

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046048.D
 Acq On : 02 Dec 2021 13:36
 Operator : SY/MD
 Sample : M4868-01 10X
 Misc : 4.97g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKN8

Quant Time: Dec 03 05:10:27 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)

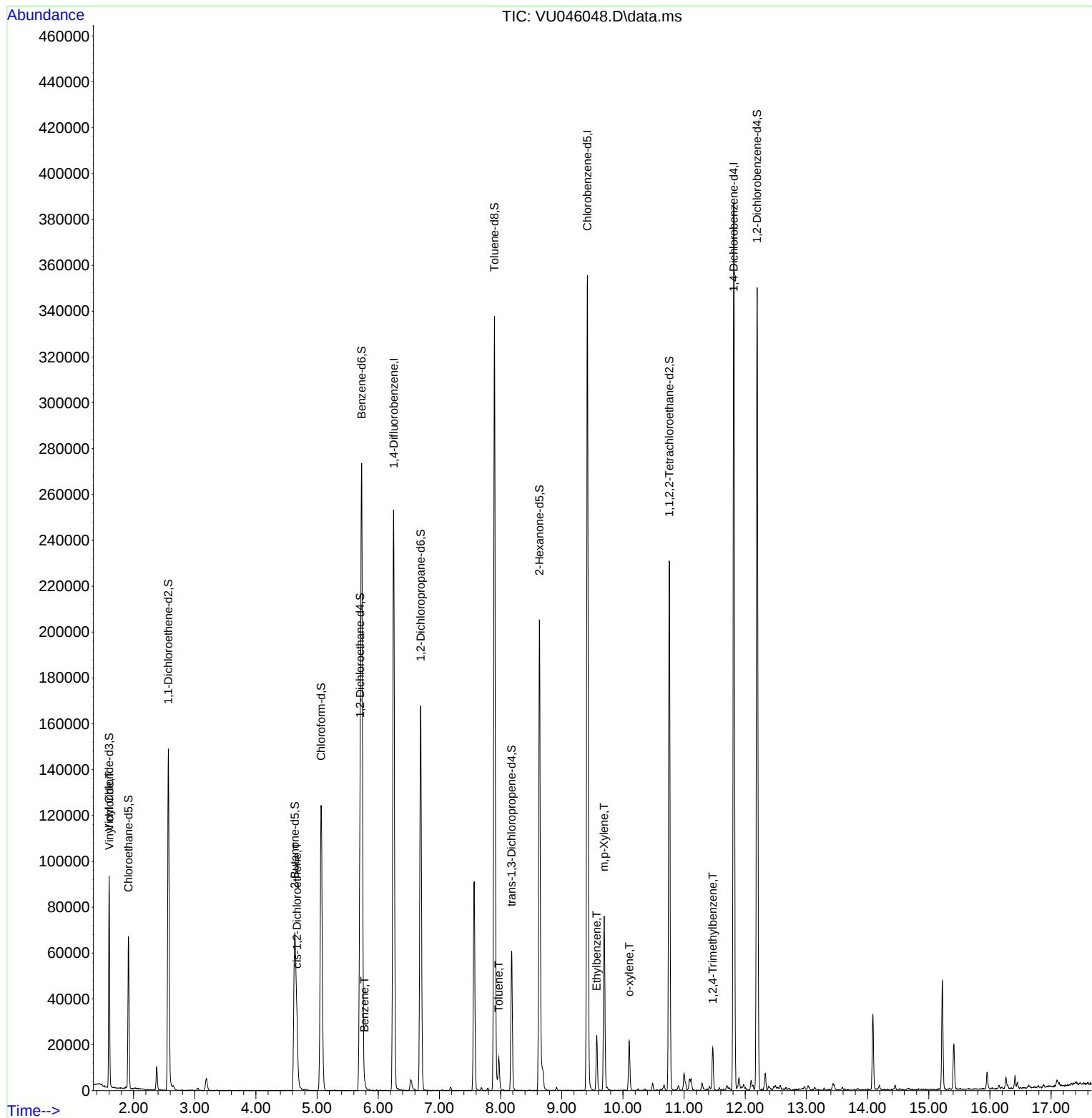
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	209503	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	203418	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101167	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	62943	36.472	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.940%
7) Chloroethane-d5	1.916	69	47558	35.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.780%
11) 1,1-Dichloroethene-d2	2.568	63	87847	28.355	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.720%#
21) 2-Butanone-d5	4.636	46	107681	78.490	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.490%
24) Chloroform-d	5.067	84	116068	40.274	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.540%
26) 1,2-Dichloroethane-d4	5.703	65	80251	41.492	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.980%
32) Benzene-d6	5.729	84	254597	43.668	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.340%
36) 1,2-Dichloropropane-d6	6.694	67	80618	44.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.240%
41) Toluene-d8	7.899	98	226227	42.616	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.240%
43) trans-1,3-Dichloroprop...	8.179	79	35725	40.957	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.920%
47) 2-Hexanone-d5	8.636	63	75042	87.592	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.590%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	113252	41.329	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.660%
66) 1,2-Dichlorobenzene-d4	12.195	152	89611	45.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.980%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1127	0.548	ug/L	# 1
20) cis-1,2-Dichloroethene	4.671	96	10085	6.063	ug/L	92
33) Benzene	5.774	78	3554	0.577	ug/L	100
42) Toluene	7.970	91	10408	1.575	ug/L	98
52) Ethylbenzene	9.571	91	17525	2.465	ug/L	95
53) m,p-Xylene	9.693	106	22050	7.952	ug/L	95
54) o-xylene	10.102	106	6039	2.245	ug/L	91
63) 1,2,4-Trimethylbenzene	11.468	105	10410	1.896	ug/L	100

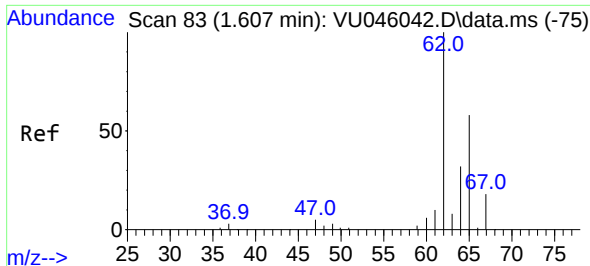
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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BGKN8

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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
Response via : Initial Calibration

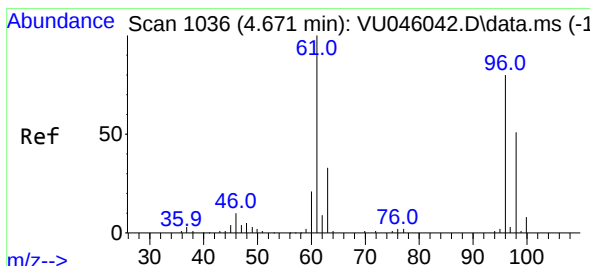
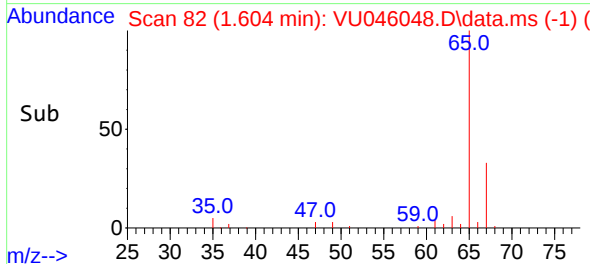
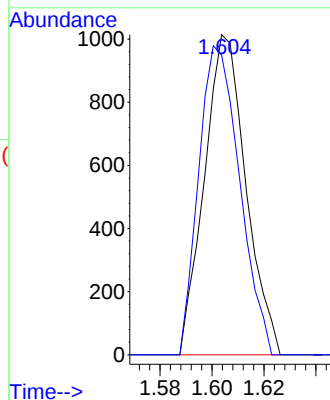
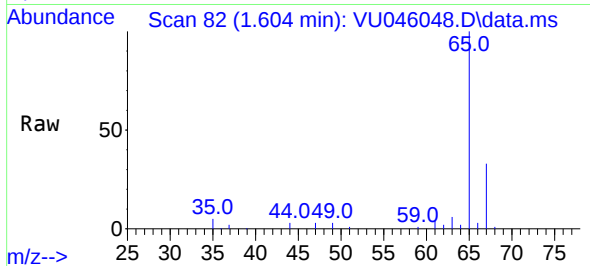




#5
 Vinyl chloride
 Concen: 0.548 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046048.D
 Acq: 02 Dec 2021 13:36

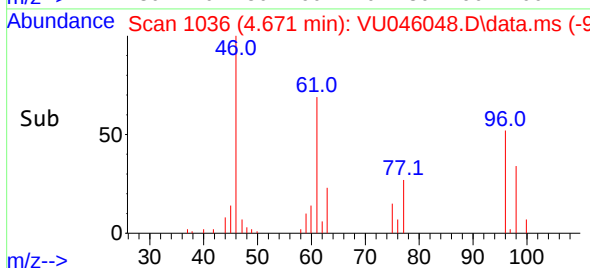
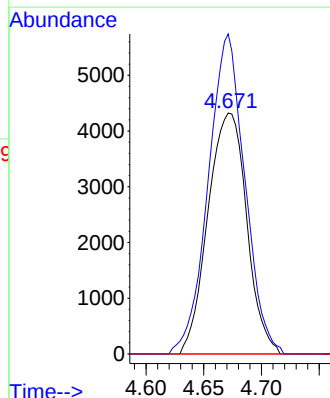
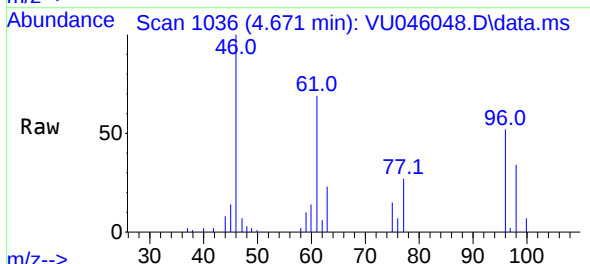
Instrument :
 MSVOA_U
 ClientSampleId :
 BGKN8

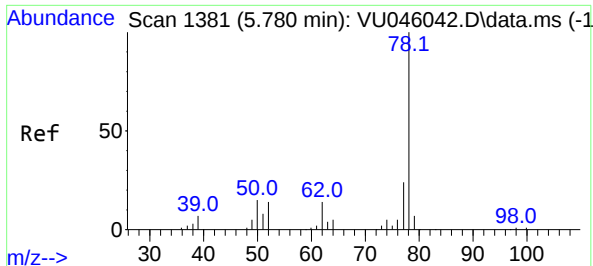
Tgt Ion: 62 Resp: 1127
 Ion Ratio Lower Upper
 62 100
 64 93.6 22.9 42.5#



#20
 cis-1,2-Dichloroethene
 Concen: 6.063 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU046048.D
 Acq: 02 Dec 2021 13:36

Tgt Ion: 96 Resp: 10085
 Ion Ratio Lower Upper
 96 100
 61 132.8 86.8 161.2
 68 0.0 0.0 0.0

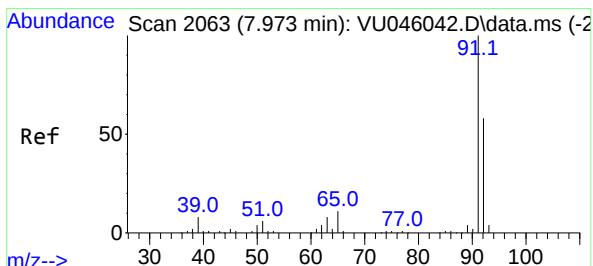
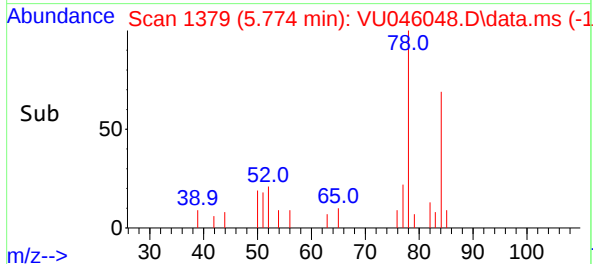
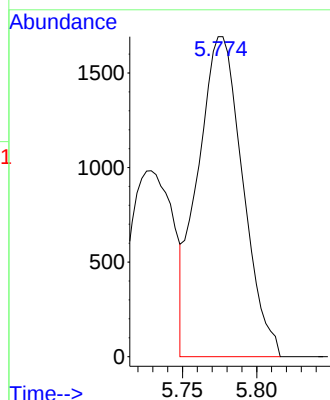
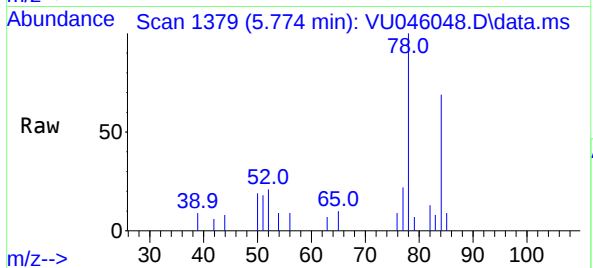




#33
Benzene
Concen: 0.577 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU046048.D
Acq: 02 Dec 2021 13:36

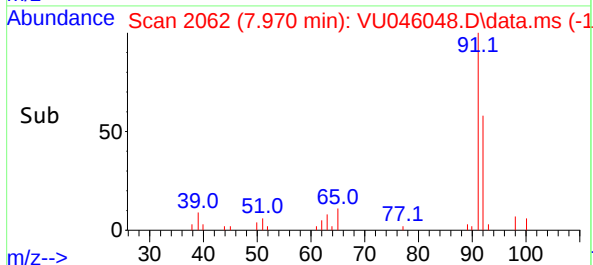
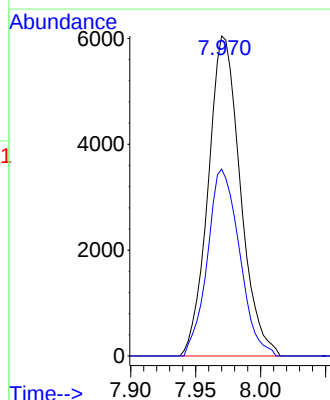
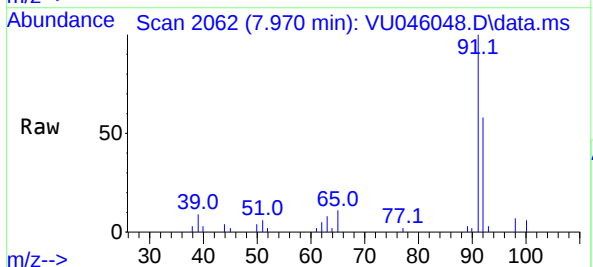
Instrument :
MSVOA_U
ClientSampleId :
BGKN8

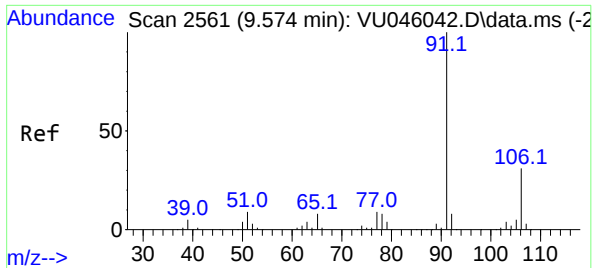
Tgt Ion: 78 Resp: 3554



#42
Toluene
Concen: 1.575 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU046048.D
Acq: 02 Dec 2021 13:36

Tgt Ion: 91 Resp: 10408
Ion Ratio Lower Upper
91 100
92 58.4 41.9 77.7

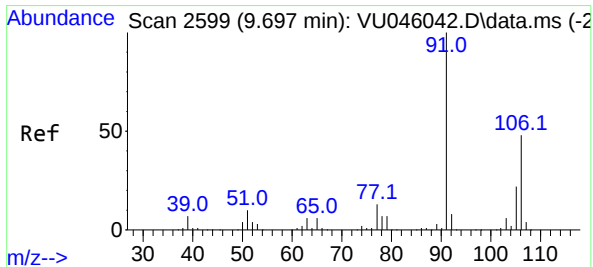
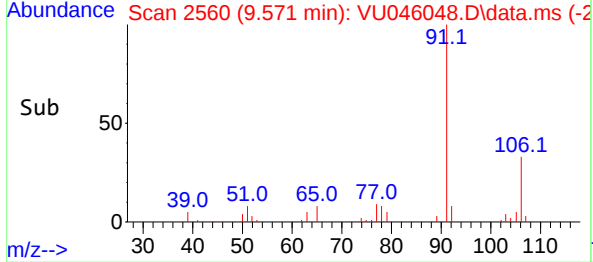
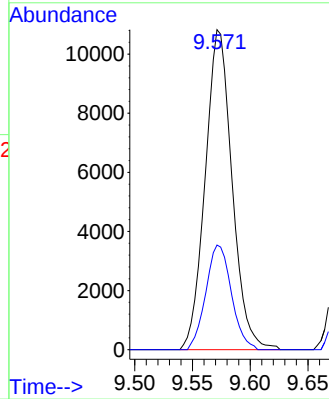
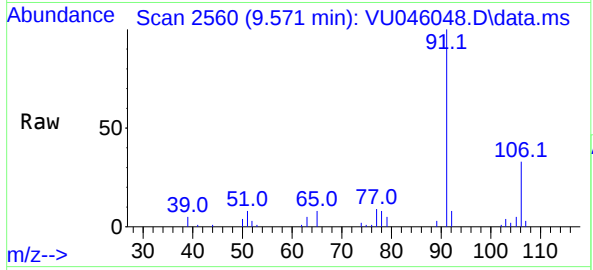




#52
Ethylbenzene
Concen: 2.465 ug/L
RT: 9.571 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046048.D
Acq: 02 Dec 2021 13:36

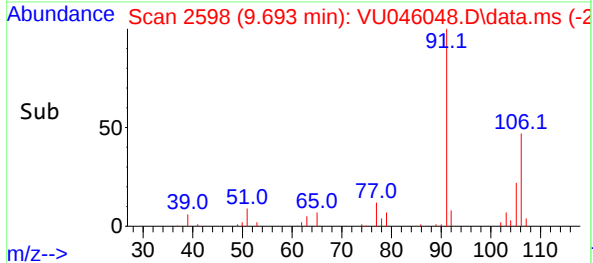
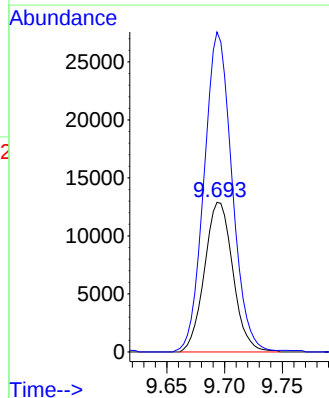
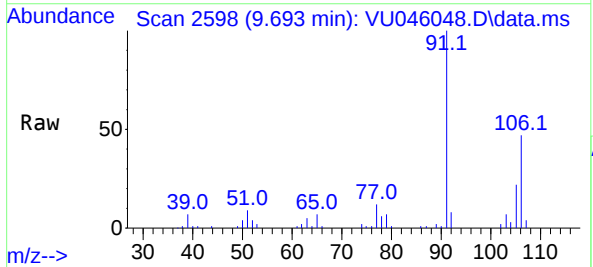
Instrument :
MSVOA_U
ClientSampleId :
BGKN8

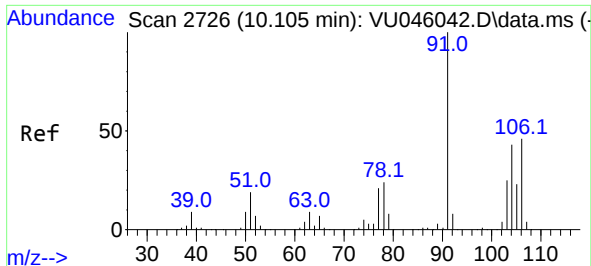
Tgt Ion: 91 Resp: 17525
Ion Ratio Lower Upper
91 100
106 32.7 21.1 39.3



#53
m,p-Xylene
Concen: 7.952 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046048.D
Acq: 02 Dec 2021 13:36

Tgt Ion: 106 Resp: 22050
Ion Ratio Lower Upper
106 100
91 213.8 144.3 268.1

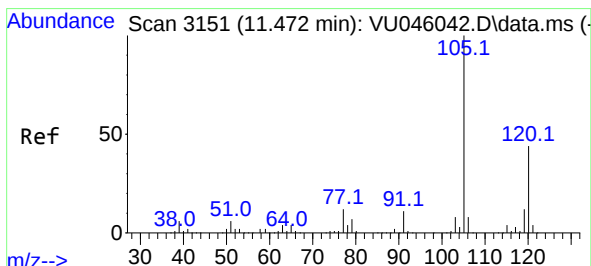
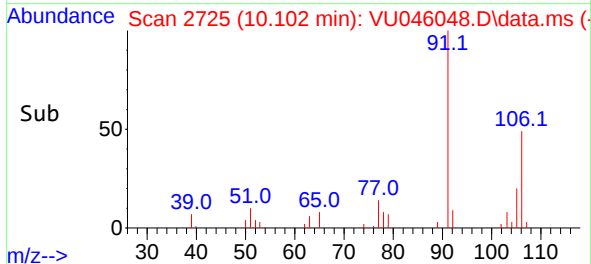
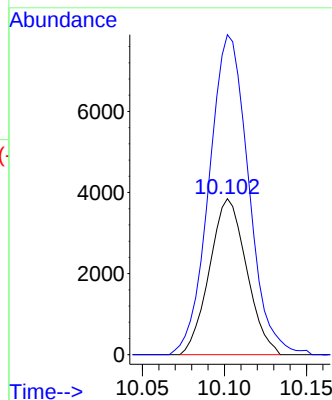
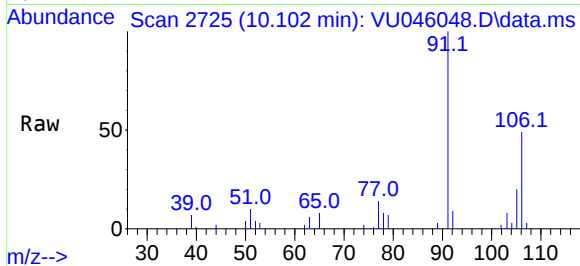




#54
o-xylene
Concen: 2.245 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046048.D
Acq: 02 Dec 2021 13:36

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

Tgt Ion:106 Resp: 6039
Ion Ratio Lower Upper
106 100
91 205.1 154.2 286.4



#63
1,2,4-Trimethylbenzene
Concen: 1.896 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046048.D
Acq: 02 Dec 2021 13:36

Tgt Ion:105 Resp: 10410
Ion Ratio Lower Upper
105 100
120 43.8 35.2 52.8

