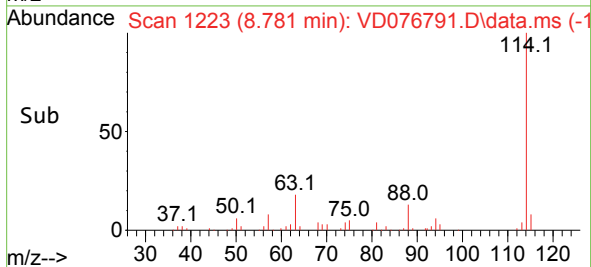
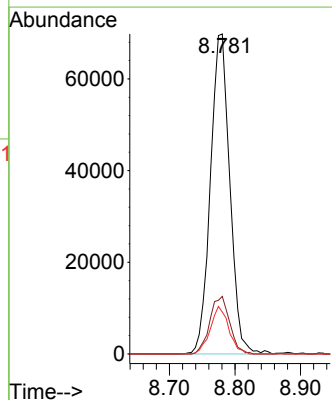
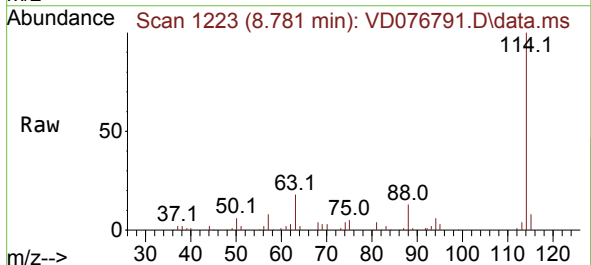
Tgt Ion: 114 Resp: 143453

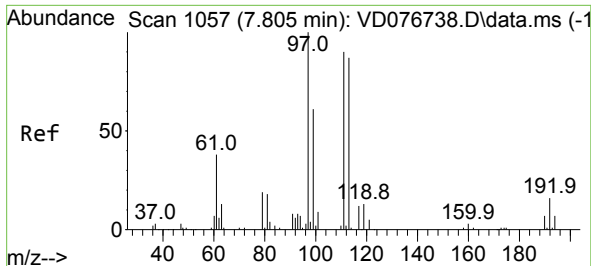
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 13.1 0.0 26.2

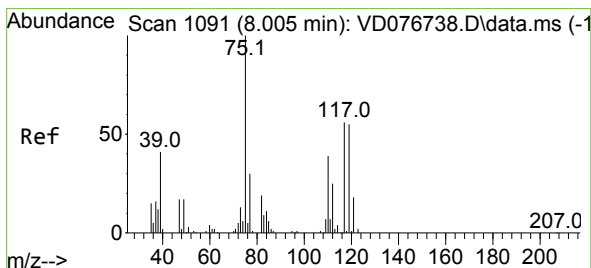
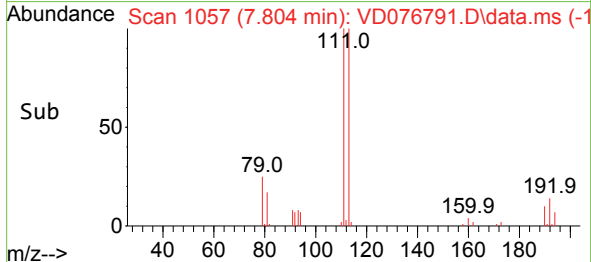
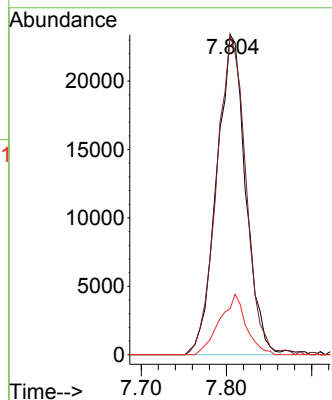
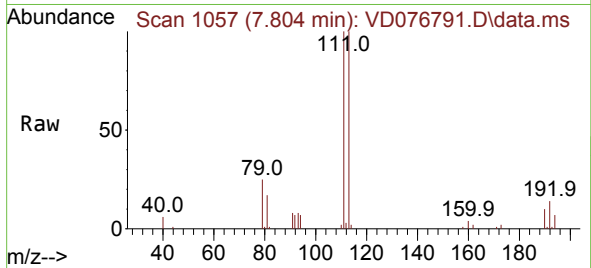




#35
Dibromofluoromethane
Concen: 61.068 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

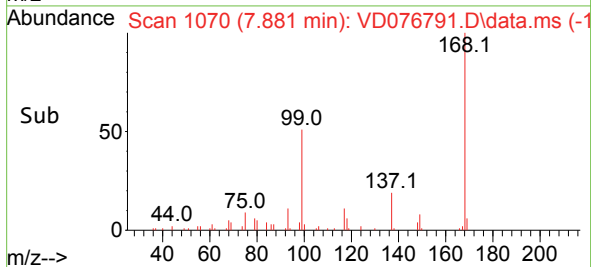
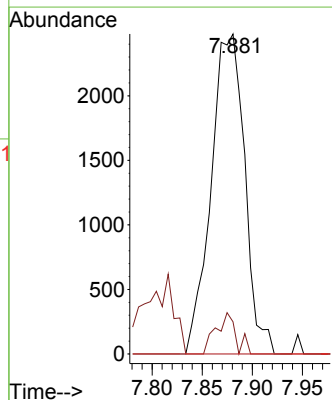
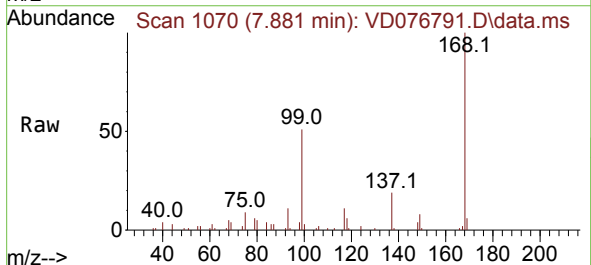
Instrument :
MSVOA_D
ClientSampleId :
BERGENSWITCH-COMP1

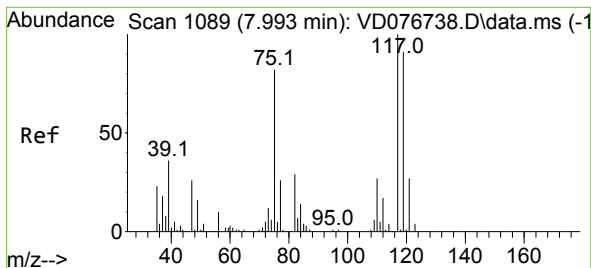
Tgt Ion:113 Resp: 55051
Ion Ratio Lower Upper
113 100
111 101.3 84.7 127.1
192 17.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.910 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.124 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

Tgt Ion: 75 Resp: 5784
Ion Ratio Lower Upper
75 100
110 7.7 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.020 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD076791.D

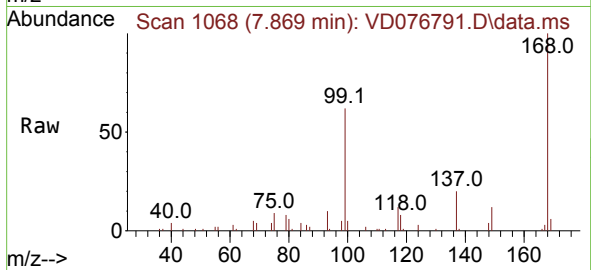
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Instrument :

MSVOA_D

ClientSampleId :

BERGENSWITCH-COMP1



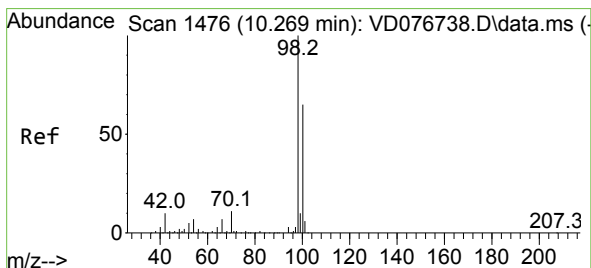
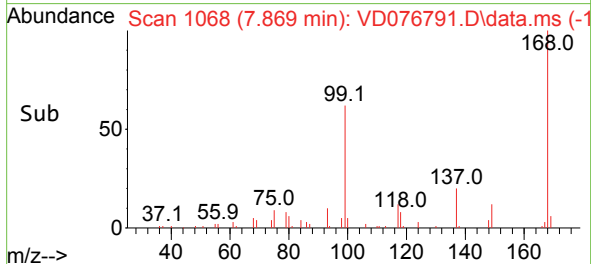
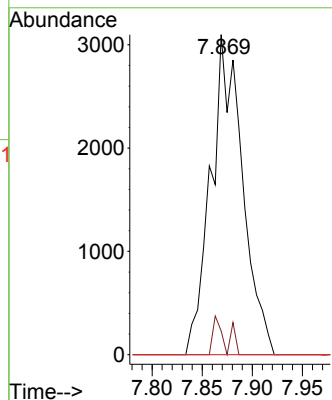
Tgt Ion:117 Resp: 6790

Ion Ratio Lower Upper

117 100

119 7.4 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 57.094 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076791.D

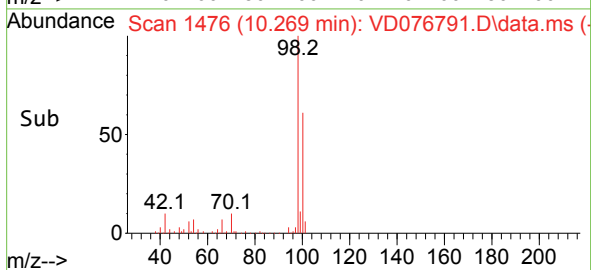
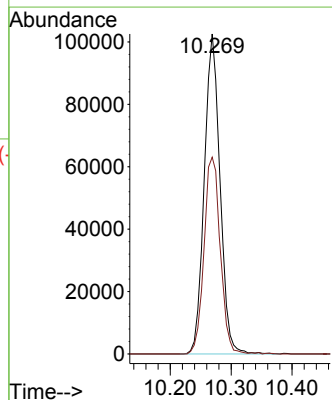
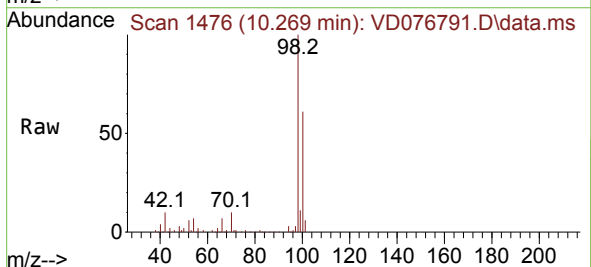
Acq: 19 Jul 2023 15:26

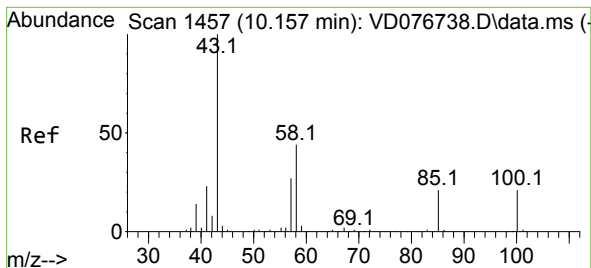
Tgt Ion: 98 Resp: 184122

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5

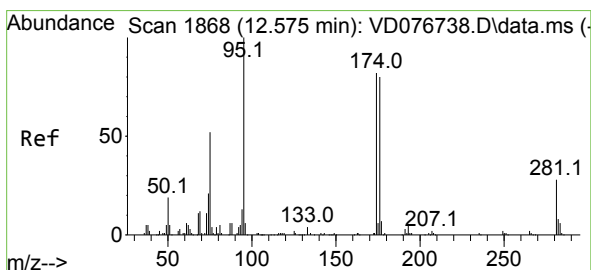
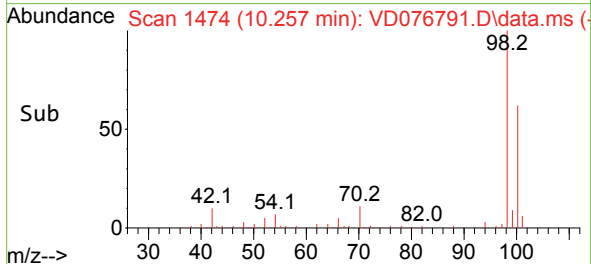
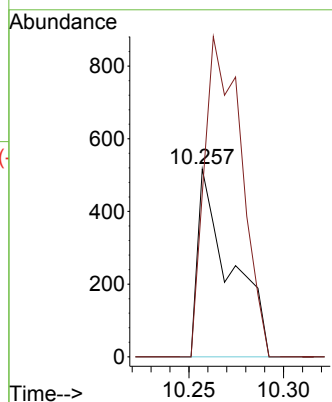
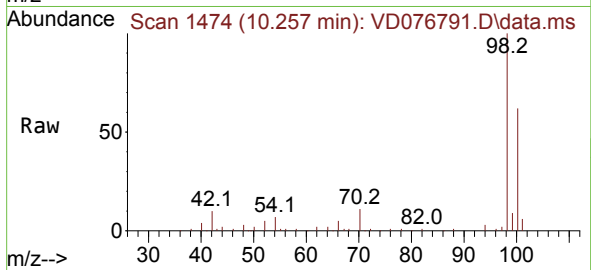




#51
4-Methyl-2-Pentanone
Concen: 1.127 ug/l
RT: 10.257 min Scan# 1457
Delta R.T. 0.100 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

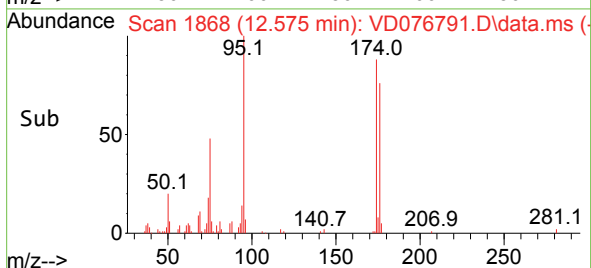
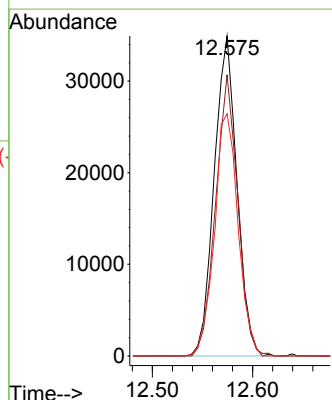
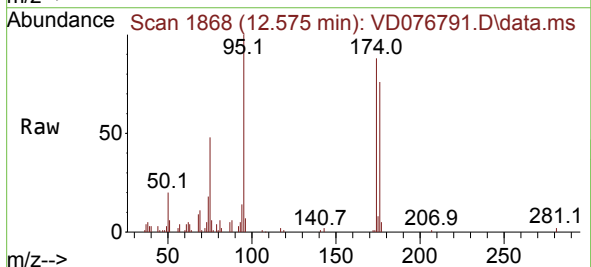
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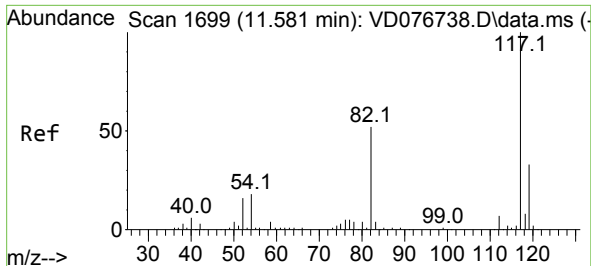
Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
58 193.2 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 52.724 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

Tgt Ion: 95 Resp: 55005
Ion Ratio Lower Upper
95 100
174 85.7 0.0 201.8
176 78.8 0.0 191.8

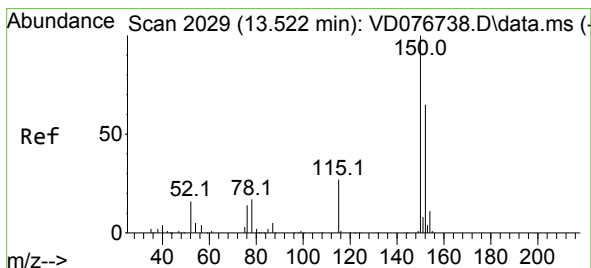
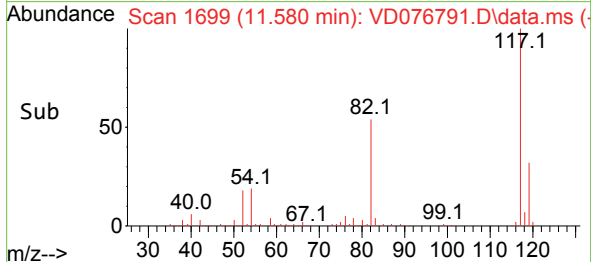
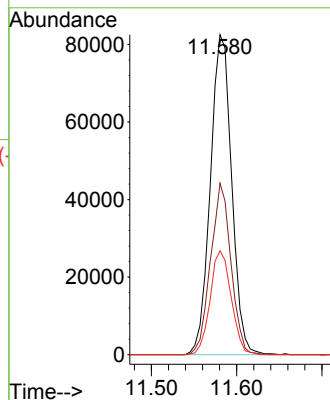
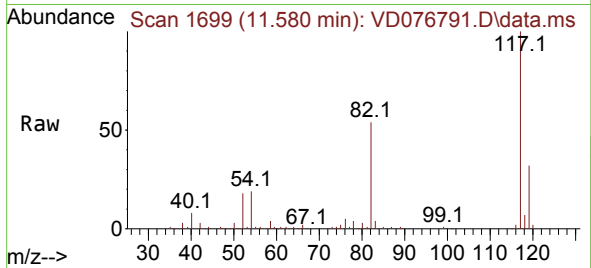




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

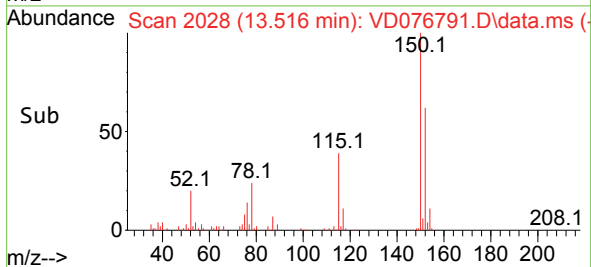
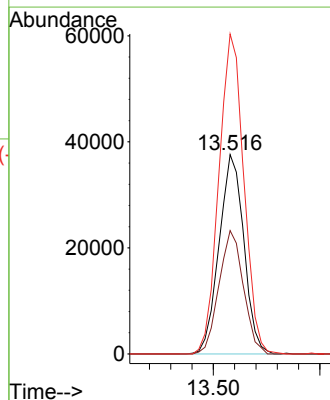
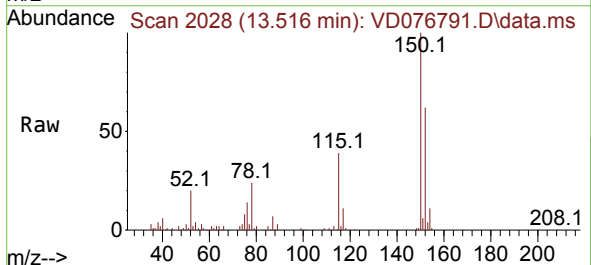
Instrument :
MSVOA_D
ClientSampleId :
BERGENSWITCH-COMP1

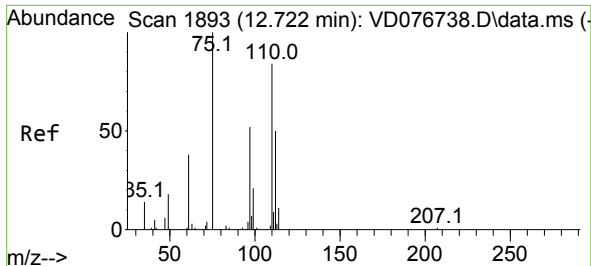
Tgt Ion:117 Resp: 143265
Ion Ratio Lower Upper
117 100
82 53.5 38.3 57.5
119 32.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

Tgt Ion:152 Resp: 60659
Ion Ratio Lower Upper
152 100
115 60.8 27.1 81.3
150 161.2 0.0 353.6

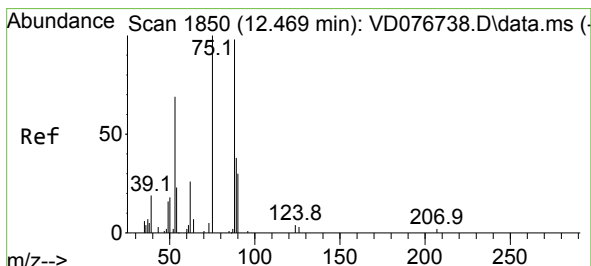
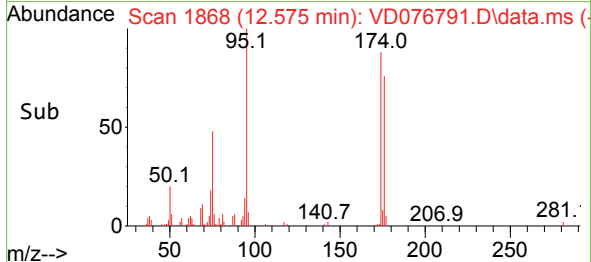
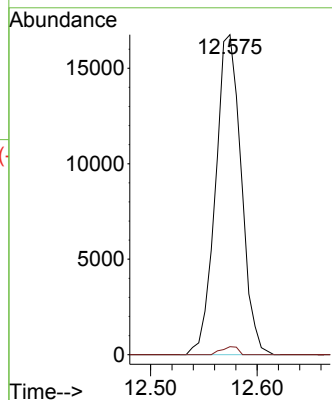
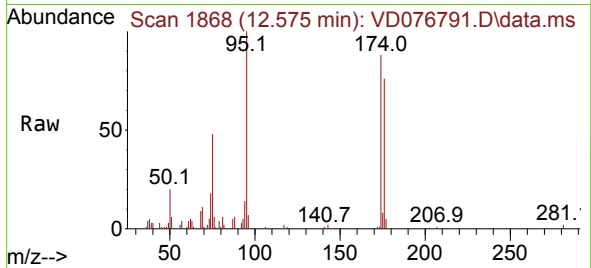




#76
1,2,3-Trichloropropane
Concen: 48.703 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :
BERGENSWITCH-COMP1

Tgt Ion: 75 Resp: 28095
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.653 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

Tgt Ion: 75 Resp: 28095
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

