

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038211.D
 Acq On : 20 Nov 2024 13:31
 Operator : SY/MD
 Sample : P4882-15DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J2DL

Quant Time: Nov 21 01:48:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

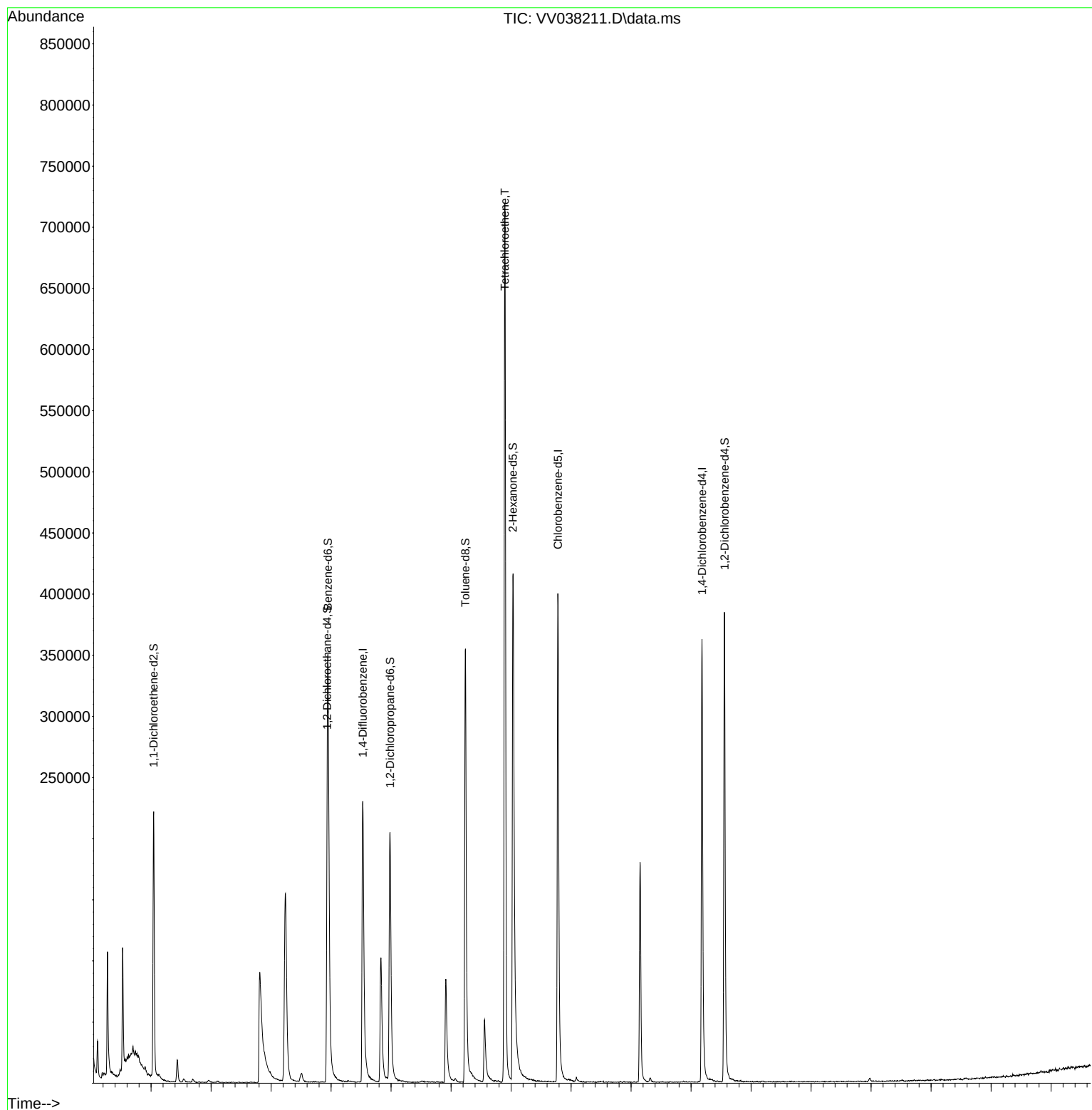
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	226842	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	243836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	103284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	77078	4.433	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.526	69	68014	4.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.044	65	36479	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	3.812	46	211665	60.855	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.700%
24) Chloroform-d	4.240	84	179814	5.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	4.934	65	88710	5.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	4.947	84	327975	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	5.982	67	107522	5.545	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.236	98	268679	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.558	79	36478	5.060	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.031	63	188930	67.412	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.820%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	96520	5.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	107393	6.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.000%#
Target Compounds						
2) Dichlorodifluoromethane	1.102	85	4663	0.217	ug/L	96
16) Methylene chloride	2.436	84	7822	0.423	ug/L	82
22) cis-1,2-Dichloroethene	3.809	96	5709	0.323	ug/L	90
29) 1,1,1-Trichloroethane	4.500	97	6528	0.223	ug/L	99
34) Trichloroethene	5.831	95	41553	2.226	ug/L	98
47) Tetrachloroethene	7.895	164	170610	11.372	ug/L	99

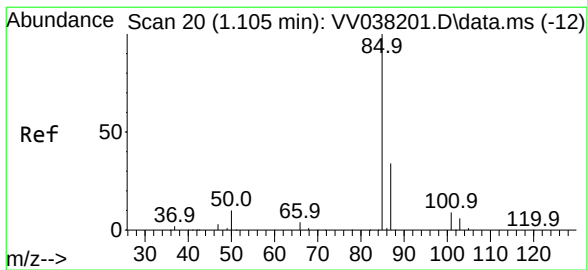
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.217 ug/L

RT: 1.102 min Scan# 19

Delta R.T. -0.003 min

Lab File: VV038211.D

Acq: 20 Nov 2024 13:31

Instrument :

MSVOA_V

ClientSampleId :

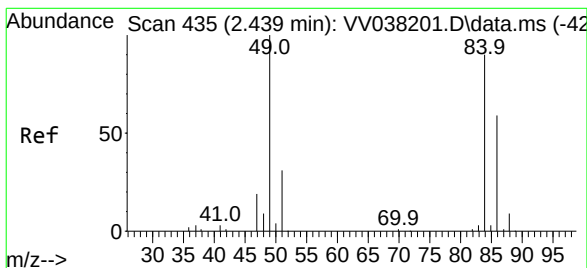
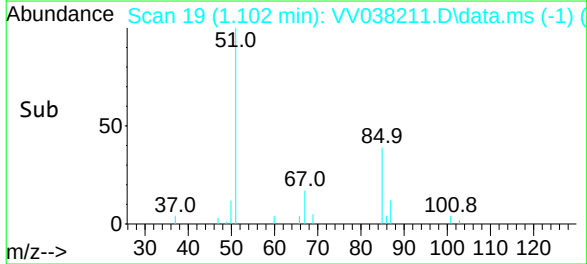
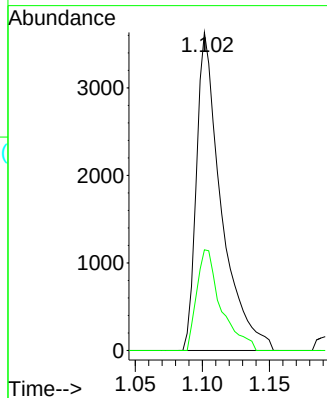
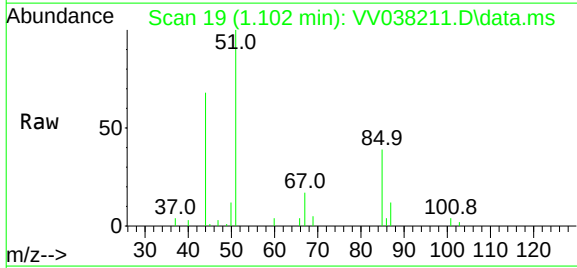
BG3J2DL

Tgt Ion: 85 Resp: 4663

Ion Ratio Lower Upper

85 100

87 31.0 26.5 39.7



#16

Methylene chloride

Concen: 0.423 ug/L

RT: 2.436 min Scan# 434

Delta R.T. -0.003 min

Lab File: VV038211.D

Acq: 20 Nov 2024 13:31

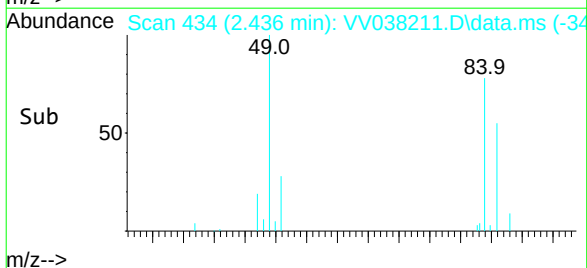
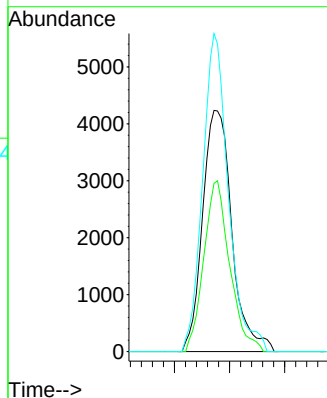
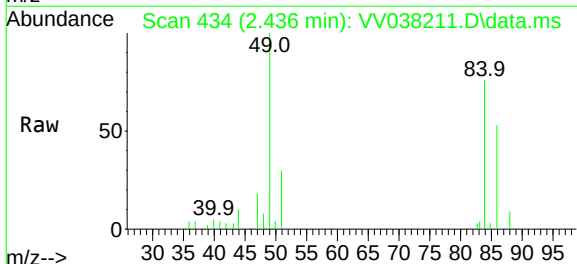
Tgt Ion: 84 Resp: 7822

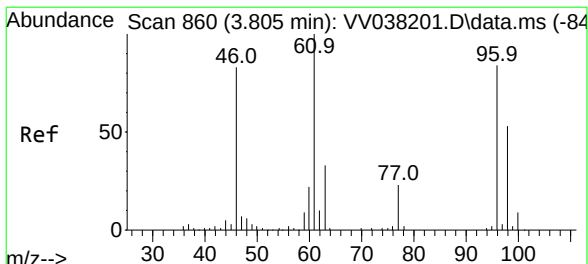
Ion Ratio Lower Upper

84 100

86 69.8 44.2 82.2

49 131.9 74.9 139.1

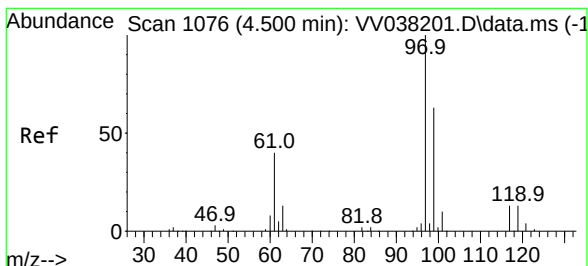
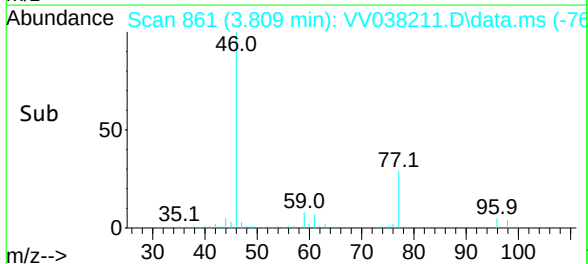
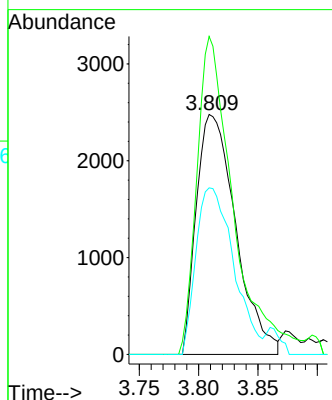
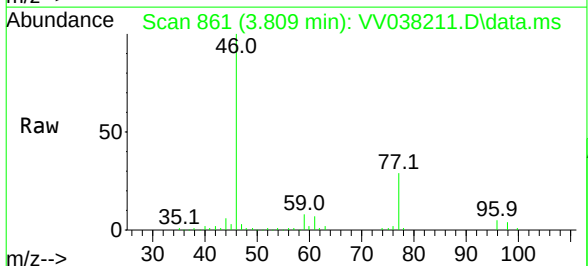




#22
 cis-1,2-Dichloroethene
 Concen: 0.323 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038211.D
 Acq: 20 Nov 2024 13:31

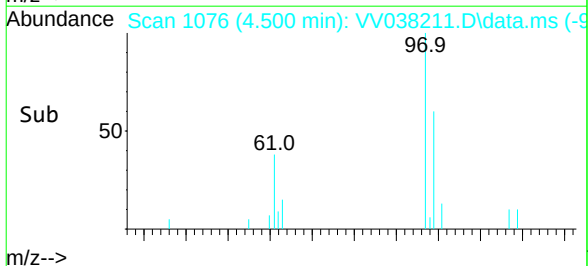
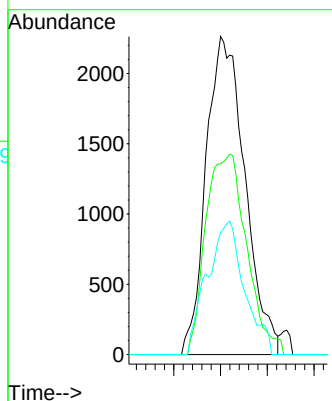
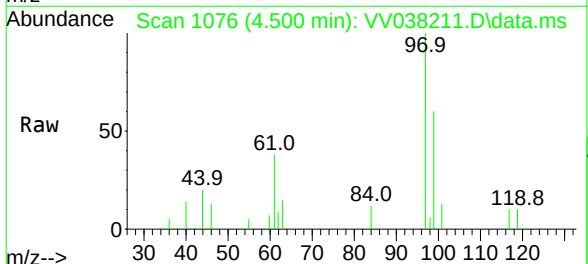
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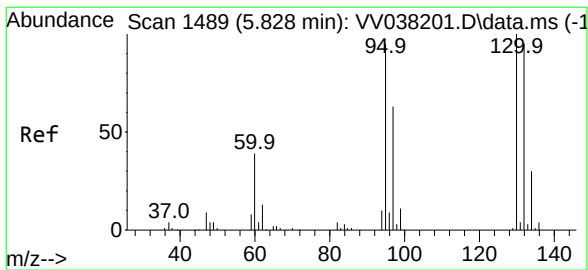
Tgt Ion:	96	Resp:	5709
Ion	Ratio	Lower	Upper
96	100		
61	132.5	82.7	153.5
98	69.4	46.3	85.9



#29
 1,1,1-Trichloroethane
 Concen: 0.223 ug/L
 RT: 4.500 min Scan# 1076
 Delta R.T. 0.000 min
 Lab File: VV038211.D
 Acq: 20 Nov 2024 13:31

Tgt Ion:	97	Resp:	6528
Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.8	77.8
61	40.4	32.2	48.2





#34

Trichloroethene

Concen: 2.226 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV038211.D

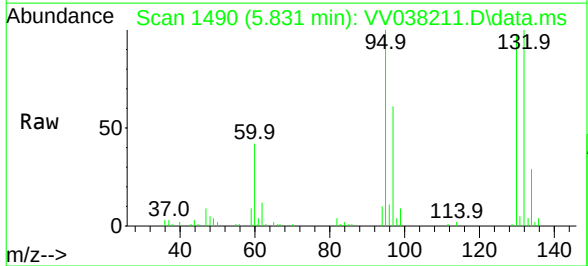
Acq: 20 Nov 2024 13:31

Instrument :

MSVOA_V

ClientSampleId :

BG3J2DL



Tgt Ion: 95 Resp: 41553

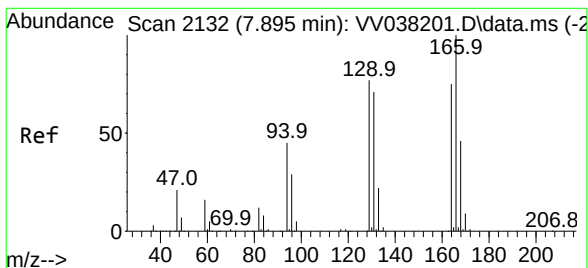
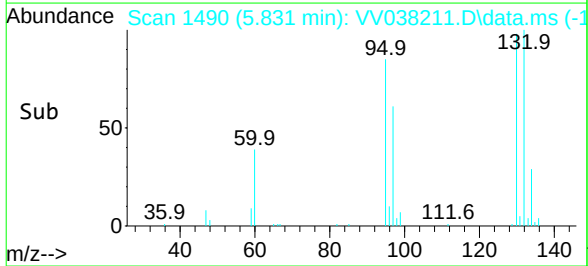
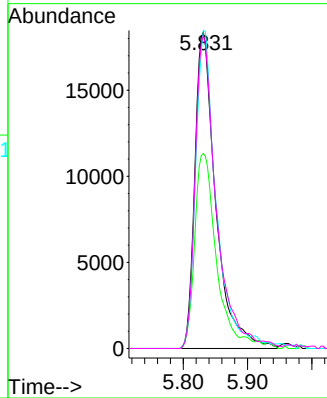
Ion Ratio Lower Upper

95 100

97 61.6 44.8 83.2

132 100.4 68.3 126.8

130 98.8 70.2 130.4



#47

Tetrachloroethene

Concen: 11.372 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038211.D

Acq: 20 Nov 2024 13:31

Tgt Ion: 164 Resp: 170610

Ion Ratio Lower Upper

164 100

129 96.1 68.5 127.1

131 91.1 64.8 120.4

166 126.5 88.3 163.9

