

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012125\
 Data File : VV038486.D
 Acq On : 21 Jan 2025 16:15
 Operator : SY/MD
 Sample : Q1137-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAB8

Quant Time: Jan 22 02:56:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:52:26 2025
 Response via : Initial Calibration

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

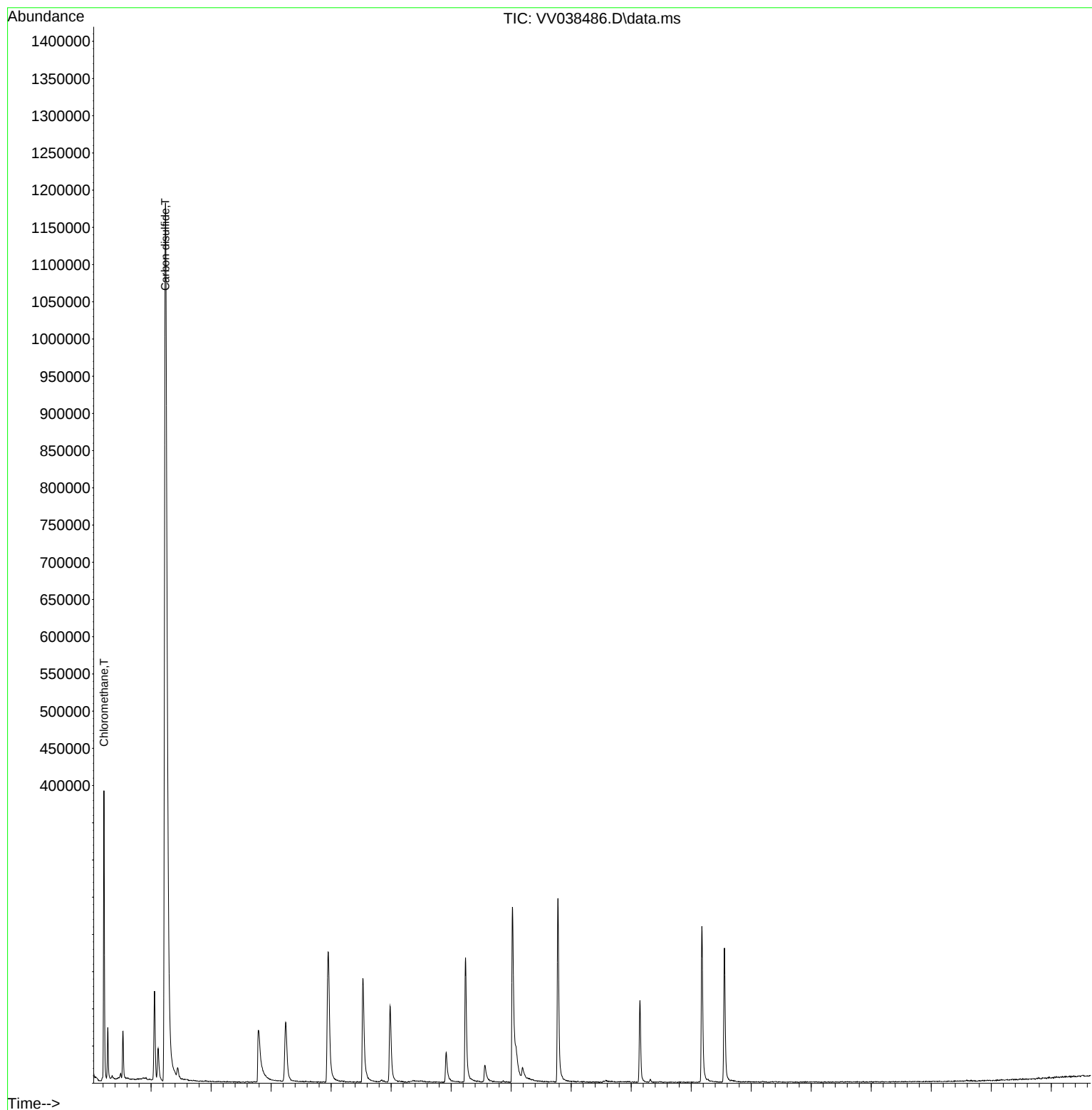
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	132051	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	150407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	60421	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	44366	4.074	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.532	69	41780	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.056	65	20420	4.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.793	46	152348	66.517	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.040%#
24) Chloroform-d	4.243	84	91741	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	4.940	65	49367	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	4.957	84	167919	4.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.982	67	53995	4.288	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.239	98	126222	3.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	7.561	79	19205	4.170	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.021	63	92508	50.908	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	57155	5.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	49007	4.792	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
3) Chloromethane	1.214	50	247378	16.345	ug/L	97
6) Bromomethane	1.490	94	2473	0.323	ug/L	85
13) Acetone	2.117	43	49837	27.966	ug/L	97
14) Carbon disulfide	2.236	76	66345	1.804	ug/L	98
16) Methylene chloride	2.445	84	4962	0.409	ug/L	92

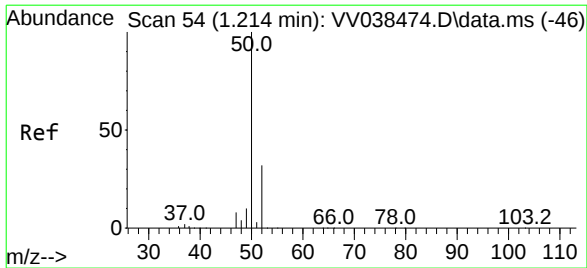
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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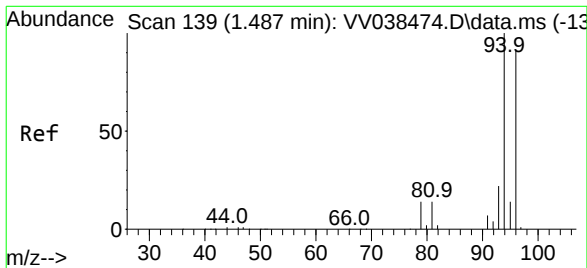
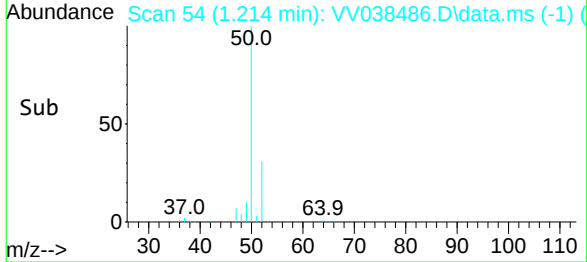
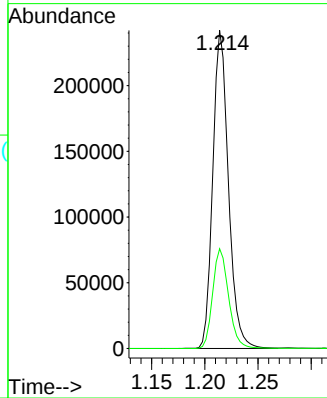
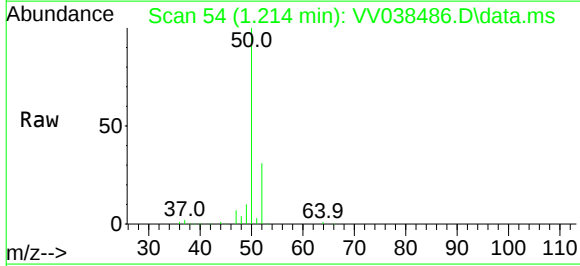




#3
Chloromethane
Concen: 16.345 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV038486.D
Acq: 21 Jan 2025 16:15

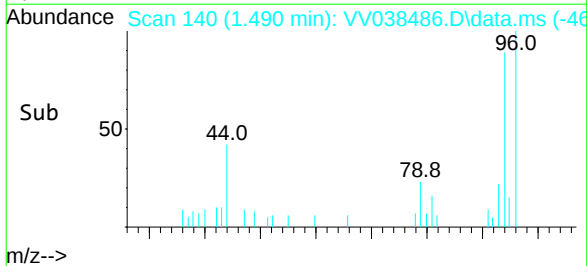
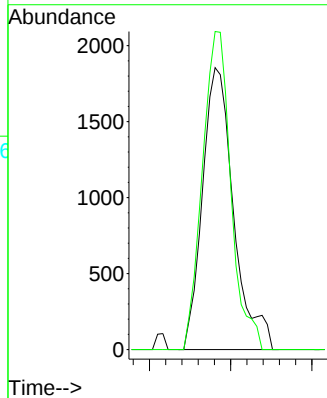
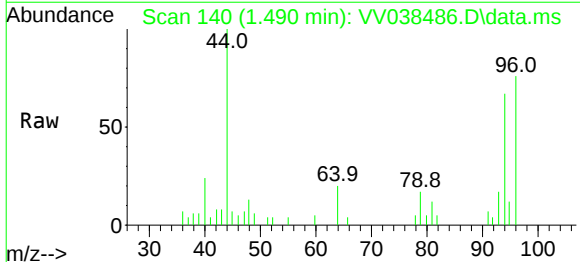
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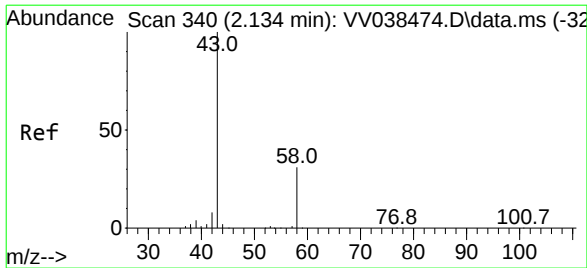
Tgt Ion: 50 Resp: 247378
Ion Ratio Lower Upper
50 100
52 31.4 23.0 42.6



#6
Bromomethane
Concen: 0.323 ug/L
RT: 1.490 min Scan# 140
Delta R.T. 0.003 min
Lab File: VV038486.D
Acq: 21 Jan 2025 16:15

Tgt Ion: 94 Resp: 2473
Ion Ratio Lower Upper
94 100
96 112.8 68.9 127.9

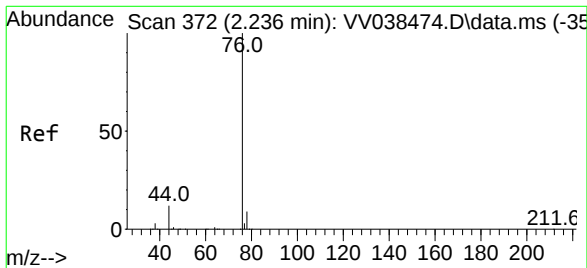
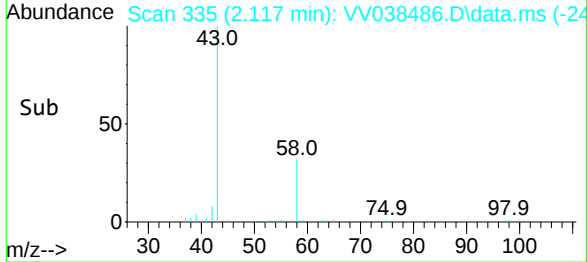
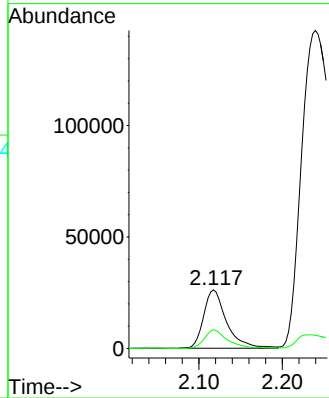
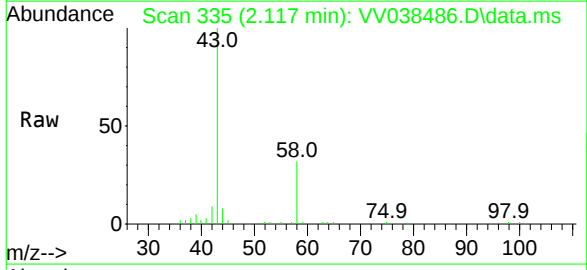




#13
Acetone
Concen: 27.966 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.016 min
Lab File: VV038486.D
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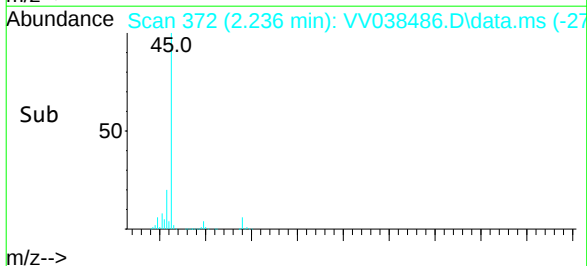
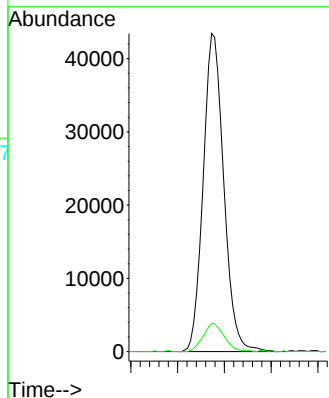
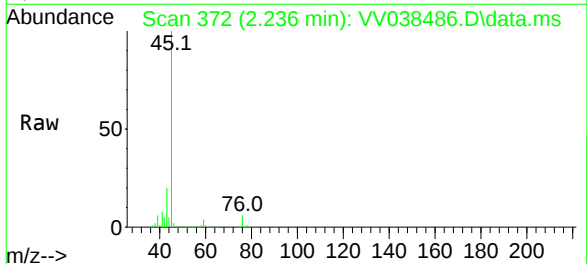
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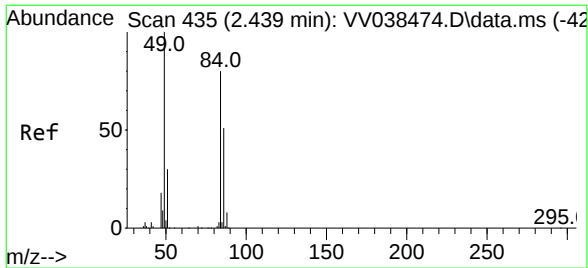
Tgt Ion: 43 Resp: 49837
Ion Ratio Lower Upper
43 100
58 32.0 0.0 67.2



#14
Carbon disulfide
Concen: 1.804 ug/L
RT: 2.236 min Scan# 372
Delta R.T. -0.000 min
Lab File: VV038486.D
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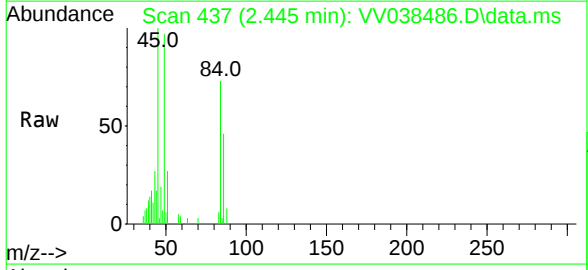
Tgt Ion: 76 Resp: 66345
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4





#16
Methylene chloride
Concen: 0.409 ug/L
RT: 2.445 min Scan# 43
Delta R.T. 0.006 min
Lab File: VV038486.D
Acq: 21 Jan 2025 16:15

Instrument :
MSVOA_V
ClientSampleId :
BHAB8



Tgt Ion: 84 Resp: 4962

Ion	Ratio	Lower	Upper
84	100		
86	63.3	44.7	82.9
49	133.3	84.1	156.1

