

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055828.D
 Acq On : 20 Oct 2023 13:26
 Operator : MD/SY
 Sample : 04922-03
 Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOAQ9

Quant Time: Oct 23 01:06:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

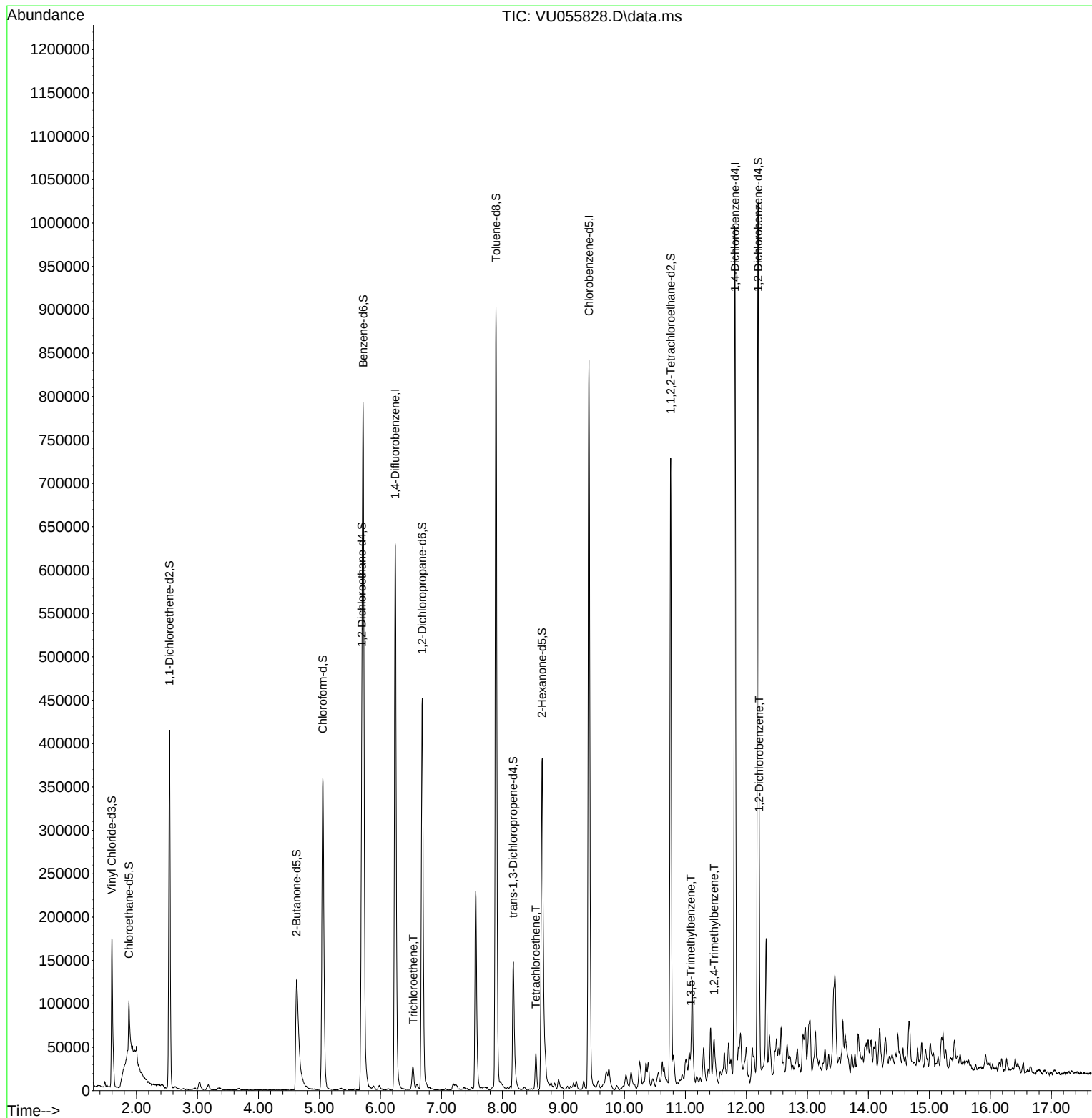
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	544556	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	539334	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	256463	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	168688	34.536	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.080%
7) Chloroethane-d5	1.875	69	64426	16.136	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	32.280%#
11) 1,1-Dichloroethene-d2	2.541	63	249808	28.683	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.360%#
21) 2-Butanone-d5	4.624	46	263593	72.830	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.830%
24) Chloroform-d	5.055	84	361614	38.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.240%
26) 1,2-Dichloroethane-d4	5.695	65	238581	41.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.780%
32) Benzene-d6	5.718	84	716851	41.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.080%
36) 1,2-Dichloropropane-d6	6.685	67	231819	42.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.860%
41) Toluene-d8	7.894	98	639099	41.016	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.040%
43) trans-1,3-Dichloroprop...	8.177	79	104388	39.778	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.560%
47) 2-Hexanone-d5	8.650	63	147646	68.748	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.750%
56) 1,1,2,2-Tetrachloroeth...	10.759	84	354708	42.183	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.360%
66) 1,2-Dichlorobenzene-d4	12.193	152	242773	47.702	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.541	95	5457	1.170	ug/L	90
46) Tetrachloroethene	8.550	164	8590	2.572	ug/L	92
62) 1,3,5-Trimethylbenzene	11.090	105	13200	1.020	ug/L	99
63) 1,2,4-Trimethylbenzene	11.473	105	21303	1.665	ug/L	100
67) 1,2-Dichlorobenzene	12.212	146	18931	2.414	ug/L	93

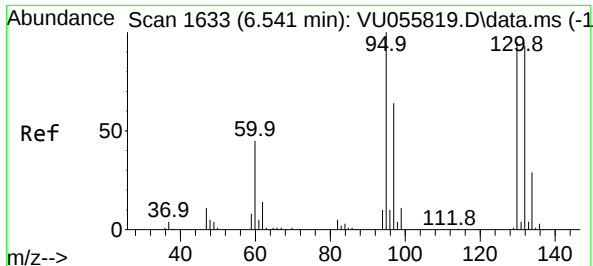
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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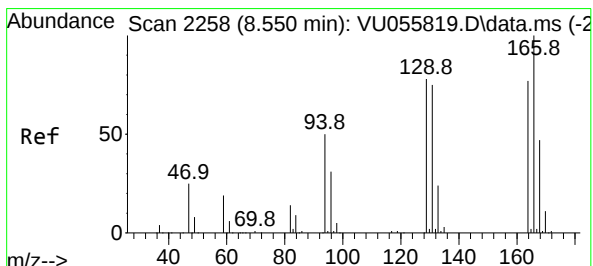
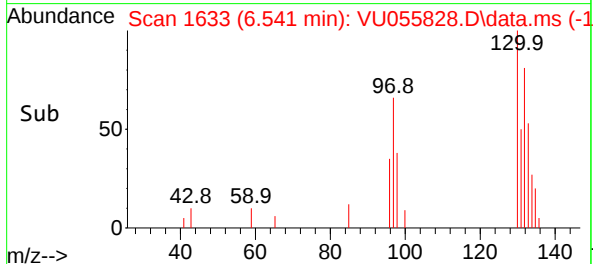
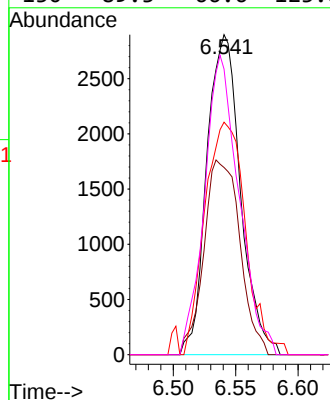
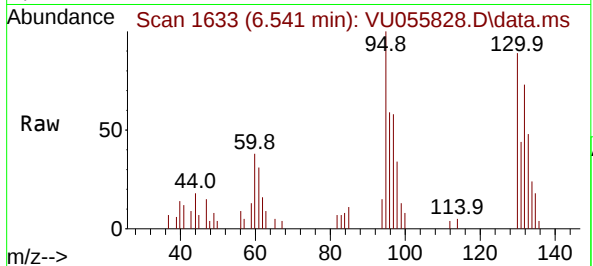


#34
Trichloroethene
Concen: 1.170 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055828.D
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Instrument :
MSVOA_U
ClientSampleId :
EOAQ9

Tgt Ion: 95 Resp: 5457

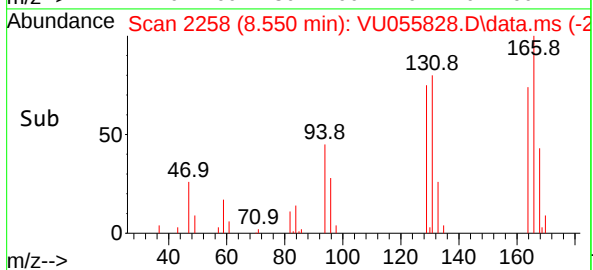
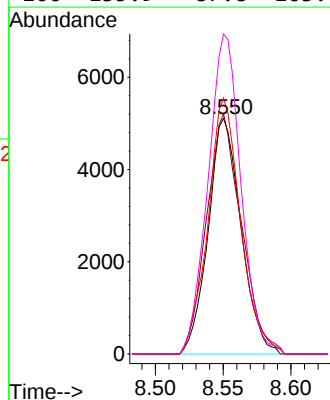
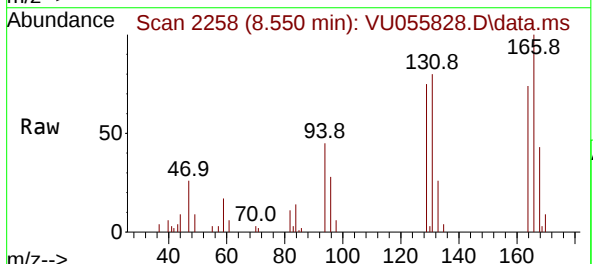
Ion	Ratio	Lower	Upper
95	100		
97	58.5	44.4	82.5
132	72.6	61.8	114.8
130	89.3	66.6	123.8

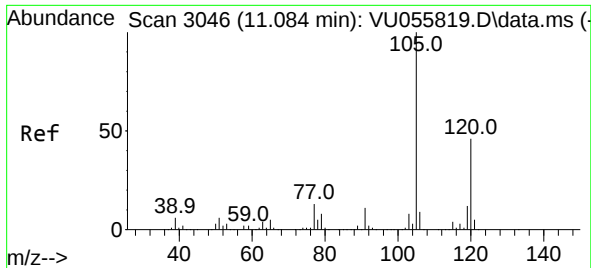


#46
Tetrachloroethene
Concen: 2.572 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055828.D
Acq: 20 Oct 2023 13:26

Tgt Ion: 164 Resp: 8590

Ion	Ratio	Lower	Upper
164	100		
129	101.9	70.7	131.3
131	108.7	65.9	122.5
166	135.9	87.8	163.0

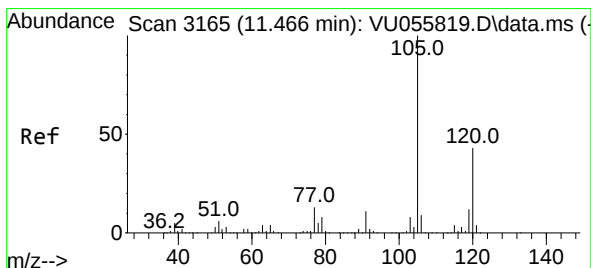
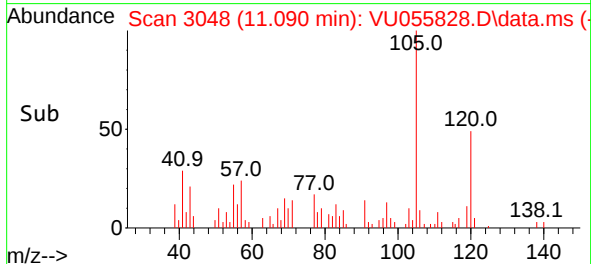
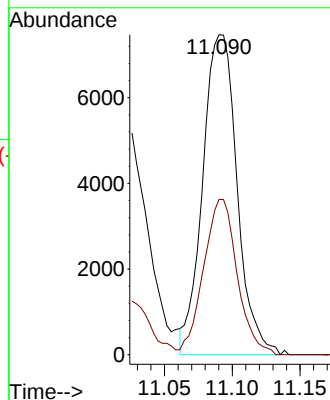
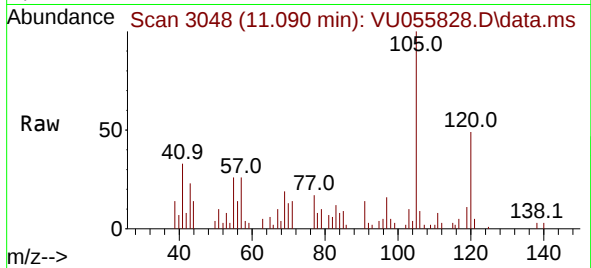




#62
 1,3,5-Trimethylbenzene
 Concen: 1.020 ug/L
 RT: 11.090 min Scan# 3046
 Delta R.T. 0.006 min
 Lab File: VU055828.D
 Acq: 20 Oct 2023 13:26

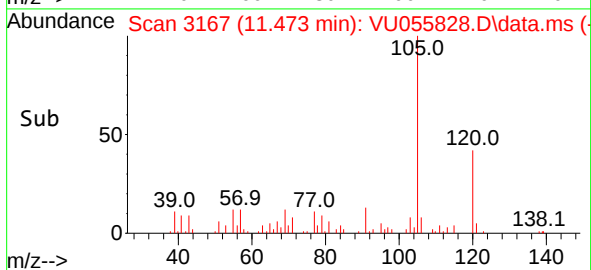
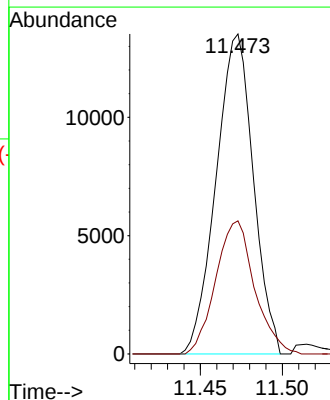
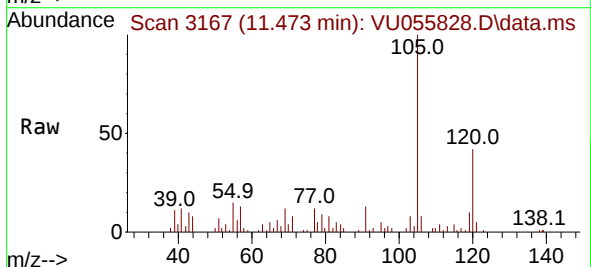
Instrument :
 MSVOA_U
 ClientSampleId :
 EOAQ9

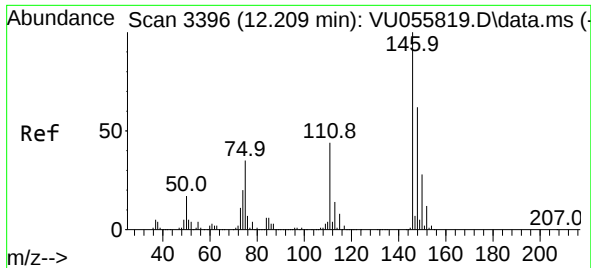
Tgt Ion:105 Resp: 13200
 Ion Ratio Lower Upper
 105 100
 120 47.6 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 1.665 ug/L
 RT: 11.473 min Scan# 3167
 Delta R.T. 0.006 min
 Lab File: VU055828.D
 Acq: 20 Oct 2023 13:26

Tgt Ion:105 Resp: 21303
 Ion Ratio Lower Upper
 105 100
 120 43.4 35.0 52.4





#67

1,2-Dichlorobenzene

Concen: 2.414 ug/L

RT: 12.212 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU055828.D

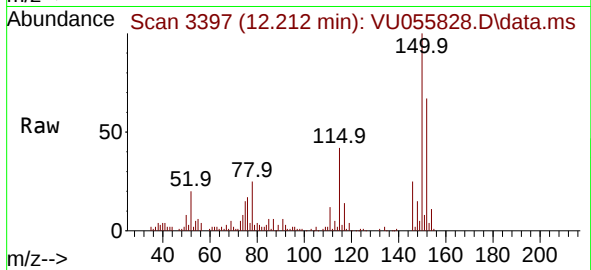
Acq: 20 Oct 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

EOAQ9



Tgt Ion:146 Resp: 18931

Ion Ratio Lower Upper

146 100

111 48.3 35.2 52.8

148 59.5 52.3 78.5

