

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
 Data File : VV030959.D
 Acq On : 01 May 2023 16:37
 Operator : SY/MD
 Sample : 02488-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: May 02 01:34:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

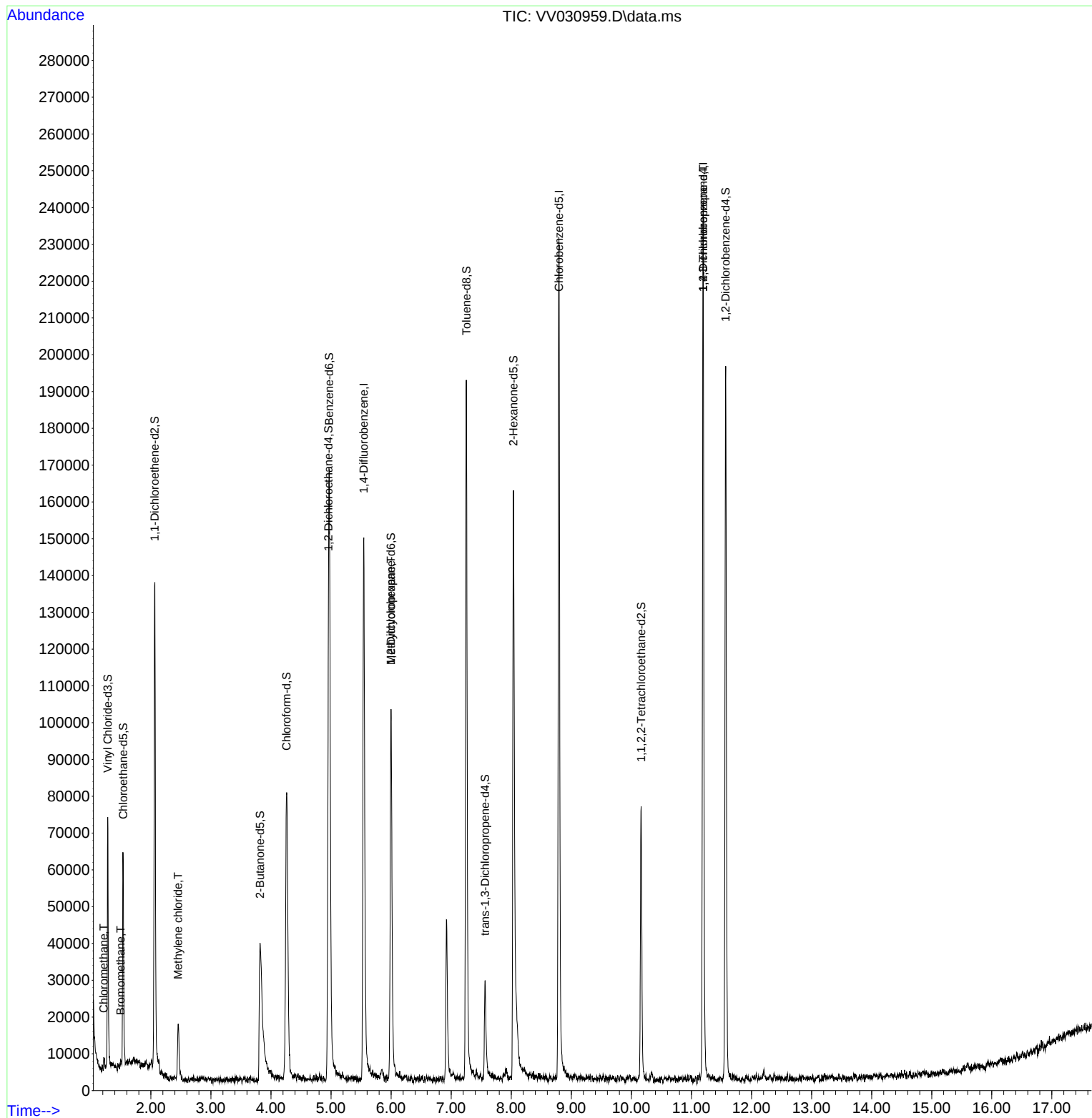
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	125017	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	126389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	64354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	44421	4.313	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.200%	
7) Chloroethane-d5	1.539	69	36029	4.288	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	2.063	65	22949	4.210	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.200%	
20) 2-Butanone-d5	3.818	46	80667	44.164	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.320%	
24) Chloroform-d	4.259	84	83940	4.101	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
26) 1,2-Dichloroethane-d4	4.956	65	45401	4.363	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
32) Benzene-d6	4.969	84	144953	3.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
36) 1,2-Dichloropropane-d6	5.998	67	42336	3.930	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	78.600%	
41) Toluene-d8	7.252	98	130202	3.691	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.800%	
43) trans-1,3-Dichloroprop...	7.564	79	15729	3.895	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.000%	
46) 2-Hexanone-d5	8.037	63	54914	38.814	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.620%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32633	4.179	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.600%	
66) 1,2-Dichlorobenzene-d4	11.570	152	51887	4.325	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.600%	
Target Compounds						
3) Chloromethane	1.217	50	1273	0.110	ug/L	98
6) Bromomethane	1.497	94	468	0.101	ug/L	78
16) Methylene chloride	2.455	84	6220	0.654	ug/L	95
35) Methylcyclohexane	5.998	83	12149	0.925	ug/L #	19
61) 1,2,3-Trichloropropane	11.194	75	6915	1.710	ug/L #	64

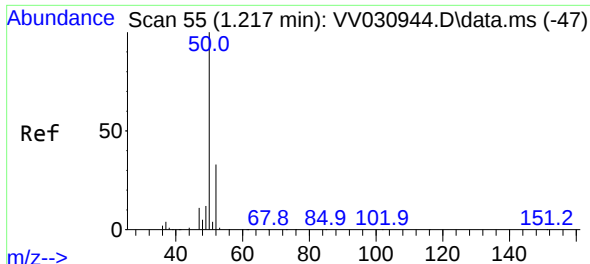
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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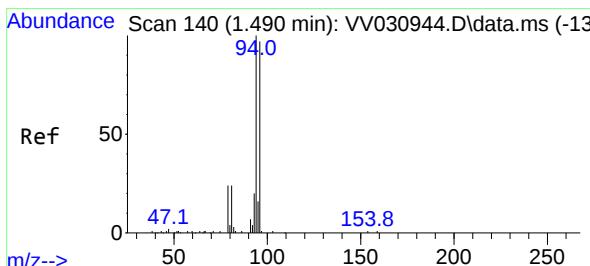
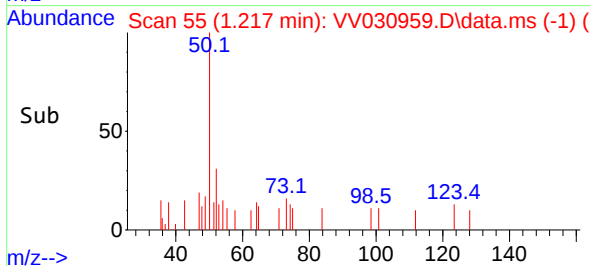
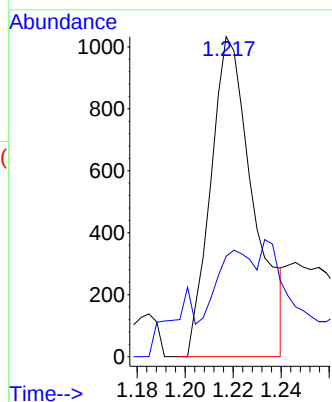
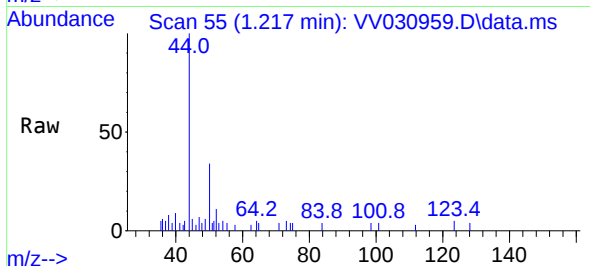




#3
Chloromethane
Concen: 0.110 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030959.D
Acq: 01 May 2023 16:37

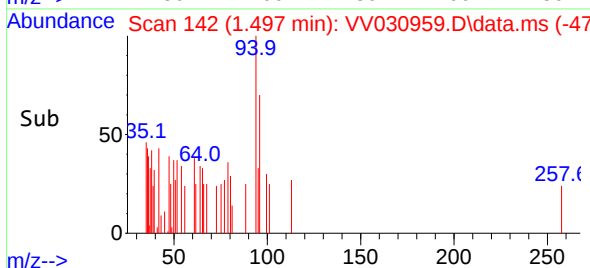
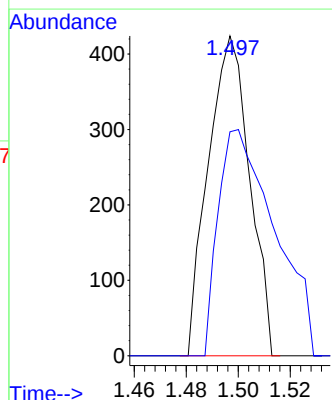
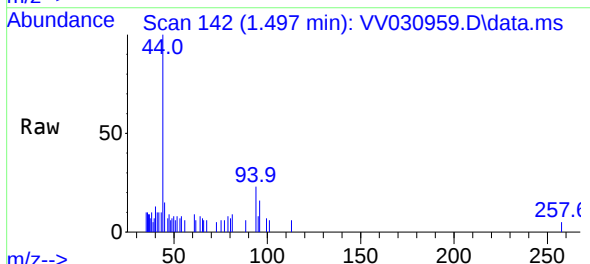
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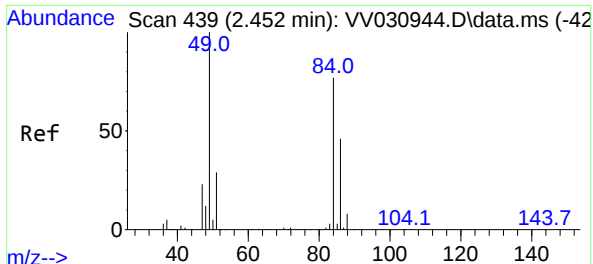
Tgt Ion: 50 Resp: 1273
Ion Ratio Lower Upper
50 100
52 31.4 22.8 42.4



#6
Bromomethane
Concen: 0.101 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030959.D
Acq: 01 May 2023 16:37

Tgt Ion: 94 Resp: 468
Ion Ratio Lower Upper
94 100
96 70.0 63.4 117.8

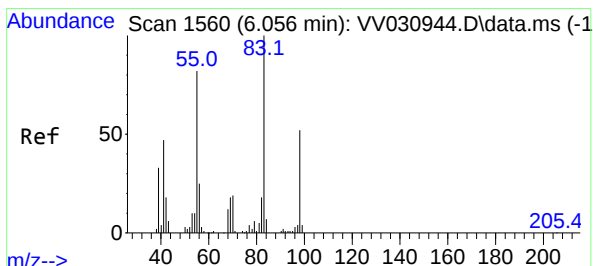
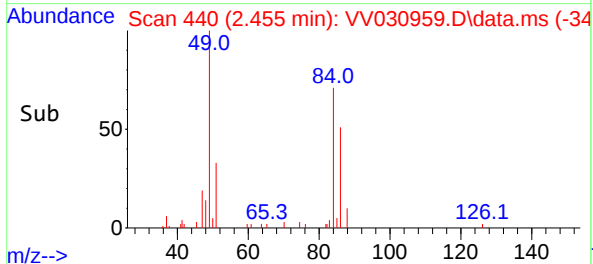
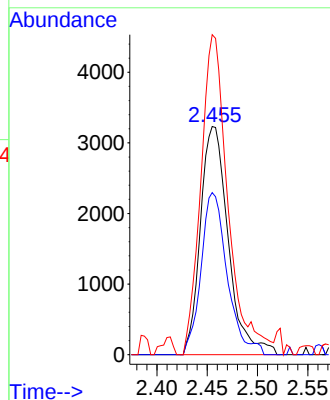
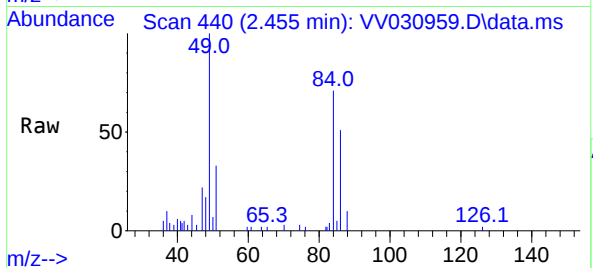




#16
Methylene chloride
Concen: 0.654 ug/L
RT: 2.455 min Scan# 44
Delta R.T. -0.000 min
Lab File: VV030959.D
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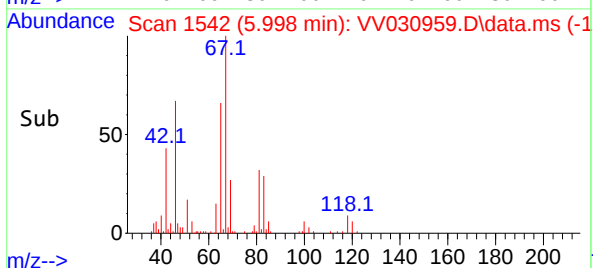
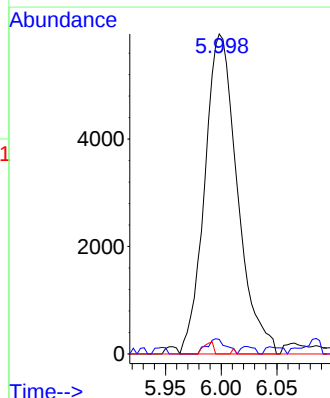
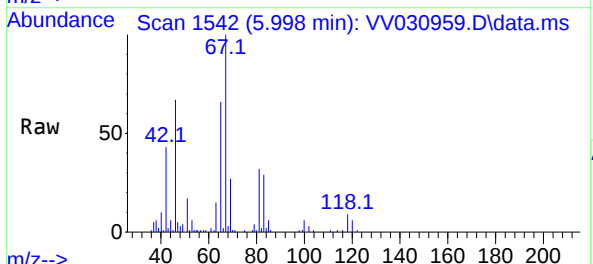
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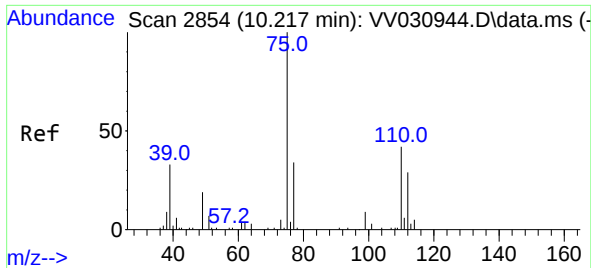
Tgt Ion: 84 Resp: 6220
Ion Ratio Lower Upper
84 100
86 71.0 46.1 85.5
49 140.3 94.3 175.1



#35
Methylcyclohexane
Concen: 0.925 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030959.D
Acq: 01 May 2023 16:37

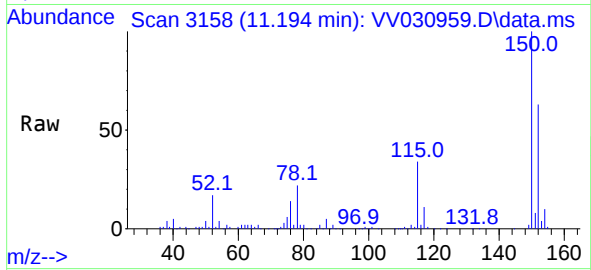
Tgt Ion: 83 Resp: 12149
Ion Ratio Lower Upper
83 100
55 2.8 62.9 94.3#
98 1.1 40.5 60.7#





#61
1,2,3-Trichloropropane
Concen: 1.710 ug/L
RT: 11.194 min Scan# 31
Delta R.T. 0.977 min
Lab File: VV030959.D
Acq: 01 May 2023 16:37

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001



Tgt Ion:	75	Resp:	6915
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.3	37.9
110	3.8	34.0	51.0#

