

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
 Data File : VU059378.D
 Acq On : 20 Jun 2024 14:26
 Operator : MD/SY
 Sample : P2960-13
 Misc : 5.74g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 21 05:58:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 21 05:55:12 2024
 Response via : Initial Calibration

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

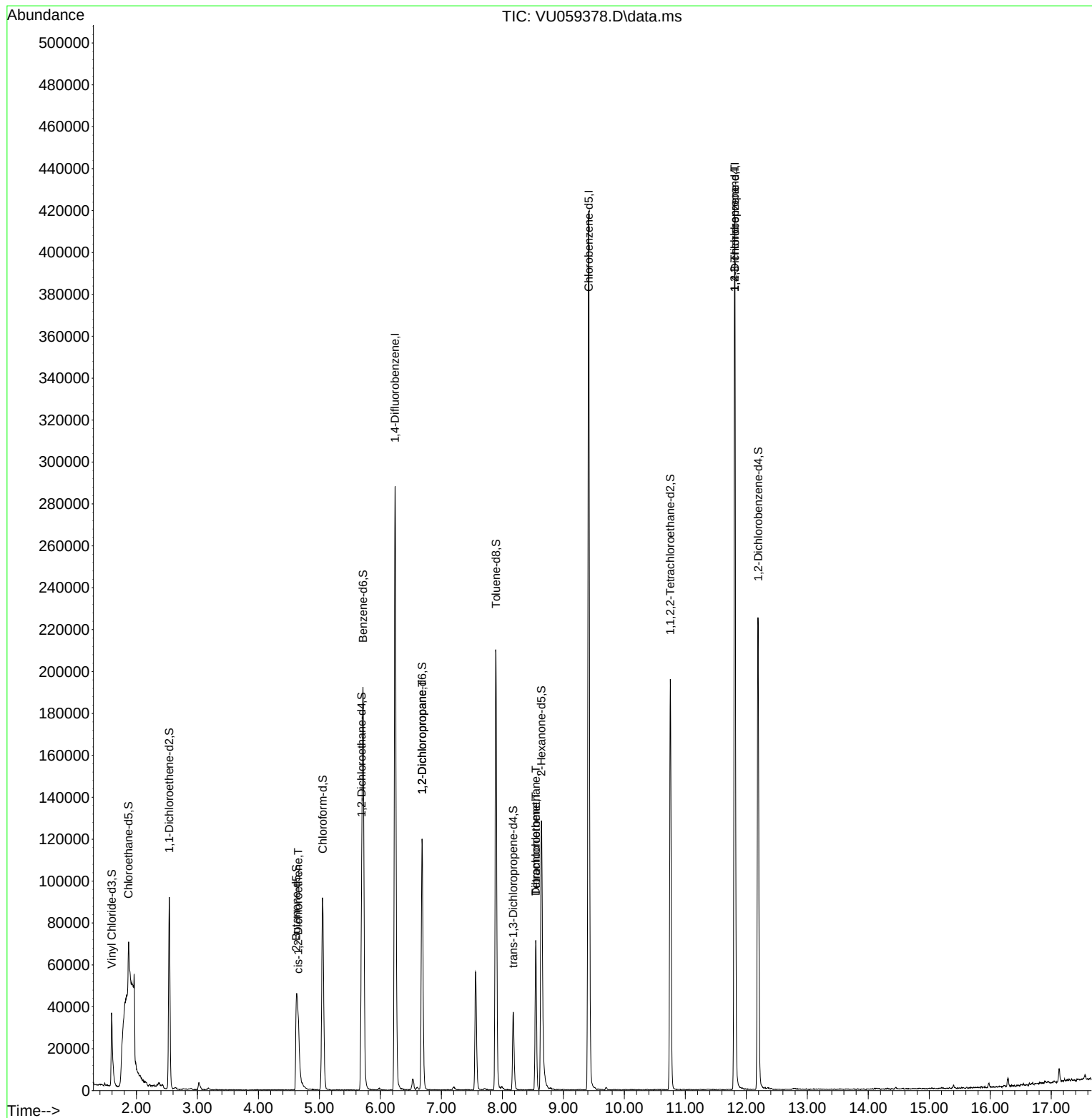
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	240966	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	248505	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	116339	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	37978	26.323	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	52.640%#		
7) Chloroethane-d5	1.869	69	22871	18.506	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	37.020%#		
11) 1,1-Dichloroethene-d2	2.538	63	54115	19.002	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	38.000%#		
21) 2-Butanone-d5	4.621	46	77976	57.340	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	57.340%		
24) Chloroform-d	5.052	84	88904	30.954	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	61.900%#		
26) 1,2-Dichloroethane-d4	5.692	65	58576	33.275	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	66.540%#		
32) Benzene-d6	5.714	84	179193	31.418	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	62.840%#		
36) 1,2-Dichloropropane-d6	6.682	67	59563	30.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	60.580%#		
41) Toluene-d8	7.894	98	149543	30.886	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	61.780%#		
43) trans-1,3-Dichloroprop...	8.177	79	23736	29.859	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.720%#		
47) 2-Hexanone-d5	8.640	63	52284	57.493	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	57.490%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	101924	30.624	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	61.240%#		
66) 1,2-Dichlorobenzene-d4	12.193	152	64027	36.878	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.760%#		
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.653	96	8154	3.894	ug/L	90
37) 1,2-Dichloropropane	6.682	63	6638	2.605	ug/L #	90
46) Tetrachloroethene	8.547	164	16040	10.960	ug/L	92
49) Dibromochloromethane	8.547	129	15012	7.251	ug/L #	11
60) 1,2,3-Trichloropropane	11.807	75	13403	4.143	ug/L #	70

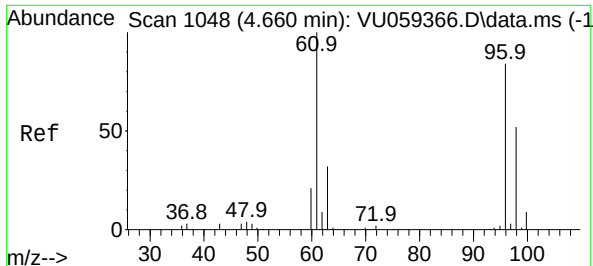
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 21 05:55:12 2024
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 3.894 ug/L

RT: 4.653 min Scan# 1

Delta R.T. -0.006 min

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MSVOA_U

ClientSampleId :

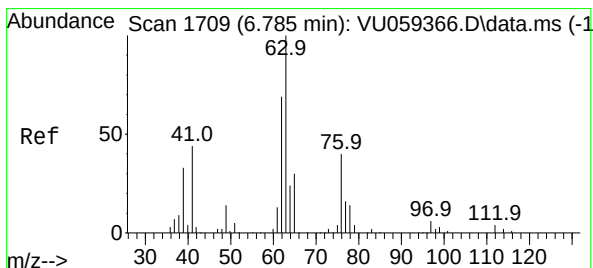
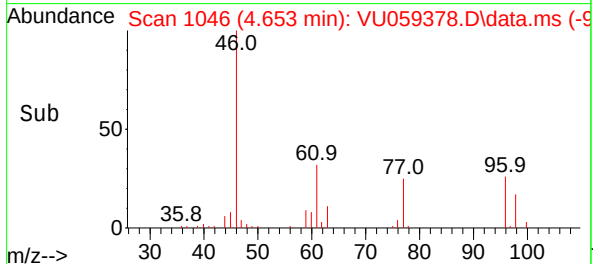
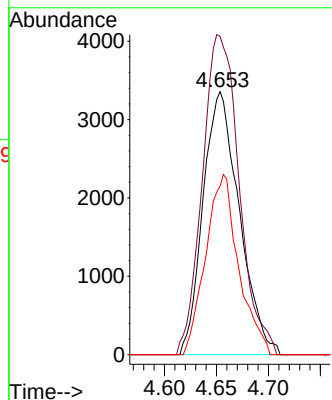
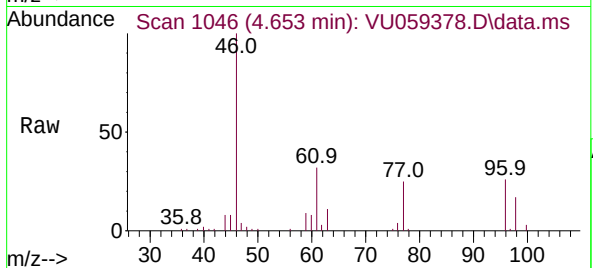
Tgt Ion: 96 Resp: 8154

Ion Ratio Lower Upper

96 100

61 121.0 96.2 178.6

98 64.0 45.6 84.6



#37

1,2-Dichloropropane

Concen: 2.605 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU059378.D

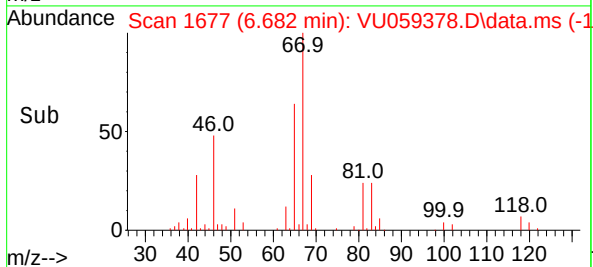
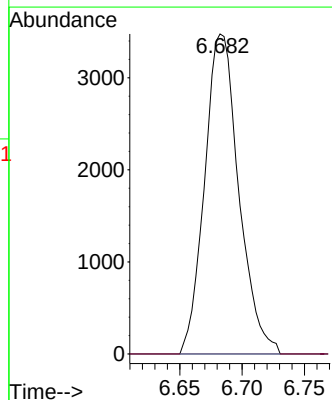
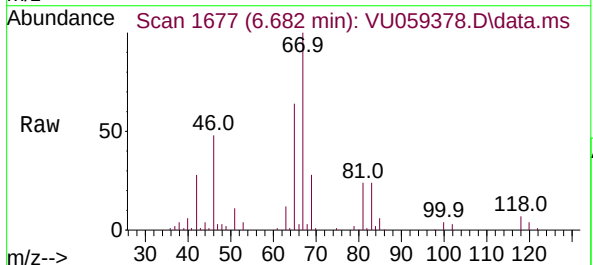
Acq: 20 Jun 2024 14:26

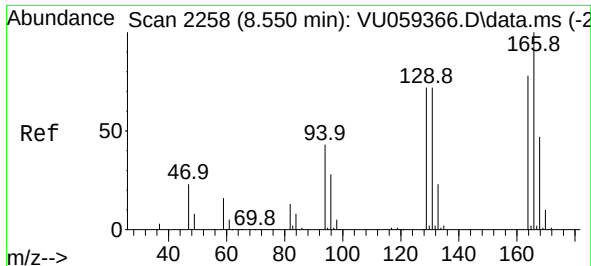
Tgt Ion: 63 Resp: 6638

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#46

Tetrachloroethene

Concen: 10.960 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU059378.D

Acq: 20 Jun 2024 14:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 16040

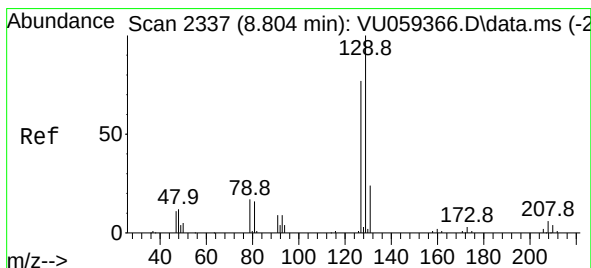
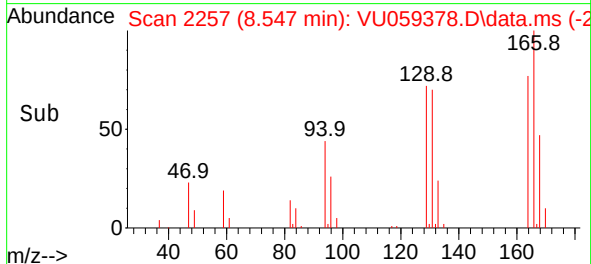
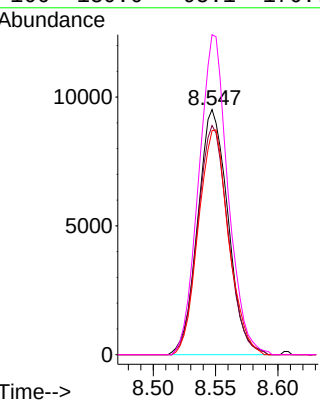
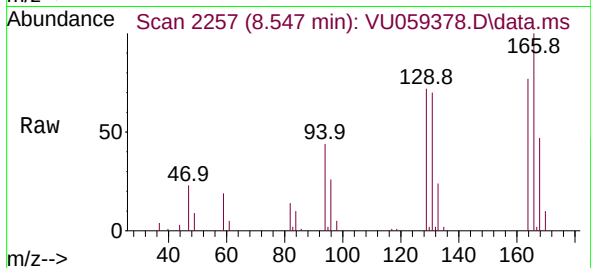
Ion Ratio Lower Upper

164 100

129 93.5 74.5 138.5

131 91.4 70.6 131.0

166 130.6 95.1 176.7



#49

Dibromochloromethane

Concen: 7.251 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU059378.D

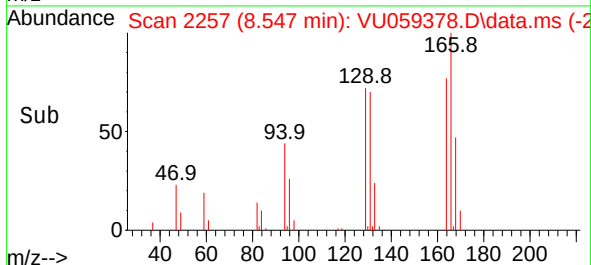
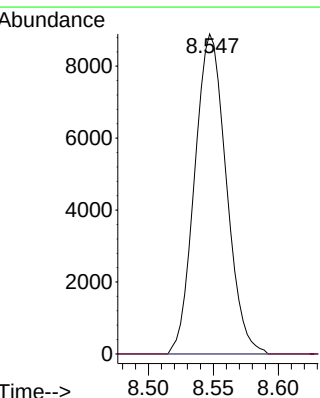
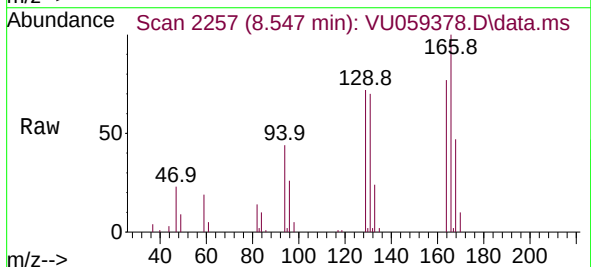
Acq: 20 Jun 2024 14:26

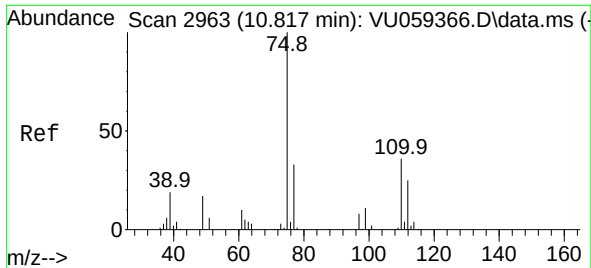
Tgt Ion:129 Resp: 15012

Ion Ratio Lower Upper

129 100

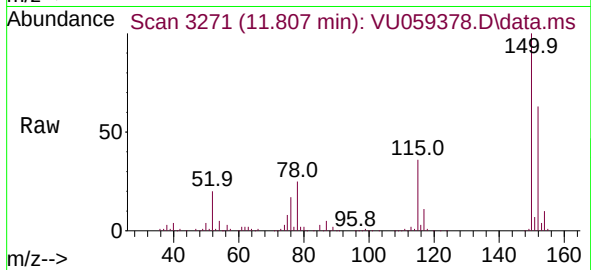
127 0.0 53.3 98.9#





#60
 1,2,3-Trichloropropane
 Concen: 4.143 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU059378.D
 Acq: 20 Jun 2024 14:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	13403
Ion	Ratio	Lower Upper
75	100	
77	31.7	26.2 39.2
110	2.4	28.4 42.6#

