

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076436.D
 Acq On : 15 Jun 2023 13:20
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK120

Quant Time: Jun 16 01:42:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:37:00 2023
 Response via : Initial Calibration

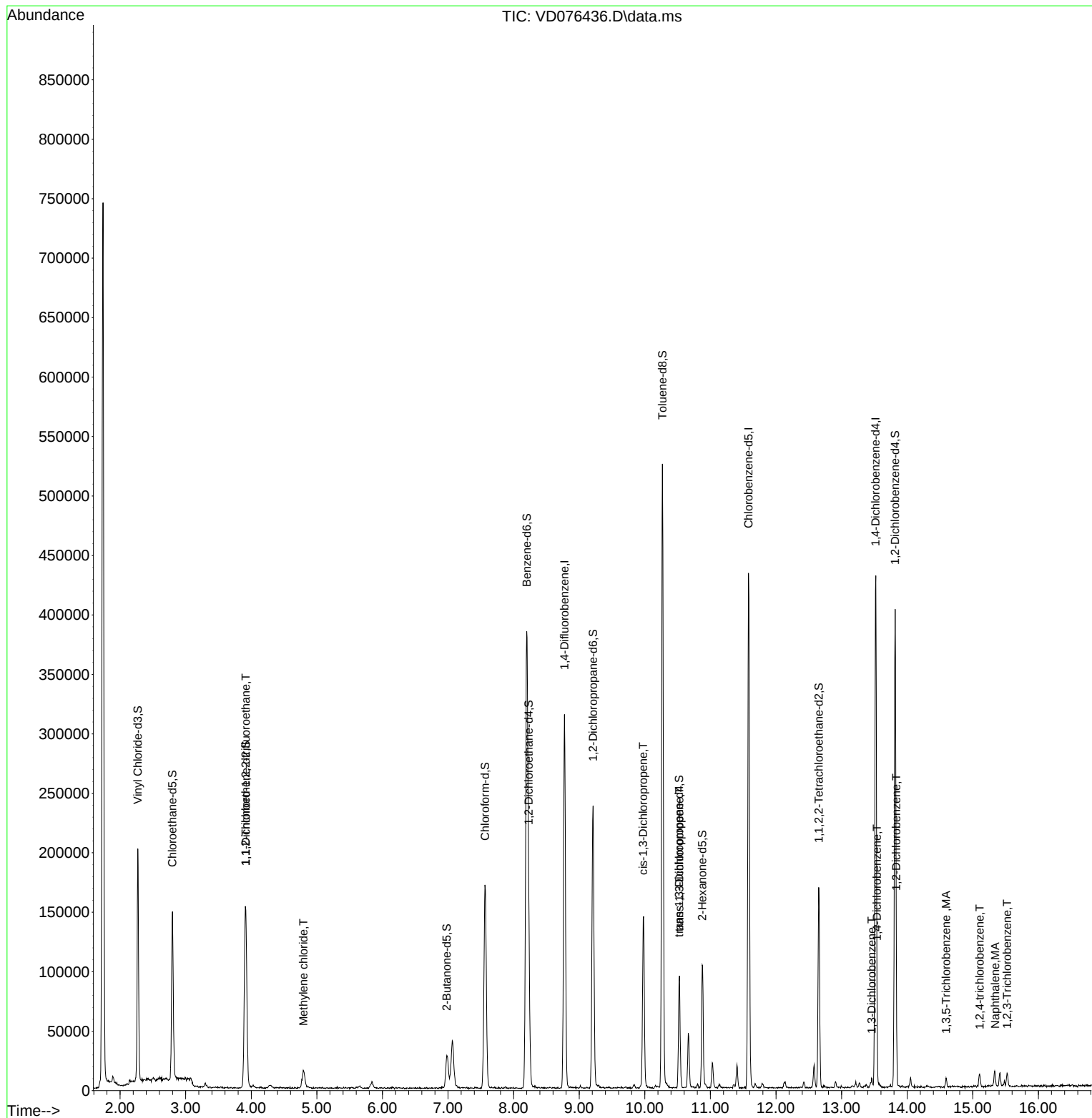
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	279204	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	241807	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	116986	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	175952	25.878	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 103.520%		
7) Chloroethane-d5	2.799	69	136736	24.870	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 99.480%		
11) 1,1-Dichloroethene-d2	3.917	65	45559	25.669	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 102.680%		
21) 2-Butanone-d5	6.981	46	51552	50.062	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 100.120%		
24) Chloroform-d	7.563	84	176604	24.008	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 96.040%		
26) 1,2-Dichloroethane-d4	8.228	65	89892	24.771	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 99.080%		
32) Benzene-d6	8.199	84	384664	26.005	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 104.040%		
36) 1,2-Dichloropropane-d6	9.210	67	121408	25.714	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 102.840%		
41) Toluene-d8	10.269	98	355942	25.988	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 103.960%		
43) trans-1,3-Dichloroprop...	10.522	79	52518	26.743	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 106.960%		
47) 2-Hexanone-d5	10.875	63	38671	52.763	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 105.520%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84336	25.107	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 100.440%		
66) 1,2-Dichlorobenzene-d4	13.816	152	111025	25.892	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 103.560%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.917	101	1102	0.301	ug/L #	20
16) Methylene chloride	4.793	84	9654	1.989	ug/L	88
39) cis-1,3-Dichloropropene	9.975	75	4369	0.656	ug/L	88
44) trans-1,3-Dichloropropene	10.528	75	2549	0.471	ug/L #	34
64) 1,3-Dichlorobenzene	13.457	146	2712	0.341	ug/L	87
65) 1,4-Dichlorobenzene	13.540	146	3395	0.423	ug/L	90
67) 1,2-Dichlorobenzene	13.834	146	2590	0.365	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.592	180	2610	0.492	ug/L	96
70) 1,2,4-trichlorobenzene	15.104	180	3894	0.824	ug/L	99
71) Naphthalene	15.339	128	10768	1.190	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.522	180	4301	1.048	ug/L #	89

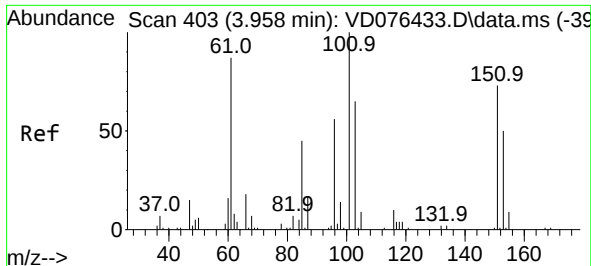
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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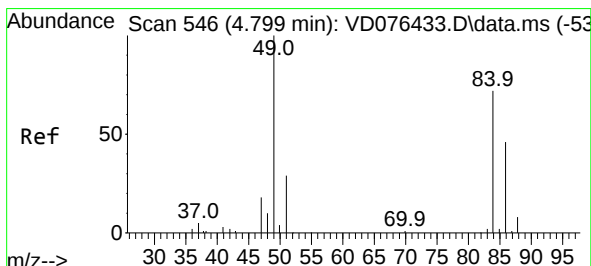
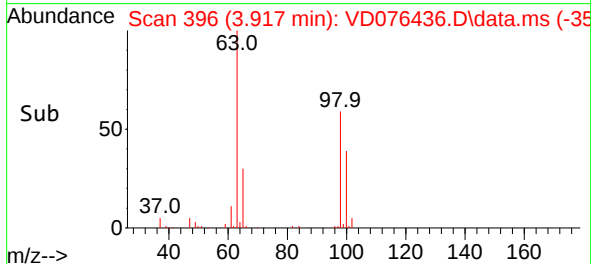
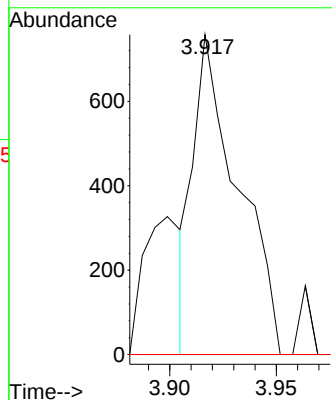
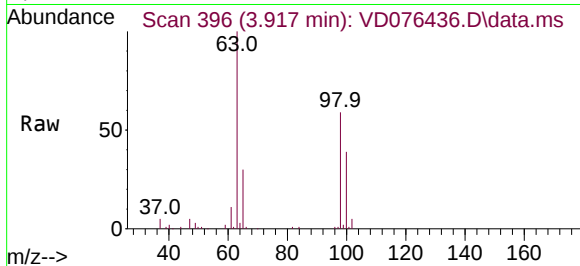




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.301 ug/L
RT: 3.917 min Scan# 396
Delta R.T. -0.041 min
Lab File: VD076436.D
Acq: 15 Jun 2023 13:20

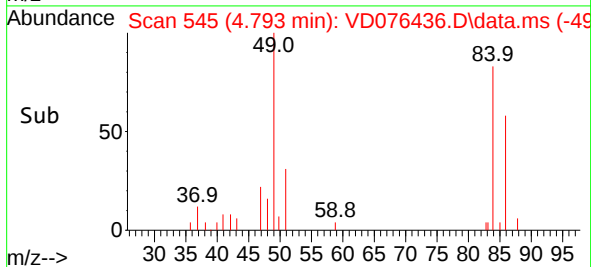
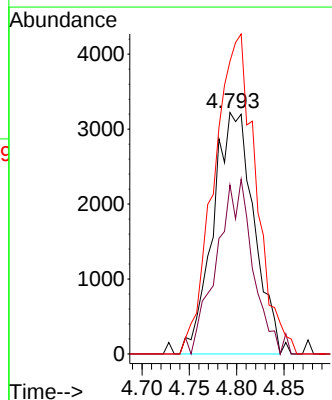
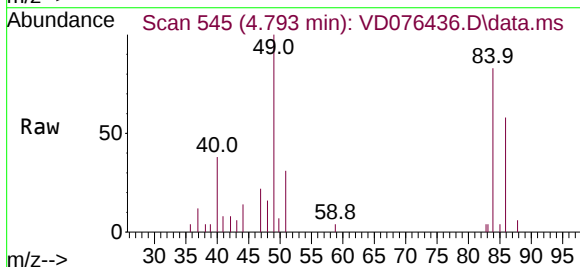
Instrument :
MSVOA_D
ClientSampleId :
VIBLK120

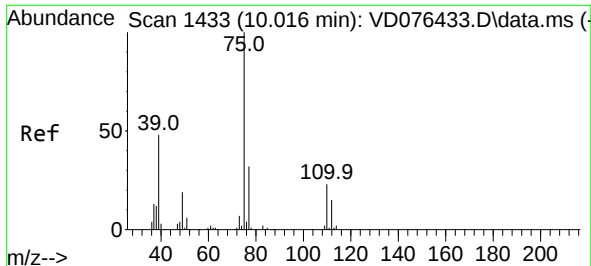
Tgt Ion:101 Resp: 1102
Ion Ratio Lower Upper
101 100
85 0.0 35.5 53.3#
151 0.0 58.6 87.8#



#16
Methylene chloride
Concen: 1.989 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076436.D
Acq: 15 Jun 2023 13:20

Tgt Ion: 84 Resp: 9654
Ion Ratio Lower Upper
84 100
86 70.0 45.1 83.9
49 121.2 97.2 180.6





#39

cis-1,3-Dichloropropene

Concen: 0.656 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD076436.D

Acq: 15 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

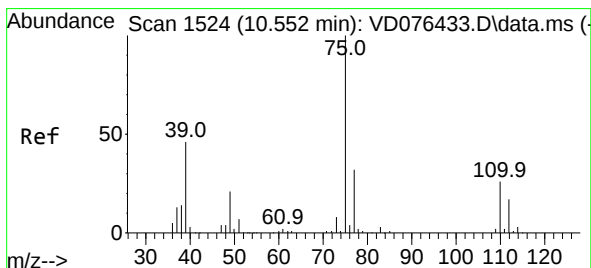
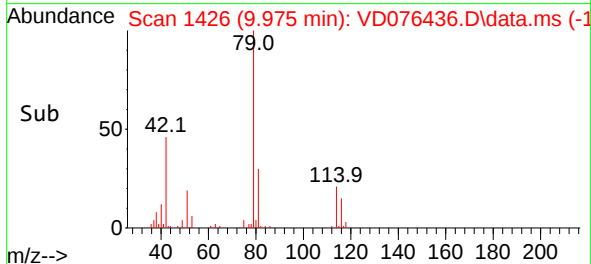
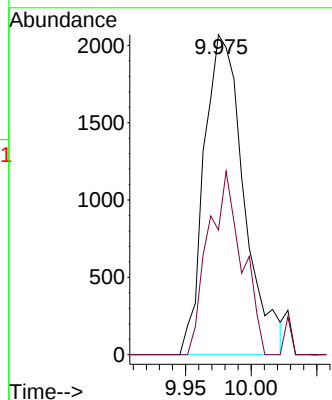
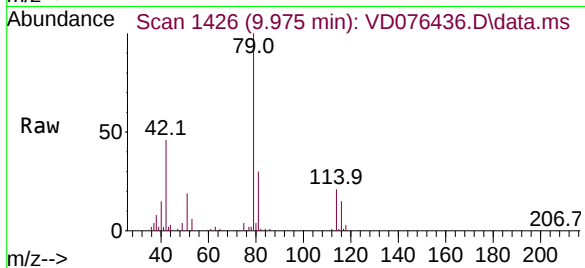
VIBLK120

Tgt Ion: 75 Resp: 4369

Ion Ratio Lower Upper

75 100

77 39.0 22.7 42.3



#44

trans-1,3-Dichloropropene

Concen: 0.471 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.024 min

Lab File: VD076436.D

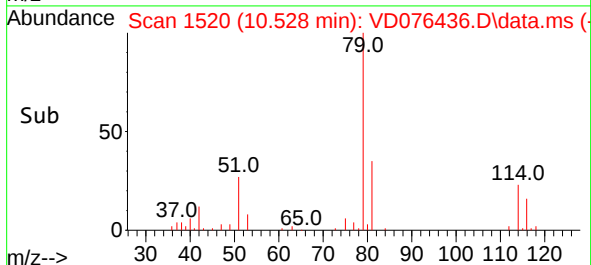
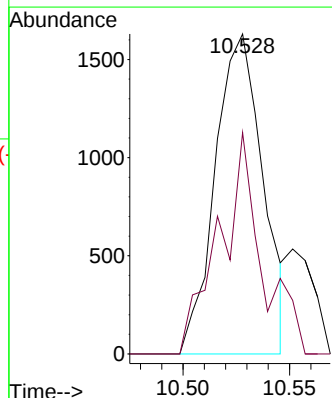
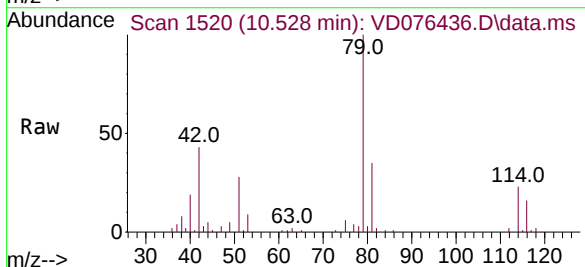
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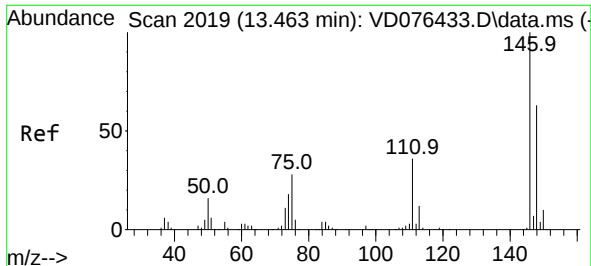
Tgt Ion: 75 Resp: 2549

Ion Ratio Lower Upper

75 100

77 69.2 22.5 41.7#

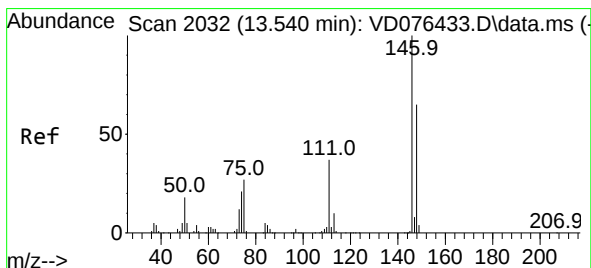
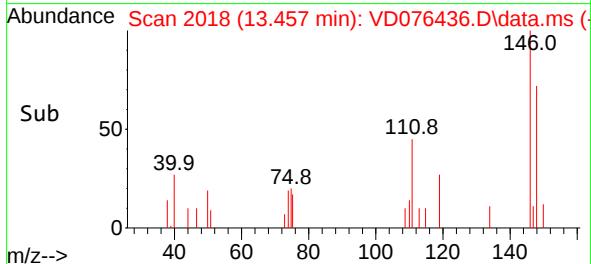
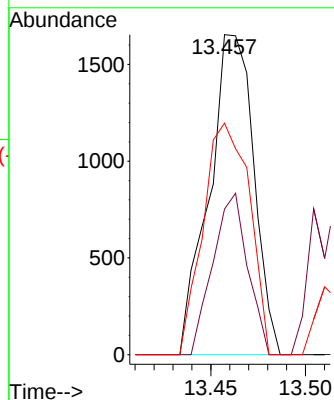
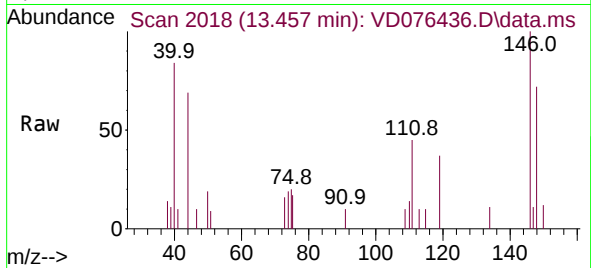




#64
1,3-Dichlorobenzene
Concen: 0.341 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD076436.D
Acq: 15 Jun 2023 13:20

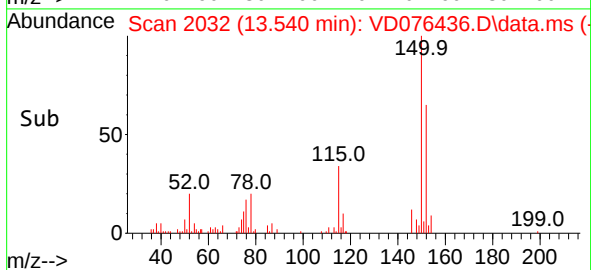
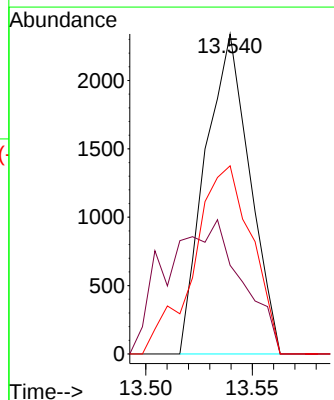
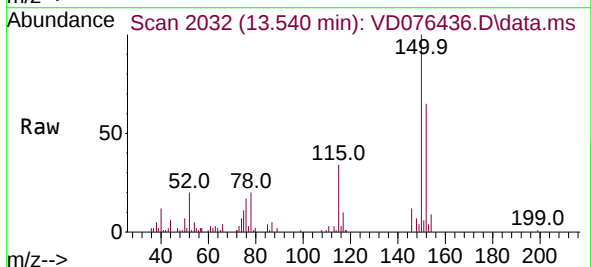
Instrument :
MSVOA_D
ClientSampleId :
VIBLK120

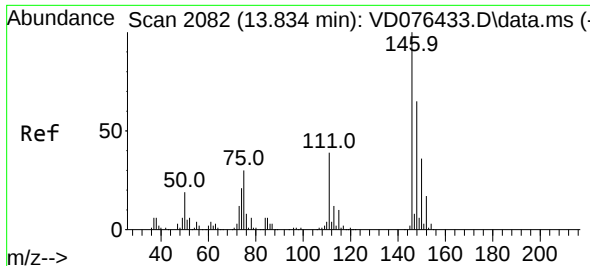
Tgt Ion:146 Resp: 2712
Ion Ratio Lower Upper
146 100
111 45.5 25.6 47.4
148 72.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 0.423 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076436.D
Acq: 15 Jun 2023 13:20

Tgt Ion:146 Resp: 3395
Ion Ratio Lower Upper
146 100
111 27.7 25.7 47.7
148 58.8 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 0.365 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076436.D

Acq: 15 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VIBLK120

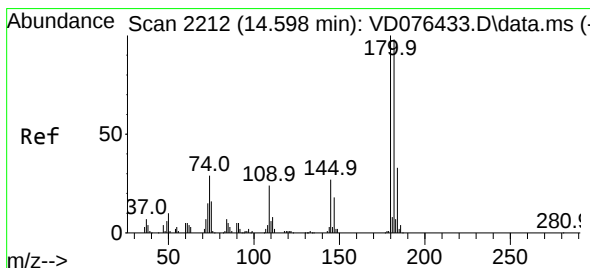
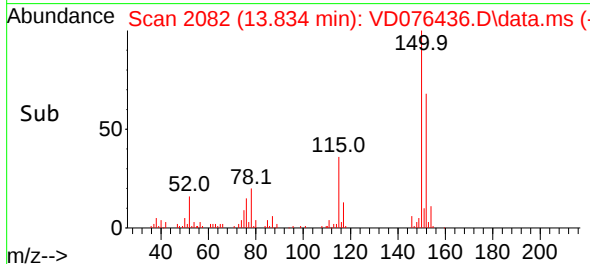
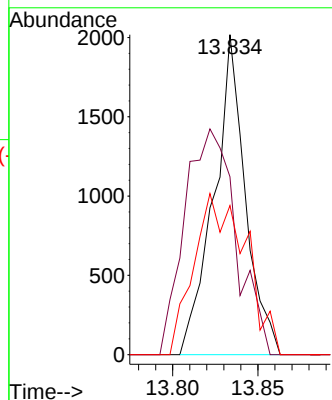
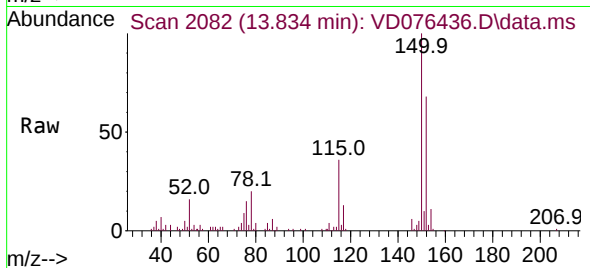
Tgt Ion:146 Resp: 2590

Ion Ratio Lower Upper

146 100

111 63.3 31.3 46.9#

148 46.6 51.7 77.5#



#69

1,3,5-Trichlorobenzene

Concen: 0.492 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.006 min

Lab File: VD076436.D

Acq: 15 Jun 2023 13:20

Tgt Ion:180 Resp: 2610

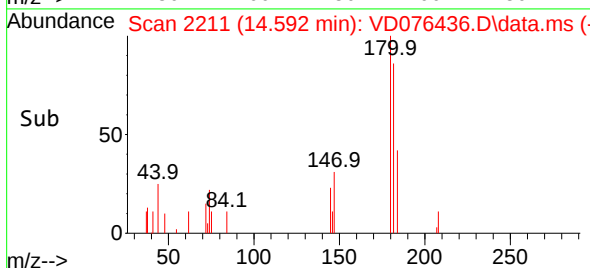
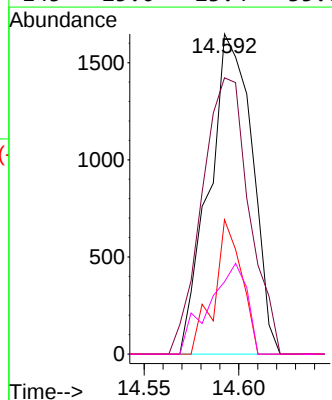
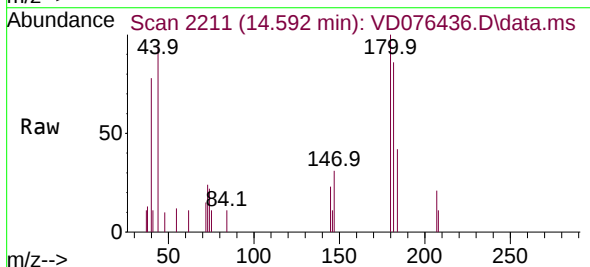
Ion Ratio Lower Upper

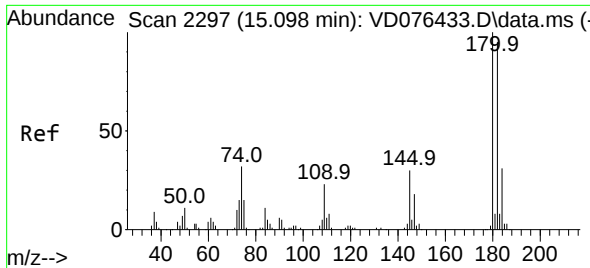
180 100

182 94.4 77.1 115.7

184 26.6 25.0 37.4

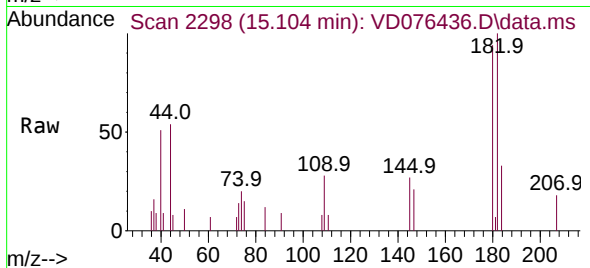
145 25.0 23.4 35.0



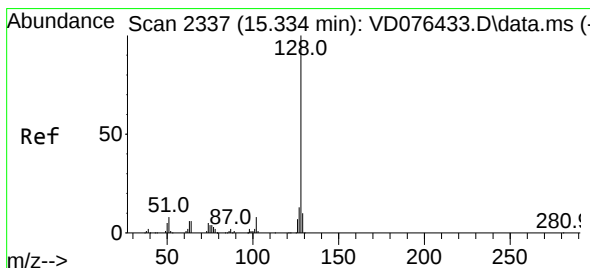
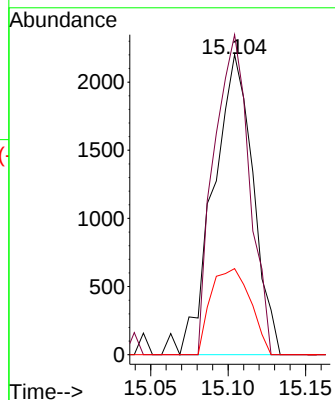
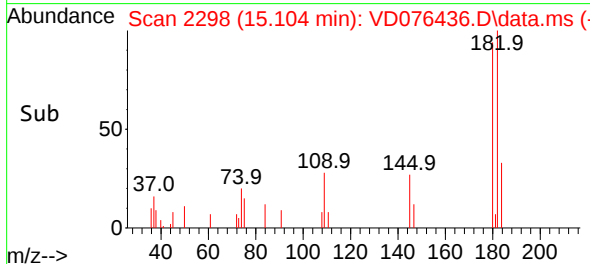


#70
1,2,4-trichlorobenzene
Concen: 0.824 ug/L
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD076436.D
Acq: 15 Jun 2023 13:20

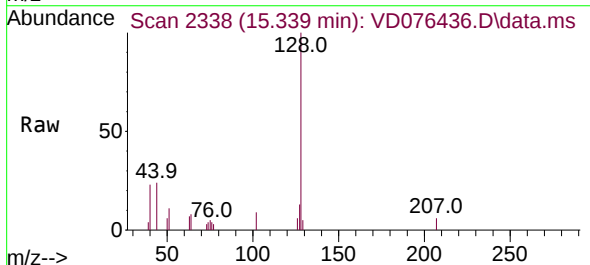
Instrument :
MSVOA_D
ClientSampleId :
VIBLK120



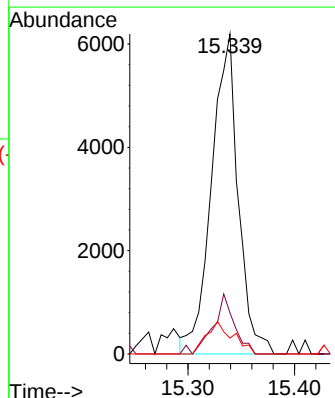
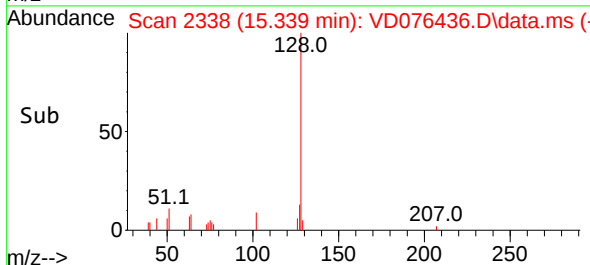
Tgt Ion:180 Resp: 3894
Ion Ratio Lower Upper
180 100
182 95.6 76.9 115.3
145 28.8 23.5 35.3

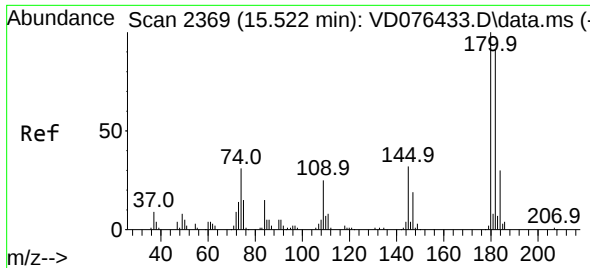


#71
Naphthalene
Concen: 1.190 ug/L
RT: 15.339 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD076436.D
Acq: 15 Jun 2023 13:20



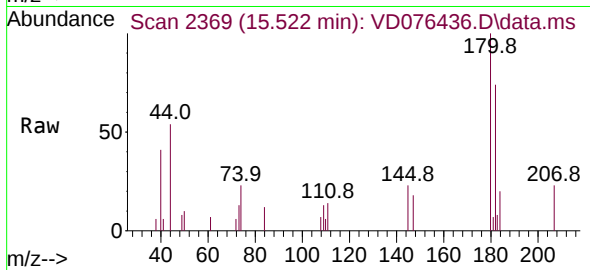
Tgt Ion:128 Resp: 10768
Ion Ratio Lower Upper
128 100
127 14.5 10.8 16.2
129 7.7 8.6 12.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.048 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076436.D
 Acq: 15 Jun 2023 13:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK120



Tgt Ion:180 Resp: 4301
 Ion Ratio Lower Upper
 180 100
 182 84.0 74.3 111.5
 145 22.8 25.0 37.6#

