

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023858.D
 Acq On : 09 Dec 2021 13:56
 Operator : SY/MD
 Sample : M4984-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5R9

Quant Time: Dec 10 00:42:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

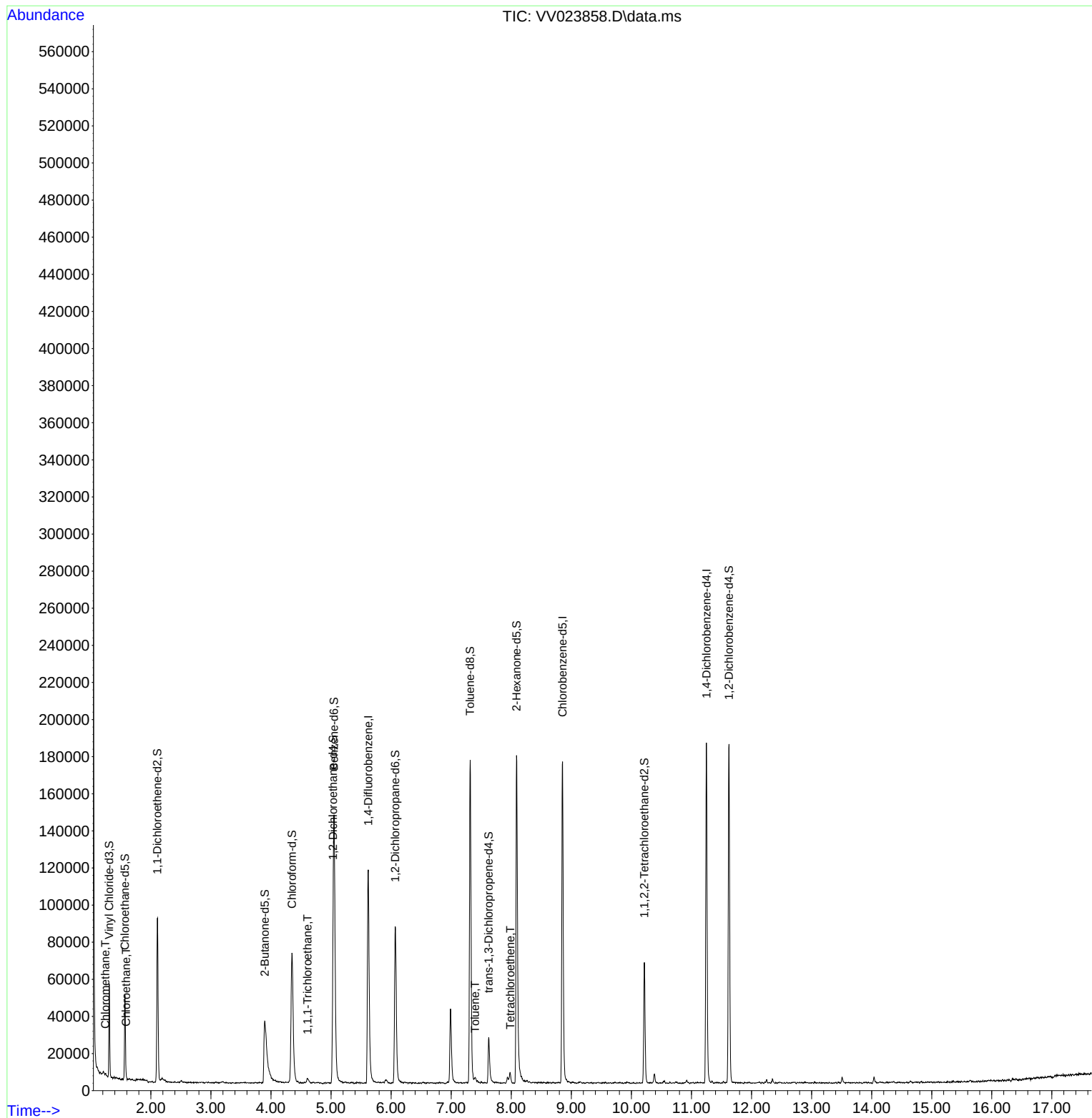
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102397	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	101892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50166	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29560	3.517	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.568	69	26914	4.073	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.108	63	45967	3.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.896	46	74052	73.281	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	146.560%#
24) Chloroform-d	4.349	84	70867	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.034	65	35635	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.050	84	130653	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.069	67	38302	4.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.317	98	117199	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.625	79	14488	4.619	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.088	63	63031	60.484	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29048	5.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	48783	5.500	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	585	0.069	ug/L	95
8) Chloroethane	1.587	64	738	0.131	ug/L	89
29) 1,1,1-Trichloroethane	4.609	97	2204	0.166	ug/L #	58
42) Toluene	7.400	91	2043	0.065	ug/L	89
47) Tetrachloroethene	7.985	164	1292	0.182	ug/L	83

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

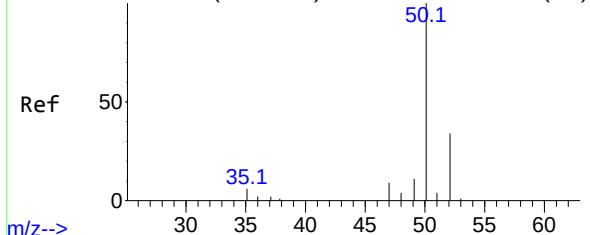
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120921\
Data File : VV023858.D
Acq On : 09 Dec 2021 13:56
Operator : SY/MD
Sample : M4984-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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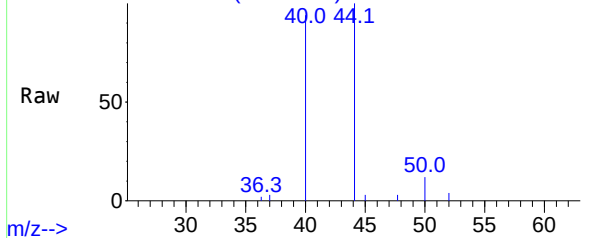
Quant Time: Dec 10 00:42:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration



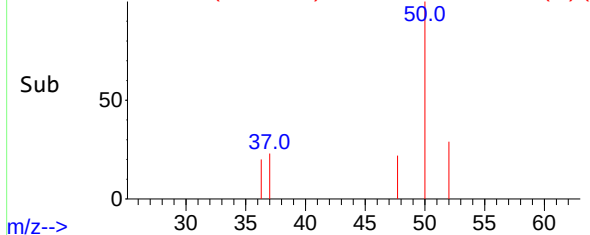
Abundance Scan 61 (1.237 min): VV023853.D\data.ms (-53)



Abundance Scan 63 (1.243 min): VV023858.D\data.ms



Abundance Scan 63 (1.243 min): VV023858.D\data.ms (-1)



#3

Chloromethane

Concen: 0.069 ug/L

RT: 1.243 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV023858.D

Acq: 09 Dec 2021 13:56

Instrument :

MSVOA_V

ClientSampleId :

EW5R9

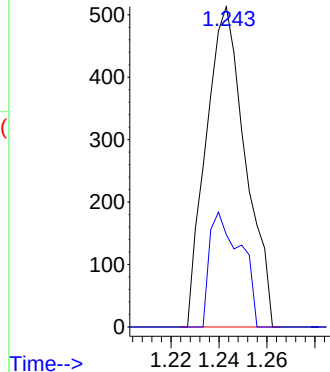
Tgt Ion: 50 Resp: 585

Ion Ratio Lower Upper

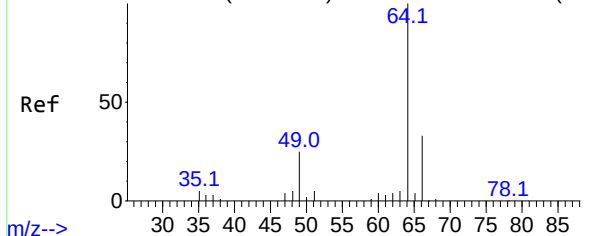
50 100

52 28.8 22.0 41.0

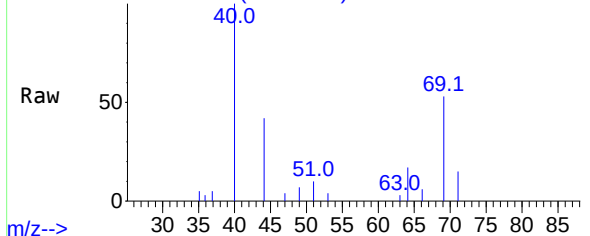
Abundance



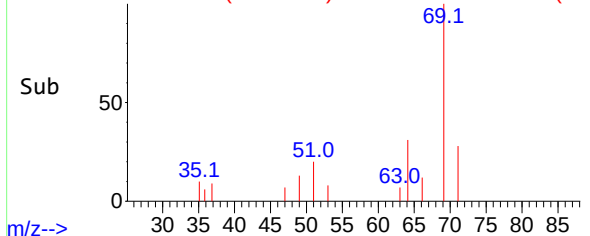
Abundance Scan 168 (1.581 min): VV023853.D\data.ms (-15)



Abundance Scan 170 (1.587 min): VV023858.D\data.ms



Abundance Scan 170 (1.587 min): VV023858.D\data.ms (-76)



#8

Chloroethane

Concen: 0.131 ug/L

RT: 1.587 min Scan# 170

Delta R.T. 0.003 min

Lab File: VV023858.D

Acq: 09 Dec 2021 13:56

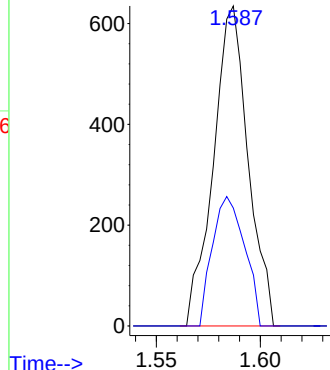
Tgt Ion: 64 Resp: 738

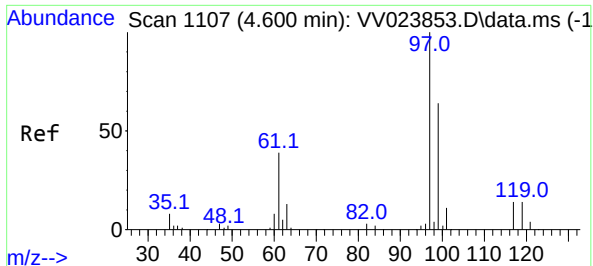
Ion Ratio Lower Upper

64 100

66 36.9 21.4 39.8

Abundance

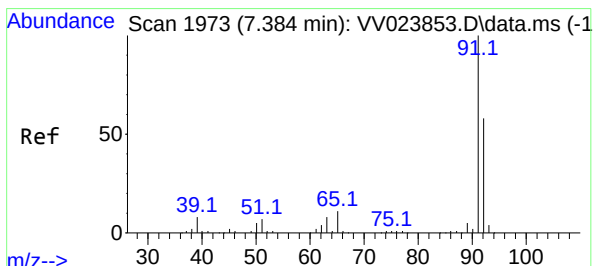
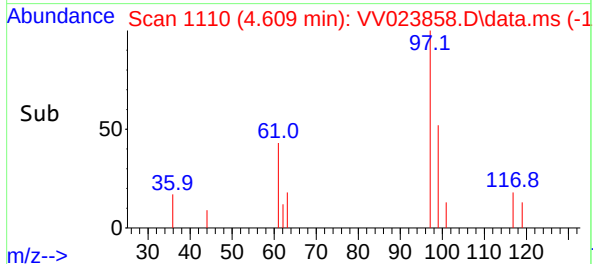
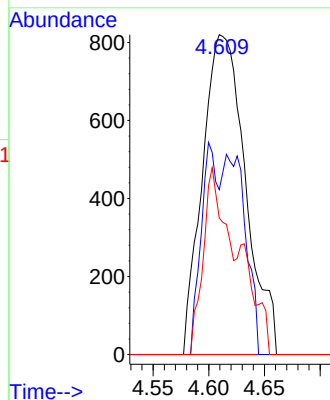
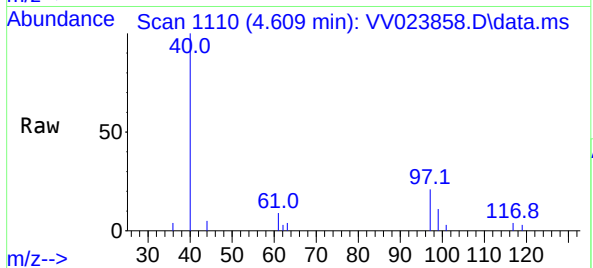




#29
1,1,1-Trichloroethane
Concen: 0.166 ug/L
RT: 4.609 min Scan# 1107
Delta R.T. 0.007 min
Lab File: VV023858.D
Acq: 09 Dec 2021 13:56

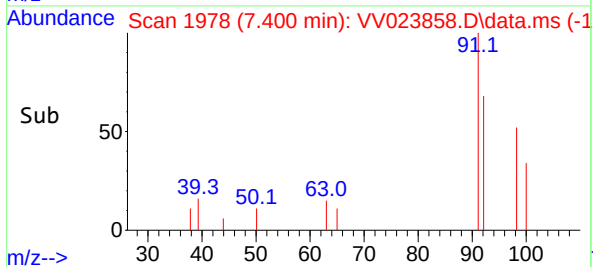
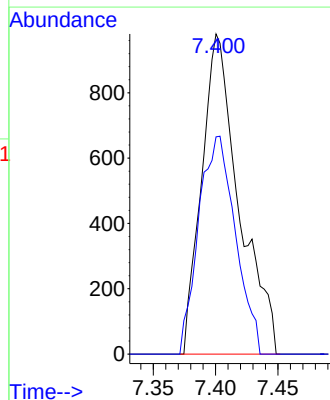
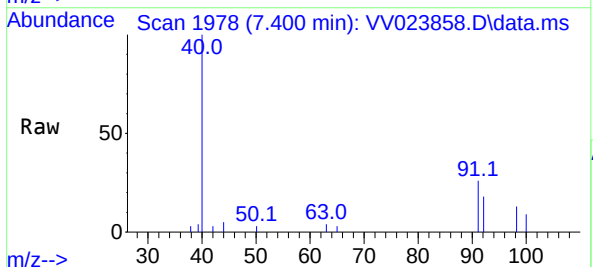
Instrument :
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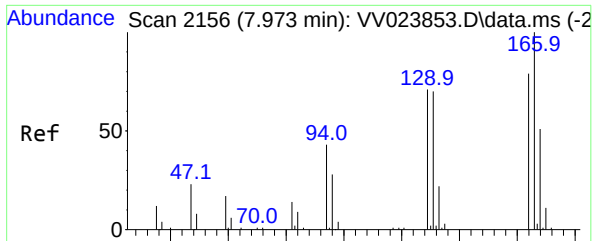
Tgt Ion: 97	Resp: 2204
Ion Ratio	Lower Upper
97 100	
99 34.2	51.9 77.9#
61 12.9	33.2 49.8#



#42
Toluene
Concen: 0.065 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV023858.D
Acq: 09 Dec 2021 13:56

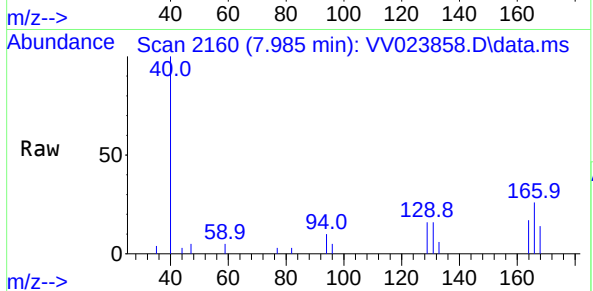
Tgt Ion: 91	Resp: 2043
Ion Ratio	Lower Upper
91 100	
92 67.9	41.5 77.1





#47
 Tetrachloroethene
 Concen: 0.182 ug/L
 RT: 7.985 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VV023858.D
 Acq: 09 Dec 2021 13:56

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5R9



Tgt Ion:164 Resp: 1292

Ion	Ratio	Lower	Upper
164	100		
129	98.5	62.6	116.2
131	98.8	61.0	113.4
166	154.5	87.3	162.1

