

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036699.D
 Acq On : 25 Jul 2024 11:59
 Operator : SY/MD
 Sample : P3276-17
 Misc : 9.54g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20J6

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 05:00:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	315935	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	235907	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	56153	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	51264	14.815	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.280%
7) Chloroethane-d5	1.526	69	59949	19.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.720%
11) 1,1-Dichloroethene-d2	2.047	65	26293	14.371	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.480%
21) 2-Butanone-d5	3.834	46	52778	65.356	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.720%
24) Chloroform-d	4.239	84	190989	22.857	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.440%
26) 1,2-Dichloroethane-d4	4.937	65	103235	25.044	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.160%
32) Benzene-d6	4.953	84	253862	22.705	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.840%
36) 1,2-Dichloropropane-d6	5.982	67	96175	30.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.760%#
41) Toluene-d8	7.239	98	173256	16.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.960%
43) trans-1,3-Dichloroprop...	7.558	79	27971	19.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.000%
47) 2-Hexanone-d5	8.030	63	32194	75.935	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.860%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	117889	42.458	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	169.840%#
66) 1,2-Dichlorobenzene-d4	11.557	152	62402	31.834	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	127.320%#
Target Compounds						
13) Acetone	2.159	43	5230m	3.987	ug/L	
14) Carbon disulfide	2.230	76	8775	0.649	ug/L #	94
25) Chloroform	4.268	83	4781	0.513	ug/L	87
34) Trichloroethene	5.831	95	57838	13.192	ug/L	95
70) 1,2,4-trichlorobenzene	13.213	180	1206	0.490	ug/L #	15

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

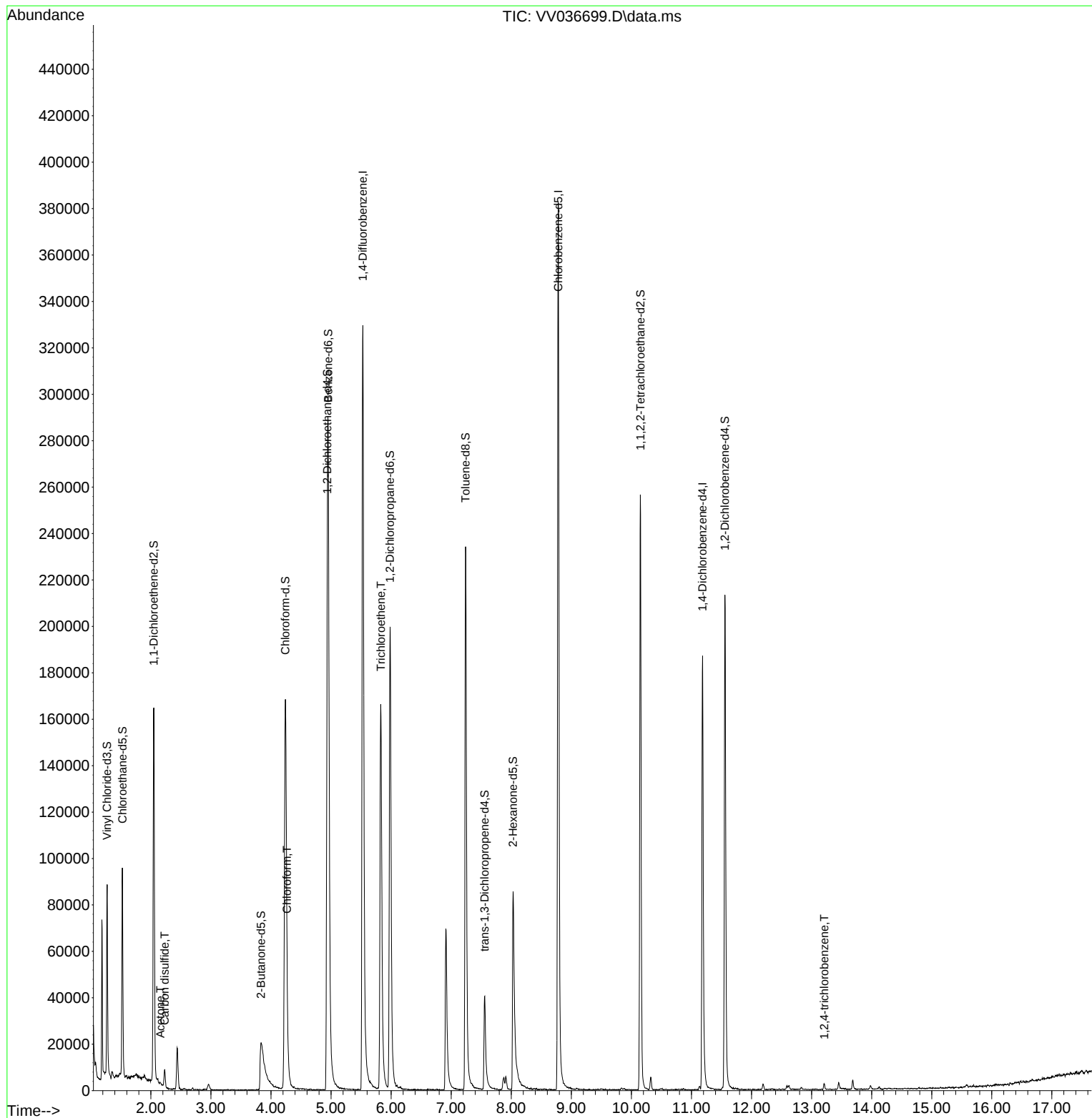
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
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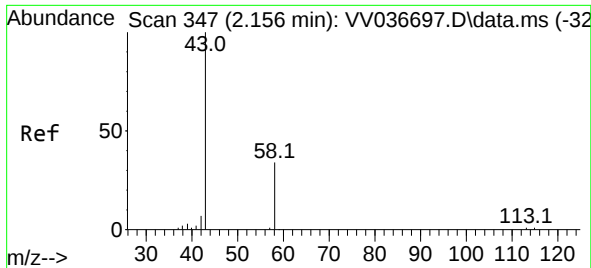
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#13

Acetone

Concen: 3.987 ug/L m

RT: 2.159 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV036699.D

Acq: 25 Jul 2024 11:59

Instrument :

MSVOA_V

ClientSampleId :

E20J6

Tgt Ion: 43 Resp: 5230

Ion Ratio Lower Upper

43 100

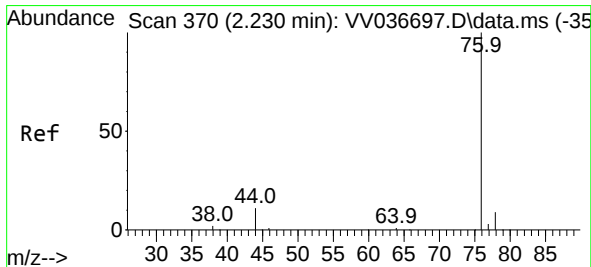
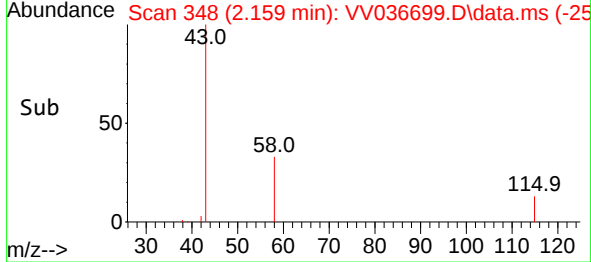
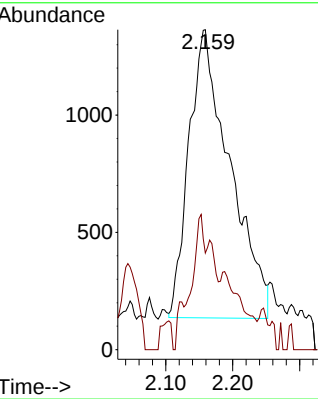
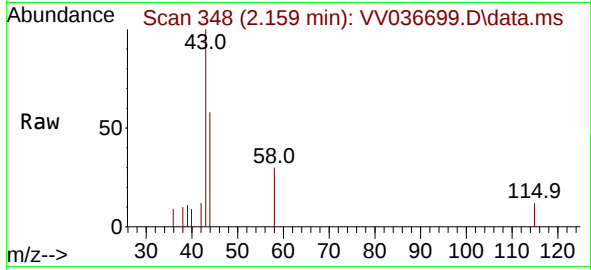
58 8.3 0.0 23.0

Manual Integrations

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#14

Carbon disulfide

Concen: 0.649 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.000 min

Lab File: VV036699.D

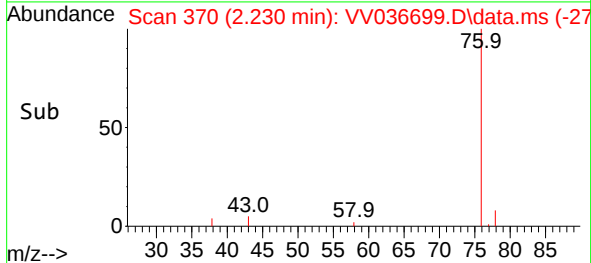
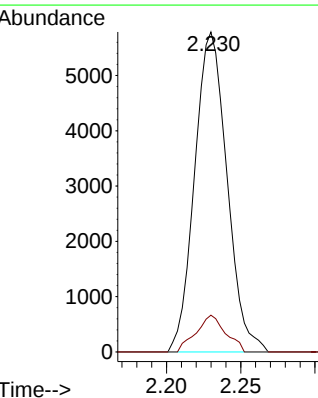
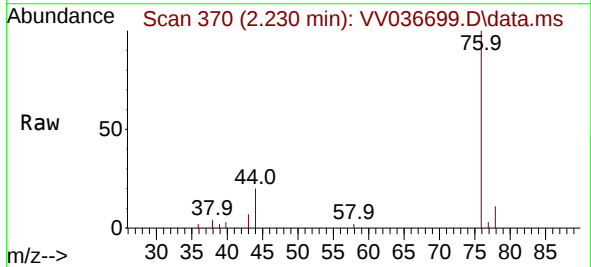
Acq: 25 Jul 2024 11:59

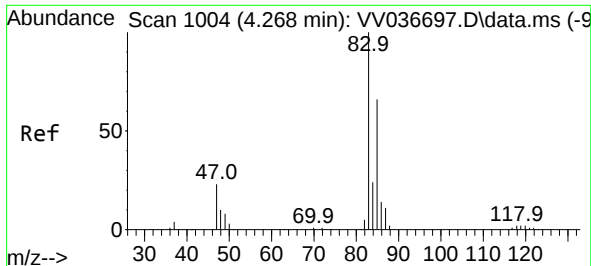
Tgt Ion: 76 Resp: 8775

Ion Ratio Lower Upper

76 100

78 11.5 7.5 11.3#





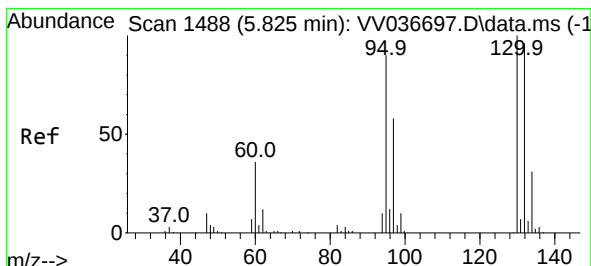
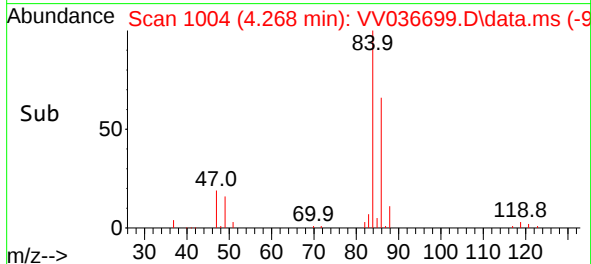
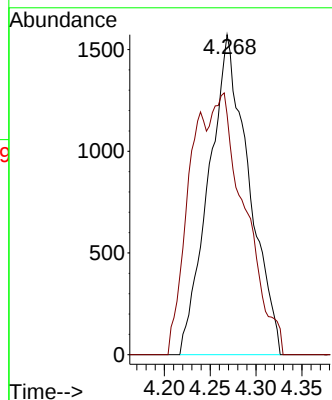
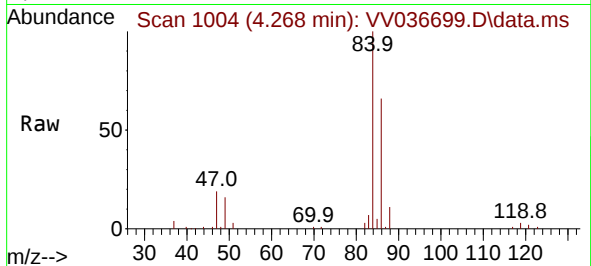
#25
Chloroform
Concen: 0.513 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV036699.D
Acq: 25 Jul 2024 11:59

Instrument :
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Tgt Ion: 83 Resp: 478
Ion Ratio Lower Upper
83 100
85 75.1 45.6 84.6

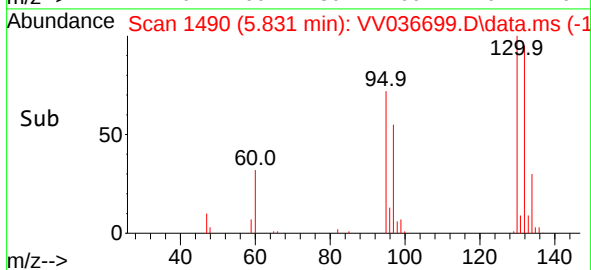
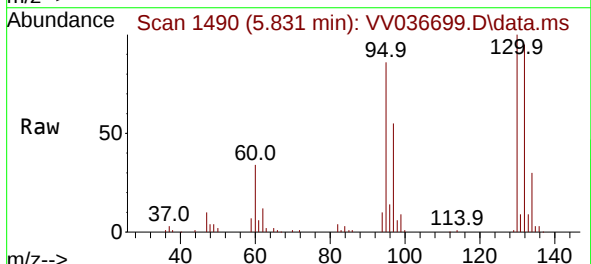
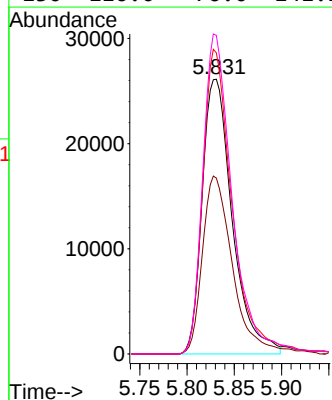
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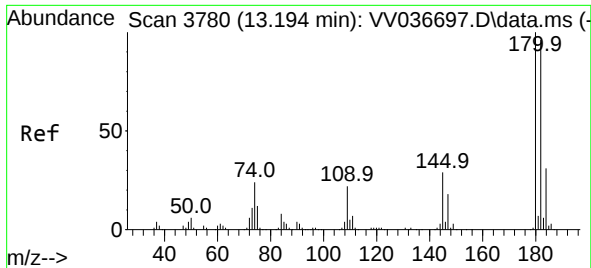
Reviewed By :Romaben Patel 07/26/2024
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#34
Trichloroethene
Concen: 13.192 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV036699.D
Acq: 25 Jul 2024 11:59

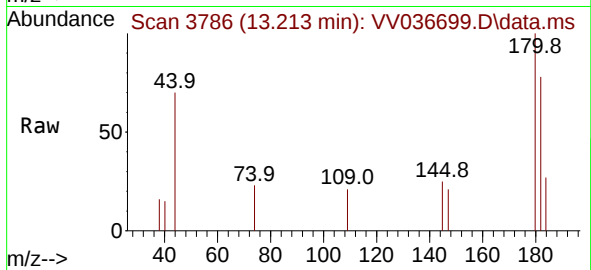
Tgt Ion: 95 Resp: 57838
Ion Ratio Lower Upper
95 100
97 64.0 45.1 83.7
132 109.6 72.7 134.9
130 116.0 76.0 141.2





#70
1,2,4-trichlorobenzene
Concen: 0.490 ug/L
RT: 13.213 min Scan# 31
Delta R.T. 0.019 min
Lab File: VV036699.D
Acq: 25 Jul 2024 11:59

Instrument :
MSVOA_V
ClientSampleId :
E20J6



Tgt Ion:180 Resp: 1200
Ion Ratio Lower Upper
180 100
182 0.0 76.2 114.2
145 6.1 23.0 34.6

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