

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052026.D
 Acq On : 22 Nov 2022 05:19
 Operator : JC/MD
 Sample : N5679-06ME
 Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 07:19:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 03:27:10 2022
 Response via : Initial Calibration

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

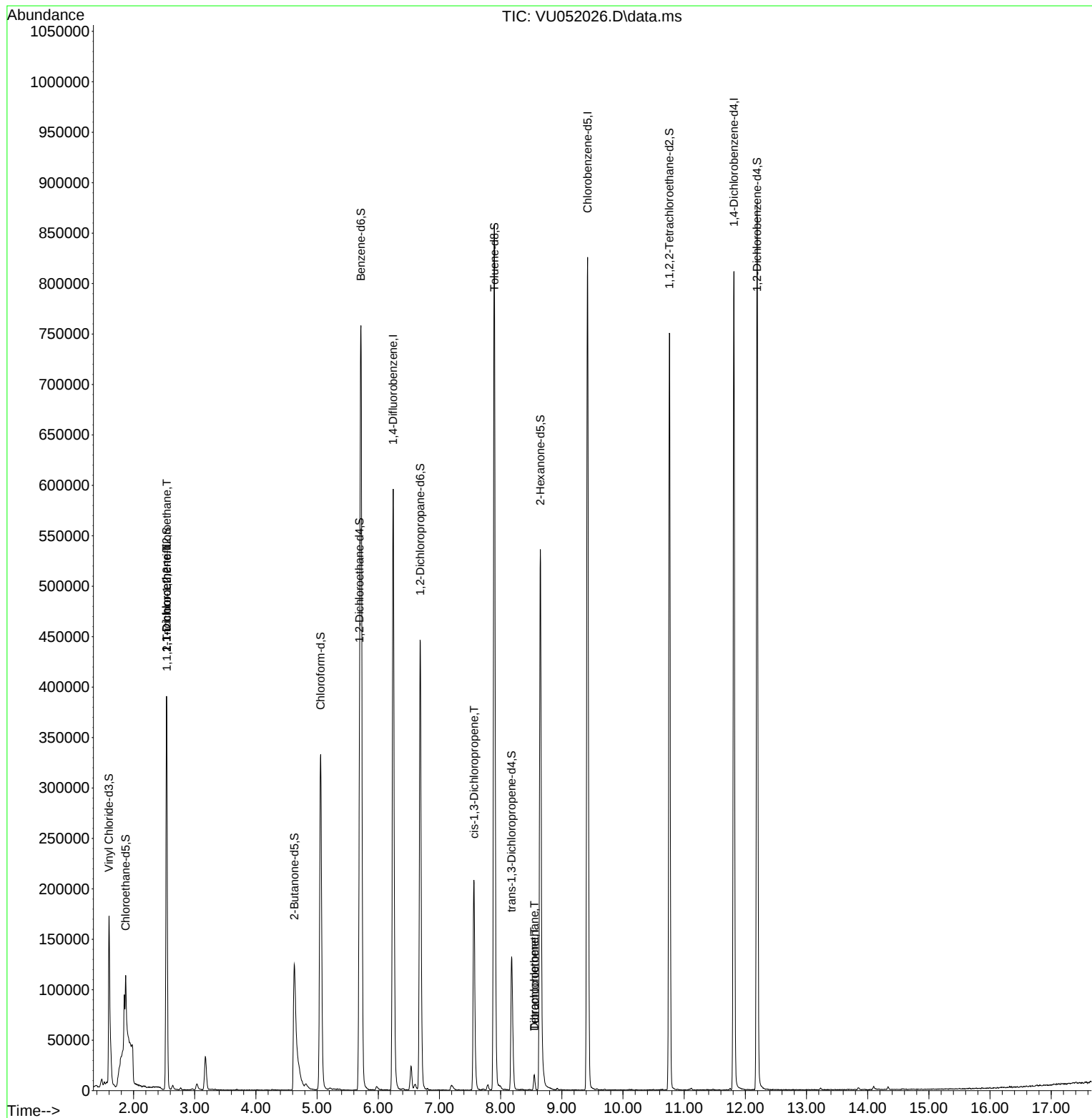
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	520325	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	527820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	223936	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	179151	39.732	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.460%
7) Chloroethane-d5	1.871	69	61872	17.326	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	34.660%#
11) 1,1-Dichloroethene-d2	2.540	63	226999	33.963	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.920%
21) 2-Butanone-d5	4.626	46	268822	99.212	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.210%
24) Chloroform-d	5.057	84	326829	44.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.480%
26) 1,2-Dichloroethane-d4	5.694	65	206572	46.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.980%
32) Benzene-d6	5.716	84	703042	44.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
36) 1,2-Dichloropropane-d6	6.684	67	232663	46.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.060%
41) Toluene-d8	7.896	98	623105	44.329	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.660%
43) trans-1,3-Dichloroprop...	8.179	79	95037	44.171	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.340%
47) 2-Hexanone-d5	8.649	63	218005	110.571	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.570%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	390840	48.879	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.760%
66) 1,2-Dichlorobenzene-d4	12.192	152	236478	51.066	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.140%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	2235	0.708	ug/L #	22
12) 1,1-Dichloroethene	2.540	96	1872	0.621	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	5374	0.910	ug/L #	79
46) Tetrachloroethene	8.552	164	3729	1.355	ug/L	97
49) Dibromochloromethane	8.552	129	3370	0.770	ug/L #	10

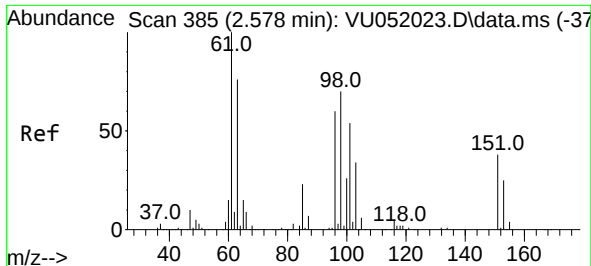
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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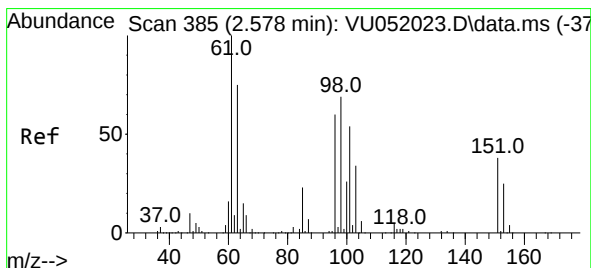
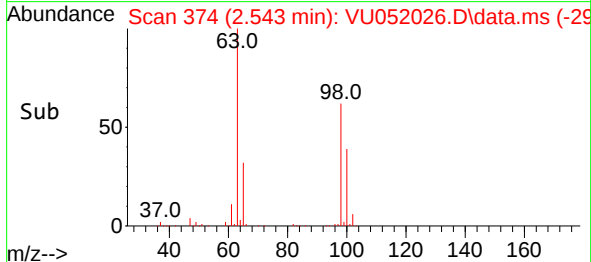
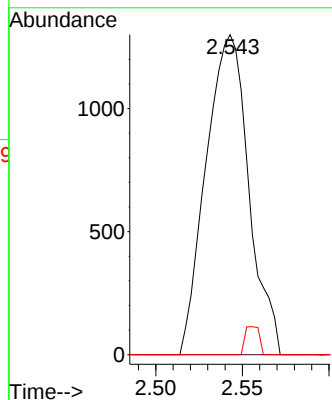
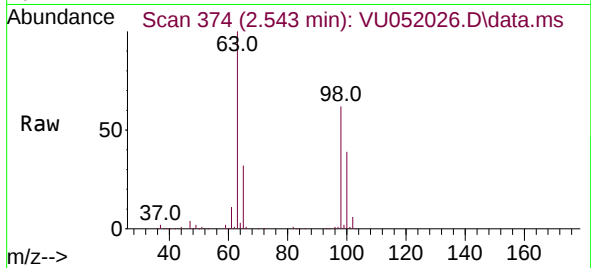




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.708 ug/L
RT: 2.543 min Scan# 31
Delta R.T. -0.035 min
Lab File: VU052026.D
Acq: 22 Nov 2022 05:19

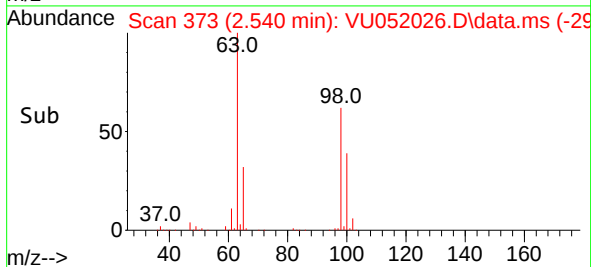
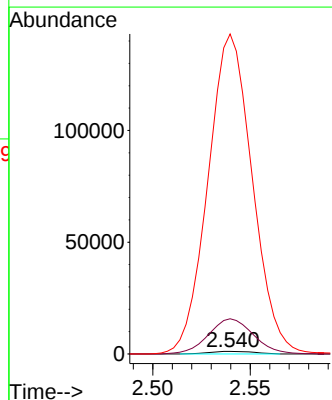
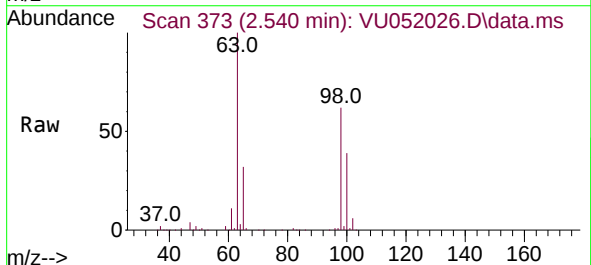
Instrument :
MSVOA_U
ClientSampleId :

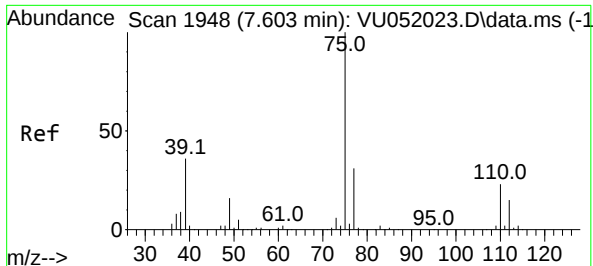
Tgt Ion:101 Resp: 2235
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 2.9 58.9 88.3#



#12
1,1-Dichloroethene
Concen: 0.621 ug/L
RT: 2.540 min Scan# 373
Delta R.T. -0.038 min
Lab File: VU052026.D
Acq: 22 Nov 2022 05:19

Tgt Ion: 96 Resp: 1872
Ion Ratio Lower Upper
96 100
61 1376.9 114.2 212.0#
63 12514.7 90.9 168.7#





#39

cis-1,3-Dichloropropene

Concen: 0.910 ug/L

RT: 7.565 min Scan# 1948

Delta R.T. -0.038 min

Lab File: VU052026.D

Acq: 22 Nov 2022 05:19

Instrument :

MSVOA_U

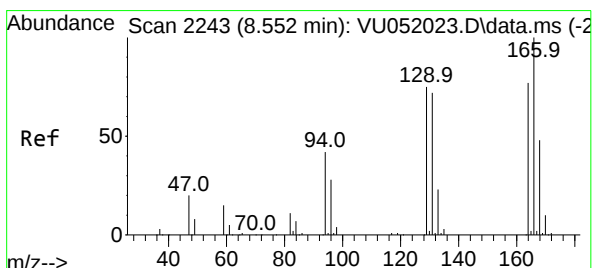
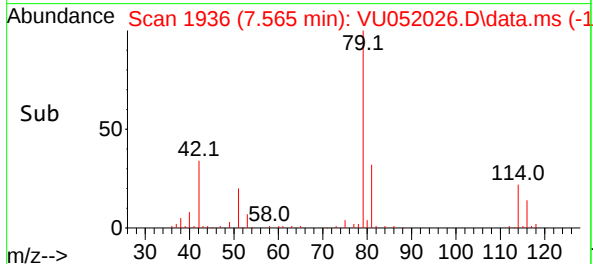
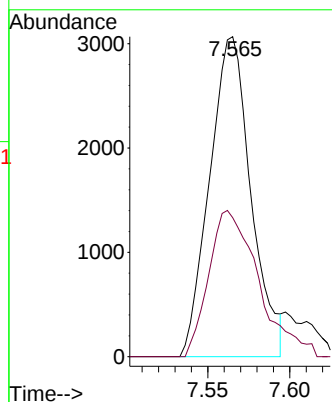
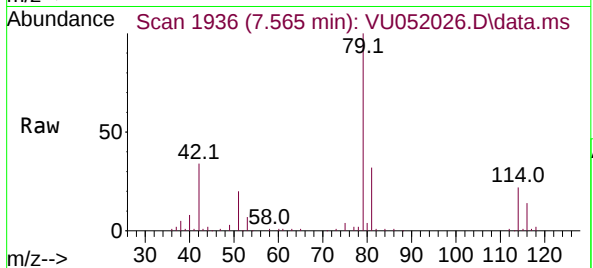
ClientSampleId :

Tgt Ion: 75 Resp: 5374

Ion Ratio Lower Upper

75 100

77 43.5 22.3 41.3#



#46

Tetrachloroethene

Concen: 1.355 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU052026.D

Acq: 22 Nov 2022 05:19

Tgt Ion:164 Resp: 3729

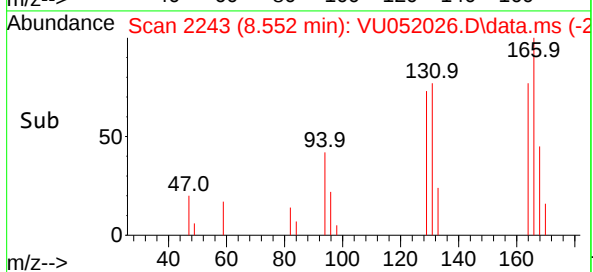
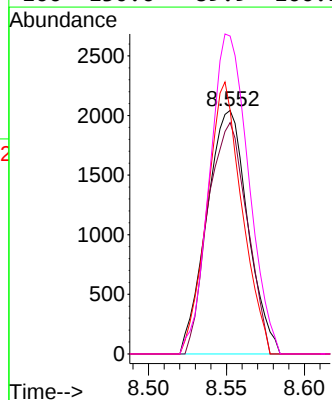
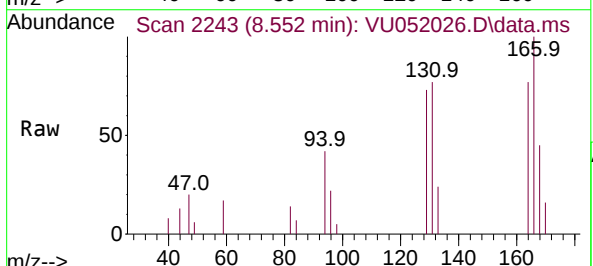
Ion Ratio Lower Upper

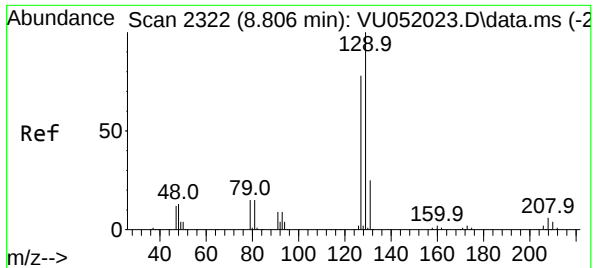
164 100

129 95.1 67.3 124.9

131 100.1 65.2 121.2

166 130.6 89.9 166.9





#49

Dibromochloromethane

Concen: 0.770 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

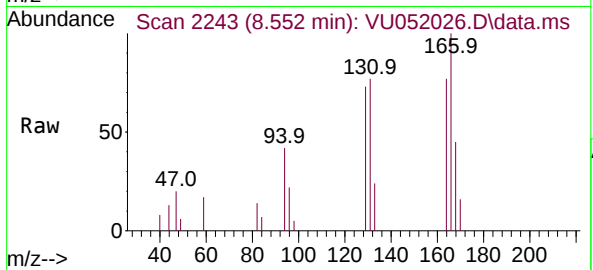
Lab File: VU052026.D

Acq: 22 Nov 2022 05:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:129 Resp: 3370

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#

