

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
 Data File : VU046096.D
 Acq On : 04 Dec 2021 16:21
 Operator : SY/MD
 Sample : M4942-08
 Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKR0

Quant Time: Dec 05 08:16:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

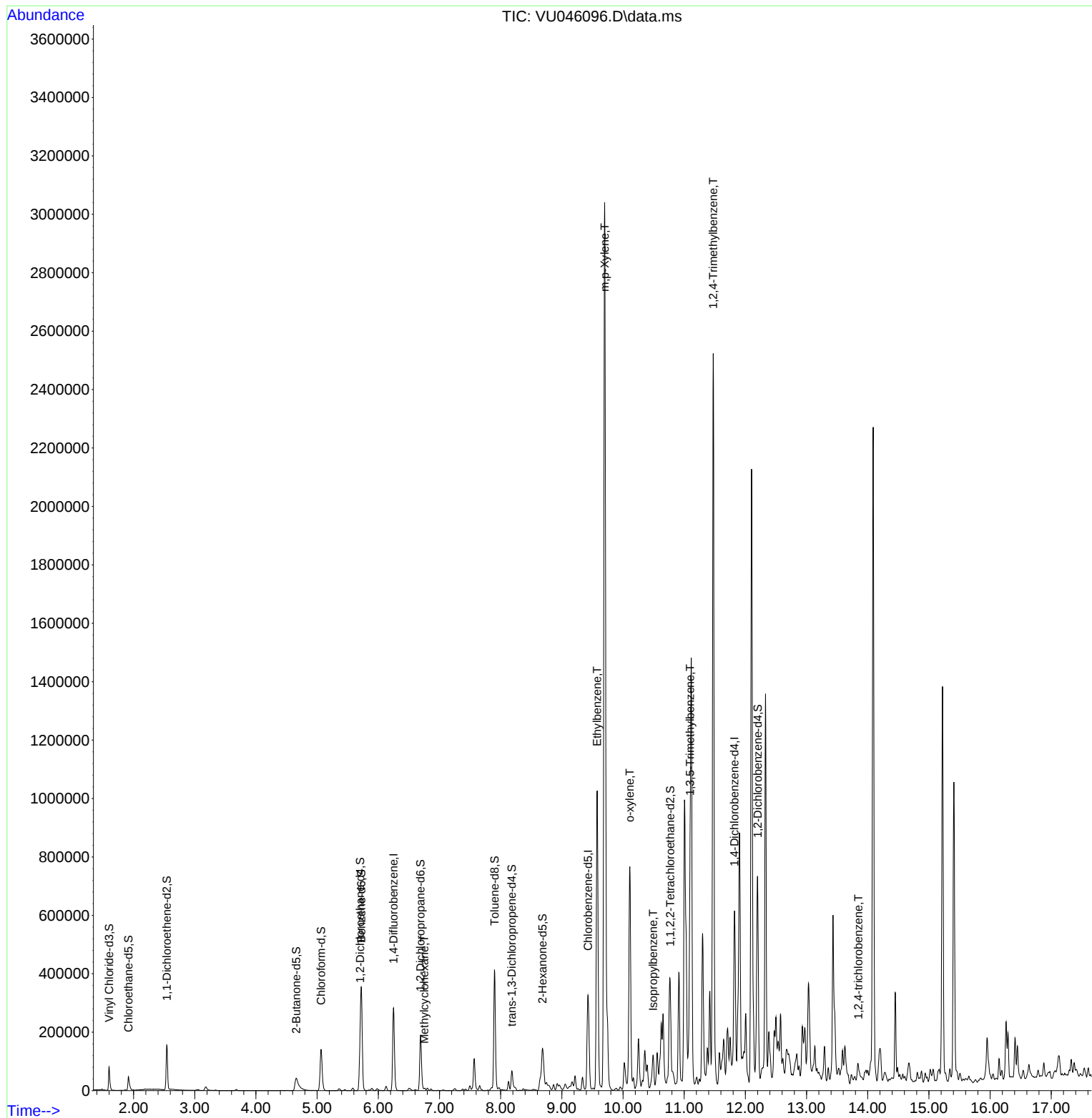
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	260909	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	259066	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	127317	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	73036	33.982	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.960%
7) Chloroethane-d5	1.916	69	50427	30.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.120%#
11) 1,1-Dichloroethene-d2	2.543	63	91852	23.807	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.620%#
21) 2-Butanone-d5	4.658	46	118416	69.308	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.310%
24) Chloroform-d	5.063	84	142813	39.791	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.580%
26) 1,2-Dichloroethane-d4	5.703	65	95887	39.809	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.620%
32) Benzene-d6	5.722	84	318761	42.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.860%
36) 1,2-Dichloropropane-d6	6.690	67	98396	42.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.520%
41) Toluene-d8	7.899	98	303294	44.861	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.720%
43) trans-1,3-Dichloroprop...	8.182	79	50225	45.212	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.420%
47) 2-Hexanone-d5	8.684	63	94747	86.837	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.840%
56) 1,1,2,2-Tetrachloroeth...	10.774	84	135191	38.738	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.480%
66) 1,2-Dichlorobenzene-d4	12.201	152	109859	44.806	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.620%
Target Compounds						Qvalue
35) Methylcyclohexane	6.751	83	3193	0.997	ug/L #	80
52) Ethylbenzene	9.578	91	905655	100.020	ug/L	98
53) m,p-Xylene	9.700	106	1080143	305.883	ug/L	98
54) o-xylene	10.111	106	238768	69.684	ug/L	96
61) Isopropylbenzene	10.494	105	90477	10.922	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	414543	60.039	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	1419844	205.537	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	5895	2.317	ug/L #	83

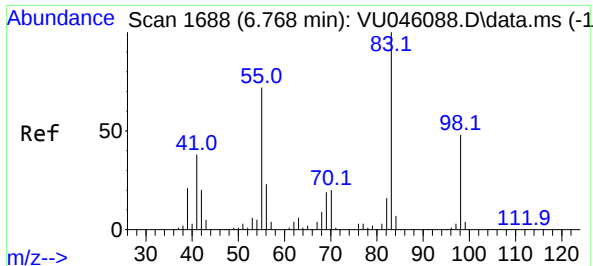
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
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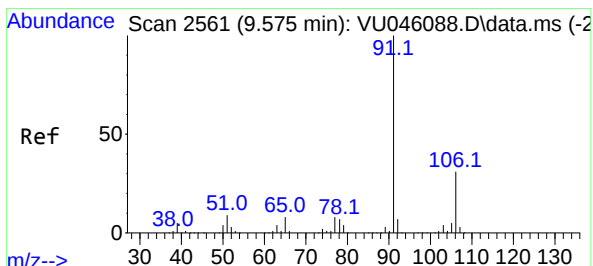
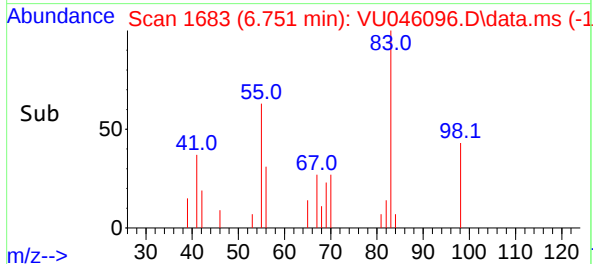
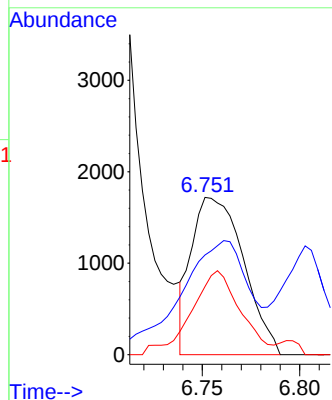
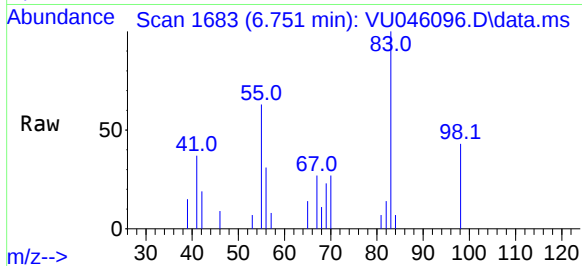




#35
Methylcyclohexane
Concen: 0.997 ug/L
RT: 6.751 min Scan# 1
Delta R.T. -0.016 min
Lab File: VU046096.D
Acq: 04 Dec 2021 16:21

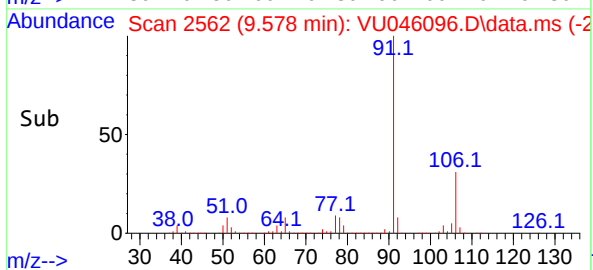
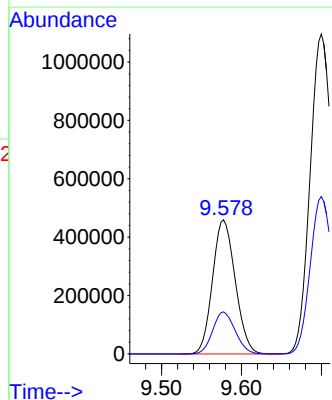
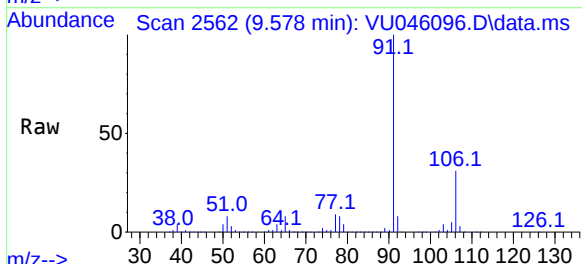
Instrument :
MSVOA_U
ClientSampleId :
BGKR0

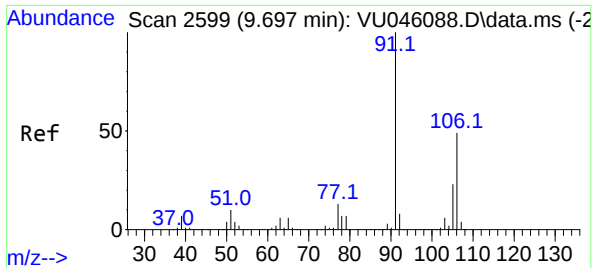
Tgt Ion: 83 Resp: 3193
Ion Ratio Lower Upper
83 100
55 94.3 57.8 86.6#
98 41.8 38.4 57.6



#52
Ethylbenzene
Concen: 100.020 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU046096.D
Acq: 04 Dec 2021 16:21

Tgt Ion: 91 Resp: 905655
Ion Ratio Lower Upper
91 100
106 31.4 21.1 39.3

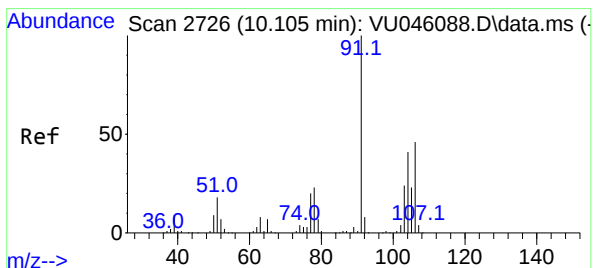
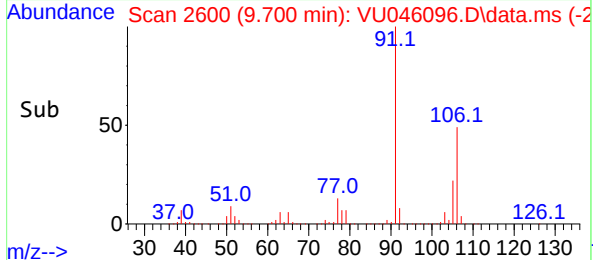
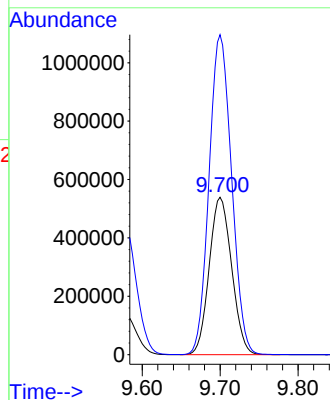
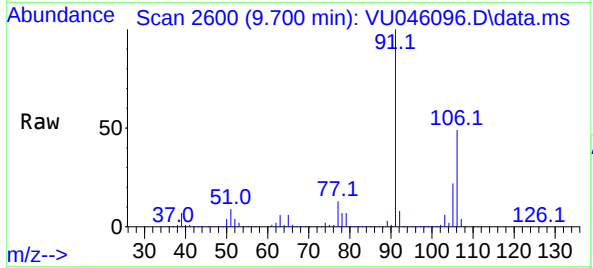




#53
m,p-Xylene
Concen: 305.883 ug/L
RT: 9.700 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU046096.D
Acq: 04 Dec 2021 16:21

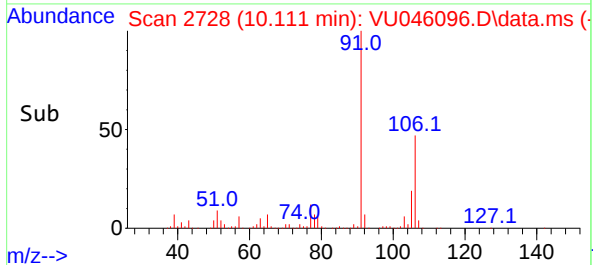
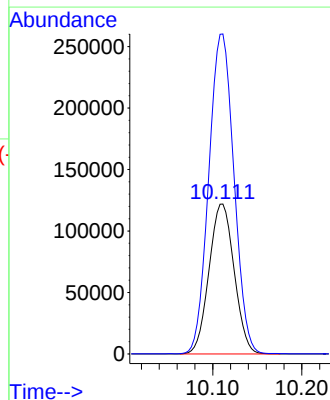
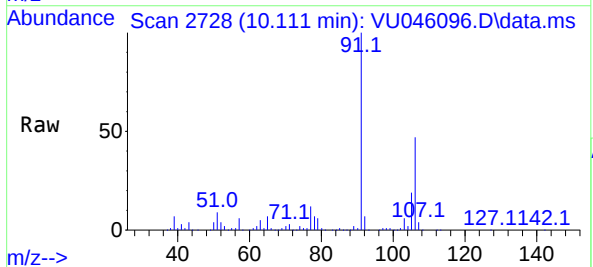
Instrument :
MSVOA_U
ClientSampleId :
BGKR0

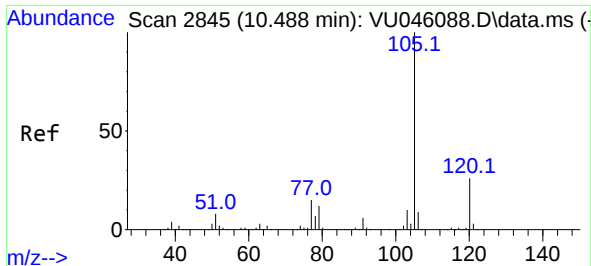
Tgt Ion:106 Resp: 1080143
Ion Ratio Lower Upper
106 100
91 203.2 144.3 268.1



#54
o-xylene
Concen: 69.684 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.006 min
Lab File: VU046096.D
Acq: 04 Dec 2021 16:21

Tgt Ion:106 Resp: 238768
Ion Ratio Lower Upper
106 100
91 213.4 154.2 286.4

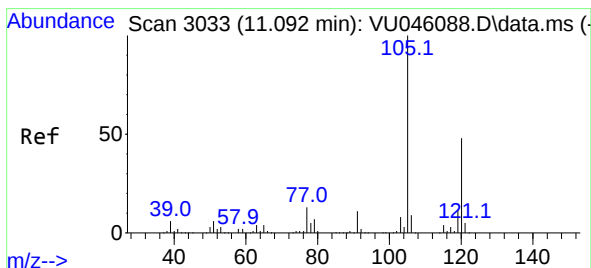
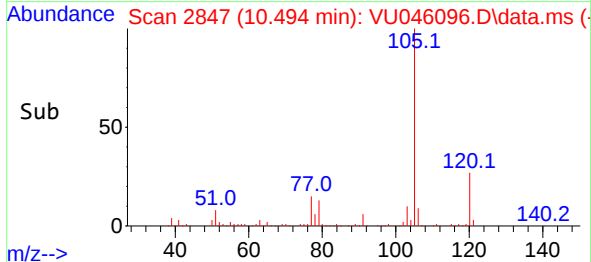
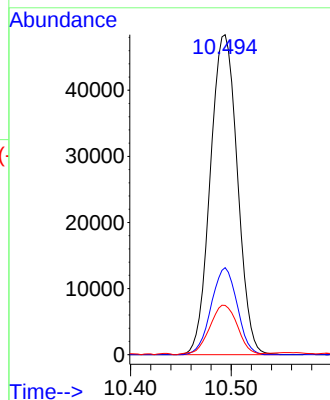
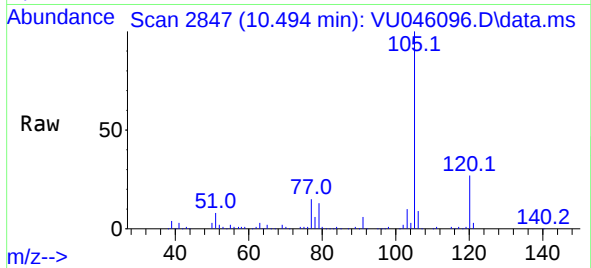




#61
Isopropylbenzene
Concen: 10.922 ug/L
RT: 10.494 min Scan# 2845
Delta R.T. 0.006 min
Lab File: VU046096.D
Acq: 04 Dec 2021 16:21

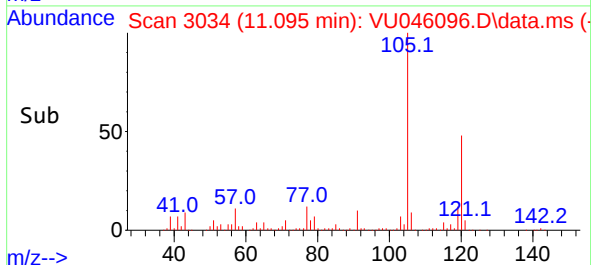
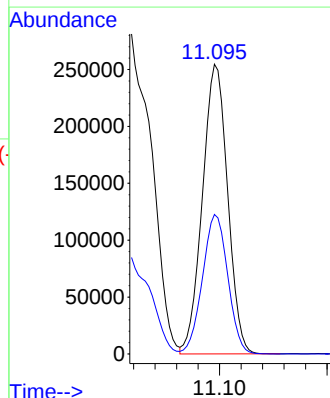
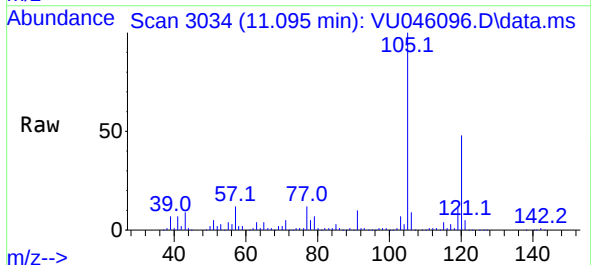
Instrument :
MSVOA_U
ClientSampleId :
BGKR0

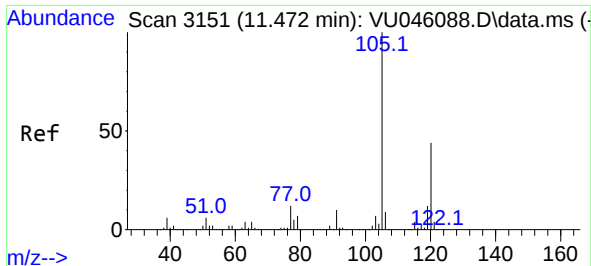
Tgt Ion:105 Resp: 90477
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 16.0 12.2 18.4



#62
1,3,5-Trimethylbenzene
Concen: 60.039 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU046096.D
Acq: 04 Dec 2021 16:21

Tgt Ion:105 Resp: 414543
Ion Ratio Lower Upper
105 100
120 48.3 37.8 56.6

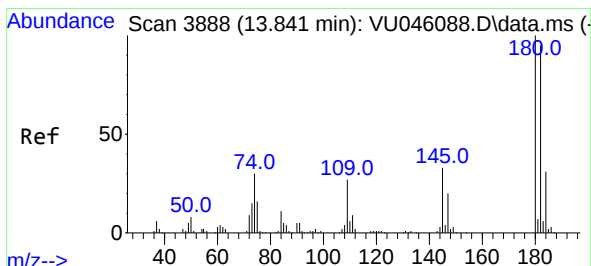
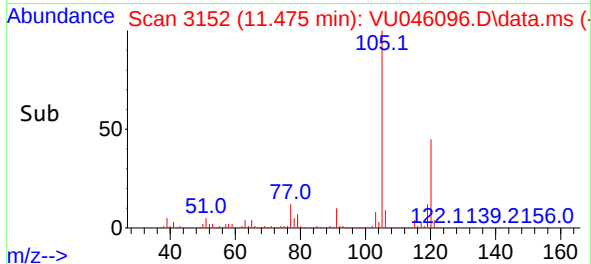
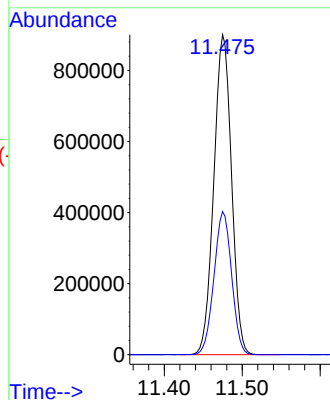
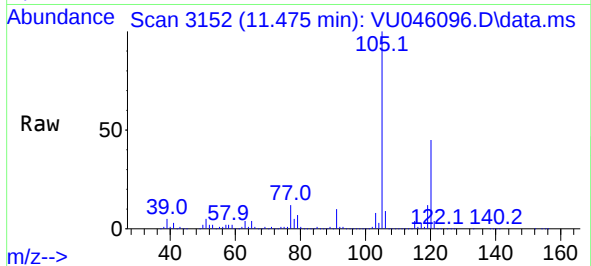




#63
1,2,4-Trimethylbenzene
Concen: 205.537 ug/L
RT: 11.475 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU046096.D
Acq: 04 Dec 2021 16:21

Instrument :
MSVOA_U
ClientSampleId :
BGKR0

Tgt Ion:105 Resp: 1419844
Ion Ratio Lower Upper
105 100
120 44.6 35.2 52.8



#70
1,2,4-trichlorobenzene
Concen: 2.317 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU046096.D
Acq: 04 Dec 2021 16:21

Tgt Ion:180 Resp: 5895
Ion Ratio Lower Upper
180 100
182 99.6 76.7 115.1
145 64.1 26.0 39.0#

