

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042240.D
 Acq On : 03 Feb 2021 18:13
 Operator : SY/MD
 Sample : M1259-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E58

Quant Time: Feb 04 04:24:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 04:20:04 2021
 Response via : Initial Calibration

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

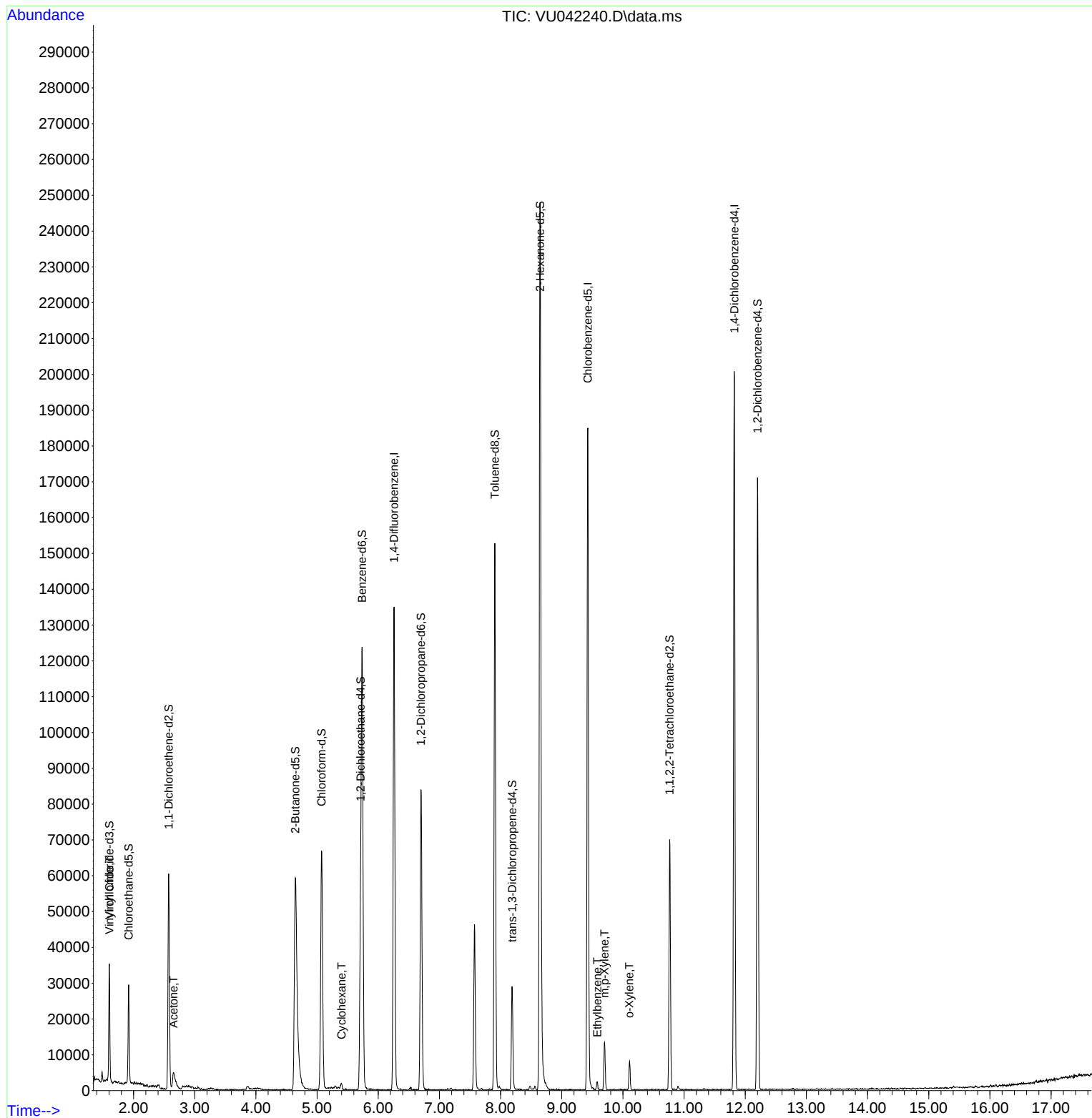
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	105423	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	98103	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	52043	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19633	2.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.80%
7) Chloroethane-d5	1.919	69	18736	3.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.40%
11) 1,1-Dichloroethene-d2	2.575	63	36883	2.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.20%#
20) 2-Butanone-d5	4.645	46	123751	49.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.74%
24) Chloroform-d	5.073	84	59746	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.713	65	37822	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.735	84	104201	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.700	67	37476	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.906	98	95196	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloroprop...	8.189	79	15299	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.645	63	90532	49.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.28%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32340	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	43421	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	2945	0.35	ug/L #	78
13) Acetone	2.652	43	10040	6.07	ug/L	96
30) Cyclohexane	5.401	56	929	0.07	ug/L #	88
52) Ethylbenzene	9.581	91	1955	0.05	ug/L	99
53) m,p-Xylene	9.700	106	3579	0.27	ug/L	90
54) o-Xylene	10.105	106	2057	0.16	ug/L	88

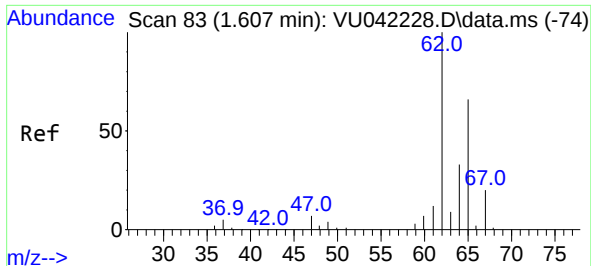
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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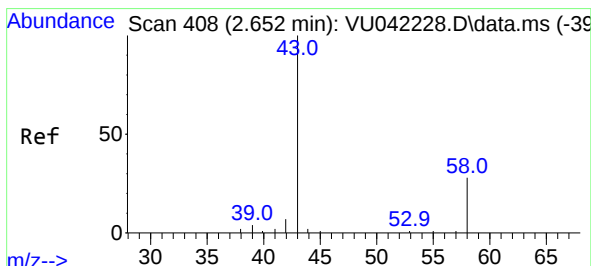
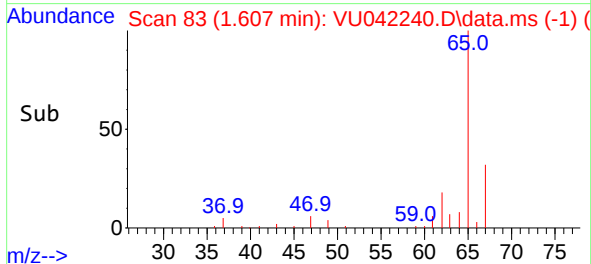
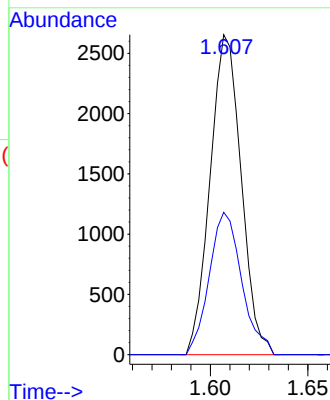
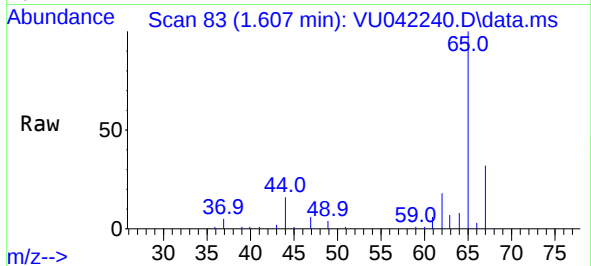




#5
 Vinyl chloride
 Concen: 0.35 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042240.D
 Acq: 03 Feb 2021 18:13

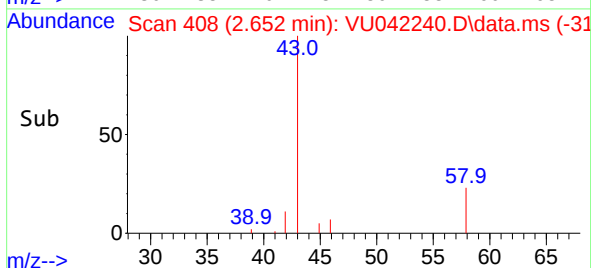
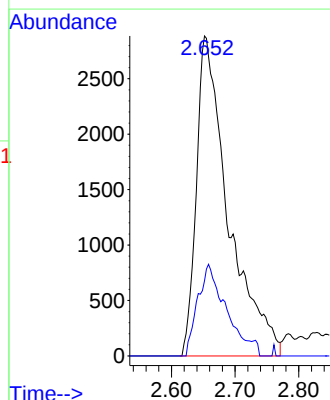
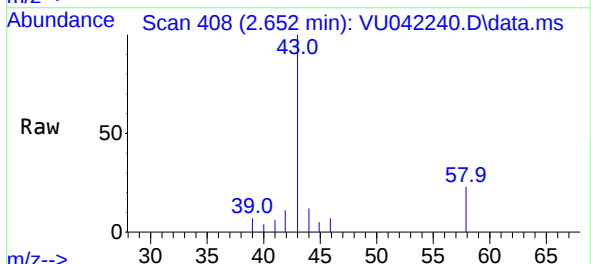
Instrument :
 MSVOA_U
 ClientSampleId :
 F1E58

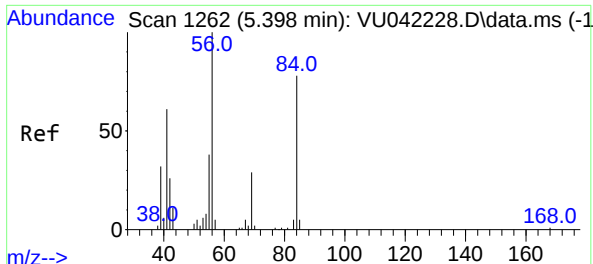
Tgt Ion: 62 Resp: 2945
 Ion Ratio Lower Upper
 62 100
 64 44.5 22.7 42.1#



#13
 Acetone
 Concen: 6.07 ug/L
 RT: 2.652 min Scan# 408
 Delta R.T. -0.000 min
 Lab File: VU042240.D
 Acq: 03 Feb 2021 18:13

Tgt Ion: 43 Resp: 10040
 Ion Ratio Lower Upper
 43 100
 58 25.9 0.0 55.8





#30

Cyclohexane

Concen: 0.07 ug/L

RT: 5.401 min Scan# 1263

Delta R.T. 0.003 min

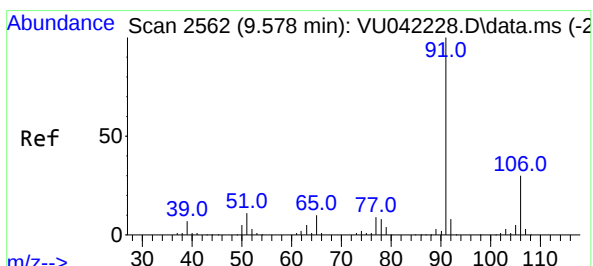
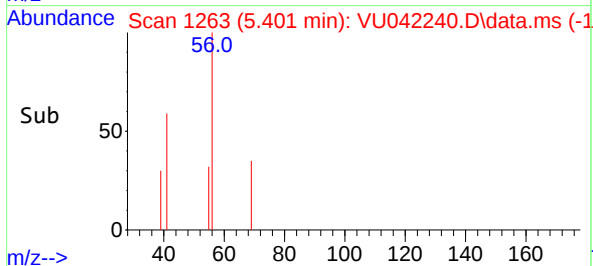
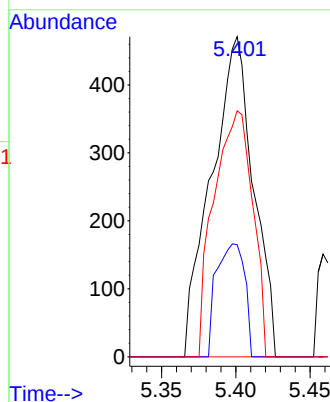
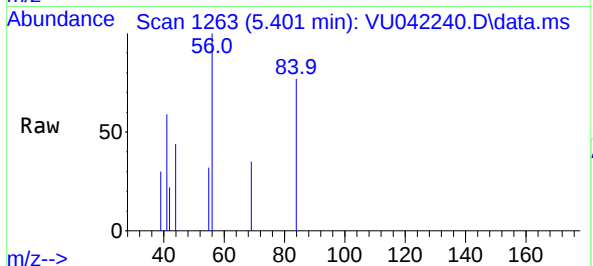
Lab File: VU042240.D

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Instrument :
MSVOA_U
ClientSampled :
F1E58

Tgt Ion: 56 Resp: 929

Ion	Ratio	Lower	Upper
56	100		
69	23.5	23.7	35.5#
84	70.3	65.3	97.9



#52

Ethylbenzene

Concen: 0.05 ug/L

RT: 9.581 min Scan# 2563

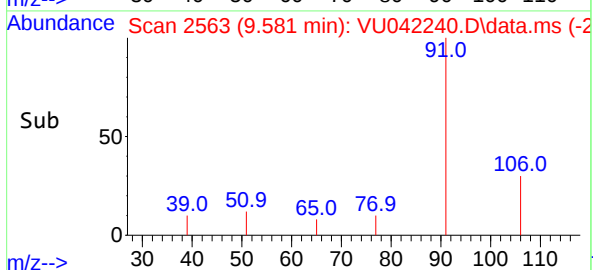
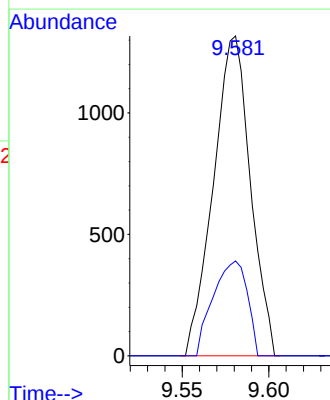
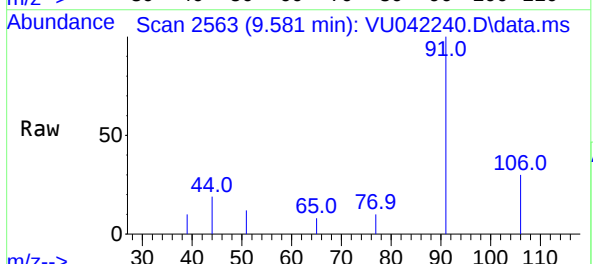
Delta R.T. 0.003 min

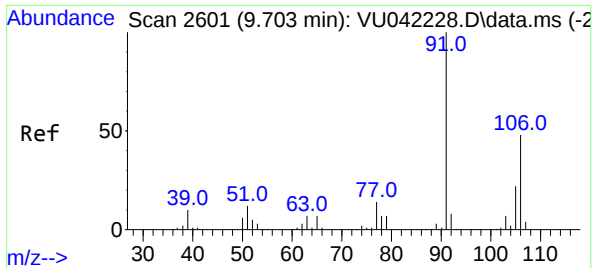
Lab File: VU042240.D

Acq: 03 Feb 2021 18:13

Tgt Ion: 91 Resp: 1955

Ion	Ratio	Lower	Upper
91	100		
106	29.7	21.1	39.3

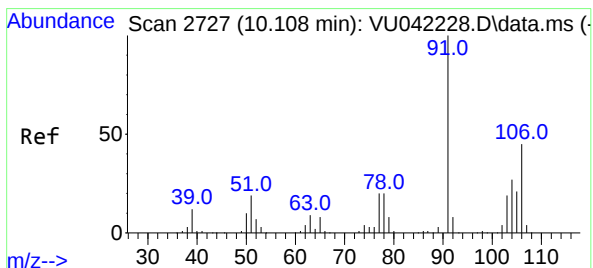
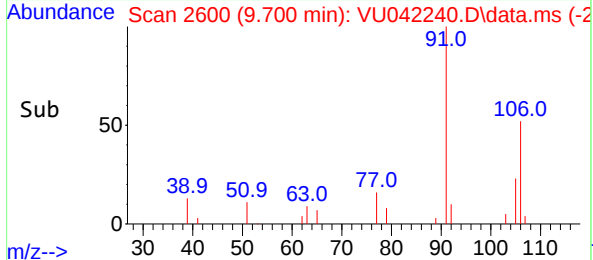
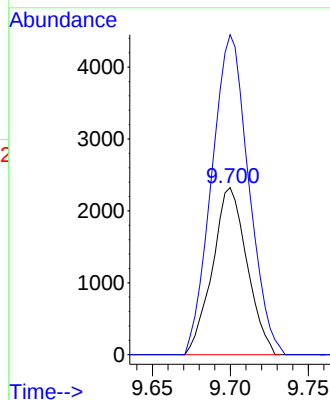
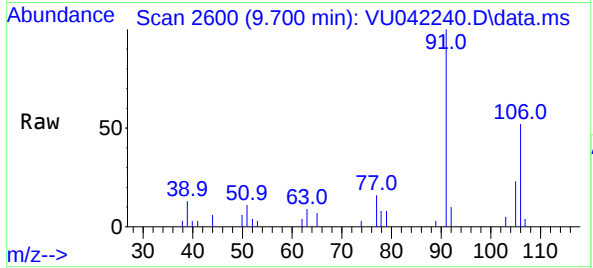




#53
m,p-Xylene
Concen: 0.27 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

Instrument :
MSVOA_U
ClientSampled :
F1E58

Tgt Ion:106 Resp: 3579
Ion Ratio Lower Upper
106 100
91 191.6 145.1 269.5



#54
o-Xylene
Concen: 0.16 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

Tgt Ion:106 Resp: 2057
Ion Ratio Lower Upper
106 100
91 198.8 153.0 284.2

