

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071124\
 Data File : VU059902.D
 Acq On : 11 Jul 2024 11:39
 Operator : MD/SY
 Sample : P3198-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 12 02:05:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 12 02:03:36 2024
 Response via : Initial Calibration

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

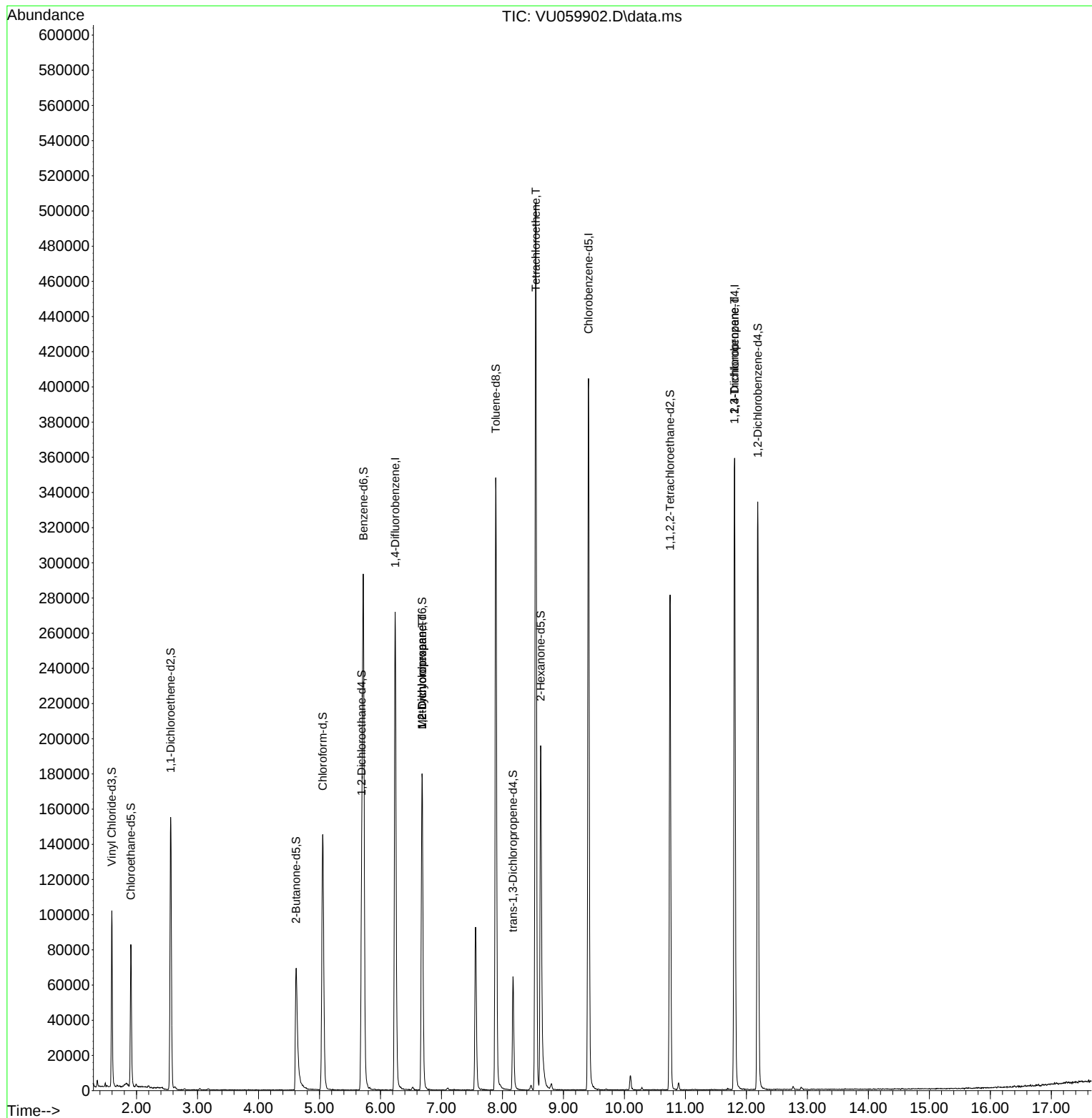
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	233556	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	244500	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105774	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	71908	47.952	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.900%		
7) Chloroethane-d5	1.907	69	62792	49.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.560%		
11) 1,1-Dichloroethene-d2	2.560	63	89515	33.600	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.200%		
21) 2-Butanone-d5	4.618	46	102606	98.456	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.460%		
24) Chloroform-d	5.052	84	142561	49.091	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.180%		
26) 1,2-Dichloroethane-d4	5.692	65	87737	50.812	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.620%		
32) Benzene-d6	5.721	84	285245	45.560	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.120%		
36) 1,2-Dichloropropane-d6	6.682	67	92319	47.642	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.280%		
41) Toluene-d8	7.891	98	248817	41.790	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.580%		
43) trans-1,3-Dichloroprop...	8.174	79	39095	43.116	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.240%		
47) 2-Hexanone-d5	8.627	63	71426	87.463	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.460%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	143741	48.329	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.660%		
66) 1,2-Dichlorobenzene-d4	12.187	152	96962	49.885	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.780%		
Target Compounds					Qvalue	
35) Methylcyclohexane	6.682	83	21648	8.896	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	9193	5.059	ug/L #	88
46) Tetrachloroethene	8.547	164	119850	82.687	ug/L	99
60) 1,2,3-Trichloropropane	11.804	75	11736	5.846	ug/L #	65

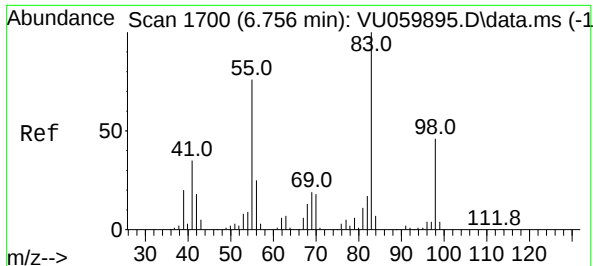
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 8.896 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU059902.D

Acq: 11 Jul 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

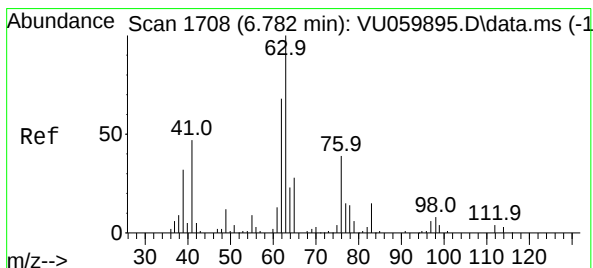
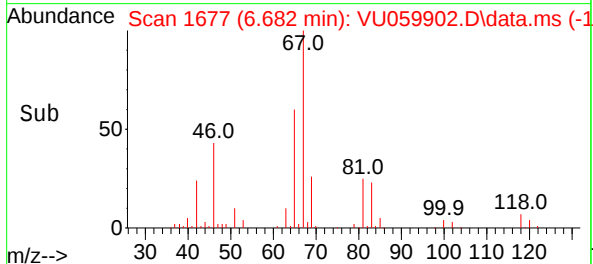
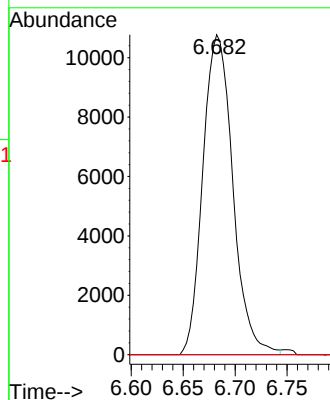
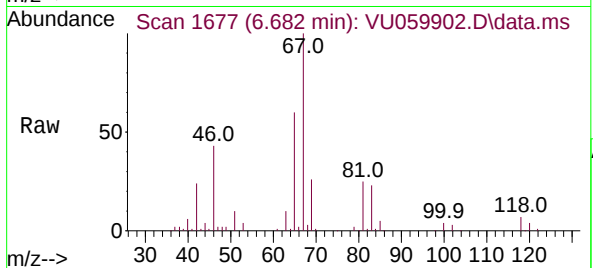
Tgt Ion: 83 Resp: 21648

Ion Ratio Lower Upper

83 100

55 0.0 56.8 85.2#

98 0.0 36.5 54.7#



#37

1,2-Dichloropropane

Concen: 5.059 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU059902.D

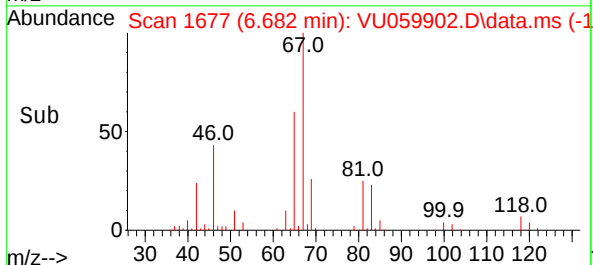
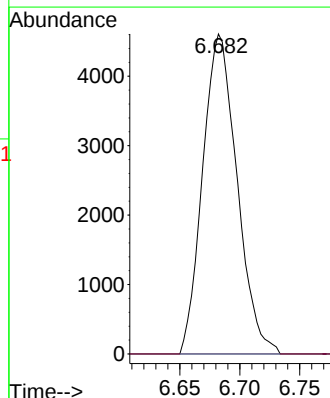
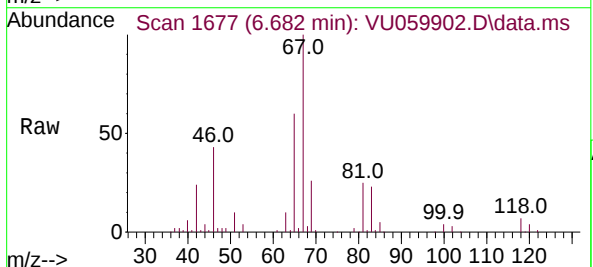
Acq: 11 Jul 2024 11:39

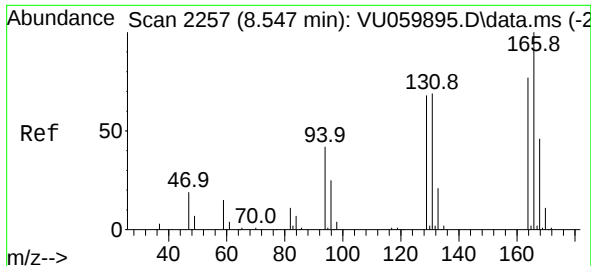
Tgt Ion: 63 Resp: 9193

Ion Ratio Lower Upper

63 100

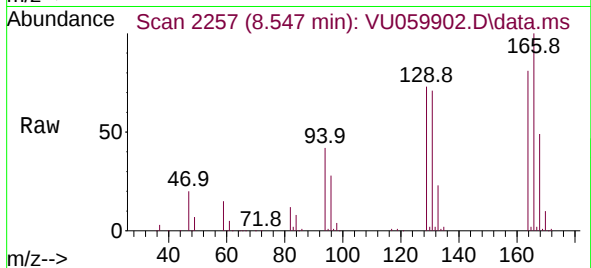
112 0.0 3.0 4.6#



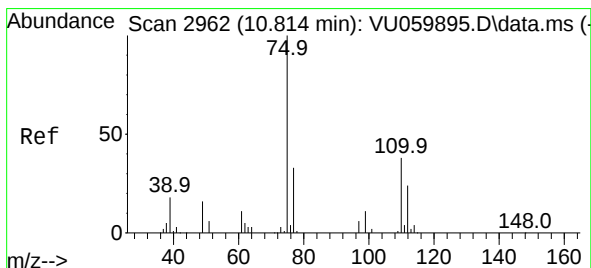
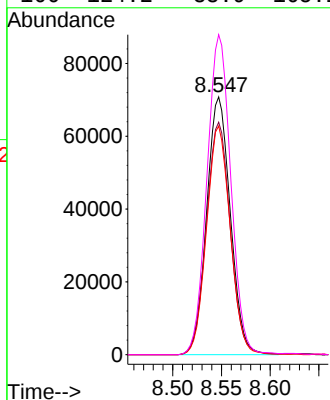
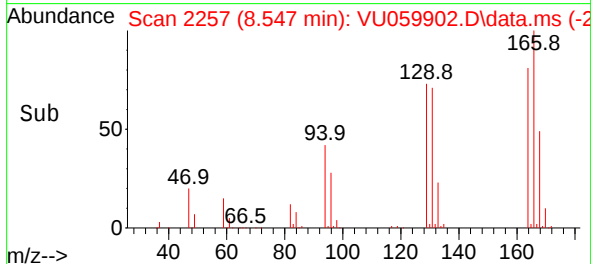


#46
Tetrachloroethene
Concen: 82.687 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059902.D
Acq: 11 Jul 2024 11:39

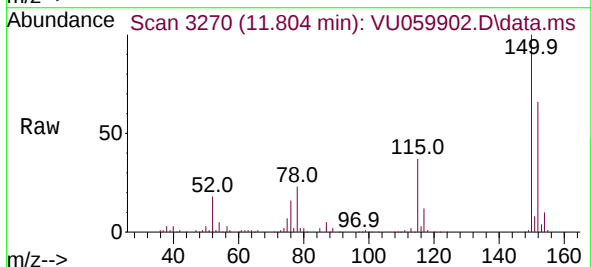
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Tgt Ion:164 Resp: 119850
Ion Ratio Lower Upper
164 100
129 90.2 62.7 116.5
131 88.8 62.3 115.7
166 124.2 88.9 165.1



#60
1,2,3-Trichloropropane
Concen: 5.846 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU059902.D
Acq: 11 Jul 2024 11:39



Tgt Ion: 75 Resp: 11736
Ion Ratio Lower Upper
75 100
77 30.2 25.5 38.3
110 0.6 30.7 46.1#

