

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032123\
 Data File : VW030281.D
 Acq On : 21 Mar 2023 16:56
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK282

Quant Time: Mar 22 06:08:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

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

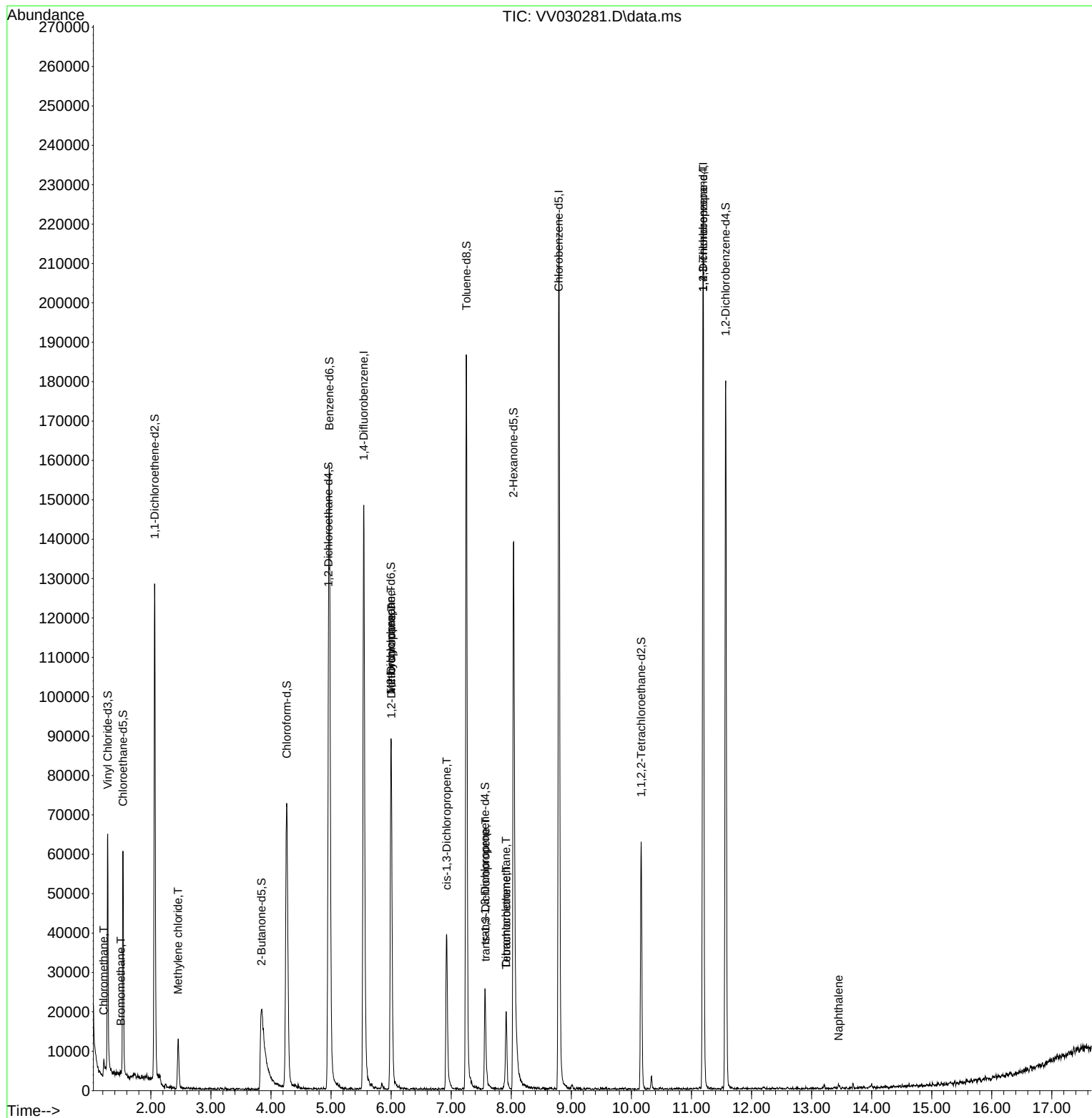
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	129283	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	124708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62028	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	39374	4.707	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.200%	
7) Chloroethane-d5	1.536	69	36417	4.638	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.063	63	66956	3.893	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.800%	
20) 2-Butanone-d5	3.841	46	62333	40.416	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	80.840%	
24) Chloroform-d	4.262	84	77378	4.528	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	4.957	65	39823	5.709	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.200%	
32) Benzene-d6	4.973	84	139916	4.170	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
36) 1,2-Dichloropropane-d6	5.998	67	38420	3.806	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	76.200%	
41) Toluene-d8	7.252	98	125882	3.958	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.200%	
43) trans-1,3-Dichloroprop...	7.564	79	16128	4.670	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.400%	
46) 2-Hexanone-d5	8.037	63	57373	40.152	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.300%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	27933	3.889	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	77.800%	
66) 1,2-Dichlorobenzene-d4	11.570	152	47049	4.483	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.600%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2026	0.122	ug/L #	74
6) Bromomethane	1.500	94	197	0.100	ug/L	72
16) Methylene chloride	2.455	84	4868	0.459	ug/L	80
35) Methylcyclohexane	5.998	83	10938	0.757	ug/L #	20
37) 1,2-Dichloropropane	6.005	63	5581	0.644	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	1261	0.099	ug/L #	67
44) trans-1,3-Dichloropropene	7.571	75	848	0.086	ug/L #	81
47) Tetrachloroethene	7.918	164	4632	0.565	ug/L	95
49) Dibromochloromethane	7.915	129	4128	0.569	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6572	1.583	ug/L #	67
71) Naphthalene	13.451	128	1003	0.062	ug/L #	86

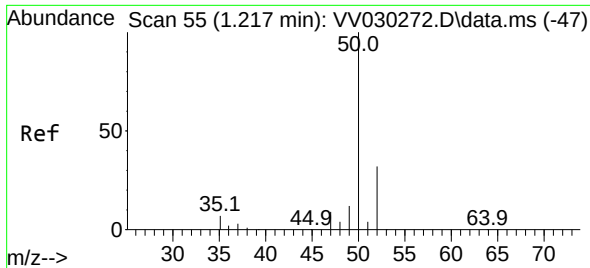
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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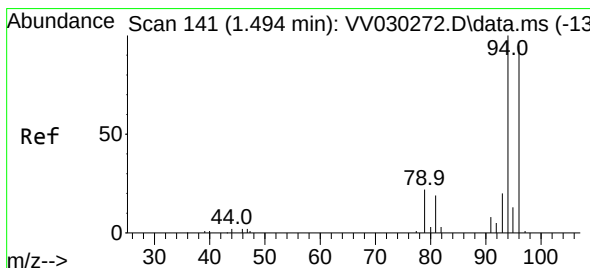
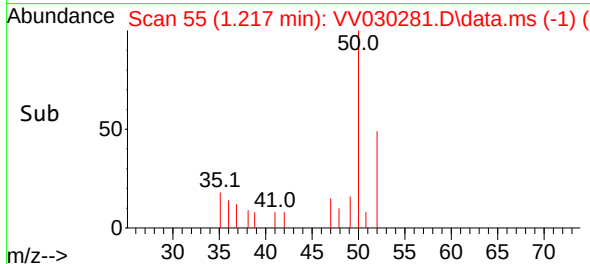
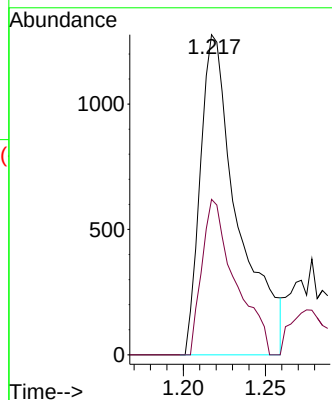
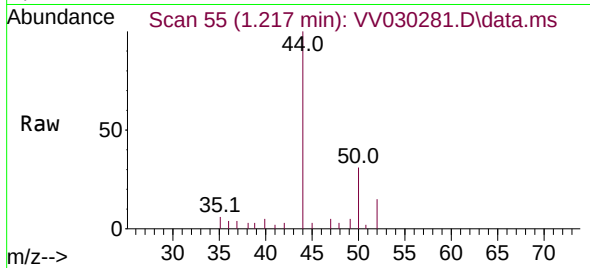




#3
Chloromethane
Concen: 0.122 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030281.D
Acq: 21 Mar 2023 16:56

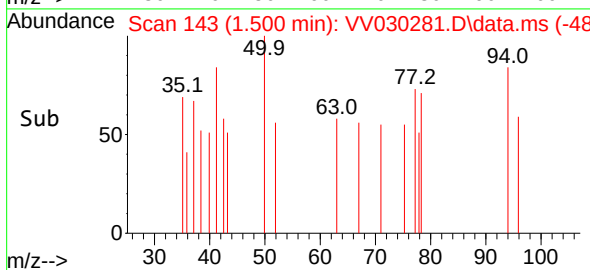
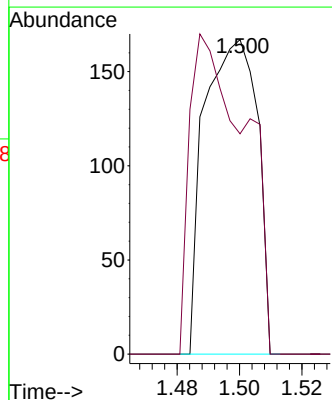
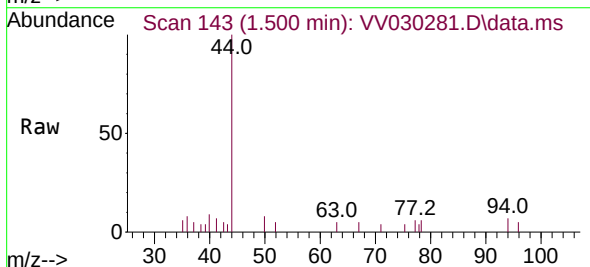
Instrument :
MSVOA_V
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VIBLK282

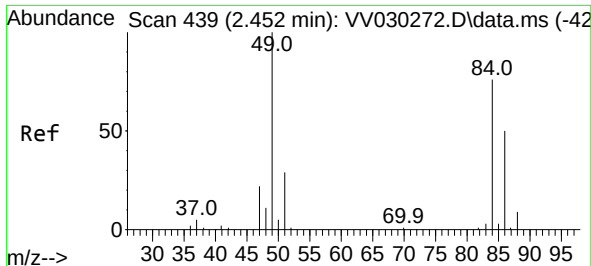
Tgt Ion: 50 Resp: 2026
Ion Ratio Lower Upper
50 100
52 48.6 23.6 43.8#



#6
Bromomethane
Concen: 0.100 ug/L
RT: 1.500 min Scan# 143
Delta R.T. 0.006 min
Lab File: VV030281.D
Acq: 21 Mar 2023 16:56

Tgt Ion: 94 Resp: 197
Ion Ratio Lower Upper
94 100
96 70.1 68.4 127.0

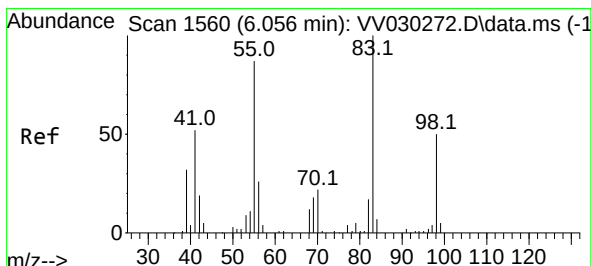
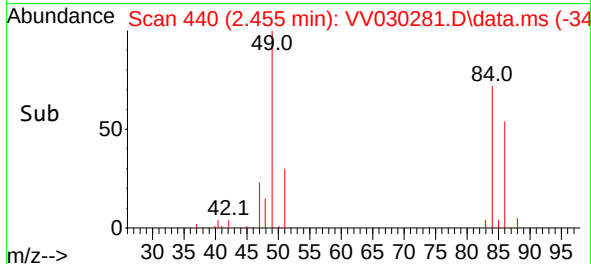
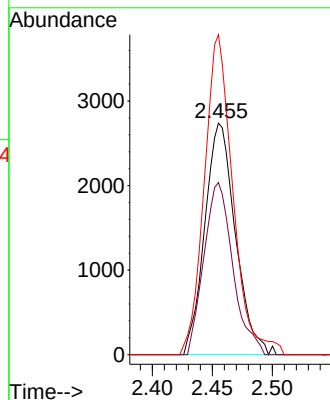
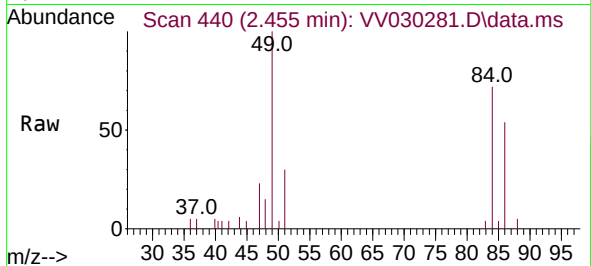




#16
Methylene chloride
Concen: 0.459 ug/L
RT: 2.455 min Scan# 44
Delta R.T. 0.003 min
Lab File: VV030281.D
Acq: 21 Mar 2023 16:56

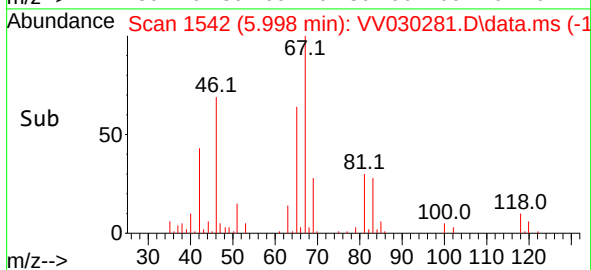
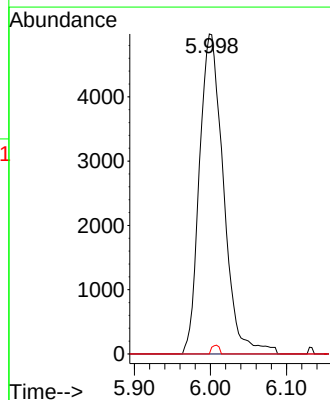
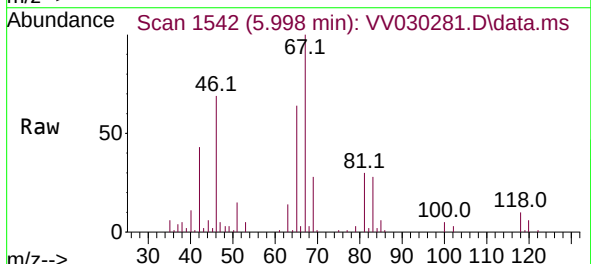
Instrument :
MSVOA_V
ClientSampleId :
VIBLK282

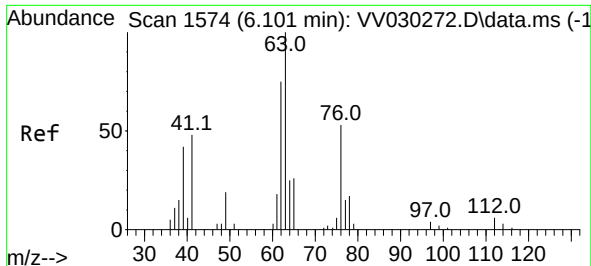
Tgt Ion:	84	Resp:	4868
Ion	Ratio	Lower	Upper
84	100		
86	74.4	44.7	83.1
49	138.2	78.8	146.3



#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030281.D
Acq: 21 Mar 2023 16:56

Tgt Ion:	83	Resp:	10938
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.6	86.4#
98	0.9	38.8	58.2#





#37

1,2-Dichloropropane

Concen: 0.644 ug/L

RT: 6.005 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV030281.D

Acq: 21 Mar 2023 16:56

Instrument :

MSVOA_V

ClientSampleId :

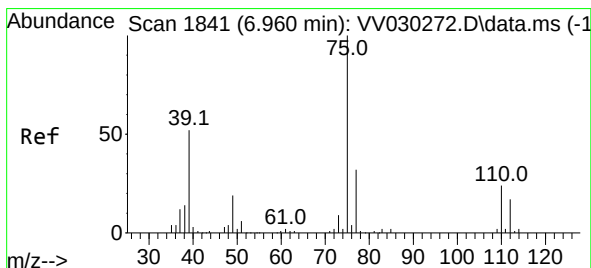
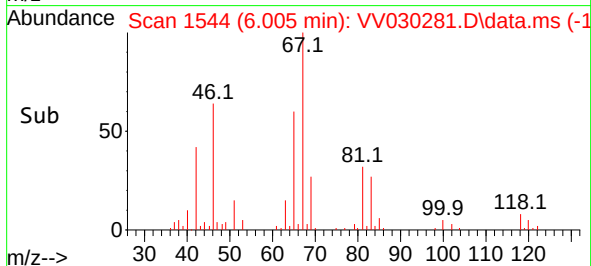
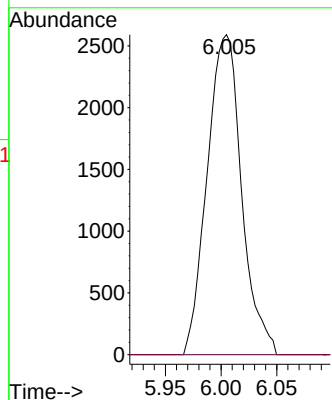
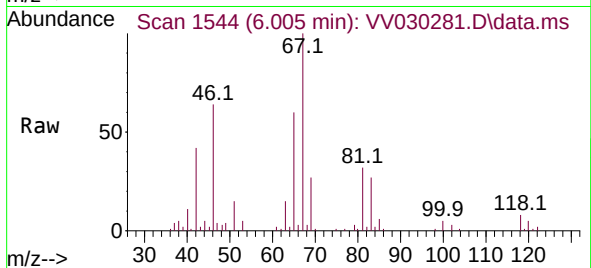
VIBLK282

Tgt Ion: 63 Resp: 5581

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.035 min

Lab File: VV030281.D

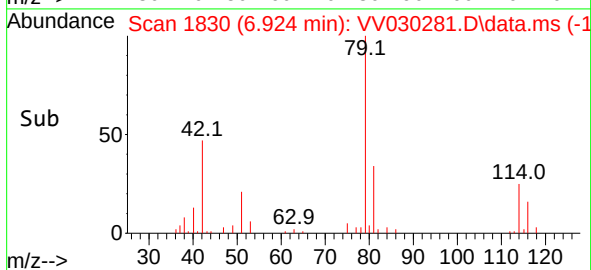
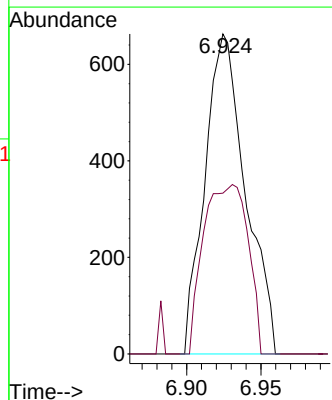
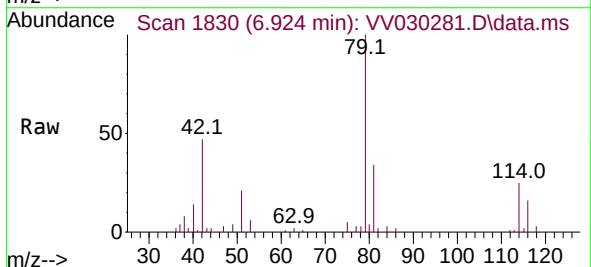
Acq: 21 Mar 2023 16:56

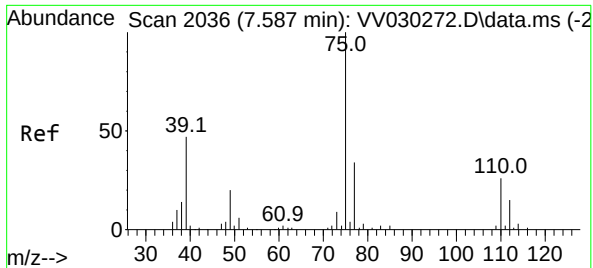
Tgt Ion: 75 Resp: 1261

Ion Ratio Lower Upper

75 100

77 50.2 22.3 41.3#

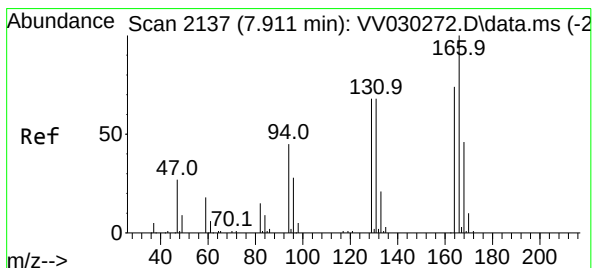
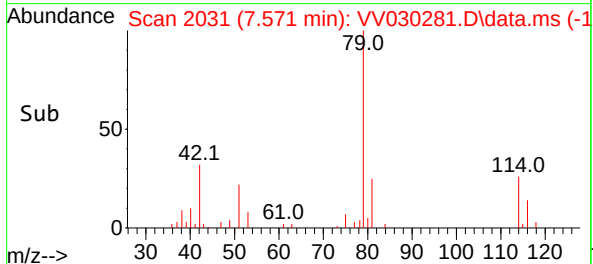
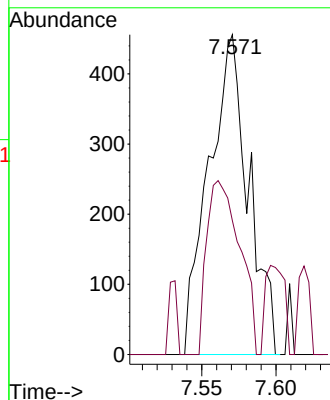
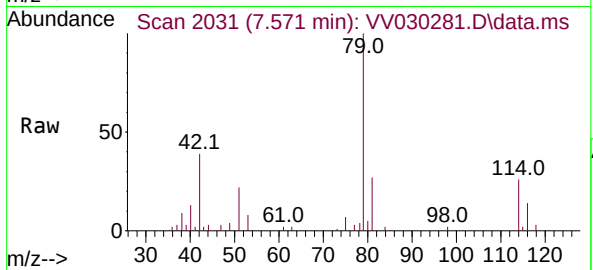




#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.571 min Scan# 2036
Delta R.T. -0.016 min
Lab File: VV030281.D
Acq: 21 Mar 2023 16:56

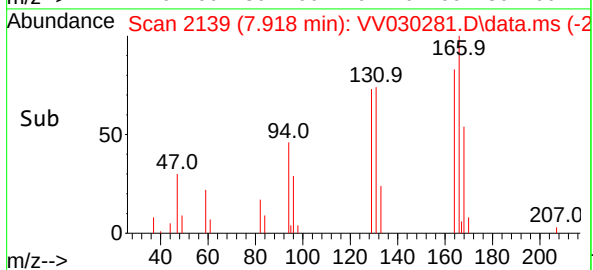
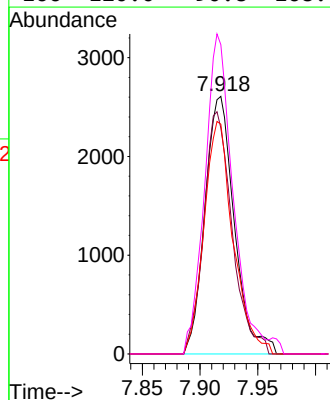
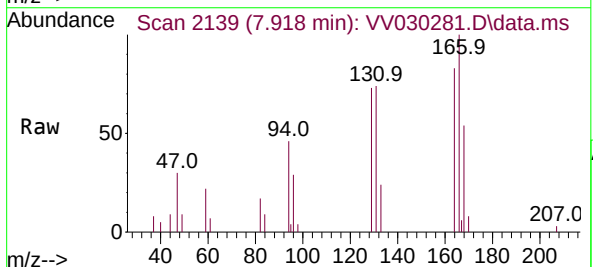
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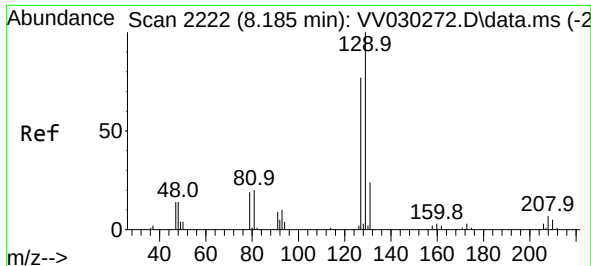
Tgt Ion: 75 Resp: 848
Ion Ratio Lower Upper
75 100
77 41.9 22.1 41.1#



#47
Tetrachloroethene
Concen: 0.565 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VV030281.D
Acq: 21 Mar 2023 16:56

Tgt Ion: 164 Resp: 4632
Ion Ratio Lower Upper
164 100
129 87.7 63.6 118.2
131 89.2 61.7 114.7
166 120.0 90.8 168.6





#49

Dibromochloromethane

Concen: 0.569 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030281.D

Acq: 21 Mar 2023 16:56

Instrument :

MSVOA_V

ClientSampleId :

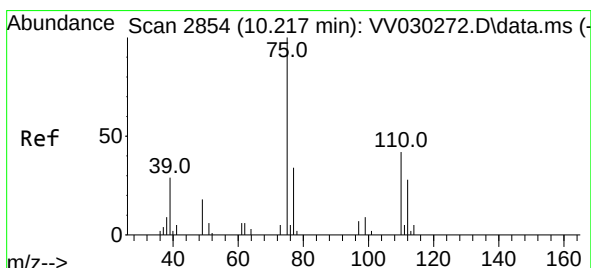
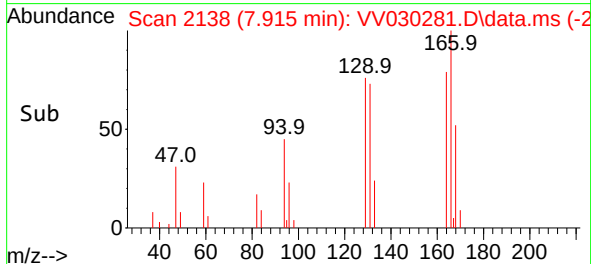
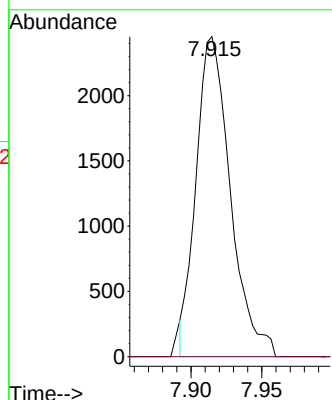
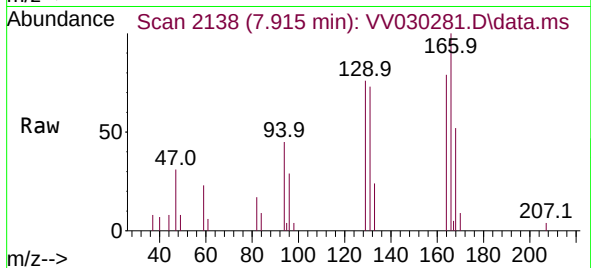
VIBLK282

Tgt Ion:129 Resp: 4128

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.583 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030281.D

Acq: 21 Mar 2023 16:56

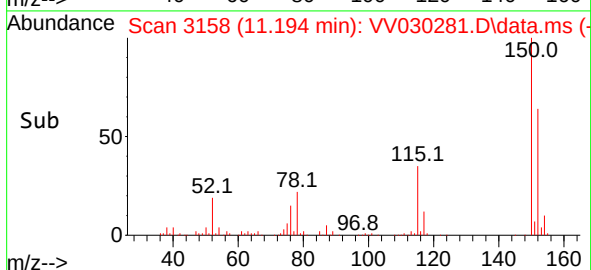
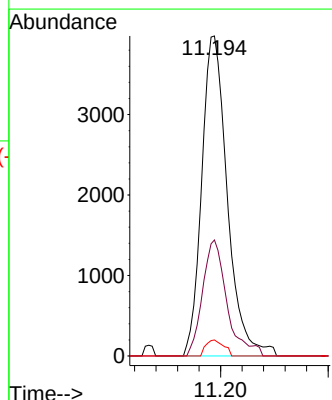
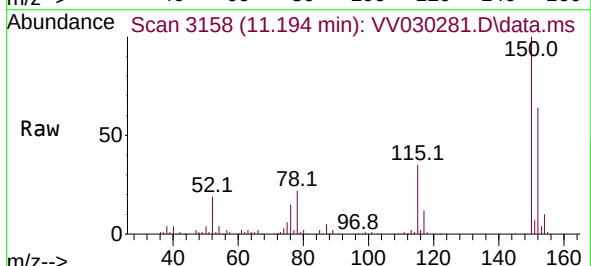
Tgt Ion: 75 Resp: 6572

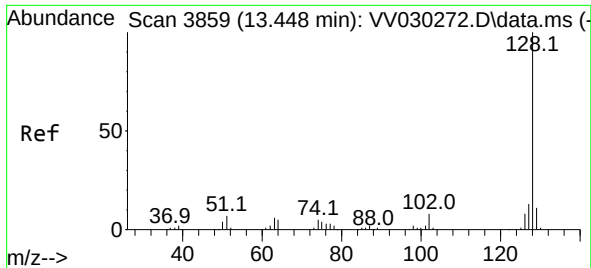
Ion Ratio Lower Upper

75 100

77 34.4 26.5 39.7

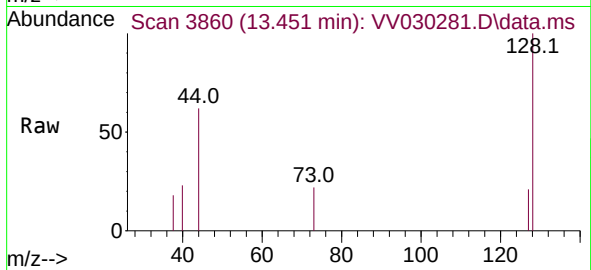
110 3.5 31.8 47.6#





#71
Naphthalene
Concen: 0.062 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030281.D
Acq: 21 Mar 2023 16:56

Instrument :
MSVOA_V
ClientSampleId :
VIBLK282



Tgt Ion:128 Resp: 1003
Ion Ratio Lower Upper
128 100
129 0.0 8.6 13.0#
127 12.0 10.4 15.6

