

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045257.D
 Acq On : 08 Oct 2021 17:27
 Operator : SY/MD
 Sample : M4000-21MEDL 10X
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW914MEDL

Quant Time: Oct 09 05:32:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

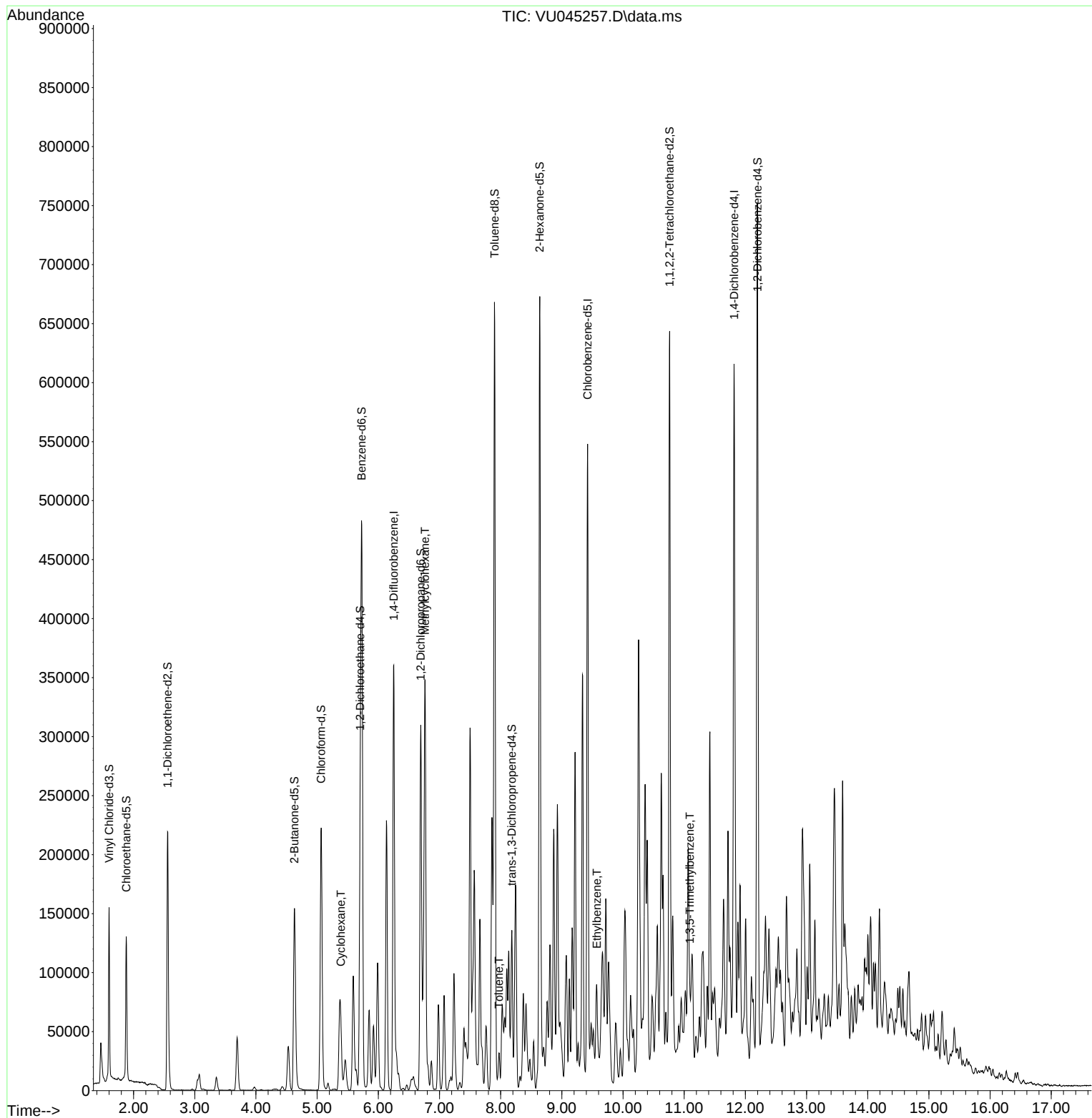
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	279578	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	275947	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	134599	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	93175	30.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.880%
7) Chloroethane-d5	1.880	69	90945	37.499	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.556	63	134536	26.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.360%#
21) 2-Butanone-d5	4.629	46	222971	92.152	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.150%
24) Chloroform-d	5.067	84	200809	41.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.080%
26) 1,2-Dichloroethane-d4	5.703	65	147731	45.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.240%
32) Benzene-d6	5.729	84	428031	44.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.694	67	143128	45.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.680%
41) Toluene-d8	7.899	98	388998	47.075	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.160%
43) trans-1,3-Dichloroprop...	8.182	79	63068	45.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.820%
47) 2-Hexanone-d5	8.639	63	165572	95.694	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.690%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	235809	48.502	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	148012	50.529	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.060%
Target Compounds						
					Qvalue	
29) Cyclohexane	5.385	56	31031	7.481	ug/L #	83
35) Methylcyclohexane	6.764	83	141884	34.474	ug/L	92
42) Toluene	7.973	91	6422	0.618	ug/L	95
52) Ethylbenzene	9.575	91	22317	2.031	ug/L	95
62) 1,3,5-Trimethylbenzene	11.092	105	8816	1.072	ug/L	96

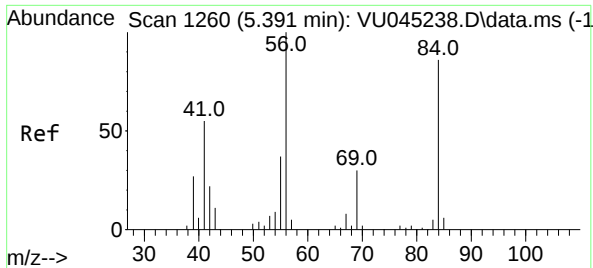
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 09 05:29:23 2021
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#29

Cyclohexane

Concen: 7.481 ug/L

RT: 5.385 min Scan# 1258

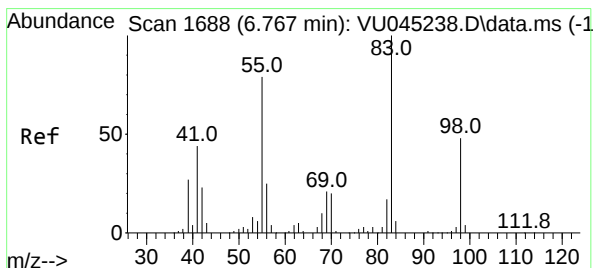
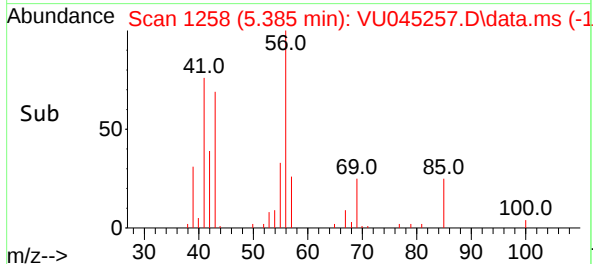
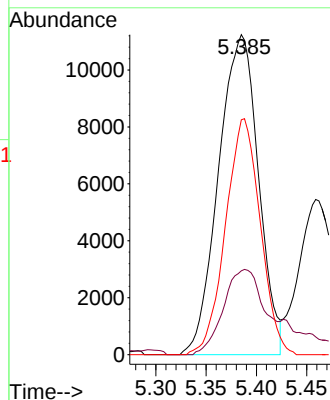
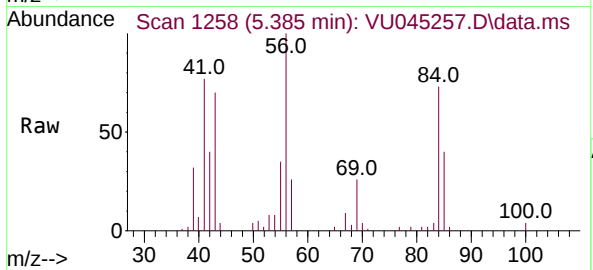
Delta R.T. -0.006 min

Lab File: VU045257.D

Acq: 08 Oct 2021 17:27

Instrument :
MSVOA_U
ClientSampled :
EW914MEDL

Tgt Ion:	56	Resp:	31031
Ion	Ratio	Lower	Upper
56	100		
69	26.9	23.8	35.8
84	64.3	66.8	100.2



#35

Methylcyclohexane

Concen: 34.474 ug/L

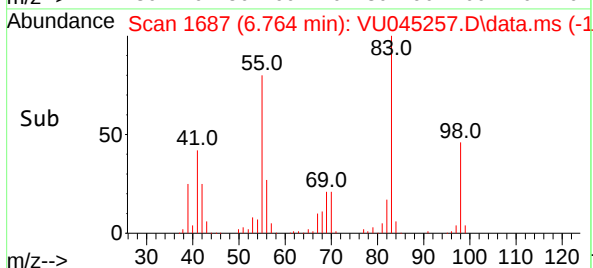
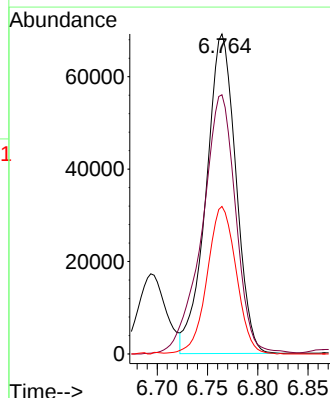
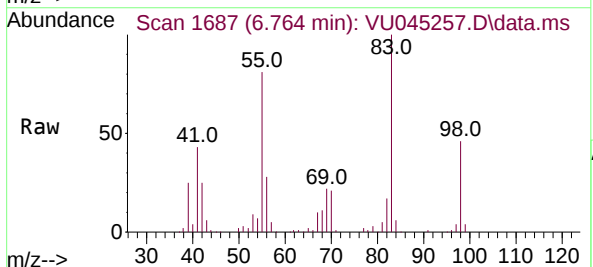
RT: 6.764 min Scan# 1687

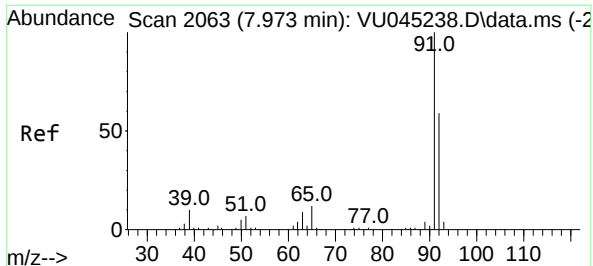
Delta R.T. -0.003 min

Lab File: VU045257.D

Acq: 08 Oct 2021 17:27

Tgt Ion:	83	Resp:	141884
Ion	Ratio	Lower	Upper
83	100		
55	92.2	65.8	98.6
98	45.3	37.1	55.7

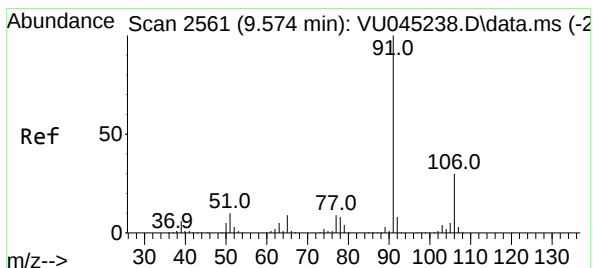
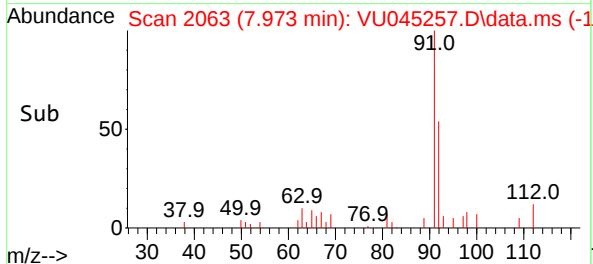
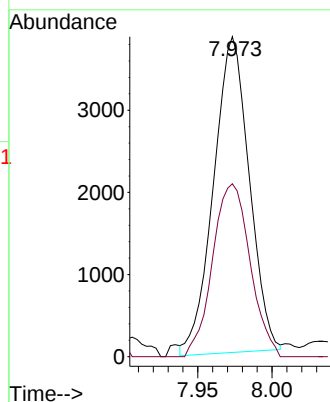
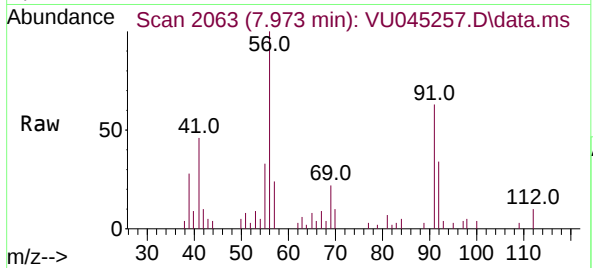




#42
Toluene
Concen: 0.618 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

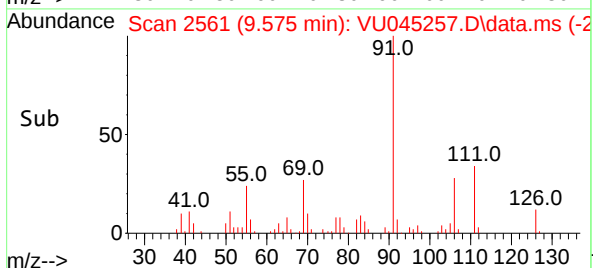
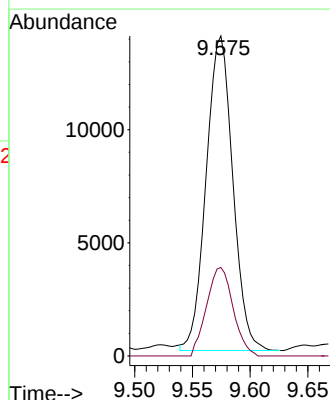
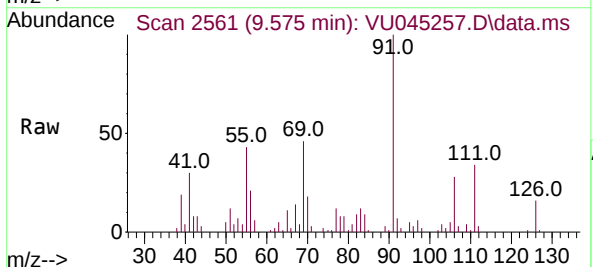
Instrument :
MSVOA_U
ClientSampled :
EW914MEDL

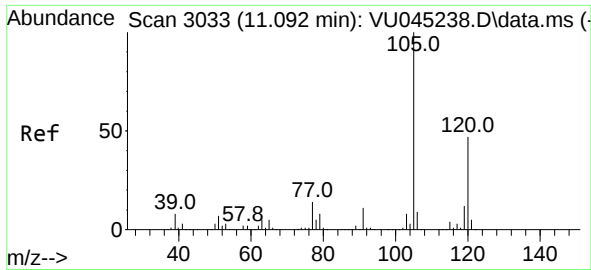
Tgt Ion: 91 Resp: 6422
Ion Ratio Lower Upper
91 100
92 54.1 40.5 75.1



#52
Ethylbenzene
Concen: 2.031 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

Tgt Ion: 91 Resp: 22317
Ion Ratio Lower Upper
91 100
106 27.7 21.2 39.4





#62
 1,3,5-Trimethylbenzene
 Concen: 1.072 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. 0.000 min
 Lab File: VU045257.D
 Acq: 08 Oct 2021 17:27

Instrument :
 MSVOA_U
 ClientSampleId :
 EW914MEDL

Tgt Ion:105 Resp: 8816
 Ion Ratio Lower Upper
 105 100
 120 45.8 38.8 58.2

