

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076875.D
 Acq On : 31 Jul 2023 15:31
 Operator : KP/SY
 Sample : 03835-01
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-072823

Quant Time: Aug 01 02:11:41 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)

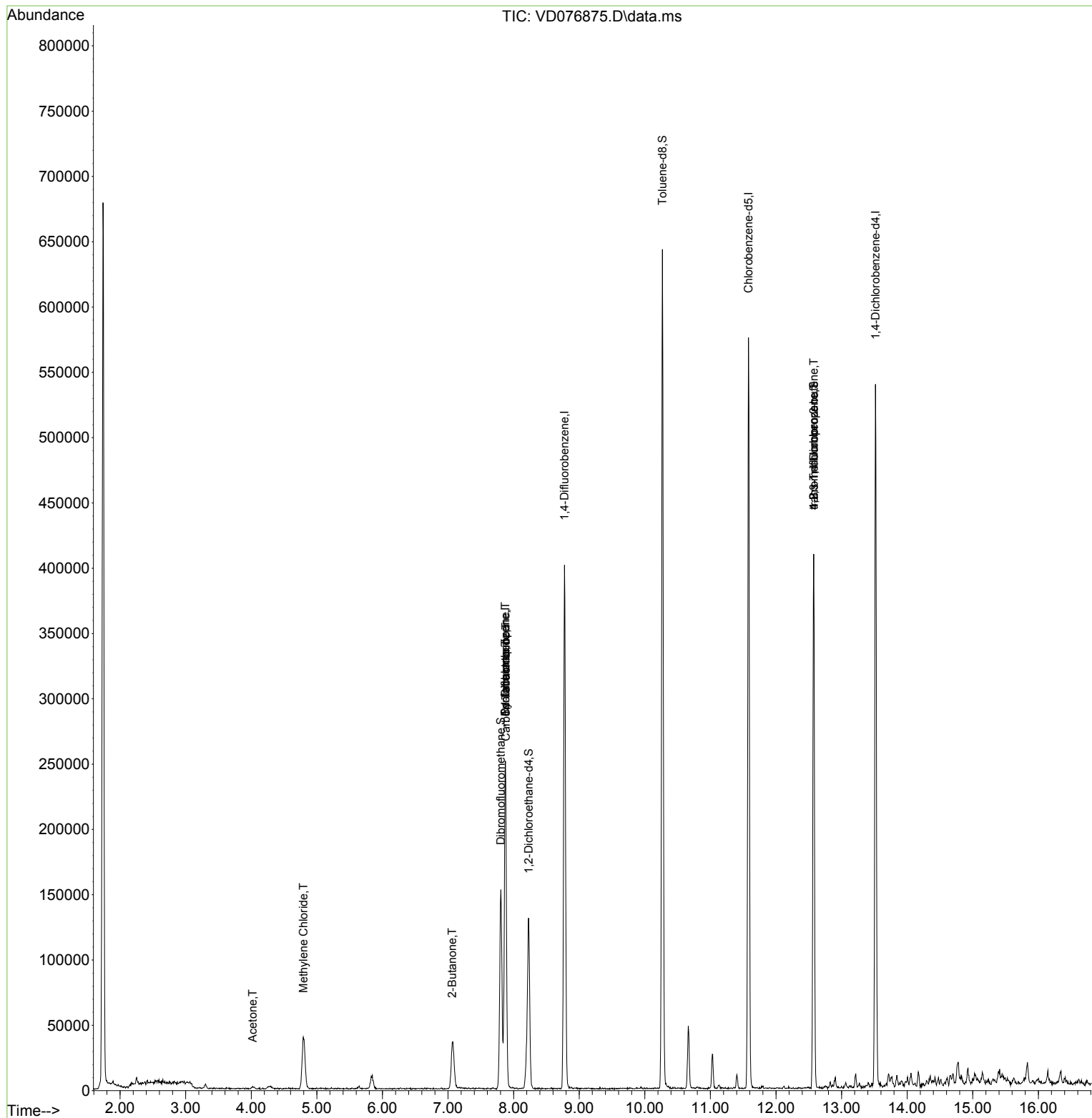
Internal Standards						
1) Pentafluorobenzene	7.875	168	190045	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	364764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	337438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91807	48.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.000%
35) Dibromofluoromethane	7.805	113	111881	48.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.620%
50) Toluene-d8	10.269	98	439381	53.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.160%
62) 4-Bromofluorobenzene	12.575	95	127541	48.079	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.160%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	2673	5.913	ug/l	95
20) Methylene Chloride	4.793	84	33455	2.681	ug/l	90
25) 2-Butanone	7.063	43	983	1.625	ug/l #	37
31) Cyclohexane	7.875	56	4605	1.653	ug/l #	44
36) 1,1-Dichloropropene	7.875	75	15167	5.064	ug/l #	49
38) Carbon Tetrachloride	7.881	117	19364	6.752	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	65605	47.219	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	65605	100.494	ug/l #	17

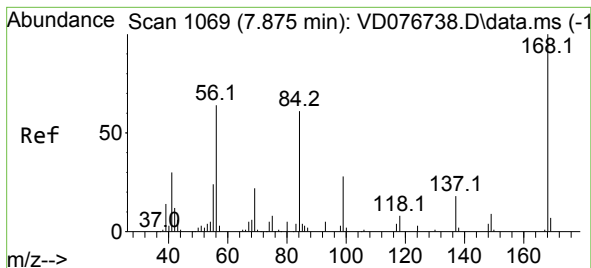
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
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Quant Time: Aug 01 02:11:41 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076875.D

Acq: 31 Jul 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

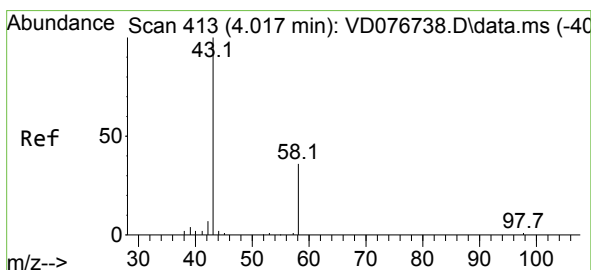
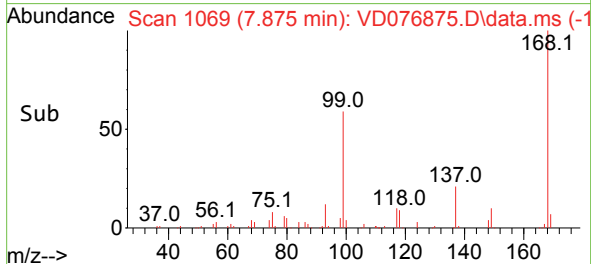
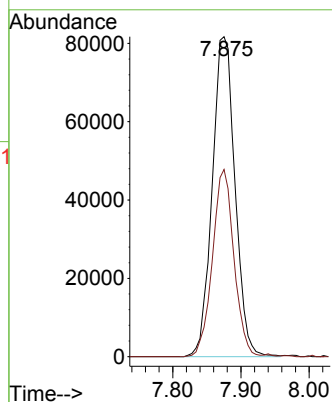
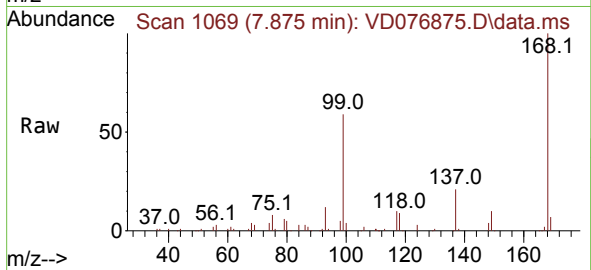
HR-01-072823

Tgt Ion:168 Resp: 190045

Ion Ratio Lower Upper

168 100

99 58.5 36.7 55.1#



#16

Acetone

Concen: 5.913 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.005 min

Lab File: VD076875.D

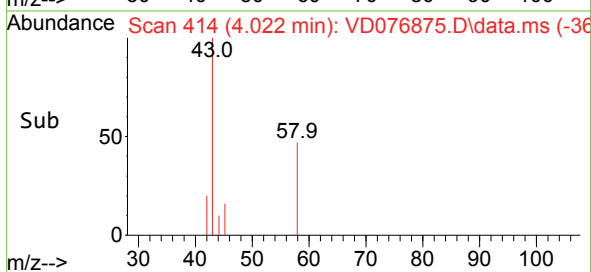
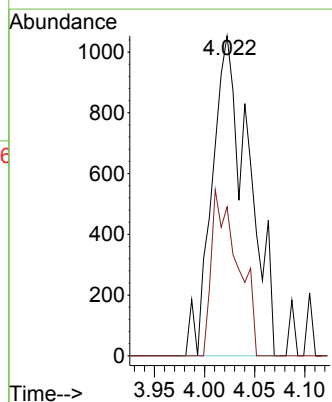
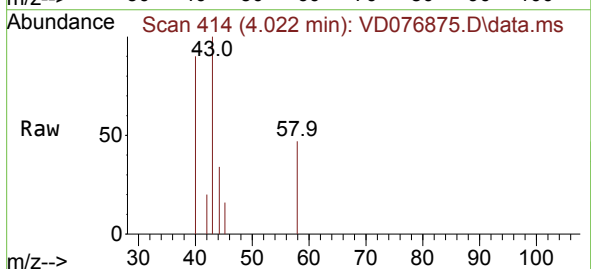
Acq: 31 Jul 2023 15:31

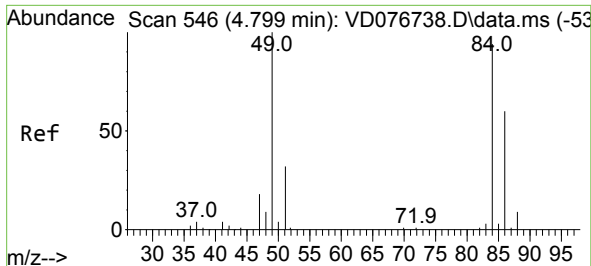
Tgt Ion: 43 Resp: 2673

Ion Ratio Lower Upper

43 100

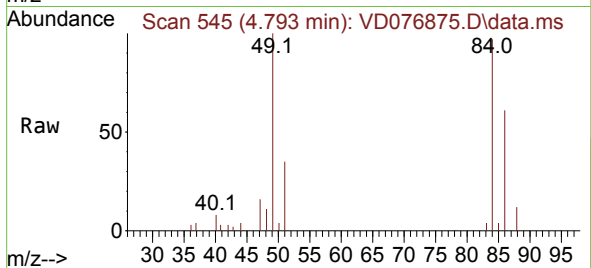
58 46.5 34.7 52.1





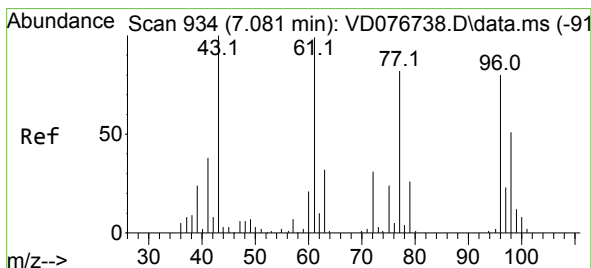
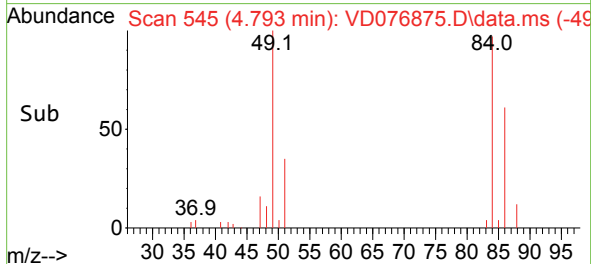
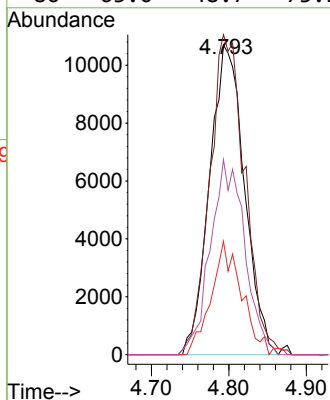
#20
Methylene Chloride
Concen: 2.681 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
HR-01-072823



Tgt Ion: 84 Resp: 33455

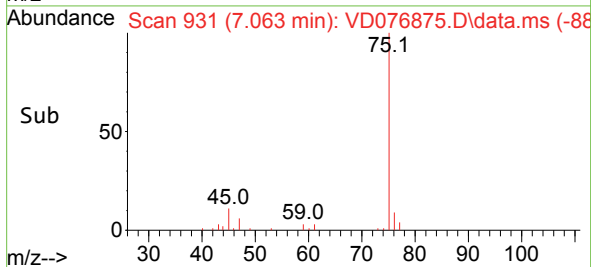
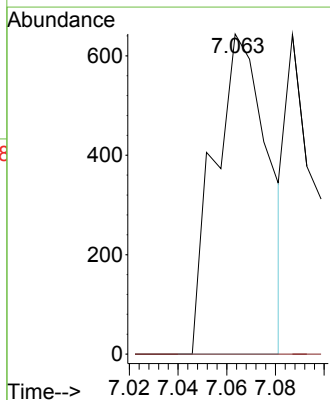
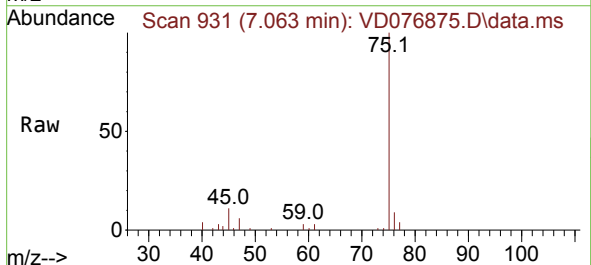
Ion	Ratio	Lower	Upper
84	100		
49	103.4	71.4	107.2
51	36.7	24.5	36.7
86	63.0	48.7	73.1

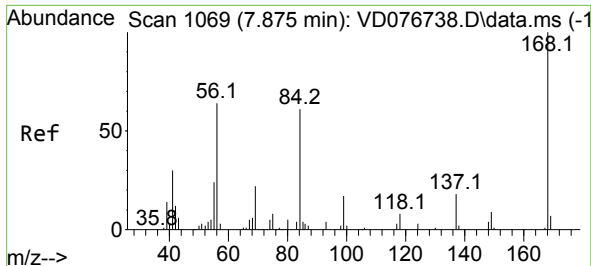


#25
2-Butanone
Concen: 1.625 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

Tgt Ion: 43 Resp: 983

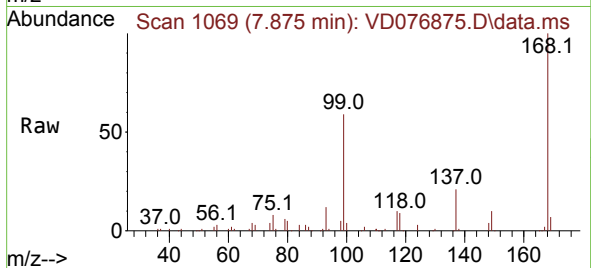
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



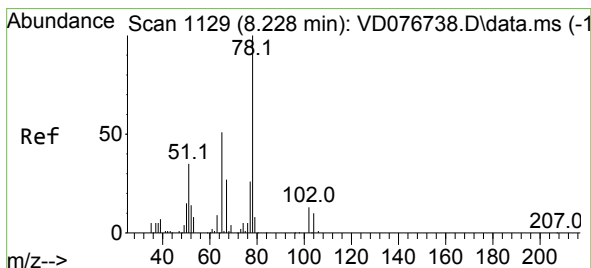
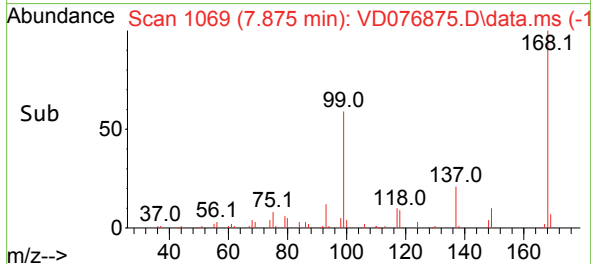
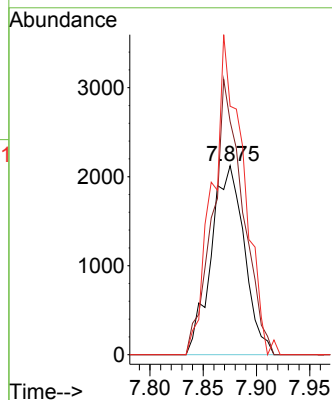


#31
Cyclohexane
Concen: 1.653 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
HR-01-072823

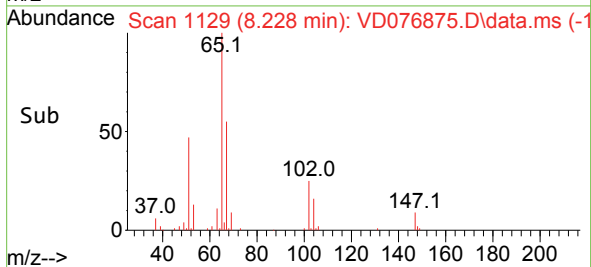
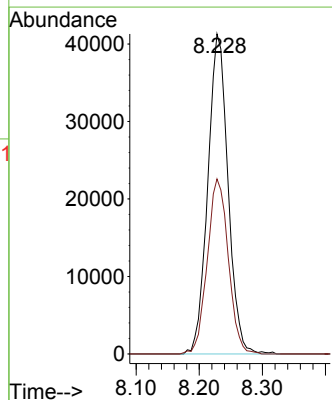
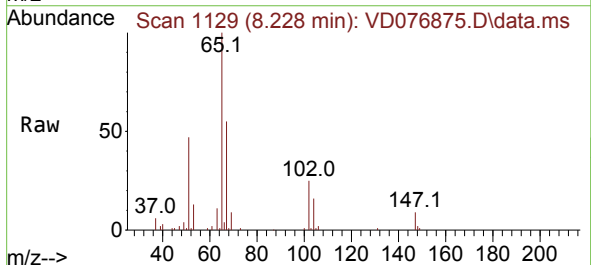


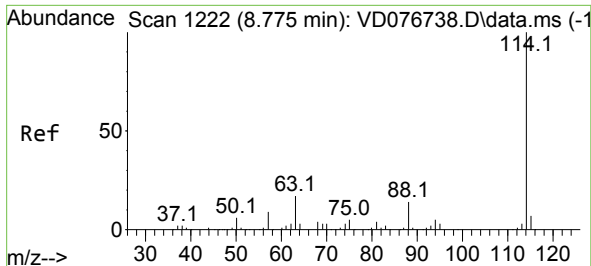
Tgt Ion: 56 Resp: 4605
Ion Ratio Lower Upper
56 100
69 123.4 28.6 43.0#
84 131.5 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 48.501 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

Tgt Ion: 65 Resp: 91807
Ion Ratio Lower Upper
65 100
67 56.9 0.0 115.0

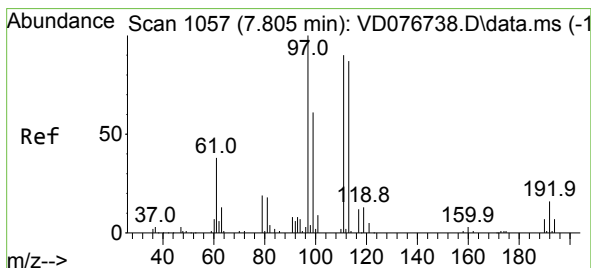
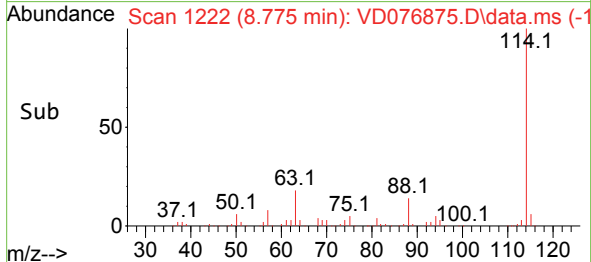
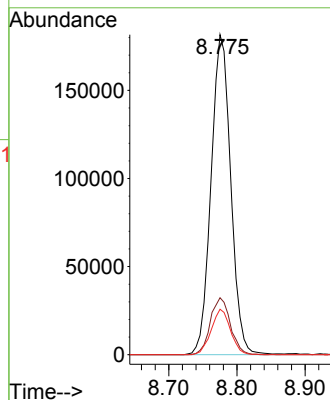
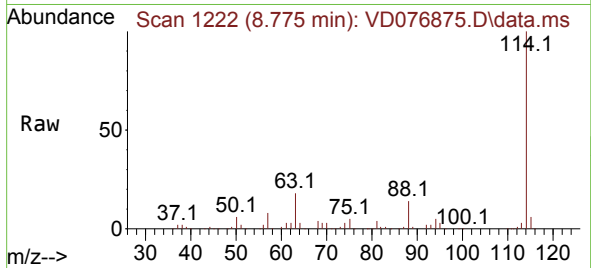




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

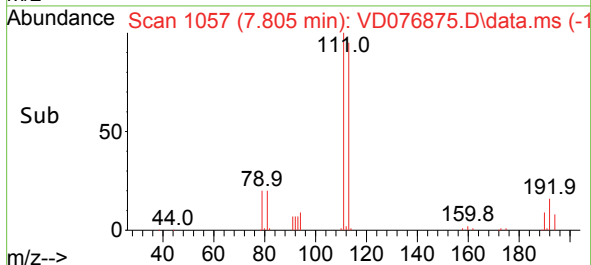
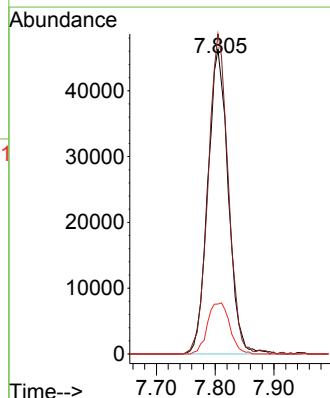
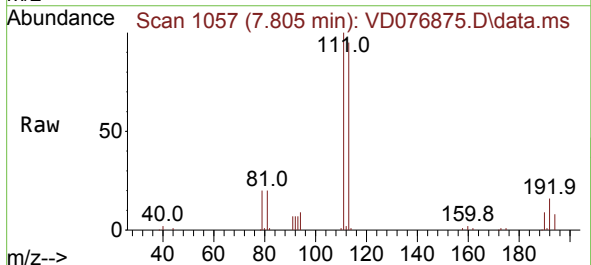
Instrument :
MSVOA_D
ClientSampleId :
HR-01-072823

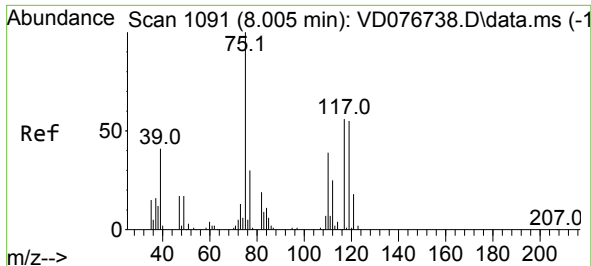
Tgt Ion:114 Resp: 364764
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.4
88 14.2 0.0 26.2



#35
Dibromofluoromethane
Concen: 48.809 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

Tgt Ion:113 Resp: 111881
Ion Ratio Lower Upper
113 100
111 102.8 84.7 127.1
192 18.2 16.8 25.2

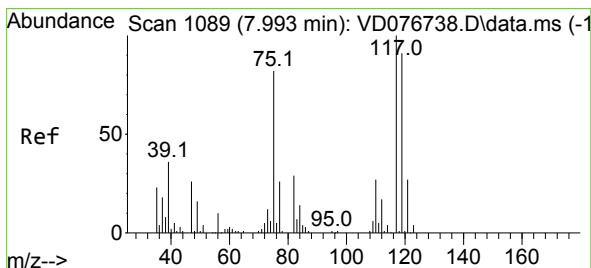
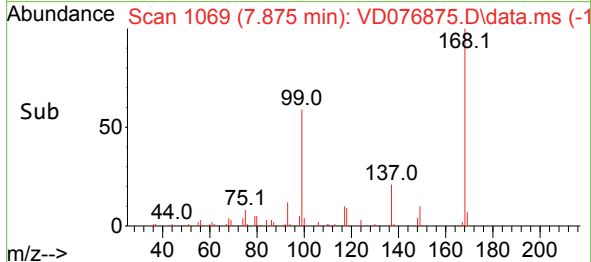
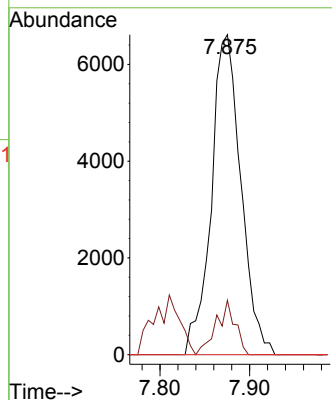
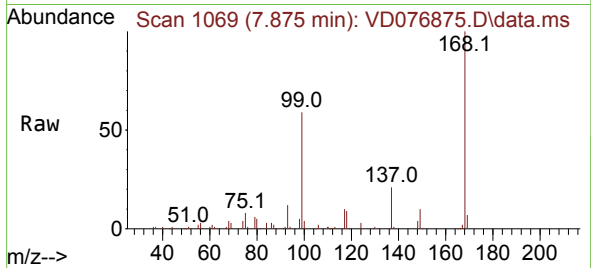




#36
1,1-Dichloropropene
Concen: 5.064 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

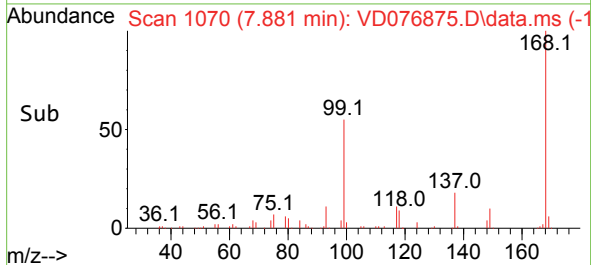
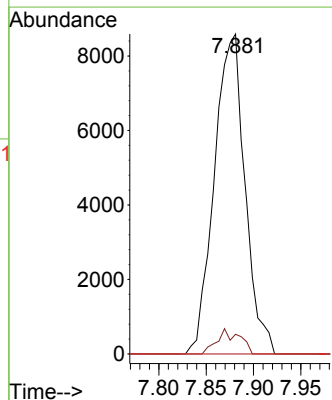
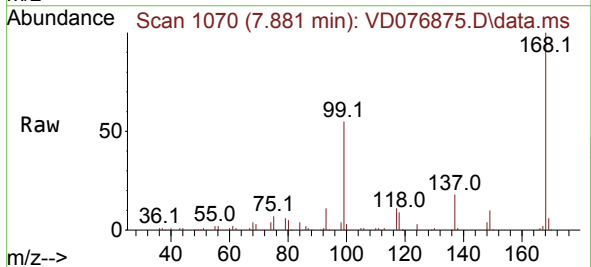
Instrument :
MSVOA_D
ClientSampleId :
HR-01-072823

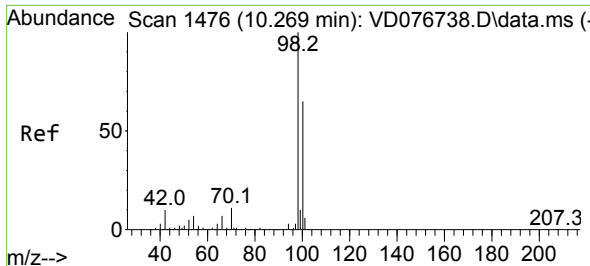
Tgt Ion: 75 Resp: 15167
Ion Ratio Lower Upper
75 100
110 10.9 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.752 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

Tgt Ion: 117 Resp: 19364
Ion Ratio Lower Upper
117 100
119 6.1 78.0 117.0#
121 0.0 24.2 36.2#

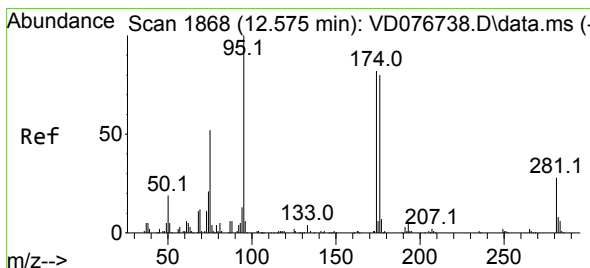
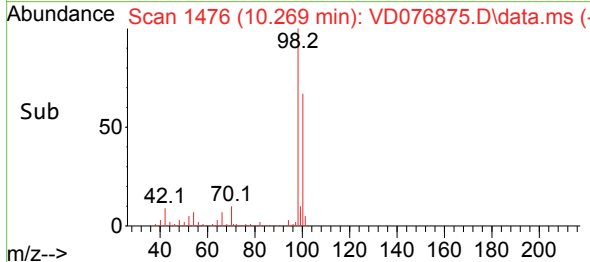
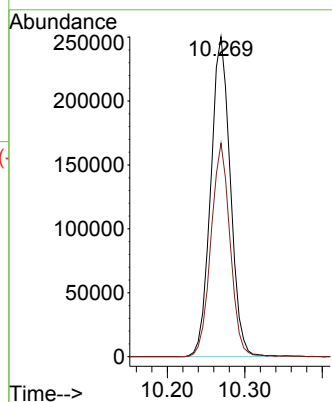
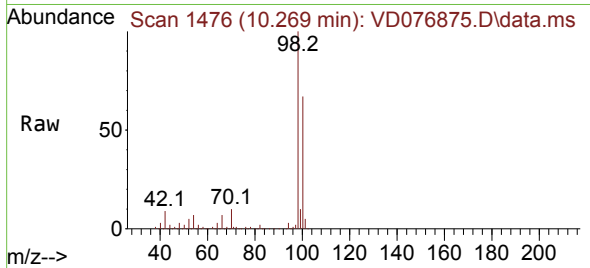




#50
Toluene-d8
Concen: 53.583 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

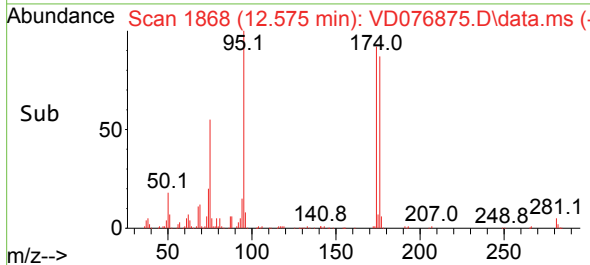
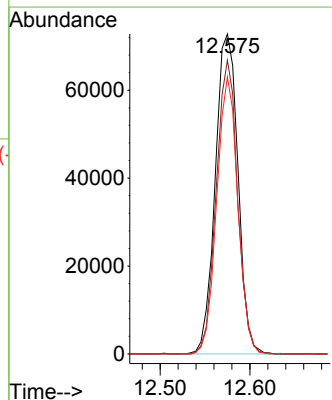
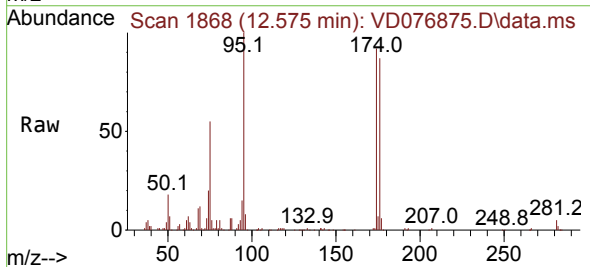
Instrument :
MSVOA_D
ClientSampleId :
HR-01-072823

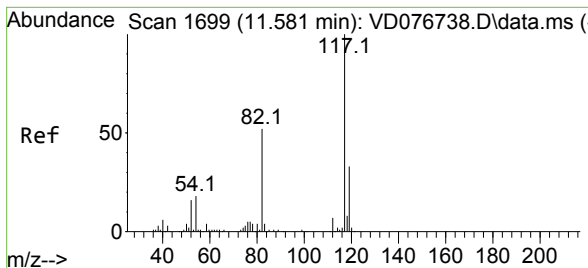
Tgt Ion: 98 Resp: 439381
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.079 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

Tgt Ion: 95 Resp: 127541
Ion Ratio Lower Upper
95 100
174 86.5 0.0 201.8
176 80.5 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076875.D

Acq: 31 Jul 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

HR-01-072823

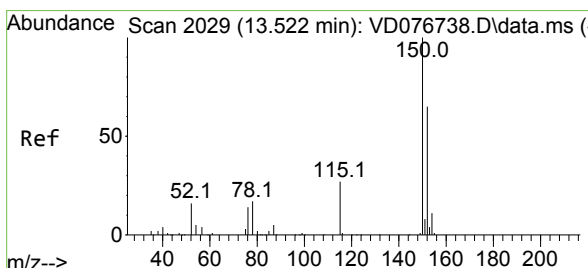
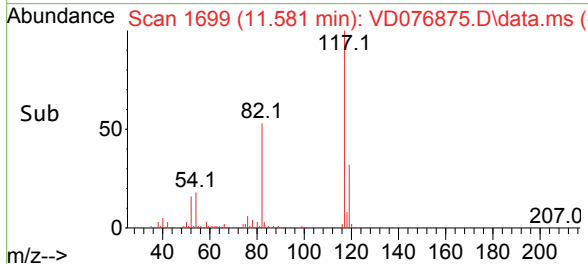
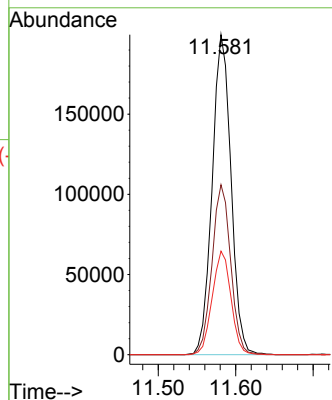
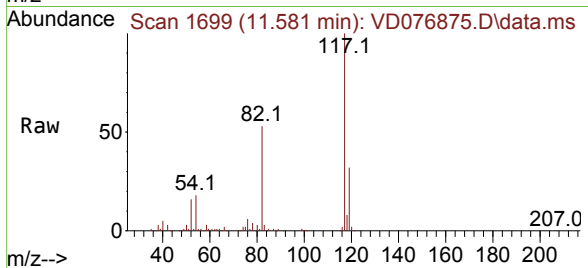
Tgt Ion:117 Resp: 337438

Ion Ratio Lower Upper

117 100

82 53.1 38.3 57.5

119 32.4 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: VD076875.D

Acq: 31 Jul 2023 15:31

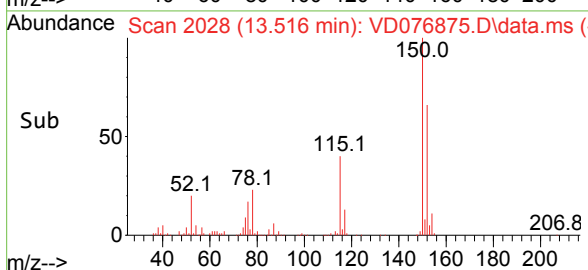
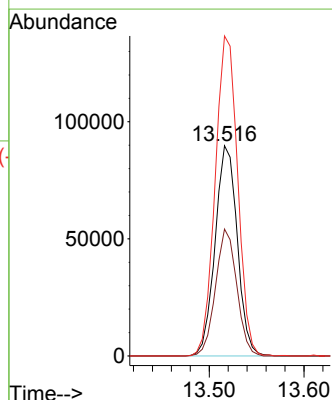
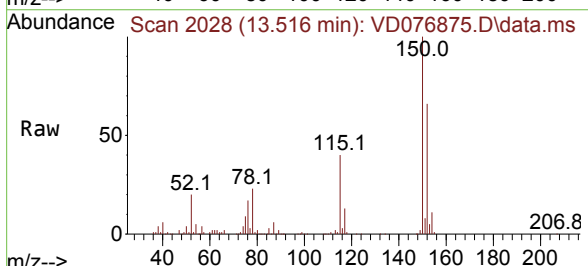
Tgt Ion:152 Resp: 146099

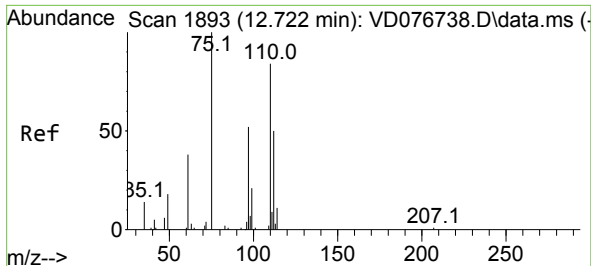
Ion Ratio Lower Upper

152 100

115 57.8 27.1 81.3

150 154.3 0.0 353.6

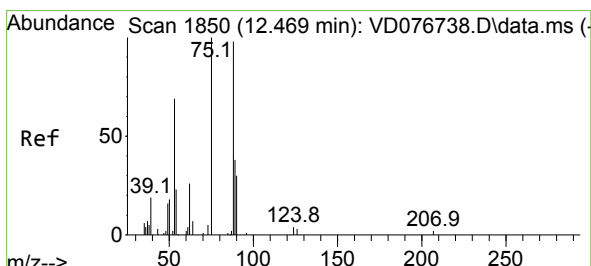
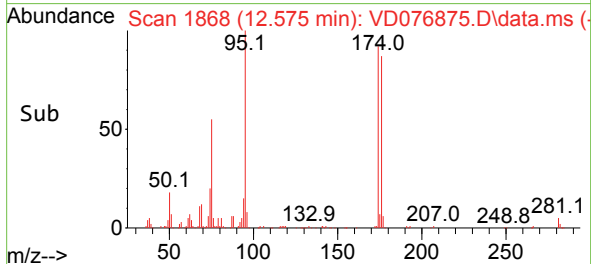
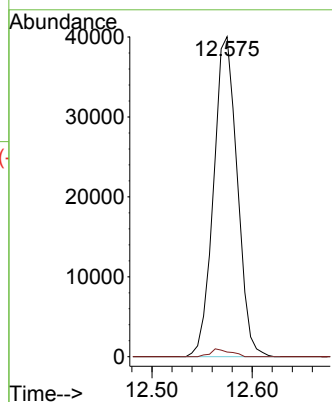
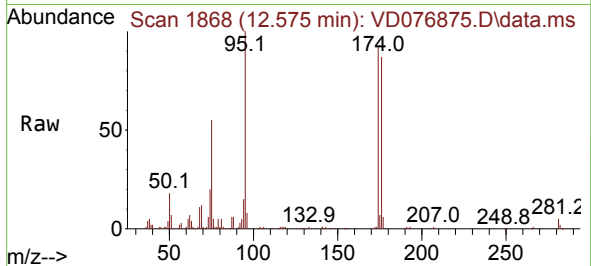




#76
1,2,3-Trichloropropane
Concen: 47.219 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
HR-01-072823

Tgt Ion: 75 Resp: 65605
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.494 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

Tgt Ion: 75 Resp: 65605
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#

