

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055831.D
 Acq On : 20 Oct 2023 14:39
 Operator : MD/SY
 Sample : 04948-04
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAH6

Quant Time: Oct 23 01:07:35 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)

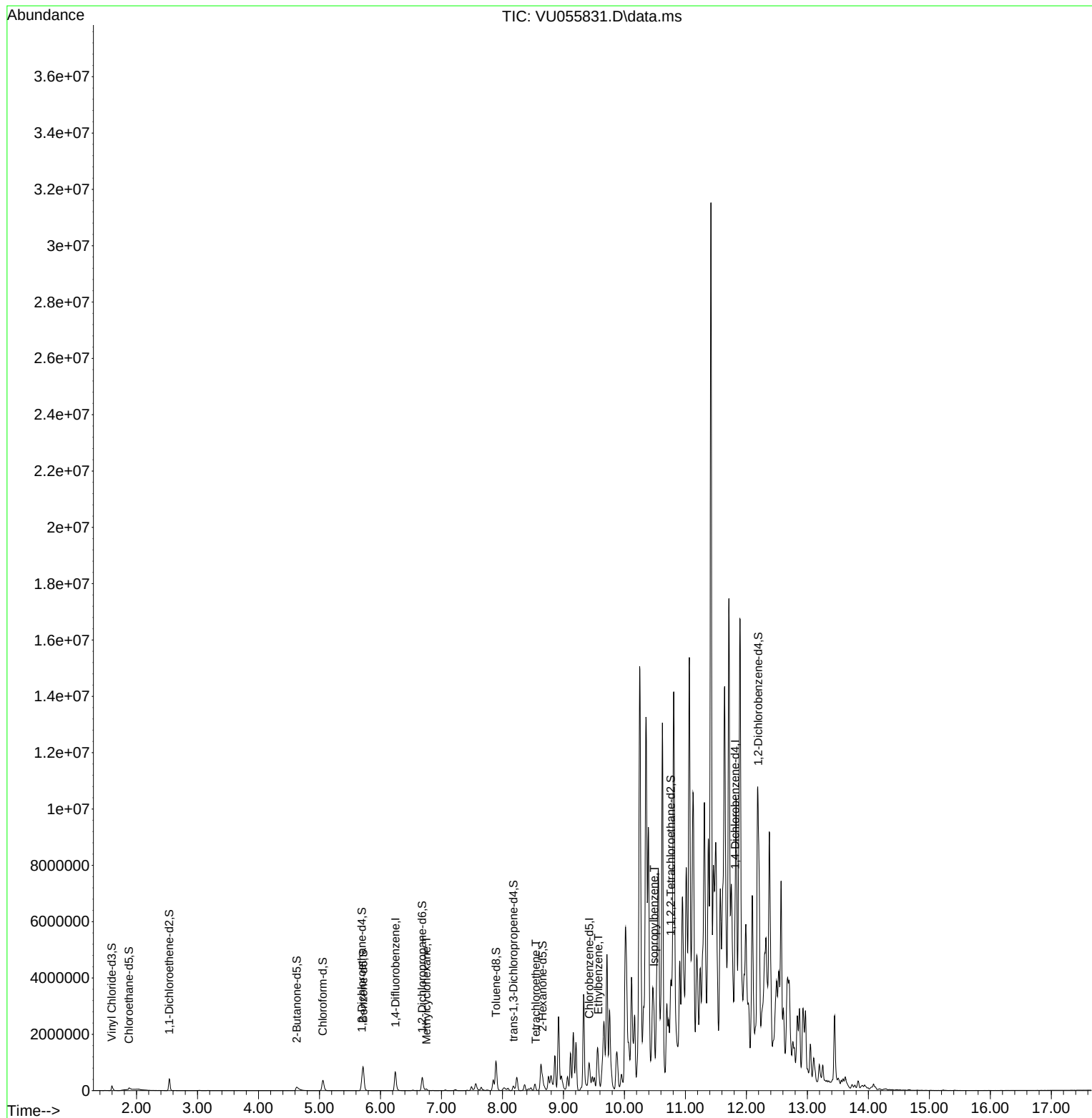
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	598121	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.422	117	612565	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	359684	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	173813	32.398	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.800%
7) Chloroethane-d5	1.879	69	65291	14.888	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	29.780%#
11) 1,1-Dichloroethene-d2	2.538	63	257093	26.876	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.760%#
21) 2-Butanone-d5	4.628	46	286271	72.012	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.010%
24) Chloroform-d	5.055	84	388990	37.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.640%
26) 1,2-Dichloroethane-d4	5.695	65	256705	40.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.100%
32) Benzene-d6	5.718	84	765867	39.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.160%
36) 1,2-Dichloropropane-d6	6.685	67	246981	39.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.620%
41) Toluene-d8	7.894	98	706949	39.946	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.900%#
43) trans-1,3-Dichloroprop...	8.181	79	116732	39.165	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.320%
47) 2-Hexanone-d5	8.656	63	186745	76.559	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.560%
56) 1,1,2,2-Tetrachloroeth...	10.762	84	389318	40.764	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.520%
66) 1,2-Dichlorobenzene-d4	12.193	152	326064	45.682	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.360%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.753	83	21939	2.854	ug/L	# 87
46) Tetrachloroethene	8.550	164	5778	1.523	ug/L	94
52) Ethylbenzene	9.573	91	335441	15.017	ug/L	99
61) Isopropylbenzene	10.486	105	874080	38.981	ug/L	98

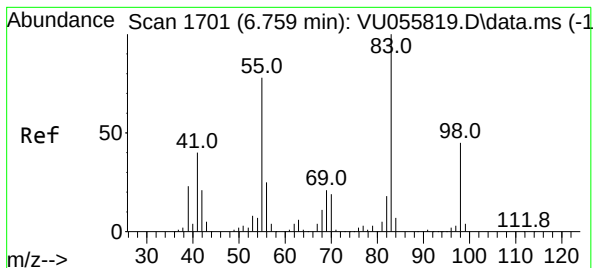
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 23 01:04:15 2023
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#35

Methylcyclohexane

Concen: 2.854 ug/L

RT: 6.753 min Scan# 1

Delta R.T. -0.006 min

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C0AH6

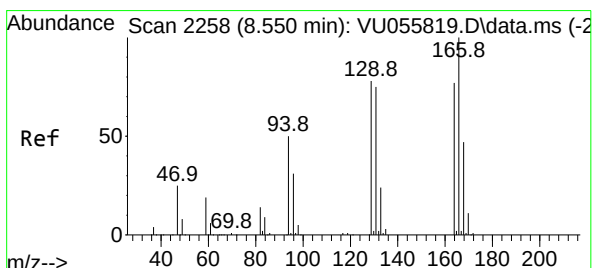
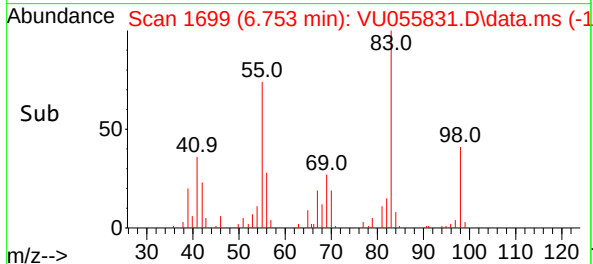
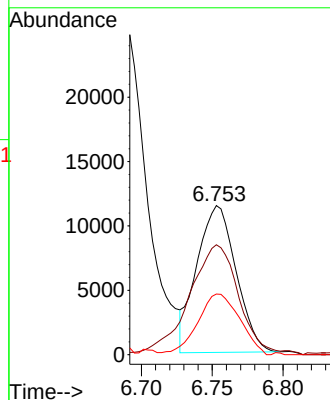
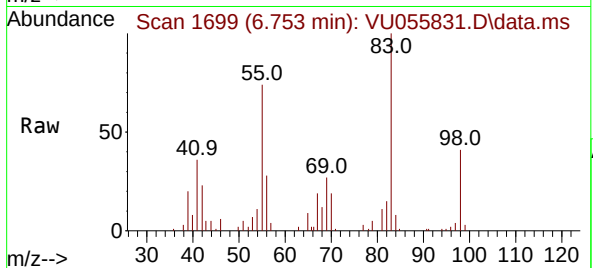
Tgt Ion: 83 Resp: 21939

Ion Ratio Lower Upper

83 100

55 94.3 61.2 91.8#

98 44.4 35.8 53.6



#46

Tetrachloroethene

Concen: 1.523 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU055831.D

Acq: 20 Oct 2023 14:39

Tgt Ion:164 Resp: 5778

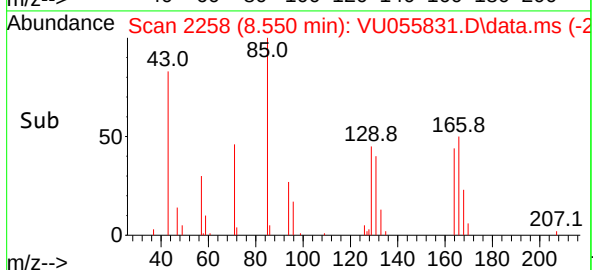
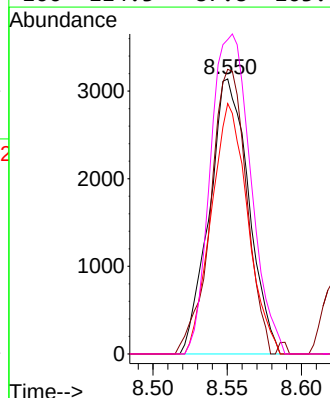
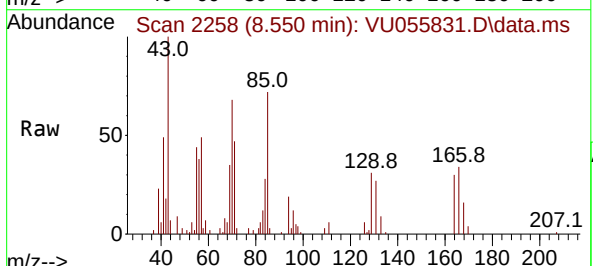
Ion Ratio Lower Upper

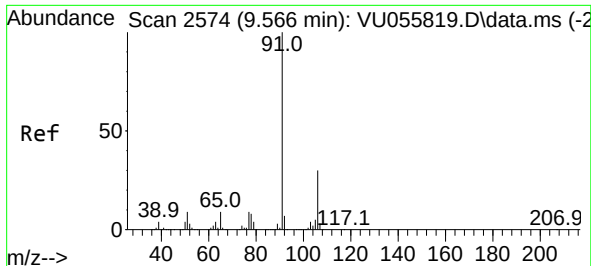
164 100

129 103.5 70.7 131.3

131 91.0 65.9 122.5

166 114.3 87.8 163.0

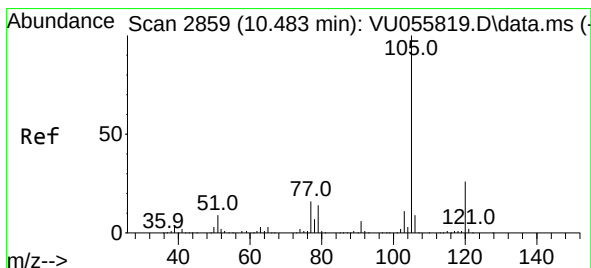
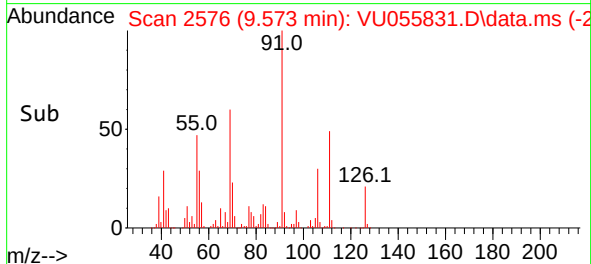
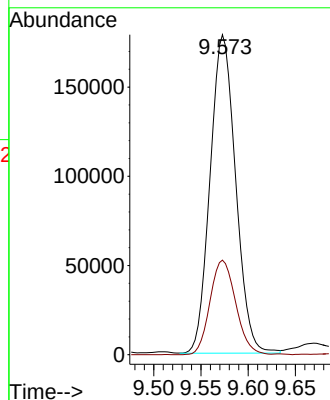
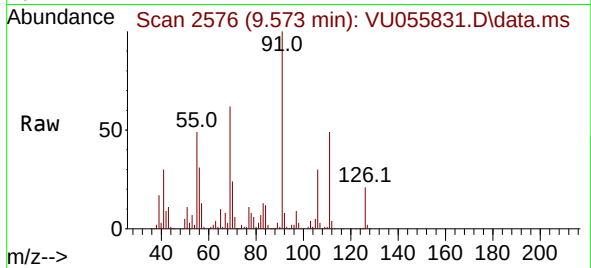




#52
Ethylbenzene
Concen: 15.017 ug/L
RT: 9.573 min Scan# 21
Delta R.T. 0.007 min
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Instrument :
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ClientSampleId :
C0AH6

Tgt Ion: 91 Resp: 335441
Ion Ratio Lower Upper
91 100
106 29.5 21.2 39.4



#61
Isopropylbenzene
Concen: 38.981 ug/L
RT: 10.486 min Scan# 2860
Delta R.T. 0.003 min
Lab File: VU055831.D
Acq: 20 Oct 2023 14:39

Tgt Ion: 105 Resp: 874080
Ion Ratio Lower Upper
105 100
120 26.1 20.6 30.8
77 18.1 13.4 20.0

