

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038184.D
 Acq On : 19 Nov 2024 18:08
 Operator : SY/MD
 Sample : P4882-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H8

Quant Time: Nov 20 00:37:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

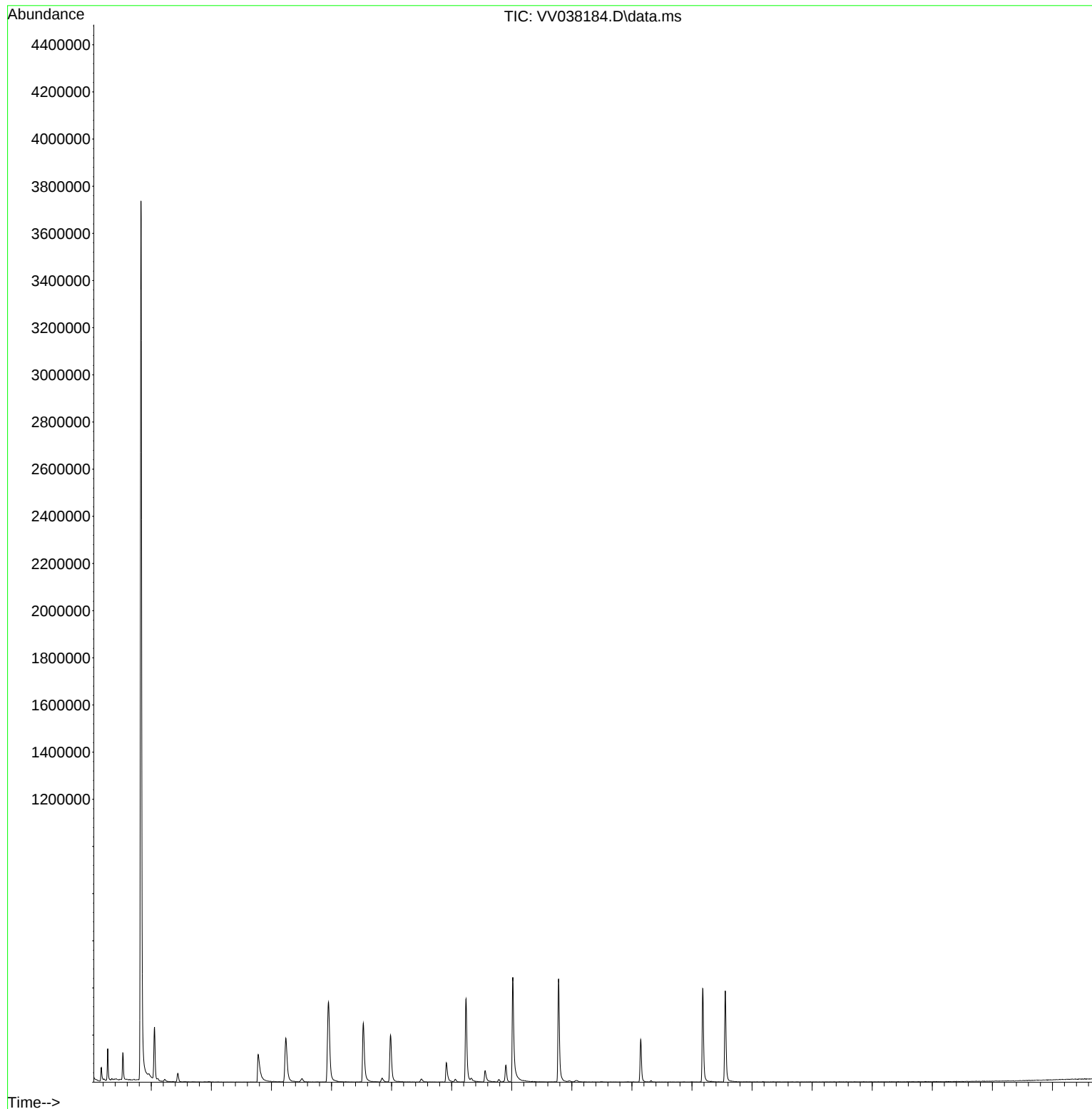
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	245698	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	261549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	114286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80988	4.301	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.529	69	76375	5.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.053	65	35988	4.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.780	46	197305	52.373	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.740%
24) Chloroform-d	4.239	84	178817	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	4.937	65	90447	5.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	4.953	84	324972	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	5.982	67	104754	5.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.239	98	260925	4.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.554	79	35979	4.652	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.017	63	170317	56.655	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.320%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	91389	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	108571	5.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
16) Methylene chloride	2.442	84	16842	0.842	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	12013	0.383	ug/L	96
42) Toluene	7.329	91	12291	0.158	ug/L	89
47) Tetrachloroethene	7.902	164	17405	1.082	ug/L	97
51) Chlorobenzene	8.815	112	9002	0.168	ug/L	90

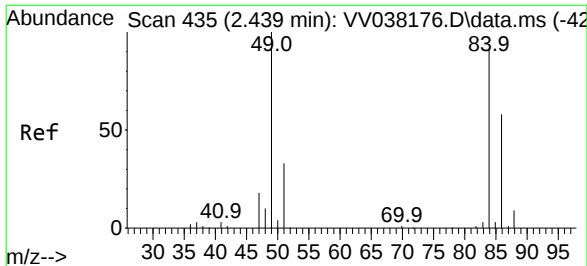
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 19 22:47:22 2024
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#16

Methylene chloride

Concen: 0.842 ug/L

RT: 2.442 min Scan# 43

Delta R.T. 0.003 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

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ClientSampleId :

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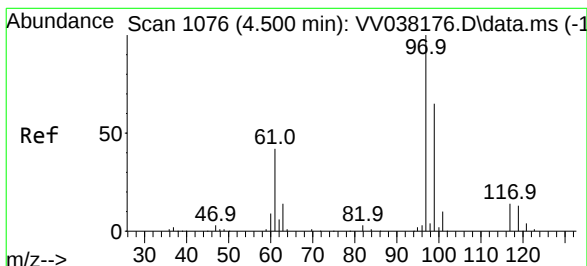
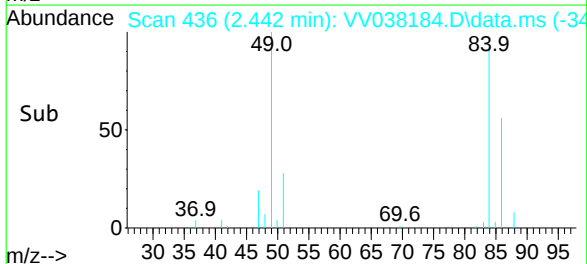
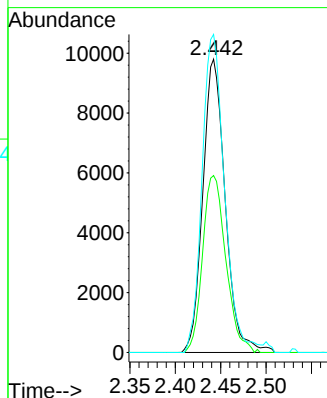
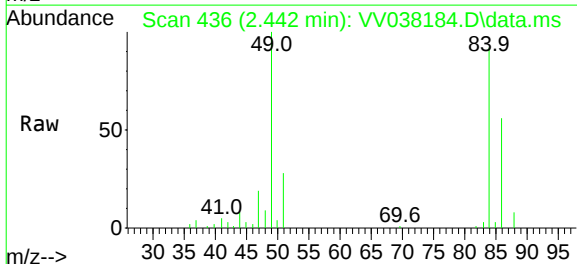
Tgt Ion: 84 Resp: 16842

Ion Ratio Lower Upper

84 100

86 60.3 44.2 82.2

49 108.4 74.9 139.1



#29

1,1,1-Trichloroethane

Concen: 0.383 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.010 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

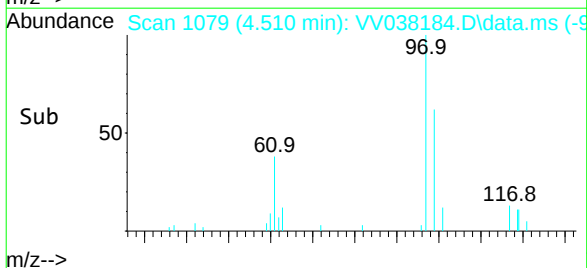
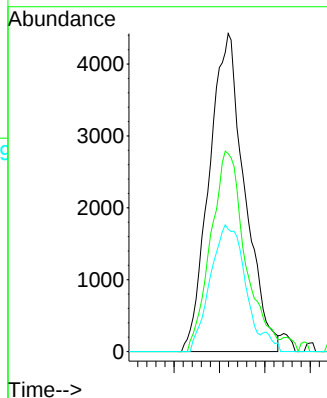
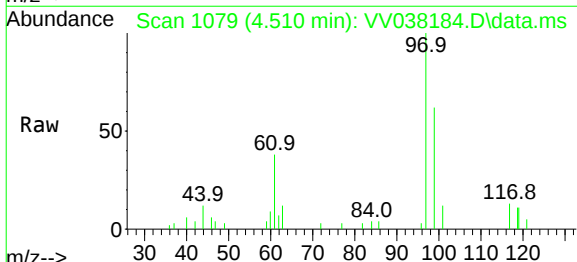
Tgt Ion: 97 Resp: 12013

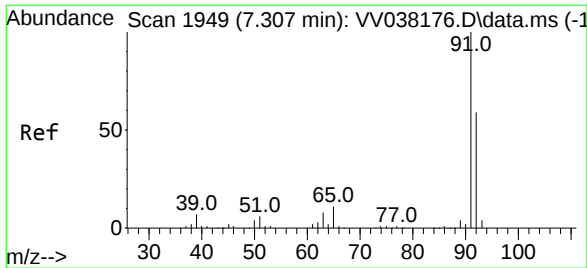
Ion Ratio Lower Upper

97 100

99 61.5 51.8 77.8

61 38.0 32.2 48.2





#42

Toluene

Concen: 0.158 ug/L

RT: 7.329 min Scan# 19

Delta R.T. 0.023 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

Instrument :

MSVOA_V

ClientSampleId :

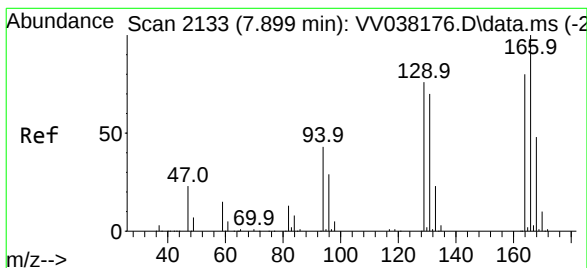
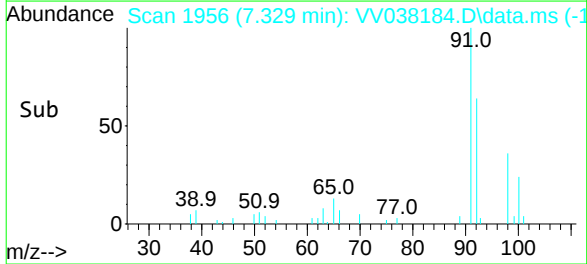
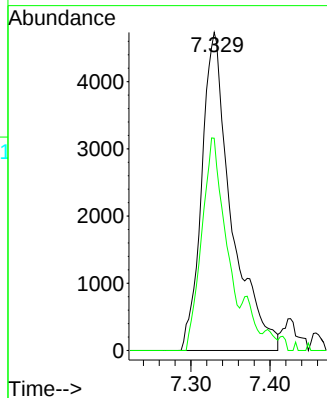
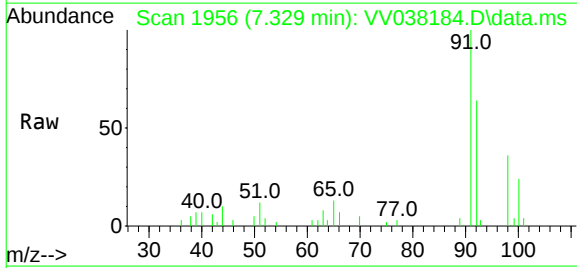
BG3H8

Tgt Ion: 91 Resp: 12291

Ion Ratio Lower Upper

91 100

92 66.7 40.8 75.8



#47

Tetrachloroethene

Concen: 1.082 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

Tgt Ion: 164 Resp: 17405

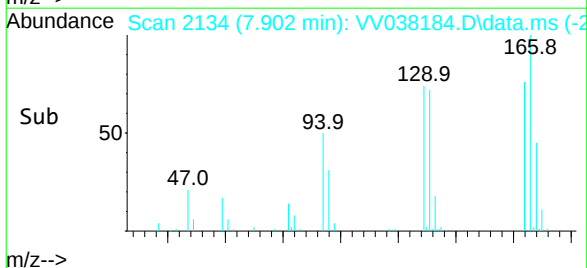
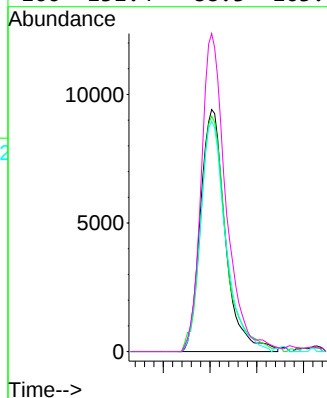
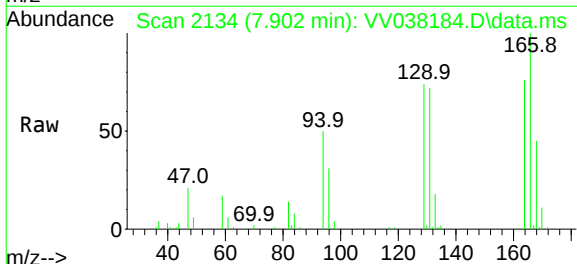
Ion Ratio Lower Upper

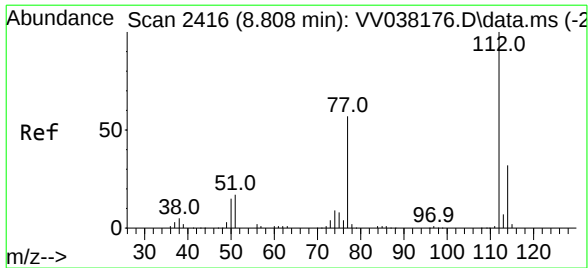
164 100

129 97.3 68.5 127.1

131 95.1 64.8 120.4

166 131.4 88.3 163.9





#51
 Chlorobenzene
 Concen: 0.168 ug/L
 RT: 8.815 min Scan# 2416
 Delta R.T. 0.006 min
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Tgt Ion:	112	Resp:	9002
Ion	Ratio	Lower	Upper
112	100		
114	36.6	22.0	40.8
77	63.5	45.0	67.4

