

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076436.D
 Acq On : 15 Jun 2023 13:20
 Operator : KP/SY
 Sample : VIBLK120
 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)

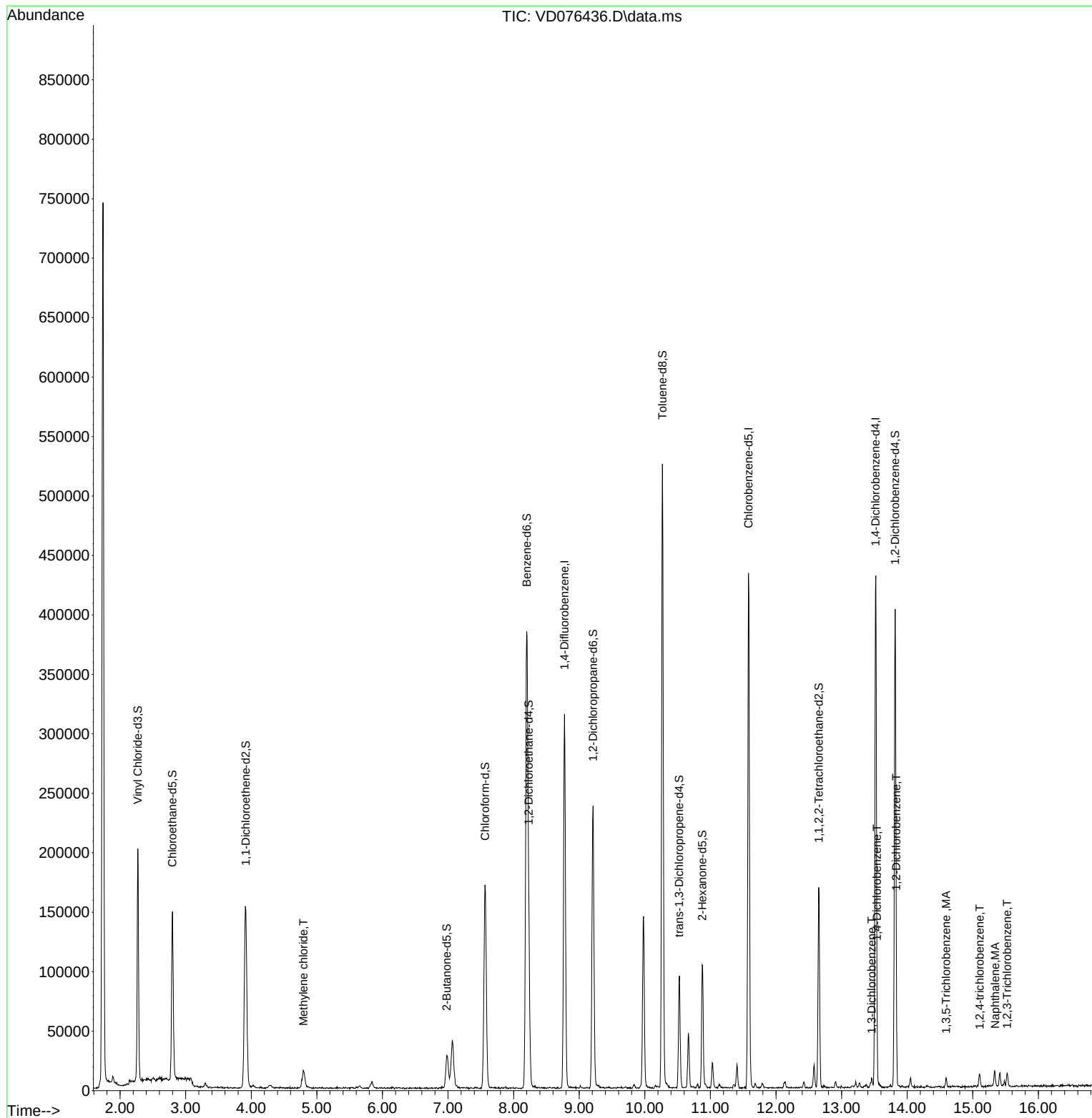
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	279204	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	241807	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	116986	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	175952	25.878	ug/L	0.00
Spiked Amount	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
16) Methylene chloride	4.793	84	9654	1.989	ug/L	88
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

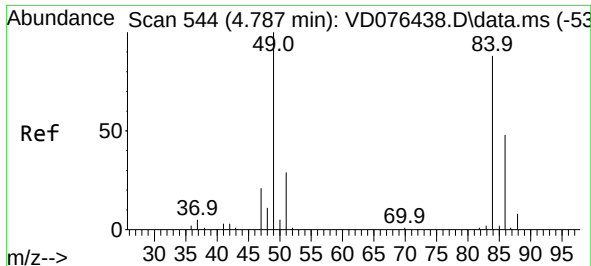
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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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

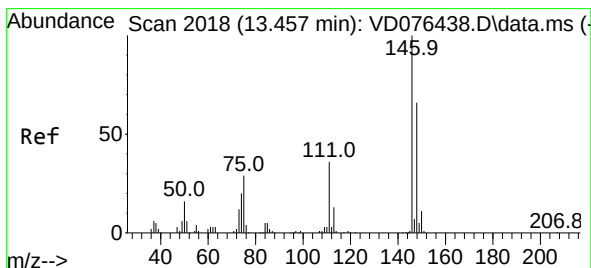
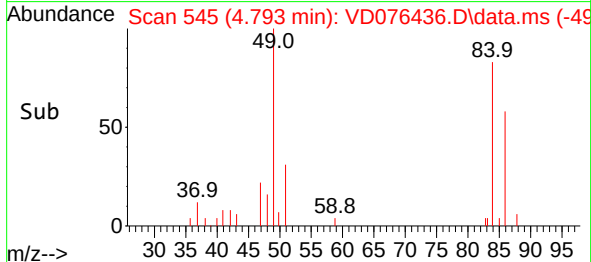
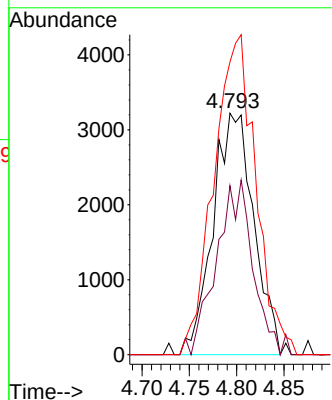
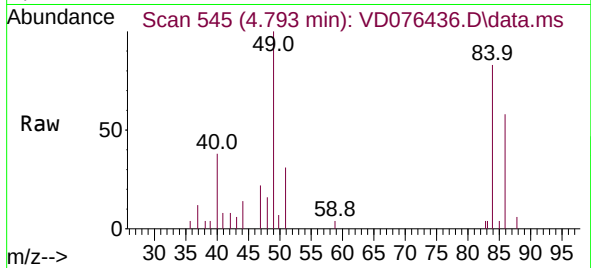




#16
Methylene chloride
Concen: 1.989 ug/L
RT: 4.793 min Scan# 544
Delta R.T. -0.006 min
Lab File: VD076436.D
Acq: 15 Jun 2023 13:20

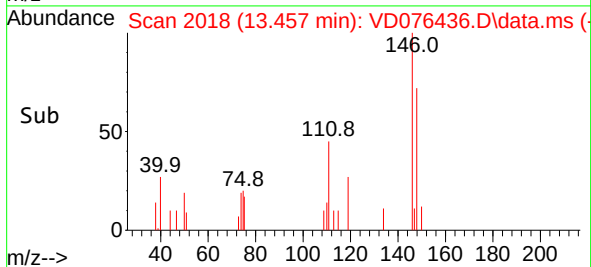
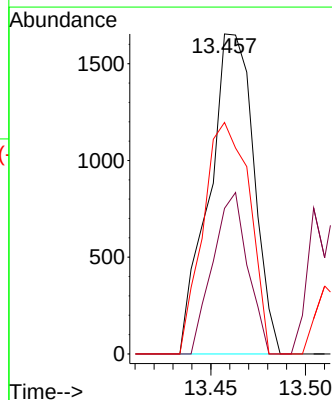
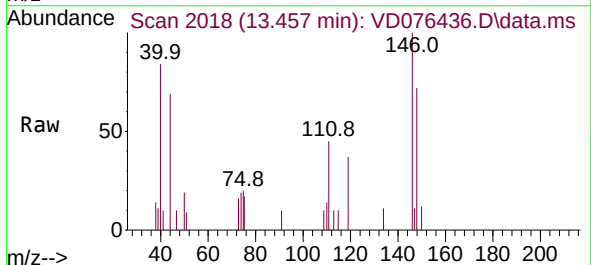
Instrument :
MSVOA_D
ClientSampleId :
VIBLK120

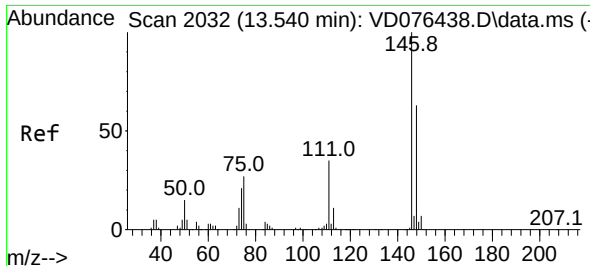
Tgt Ion: 84 Resp: 9654
Ion Ratio Lower Upper
84 100
86 70.0 45.1 83.9
49 121.2 97.2 180.6



#64
1,3-Dichlorobenzene
Concen: 0.341 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD076436.D
Acq: 15 Jun 2023 13:20

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

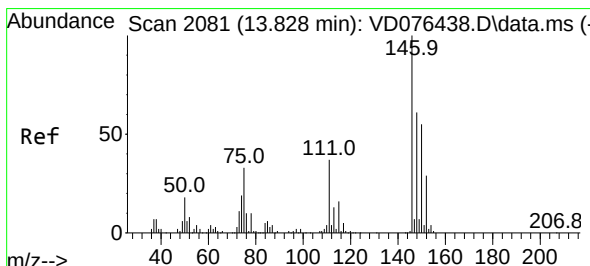
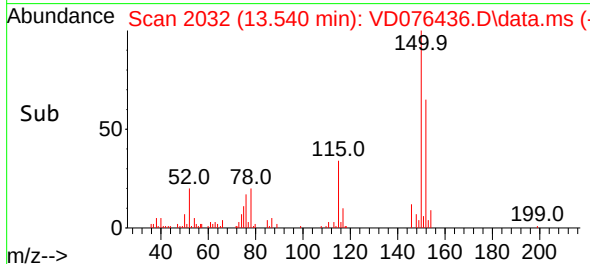
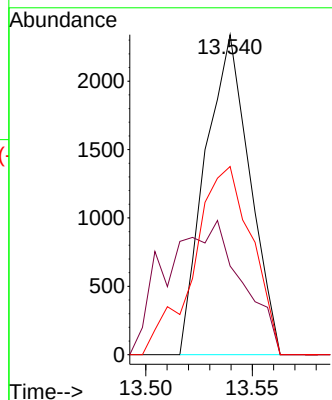
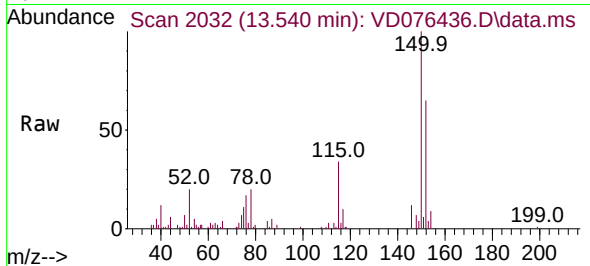




#65
1,4-Dichlorobenzene
Concen: 0.423 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076436.D
Acq: 15 Jun 2023 13:20

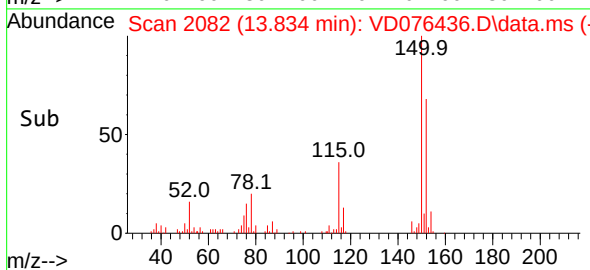
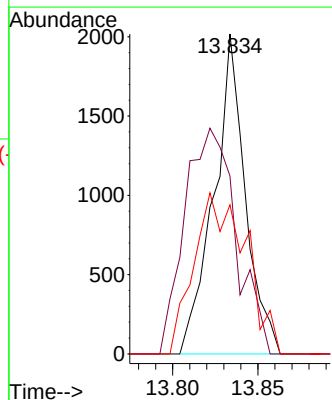
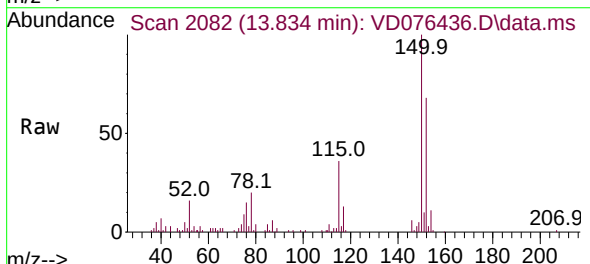
Instrument :
MSVOA_D
ClientSampleId :
VIBLK120

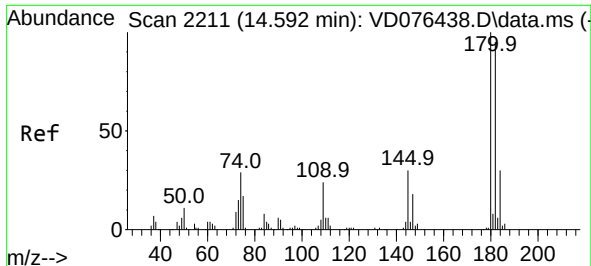
Tgt Ion:146 Resp: 3395
Ion Ratio Lower Upper
146 100
111 27.7 25.7 47.7
148 58.8 45.4 84.2



#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

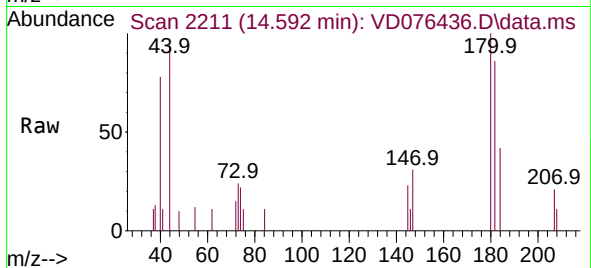
Tgt Ion:146 Resp: 2590
Ion Ratio Lower Upper
146 100
111 63.3 31.3 46.9#
148 46.6 51.7 77.5#





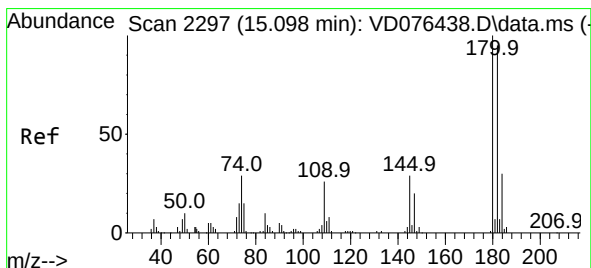
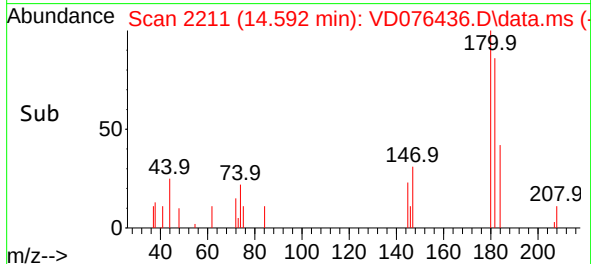
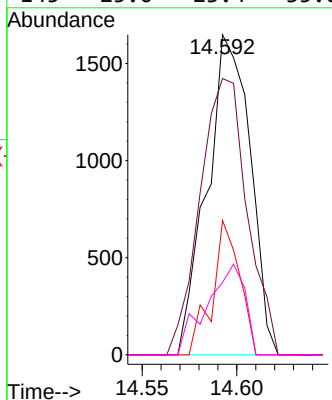
#69
 1,3,5-Trichlorobenzene
 Concen: 0.492 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD076436.D
 Acq: 15 Jun 2023 13:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK120



Tgt Ion:180 Resp: 2610

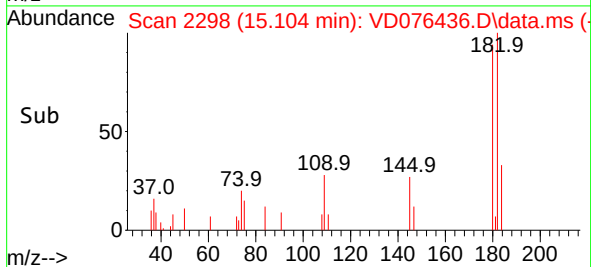
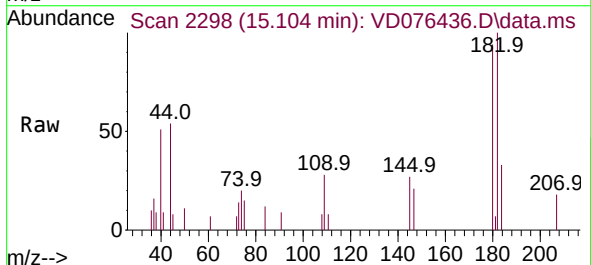
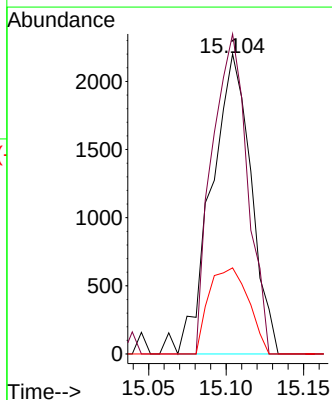
Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.1	115.7
184	26.6	25.0	37.4
145	25.0	23.4	35.0

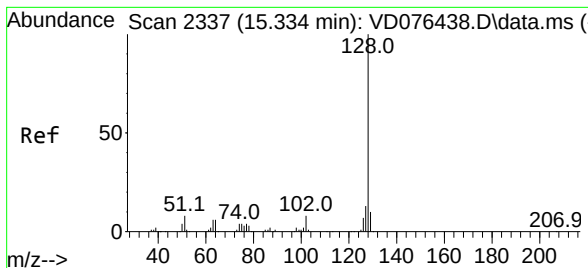


#70
 1,2,4-trichlorobenzene
 Concen: 0.824 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.006 min
 Lab File: VD076436.D
 Acq: 15 Jun 2023 13:20

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# 21

Delta R.T. 0.006 min

Lab File: VD076436.D

Acq: 15 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VIBLK120

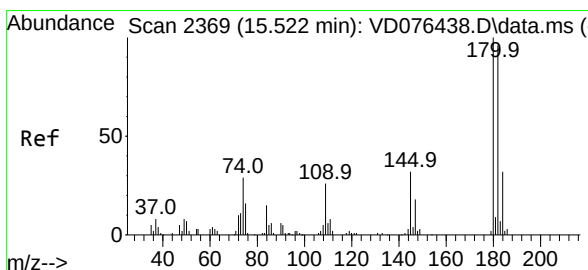
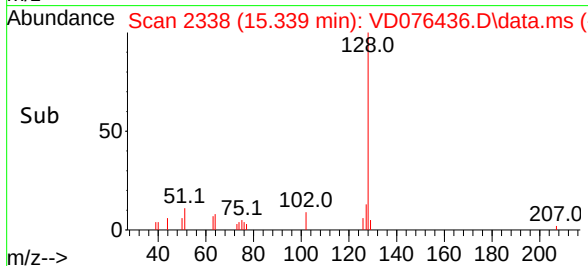
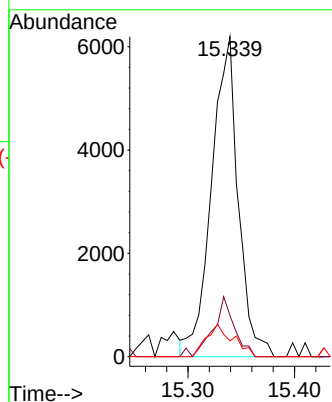
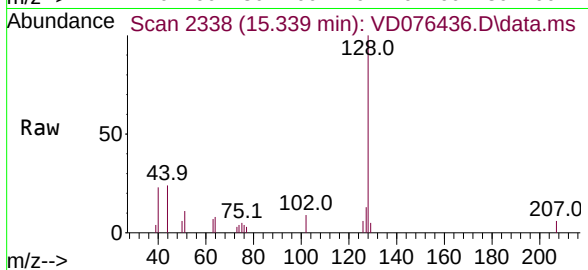
Tgt Ion:128 Resp: 10768

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# 2369

Delta R.T. -0.000 min

Lab File: VD076436.D

Acq: 15 Jun 2023 13:20

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#

