

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101123\
 Data File : VU055749.D
 Acq On : 11 Oct 2023 15:46
 Operator : MD/SY
 Sample : 04792-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B5

Quant Time: Oct 12 01:57:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 12 01:53:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 10/12/2023
 Supervised By :Mahesh
 Dadoda
 10/12/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	424326	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	439563	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	215969	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	153443	40.316	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.640%		
7) Chloroethane-d5	1.879	69	129070	41.486	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.980%		
11) 1,1-Dichloroethene-d2	2.557	63	218856	32.249	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.500%		
21) 2-Butanone-d5	4.615	46	259042	91.852	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.850%		
24) Chloroform-d	5.055	84	320226	43.888	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.780%		
26) 1,2-Dichloroethane-d4	5.695	65	214832	47.835	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.660%		
32) Benzene-d6	5.721	84	635861	45.212	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.420%		
36) 1,2-Dichloropropane-d6	6.685	67	200518	45.036	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.080%		
41) Toluene-d8	7.894	98	553990	43.623	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.240%		
43) trans-1,3-Dichloroprop...	8.177	79	94613	44.237	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.480%		
47) 2-Hexanone-d5	8.634	63	196384	112.197	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.200%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	355176	51.825	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.660%		
66) 1,2-Dichlorobenzene-d4	12.190	152	221387	51.656	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.320%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.660	96	131882	37.565	ug/L	96
25) Chloroform	5.078	83	10591m	1.607	ug/L	
31) Carbon tetrachloride	5.518	117	7799	1.569	ug/L	96
34) Trichloroethene	6.538	95	116197	30.563	ug/L	99
46) Tetrachloroethene	8.554	164	8486640	3117.744	ug/L	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101123\
Data File : VU055749.D
Acq On : 11 Oct 2023 15:46
Operator : MD/SY
Sample : 04792-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY1B5

Quant Time: Oct 12 01:57:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 12 01:53:31 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John

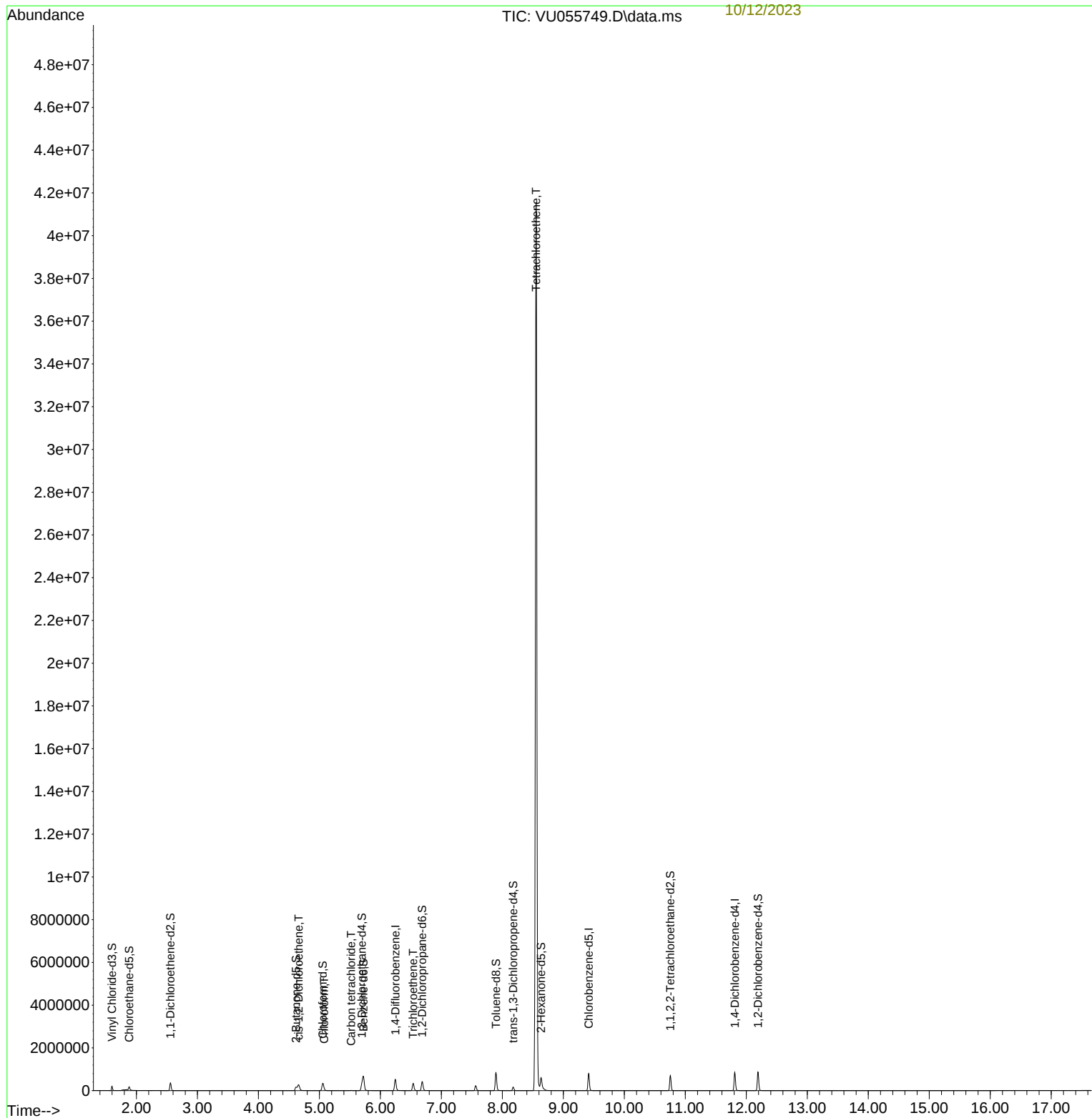
Carlone

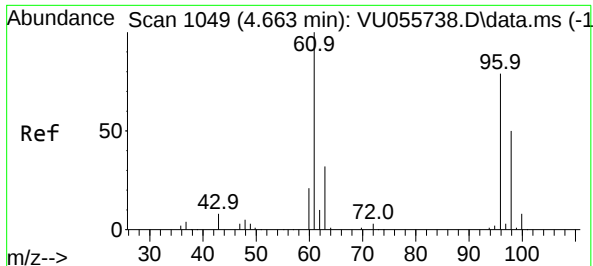
10/12/2023

Supervised By :Mahesh

Dadoda

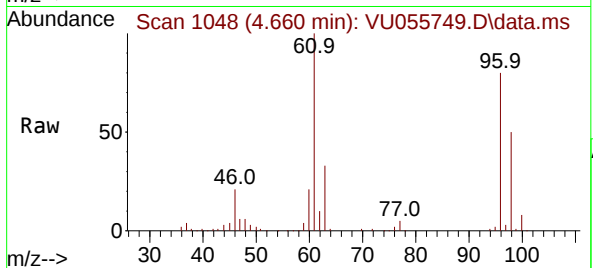
10/12/2023





#20
cis-1,2-Dichloroethene
Concen: 37.565 ug/L
RT: 4.660 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU055749.D
Acq: 11 Oct 2023 15:46

Instrument :
MSVOA_U
ClientSampleId :
EY1B5

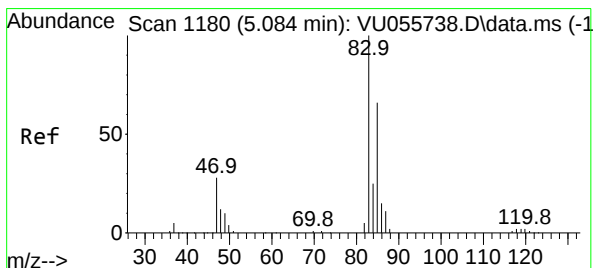
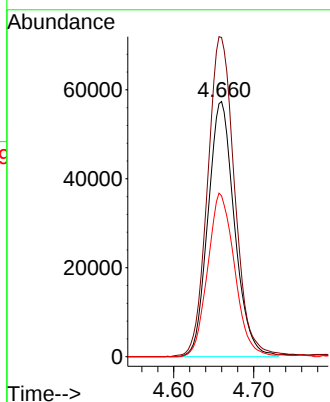
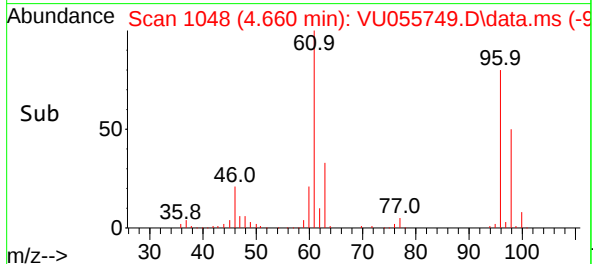


Tgt Ion: 96 Resp: 13188
Ion Ratio Lower Upper
96 100
61 125.0 92.3 171.5
98 63.0 43.9 81.5

Manual Integrations
APPROVED

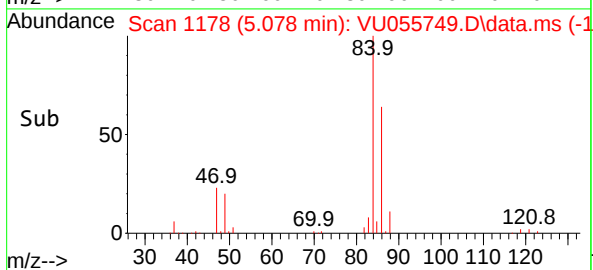
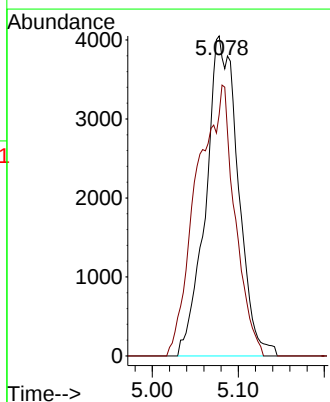
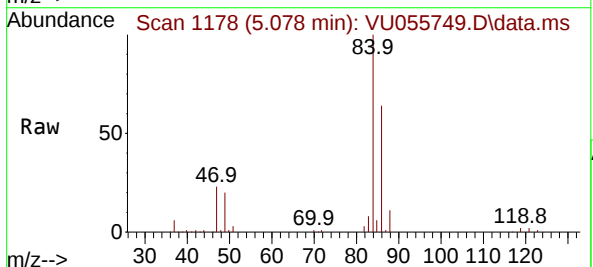
Reviewed By :John
Carlone
10/12/2023

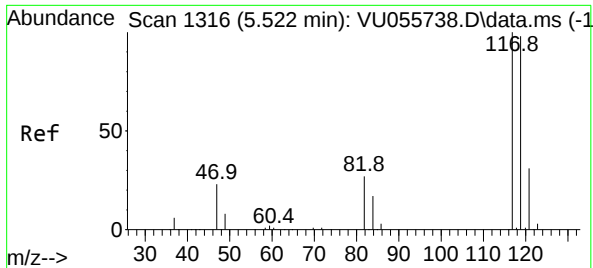
Supervised By :Mahesh
Dadoda
10/12/2023



#25
Chloroform
Concen: 1.607 ug/L m
RT: 5.078 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VU055749.D
Acq: 11 Oct 2023 15:46

Tgt Ion: 83 Resp: 10591
Ion Ratio Lower Upper
83 100
85 75.5 46.3 86.1





#31
Carbon tetrachloride
Concen: 1.569 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU055749.D
Acq: 11 Oct 2023 15:46

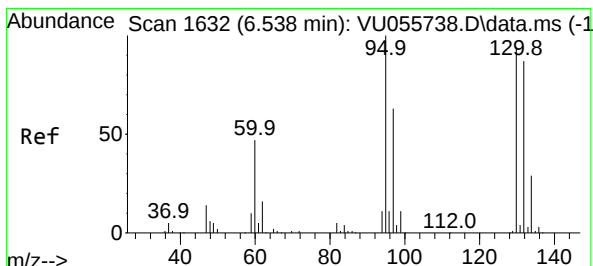
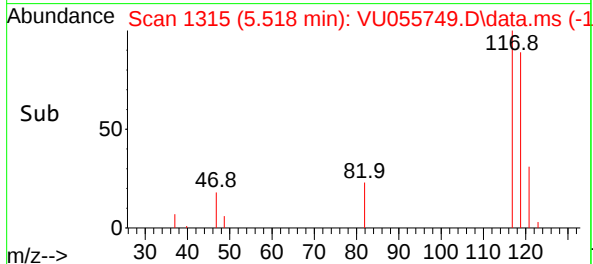
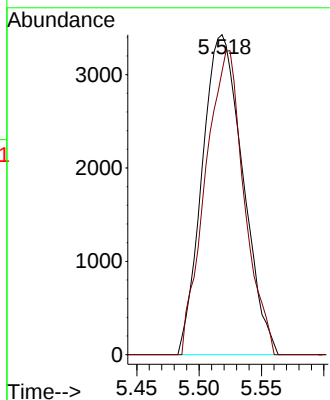
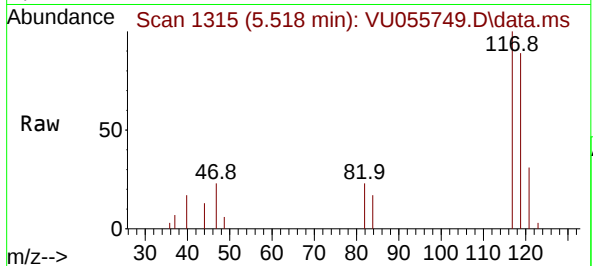
Instrument :
MSVOA_U
ClientSampleId :
EY1B5

Tgt Ion:117 Resp: 779
Ion Ratio Lower Upper
117 100
119 90.5 75.4 113.0

Manual Integrations
APPROVED

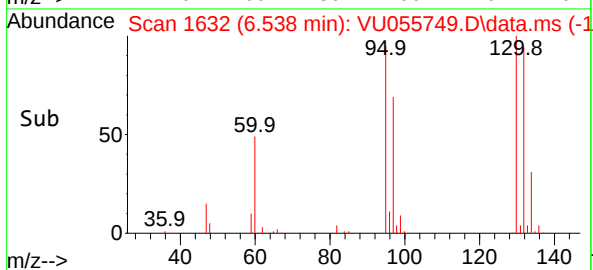
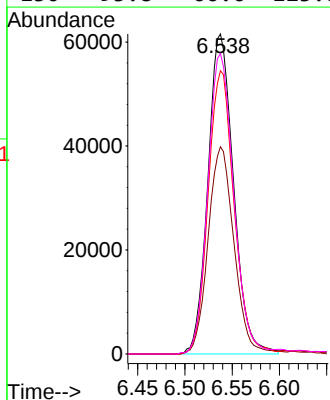
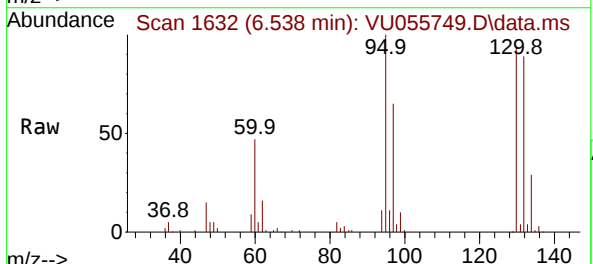
Reviewed By :John
Carlone
10/12/2023

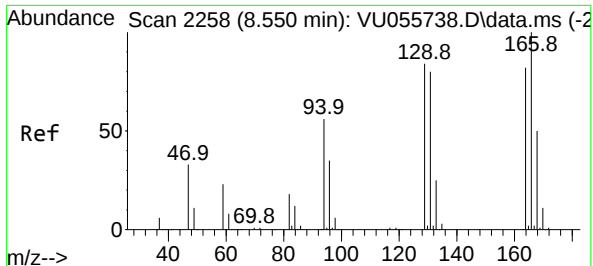
Supervised By :Mahesh
Dadoda
10/12/2023



#34
Trichloroethene
Concen: 30.563 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU055749.D
Acq: 11 Oct 2023 15:46

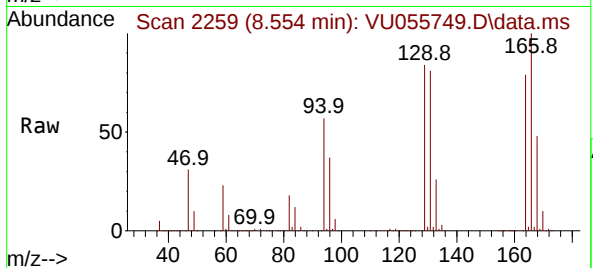
Tgt Ion: 95 Resp: 116197
Ion Ratio Lower Upper
95 100
97 64.7 44.4 82.5
132 88.5 61.8 114.8
130 93.8 66.6 123.8





#46
Tetrachloroethene
Concen: 3117.744 ug/L
RT: 8.554 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055749.D
Acq: 11 Oct 2023 15:46

Instrument :
MSVOA_U
ClientSampleId :
EY1B5



Tgt Ion:164 Resp: 8486640

Ion	Ratio	Lower	Upper
164	100		
129	105.8	70.7	131.3
131	101.8	65.9	122.5
166	126.4	87.8	163.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/12/2023

Supervised By :Mahesh
Dadoda
10/12/2023

