

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062524\
 Data File : VW036278.D
 Acq On : 25 Jun 2024 18:19
 Operator : SY/MD
 Sample : P3010-16
 Misc : 5.98g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 26 04:24:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 26 04:03:41 2024
 Response via : Initial Calibration

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

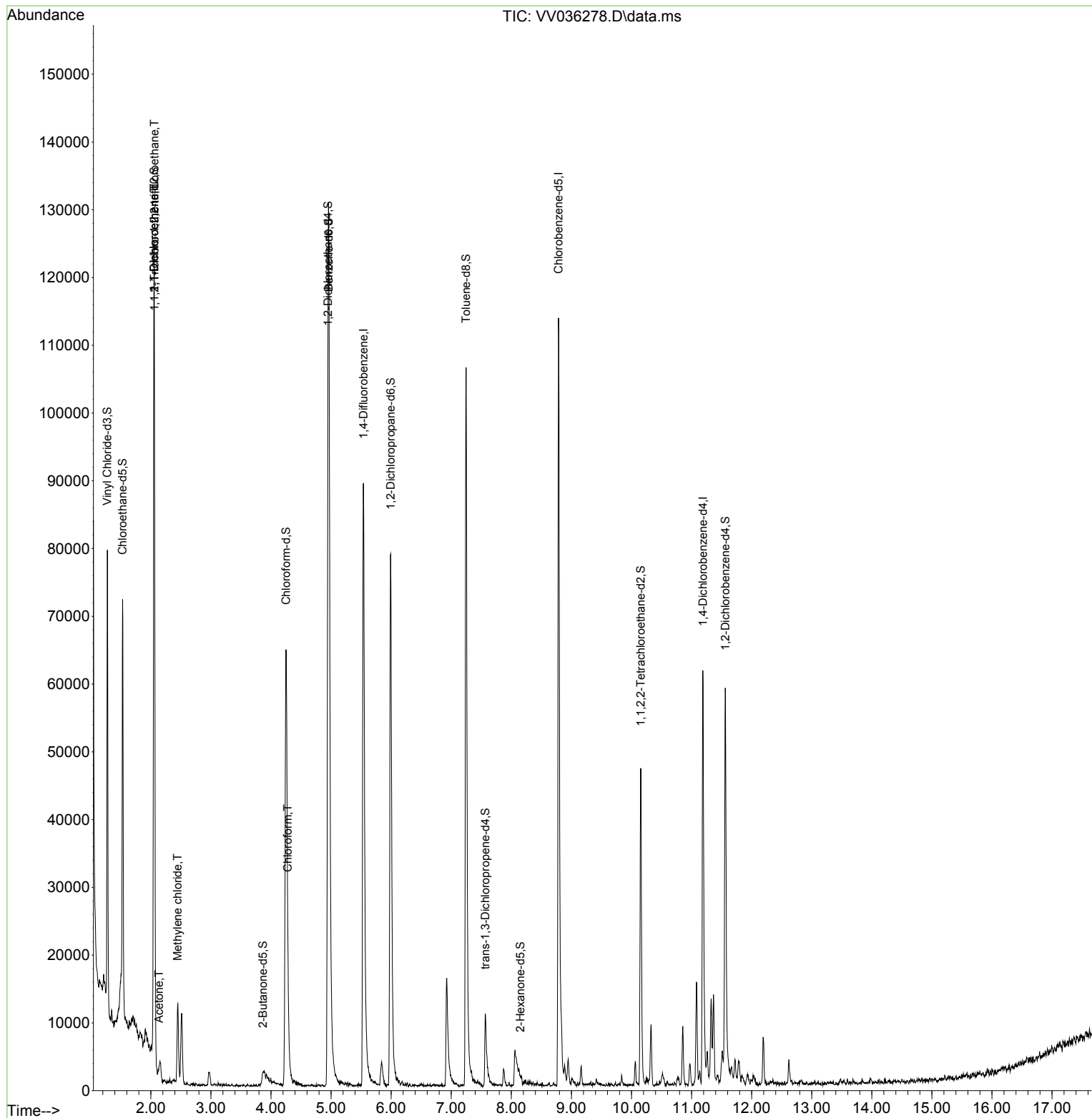
Internal Standards							
1) 1,4-Difluorobenzene		5.539	114	82528	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.786	117	67438	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.188	152	17527	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.275	65	42770	28.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.760%	
7) Chloroethane-d5		1.529	69	39300	32.484	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.920%	
11) 1,1-Dichloroethene-d2		2.053	65	20725	30.683	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	122.720%#	
21) 2-Butanone-d5		3.863	46	1620	4.654	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	9.300%#	
24) Chloroform-d		4.249	84	72496	27.631	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.520%	
26) 1,2-Dichloroethane-d4		4.947	65	37718	27.418	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.680%	
32) Benzene-d6		4.960	84	117841	29.397	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.600%	
36) 1,2-Dichloropropane-d6		5.992	67	39359	31.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.720%#	
41) Toluene-d8		7.246	98	77548	21.925	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.680%	
43) trans-1,3-Dichloroprop...		7.567	79	7610	14.702	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.800%	
47) 2-Hexanone-d5		8.149	63	29	0.170	ug/L	0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.340%#	
56) 1,1,2,2-Tetrachloroeth...		10.152	84	24489	25.960	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.840%	
66) 1,2-Dichlorobenzene-d4		11.564	152	14494	22.550	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.200%	
Target Compounds							
						Qvalue	
10) 1,1,2-Trichloro-1,2,2-...		2.060	101	633	0.447	ug/L #	27
12) 1,1-Dichloroethene		2.053	96	771	0.583	ug/L #	1
13) Acetone		2.134	43	1304	2.405	ug/L	94
16) Methylene chloride		2.445	84	5227	2.799	ug/L	95
25) Chloroform		4.278	83	1364	0.496	ug/L	81

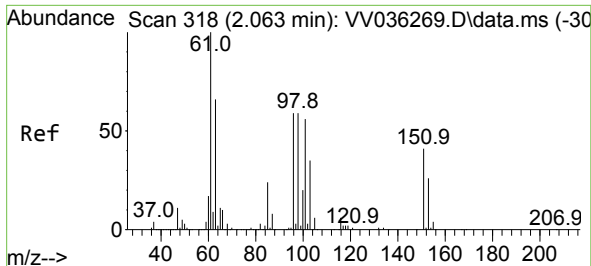
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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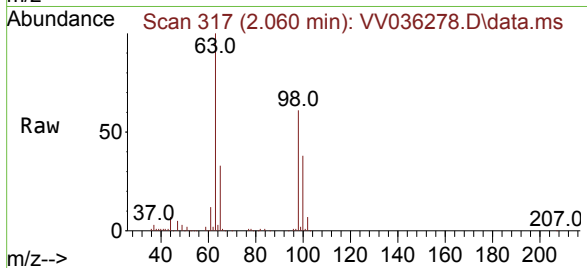
Quant Time: Jun 26 04:24:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
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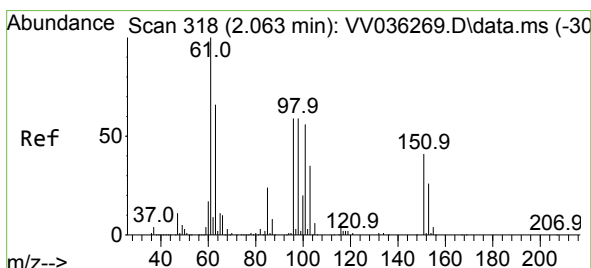
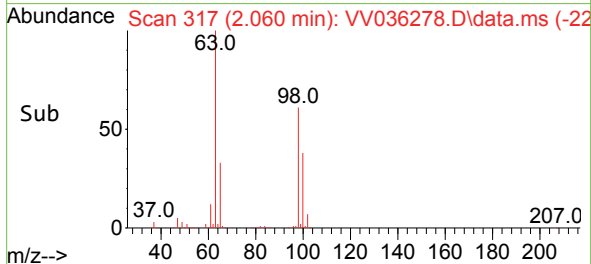
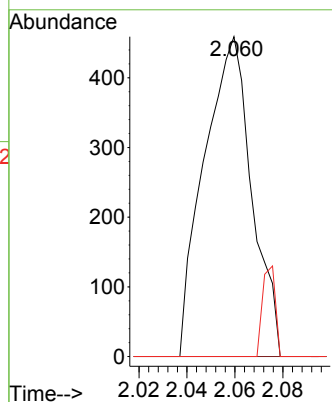


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.447 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV036278.D
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 MSVOA_V
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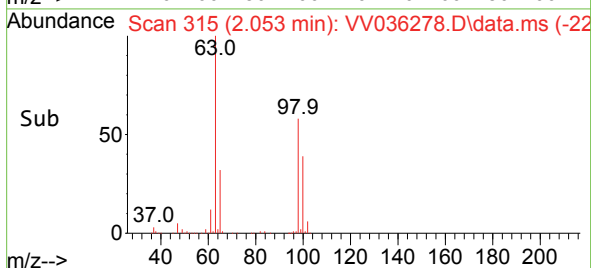
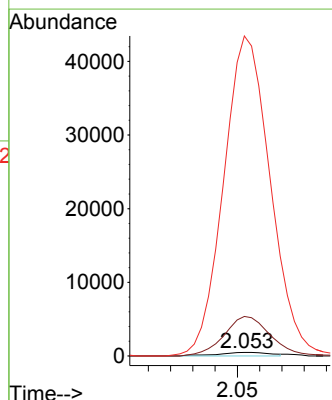
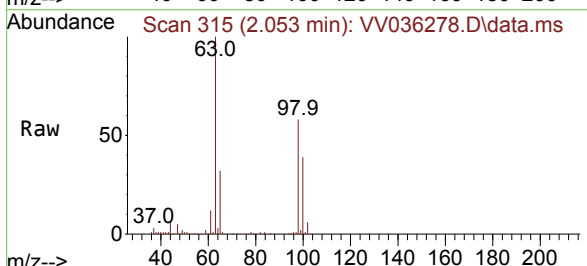


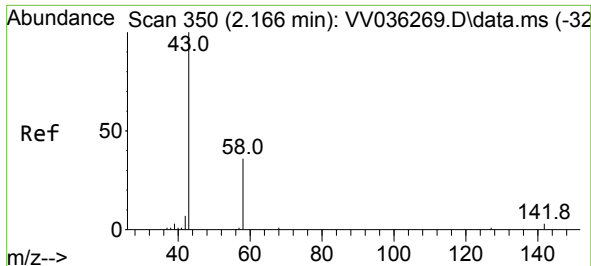
Tgt Ion:101 Resp: 633
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.5 51.7#
 151 7.6 56.3 84.5#



#12
 1,1-Dichloroethene
 Concen: 0.583 ug/L
 RT: 2.053 min Scan# 315
 Delta R.T. -0.010 min
 Lab File: VV036278.D
 Acq: 25 Jun 2024 18:19

Tgt Ion: 96 Resp: 771
 Ion Ratio Lower Upper
 96 100
 61 1140.6 127.3 236.3#
 63 9246.0 93.7 173.9#





#13

Acetone

Concen: 2.405 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.032 min

Lab File: VV036278.D

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Instrument :

MSVOA_V

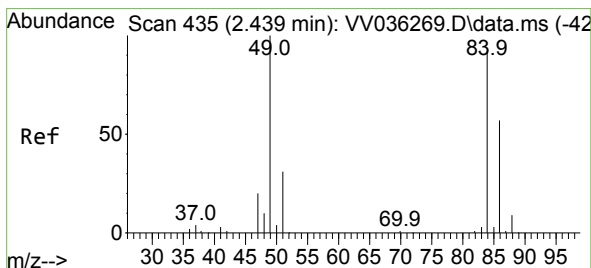
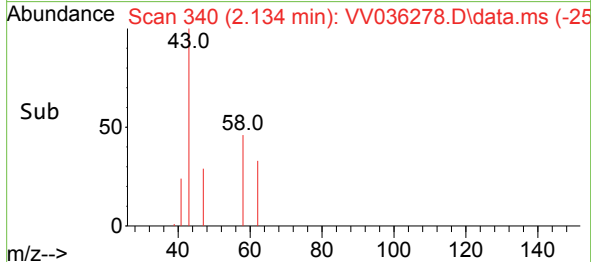
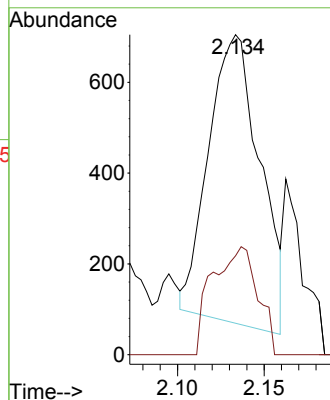
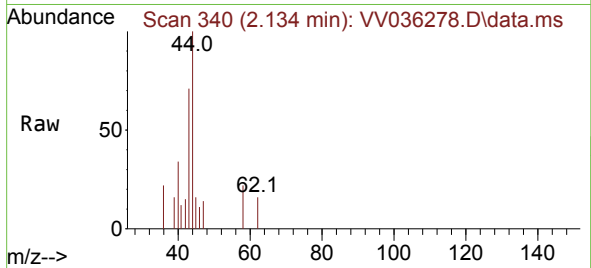
ClientSampleId :

Tgt Ion: 43 Resp: 1304

Ion Ratio Lower Upper

43 100

58 9.8 0.0 24.2



#16

Methylene chloride

Concen: 2.799 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.006 min

Lab File: VV036278.D

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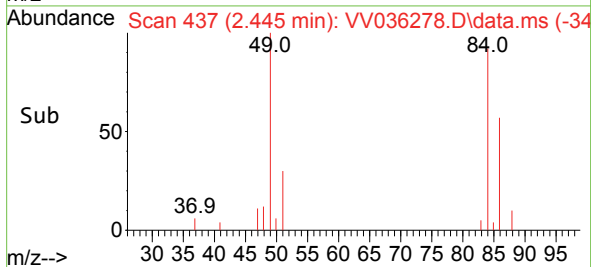
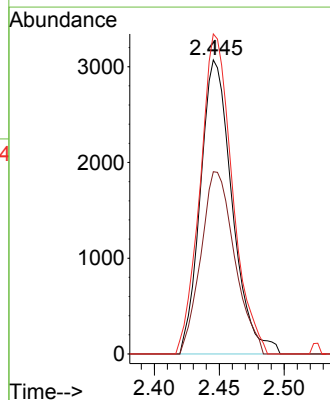
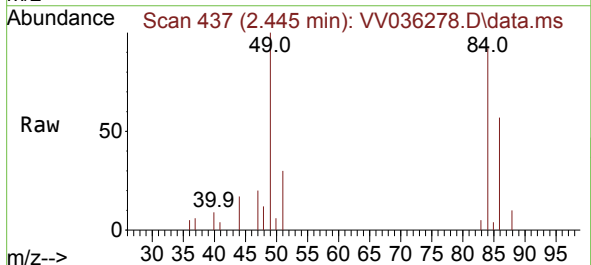
Tgt Ion: 84 Resp: 5227

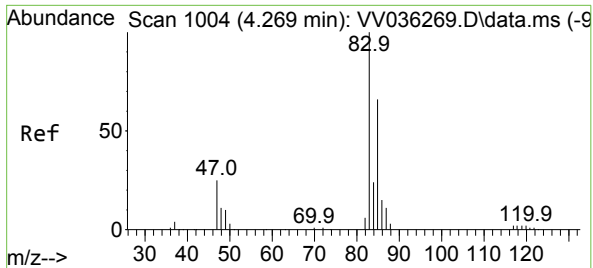
Ion Ratio Lower Upper

84 100

86 62.0 44.6 82.8

49 108.8 81.1 150.5





#25

Chloroform

Concen: 0.496 ug/L

RT: 4.278 min Scan# 10

Delta R.T. 0.010 min

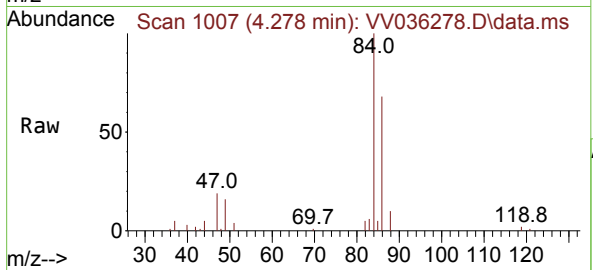
Lab File: VV036278.D

Acq: 25 Jun 2024 18:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 83 Resp: 1364

Ion Ratio Lower Upper

83 100

85 79.3 45.2 84.0

