

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
 Data File : VU050959.D
 Acq On : 27 Sep 2022 16:08
 Operator : JC/MD
 Sample : N4854-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J23

Quant Time: Sep 28 02:02:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 28 01:59:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

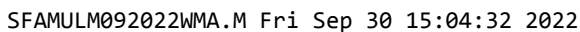
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

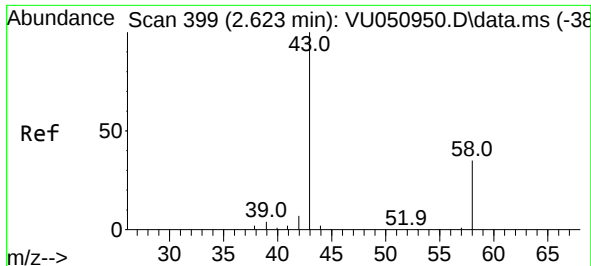
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	2535	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.420	117	3911	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	4431	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	353	13.440	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	26.880	%	#
7) Chloroethane-d5	1.913	69	237	12.670	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	25.340	%	#
11) 1,1-Dichloroethene-d2	2.565	63	591	14.461	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	28.920	%	#
21) 2-Butanone-d5	4.668	46	392m	23.118	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	23.120	%	#
24) Chloroform-d	5.073	84	968m	23.518	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	47.040	%	#
26) 1,2-Dichloroethane-d4	5.707	65	1714m	67.572	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	135.140	%	#
32) Benzene-d6	5.736	84	1857m	14.415	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	28.840	%	#
36) 1,2-Dichloropropane-d6	6.691	67	713	16.397	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	32.800	%	#
41) Toluene-d8	7.903	98	3347	29.723	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	59.440	%	#
43) trans-1,3-Dichloroprop...	8.176	79	523m	27.648	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.300	%	#
47) 2-Hexanone-d5	8.642	63	720m	40.180	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	40.180	%	#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	2510	37.862	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	75.720	%	#
66) 1,2-Dichlorobenzene-d4	12.192	152	3843	41.423	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.840	%	#
Target Compounds						Qvalue
13) Acetone	2.636	43	1433	99.809	ug/L	89
20) cis-1,2-Dichloroethene	4.668	96	2738	123.625	ug/L	76
25) Chloroform	5.086	83	1456	36.197	ug/L	# 71
34) Trichloroethene	6.546	95	1401	41.905	ug/L	79
38) Bromodichloromethane	7.105	83	1236	26.340	ug/L	# 75
46) Tetrachloroethene	8.552	164	226576	9430.577	ug/L	99

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

Manual Integrations

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Quant Title : VOC Analysis
QLast Update : Wed Sep 28 01:59:42 2022
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#13

Acetone

Concen: 99.809 ug/L

RT: 2.636 min Scan# 403

Delta R.T. 0.013 min

Lab File: VU050959.D

Acq: 27 Sep 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

F5J23

Tgt Ion: 43 Resp: 143

Ion Ratio Lower Upper

43 100

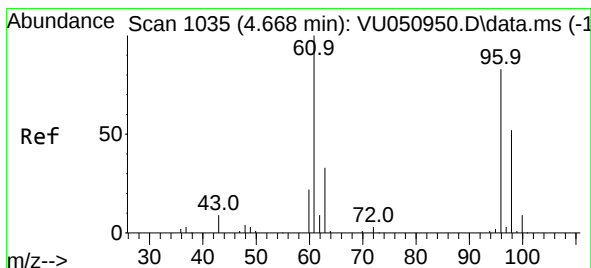
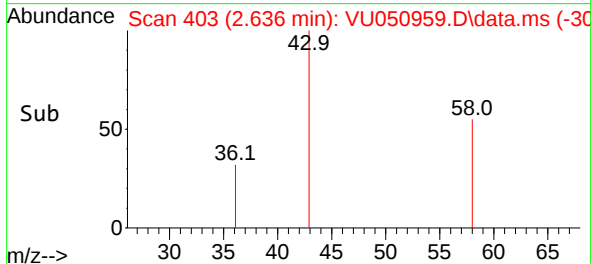
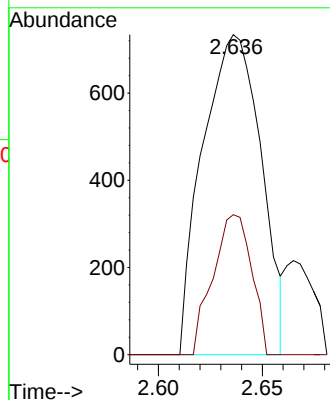
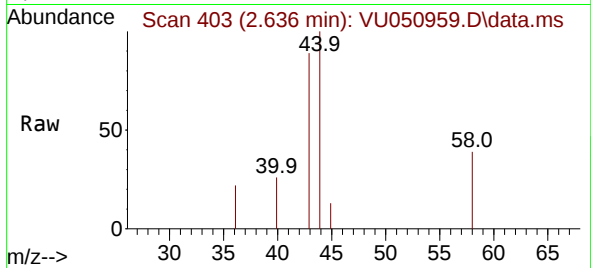
58 29.0 0.0 71.4

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 123.625 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU050959.D

Acq: 27 Sep 2022 16:08

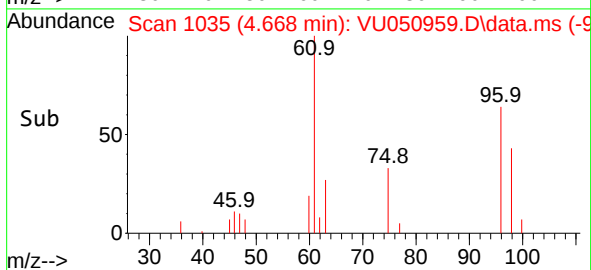
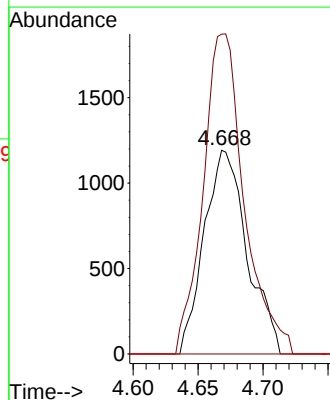
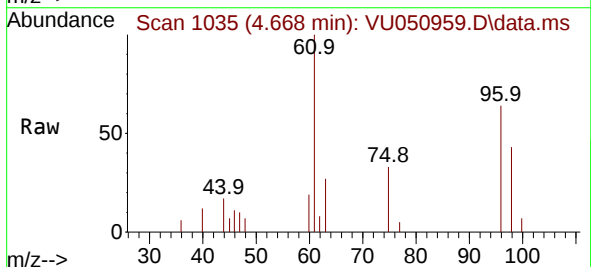
Tgt Ion: 96 Resp: 2738

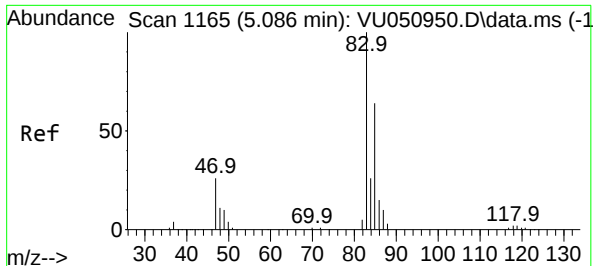
Ion Ratio Lower Upper

96 100

61 157.0 90.1 167.3

68 0.0 0.0 0.0





#25

Chloroform

Concen: 36.197 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050959.D

Acq: 27 Sep 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

F5J23

Tgt Ion: 83 Resp: 1450

Ion Ratio Lower Upper

83 100

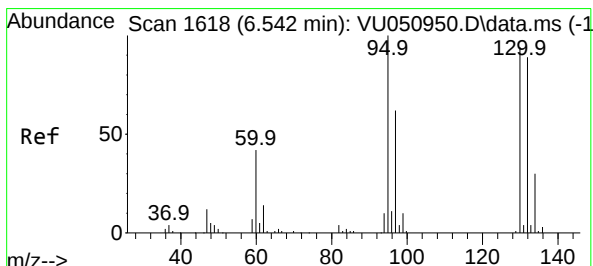
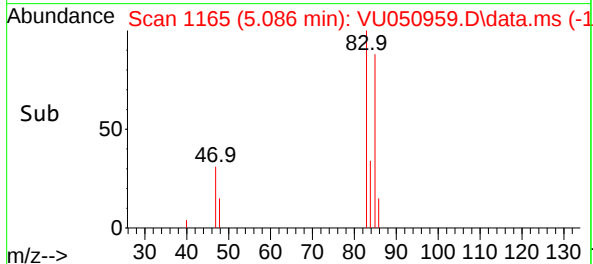
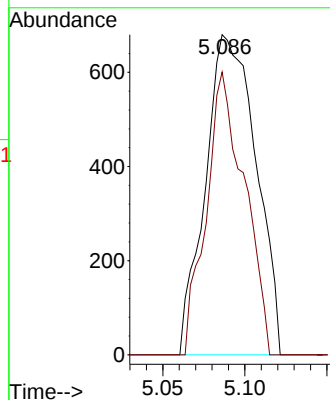
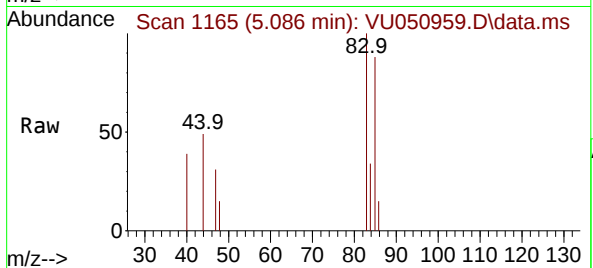
85 88.4 45.7 84.9

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#34

Trichloroethene

Concen: 41.905 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU050959.D

Acq: 27 Sep 2022 16:08

Tgt Ion: 95 Resp: 1401

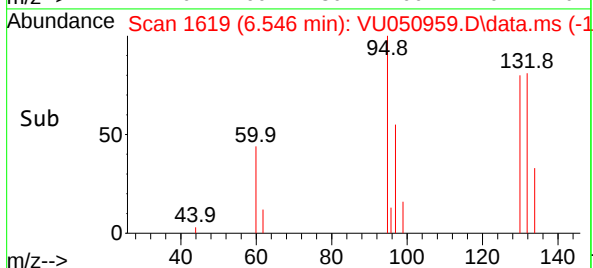
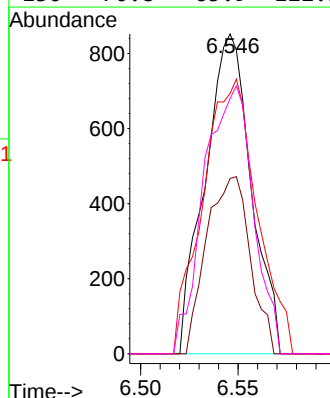
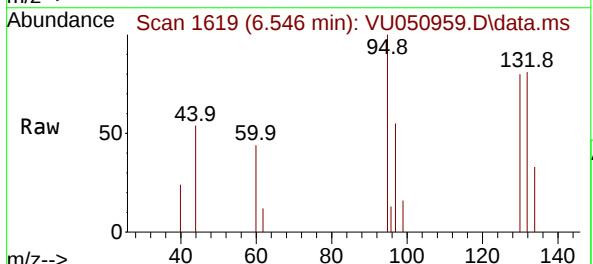
Ion Ratio Lower Upper

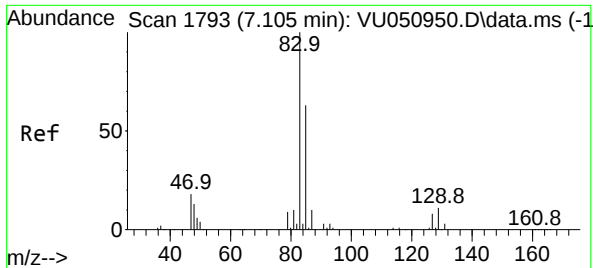
95 100

97 48.6 43.9 81.5

132 72.2 63.1 117.1

130 70.8 65.9 122.3





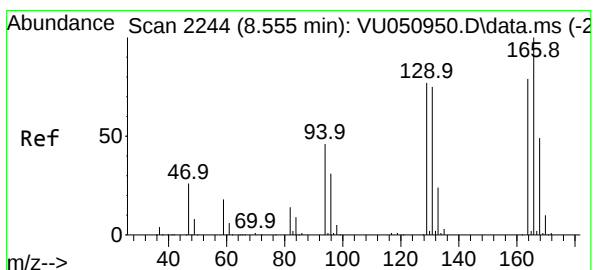
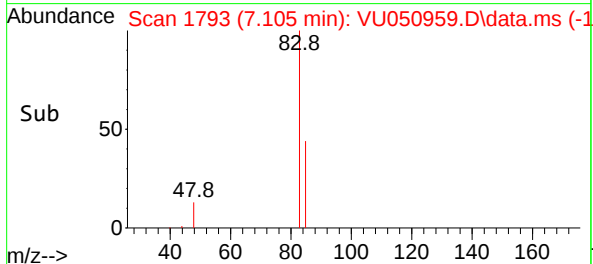
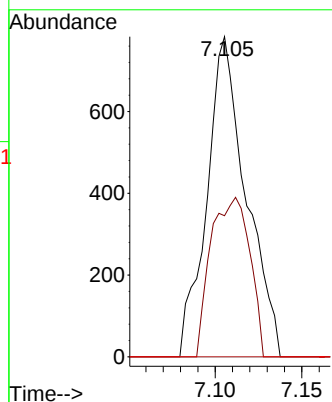
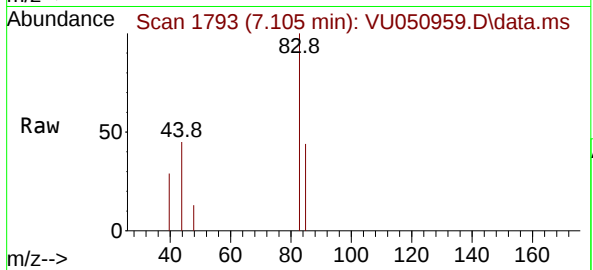
#38
Bromodichloromethane
Concen: 26.340 ug/L
RT: 7.105 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050959.D
Acq: 27 Sep 2022 16:08

Instrument :
MSVOA_U
ClientSampleId :
F5J23

Tgt Ion: 83 Resp: 1230
Ion Ratio Lower Upper
83 100
85 44.1 44.3 82.3
127 0.0 6.4 9.6

Manual Integrations
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#46
Tetrachloroethene
Concen: 9430.577 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050959.D
Acq: 27 Sep 2022 16:08

Tgt Ion:164 Resp: 226576
Ion Ratio Lower Upper
164 100
129 96.5 68.5 127.3
131 92.3 66.1 122.7
166 126.7 88.8 164.8

