

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042923\
 Data File : VU053969.D
 Acq On : 28 Apr 2023 14:34
 Operator : JC/MD
 Sample : 02549-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:31:38 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)

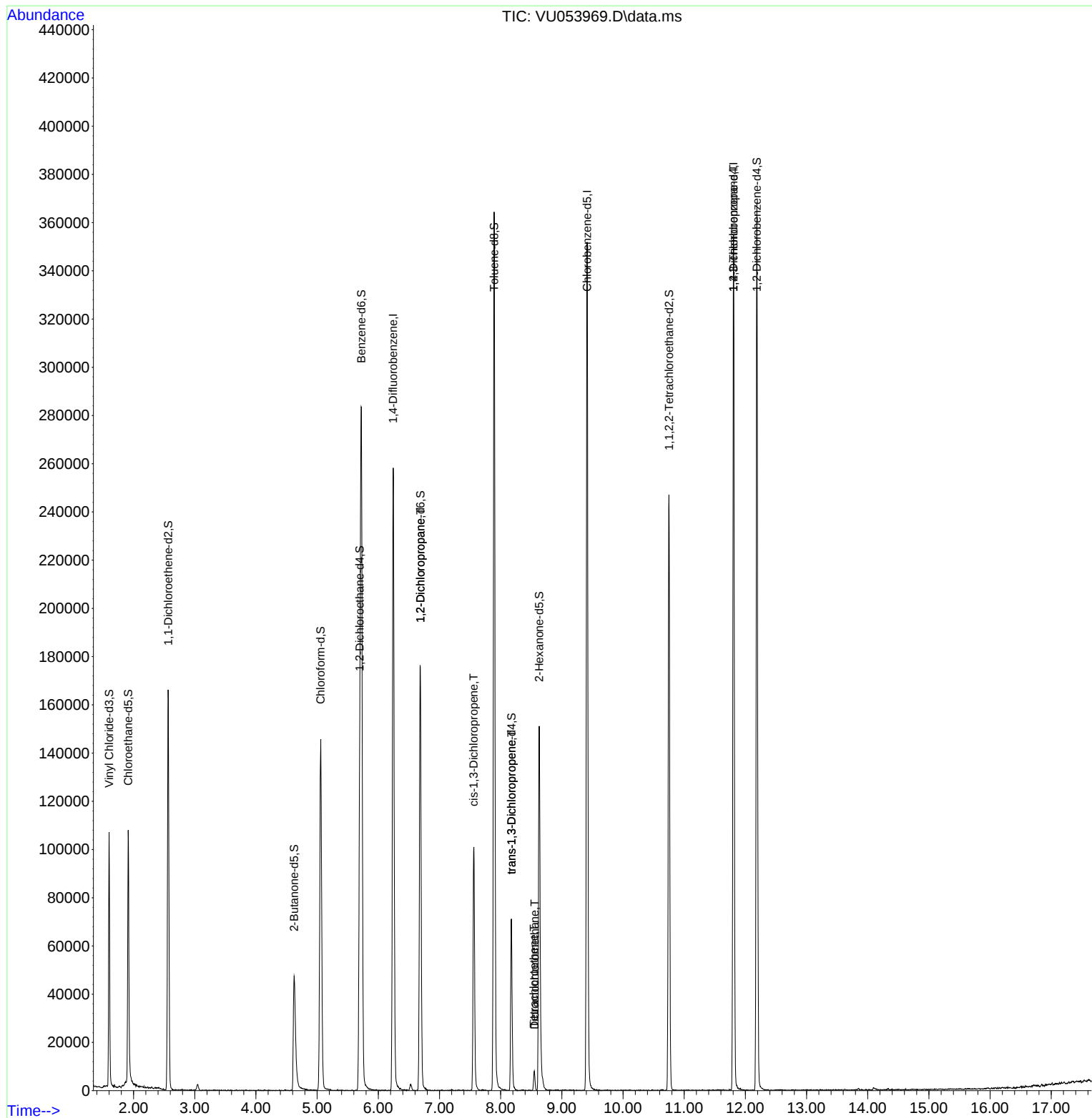
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	228157	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	213615	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	99076	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	78019	43.916	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.840%
7) Chloroethane-d5	1.912	69	77480	56.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.120%
11) 1,1-Dichloroethene-d2	2.565	63	91029	33.101	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.200%
21) 2-Butanone-d5	4.623	46	72337	89.932	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.930%
24) Chloroform-d	5.057	84	136937	46.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.220%
26) 1,2-Dichloroethane-d4	5.697	65	84977	48.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.900%
32) Benzene-d6	5.723	84	280593	48.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
36) 1,2-Dichloropropane-d6	6.687	67	87179	49.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.940%
41) Toluene-d8	7.893	98	260263	45.414	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.820%
43) trans-1,3-Dichloroprop...	8.176	79	40969	45.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.060%
47) 2-Hexanone-d5	8.629	63	57437	95.491	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.490%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	122393	49.272	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.540%
66) 1,2-Dichlorobenzene-d4	12.189	152	100029	48.368	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.740%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.687	63	9040	6.397	ug/L #	86
39) cis-1,3-Dichloropropene	7.559	75	2671	1.157	ug/L #	68
44) trans-1,3-Dichloropropene	8.176	75	1844	0.845	ug/L	95
46) Tetrachloroethene	8.546	164	1990	1.425	ug/L	83
49) Dibromochloromethane	8.555	129	1736	1.076	ug/L #	11
60) 1,2,3-Trichloropropane	11.806	75	10839	7.545	ug/L #	65

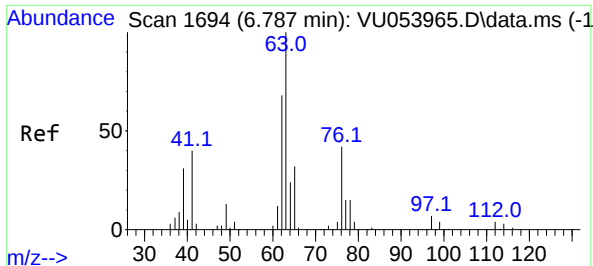
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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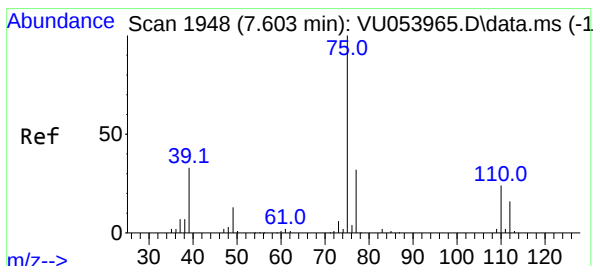
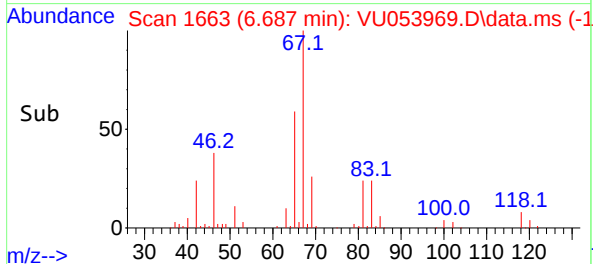
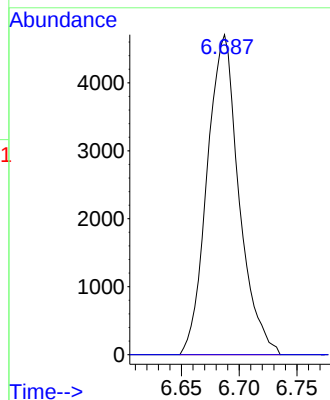
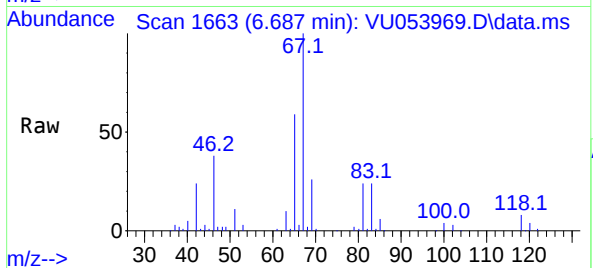




#37
1,2-Dichloropropane
Concen: 6.397 ug/L
RT: 6.687 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU053969.D
Acq: 28 Apr 2023 14:34

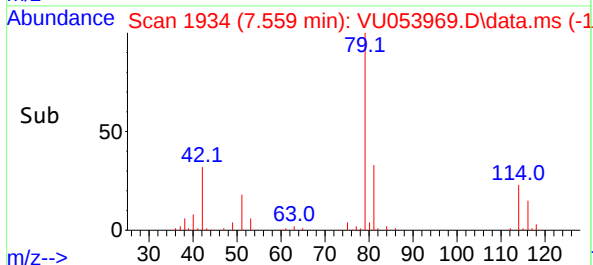
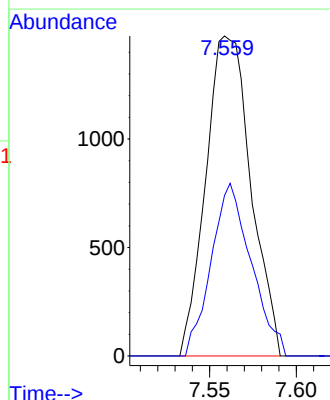
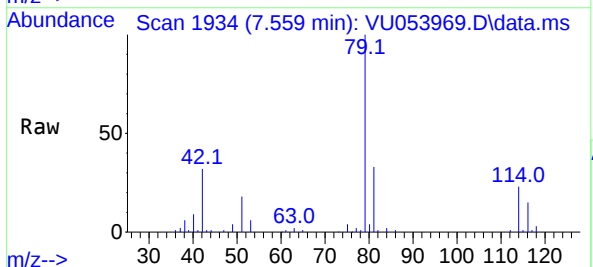
Instrument :
MSVOA_U
ClientSampleId :

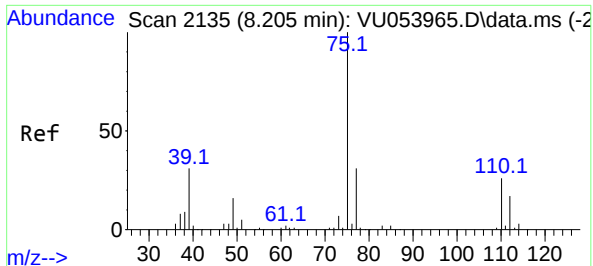
Tgt Ion: 63 Resp: 9040
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.157 ug/L
RT: 7.559 min Scan# 1934
Delta R.T. -0.042 min
Lab File: VU053969.D
Acq: 28 Apr 2023 14:34

Tgt Ion: 75 Resp: 2671
Ion Ratio Lower Upper
75 100
77 50.2 22.5 41.7#

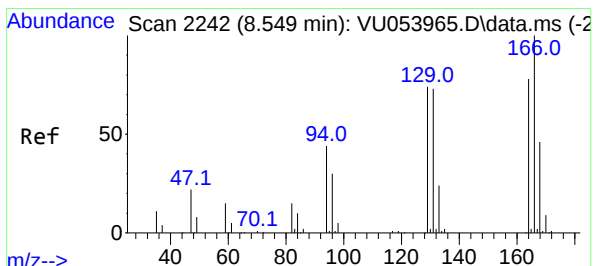
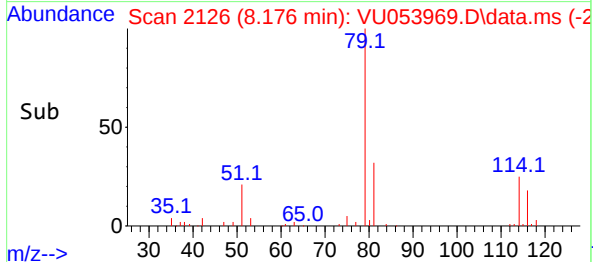
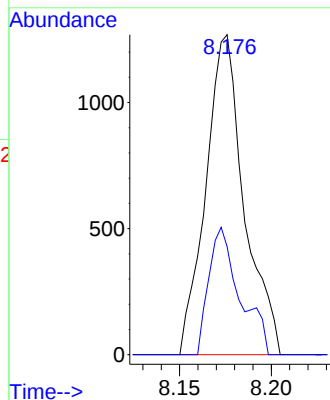
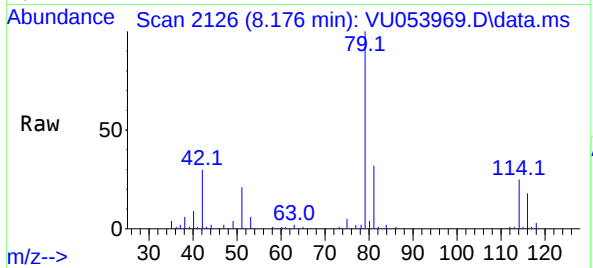




#44
trans-1,3-Dichloropropene
Concen: 0.845 ug/L
RT: 8.176 min Scan# 2135
Delta R.T. -0.029 min
Lab File: VU053969.D
Acq: 28 Apr 2023 14:34

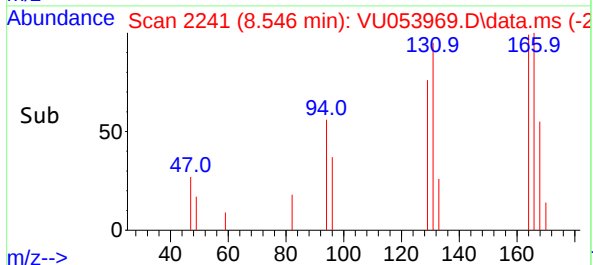
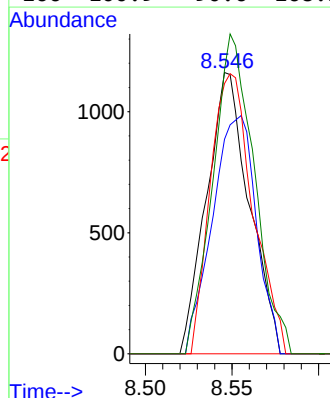
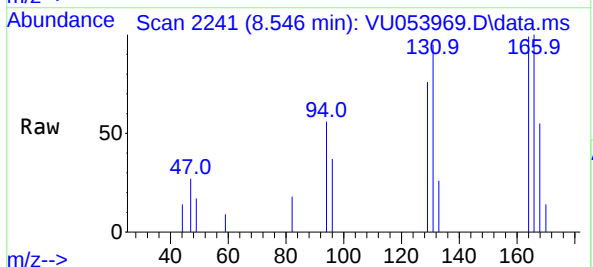
Instrument :
MSVOA_U
ClientSampleId :

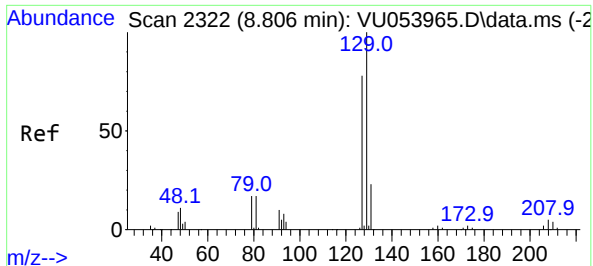
Tgt Ion: 75 Resp: 1844
Ion Ratio Lower Upper
75 100
77 33.8 21.8 40.4



#46
Tetrachloroethene
Concen: 1.425 ug/L
RT: 8.546 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VU053969.D
Acq: 28 Apr 2023 14:34

Tgt Ion:164 Resp: 1990
Ion Ratio Lower Upper
164 100
129 76.2 64.0 119.0
131 96.0 61.9 115.1
166 100.9 90.6 168.2





#49

Dibromochloromethane

Concen: 1.076 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU053969.D

Acq: 28 Apr 2023 14:34

Instrument :

MSVOA_U

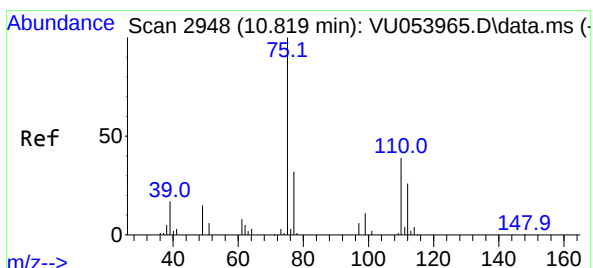
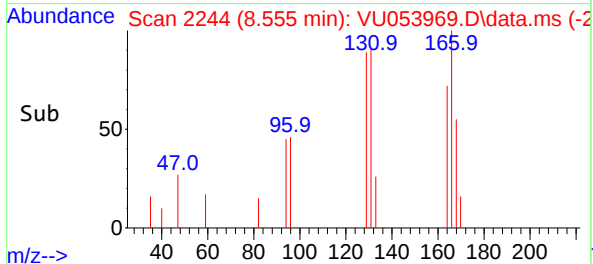
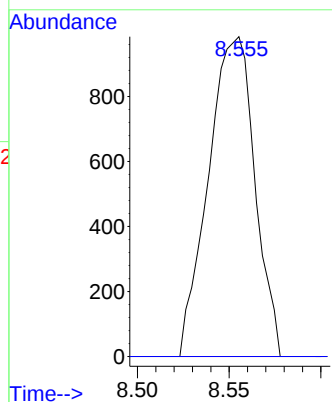
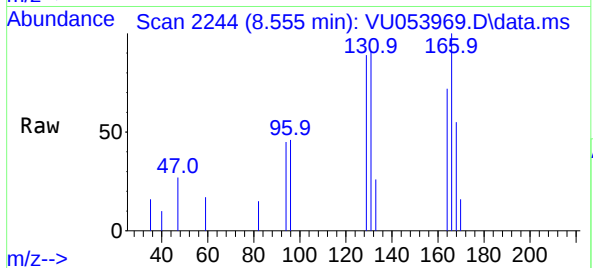
ClientSampleId :

Tgt Ion:129 Resp: 1736

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#60

1,2,3-Trichloropropane

Concen: 7.545 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU053969.D

Acq: 28 Apr 2023 14:34

Tgt Ion: 75 Resp: 10839

Ion Ratio Lower Upper

75 100

77 31.9 26.0 39.0

110 1.5 32.6 48.8#

