

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042239.D
 Acq On : 03 Feb 2021 17:49
 Operator : SY/MD
 Sample : M1259-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E57

Quant Time: Feb 04 04:24:17 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)

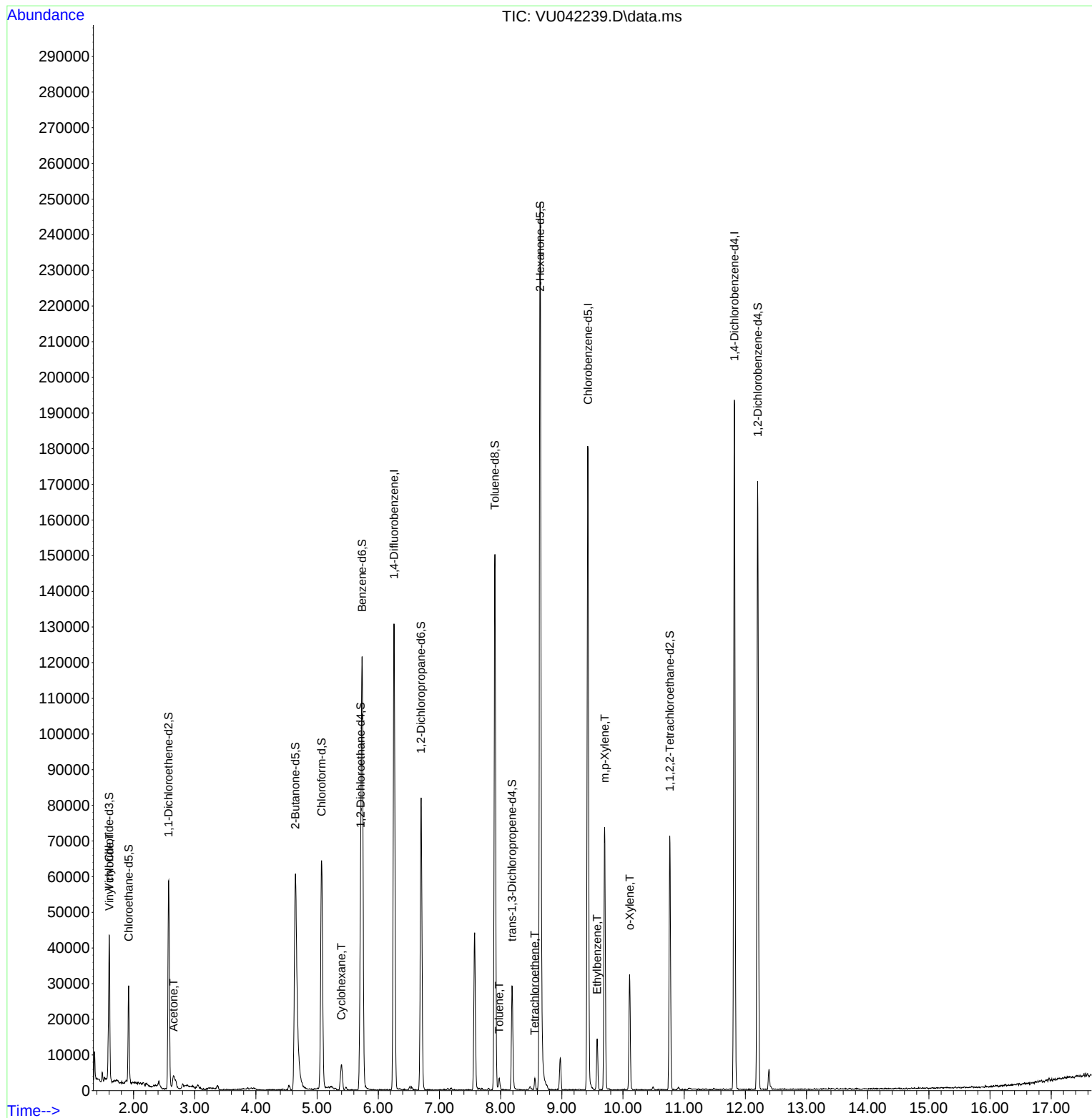
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	103488	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	95592	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	50257	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19621	2.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.80%
7) Chloroethane-d5	1.919	69	18468	3.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.60%
11) 1,1-Dichloroethene-d2	2.572	63	36824	2.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.00%#
20) 2-Butanone-d5	4.646	46	124824	51.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.48%
24) Chloroform-d	5.073	84	57736	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.710	65	37953	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.736	84	103548	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.700	67	36181	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.906	98	93294	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloroprop...	8.186	79	16151	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.645	63	89165	50.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.36%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33104	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.202	152	43421	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	7799	0.94	ug/L	95
13) Acetone	2.652	43	8615	5.31	ug/L	87
30) Cyclohexane	5.398	56	3681	0.27	ug/L	96
42) Toluene	7.977	91	2258	0.07	ug/L	98
47) Tetrachloroethene	8.555	164	615	0.10	ug/L	82
52) Ethylbenzene	9.578	91	9922	0.28	ug/L	92
53) m,p-Xylene	9.700	106	19335	1.48	ug/L	97
54) o-Xylene	10.108	106	8343	0.66	ug/L	91

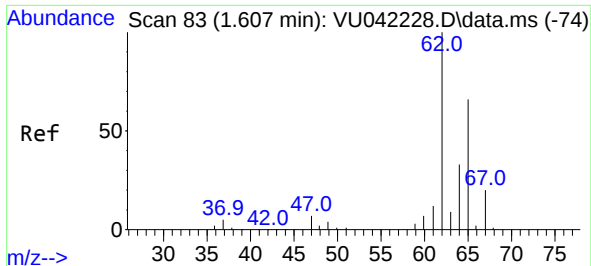
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 04 04:20:04 2021
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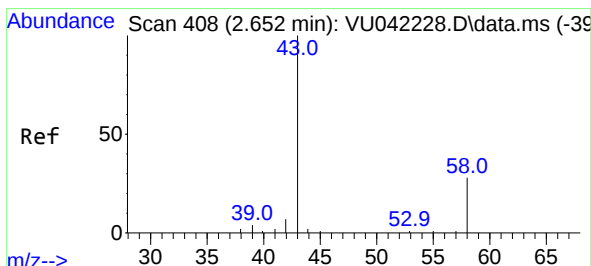
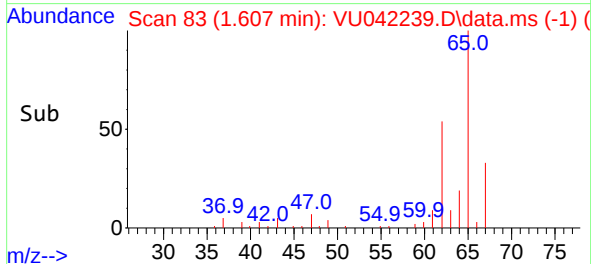
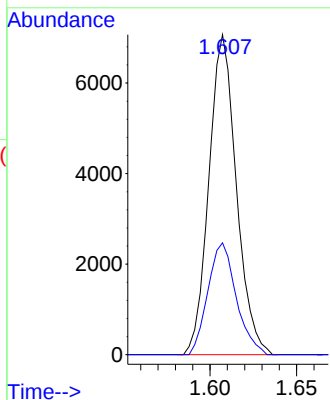
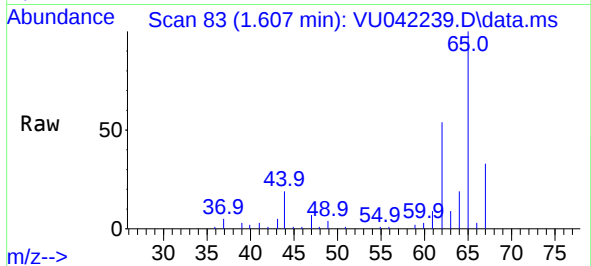




#5
 Vinyl chloride
 Concen: 0.94 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042239.D
 Acq: 03 Feb 2021 17:49

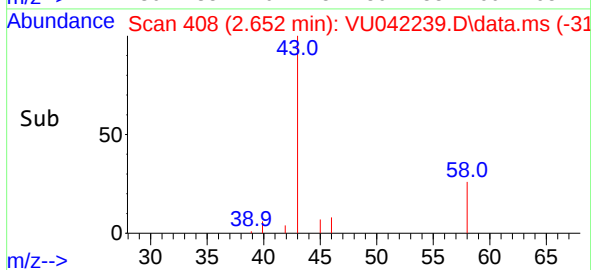
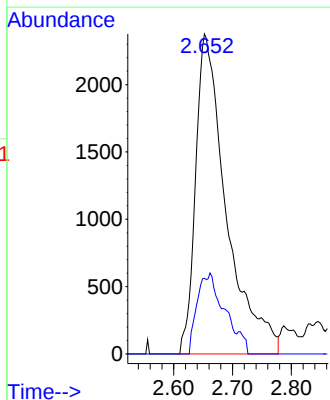
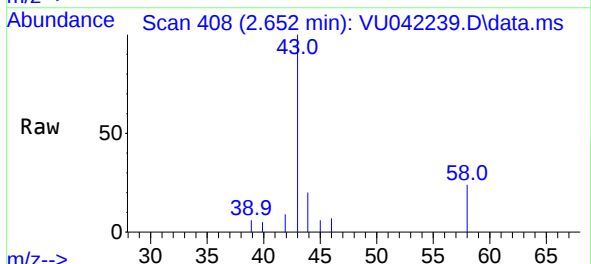
Instrument :
 MSVOA_U
 ClientSampled :
 F1E57

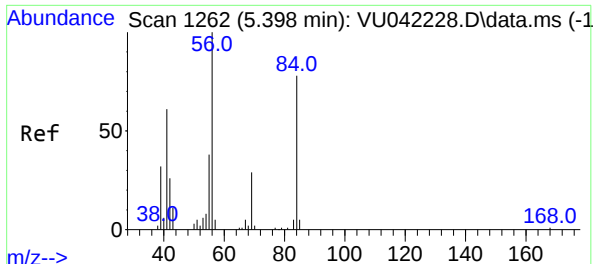
Tgt Ion: 62 Resp: 7799
 Ion Ratio Lower Upper
 62 100
 64 35.0 22.7 42.1



#13
 Acetone
 Concen: 5.31 ug/L
 RT: 2.652 min Scan# 408
 Delta R.T. 0.000 min
 Lab File: VU042239.D
 Acq: 03 Feb 2021 17:49

Tgt Ion: 43 Resp: 8615
 Ion Ratio Lower Upper
 43 100
 58 21.3 0.0 55.8





#30

Cyclohexane

Concen: 0.27 ug/L

RT: 5.398 min Scan# 1262

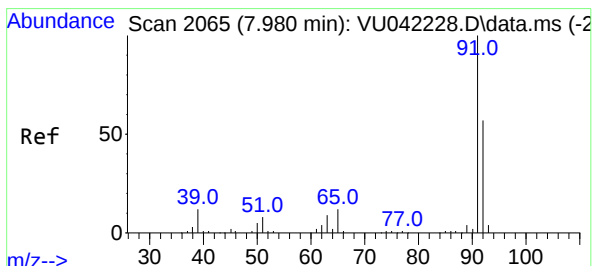
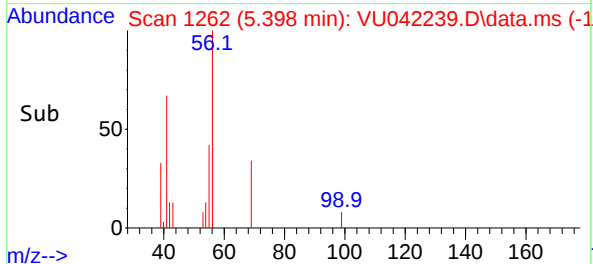
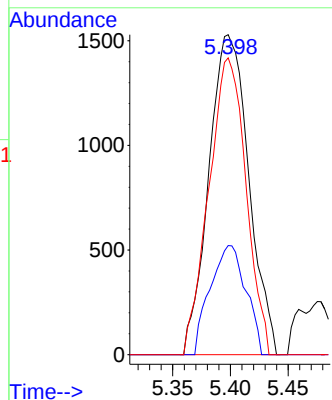
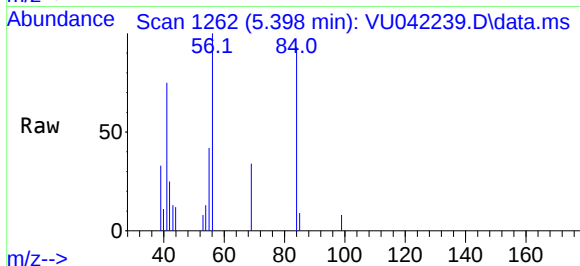
Delta R.T. 0.000 min

Lab File: VU042239.D

Acq: 03 Feb 2021 17:49

Tgt Ion: 56 Resp: 3681

Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.7	35.5
84	86.2	65.3	97.9



#42

Toluene

Concen: 0.07 ug/L

RT: 7.977 min Scan# 2064

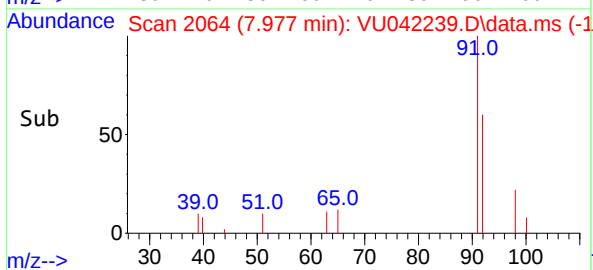
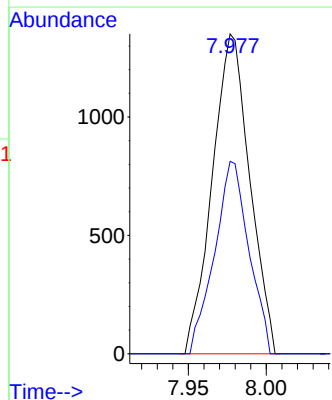
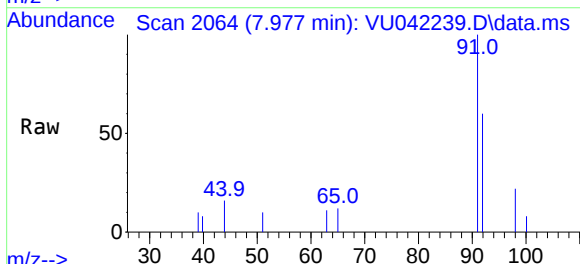
Delta R.T. -0.003 min

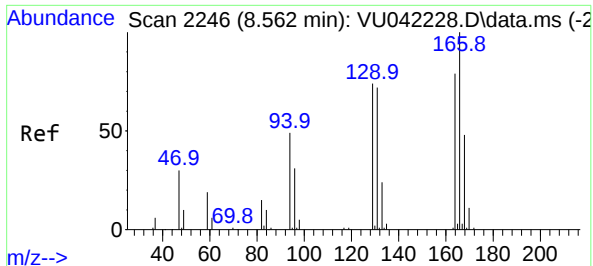
Lab File: VU042239.D

Acq: 03 Feb 2021 17:49

Tgt Ion: 91 Resp: 2258

Ion	Ratio	Lower	Upper
91	100		
92	60.2	41.2	76.6



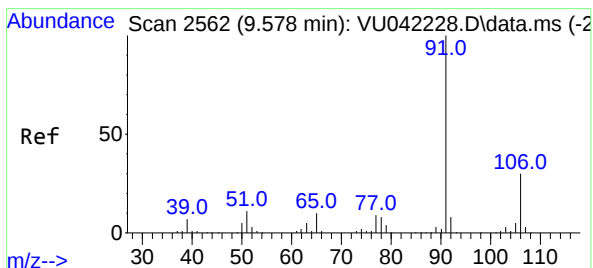
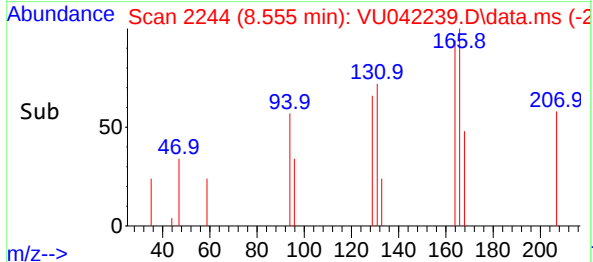
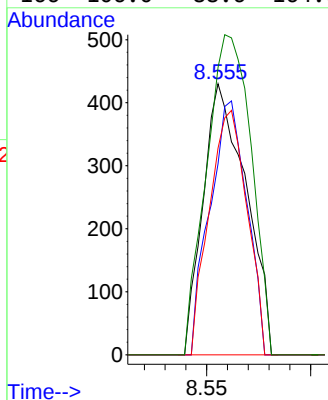
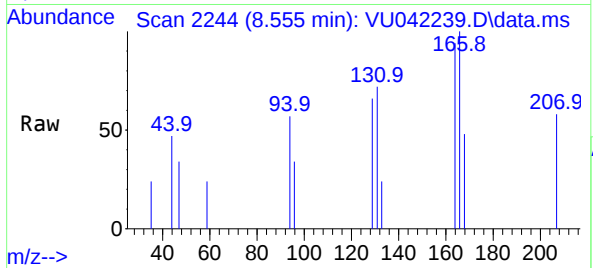


#47
Tetrachloroethene
Concen: 0.10 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.006 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

Instrument :
MSVOA_U
ClientSampleId :
F1E57

Tgt Ion:164 Resp: 615

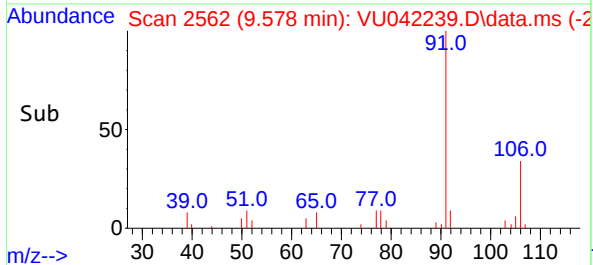
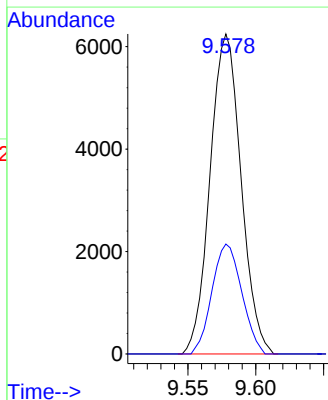
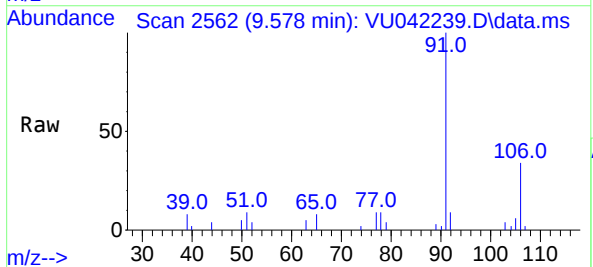
Ion	Ratio	Lower	Upper
164	100		
129	70.5	64.3	119.5
131	76.3	62.2	115.6
166	106.0	88.6	164.6

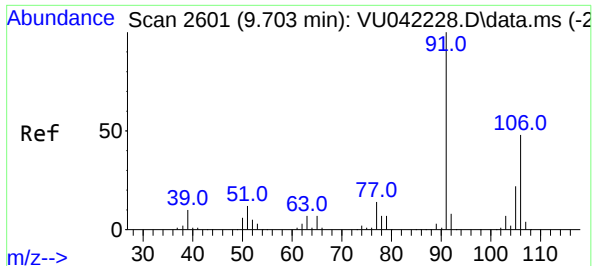


#52
Ethylbenzene
Concen: 0.28 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

Tgt Ion: 91 Resp: 9922

Ion	Ratio	Lower	Upper
91	100		
106	34.4	21.1	39.3

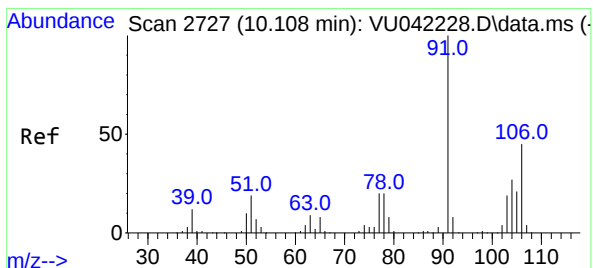
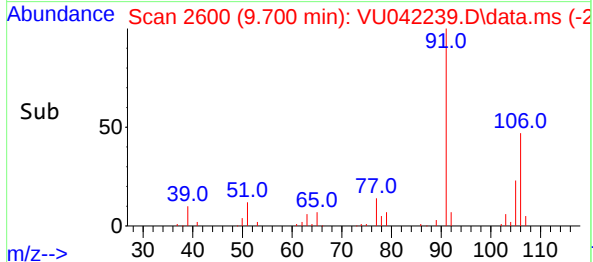
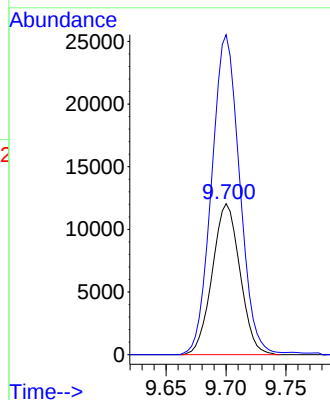
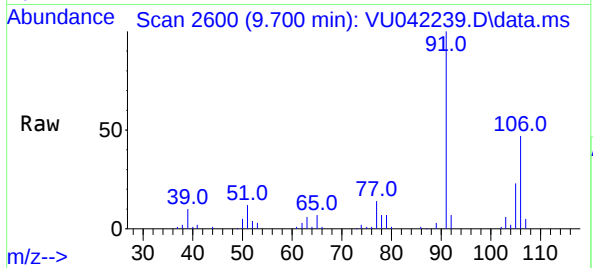




#53
m,p-Xylene
Concen: 1.48 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

Instrument :
MSVOA_U
ClientSampled :
F1E57

Tgt Ion:106 Resp: 19335
Ion Ratio Lower Upper
106 100
91 211.9 145.1 269.5



#54
o-Xylene
Concen: 0.66 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042239.D
Acq: 03 Feb 2021 17:49

Tgt Ion:106 Resp: 8343
Ion Ratio Lower Upper
106 100
91 232.7 153.0 284.2

