

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037567.D
 Acq On : 26 Sep 2024 22:36
 Operator : SY/MD
 Sample : VV0926MBL02
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

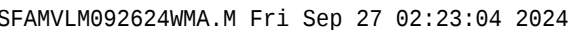
Quant Time: Sep 27 02:22:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

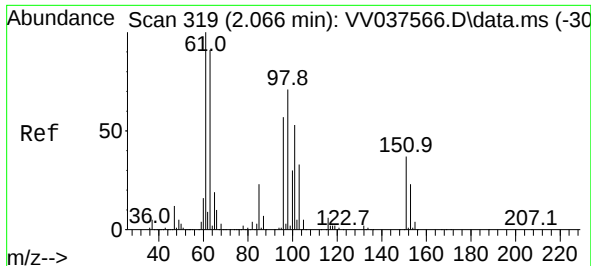
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	667336	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	615464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	291821	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	213538	36.451	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.900%
7) Chloroethane-d5	1.532	69	186373	40.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.980%
11) 1,1-Dichloroethene-d2	2.059	65	96387	39.382	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.760%
21) 2-Butanone-d5	3.793	46	226332	108.471	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.470%
24) Chloroform-d	4.243	84	477227	45.789	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.580%
26) 1,2-Dichloroethane-d4	4.937	65	301129	49.362	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.720%
32) Benzene-d6	4.953	84	925715	48.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.140%
36) 1,2-Dichloropropane-d6	5.982	67	308462	50.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.600%
41) Toluene-d8	7.236	98	799720	45.794	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.580%
43) trans-1,3-Dichloroprop...	7.551	79	138794	48.719	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.440%
47) 2-Hexanone-d5	8.024	63	139082	107.402	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.400%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	365111	51.239	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	11.554	152	318824	51.848	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.700%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	3618	0.761	ug/L #	33
14) Carbon disulfide	2.240	76	12855	0.927	ug/L #	92
20) cis-1,2-Dichloroethene	3.812	96	6319	1.201	ug/L	89
70) 1,2,4-trichlorobenzene	13.201	180	6176	1.060	ug/L	97
71) Naphthalene	13.438	128	41422	2.721	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	7655	1.330	ug/L	98

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

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.761 ug/L

RT: 2.059 min Scan# 319

Delta R.T. -0.007 min

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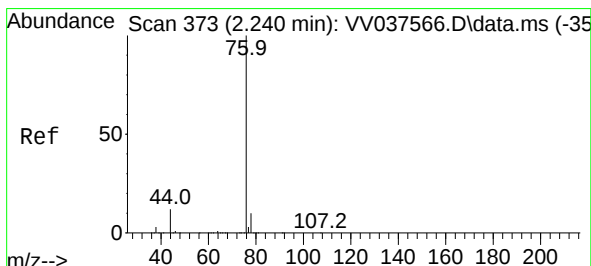
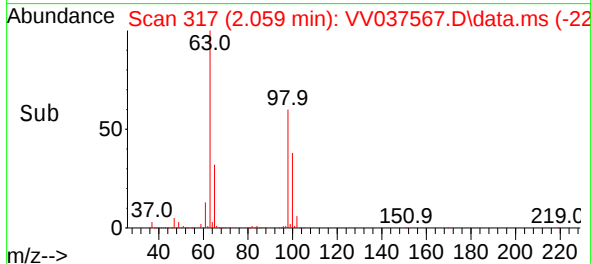
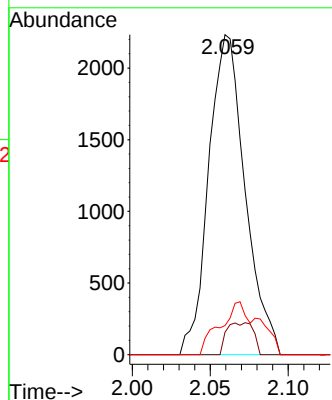
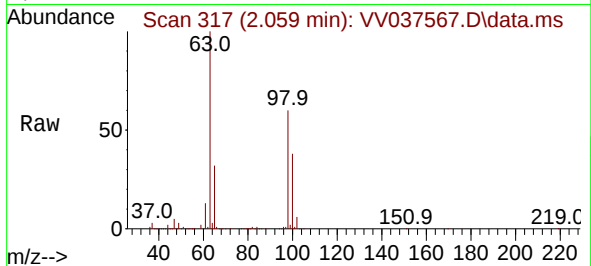
Tgt Ion:101 Resp: 3618

Ion Ratio Lower Upper

101 100

85 4.2 34.6 52.0#

151 12.5 57.5 86.3#



#14

Carbon disulfide

Concen: 0.927 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV037567.D

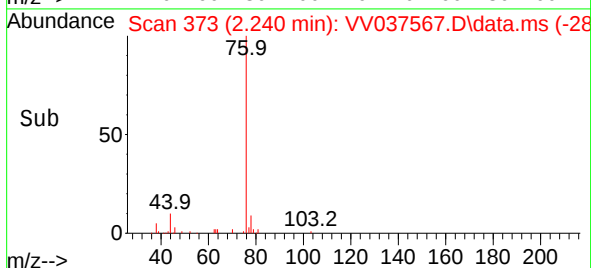
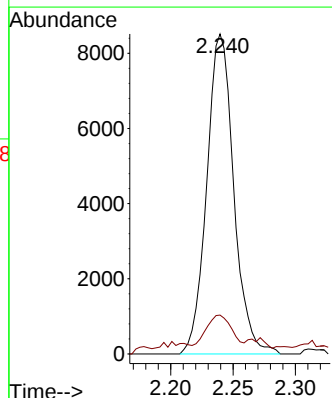
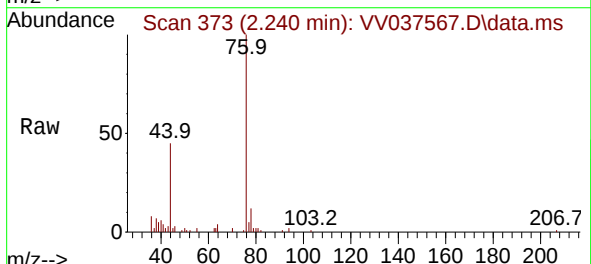
Acq: 26 Sep 2024 22:36

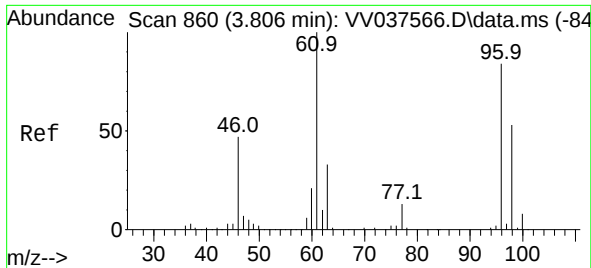
Tgt Ion: 76 Resp: 12855

Ion Ratio Lower Upper

76 100

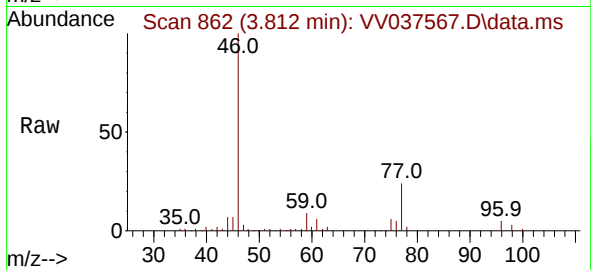
78 12.2 7.4 11.0#





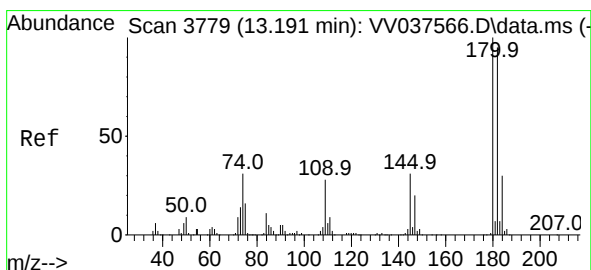
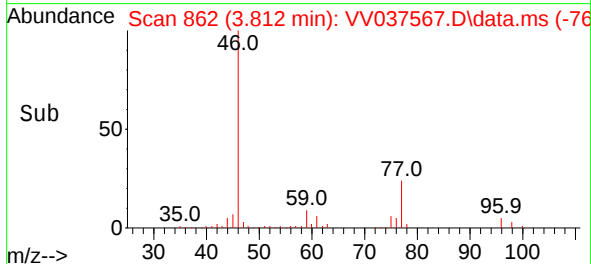
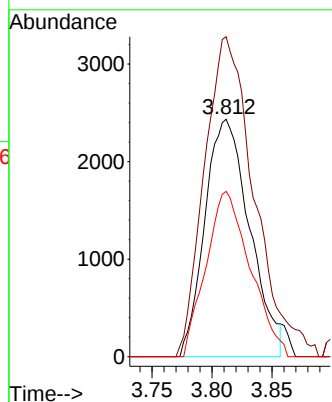
#20
 cis-1,2-Dichloroethene
 Concen: 1.201 ug/L
 RT: 3.812 min Scan# 860
 Delta R.T. 0.006 min
 Lab File: VV037567.D
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Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 6319

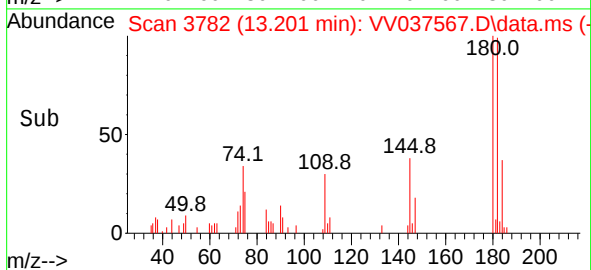
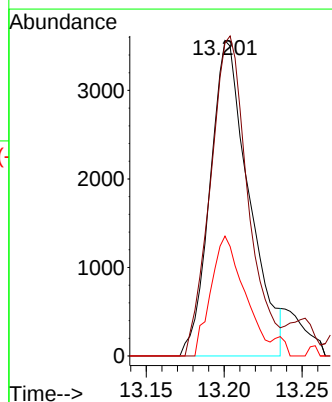
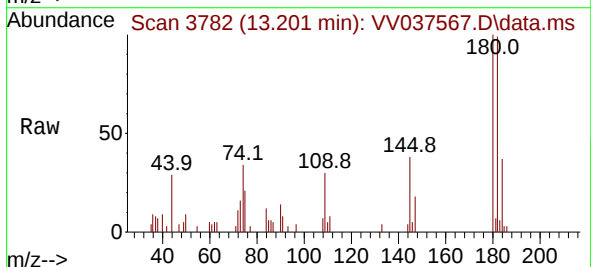
Ion	Ratio	Lower	Upper
96	100		
61	134.8	85.0	157.8
98	69.6	44.2	82.0

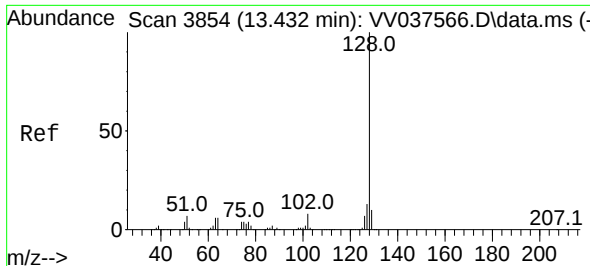


#70
 1,2,4-trichlorobenzene
 Concen: 1.060 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.009 min
 Lab File: VV037567.D
 Acq: 26 Sep 2024 22:36

Tgt Ion: 180 Resp: 6176

Ion	Ratio	Lower	Upper
180	100		
182	97.9	75.9	113.9
145	32.8	25.4	38.2

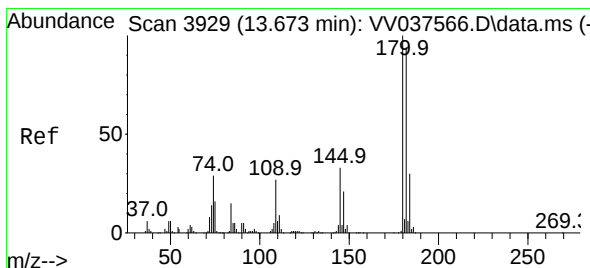
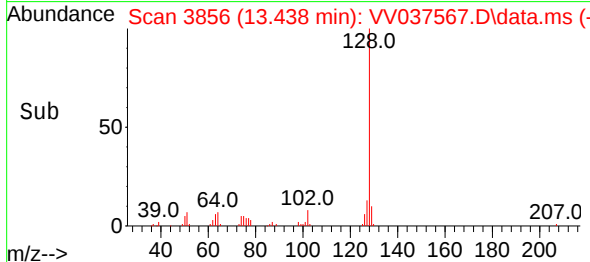
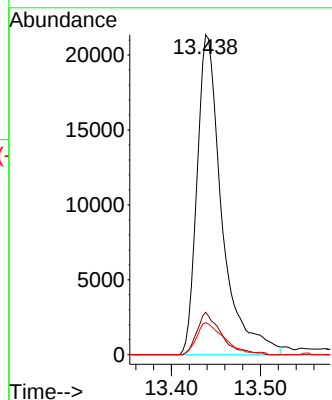
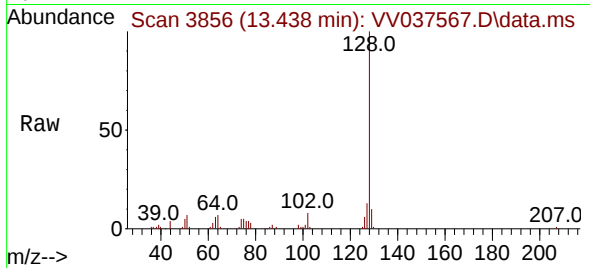




#71
Naphthalene
Concen: 2.721 ug/L
RT: 13.438 min Scan# 3854
Delta R.T. 0.006 min
Lab File: VV037567.D
Acq: 26 Sep 2024 22:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 41422
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.4
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 1.330 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.006 min
Lab File: VV037567.D
Acq: 26 Sep 2024 22:36

Tgt Ion:180 Resp: 7655
Ion Ratio Lower Upper
180 100
182 92.6 75.8 113.8
145 31.0 26.2 39.4

