

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037034.D
 Acq On : 26 Aug 2024 17:45
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

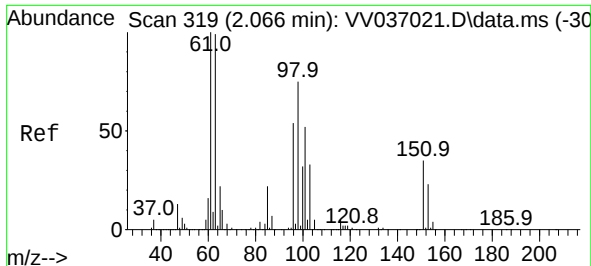
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 02:03:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:58:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	672177	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	639929	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	306348	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	257150	41.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.640%
7) Chloroethane-d5	1.529	69	213146	44.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.700%
11) 1,1-Dichloroethene-d2	2.056	65	113546	43.936	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.880%
21) 2-Butanone-d5	3.796	46	287588	120.778	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.780%
24) Chloroform-d	4.243	84	460663	47.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
26) 1,2-Dichloroethane-d4	4.937	65	301993	49.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.660%
32) Benzene-d6	4.953	84	962405	49.792	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.580%
36) 1,2-Dichloropropane-d6	5.986	67	309238	51.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.160%
41) Toluene-d8	7.239	98	857840	49.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.360%
43) trans-1,3-Dichloroprop...	7.548	79	134315	47.956	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.920%
47) 2-Hexanone-d5	8.024	63	199338	120.649	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.650%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	381130	51.909	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.820%
66) 1,2-Dichlorobenzene-d4	11.554	152	312374	50.912	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.820%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3921	0.842	ug/L #	42
12) 1,1-Dichloroethene	2.063	96	4062	0.926	ug/L #	1
14) Carbon disulfide	2.236	76	11402	0.856	ug/L #	88
48) 2-Hexanone	8.024	43	22363	5.745	ug/L #	71
70) 1,2,4-trichlorobenzene	13.201	180	5564	0.926	ug/L	96
71) Naphthalene	13.442	128	41195	2.374	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	5764	0.973	ug/L	92

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



#10

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

Concen: 0.842 ug/L

RT: 2.060 min Scan# 319

Delta R.T. -0.007 min

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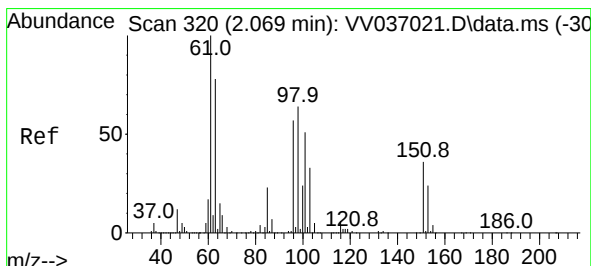
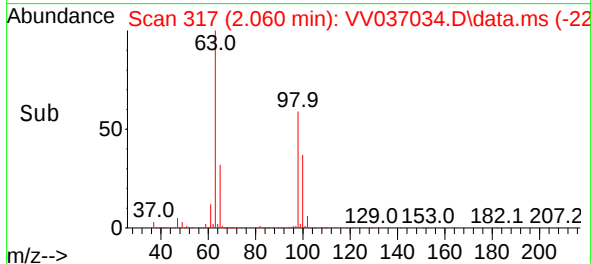
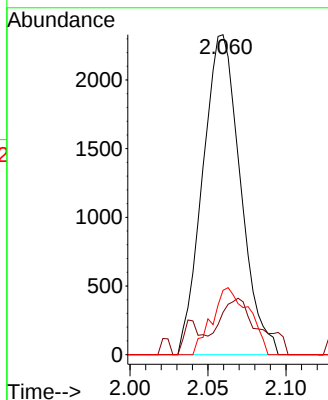
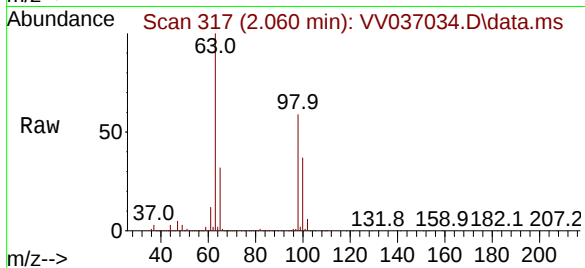
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MSVOA_V

ClientSampleId :

Tgt Ion:101	Resp:	3921
Ion Ratio	Lower	Upper
101	100	
85	8.6	35.6 53.4#
151	20.4	55.0 82.4#



#12

1,1-Dichloroethene

Concen: 0.926 ug/L

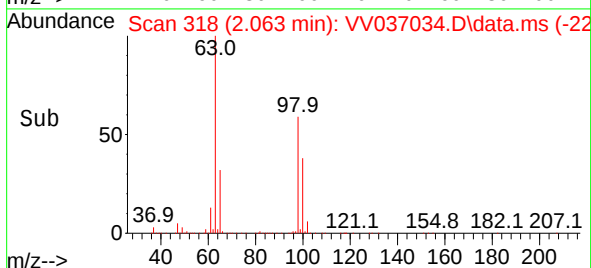
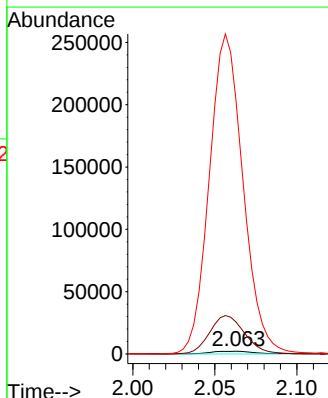
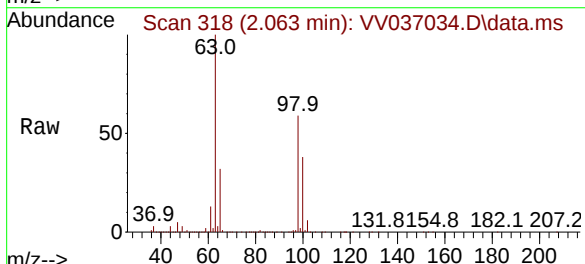
RT: 2.063 min Scan# 318

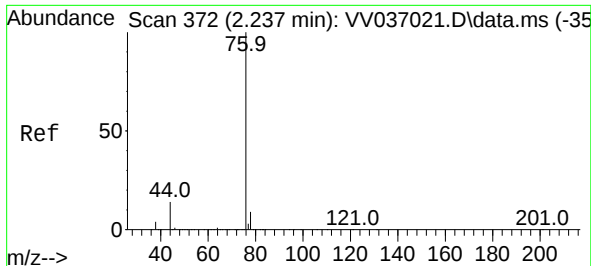
Delta R.T. -0.007 min

Lab File: VV037034.D

Acq: 26 Aug 2024 17:45

Tgt Ion: 96	Resp:	4062
Ion Ratio	Lower	Upper
96	100	
61	1173.0	123.8 229.8#
63	9307.8	96.5 179.1#

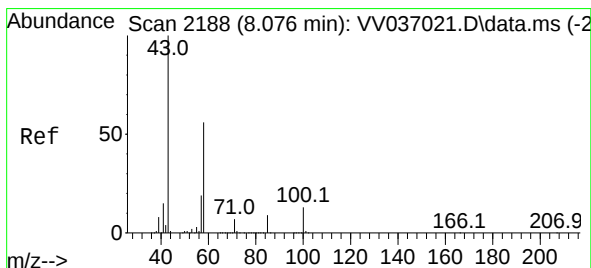
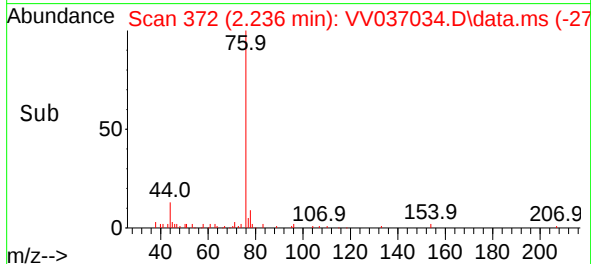
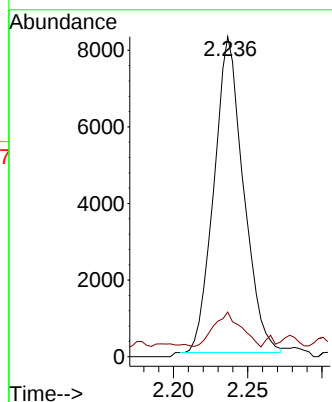
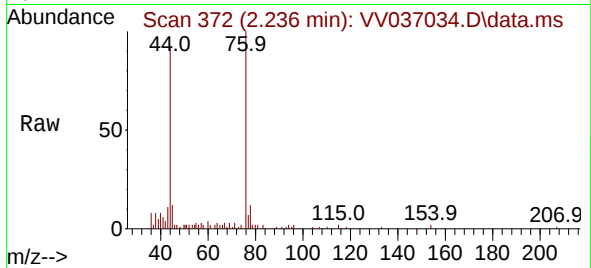




#14
Carbon disulfide
Concen: 0.856 ug/L
RT: 2.236 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV037034.D
Acq: 26 Aug 2024 17:45

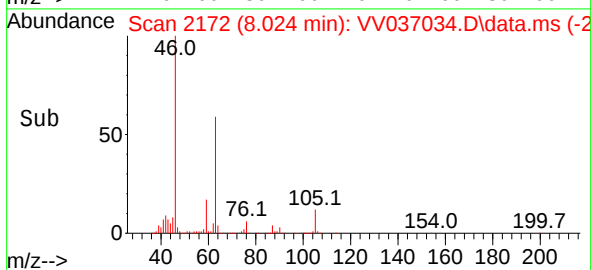
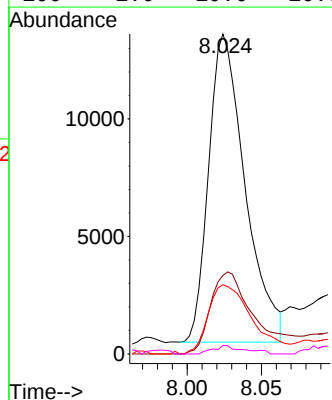
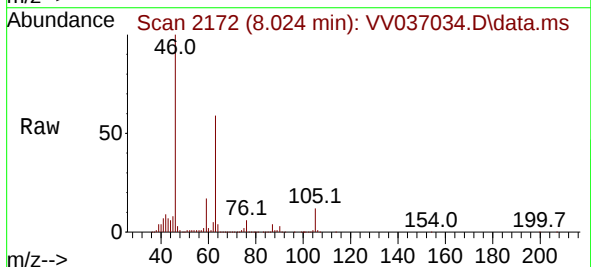
Instrument :
MSVOA_V
ClientSampleId :

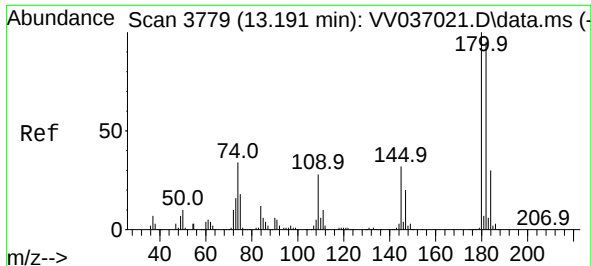
Tgt Ion: 76 Resp: 11402
Ion Ratio Lower Upper
76 100
78 13.9 7.5 11.3#



#48
2-Hexanone
Concen: 5.745 ug/L
RT: 8.024 min Scan# 2172
Delta R.T. -0.052 min
Lab File: VV037034.D
Acq: 26 Aug 2024 17:45

Tgt Ion: 43 Resp: 22363
Ion Ratio Lower Upper
43 100
58 32.7 46.0 69.0#
57 27.2 15.6 23.4#
100 1.0 10.6 16.0#





#70

1,2,4-trichlorobenzene

Concen: 0.926 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV037034.D

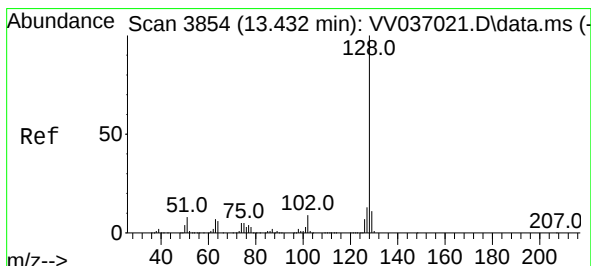
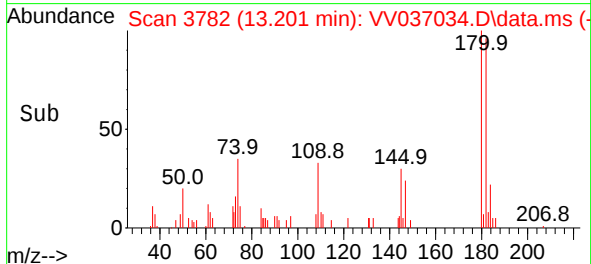
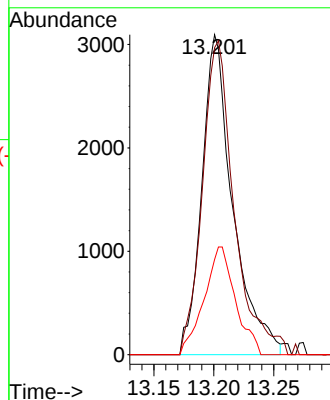
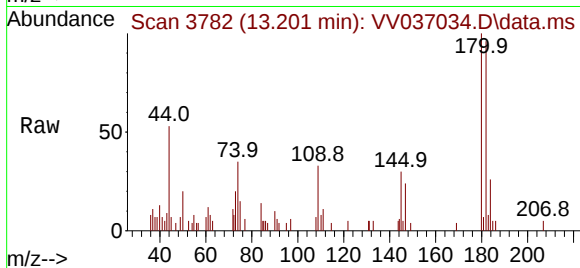
Acq: 26 Aug 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180	Resp:	5564
Ion Ratio	Lower	Upper
180	100	
182	99.0	75.7 113.5
145	33.9	26.0 39.0



#71

Naphthalene

Concen: 2.374 ug/L

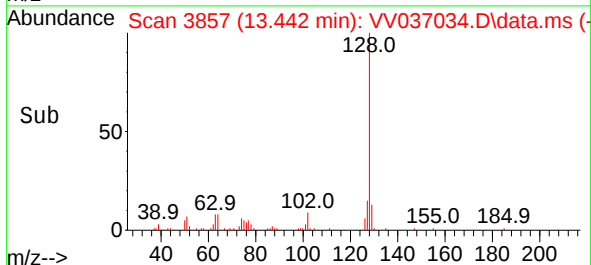
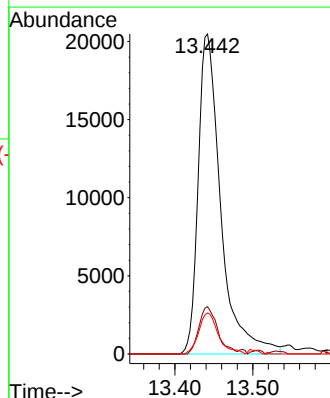
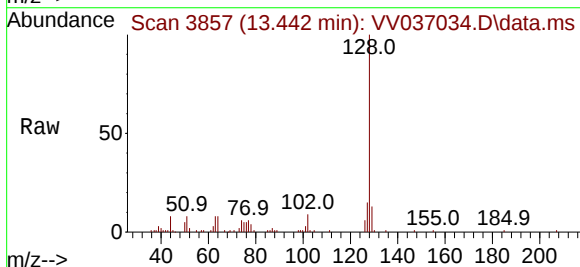
RT: 13.442 min Scan# 3857

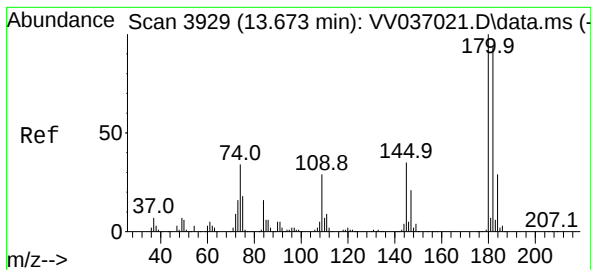
Delta R.T. 0.010 min

Lab File: VV037034.D

Acq: 26 Aug 2024 17:45

Tgt Ion:128	Resp:	41195
Ion Ratio	Lower	Upper
128	100	
127	12.2	10.2 15.2
129	11.1	8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 0.973 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.006 min

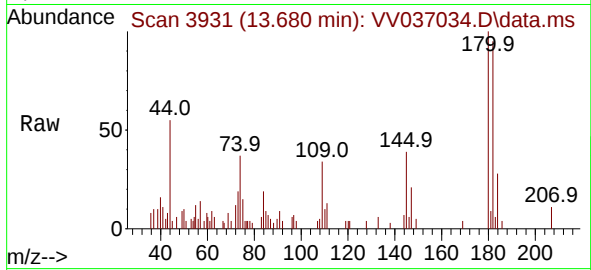
Lab File: VV037034.D

Acq: 26 Aug 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 5764

Ion Ratio Lower Upper

180 100

182 101.7 75.1 112.7

145 29.7 27.0 40.4

