

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050423\
 Data File : VU054061.D
 Acq On : 04 May 2023 14:41
 Operator : JC/MD
 Sample : 02593-01ME
 Misc : 5.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCCH7ME

Quant Time: May 05 04:35:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 05 04:34:01 2023
 Response via : Initial Calibration

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

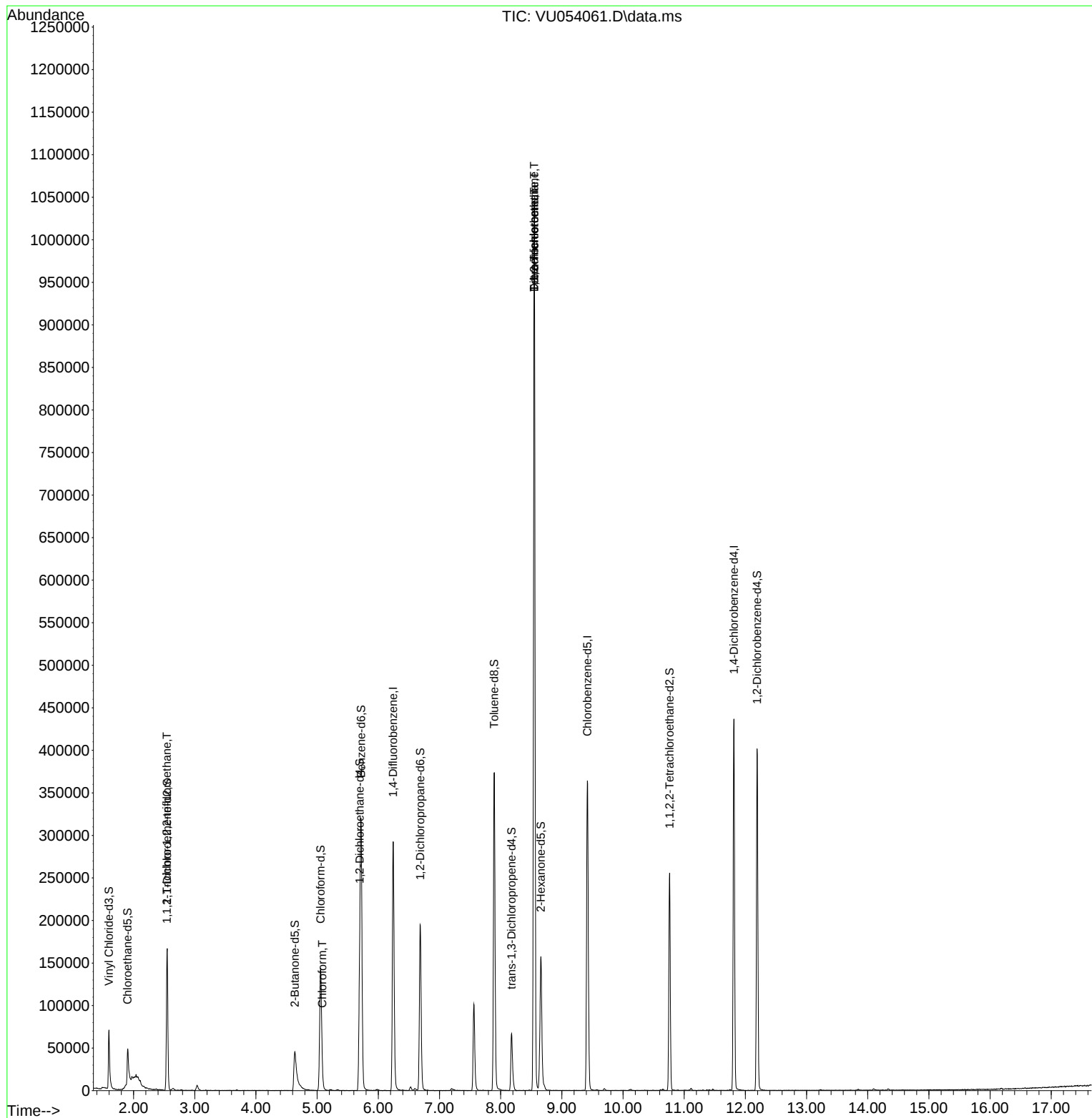
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	251796	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	234985	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	119836	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	65192	34.233	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.460%		
7) Chloroethane-d5	1.903	69	38992	31.192	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	62.380%#		
11) 1,1-Dichloroethene-d2	2.549	63	100881	29.867	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.740%#		
21) 2-Butanone-d5	4.636	46	96573	88.915	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.920%		
24) Chloroform-d	5.057	84	139388	39.853	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.700%		
26) 1,2-Dichloroethane-d4	5.697	65	99554	44.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.660%		
32) Benzene-d6	5.719	84	290594	42.013	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.020%		
36) 1,2-Dichloropropane-d6	6.684	67	96310	44.107	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.220%		
41) Toluene-d8	7.893	98	261881	41.937	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.880%		
43) trans-1,3-Dichloroprop...	8.179	79	47009	43.503	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.000%		
47) 2-Hexanone-d5	8.658	63	66768	85.371	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.370%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	125115	43.500	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.000%		
66) 1,2-Dichlorobenzene-d4	12.192	152	109045	46.580	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.160%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	1094	0.649	ug/L #	19
25) Chloroform	5.083	83	8903	2.631	ug/L	99
45) 1,1,2-Trichloroethane	8.549	97	1954	1.043	ug/L #	3
46) Tetrachloroethene	8.549	164	241186	167.470	ug/L	98
49) Dibromochloromethane	8.549	129	227266	123.138	ug/L #	12

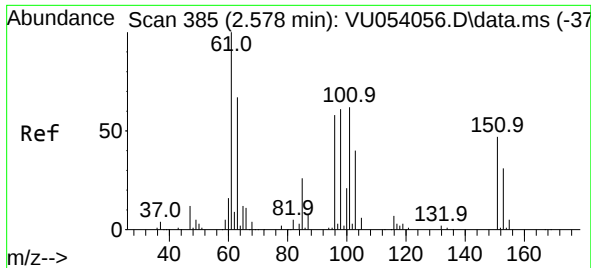
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 05 04:34:01 2023
Response via : Initial Calibration

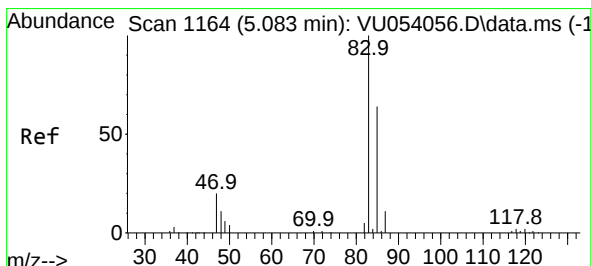
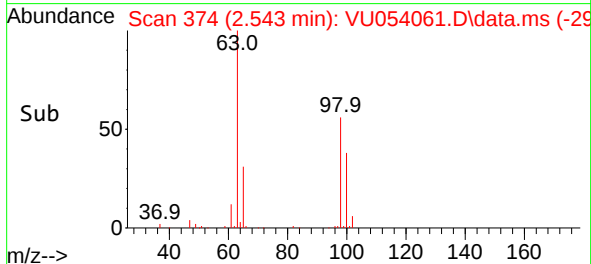
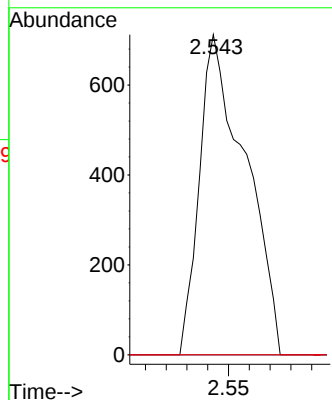
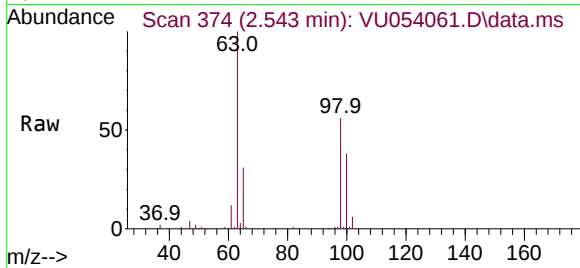




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.649 ug/L
RT: 2.543 min Scan# 31
Delta R.T. -0.035 min
Lab File: VU054061.D
Acq: 04 May 2023 14:41

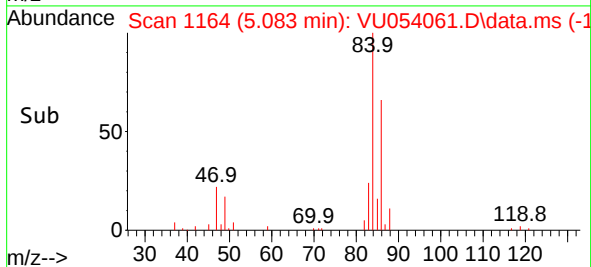
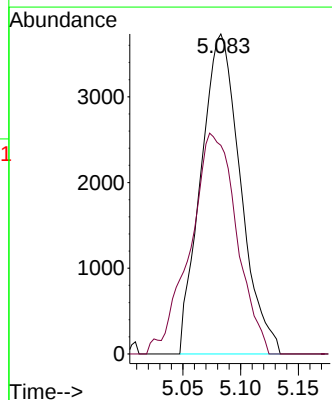
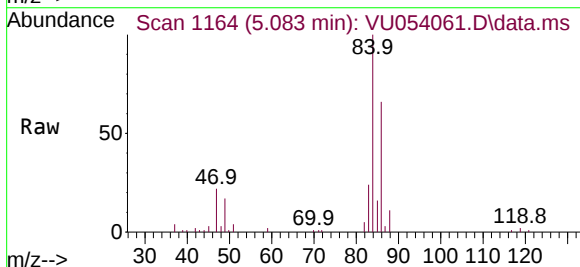
Instrument :
MSVOA_U
ClientSampleId :
DCCH7ME

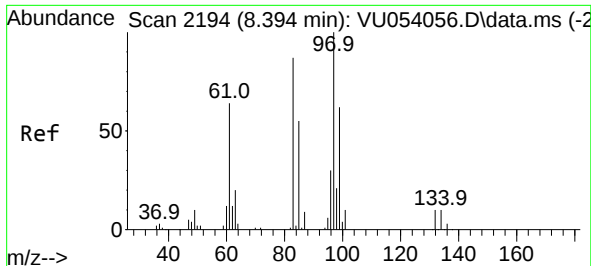
Tgt Ion:101 Resp: 1094
Ion Ratio Lower Upper
101 100
85 0.0 34.3 51.5#
151 0.0 60.3 90.5#



#25
Chloroform
Concen: 2.631 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VU054061.D
Acq: 04 May 2023 14:41

Tgt Ion: 83 Resp: 8903
Ion Ratio Lower Upper
83 100
85 65.2 45.2 84.0





#45

1,1,2-Trichloroethane

Concen: 1.043 ug/L

RT: 8.549 min Scan# 2194

Delta R.T. 0.154 min

Lab File: VU054061.D

Acq: 04 May 2023 14:41

Instrument :

MSVOA_U

ClientSampleId :

DCCH7ME

Tgt Ion: 97 Resp: 1954

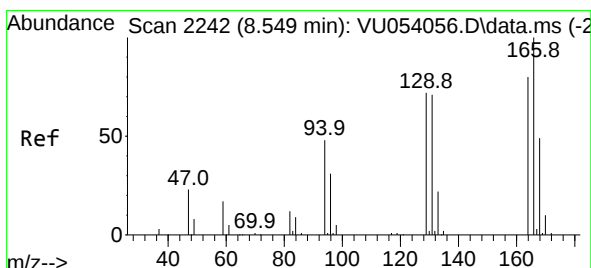
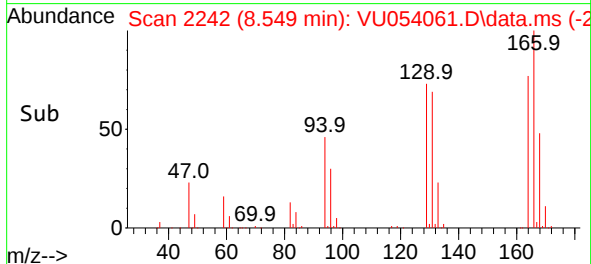
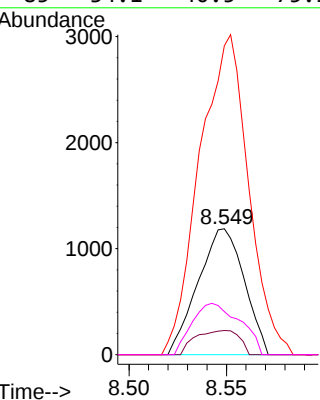
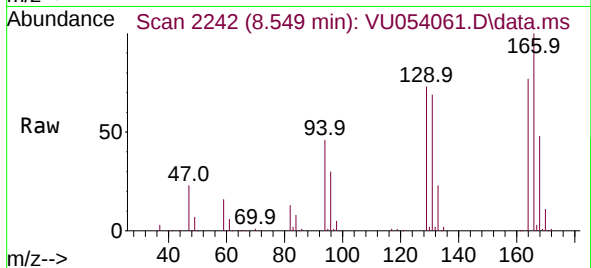
Ion Ratio Lower Upper

97 100

99 19.1 46.2 85.8#

83 245.5 62.7 116.5#

85 34.1 40.5 75.1#



#46

Tetrachloroethene

Concen: 167.470 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VU054061.D

Acq: 04 May 2023 14:41

Tgt Ion:164 Resp: 241186

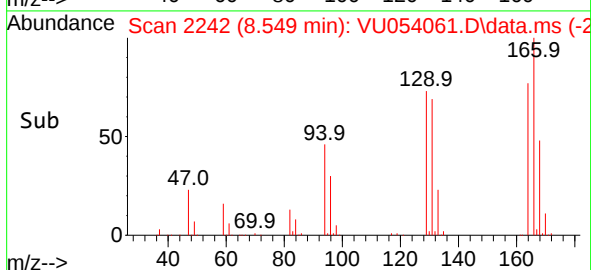
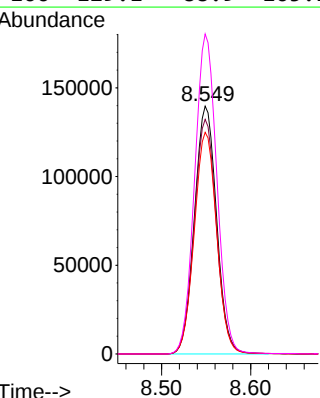
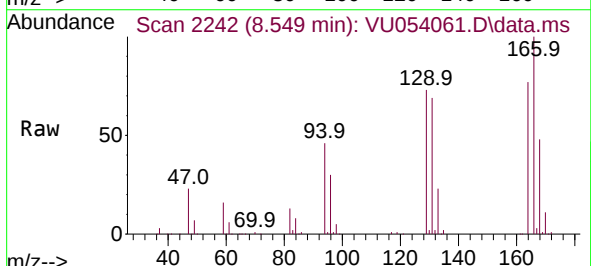
Ion Ratio Lower Upper

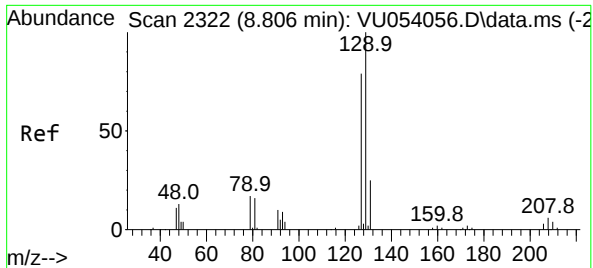
164 100

129 94.6 65.6 121.8

131 89.4 63.8 118.4

166 129.1 88.9 165.1





#49
 Dibromochloromethane
 Concen: 123.138 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU054061.D
 Acq: 04 May 2023 14:41

Instrument :
 MSVOA_U
 ClientSampleId :
 DCCH7ME

Tgt Ion:129 Resp: 227266
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.9 98.3#

