

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038197.D
 Acq On : 19 Nov 2024 23:25
 Operator : SY/MD
 Sample : P4882-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H7

Quant Time: Nov 20 00:43:36 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)

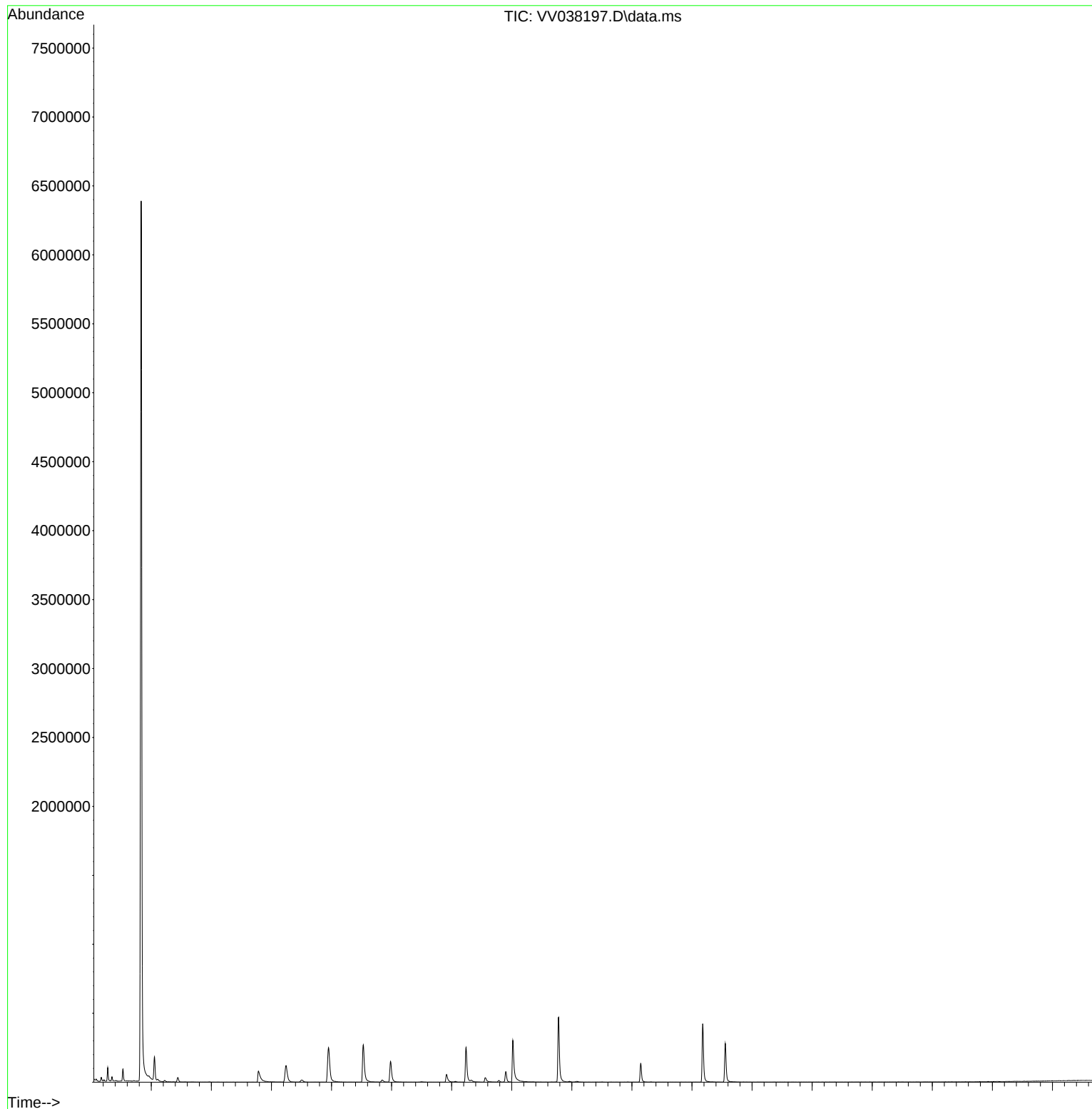
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	262987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	283776	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	121463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	62150	3.083	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.529	69	57626	3.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.053	65	27788	3.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.783	46	141037	34.976	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.960%
24) Chloroform-d	4.243	84	138347	3.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.800%
26) 1,2-Dichloroethane-d4	4.937	65	64925	3.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
32) Benzene-d6	4.953	84	237421	3.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.800%#
36) 1,2-Dichloropropane-d6	5.982	67	78758	3.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.800%
41) Toluene-d8	7.240	98	190357	2.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.000%#
43) trans-1,3-Dichloroprop...	7.558	79	25396	3.027	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.600%
46) 2-Hexanone-d5	8.018	63	119345	36.590	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.180%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	71106	3.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	80598	3.895	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.800%#
Target Compounds						
3) Chloromethane	1.214	50	6290	0.294	ug/L	94
16) Methylene chloride	2.442	84	14286	0.667	ug/L	93
29) 1,1,1-Trichloroethane	4.507	97	14206	0.417	ug/L	98
34) Trichloroethene	5.851	95	5663	0.261	ug/L	90
47) Tetrachloroethene	7.902	164	18969	1.086	ug/L	96
51) Chlorobenzene	8.812	112	8585	0.148	ug/L #	80

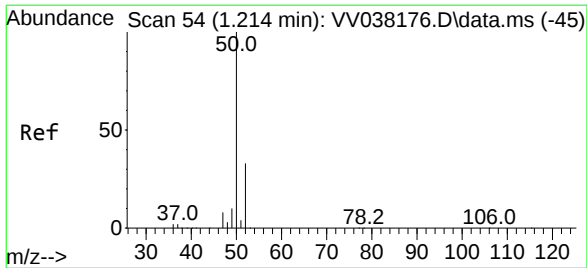
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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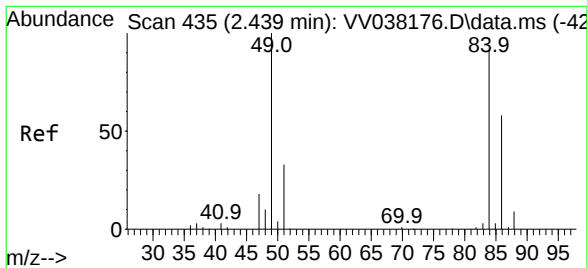
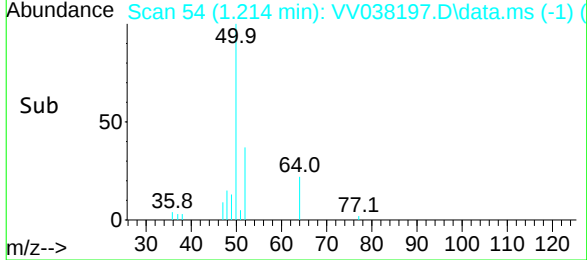
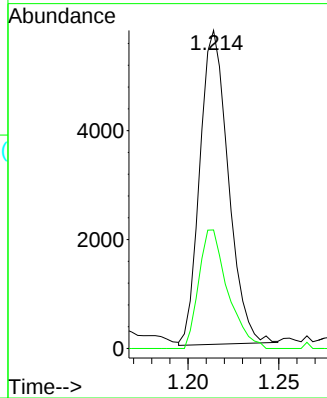
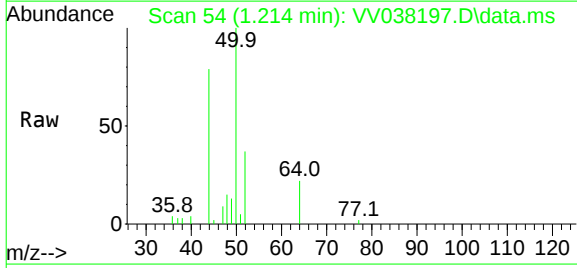




#3
Chloromethane
Concen: 0.294 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038197.D
Acq: 19 Nov 2024 23:25

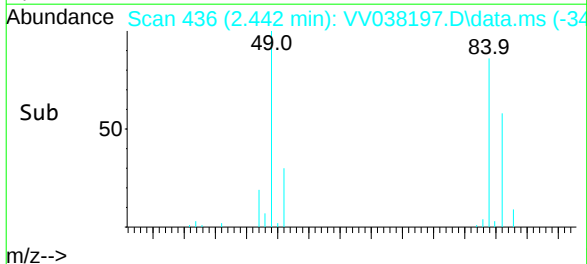
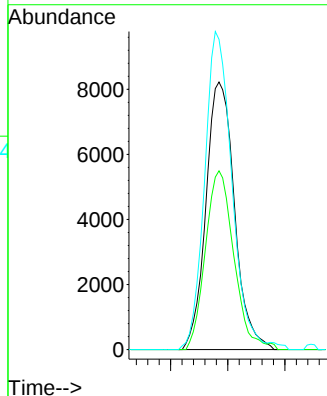
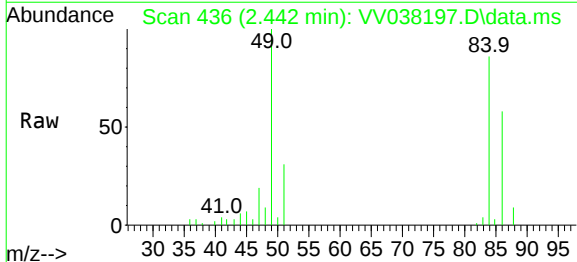
Instrument :
MSVOA_V
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BG3H7

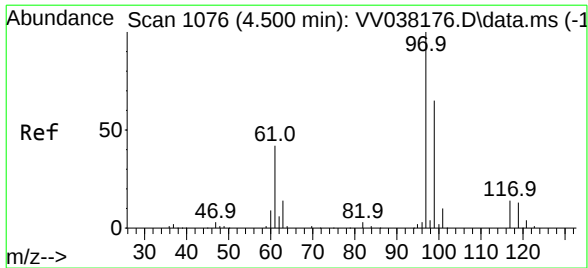
Tgt Ion: 50 Resp: 6290
Ion Ratio Lower Upper
50 100
52 37.3 23.5 43.7



#16
Methylene chloride
Concen: 0.667 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038197.D
Acq: 19 Nov 2024 23:25

Tgt Ion: 84 Resp: 14286
Ion Ratio Lower Upper
84 100
86 66.8 44.2 82.2
49 116.0 74.9 139.1

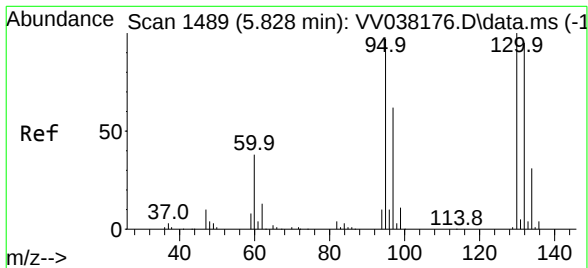
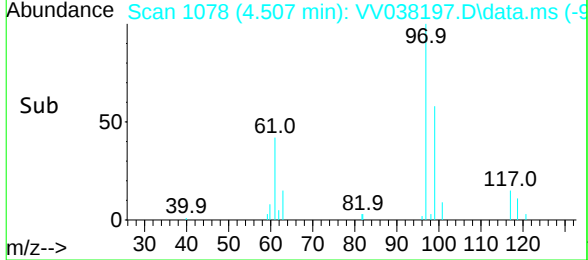
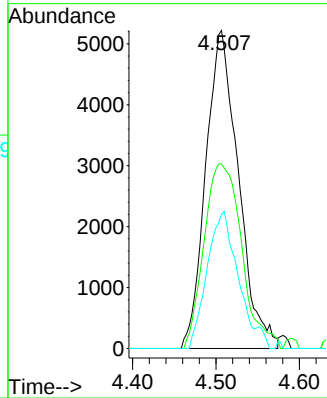
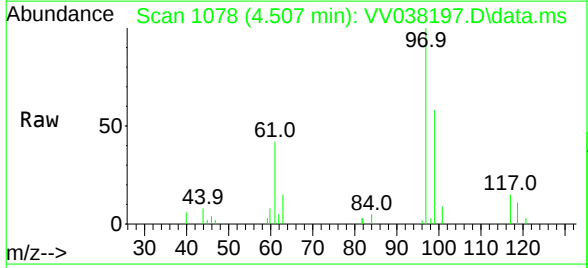




#29
1,1,1-Trichloroethane
Concen: 0.417 ug/L
RT: 4.507 min Scan# 1076
Delta R.T. 0.007 min
Lab File: VV038197.D
Acq: 19 Nov 2024 23:25

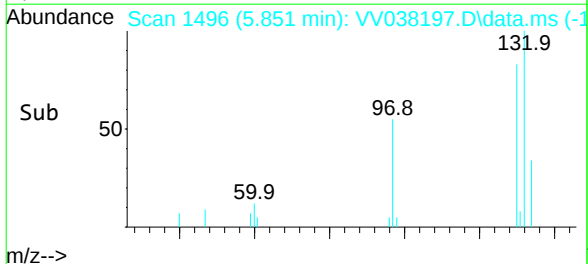
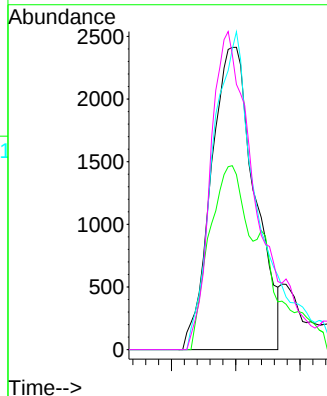
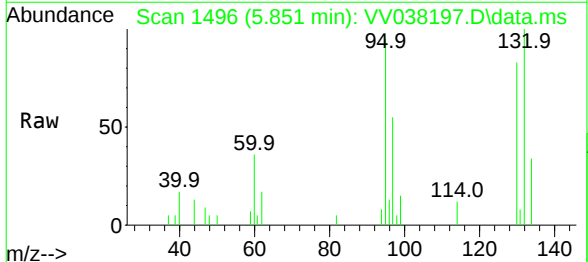
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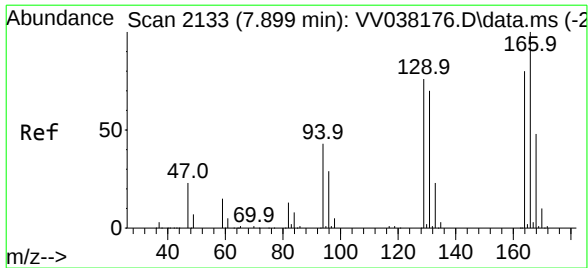
Tgt Ion:	97	Resp:	14206
Ion	Ratio	Lower	Upper
97	100		
99	66.9	51.8	77.8
61	41.3	32.2	48.2



#34
Trichloroethene
Concen: 0.261 ug/L
RT: 5.851 min Scan# 1496
Delta R.T. 0.023 min
Lab File: VV038197.D
Acq: 19 Nov 2024 23:25

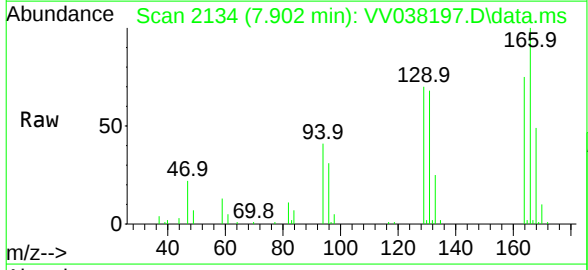
Tgt Ion:	95	Resp:	5663
Ion	Ratio	Lower	Upper
95	100		
97	57.9	44.8	83.2
132	105.2	68.3	126.8
130	87.7	70.2	130.4



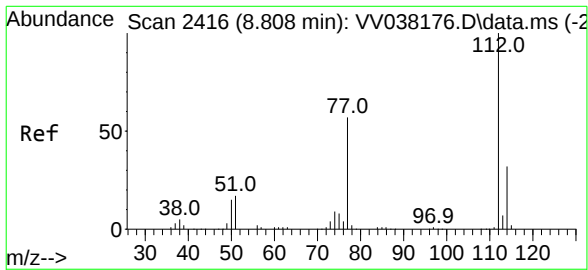
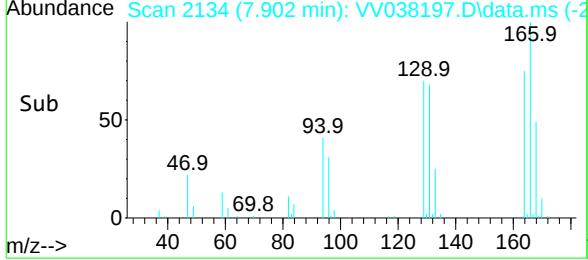
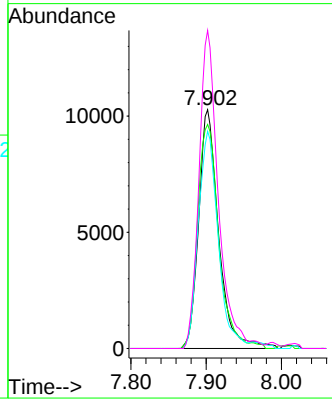


#47
 Tetrachloroethene
 Concen: 1.086 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.003 min
 Lab File: VV038197.D
 Acq: 19 Nov 2024 23:25

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 MSVOA_V
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Tgt Ion:	164	Resp:	18969
Ion	Ratio	Lower	Upper
164	100		
129	93.8	68.5	127.1
131	91.0	64.8	120.4
166	133.2	88.3	163.9



#51
 Chlorobenzene
 Concen: 0.148 ug/L
 RT: 8.812 min Scan# 2417
 Delta R.T. 0.003 min
 Lab File: VV038197.D
 Acq: 19 Nov 2024 23:25

Tgt Ion:	112	Resp:	8585
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	40.8
77	78.8	45.0	67.4

