

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049885.D
 Acq On : 25 Jul 2022 23:23
 Operator : SY/MD
 Sample : N3870-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ01

Manual Integrations
 APPROVED

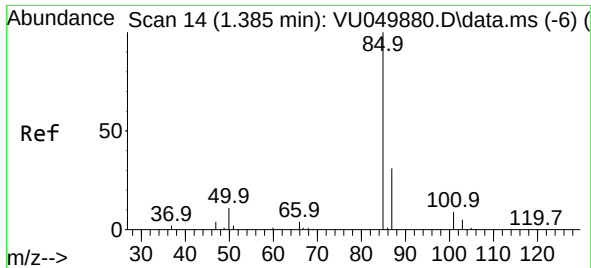
Reviewed By : John Carlone 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 06:47:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	70879	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	69323	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	28518	4.970	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.400%	
7) Chloroethane-d5	1.909	69	27478	5.722	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	114.400%	
11) 1,1-Dichloroethene-d2	2.562	65	12848	5.016	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.400%	
20) 2-Butanone-d5	4.658	46	117231	56.780	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.560%	
24) Chloroform-d	5.063	84	72252	5.653	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.000%	
26) 1,2-Dichloroethane-d4	5.703	65	41632	5.555	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.200%	
32) Benzene-d6	5.726	84	126419	5.352	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.000%	
36) 1,2-Dichloropropane-d6	6.694	67	46737	5.727	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	114.600%	
41) Toluene-d8	7.899	98	99433	4.816	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
43) trans-1,3-Dichloroprop...	8.182	79	14124	4.767	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.642	63	70970	60.447	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.900%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40619	5.927	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	118.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35533	5.865	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	2720	0.364	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	93850	20.277	ug/L	99
12) 1,1-Dichloroethene	2.578	96	3305	0.706	ug/L #	1
22) cis-1,2-Dichloroethene	4.665	96	26784	4.272	ug/L	96
29) 1,1,1-Trichloroethane	5.308	97	1627m	0.167	ug/L	
34) Trichloroethene	6.539	95	133151	21.831	ug/L	99
47) Tetrachloroethene	8.552	164	28468	6.780	ug/L	98

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



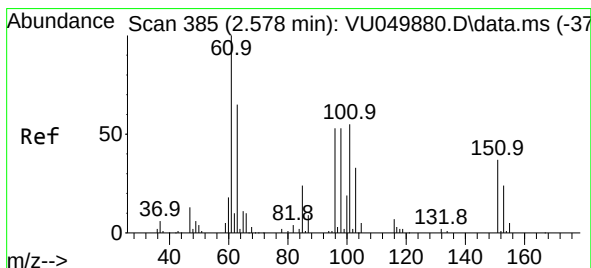
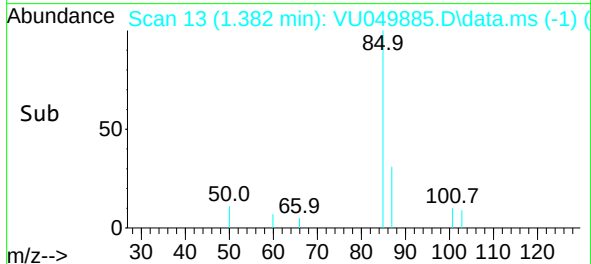
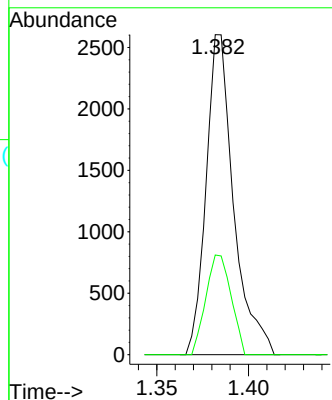
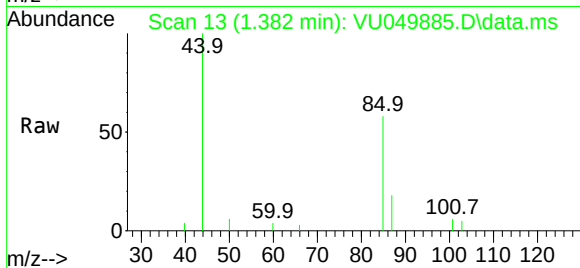
#2
Dichlorodifluoromethane
Concen: 0.364 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049885.D
Acq: 25 Jul 2022 23:23

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 85 Resp: 2720
Ion Ratio Lower Upper
85 100
87 28.5 25.4 38.2

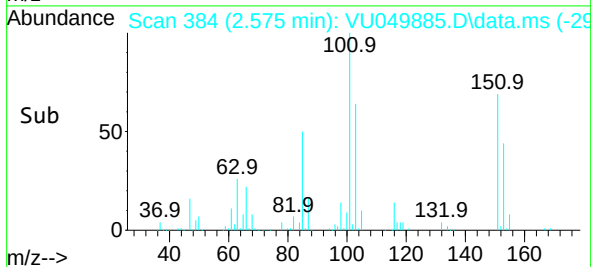
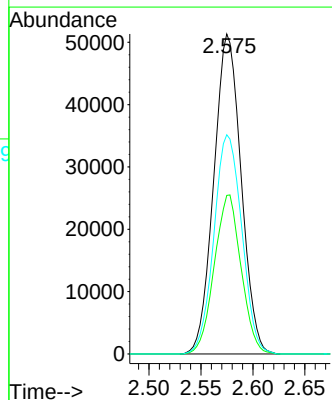
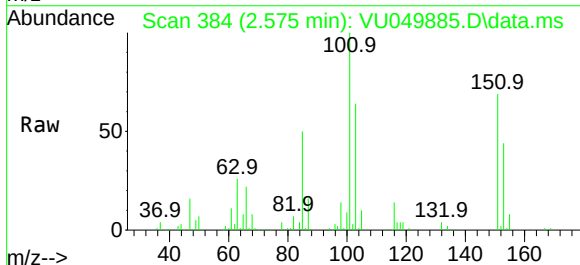
Manual Integrations
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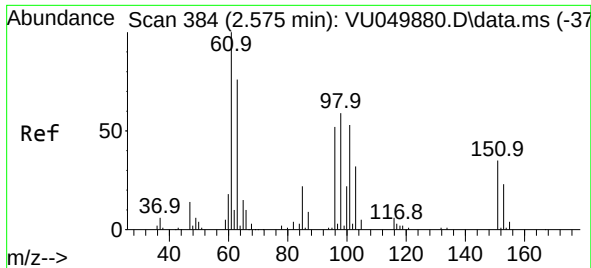
Reviewed By :John Carlone 07/26/2022
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#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.277 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU049885.D
Acq: 25 Jul 2022 23:23

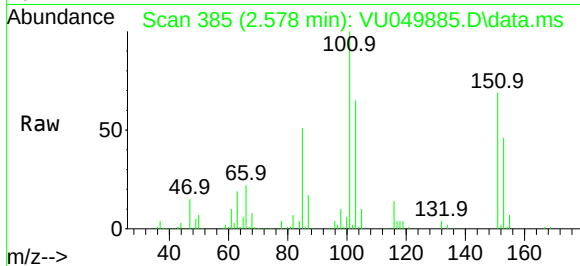
Tgt Ion:101 Resp: 93850
Ion Ratio Lower Upper
101 100
85 48.7 37.2 55.8
151 69.9 56.0 84.0





#12
1,1-Dichloroethene
Concen: 0.706 ug/L
RT: 2.578 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU049885.D
Acq: 25 Jul 2022 23:23

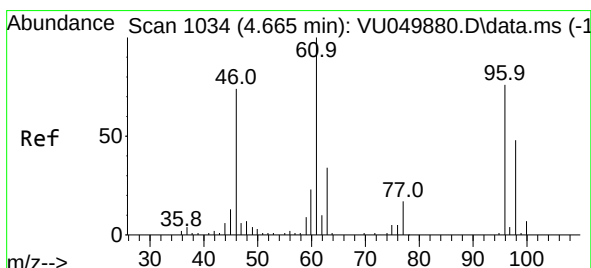
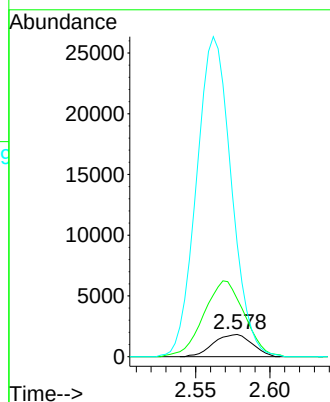
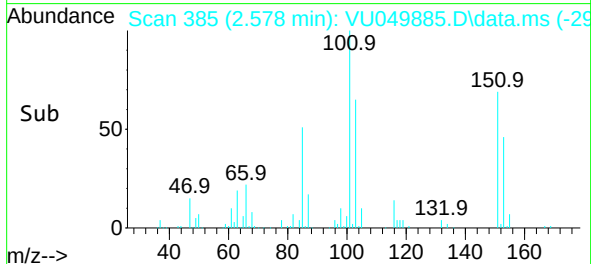
Instrument :
MSVOA_U
ClientSampleId :
GBJ01



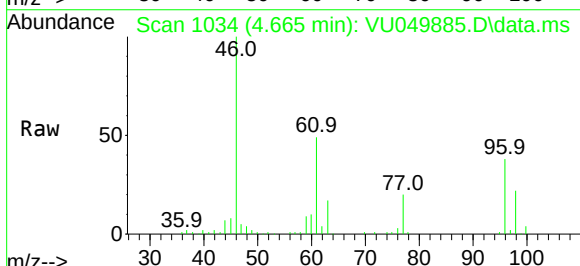
Tgt Ion: 96 Resp: 3309
Ion Ratio Lower Upper
96 100
61 259.1 131.6 244.4
63 506.9 100.0 185.6

Manual Integrations
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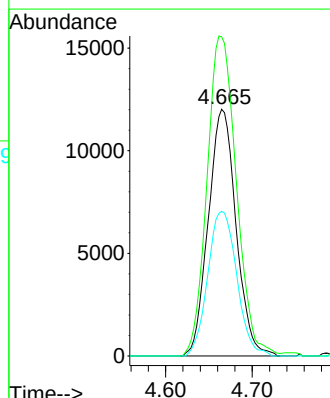
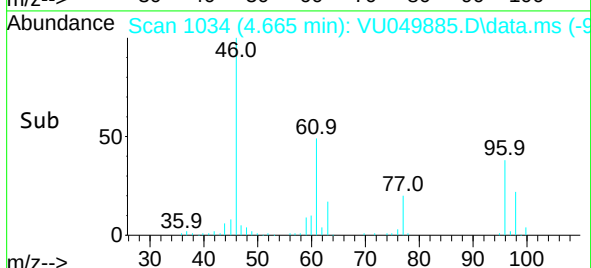
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

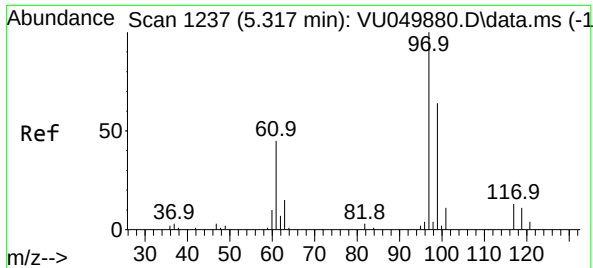


#22
cis-1,2-Dichloroethene
Concen: 4.272 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU049885.D
Acq: 25 Jul 2022 23:23



Tgt Ion: 96 Resp: 26784
Ion Ratio Lower Upper
96 100
61 129.4 93.9 174.3
98 58.6 43.9 81.5





#29

1,1,1-Trichloroethane

Concen: 0.167 ug/L m

RT: 5.308 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU049885.D

Acq: 25 Jul 2022 23:23

Instrument :

MSVOA_U

ClientSampleId :

GBJ01

Tgt Ion: 97 Resp: 162

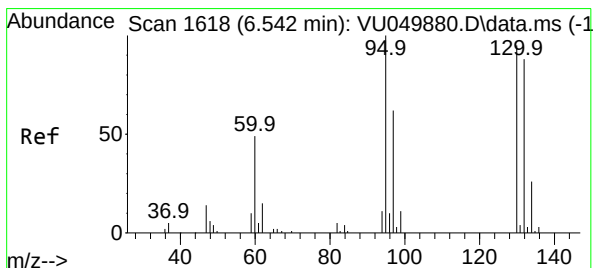
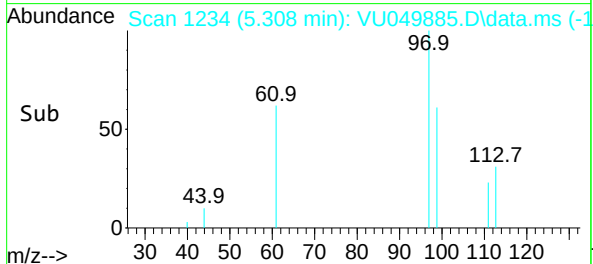
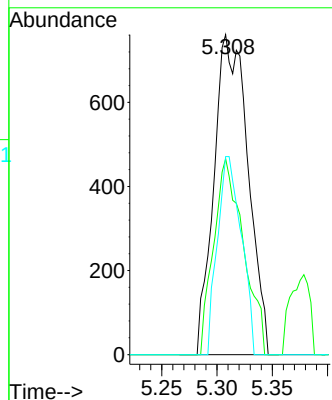
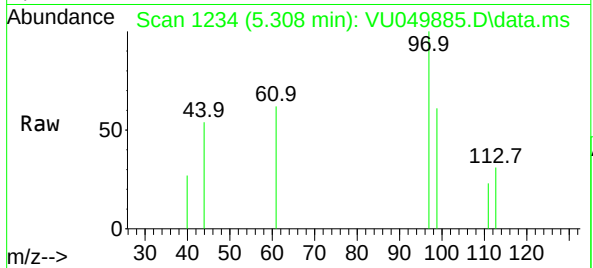
Ion	Ratio	Lower	Upper
97	100		
99	53.7	51.8	77.8
61	43.5	38.3	57.5

Manual Integrations

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#34

Trichloroethene

Concen: 21.831 ug/L

RT: 6.539 min Scan# 1617

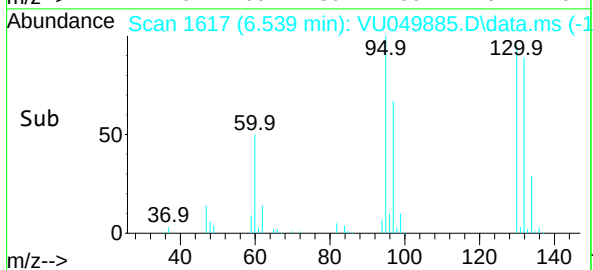
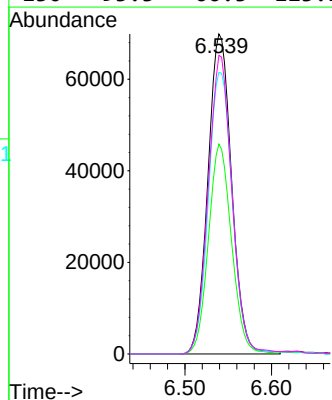
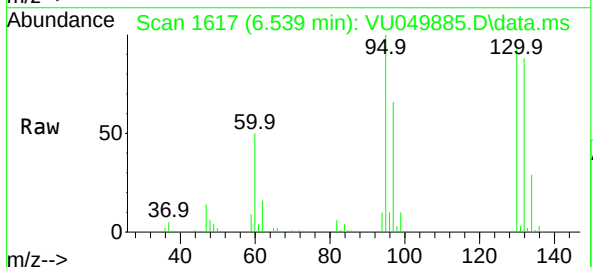
Delta R.T. -0.003 min

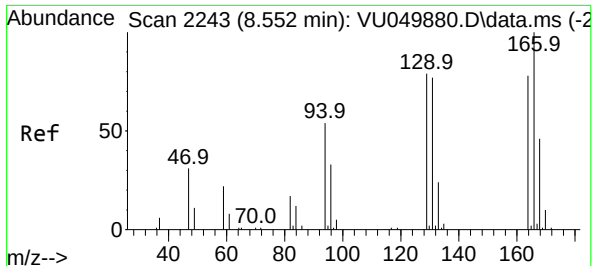
Lab File: VU049885.D

Acq: 25 Jul 2022 23:23

Tgt Ion: 95 Resp: 133151

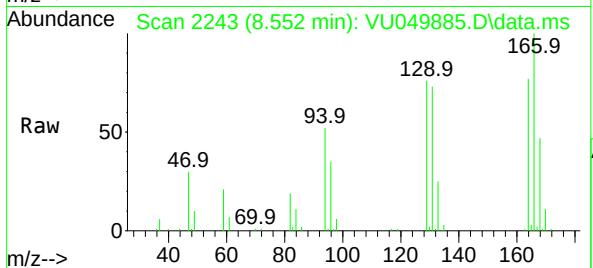
Ion	Ratio	Lower	Upper
95	100		
97	65.6	46.8	86.8
132	88.0	61.8	114.8
130	93.3	66.3	123.1





#47
Tetrachloroethene
Concen: 6.780 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049885.D
Acq: 25 Jul 2022 23:23

Instrument :
MSVOA_U
ClientSampleId :
GBJ01



Tgt Ion:164	Resp:	28468
Ion Ratio	Lower	Upper
164	100	
129	98.8	68.9 127.9
131	95.5	67.5 125.4
166	130.7	89.2 165.8

Manual Integrations
APPROVED

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