

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092622\
 Data File : VU050943.D
 Acq On : 26 Sep 2022 13:38
 Operator : JC/MD
 Sample : N4748-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQS4

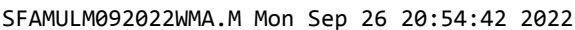
Quant Time: Sep 26 20:54:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 26 20:52:47 2022
 Response via : Initial Calibration

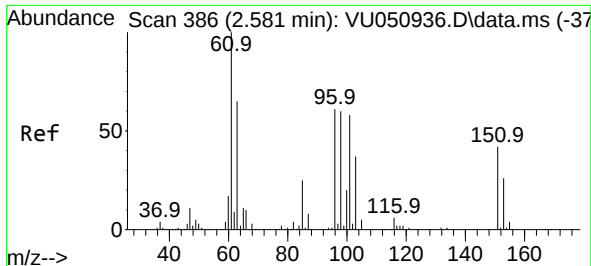
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	301821	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	311483	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	125099	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	136757	43.733	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.460%
7) Chloroethane-d5	1.912	69	117353	52.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.380%
11) 1,1-Dichloroethene-d2	2.565	63	180944	37.187	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.380%
21) 2-Butanone-d5	4.620	46	265468	131.496	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.500%#
24) Chloroform-d	5.063	84	265385	54.154	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.300%
26) 1,2-Dichloroethane-d4	5.700	65	174689	57.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.680%
32) Benzene-d6	5.726	84	520611	50.744	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.480%
36) 1,2-Dichloropropane-d6	6.690	67	181568	52.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.860%
41) Toluene-d8	7.896	98	428055	47.731	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.460%
43) trans-1,3-Dichloroprop...	8.179	79	73219	48.601	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.200%
47) 2-Hexanone-d5	8.632	63	145486	101.943	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.940%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	283986	53.787	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.580%
66) 1,2-Dichlorobenzene-d4	12.192	152	153961	58.780	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.560%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1732	0.701	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	1413	0.609	ug/L #	1
13) Acetone	2.626	43	12746	7.456	ug/L	91
37) 1,2-Dichloropropane	6.690	63	18668	5.951	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	4475	1.066	ug/L	85
44) trans-1,3-Dichloropropene	8.179	75	2916	0.730	ug/L	86

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

Quant Time: Sep 26 20:54:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 26 20:52:47 2022
Response via : Initial Calibration

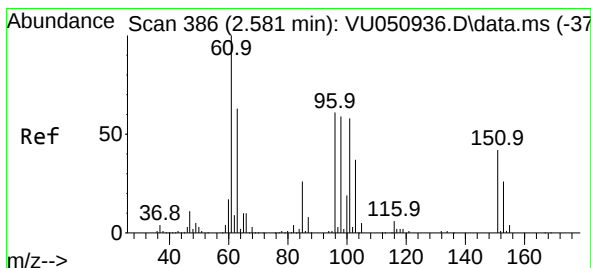
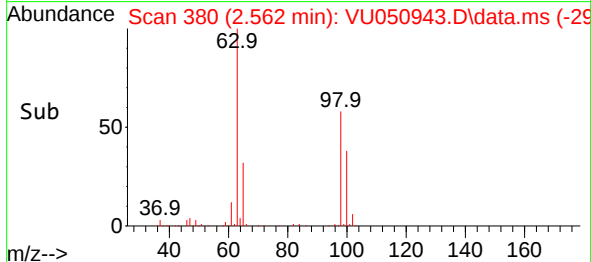
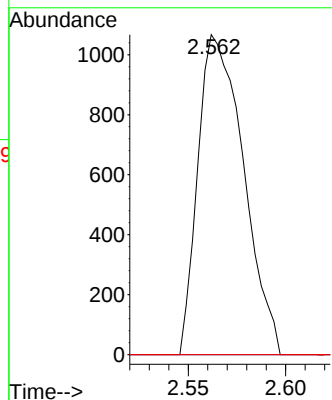
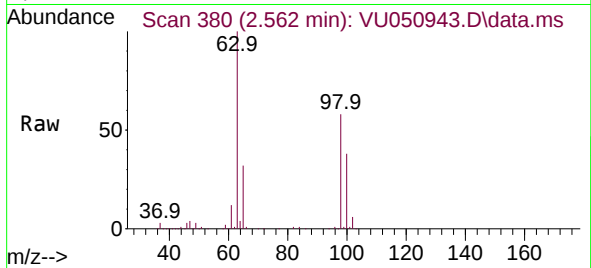




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.701 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.019 min
 Lab File: VU050943.D
 Acq: 26 Sep 2022 13:38

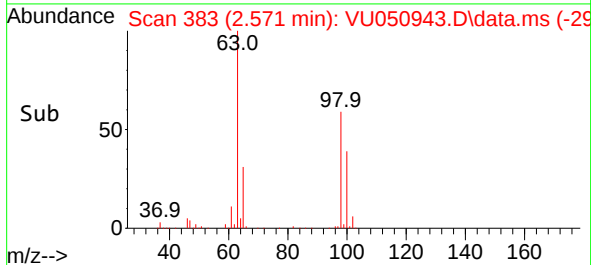
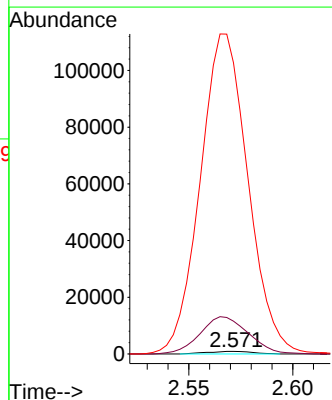
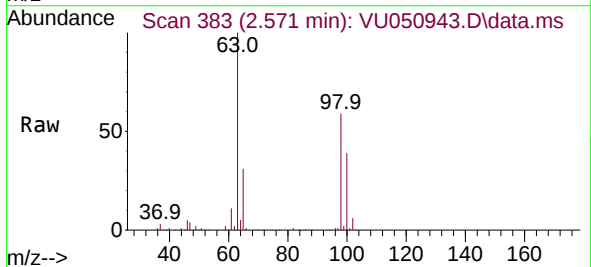
Instrument :
 MSVOA_U
 ClientSampleId :
 ESQS4

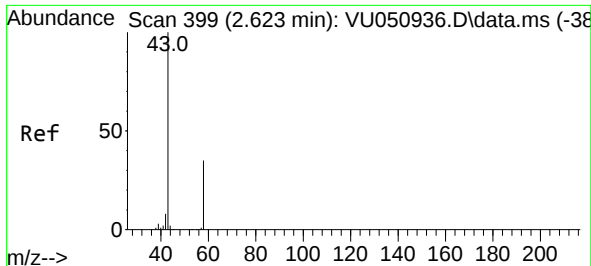
Tgt Ion:101 Resp: 1732
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.6 84.8#



#12
 1,1-Dichloroethene
 Concen: 0.609 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU050943.D
 Acq: 26 Sep 2022 13:38

Tgt Ion: 96 Resp: 1413
 Ion Ratio Lower Upper
 96 100
 61 1280.9 118.6 220.2#
 63 11360.2 90.4 168.0#





#13

Acetone

Concen: 7.456 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU050943.D

Acq: 26 Sep 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

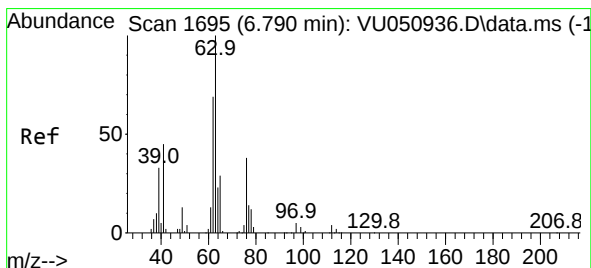
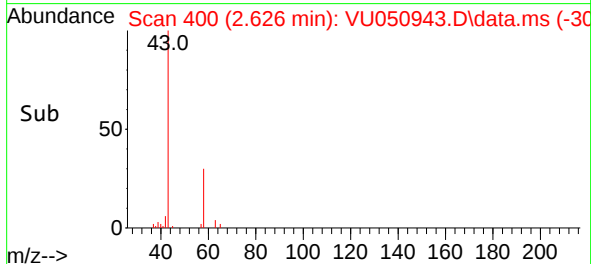
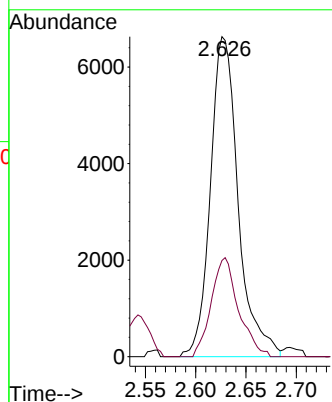
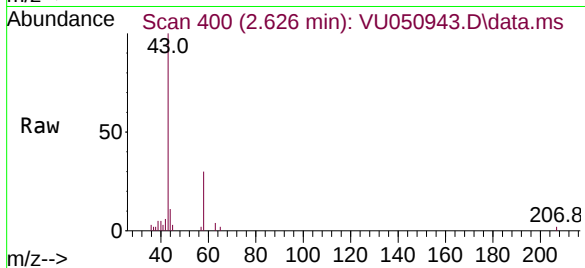
ESQS4

Tgt Ion: 43 Resp: 12746

Ion Ratio Lower Upper

43 100

58 30.1 0.0 71.4



#37

1,2-Dichloropropane

Concen: 5.951 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU050943.D

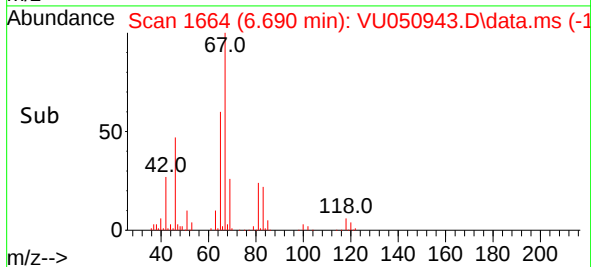
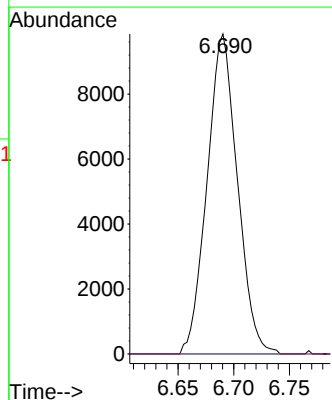
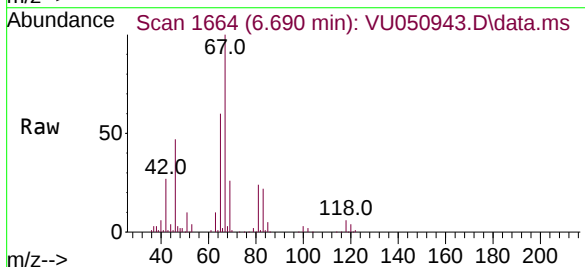
Acq: 26 Sep 2022 13:38

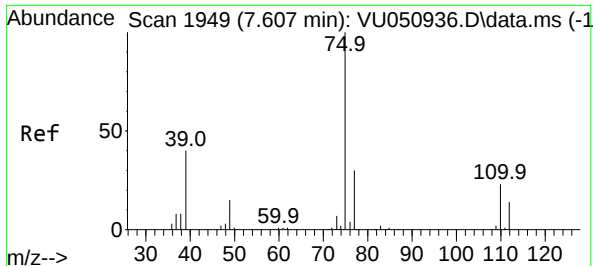
Tgt Ion: 63 Resp: 18668

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 1.066 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050943.D

Acq: 26 Sep 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

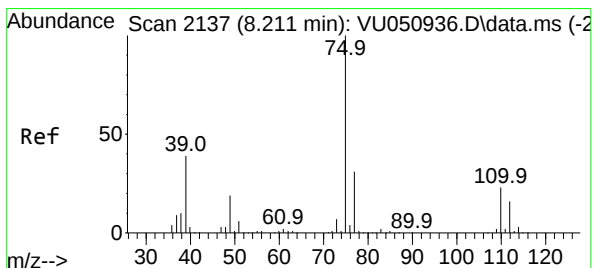
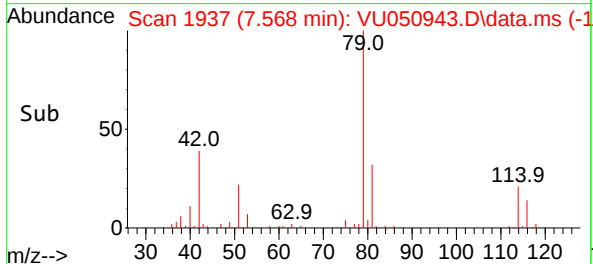
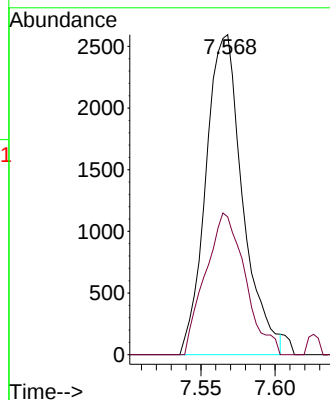
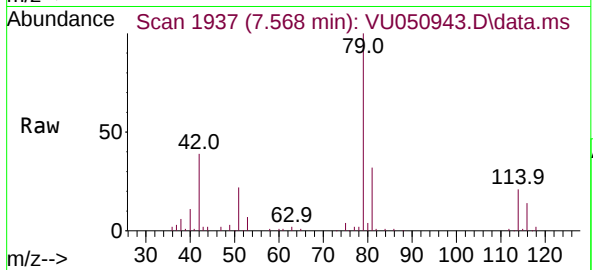
ESQS4

Tgt Ion: 75 Resp: 4475

Ion Ratio Lower Upper

75 100

77 41.2 22.8 42.4



#44

trans-1,3-Dichloropropene

Concen: 0.730 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU050943.D

Acq: 26 Sep 2022 13:38

Tgt Ion: 75 Resp: 2916

Ion Ratio Lower Upper

75 100

77 39.1 21.9 40.7

