

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076882.D
 Acq On : 31 Jul 2023 18:50
 Operator : KP/SY
 Sample : 03840-01
 Misc : 7.32G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BUILDING-B-13-(0-5)

Quant Time: Aug 01 02:13:39 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)

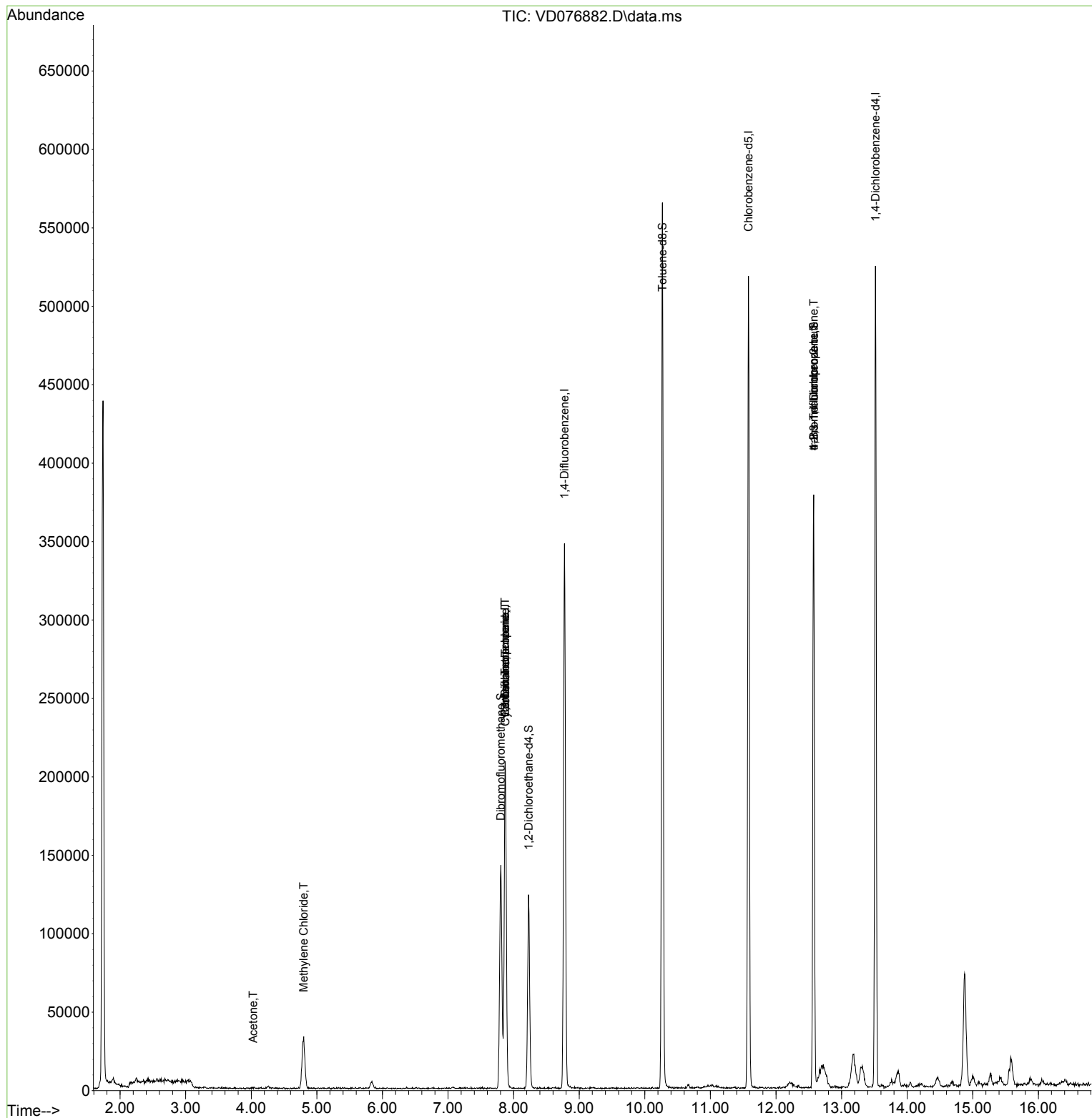
Internal Standards						
1) Pentafluorobenzene	7.869	168	161734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	318289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	307015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	139753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90685	56.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.580%	
35) Dibromofluoromethane	7.805	113	105094	52.543	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.080%	
50) Toluene-d8	10.269	98	391451	54.708	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.420%	
62) 4-Bromofluorobenzene	12.575	95	116950	50.524	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.040%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	601	1.562	ug/l #	32
20) Methylene Chloride	4.799	84	25675	1.144	ug/l	90
31) Cyclohexane	7.875	56	3056	1.289	ug/l #	23
36) 1,1-Dichloropropene	7.869	75	13308	5.092	ug/l #	49
38) Carbon Tetrachloride	7.869	117	16751	6.693	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	63441	47.735	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	63441	101.592	ug/l #	17

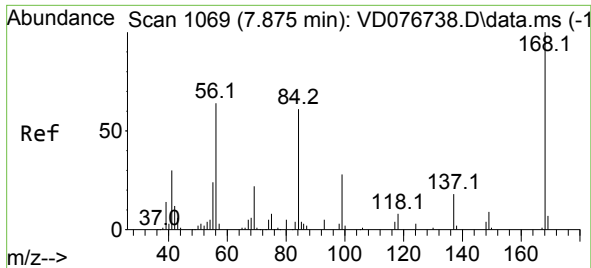
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BUILDING-B-13-(0-5)

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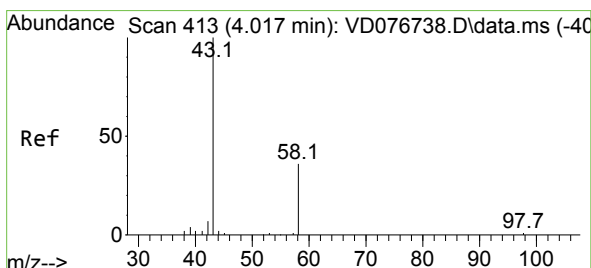
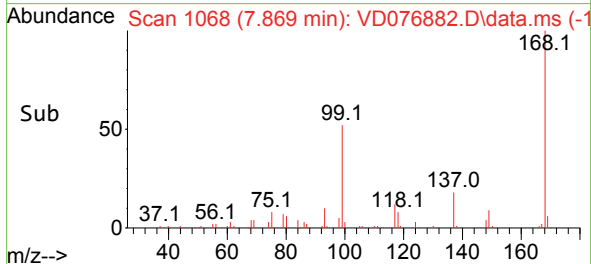
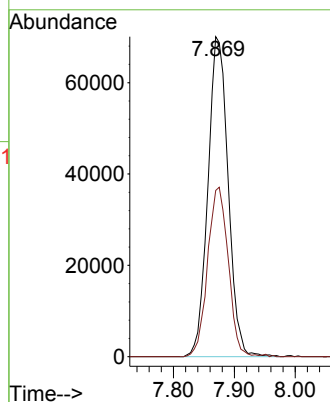
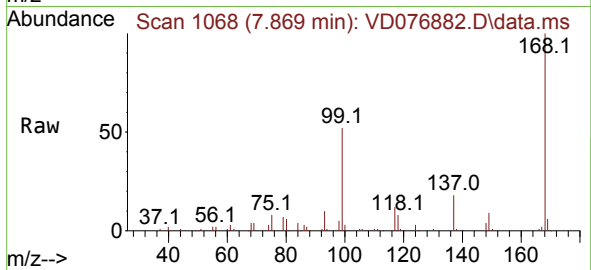




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076882.D
Acq: 31 Jul 2023 18:50

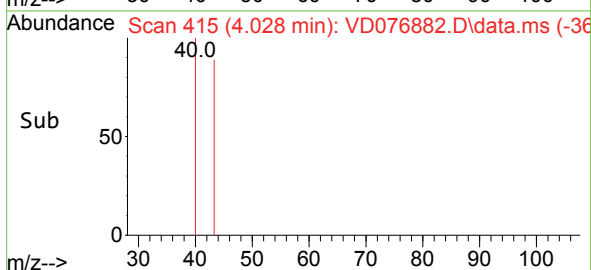
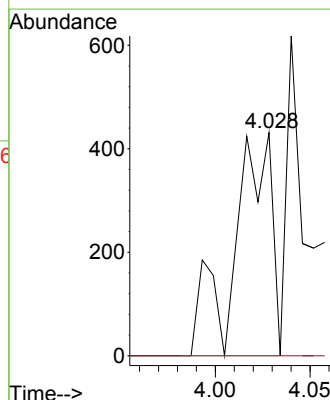
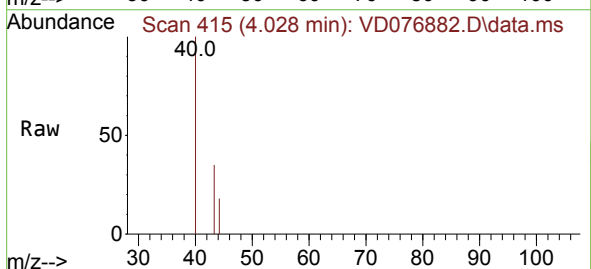
Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-13-(0-5)

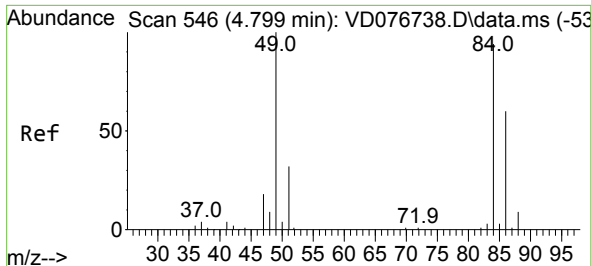
Tgt Ion:168 Resp: 161734
Ion Ratio Lower Upper
168 100
99 52.0 36.7 55.1



#16
Acetone
Concen: 1.562 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076882.D
Acq: 31 Jul 2023 18:50

Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

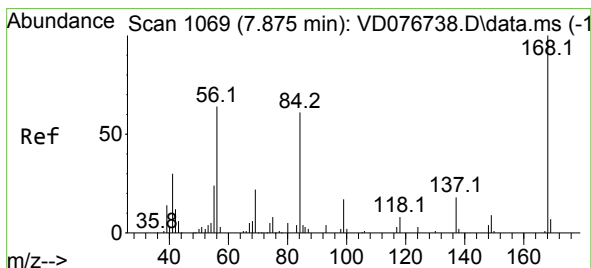
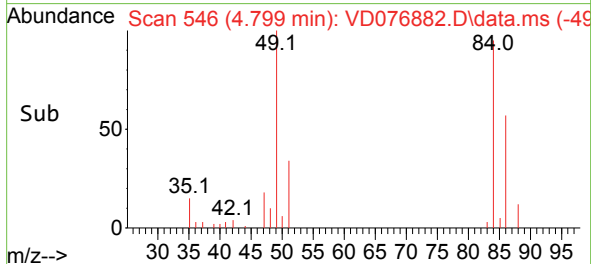
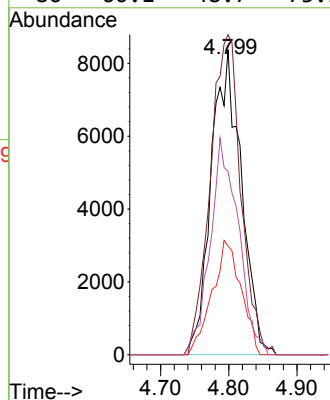
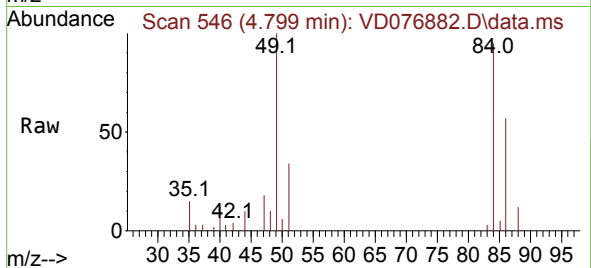




#20
Methylene Chloride
Concen: 1.144 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076882.D
Acq: 31 Jul 2023 18:50

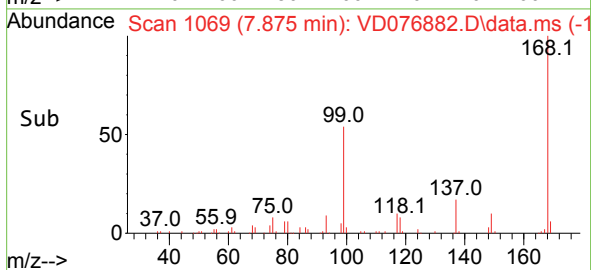
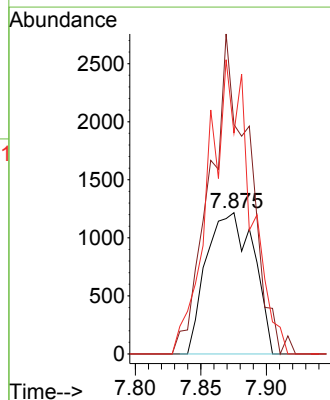
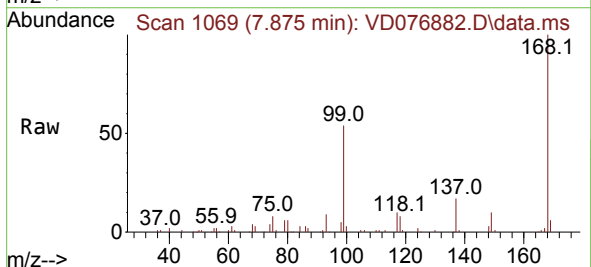
Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-13-(0-5)

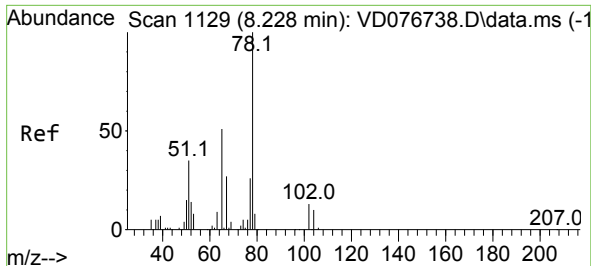
Tgt Ion:	84	Resp:	25675
Ion	Ratio	Lower	Upper
84	100		
49	104.9	71.4	107.2
51	35.7	24.5	36.7
86	60.1	48.7	73.1



#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076882.D
Acq: 31 Jul 2023 18:50

Tgt Ion:	56	Resp:	3056
Ion	Ratio	Lower	Upper
56	100		
69	162.5	28.6	43.0#
84	137.6	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 56.294 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076882.D

Acq: 31 Jul 2023 18:50

Instrument :

MSVOA_D

ClientSampleId :

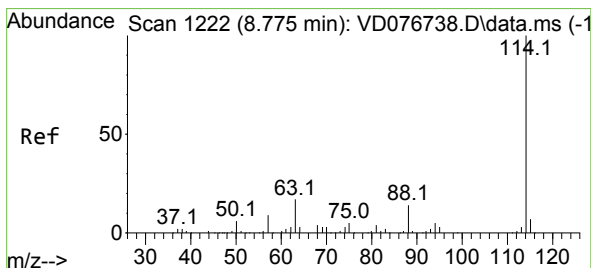
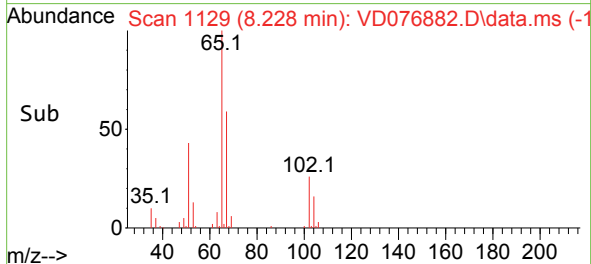
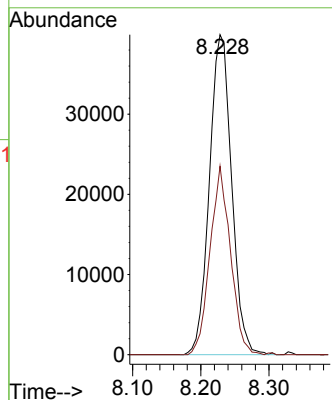
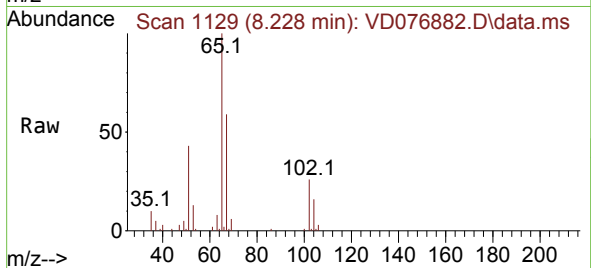
BUILDING-B-13-(0-5)

Tgt Ion: 65 Resp: 90685

Ion Ratio Lower Upper

65 100

67 54.3 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: VD076882.D

Acq: 31 Jul 2023 18:50

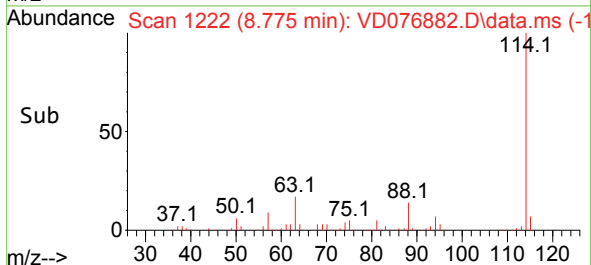
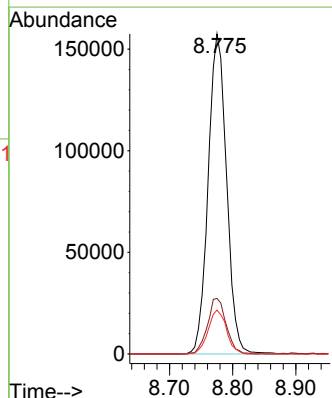
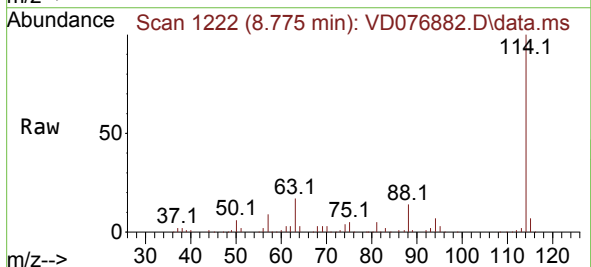
Tgt Ion: 114 Resp: 318289

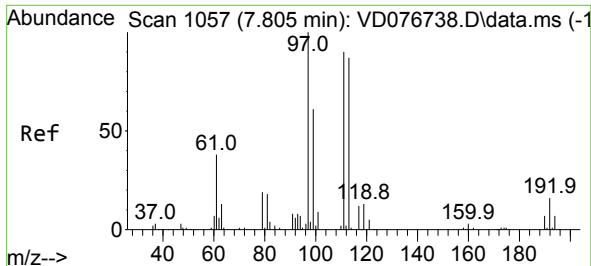
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 13.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.543 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076882.D

Acq: 31 Jul 2023 18:50

Instrument :

MSVOA_D

ClientSampleId :

BUILDING-B-13-(0-5)

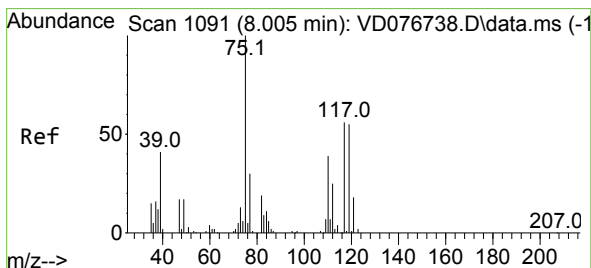
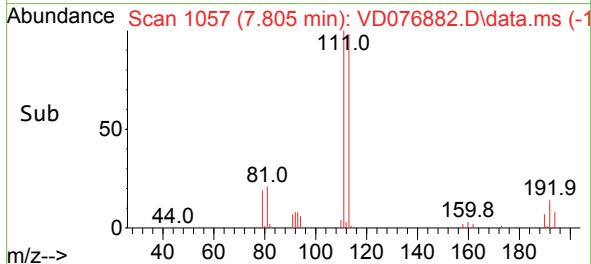
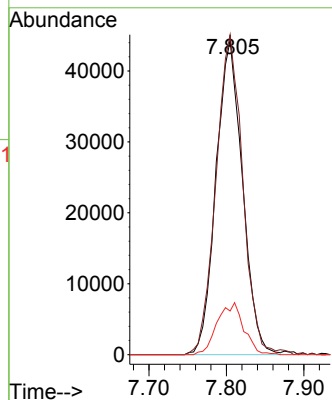
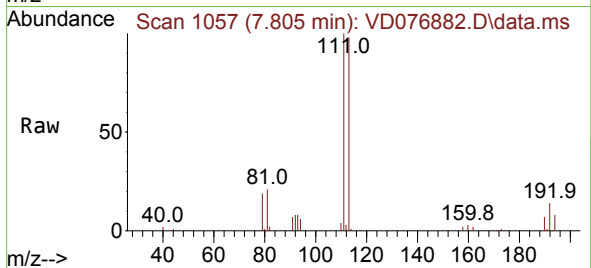
Tgt Ion:113 Resp: 105094

Ion Ratio Lower Upper

113 100

111 103.1 84.7 127.1

192 16.7 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 5.092 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD076882.D

Acq: 31 Jul 2023 18:50

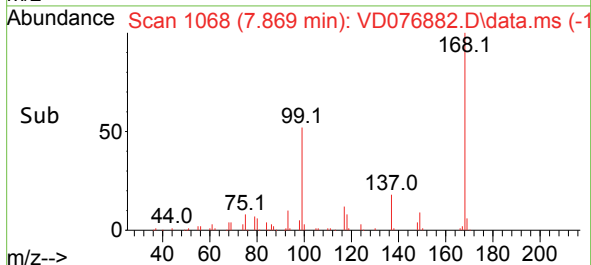
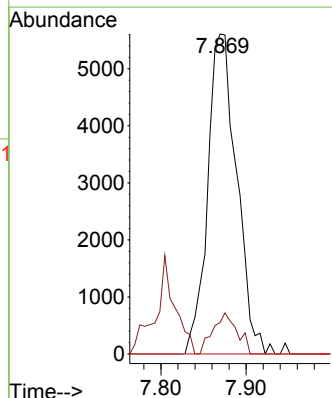
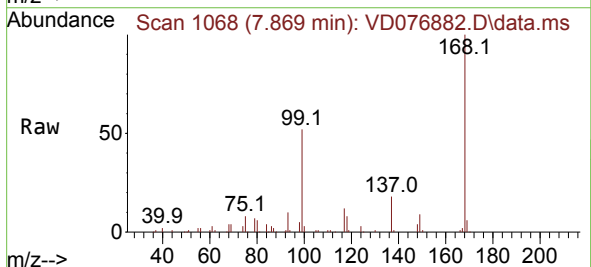
Tgt Ion: 75 Resp: 13308

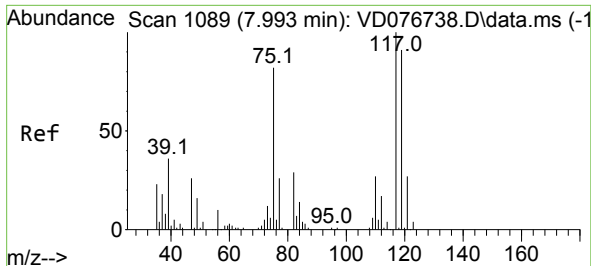
Ion Ratio Lower Upper

75 100

110 10.6 19.9 59.6#

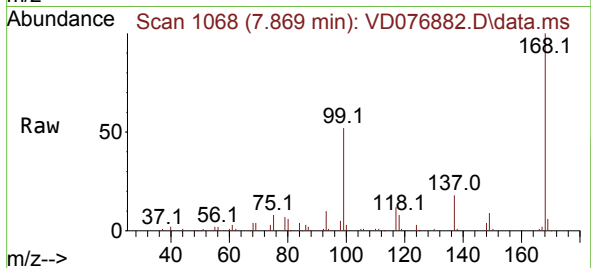
77 0.0 24.7 37.1#



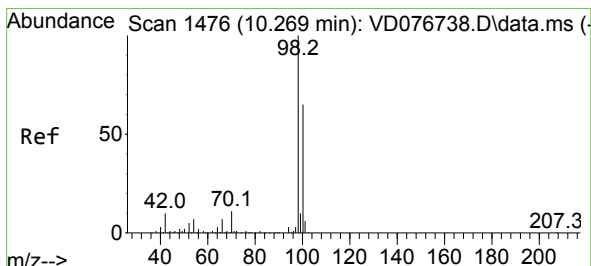
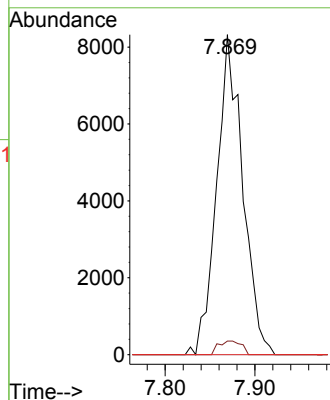
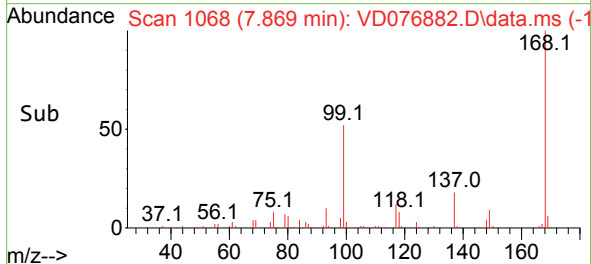


#38
Carbon Tetrachloride
Concen: 6.693 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076882.D
Acq: 31 Jul 2023 18:50

Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-13-(0-5)

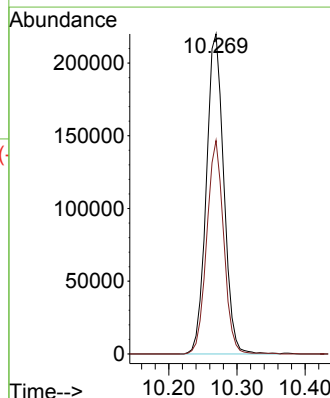
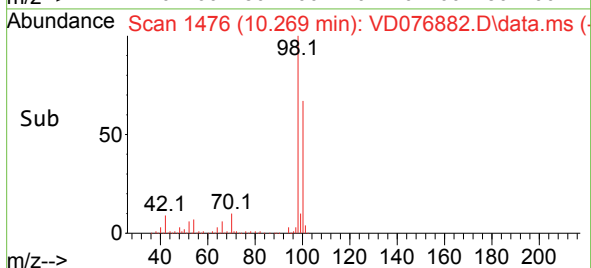
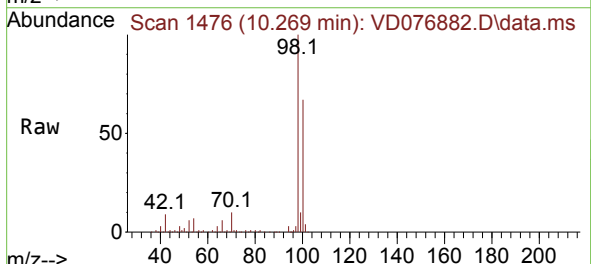


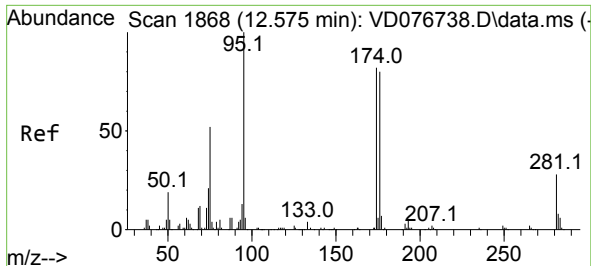
Tgt Ion:117 Resp: 16751
Ion Ratio Lower Upper
117 100
119 4.3 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.708 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076882.D
Acq: 31 Jul 2023 18:50

Tgt Ion: 98 Resp: 391451
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5

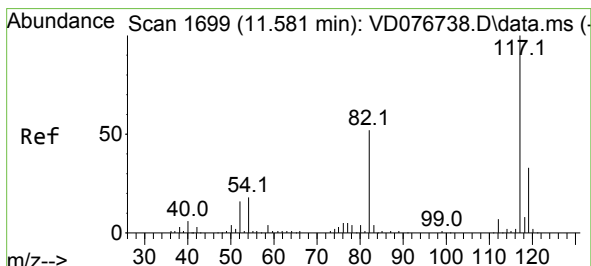
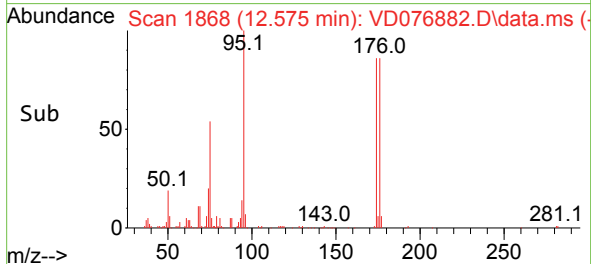
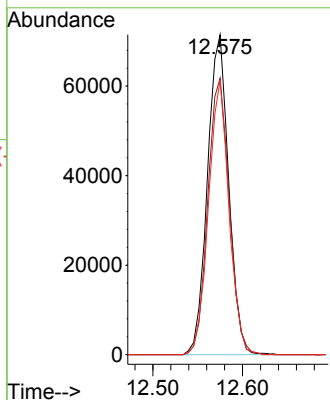
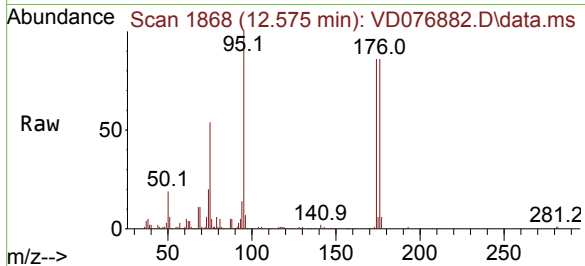




#62
4-Bromofluorobenzene
Concen: 50.524 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076882.D
Acq: 31 Jul 2023 18:50

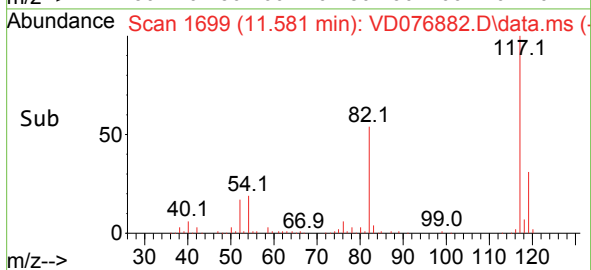
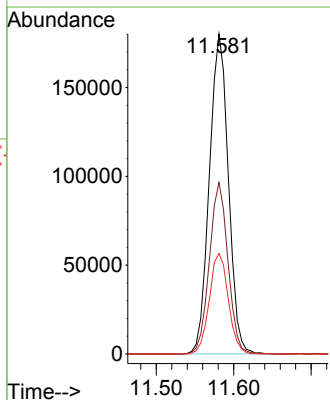
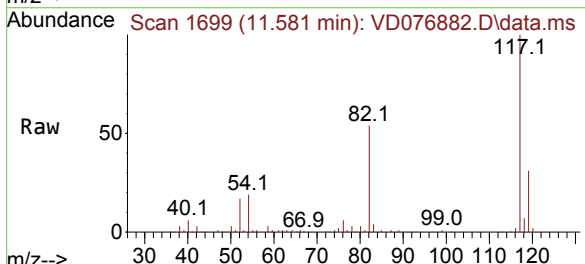
Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-13-(0-5)

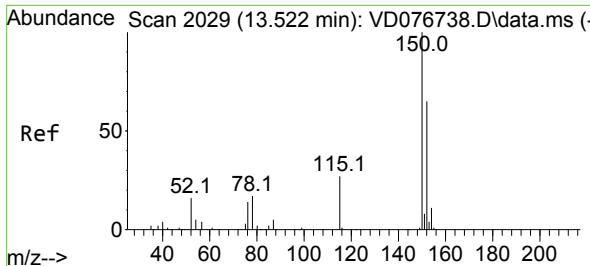
Tgt Ion:	95	Resp:	116950
Ion Ratio	Lower	Upper	
95	100		
174	88.1	0.0	201.8
176	83.0	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076882.D
Acq: 31 Jul 2023 18:50

Tgt Ion:	117	Resp:	307015
Ion Ratio	Lower	Upper	
117	100		
82	53.6	38.3	57.5
119	31.4	25.0	37.4

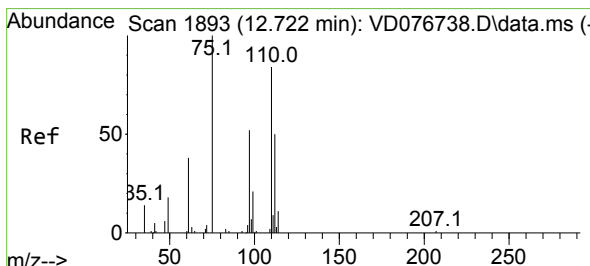
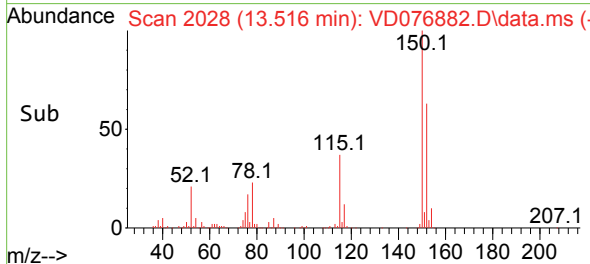
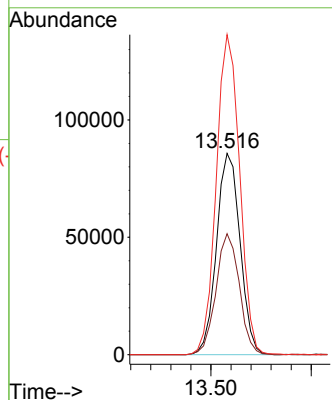
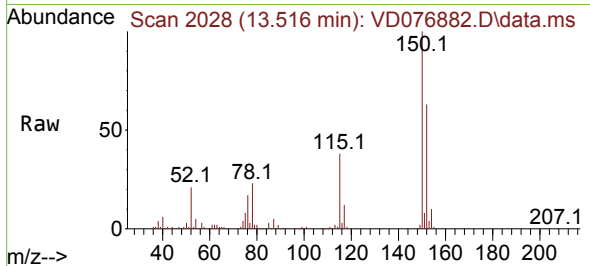




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD076882.D
Acq: 31 Jul 2023 18:50

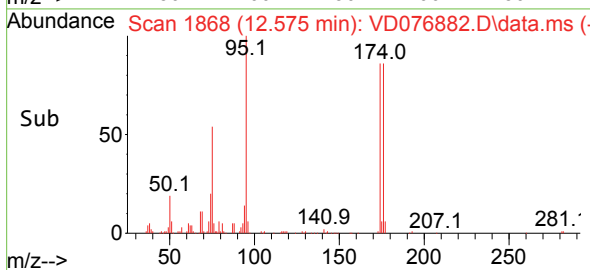
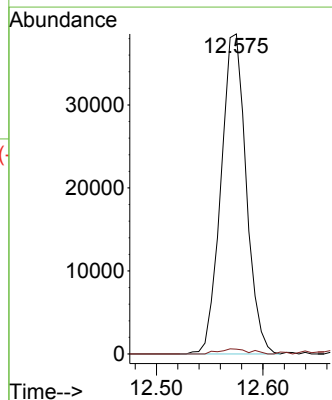
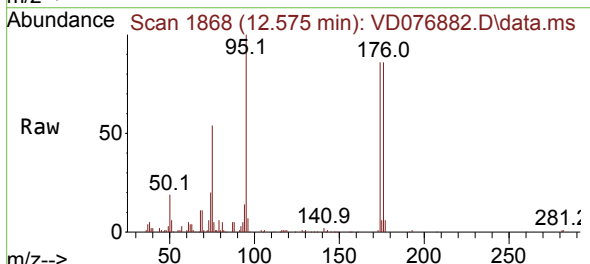
Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-13-(0-5)

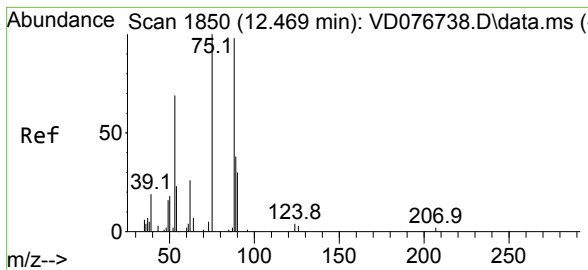
Tgt Ion:152 Resp: 139753
Ion Ratio Lower Upper
152 100
115 59.6 27.1 81.3
150 158.1 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 47.735 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076882.D
Acq: 31 Jul 2023 18:50

Tgt Ion: 75 Resp: 63441
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.592 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076882.D
 Acq: 31 Jul 2023 18:50

Instrument :
 MSVOA_D
 ClientSampleId :
 BUILDING-B-13-(0-5)

Tgt Ion: 75	Resp:	63441
Ion Ratio	Lower	Upper
75	100	
53	0.1	63.0 94.4#
89	0.0	37.9 56.9#

