

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027453.D
 Acq On : 19 Aug 2022 20:26
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK281

Quant Time: Aug 20 06:09:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

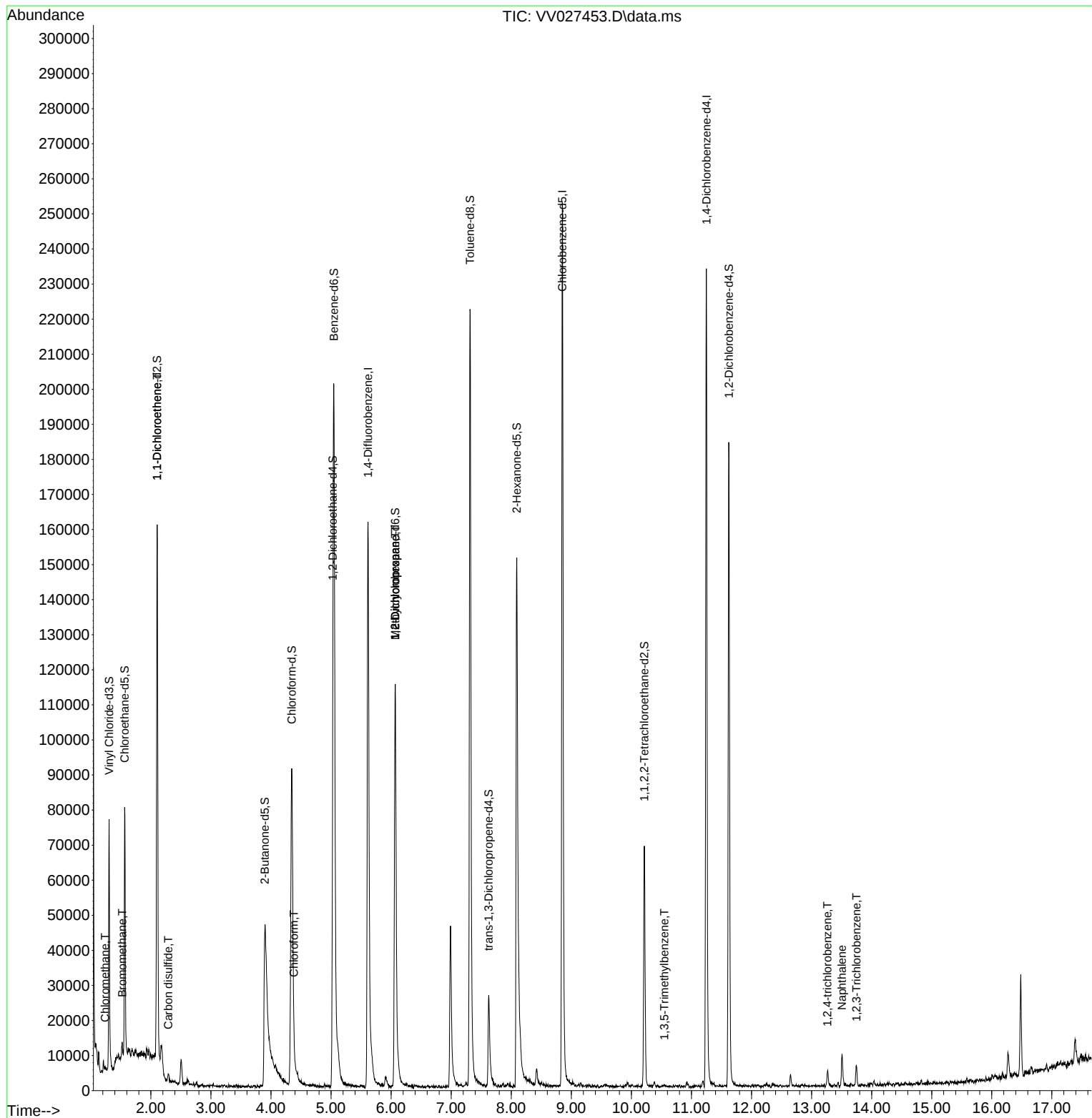
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	143821	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61373	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48312	4.720	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.400%	
7) Chloroethane-d5	1.564	69	44977	6.004	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	120.000%	
11) 1,1-Dichloroethene-d2	2.105	63	82214	3.444	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	3.899	46	70105	55.035	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.060%	
24) Chloroform-d	4.346	84	98334	4.805	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.031	65	46490	5.251	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.047	84	192870	5.002	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	6.069	67	58368	5.206	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.200%	
41) Toluene-d8	7.313	98	152598	4.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	7.625	79	16732	4.359	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.091	63	57280	45.332	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.660%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33267	4.660	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	46396	5.100	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1138	0.085	ug/L	97
6) Bromomethane	1.523	94	1500	0.226	ug/L	98
12) 1,1-Dichloroethene	2.105	96	965	0.089	ug/L #	1
14) Carbon disulfide	2.291	76	2205	0.074	ug/L #	88
25) Chloroform	4.381	83	1800	0.071	ug/L	93
35) Methylcyclohexane	6.069	83	13343	0.779	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	6867	0.556	ug/L #	85
62) 1,3,5-Trimethylbenzene	10.548	105	341	0.030	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	1628	0.151	ug/L #	87
71) Naphthalene	13.506	128	6732	0.452	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	1676	0.175	ug/L #	93

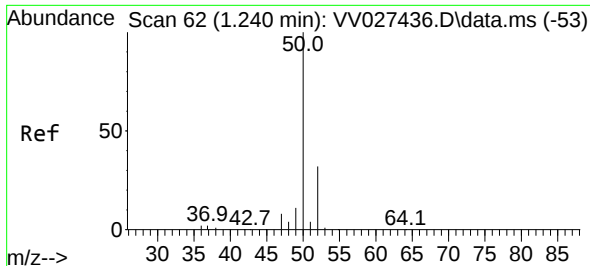
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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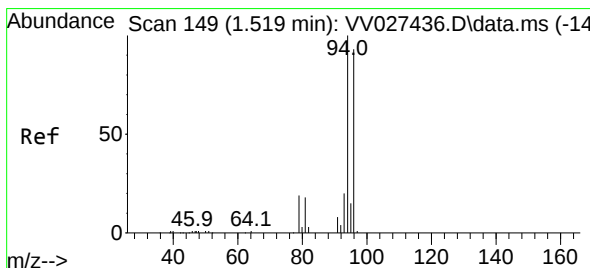
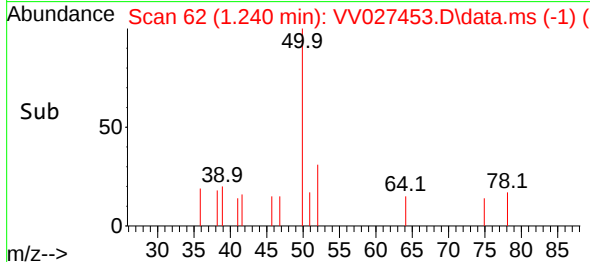
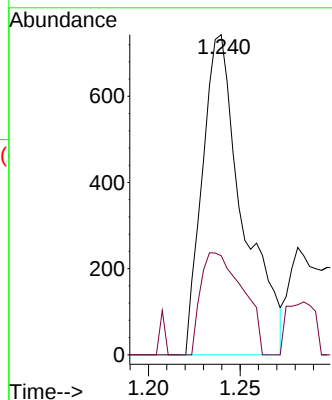
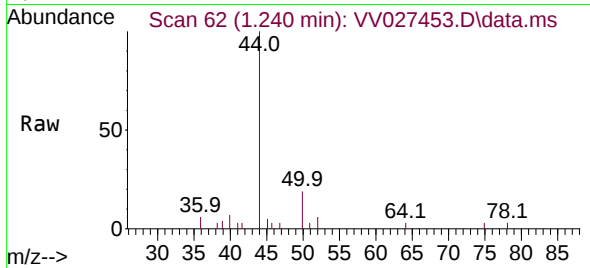




#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027453.D
Acq: 19 Aug 2022 20:26

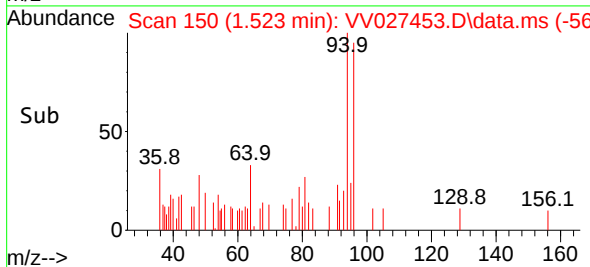
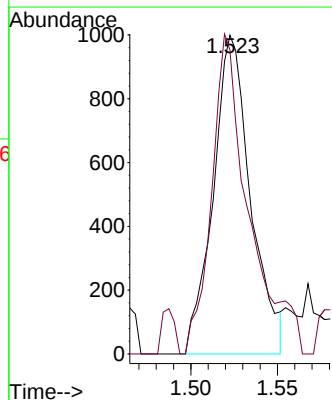
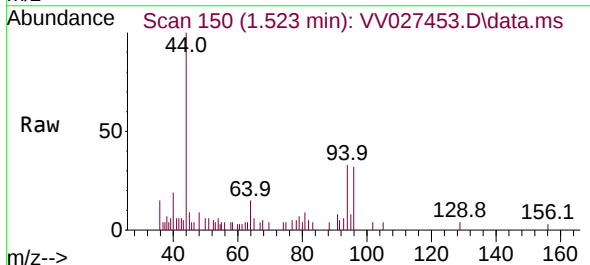
Instrument :
MSVOA_V
ClientSampleId :
VIBLK281

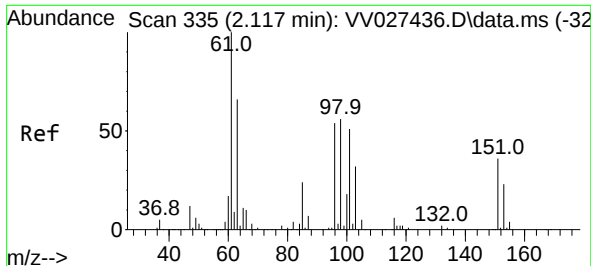
Tgt Ion: 50 Resp: 1138
Ion Ratio Lower Upper
50 100
52 31.0 22.8 42.4



#6
Bromomethane
Concen: 0.226 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027453.D
Acq: 19 Aug 2022 20:26

Tgt Ion: 94 Resp: 1500
Ion Ratio Lower Upper
94 100
96 95.4 65.2 121.0

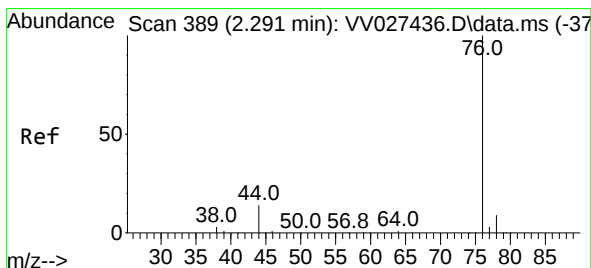
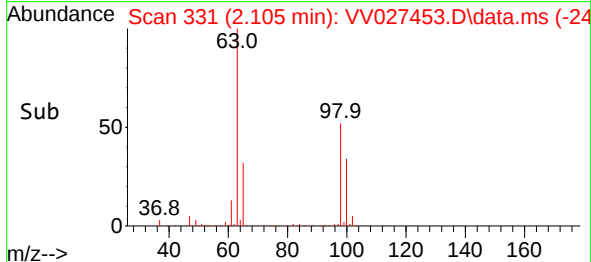
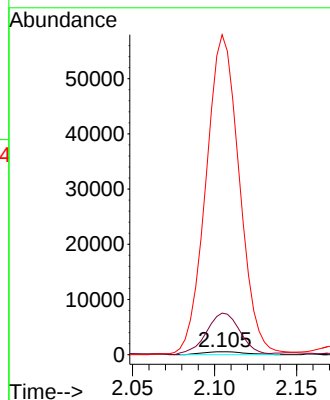
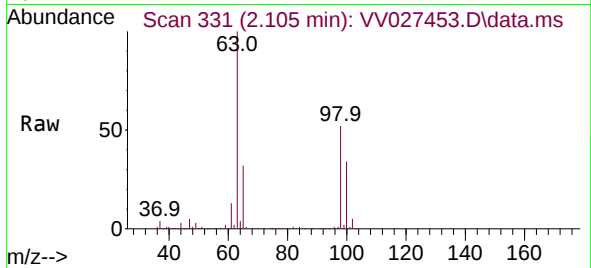




#12
1,1-Dichloroethene
Concen: 0.089 ug/L
RT: 2.105 min Scan# 311
Delta R.T. -0.013 min
Lab File: VV027453.D
Acq: 19 Aug 2022 20:26

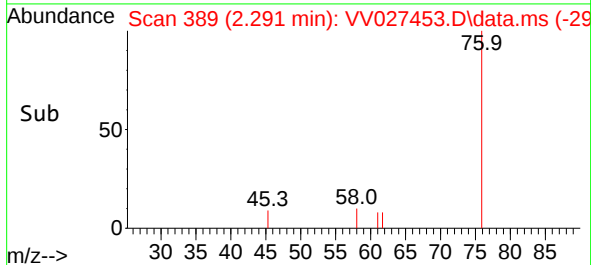
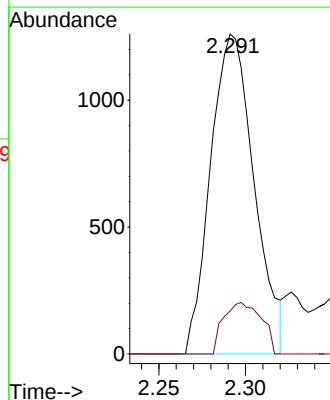
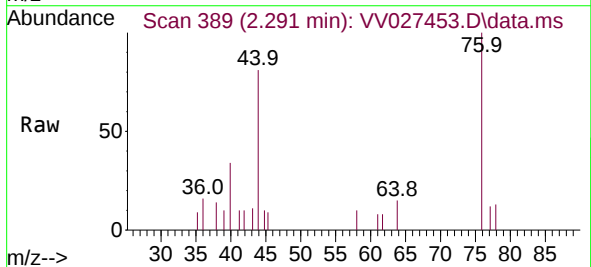
Instrument :
MSVOA_V
ClientSampleId :
VIBLK281

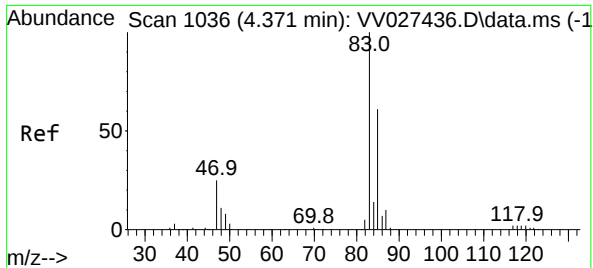
Tgt Ion: 96 Resp: 965
Ion Ratio Lower Upper
96 100
61 1405.4 130.2 241.8#
63 10814.9 87.4 162.4#



#14
Carbon disulfide
Concen: 0.074 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV027453.D
Acq: 19 Aug 2022 20:26

Tgt Ion: 76 Resp: 2205
Ion Ratio Lower Upper
76 100
78 13.4 7.3 10.9#

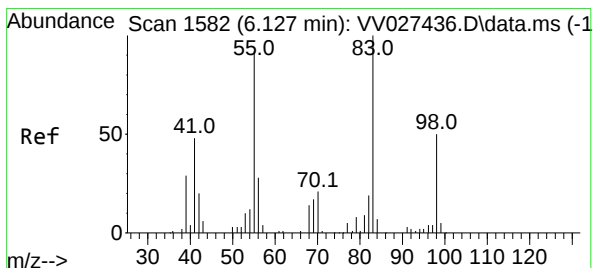
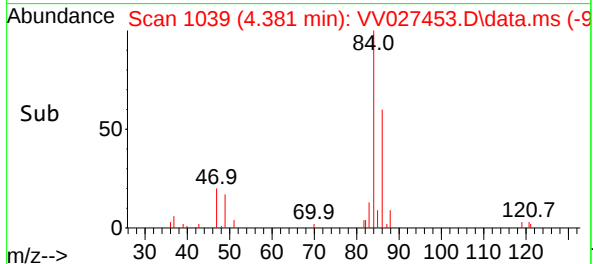
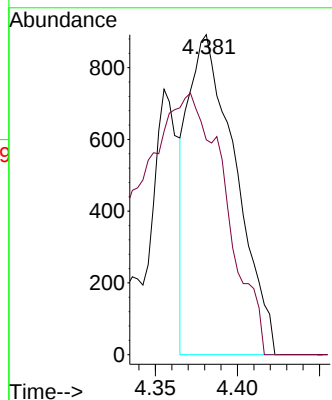
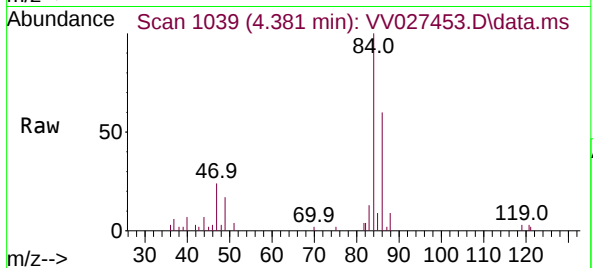




#25
Chloroform
Concen: 0.071 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV027453.D
Acq: 19 Aug 2022 20:26

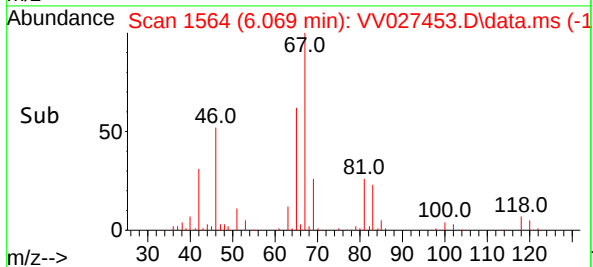
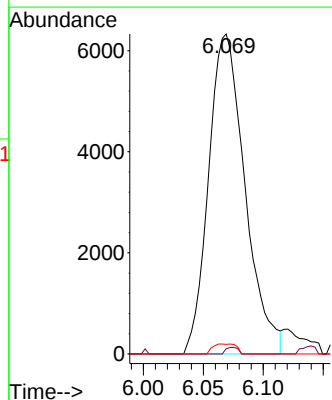
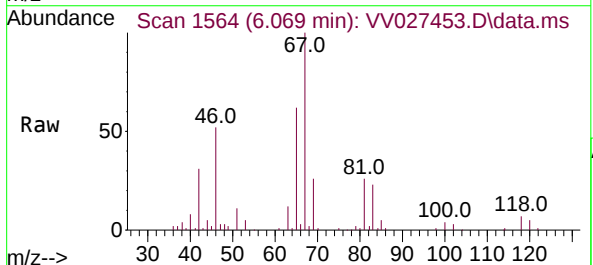
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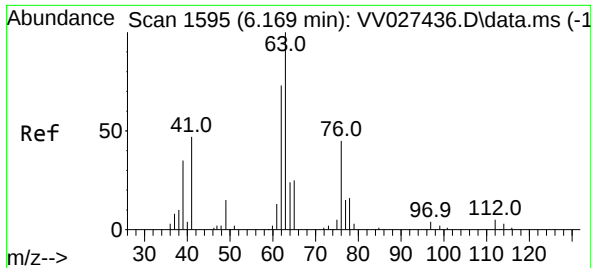
Tgt Ion: 83 Resp: 1800
Ion Ratio Lower Upper
83 100
85 67.2 43.3 80.5



#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027453.D
Acq: 19 Aug 2022 20:26

Tgt Ion: 83 Resp: 13343
Ion Ratio Lower Upper
83 100
55 0.7 68.2 102.4#
98 2.0 39.0 58.4#

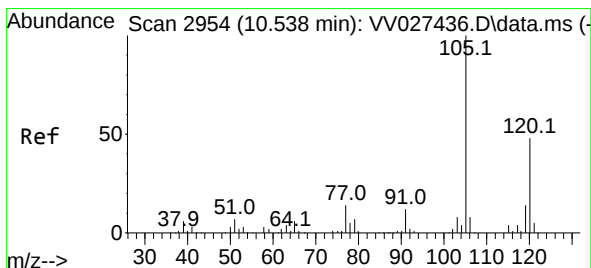
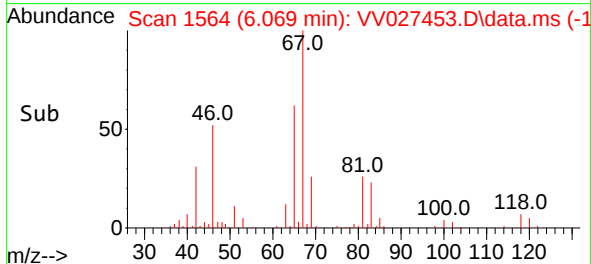
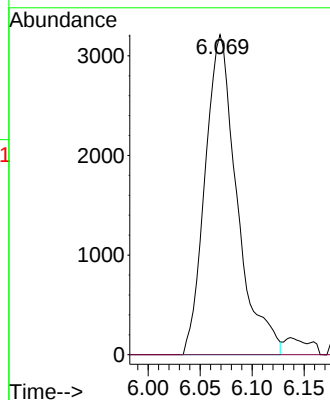
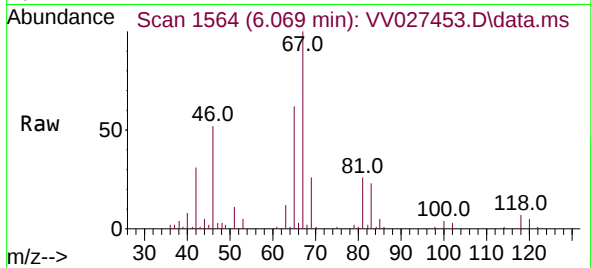




#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV027453.D
Acq: 19 Aug 2022 20:26

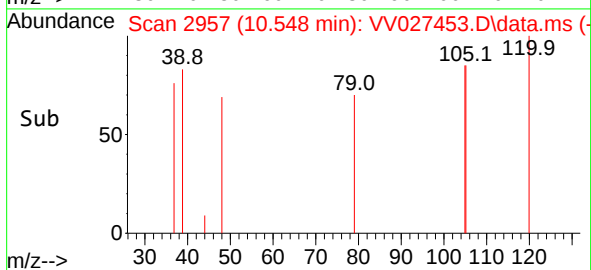
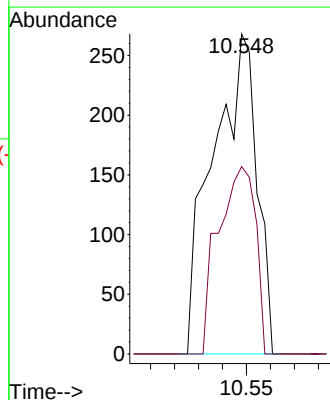
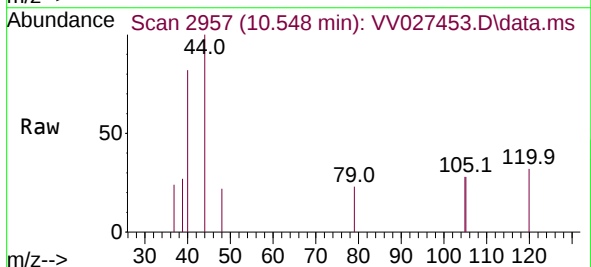
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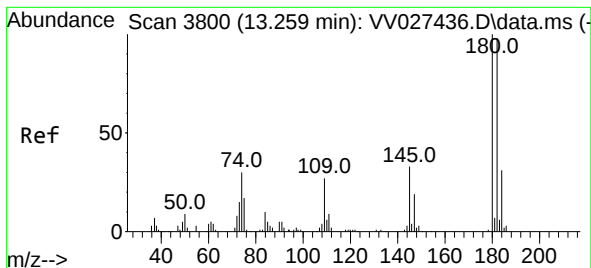
Tgt Ion: 63 Resp: 6867
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#62
1,3,5-Trimethylbenzene
Concen: 0.030 ug/L
RT: 10.548 min Scan# 2957
Delta R.T. 0.010 min
Lab File: VV027453.D
Acq: 19 Aug 2022 20:26

Tgt Ion: 105 Resp: 341
Ion Ratio Lower Upper
105 100
120 49.6 38.7 58.1





#70

1,2,4-trichlorobenzene

Concen: 0.151 ug/L

RT: 13.265 min Scan# 3800

Delta R.T. 0.006 min

Lab File: VV027453.D

Acq: 19 Aug 2022 20:26

Instrument :

MSVOA_V

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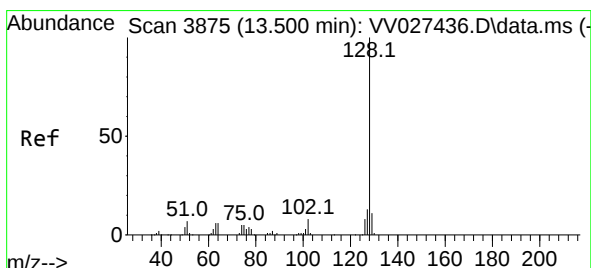
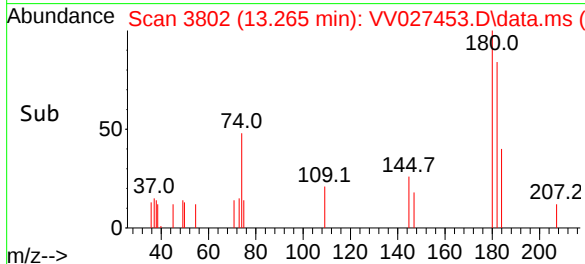
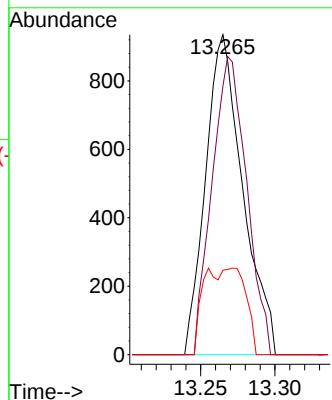
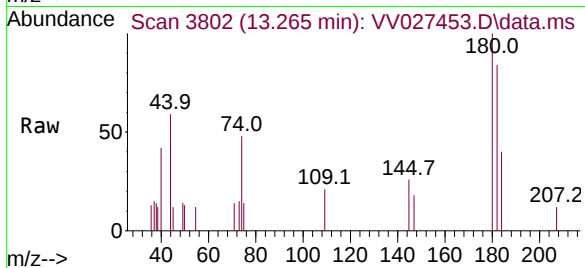
Tgt Ion:180 Resp: 1628

Ion Ratio Lower Upper

180 100

182 86.5 76.0 114.0

145 17.8 24.9 37.3#



#71

Naphthalene

Concen: 0.452 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV027453.D

Acq: 19 Aug 2022 20:26

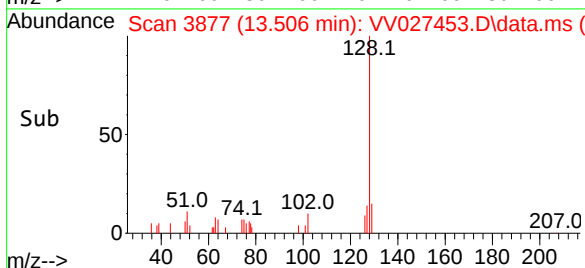
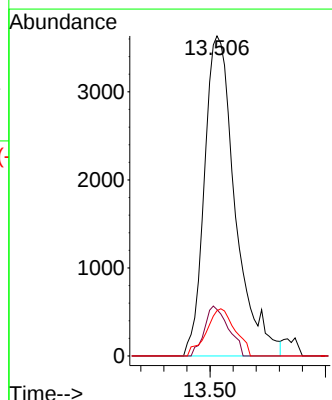
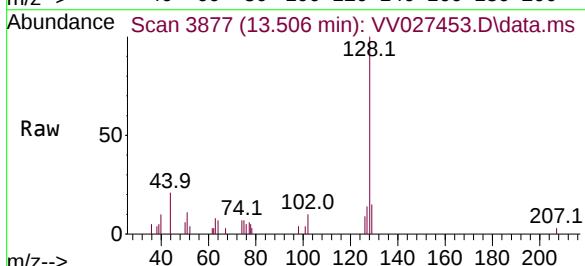
Tgt Ion:128 Resp: 6732

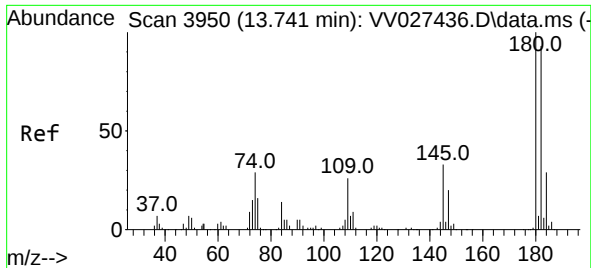
Ion Ratio Lower Upper

128 100

129 12.1 8.7 13.1

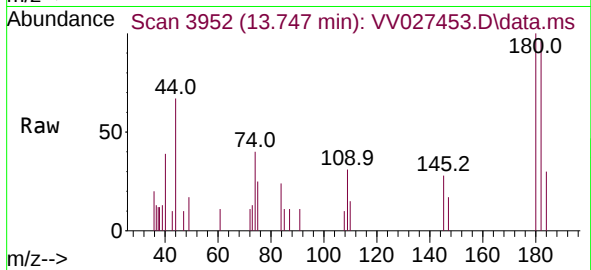
127 13.7 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.175 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.006 min
 Lab File: VV027453.D
 Acq: 19 Aug 2022 20:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK281



Tgt Ion:	180	Resp:	1676
Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.3	112.9
145	22.4	26.6	39.8#

