

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076891.D
 Acq On : 01 Aug 2023 13:13
 Operator : KP/SY
 Sample : 03840-03
 Misc : 7.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BUILDING-B-19-(0-5)

Quant Time: Aug 02 01:28:27 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)

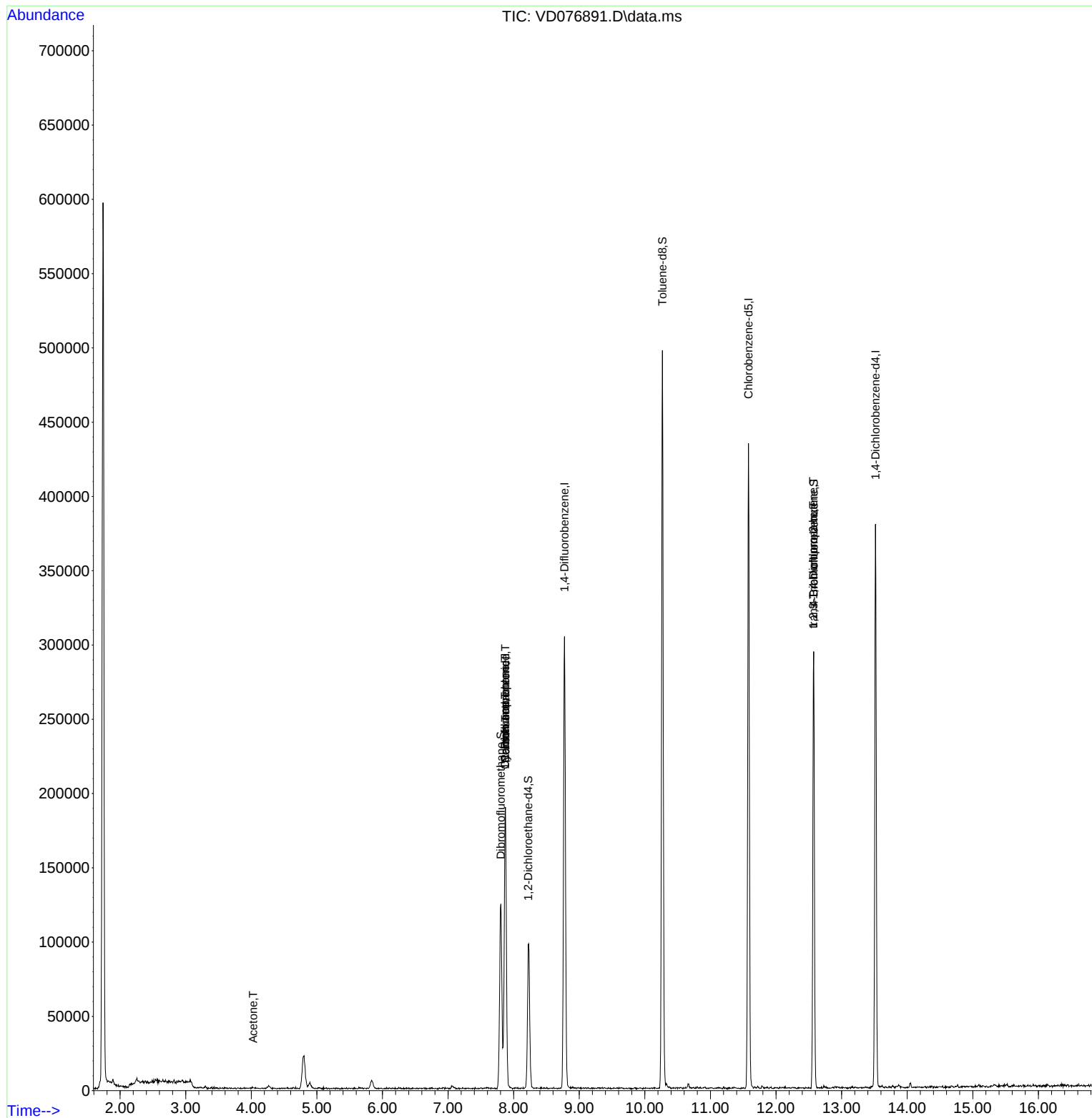
Internal Standards						
1) Pentafluorobenzene	7.875	168	144628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	281920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	255943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	75685	52.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.080%	
35) Dibromofluoromethane	7.804	113	92465	52.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.380%	
50) Toluene-d8	10.269	98	341711	53.917	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.575	95	90825	44.299	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.600%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	666	1.936	ug/l #	32
20) Methylene Chloride	4.799	84	17840	Below Cal	#	83
31) Cyclohexane	7.869	56	3981	1.878	ug/l #	59
36) 1,1-Dichloropropene	7.869	75	12504	5.401	ug/l #	46
38) Carbon Tetrachloride	7.875	117	15484	6.985	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	50740	51.979	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	50740	110.624	ug/l #	18

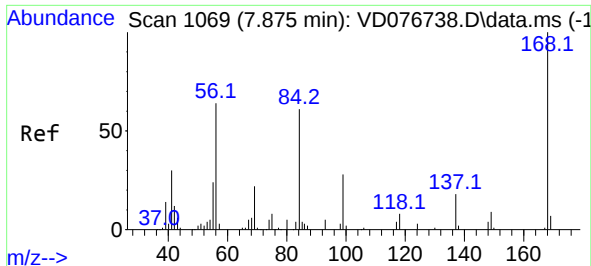
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BUILDING-B-19-(0-5)

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QLast Update : Mon Jul 17 08:07:52 2023
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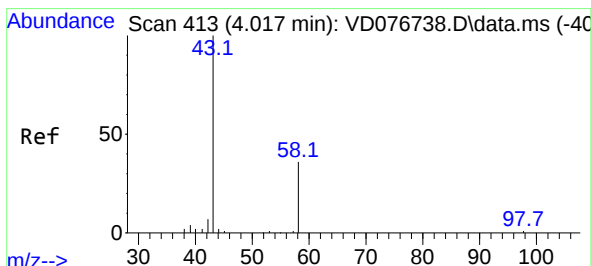
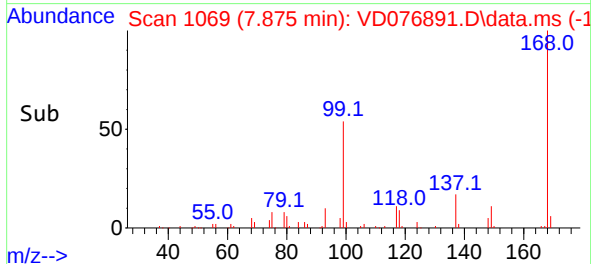
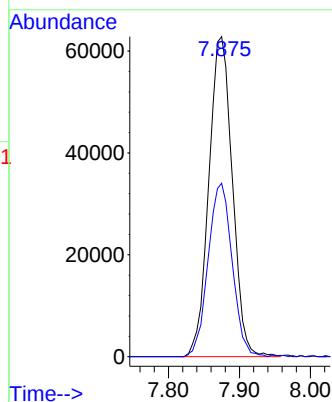
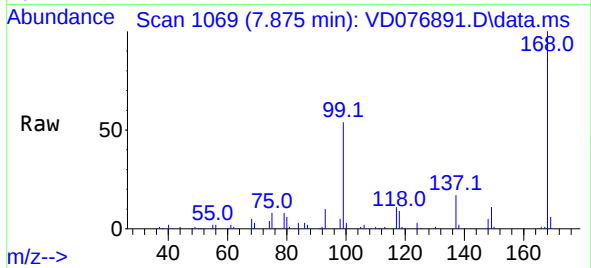




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

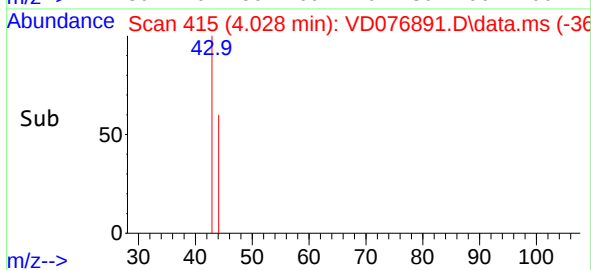
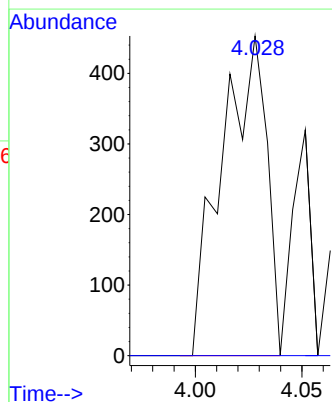
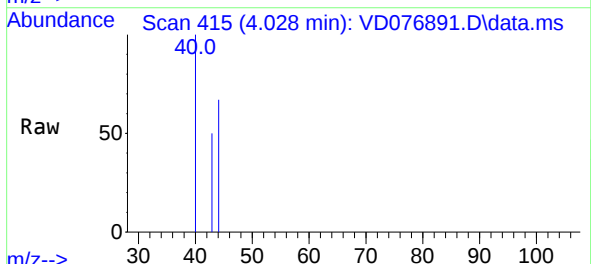
Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-19-(0-5)

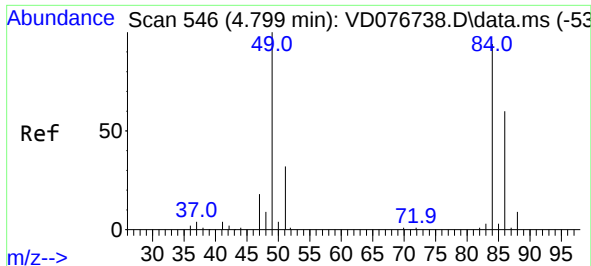
Tgt Ion:168 Resp: 144628
Ion Ratio Lower Upper
168 100
99 54.2 36.7 55.1



#16
Acetone
Concen: 1.936 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

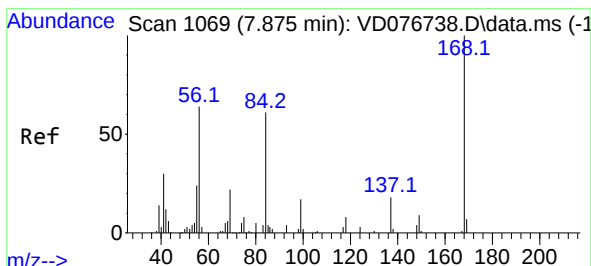
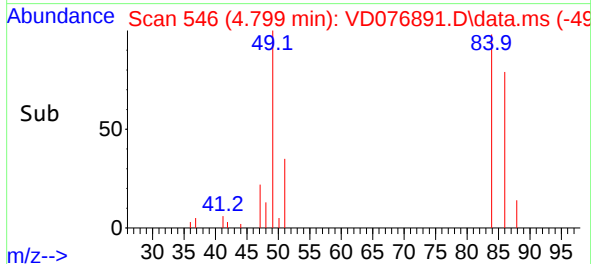
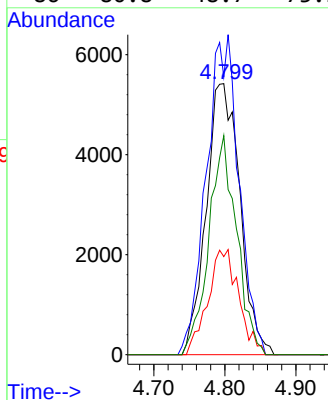
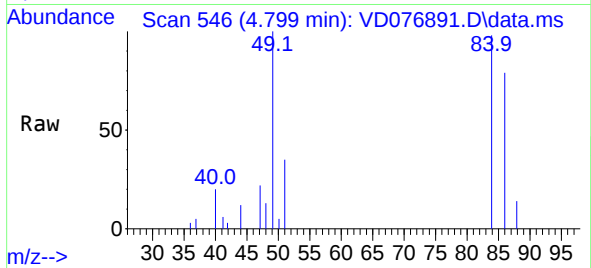




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

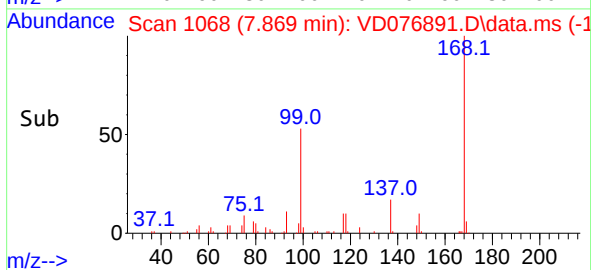
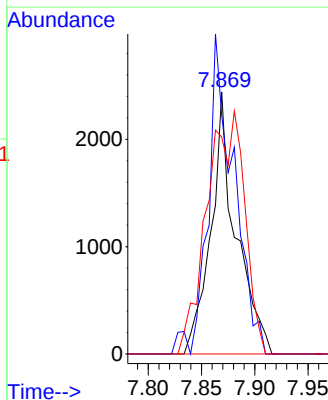
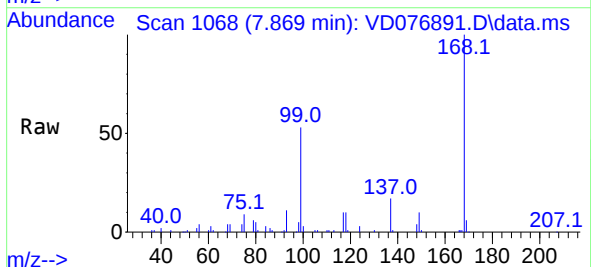
Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-19-(0-5)

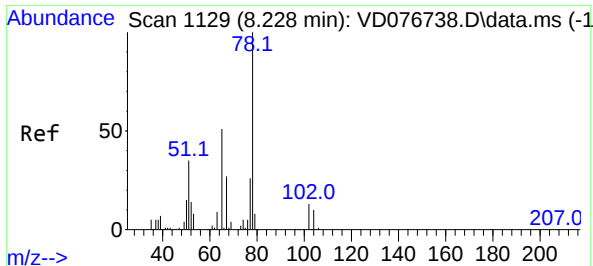
Tgt Ion:	84	Resp:	17840
Ion	Ratio	Lower	Upper
84	100		
49	102.5	71.4	107.2
51	36.2	24.5	36.7
86	80.8	48.7	73.1#



#31
Cyclohexane
Concen: 1.878 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

Tgt Ion:	56	Resp:	3981
Ion	Ratio	Lower	Upper
56	100		
69	91.1	28.6	43.0#
84	82.7	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 52.539 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076891.D

Acq: 01 Aug 2023 13:13

Instrument :

MSVOA_D

ClientSampleId :

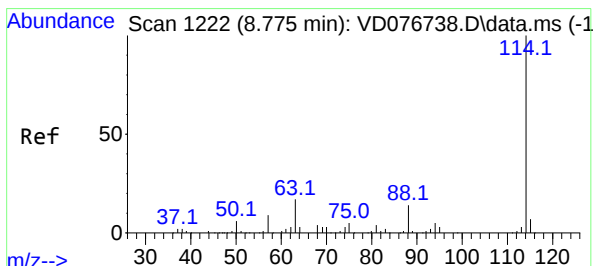
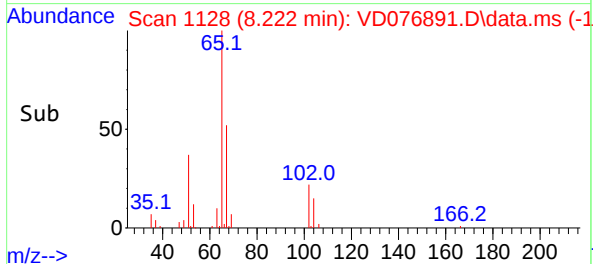
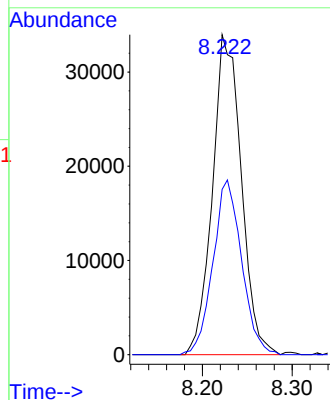
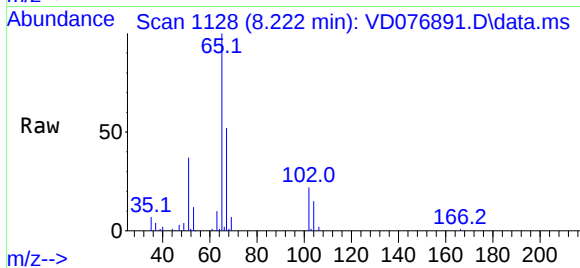
BUILDING-B-19-(0-5)

Tgt Ion: 65 Resp: 75685

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: VD076891.D

Acq: 01 Aug 2023 13:13

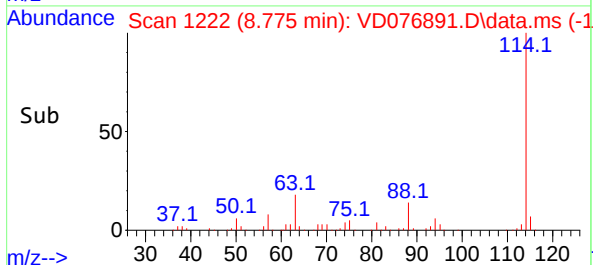
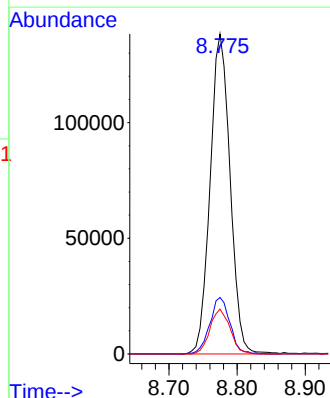
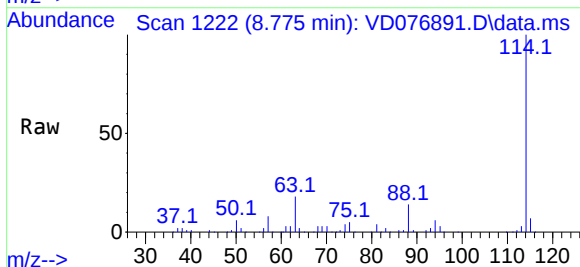
Tgt Ion: 114 Resp: 281920

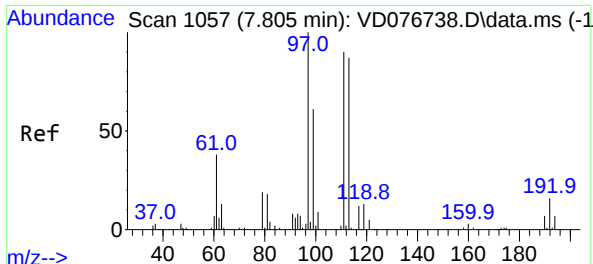
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 14.0 0.0 26.2

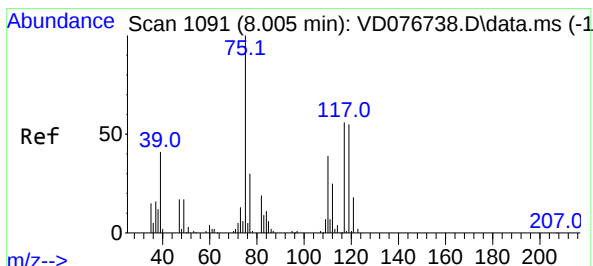
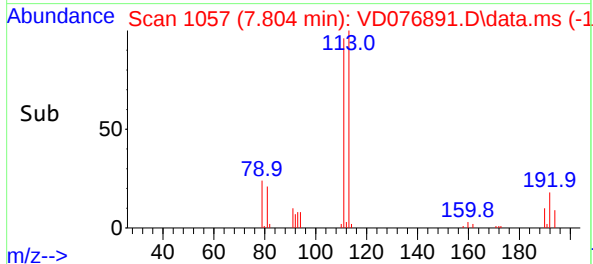
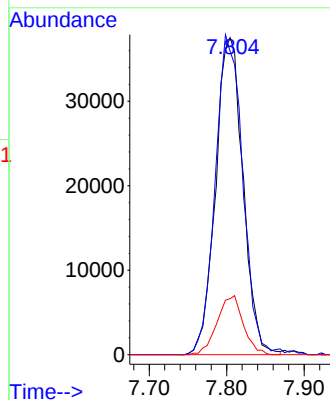
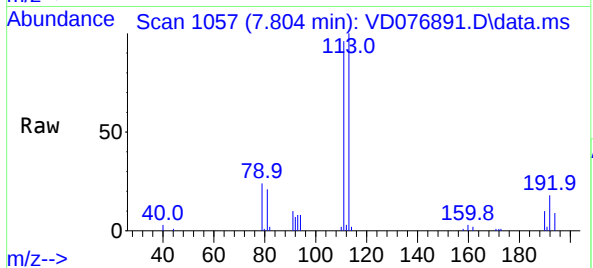




#35
Dibromofluoromethane
Concen: 52.193 ug/l
RT: 7.804 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

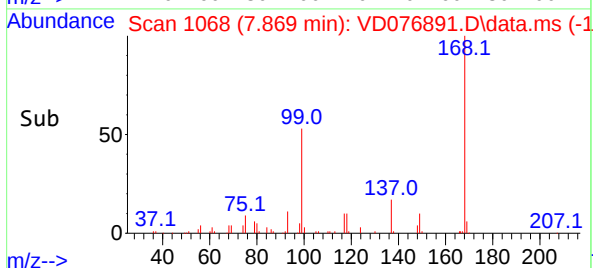
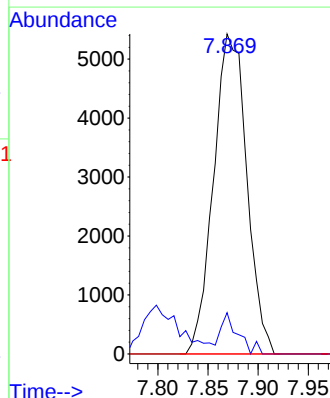
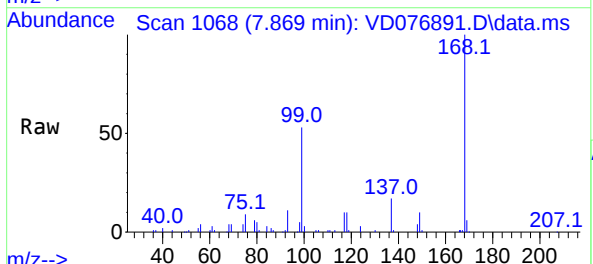
Instrument :
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ClientSampleId :
BUILDING-B-19-(0-5)

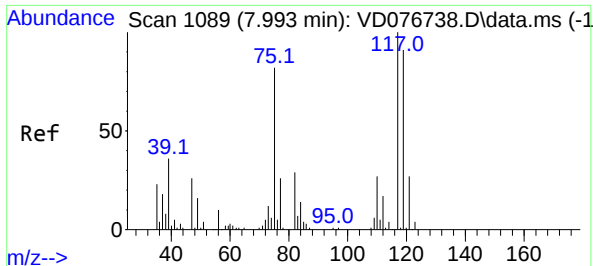
Tgt Ion:113 Resp: 92465
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 17.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.401 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

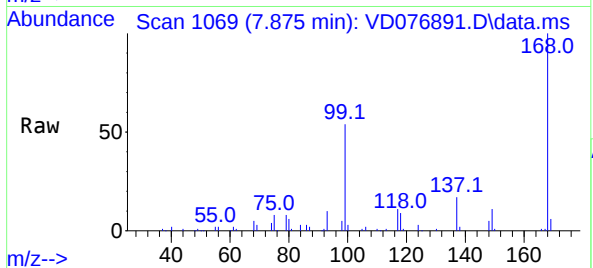
Tgt Ion: 75 Resp: 12504
Ion Ratio Lower Upper
75 100
110 7.6 19.9 59.6#
77 0.0 24.7 37.1#



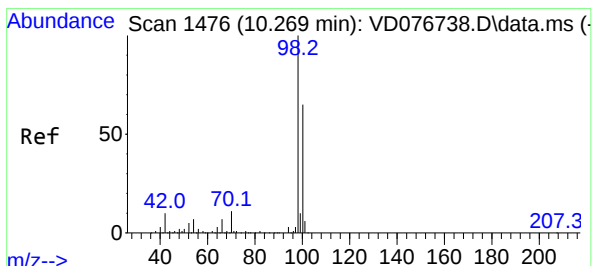
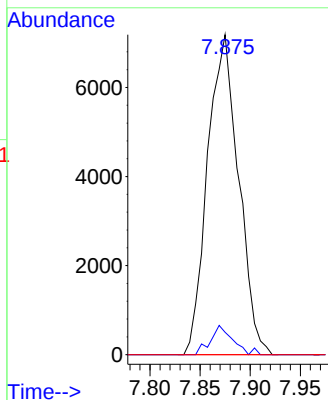
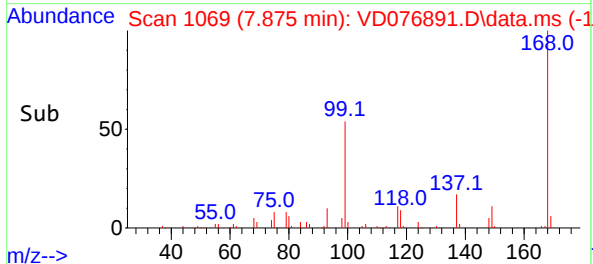


#38
Carbon Tetrachloride
Concen: 6.985 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-19-(0-5)

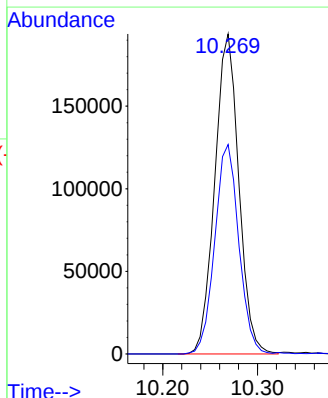
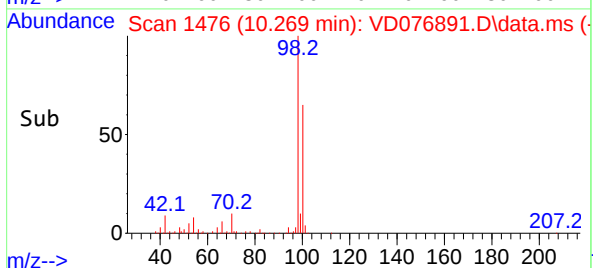
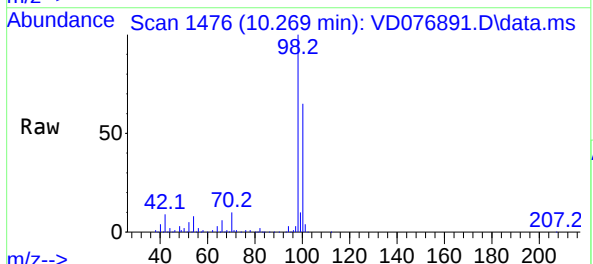


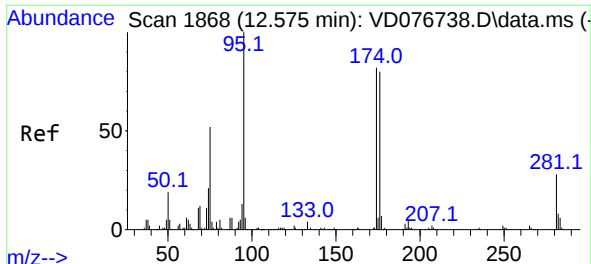
Tgt Ion:117 Resp: 15484
Ion Ratio Lower Upper
117 100
119 7.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.917 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

Tgt Ion: 98 Resp: 341711
Ion Ratio Lower Upper
98 100
100 65.4 50.3 75.5

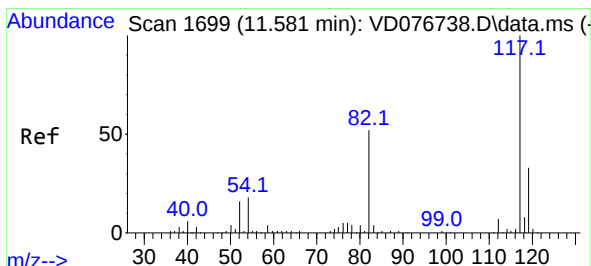
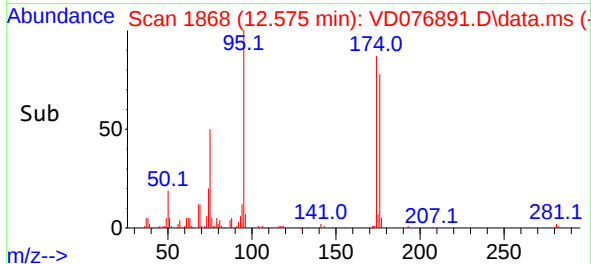
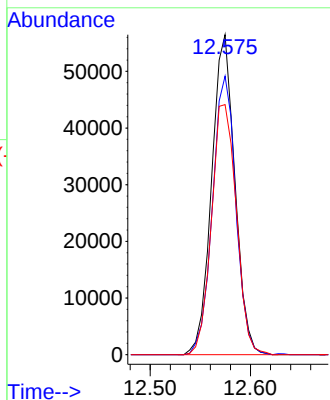
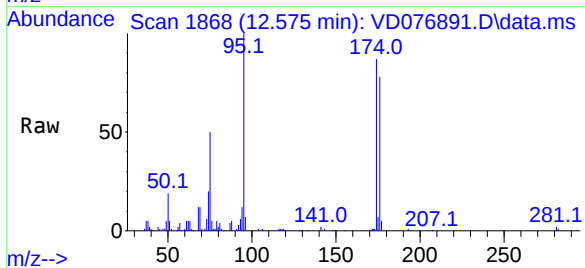




#62
4-Bromofluorobenzene
Concen: 44.299 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

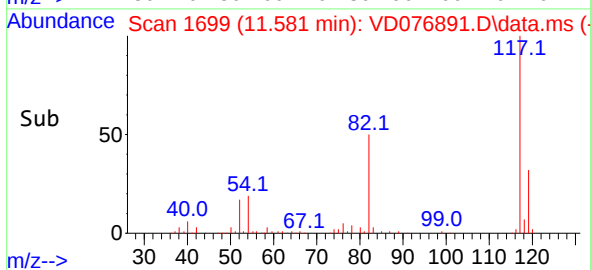
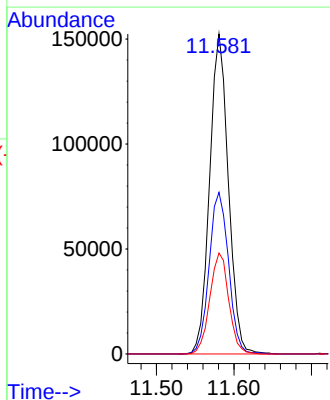
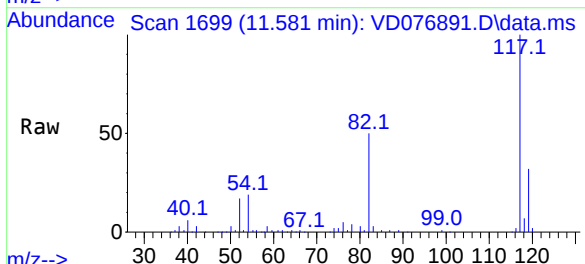
Instrument :
MSVOA_D
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BUILDING-B-19-(0-5)

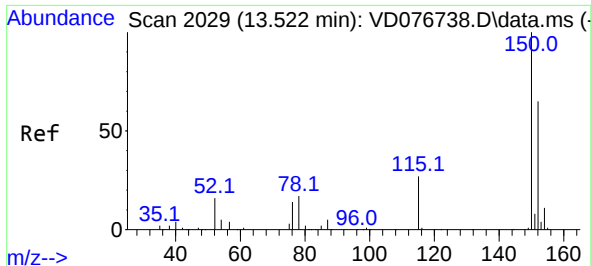
Tgt Ion:	95	Resp:	90825
Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	201.8
176	83.7	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

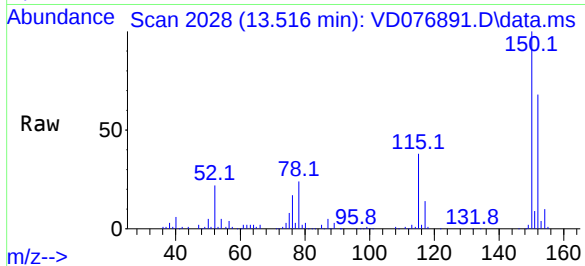
Tgt Ion:	117	Resp:	255943
Ion	Ratio	Lower	Upper
117	100		
82	50.5	38.3	57.5
119	31.5	25.0	37.4



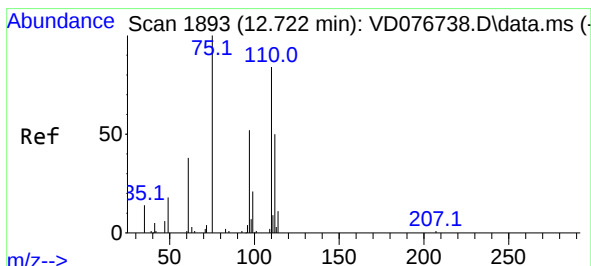
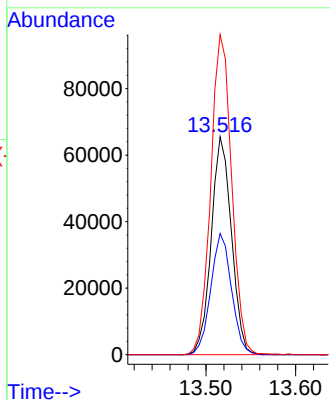
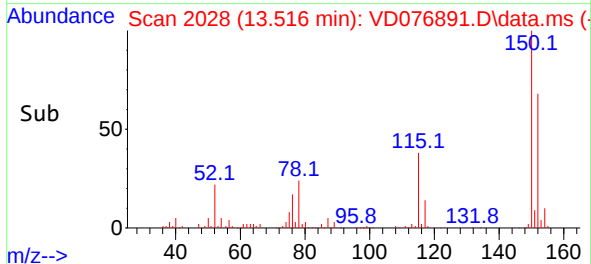


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076891.D
 Acq: 01 Aug 2023 13:13

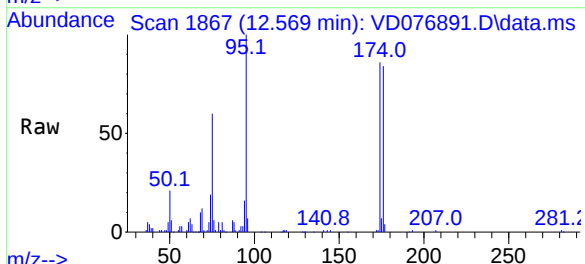
Instrument :
 MSVOA_D
 ClientSampleId :
 BUILDING-B-19-(0-5)



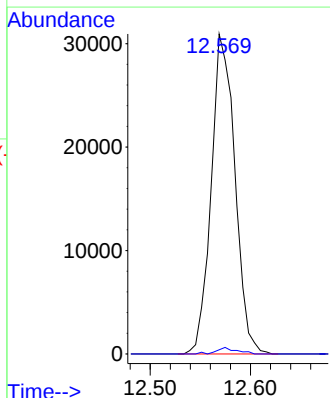
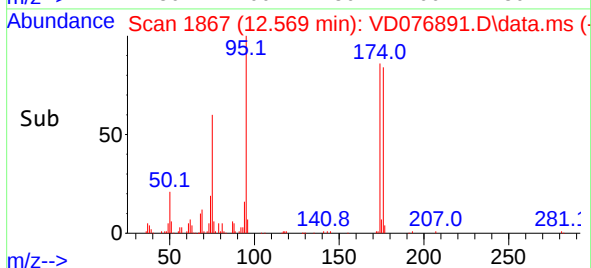
Tgt Ion:152 Resp: 102648
 Ion Ratio Lower Upper
 152 100
 115 56.9 27.1 81.3
 150 151.8 0.0 353.6

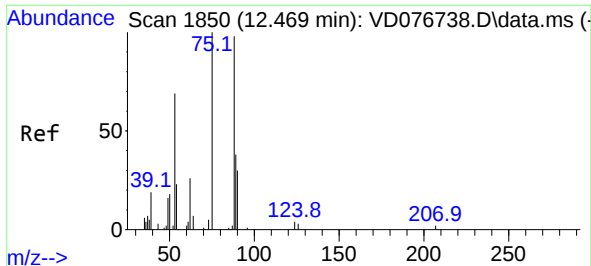


#76
 1,2,3-Trichloropropane
 Concen: 51.979 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD076891.D
 Acq: 01 Aug 2023 13:13



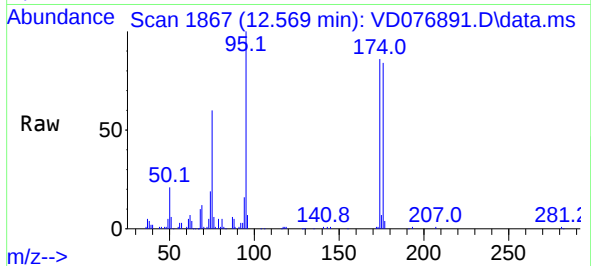
Tgt Ion: 75 Resp: 50740
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.624 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076891.D
 Acq: 01 Aug 2023 13:13

Instrument :
 MSVOA_D
 ClientSampleId :
 BUILDING-B-19-(0-5)



Tgt Ion:	75	Resp:	50740
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.4	37.9	56.9#

