

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
 Data File : VV030419.D
 Acq On : 06 Apr 2023 15:42
 Operator : SY/MD
 Sample : 02225-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC1

Quant Time: Apr 07 04:51:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

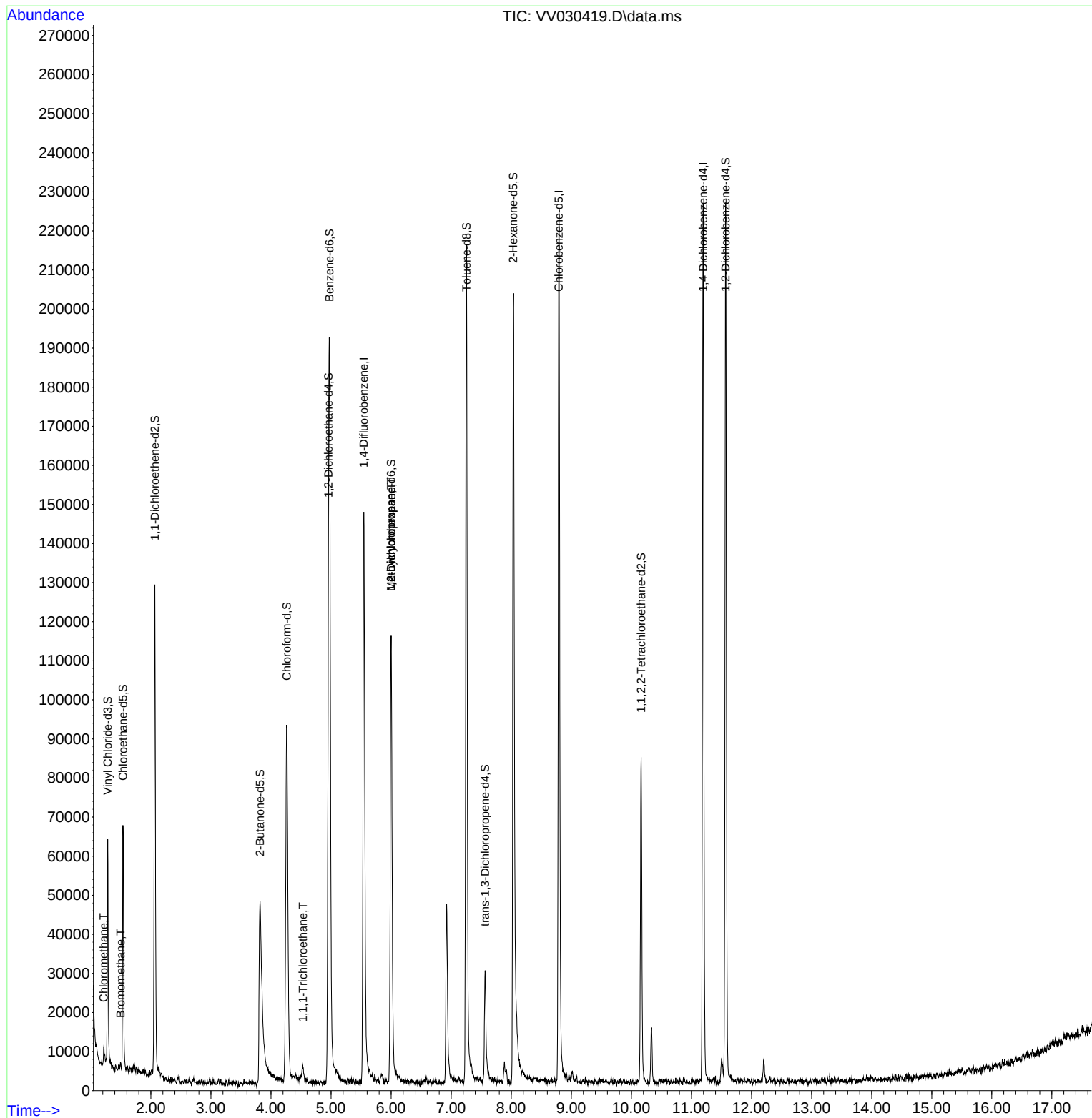
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	124393	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	121438	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61485	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	37385	4.538	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.536	69	38980	4.875	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2	2.066	63	67460	3.451	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.000%	
20) 2-Butanone-d5	3.818	46	97300	45.693	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.380%	
24) Chloroform-d	4.262	84	94933	4.761	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	4.957	65	46890	4.984	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	4.973	84	167807	4.904	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
36) 1,2-Dichloropropane-d6	6.002	67	52660	4.915	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.400%	
41) Toluene-d8	7.252	98	145130	4.618	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
43) trans-1,3-Dichloroprop...	7.564	79	17009	4.217	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.400%	
46) 2-Hexanone-d5	8.034	63	72255	44.578	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.160%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	38320	4.538	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	11.571	152	56712	5.161	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3578	0.179	ug/L	100
6) Bromomethane	1.494	94	567	0.137	ug/L	90
29) 1,1,1-Trichloroethane	4.532	97	2959	0.152	ug/L	87
35) Methylcyclohexane	6.002	83	13798	0.756	ug/L #	16
37) 1,2-Dichloropropane	6.002	63	6691	0.604	ug/L #	86

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

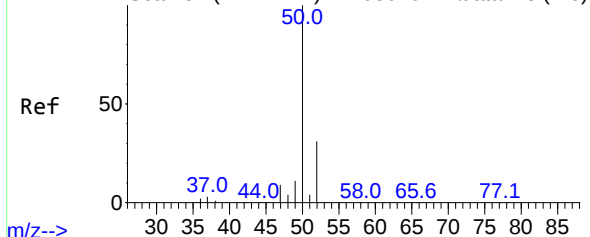
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Abundance Scan 54 (1.214 min): VV030407.D\data.ms (-46)



#3

Chloromethane

Concen: 0.179 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030419.D

Acq: 06 Apr 2023 15:42

Instrument :

MSVOA_V

ClientSampleId :

C0AC1

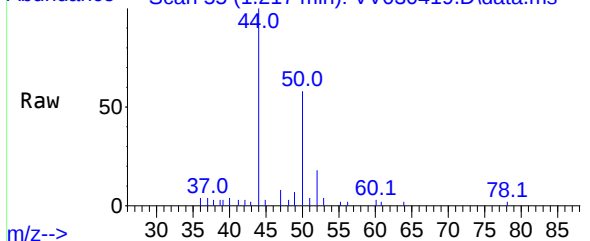
Tgt Ion: 50 Resp: 3578

Ion Ratio Lower Upper

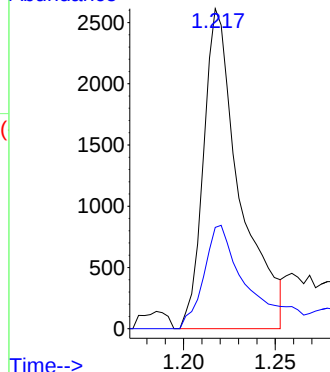
50 100

52 31.6 22.3 41.5

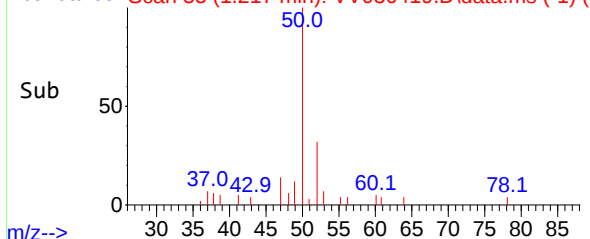
Abundance Scan 55 (1.217 min): VV030419.D\data.ms



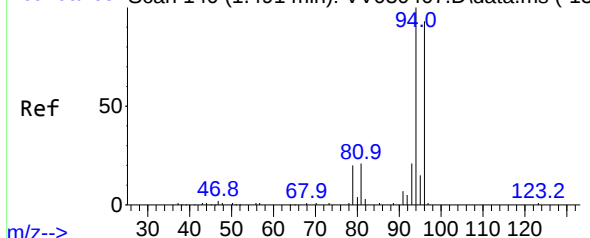
Abundance



Abundance Scan 55 (1.217 min): VV030419.D\data.ms (-1)



Abundance Scan 140 (1.491 min): VV030407.D\data.ms (-13)



#6

Bromomethane

Concen: 0.137 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.003 min

Lab File: VV030419.D

Acq: 06 Apr 2023 15:42

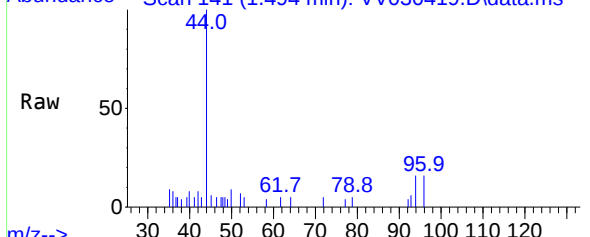
Tgt Ion: 94 Resp: 567

Ion Ratio Lower Upper

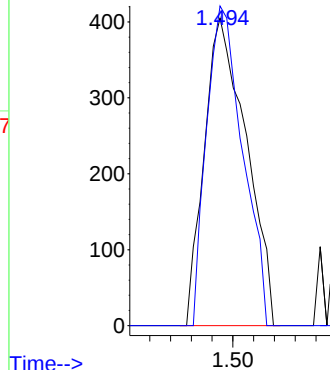
94 100

96 104.0 66.1 122.7

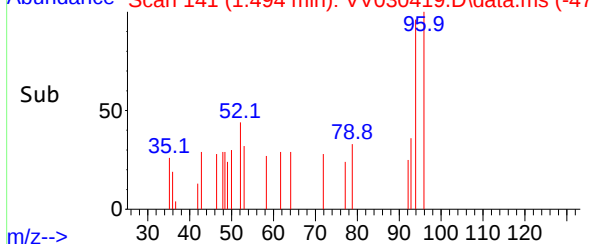
Abundance Scan 141 (1.494 min): VV030419.D\data.ms

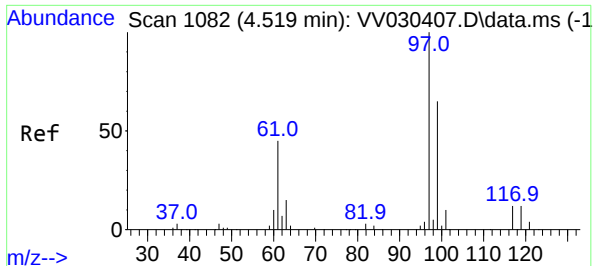


Abundance



Abundance Scan 141 (1.494 min): VV030419.D\data.ms (-47)

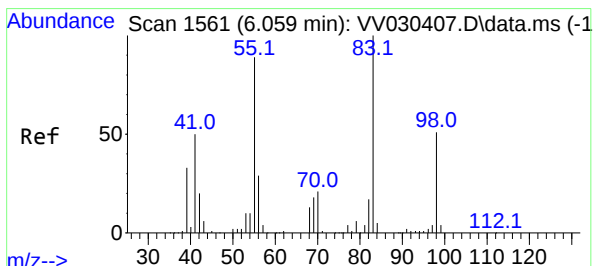
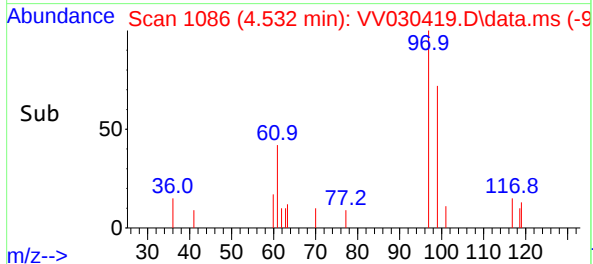
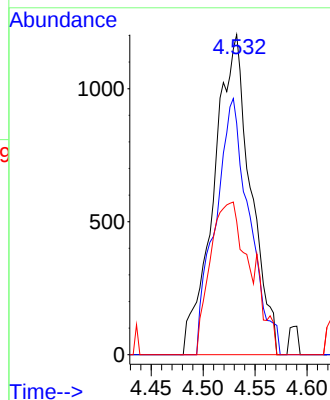
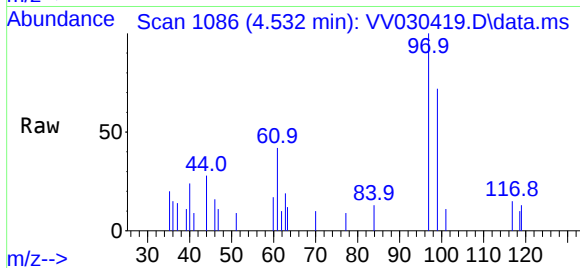




#29
1,1,1-Trichloroethane
Concen: 0.152 ug/L
RT: 4.532 min Scan# 1086
Delta R.T. 0.010 min
Lab File: VV030419.D
Acq: 06 Apr 2023 15:42

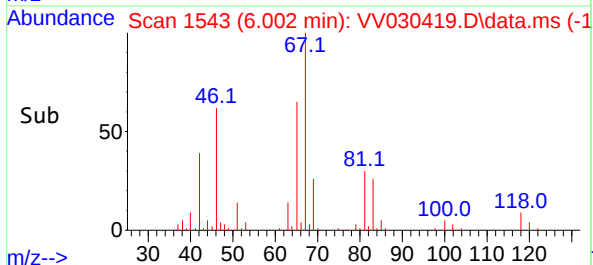
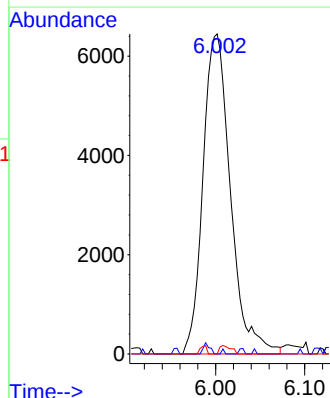
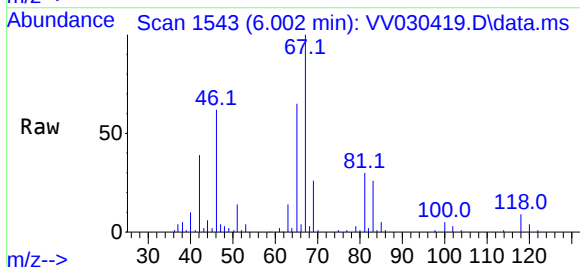
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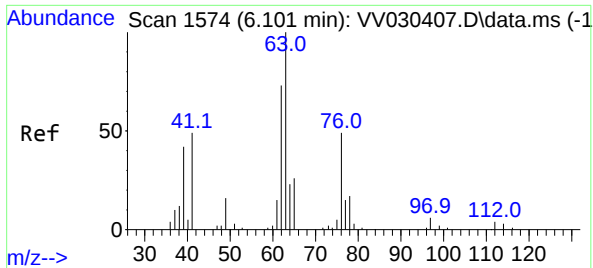
Tgt Ion:	97	Resp:	2959
Ion	Ratio	Lower	Upper
97	100		
99	74.2	50.9	76.3
61	53.1	35.9	53.9



#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.058 min
Lab File: VV030419.D
Acq: 06 Apr 2023 15:42

Tgt Ion:	83	Resp:	13798
Ion	Ratio	Lower	Upper
83	100		
55	0.1	66.6	100.0#
98	1.1	38.6	58.0#





#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.002 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV030419.D
Acq: 06 Apr 2023 15:42

Instrument :
MSVOA_V
ClientSampleId :
C0AC1

Tgt Ion: 63 Resp: 6691
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#

