

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042923\
 Data File : VU053970.D
 Acq On : 28 Apr 2023 15:35
 Operator : JC/MD
 Sample : 02548-46
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:31:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 14 01:54:10 2023
 Response via : Initial Calibration

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

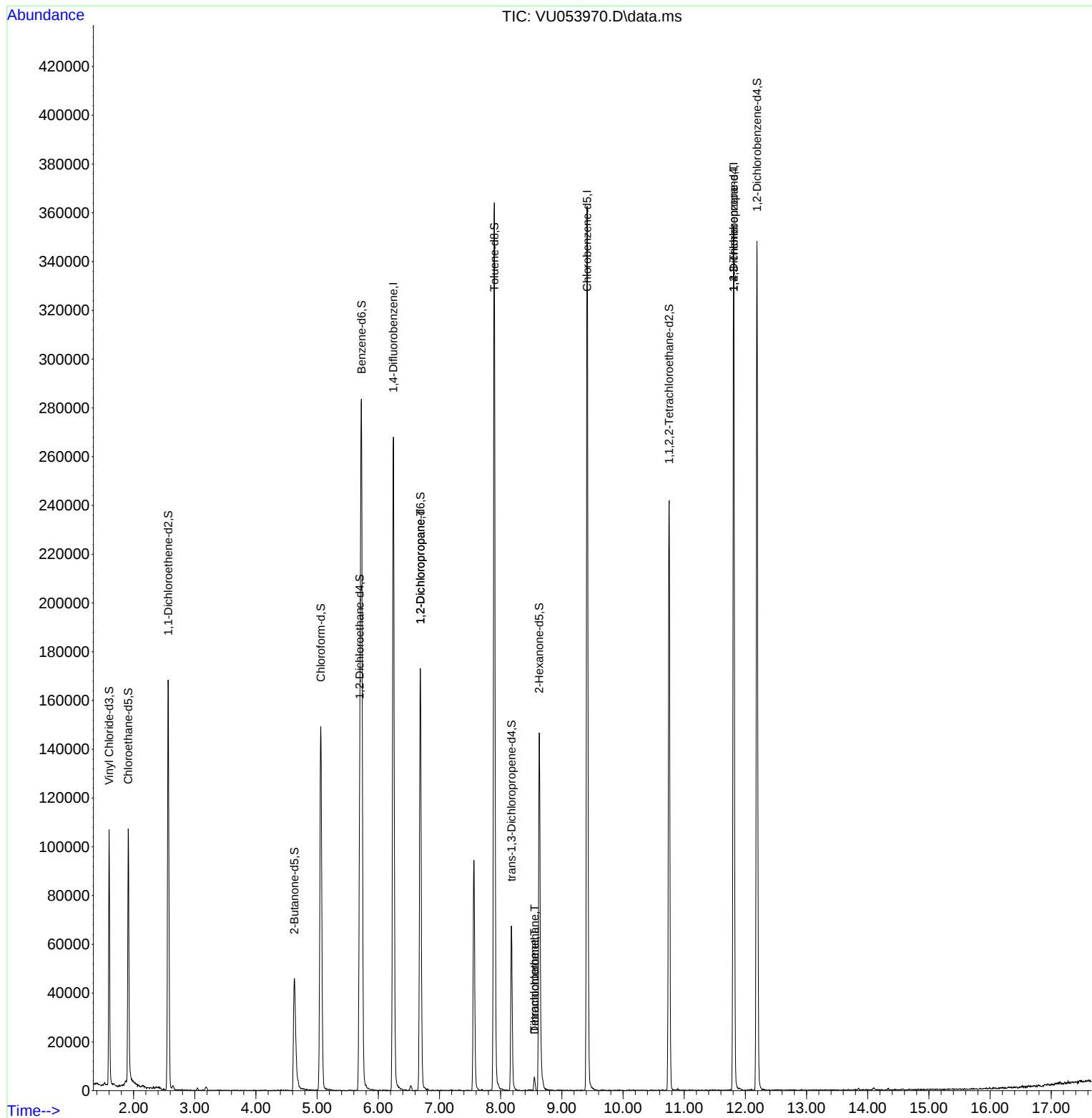
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	239581	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	212982	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	99968	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	76601	41.061	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.120%		
7) Chloroethane-d5	1.912	69	78127	54.316	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	108.640%		
11) 1,1-Dichloroethene-d2	2.565	63	92159	31.914	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.820%		
21) 2-Butanone-d5	4.626	46	70071	82.961	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.960%		
24) Chloroform-d	5.060	84	137350	44.518	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.040%		
26) 1,2-Dichloroethane-d4	5.697	65	83112	45.589	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.180%		
32) Benzene-d6	5.726	84	281137	48.902	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.800%		
36) 1,2-Dichloropropane-d6	6.687	67	87308	49.686	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.380%		
41) Toluene-d8	7.896	98	259183	45.360	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.720%		
43) trans-1,3-Dichloroprop...	8.176	79	41083	45.293	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.580%		
47) 2-Hexanone-d5	8.629	63	54778	91.341	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.340%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	119151	48.109	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.220%		
66) 1,2-Dichlorobenzene-d4	12.192	152	98213	47.066	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.140%		
Target Compounds						Qvalue
37) 1,2-Dichloropropane	6.687	63	9267	6.577	ug/L #	86
46) Tetrachloroethene	8.552	164	1157	0.831	ug/L	94
49) Dibromochloromethane	8.555	129	1342	0.834	ug/L #	11
60) 1,2,3-Trichloropropane	11.809	75	11703	8.074	ug/L #	63

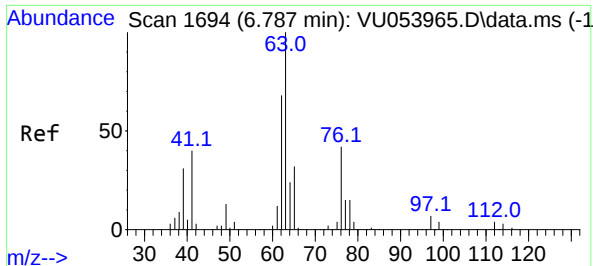
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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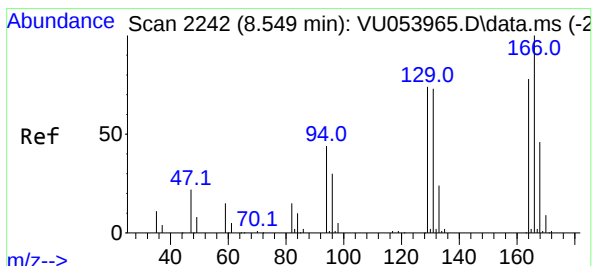
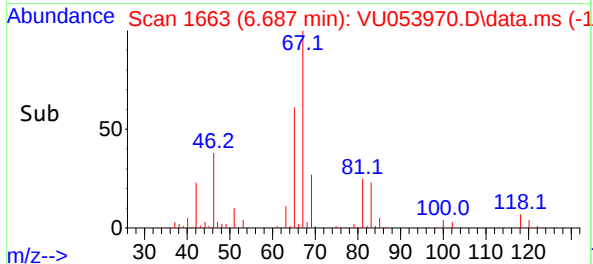
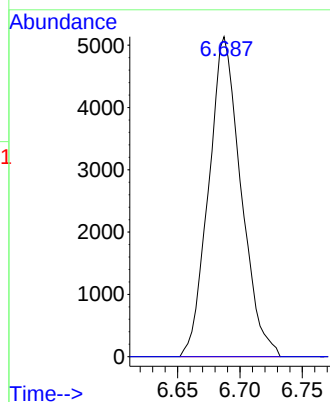
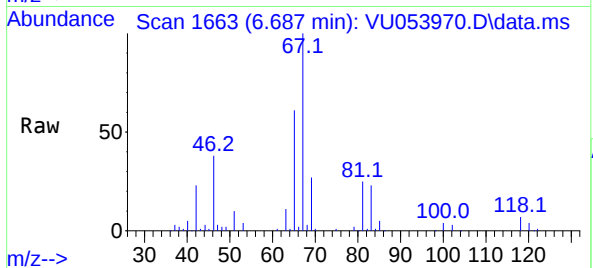




#37
1,2-Dichloropropane
Concen: 6.577 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053970.D
Acq: 28 Apr 2023 15:35

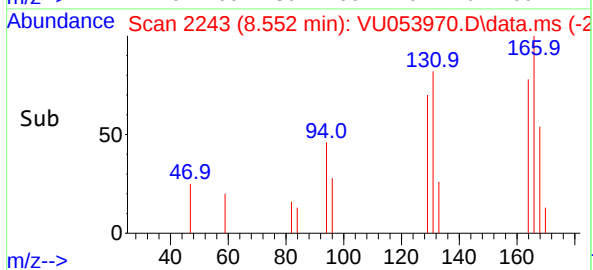
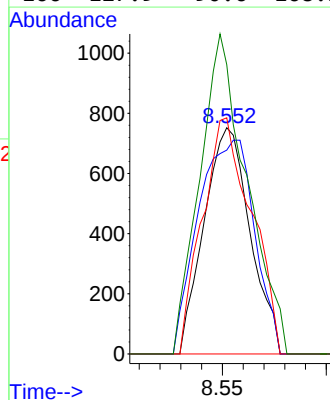
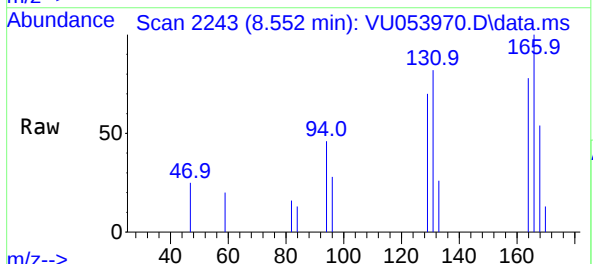
Instrument :
MSVOA_U
ClientSampleId :

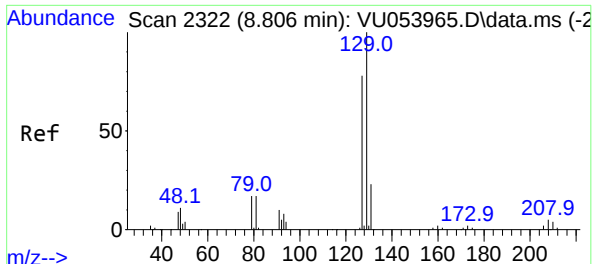
Tgt Ion: 63 Resp: 9267
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#46
Tetrachloroethene
Concen: 0.831 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU053970.D
Acq: 28 Apr 2023 15:35

Tgt Ion:164 Resp: 1157
Ion Ratio Lower Upper
164 100
129 90.2 64.0 119.0
131 104.4 61.9 115.1
166 127.9 90.6 168.2





#49

Dibromochloromethane

Concen: 0.834 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU053970.D

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Instrument :

MSVOA_U

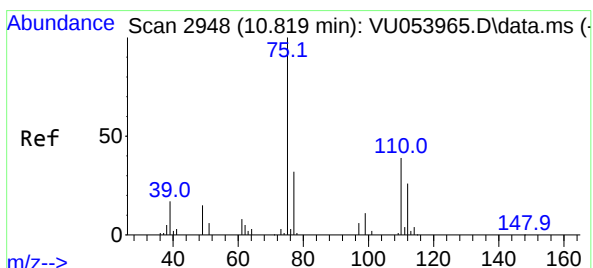
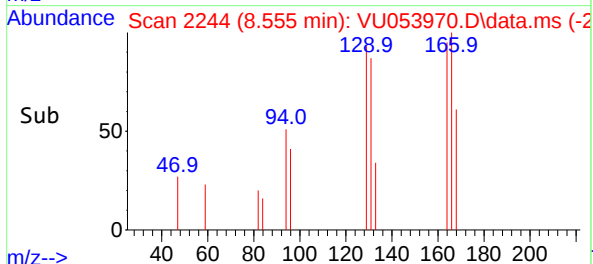
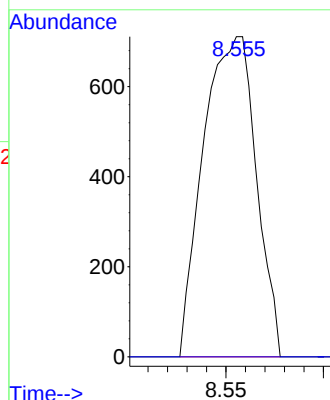
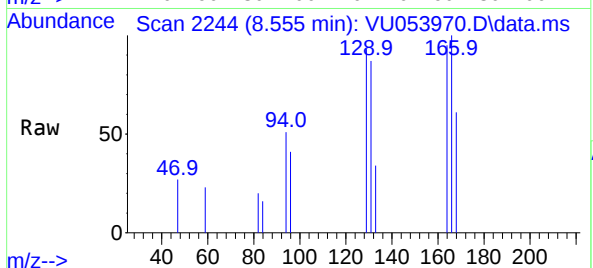
ClientSampleId :

Tgt Ion:129 Resp: 1342

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#60

1,2,3-Trichloropropane

Concen: 8.074 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053970.D

Acq: 28 Apr 2023 15:35

Tgt Ion: 75 Resp: 11703

Ion Ratio Lower Upper

75 100

77 29.4 26.0 39.0

110 1.8 32.6 48.8#

