

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
 Data File : VU053442.D
 Acq On : 28 Mar 2023 18:37
 Operator : JC/MD
 Sample : 02054-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYF60

Quant Time: Mar 29 01:14:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 29 01:10:06 2023
 Response via : Initial Calibration

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

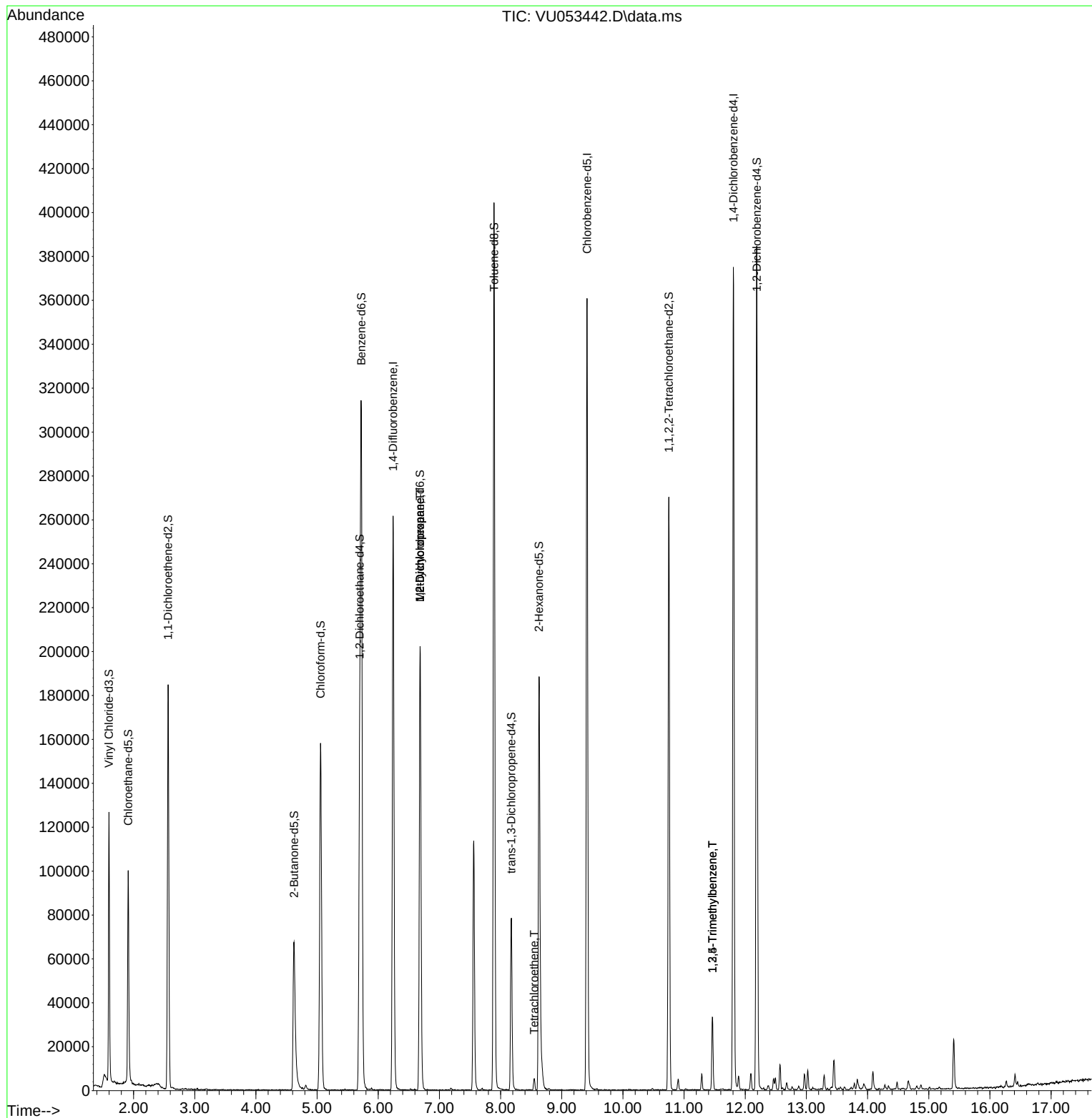
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	208837	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	195018	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	95972	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	88078	45.716	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.440%		
7) Chloroethane-d5	1.912	69	70898	45.494	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.980%		
11) 1,1-Dichloroethene-d2	2.565	63	109267	32.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.480%		
21) 2-Butanone-d5	4.623	46	107149	119.909	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	119.910%		
24) Chloroform-d	5.057	84	139004	43.804	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.600%		
26) 1,2-Dichloroethane-d4	5.697	65	95293	48.354	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.700%		
32) Benzene-d6	5.723	84	288753	45.649	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.300%		
36) 1,2-Dichloropropane-d6	6.684	67	98368	48.184	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.360%		
41) Toluene-d8	7.893	98	261630	44.425	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.860%		
43) trans-1,3-Dichloroprop...	8.176	79	44408	44.088	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.180%		
47) 2-Hexanone-d5	8.629	63	61450	96.278	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.280%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	130517	49.352	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.700%		
66) 1,2-Dichlorobenzene-d4	12.189	152	97804	52.631	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.260%		
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.684	83	21330	6.903	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	10160	5.386	ug/L #	90
46) Tetrachloroethene	8.549	164	1151	1.004	ug/L	89
62) 1,3,5-Trimethylbenzene	11.462	105	18860	3.005	ug/L	94
63) 1,2,4-Trimethylbenzene	11.462	105	18860	3.083	ug/L	98

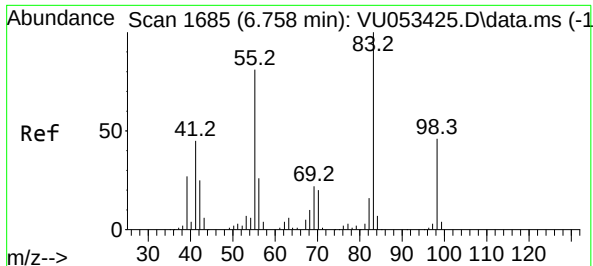
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
Data File : VU053442.D
Acq On : 28 Mar 2023 18:37
Operator : JC/MD
Sample : 02054-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYF60

Quant Time: Mar 29 01:14:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 29 01:10:06 2023
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 6.903 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.074 min

Lab File: VU053442.D

Acq: 28 Mar 2023 18:37

Instrument :

MSVOA_U

ClientSampleId :

EYF60

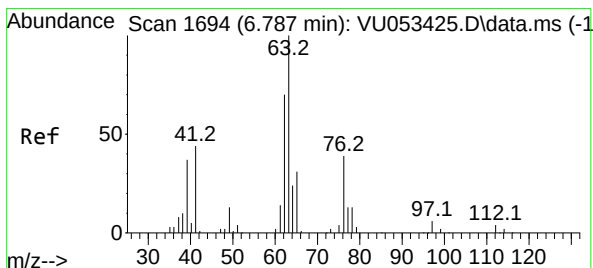
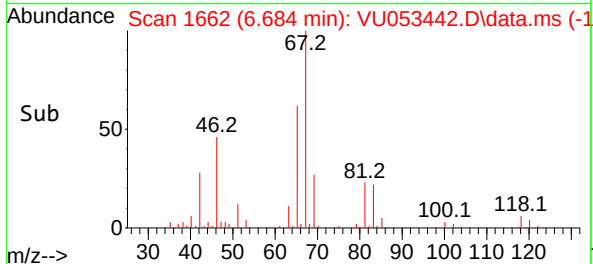
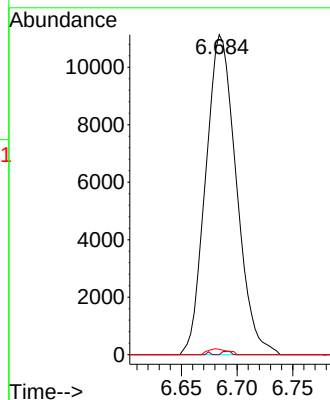
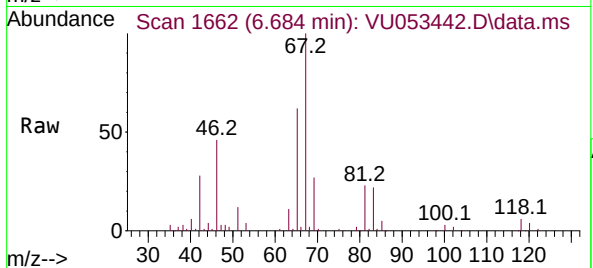
Tgt Ion: 83 Resp: 21330

Ion Ratio Lower Upper

83 100

55 0.3 58.2 87.4#

98 1.1 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 5.386 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053442.D

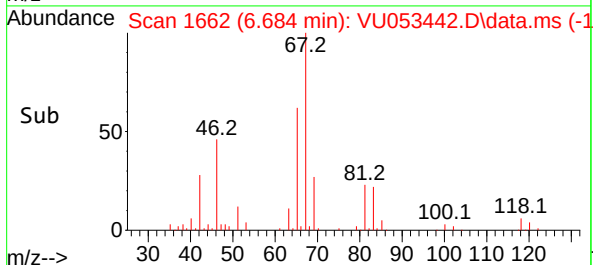
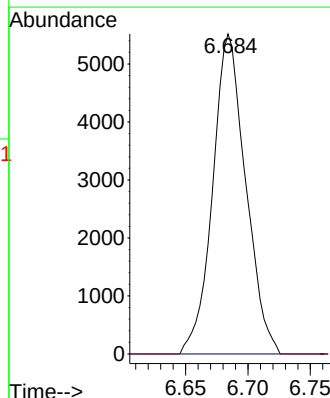
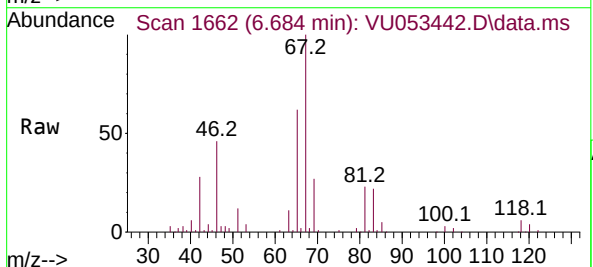
Acq: 28 Mar 2023 18:37

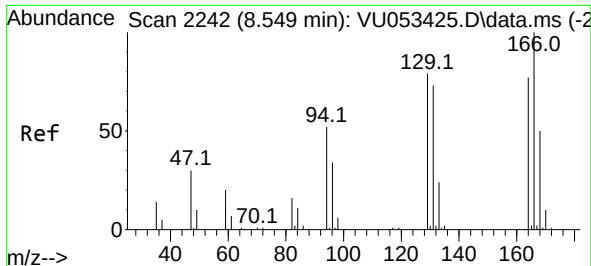
Tgt Ion: 63 Resp: 10160

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

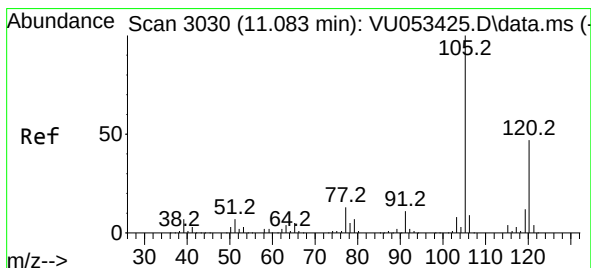
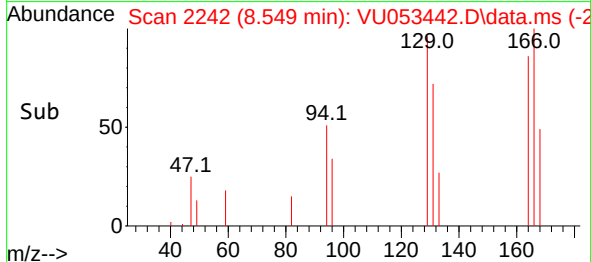
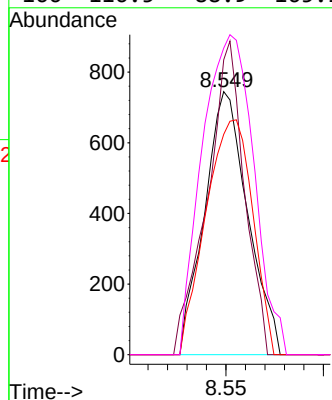
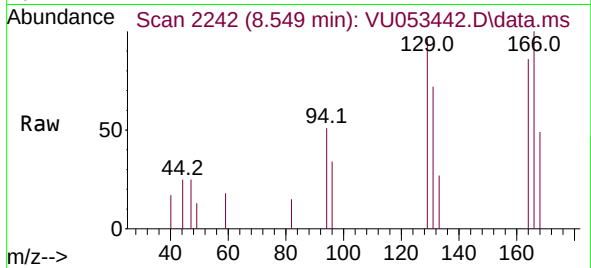




#46
Tetrachloroethene
Concen: 1.004 ug/L
RT: 8.549 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU053442.D
Acq: 28 Mar 2023 18:37

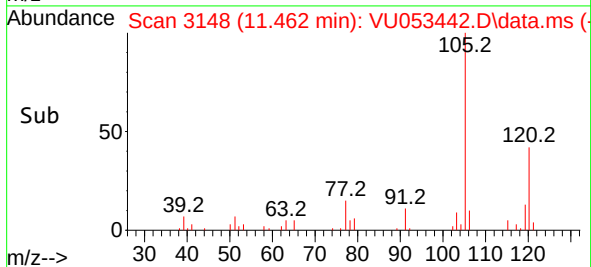
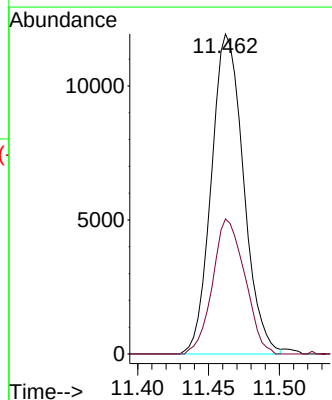
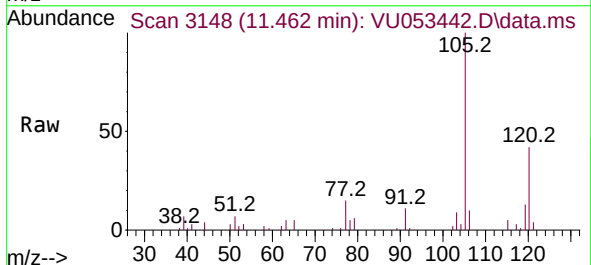
Instrument :
MSVOA_U
ClientSampleId :
EYF60

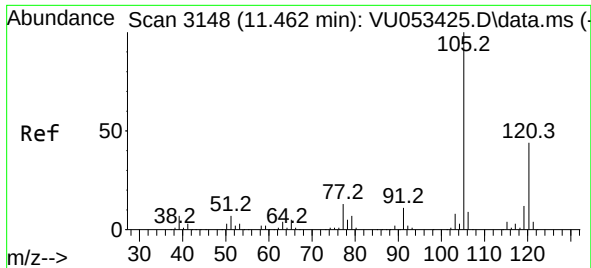
Tgt Ion:164	Resp:	1151	
Ion	Ratio	Lower	Upper
164	100		
129	112.1	73.6	136.8
131	83.8	70.3	130.7
166	116.5	88.9	165.1



#62
1,3,5-Trimethylbenzene
Concen: 3.005 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. 0.379 min
Lab File: VU053442.D
Acq: 28 Mar 2023 18:37

Tgt Ion:105	Resp:	18860	
Ion	Ratio	Lower	Upper
105	100		
120	42.2	37.0	55.4





#63
 1,2,4-Trimethylbenzene
 Concen: 3.083 ug/L
 RT: 11.462 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053442.D
 Acq: 28 Mar 2023 18:37

Instrument :
 MSVOA_U
 ClientSampleId :
 EYF60

Tgt Ion:105 Resp: 18860
 Ion Ratio Lower Upper
 105 100
 120 42.2 34.6 52.0

