

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100921\
 Data File : VU045271.D
 Acq On : 09 Oct 2021 18:36
 Operator : SY/MD
 Sample : M4138-04DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7F3DL

Quant Time: Oct 11 01:48:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 11 01:47:08 2021
 Response via : Initial Calibration

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

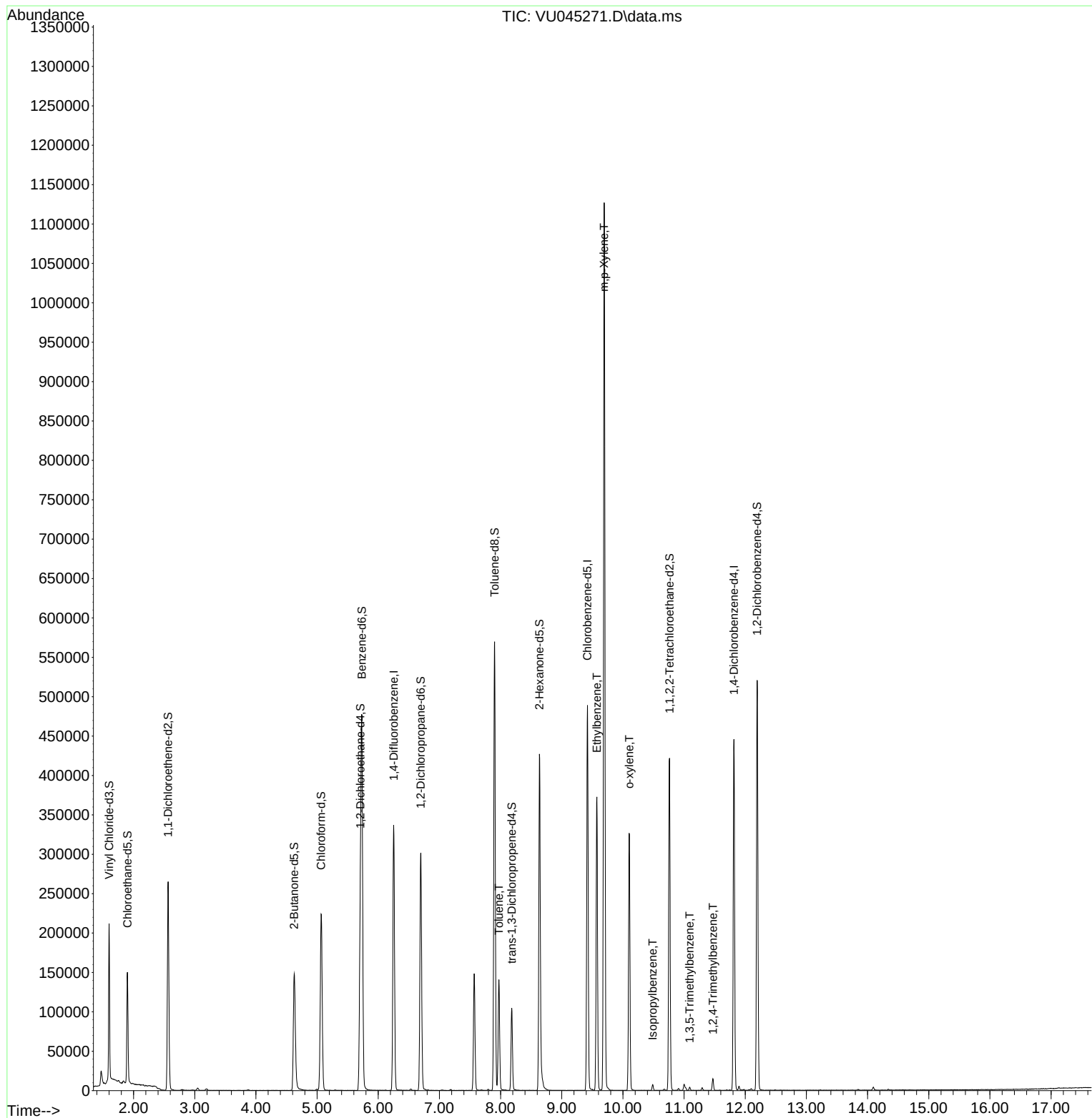
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	260883	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	254300	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	110476	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	130303	45.626	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.260%		
7) Chloroethane-d5	1.899	69	107295	47.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.820%		
11) 1,1-Dichloroethene-d2	2.565	63	160618	33.490	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.980%		
21) 2-Butanone-d5	4.626	46	215394	95.400	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.400%		
24) Chloroform-d	5.067	84	203798	45.182	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.360%		
26) 1,2-Dichloroethane-d4	5.706	65	143801	47.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.140%		
32) Benzene-d6	5.732	84	427968	48.500	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.000%		
36) 1,2-Dichloropropane-d6	6.694	67	137826	47.902	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.800%		
41) Toluene-d8	7.902	98	366569	48.137	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.280%		
43) trans-1,3-Dichloroprop...	8.182	79	55172	43.107	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.220%		
47) 2-Hexanone-d5	8.636	63	144625	90.703	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.700%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211131	47.123	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.240%		
66) 1,2-Dichlorobenzene-d4	12.195	152	126672	52.686	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.380%		
Target Compounds					Qvalue	
42) Toluene	7.973	91	97896	10.215	ug/L	99
52) Ethylbenzene	9.574	91	254441	25.133	ug/L	100
53) m,p-Xylene	9.693	106	304610	79.426	ug/L	100
54) o-xylene	10.102	106	85800	22.767	ug/L	100
61) Isopropylbenzene	10.488	105	5064	0.626	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	2611	0.387	ug/L	96
63) 1,2,4-Trimethylbenzene	11.471	105	8135	1.177	ug/L	97

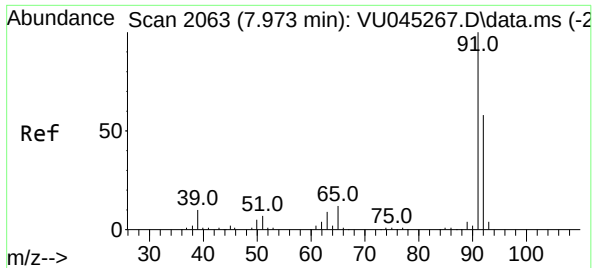
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 11 01:47:08 2021
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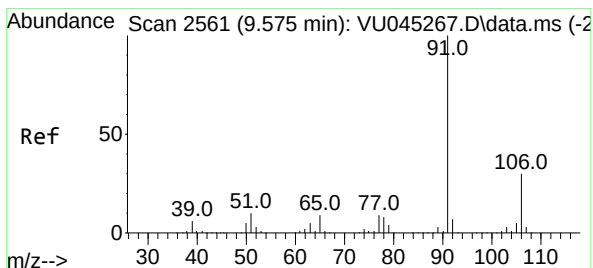
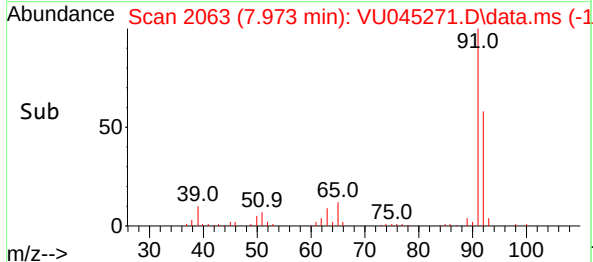
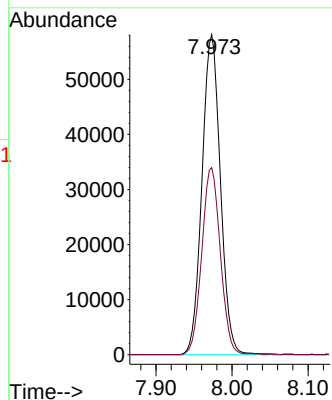
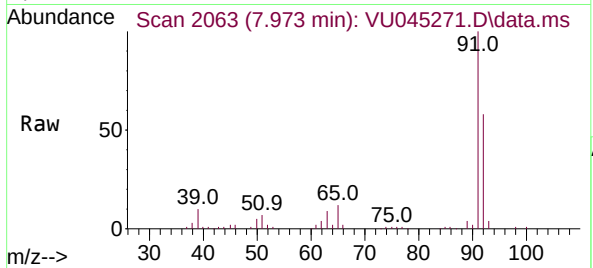




#42
Toluene
Concen: 10.215 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

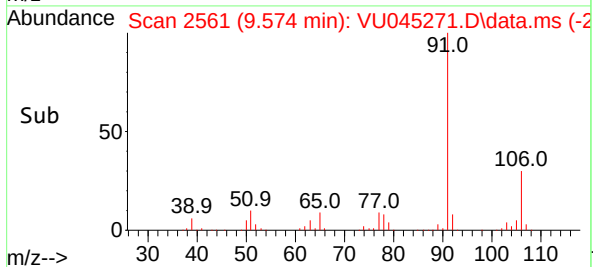
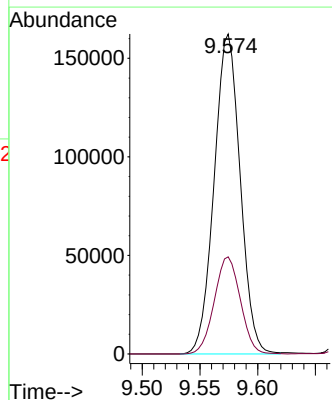
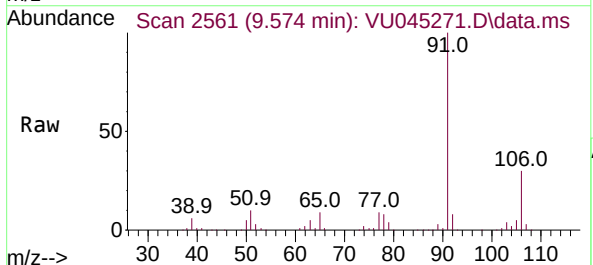
Instrument :
MSVOA_U
ClientSampleID :
EW7F3DL

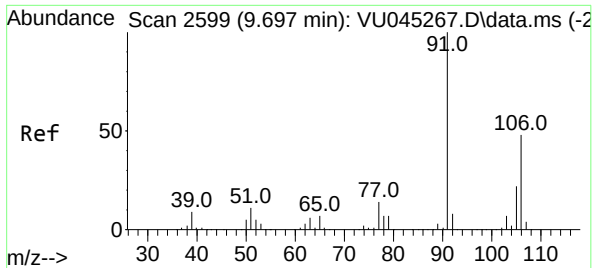
Tgt Ion: 91 Resp: 97896
Ion Ratio Lower Upper
91 100
92 58.5 40.5 75.1



#52
Ethylbenzene
Concen: 25.133 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion: 91 Resp: 254441
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4

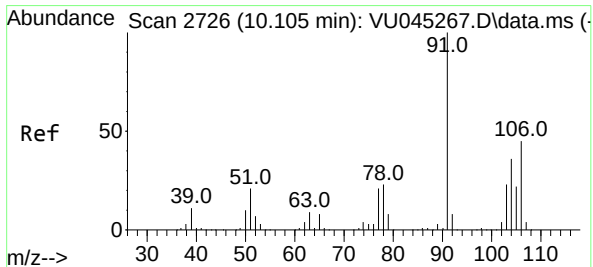
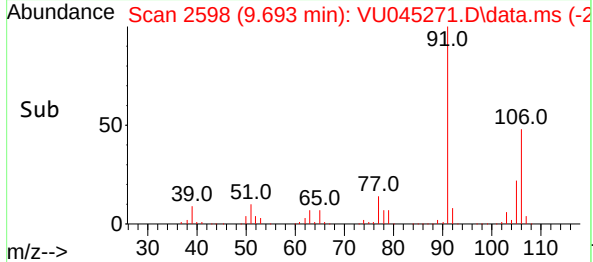
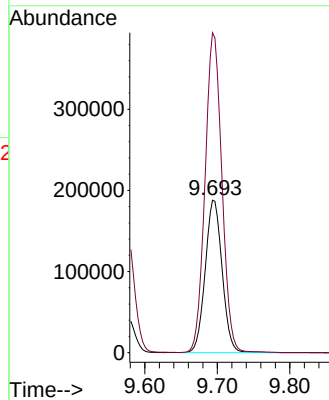
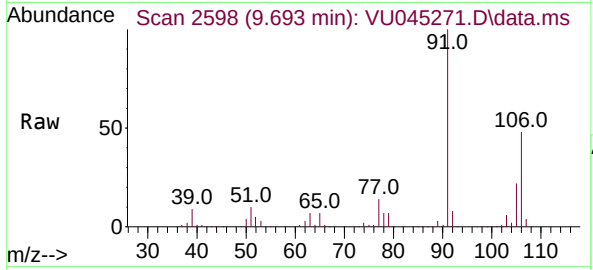




#53
m,p-Xylene
Concen: 79.426 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

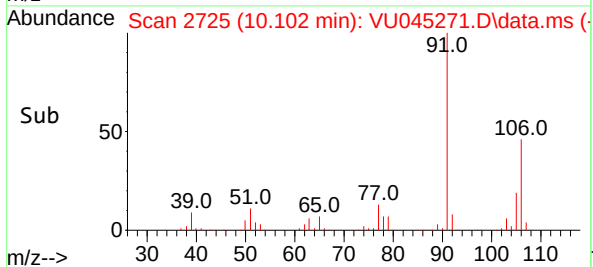
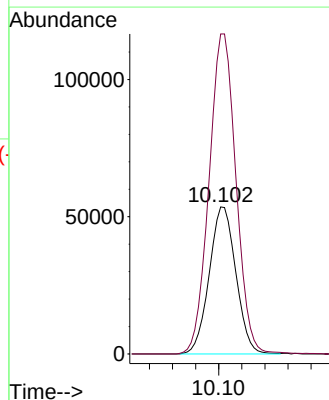
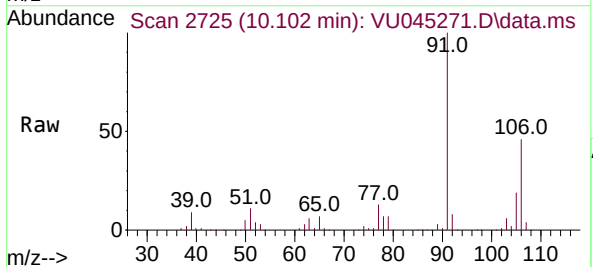
Instrument :
MSVOA_U
ClientSampled :
EW7F3DL

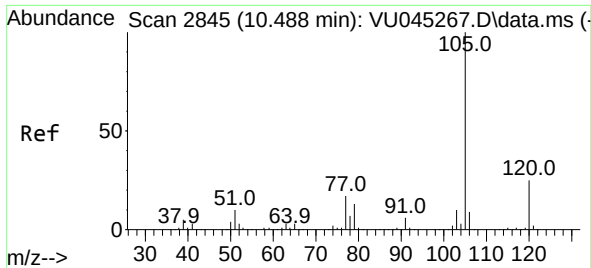
Tgt Ion:106 Resp: 304610
Ion Ratio Lower Upper
106 100
91 209.8 146.7 272.4



#54
o-xylene
Concen: 22.767 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion:106 Resp: 85800
Ion Ratio Lower Upper
106 100
91 217.6 152.9 283.9

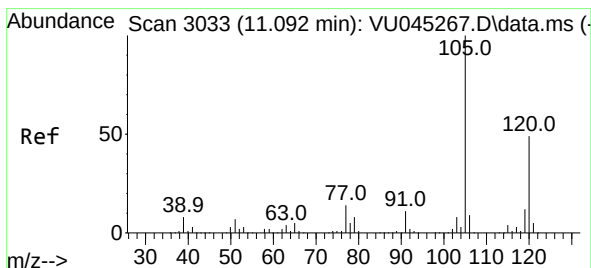
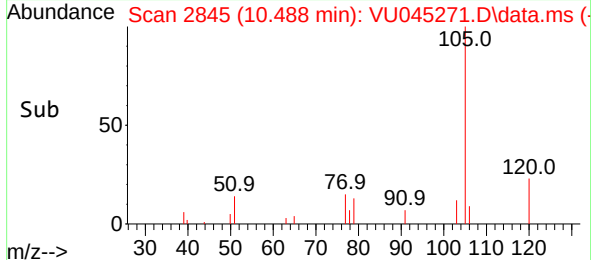
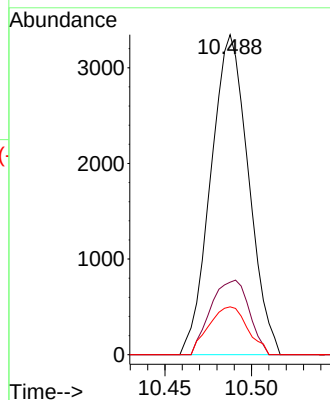
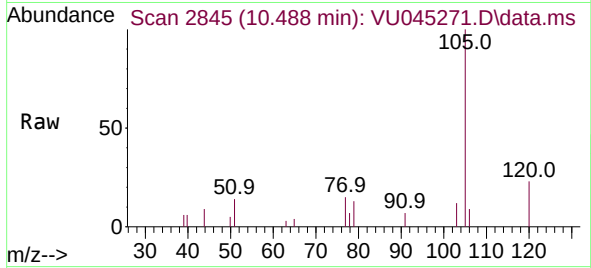




#61
Isopropylbenzene
Concen: 0.626 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

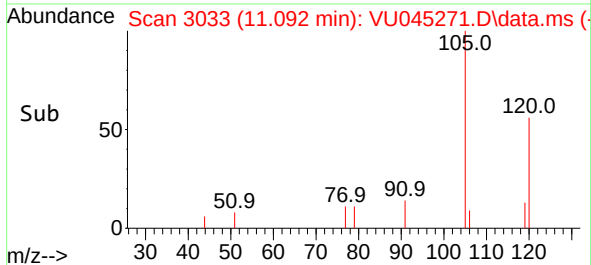
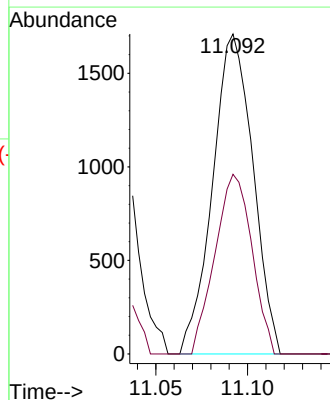
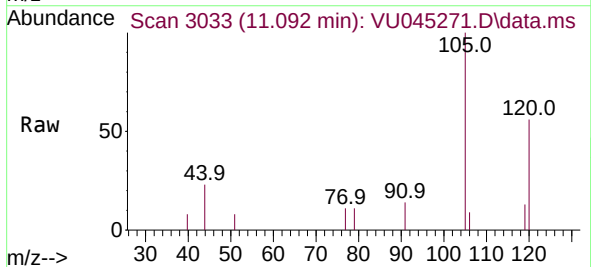
Instrument :
MSVOA_U
ClientSampleId :
EW7F3DL

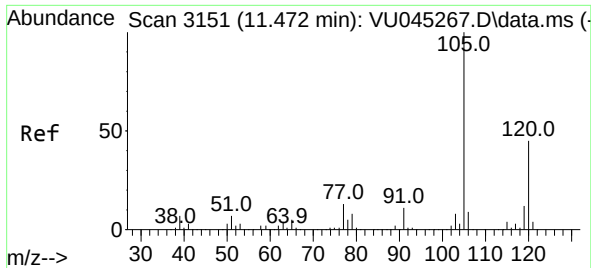
Tgt Ion:	105	Resp:	5064
Ion	Ratio	Lower	Upper
105	100		
120	23.8	20.5	30.7
77	15.4	13.5	20.3



#62
1,3,5-Trimethylbenzene
Concen: 0.387 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045271.D
Acq: 09 Oct 2021 18:36

Tgt Ion:	105	Resp:	2611
Ion	Ratio	Lower	Upper
105	100		
120	51.4	38.8	58.2





#63
 1,2,4-Trimethylbenzene
 Concen: 1.177 ug/L
 RT: 11.471 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VU045271.D
 Acq: 09 Oct 2021 18:36

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7F3DL

Tgt Ion:105 Resp: 8135
 Ion Ratio Lower Upper
 105 100
 120 42.5 35.7 53.5

