

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036327.D
 Acq On : 27 Jun 2024 23:52
 Operator : SY/MD
 Sample : P3010-21
 Misc : 5.91g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

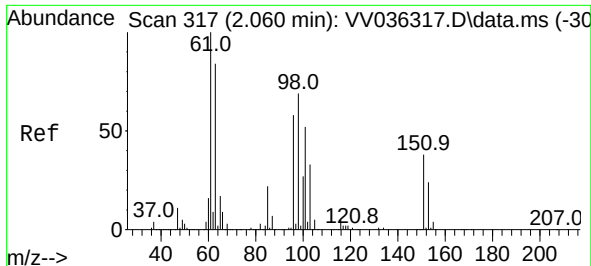
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 05:08:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 04:20:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	255213	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	141558	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	26008	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	151264	34.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	139.600%
7) Chloroethane-d5	1.526	69	143469	41.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	165.760%#
11) 1,1-Dichloroethene-d2	2.050	65	69240	33.982	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	135.920%#
21) 2-Butanone-d5	4.063	46	150	0.149	ug/L	0.23
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.300%#
24) Chloroform-d	4.243	84	304885	40.472	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	161.880%#
26) 1,2-Dichloroethane-d4	4.937	65	159139	39.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	158.440%#
32) Benzene-d6	4.953	84	578882	72.442	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	289.760%#
36) 1,2-Dichloropropane-d6	5.982	67	184800	76.884	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	307.520%#
41) Toluene-d8	7.240	98	441835	61.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	245.280%#
43) trans-1,3-Dichloroprop...	7.555	79	42939	40.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	160.000%#
47) 2-Hexanone-d5	8.040	63	13904	36.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.480%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	97476	49.473	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	197.880%#
66) 1,2-Dichlorobenzene-d4	11.558	152	70659	74.553	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	298.200%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	2000	0.440	ug/L #	21
16) Methylene chloride	2.442	84	46997	9.354	ug/L	96
22) 2-Butanone	3.908	43	1153	1.006	ug/L #	49
25) Chloroform	4.272	83	8551	1.130	ug/L	95
27) 1,2-Dichloroethane	4.953	62	3150	0.643	ug/L	100
35) Methylcyclohexane	5.986	83	44860	12.166	ug/L #	22
39) cis-1,3-Dichloropropene	6.915	75	2808	0.853	ug/L #	63
61) 1,2,3-Trichloropropane	11.188	75	2912	4.961	ug/L #	64

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



#10

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

Concen: 0.440 ug/L

RT: 2.050 min Scan# 317

Delta R.T. -0.010 min

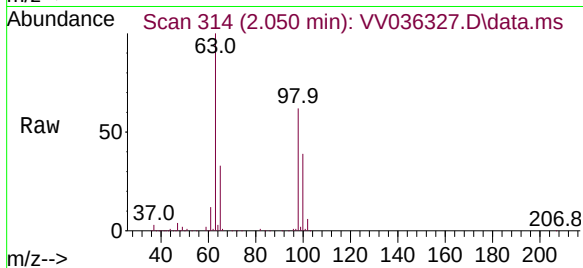
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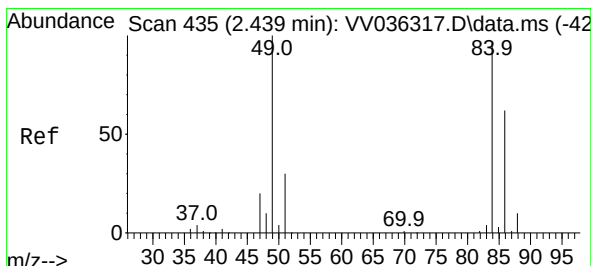
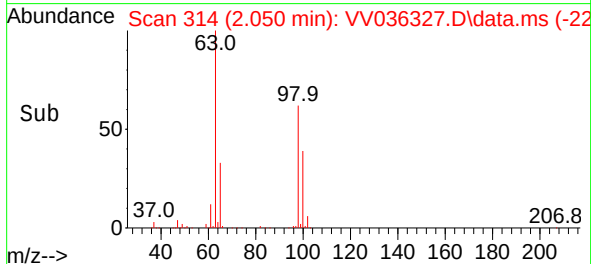
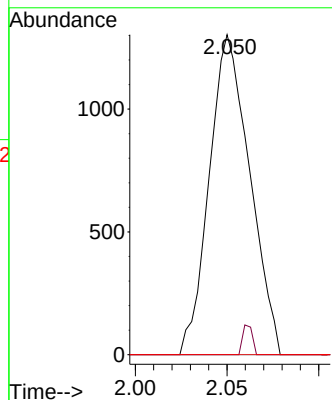
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	101	Resp:	2000
Ion Ratio	Lower	Upper	
101	100		
85	2.3	34.6	51.8#
151	0.0	58.9	88.3#



#16

Methylene chloride

Concen: 9.354 ug/L

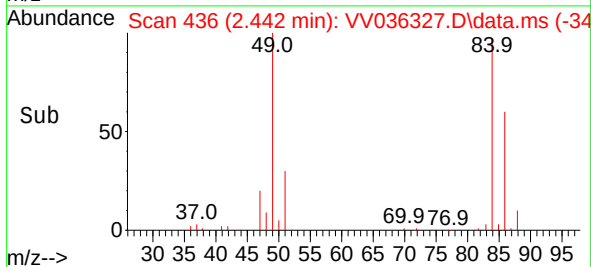
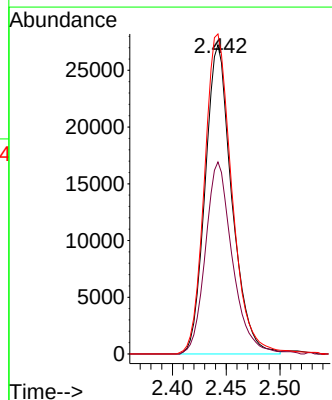
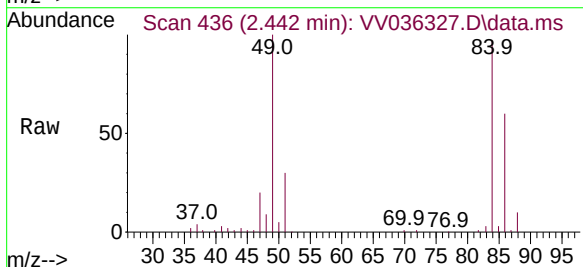
RT: 2.442 min Scan# 436

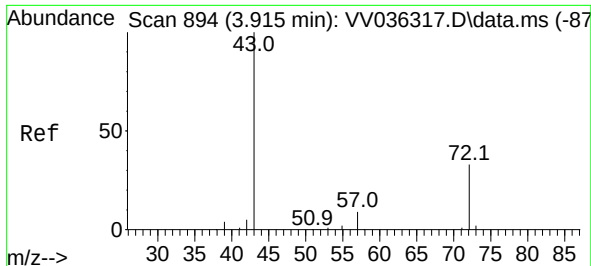
Delta R.T. 0.003 min

Lab File: VV036327.D

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Tgt Ion:	84	Resp:	46997
Ion Ratio	Lower	Upper	
84	100		
86	62.1	45.6	84.8
49	103.5	75.7	140.5





#22

2-Butanone

Concen: 1.006 ug/L

RT: 3.908 min Scan# 894

Delta R.T. -0.006 min

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Instrument :

MSVOA_V

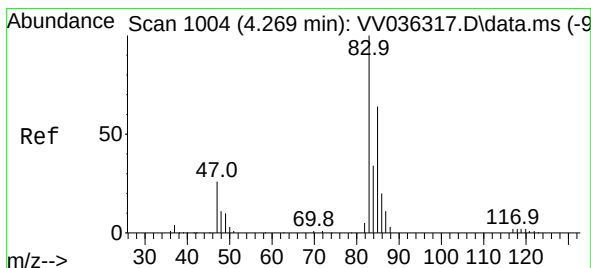
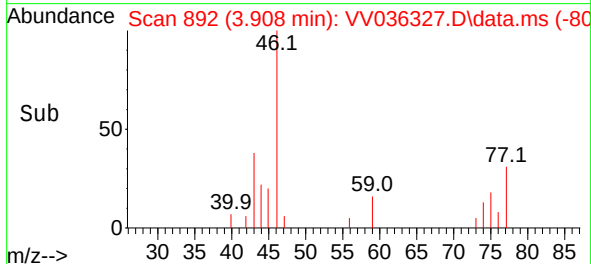
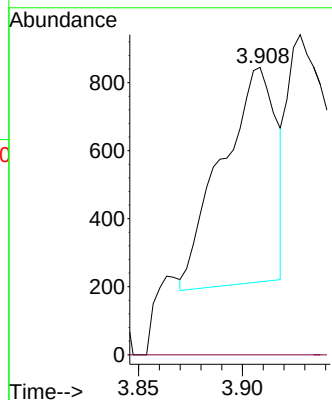
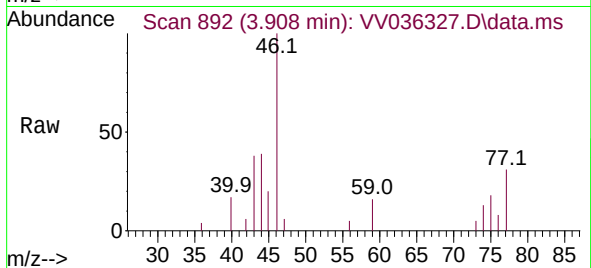
ClientSampleId :

Tgt Ion: 43 Resp: 1153

Ion Ratio Lower Upper

43 100

72 0.0 12.9 38.7#



#25

Chloroform

Concen: 1.130 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV036327.D

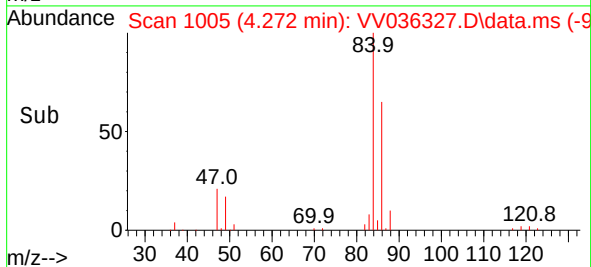
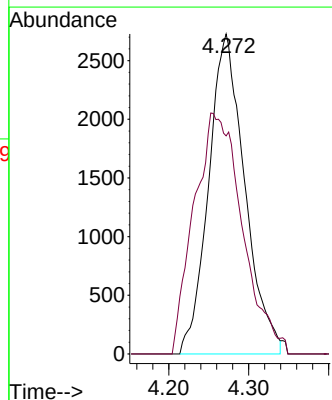
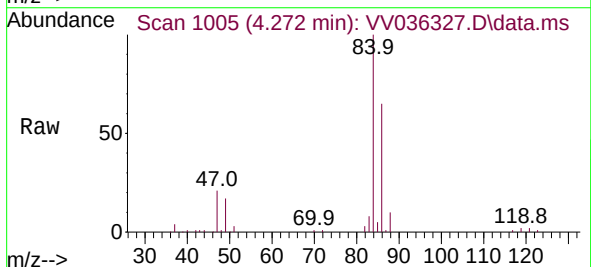
Acq: 27 Jun 2024 23:52

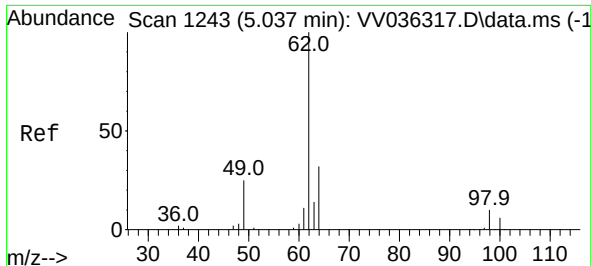
Tgt Ion: 83 Resp: 8551

Ion Ratio Lower Upper

83 100

85 68.2 45.0 83.6

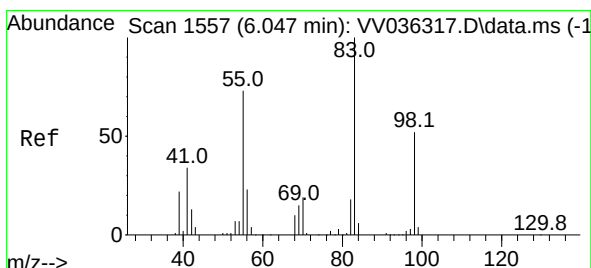
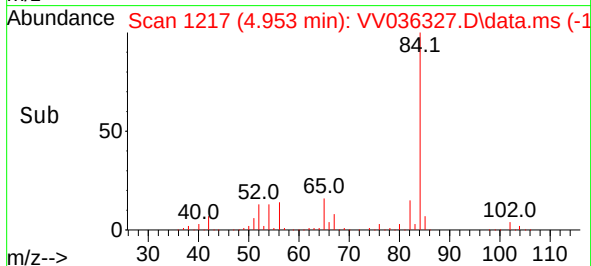
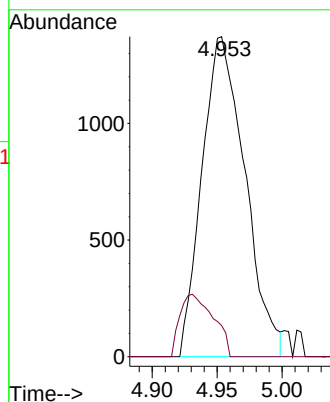
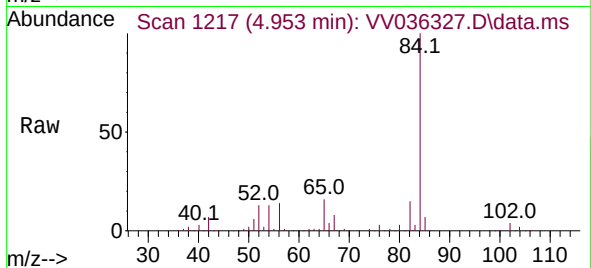




#27
1,2-Dichloroethane
Concen: 0.643 ug/L
RT: 4.953 min Scan# 1538
Delta R.T. -0.084 min
Lab File: VV036327.D
Acq: 27 Jun 2024 23:52

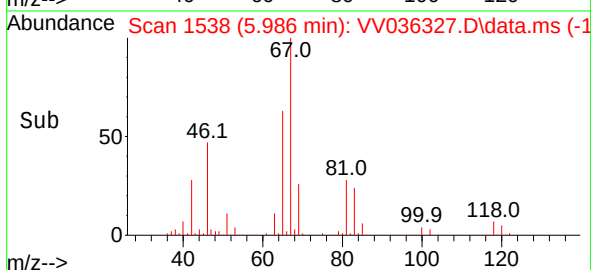
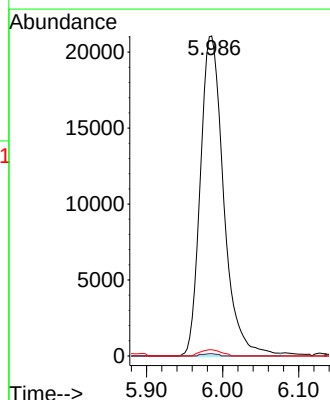
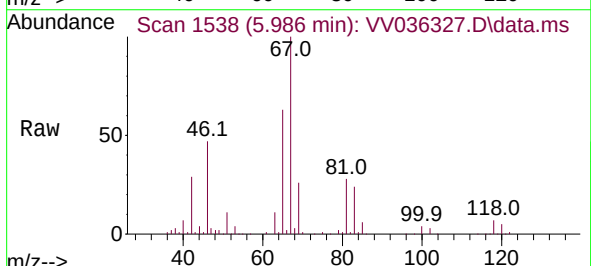
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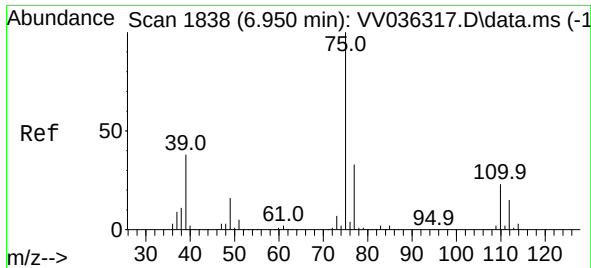
Tgt Ion: 62 Resp: 3150
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.8



#35
Methylcyclohexane
Concen: 12.166 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.061 min
Lab File: VV036327.D
Acq: 27 Jun 2024 23:52

Tgt Ion: 83 Resp: 44860
Ion Ratio Lower Upper
83 100
55 0.3 56.0 84.0#
98 1.7 39.0 58.6#

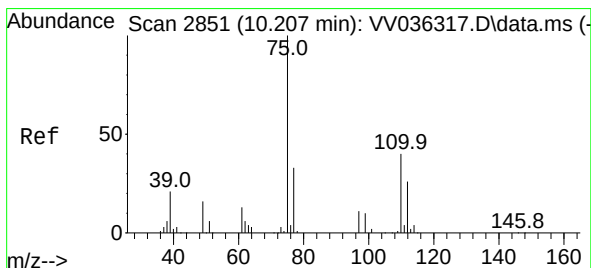
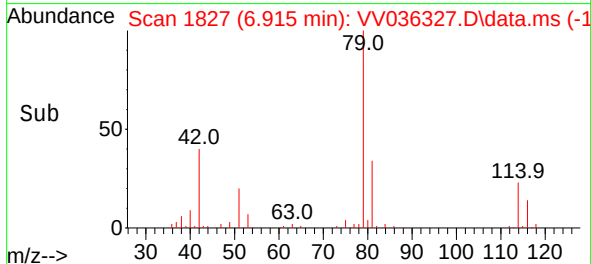
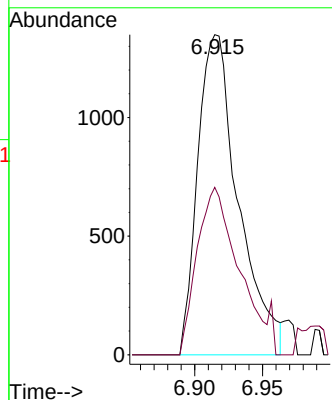
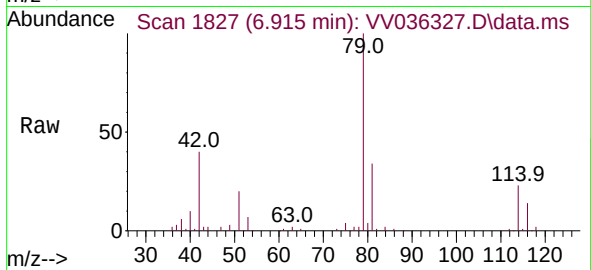




#39
cis-1,3-Dichloropropene
Concen: 0.853 ug/L
RT: 6.915 min Scan# 11
Delta R.T. -0.035 min
Lab File: VV036327.D
Acq: 27 Jun 2024 23:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2808
Ion Ratio Lower Upper
75 100
77 52.3 22.3 41.5#



#61
1,2,3-Trichloropropane
Concen: 4.961 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.981 min
Lab File: VV036327.D
Acq: 27 Jun 2024 23:52

Tgt Ion: 75 Resp: 2912
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
110 0.0 31.7 47.5#

