

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092622\
 Data File : VU050939.D
 Acq On : 26 Sep 2022 12:05
 Operator : JC/MD
 Sample : N4747-09DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A6DL

Quant Time: Sep 26 20:53:50 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)

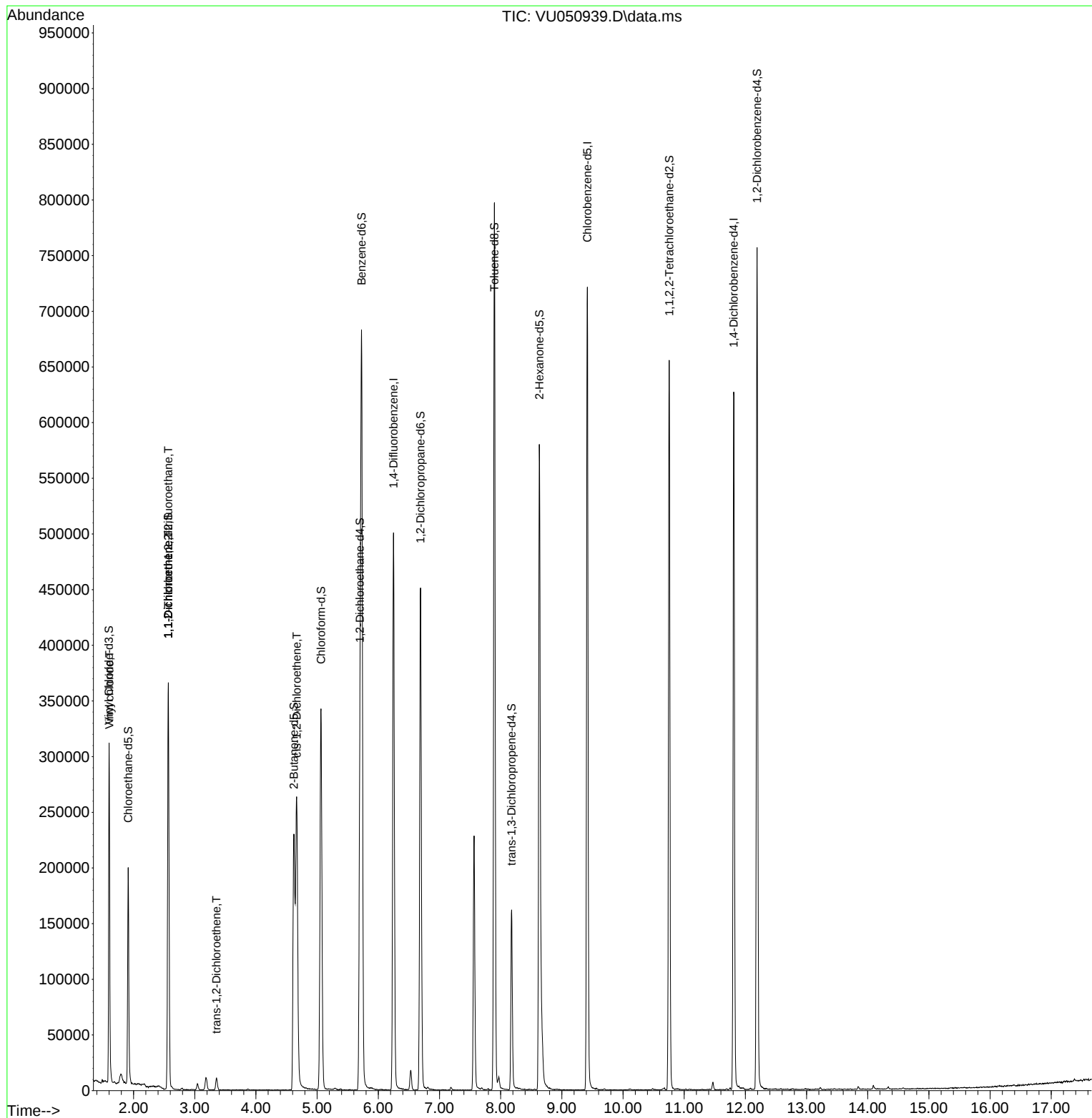
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	399530	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	400366	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	163333	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	165762	40.045	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.080%
7) Chloroethane-d5	1.912	69	142012	48.171	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.340%
11) 1,1-Dichloroethene-d2	2.568	63	213199	33.100	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.200%
21) 2-Butanone-d5	4.620	46	315006	117.874	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.870%
24) Chloroform-d	5.063	84	322808	49.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.520%
26) 1,2-Dichloroethane-d4	5.700	65	207922	52.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.020%
32) Benzene-d6	5.726	84	633104	48.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.020%
36) 1,2-Dichloropropane-d6	6.690	67	218148	49.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.020%
41) Toluene-d8	7.896	98	528113	45.814	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.620%
43) trans-1,3-Dichloroprop...	8.179	79	88806	45.861	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.720%
47) 2-Hexanone-d5	8.632	63	173810	94.752	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.750%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	333379	49.124	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.240%
66) 1,2-Dichlorobenzene-d4	12.192	152	194413	56.850	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.700%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	67028	14.236	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	2021	0.618	ug/L #	22
12) 1,1-Dichloroethene	2.568	96	1912	0.622	ug/L #	1
17) trans-1,2-Dichloroethene	3.356	96	4303	1.367	ug/L	92
20) cis-1,2-Dichloroethene	4.668	96	132070	37.836	ug/L	98

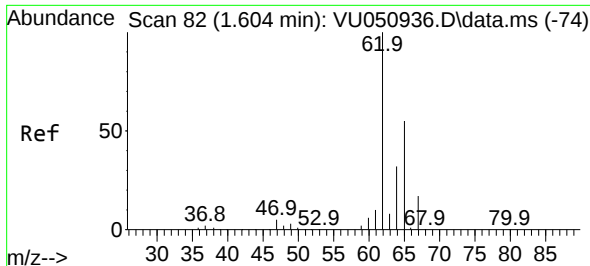
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N4747-09DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E45A6DL

Quant Time: Sep 26 20:53:50 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

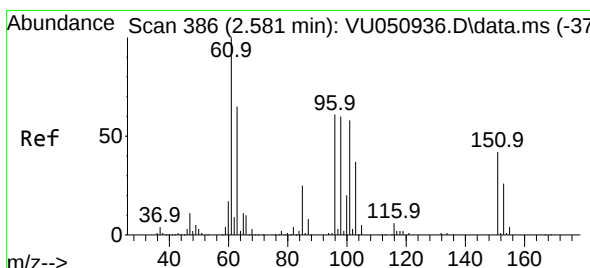
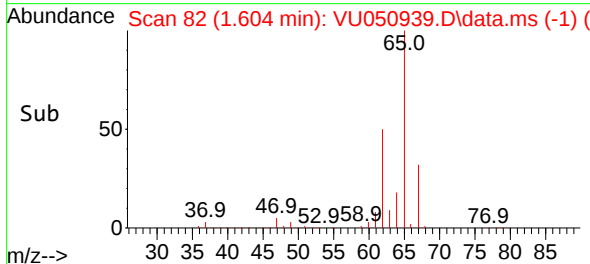
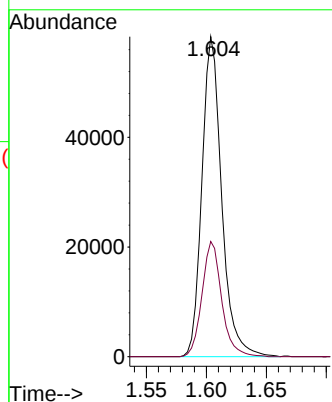
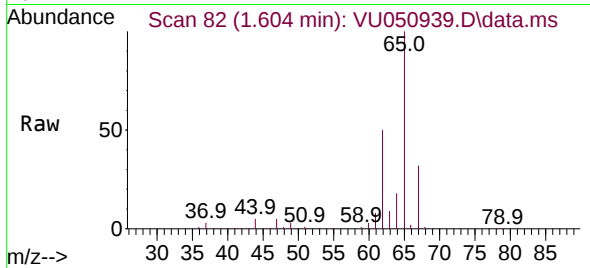




#5
 Vinyl chloride
 Concen: 14.236 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050939.D
 Acq: 26 Sep 2022 12:05

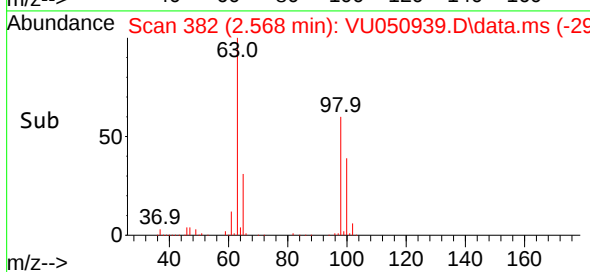
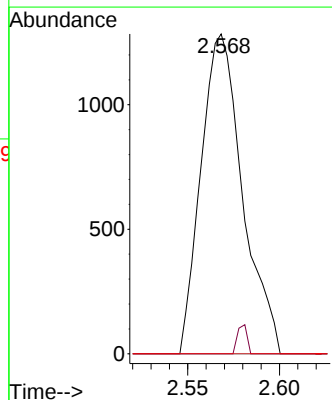
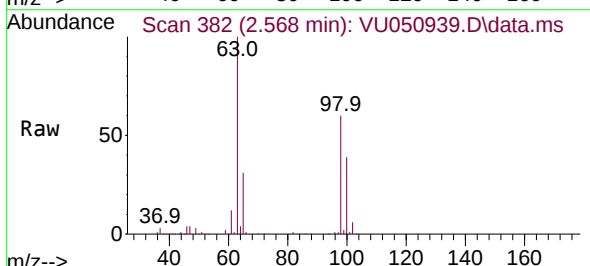
Instrument :
 MSVOA_U
 ClientSampleId :
 E45A6DL

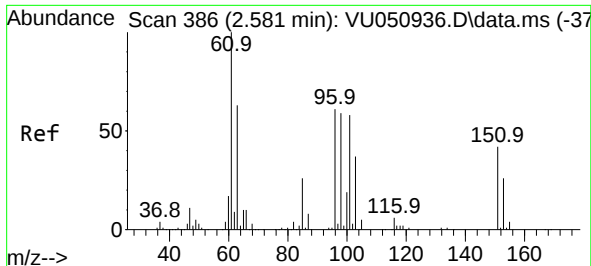
Tgt Ion: 62 Resp: 67028
 Ion Ratio Lower Upper
 62 100
 64 36.0 22.2 41.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.618 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU050939.D
 Acq: 26 Sep 2022 12:05

Tgt Ion: 101 Resp: 2021
 Ion Ratio Lower Upper
 101 100
 85 2.1 35.1 52.7#
 151 0.0 56.6 84.8#





#12

1,1-Dichloroethene

Concen: 0.622 ug/L

RT: 2.568 min Scan# 3

Delta R.T. -0.013 min

Lab File: VU050939.D

Acq: 26 Sep 2022 12:05

Instrument :

MSVOA_U

ClientSampleId :

E45A6DL

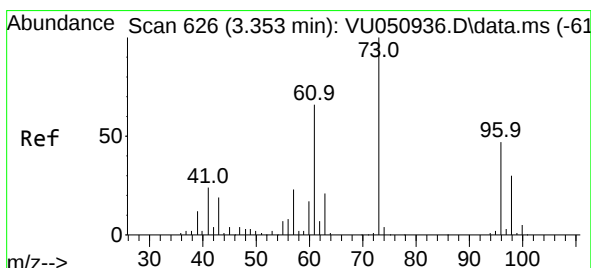
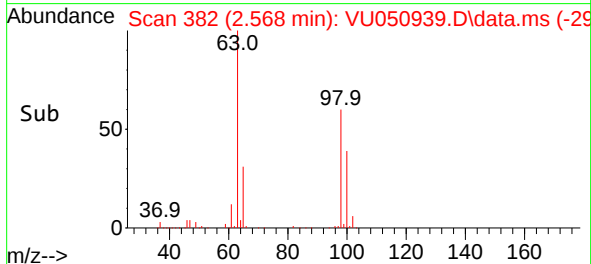
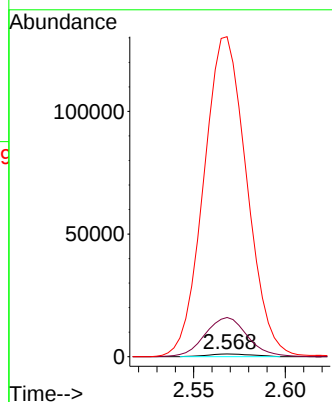
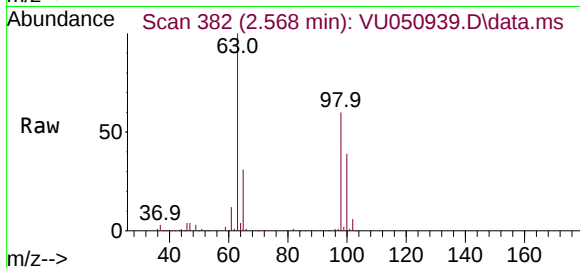
Tgt Ion: 96 Resp: 1912

Ion Ratio Lower Upper

96 100

61 1434.6 118.6 220.2#

63 11712.0 90.4 168.0#



#17

trans-1,2-Dichloroethene

Concen: 1.367 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU050939.D

Acq: 26 Sep 2022 12:05

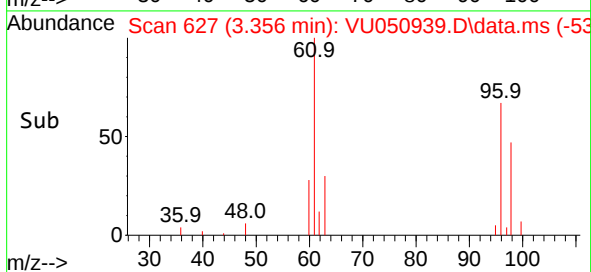
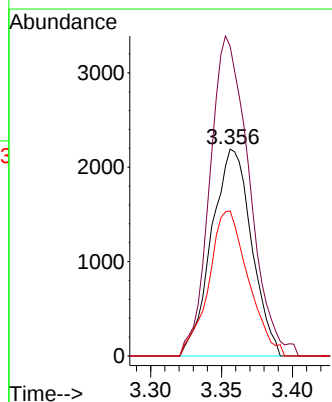
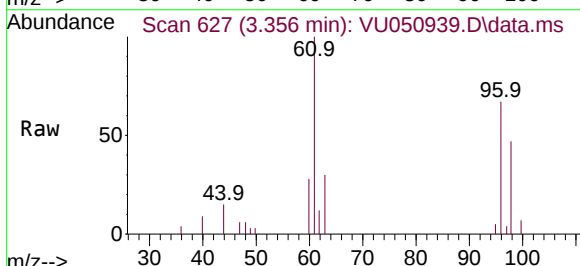
Tgt Ion: 96 Resp: 4303

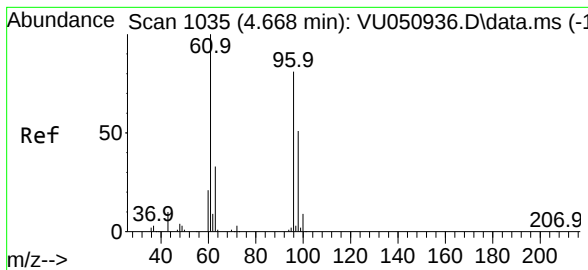
Ion Ratio Lower Upper

96 100

61 149.8 98.0 182.0

98 70.1 44.3 82.3





#20
 cis-1,2-Dichloroethene
 Concen: 37.836 ug/L
 RT: 4.668 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VU050939.D
 Acq: 26 Sep 2022 12:05

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A6DL

Tgt Ion: 96 Resp: 132070
 Ion Ratio Lower Upper
 96 100
 61 126.7 90.1 167.3
 68 0.0 0.0 0.0

