

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012325\
 Data File : VV038516.D
 Acq On : 23 Jan 2025 19:12
 Operator : SY/MD
 Sample : Q1137-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAB0

Quant Time: Jan 24 00:33:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 00:30:49 2025
 Response via : Initial Calibration

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

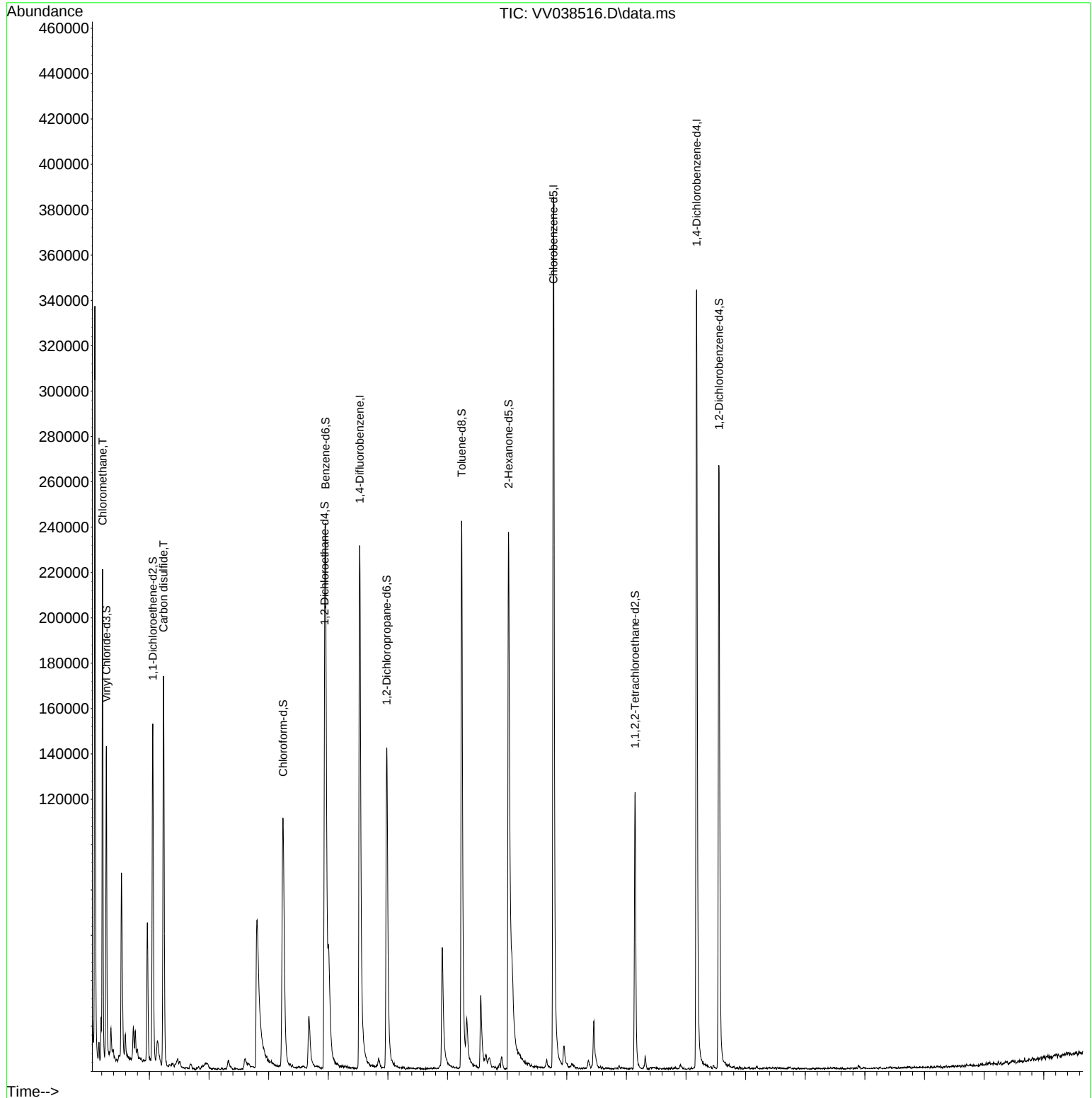
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	220347	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	227523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	94429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	52519	2.890	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.800%
7) Chloroethane-d5	1.532	69	50697	3.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.400%
11) 1,1-Dichloroethene-d2	2.056	65	24789	3.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.802	46	151717	39.698	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.400%
24) Chloroform-d	4.243	84	126470	3.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
26) 1,2-Dichloroethane-d4	4.937	65	59458	3.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
32) Benzene-d6	4.953	84	224458	3.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	5.979	67	74555	3.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.236	98	179499	3.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.800%#
43) trans-1,3-Dichloroprop...	7.558	79	23146	3.322	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.400%
46) 2-Hexanone-d5	8.024	63	91713	33.364	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.720%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	62691	4.152	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	72741	4.551	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds	Qvalue					
3) Chloromethane	1.214	50	138462	5.483	ug/L	99
8) Chloroethane	1.548	64	14831	0.970	ug/L	99
13) Acetone	2.134	43	19225	6.465	ug/L	97
14) Carbon disulfide	2.237	76	200363	3.264	ug/L	98
33) Benzene	5.005	78	51351	0.711	ug/L	100
42) Toluene	7.323	91	17796	0.236	ug/L	96

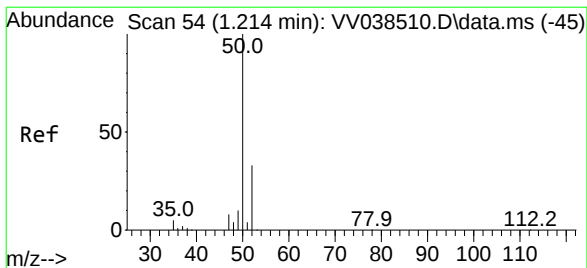
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 24 00:30:49 2025
Response via : Initial Calibration





#3

Chloromethane

Concen: 5.483 ug/L

RT: 1.214 min Scan# 54

Delta R.T. 0.000 min

Lab File: VV038516.D

Acq: 23 Jan 2025 19:12

Instrument :

MSVOA_V

ClientSampleId :

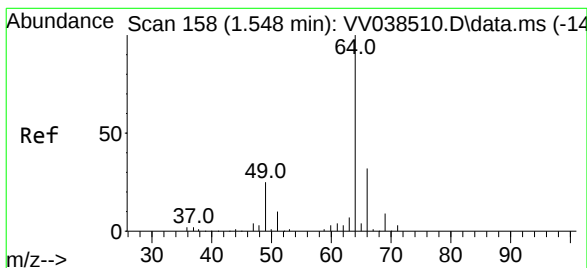
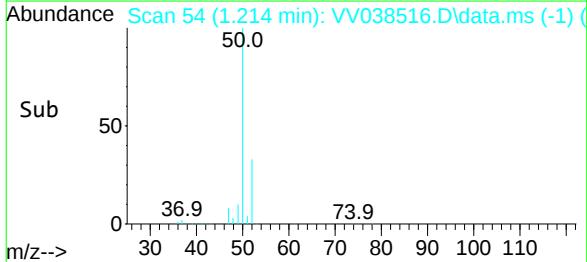
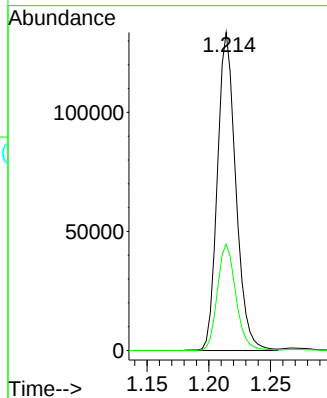
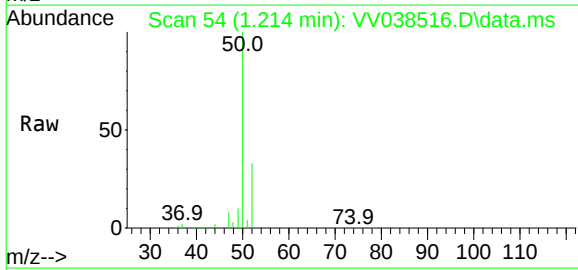
BHAB0

Tgt Ion: 50 Resp: 138462

Ion Ratio Lower Upper

50 100

52 33.4 23.0 42.6



#8

Chloroethane

Concen: 0.970 ug/L

RT: 1.548 min Scan# 158

Delta R.T. 0.000 min

Lab File: VV038516.D

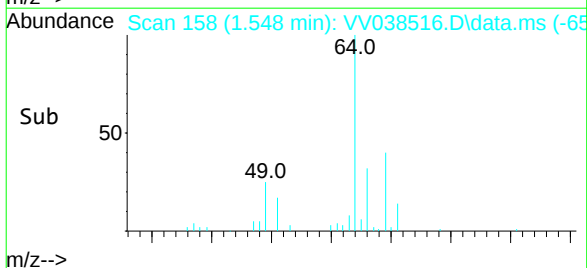
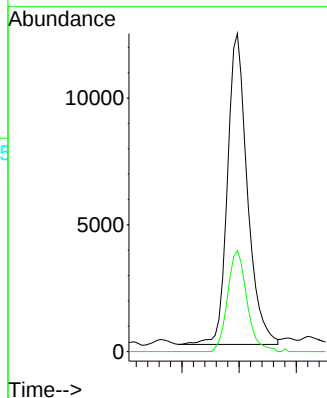
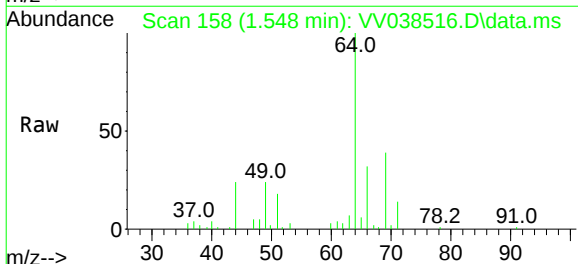
Acq: 23 Jan 2025 19:12

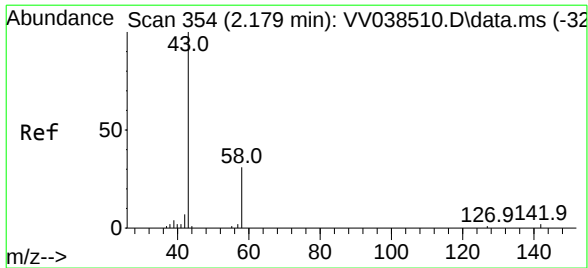
Tgt Ion: 64 Resp: 14831

Ion Ratio Lower Upper

64 100

66 31.7 22.7 42.1

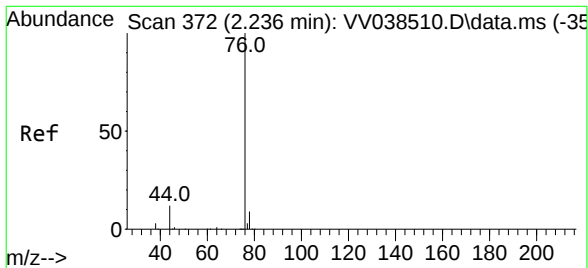
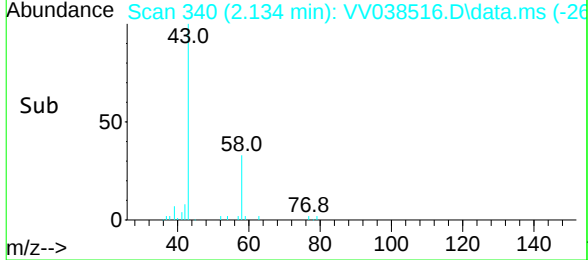
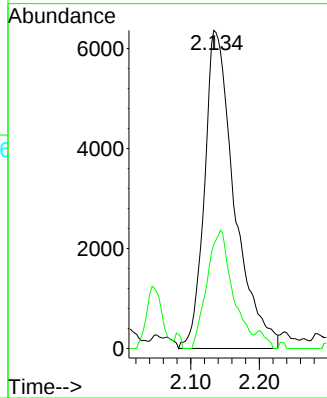
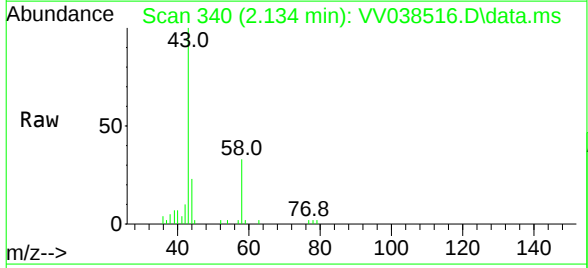




#13
 Acetone
 Concen: 6.465 ug/L
 RT: 2.134 min Scan# 341
 Delta R.T. -0.045 min
 Lab File: VV038516.D
 Acq: 23 Jan 2025 19:12

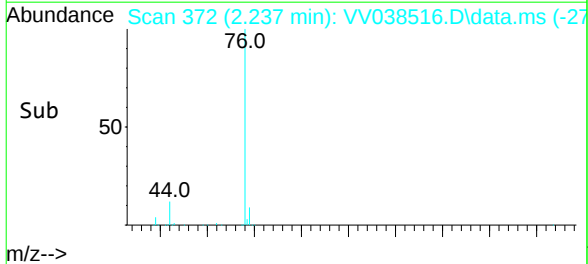
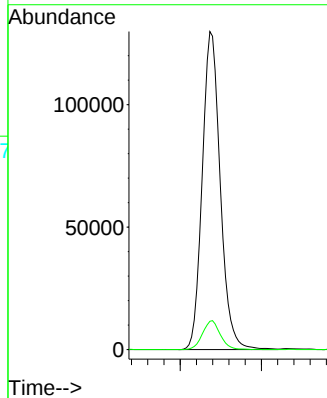
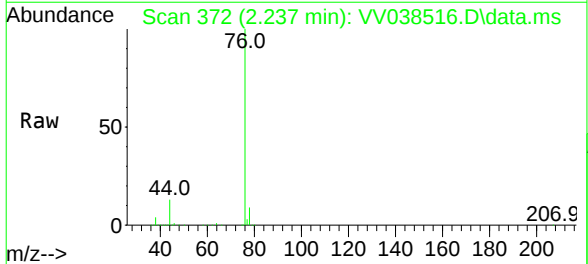
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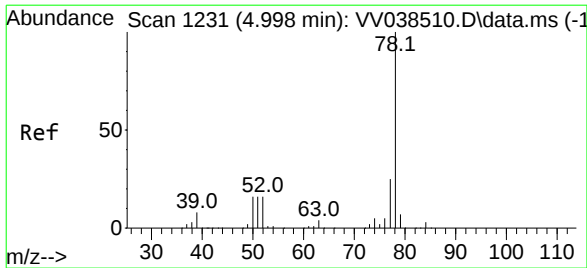
Tgt Ion:	43	Resp:	19225
Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	67.2



#14
 Carbon disulfide
 Concen: 3.264 ug/L
 RT: 2.237 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VV038516.D
 Acq: 23 Jan 2025 19:12

Tgt Ion:	76	Resp:	200363
Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.6	11.4





#33

Benzene

Concen: 0.711 ug/L

RT: 5.005 min Scan# 12

Delta R.T. 0.007 min

Lab File: VV038516.D

Acq: 23 Jan 2025 19:12

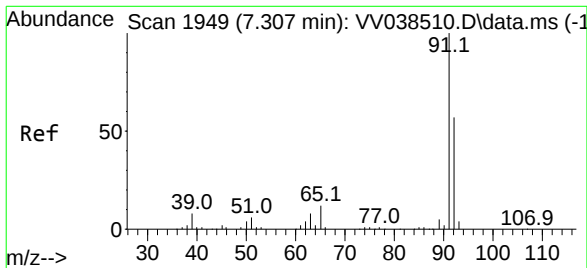
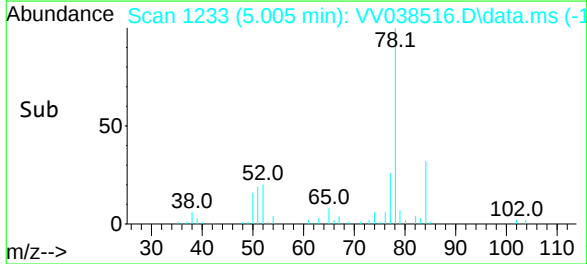
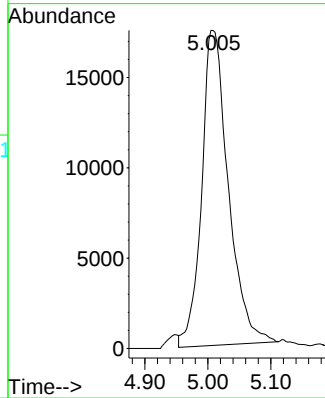
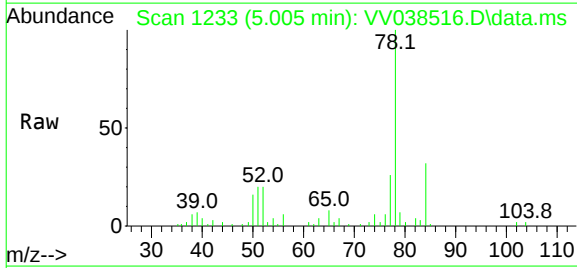
Instrument :

MSVOA_V

ClientSampleId :

BHAB0

Tgt Ion: 78 Resp: 51351



#42

Toluene

Concen: 0.236 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038516.D

Acq: 23 Jan 2025 19:12

Tgt Ion: 91 Resp: 17796

Ion Ratio Lower Upper

91 100

92 54.7 40.6 75.4

