

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
 Data File : VU061094.D
 Acq On : 10 Oct 2024 17:11
 Operator : MD/SY
 Sample : P4380-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E27H9

Quant Time: Oct 11 06:50:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

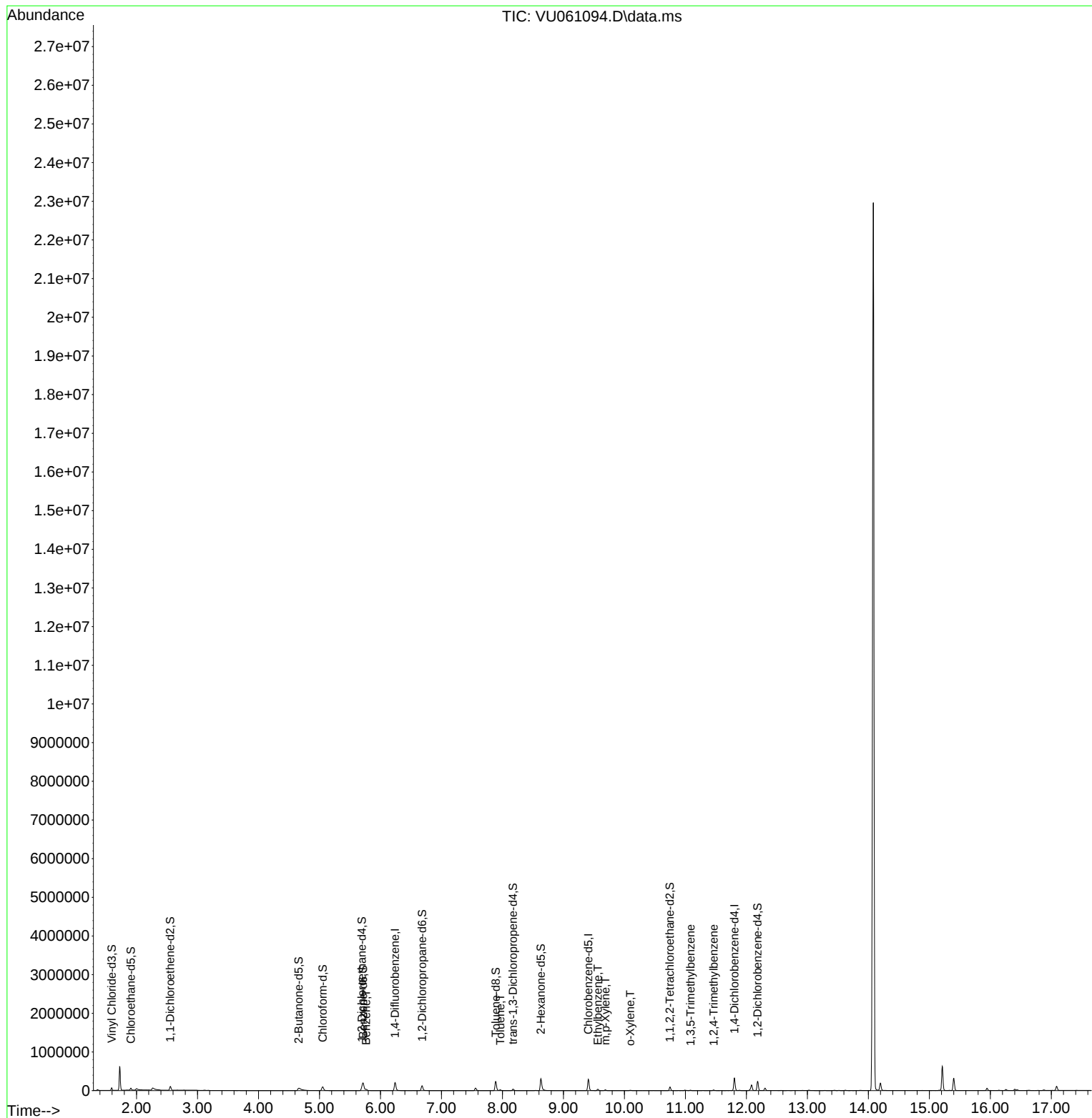
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	172574	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	161234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42531	3.447	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.907	69	36020	3.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.554	65	19322	3.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.660	46	131571	44.518	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.040%
24) Chloroform-d	5.052	84	90852	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.695	65	49817	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.714	84	179551	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.682	67	60610	4.341	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.891	98	161020	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.174	79	23697	3.970	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.631	63	115039	46.558	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46809	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	59597	4.579	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						Qvalue
33) Benzene	5.766	78	29683	0.625	ug/L	100
42) Toluene	7.965	91	15154	0.299	ug/L	96
52) Ethylbenzene	9.563	91	26813	0.467	ug/L	97
53) m,p-Xylene	9.688	106	5774	0.276	ug/L	88
54) o-Xylene	10.097	106	2432	0.118	ug/L	89
62) 1,3,5-Trimethylbenzene	11.084	105	5828	0.121	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	9877	0.204	ug/L	98

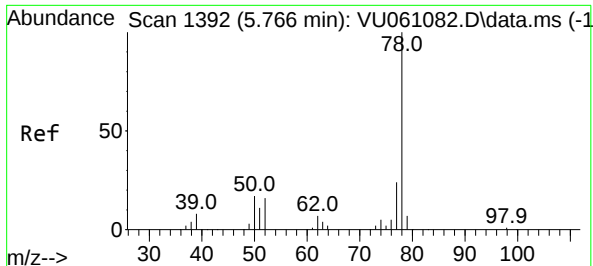
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 0.625 ug/L

RT: 5.766 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061094.D

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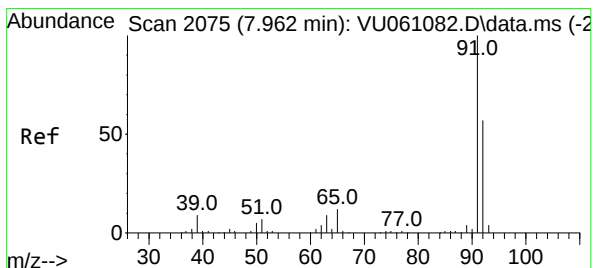
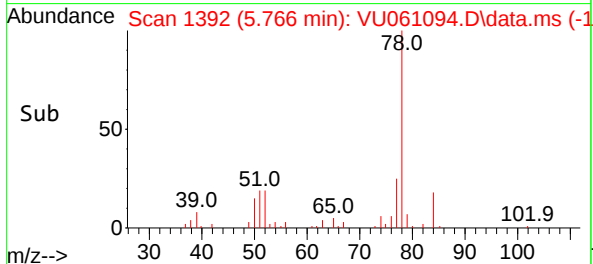
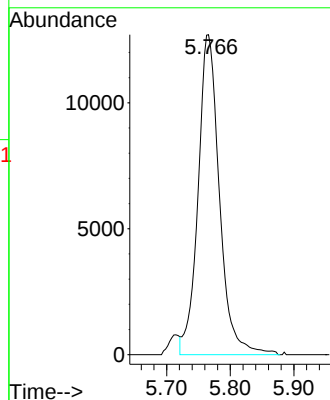
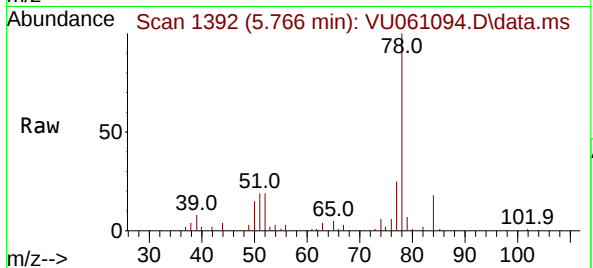
Instrument :

MSVOA_U

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Tgt Ion: 78 Resp: 29683



#42

Toluene

Concen: 0.299 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU061094.D

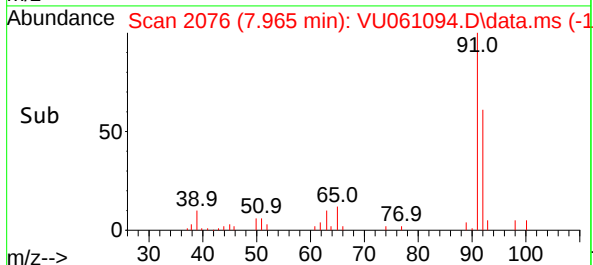
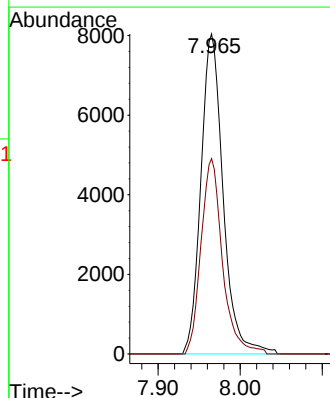
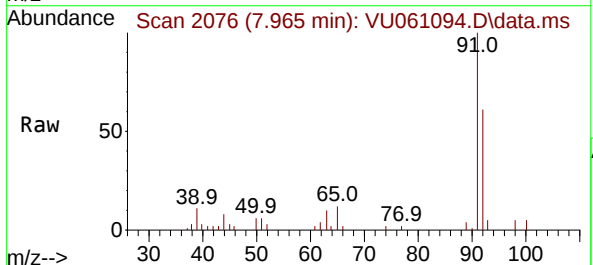
Acq: 10 Oct 2024 17:11

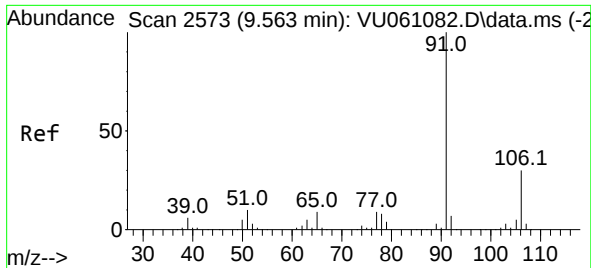
Tgt Ion: 91 Resp: 15154

Ion Ratio Lower Upper

91 100

92 61.1 40.5 75.3

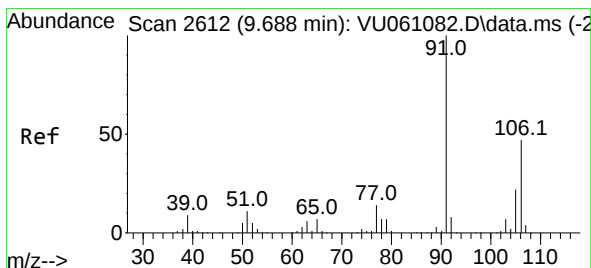
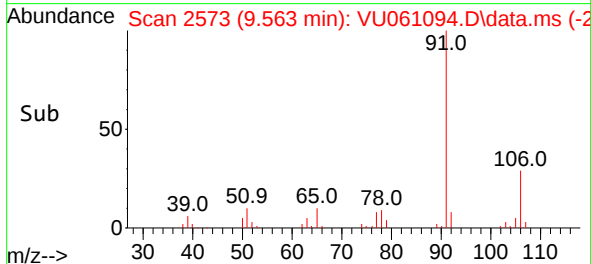
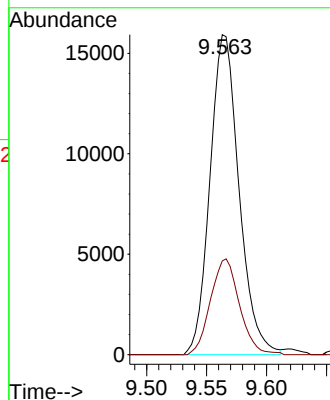
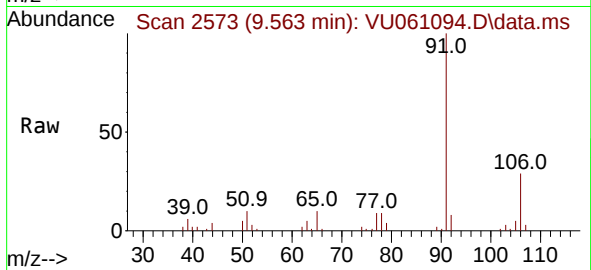




#52
Ethylbenzene
Concen: 0.467 ug/L
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061094.D
Acq: 10 Oct 2024 17:11

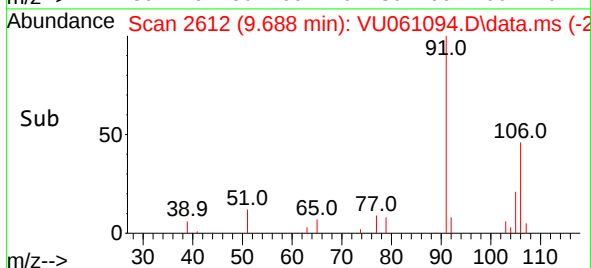
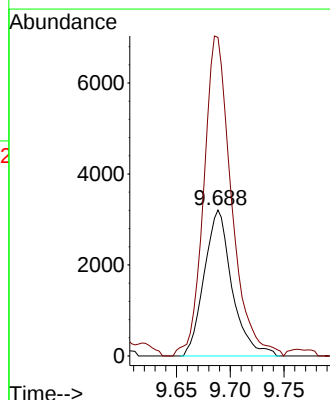
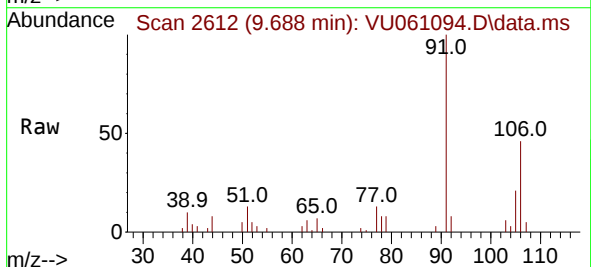
Instrument :
MSVOA_U
ClientSampleId :
E27H9

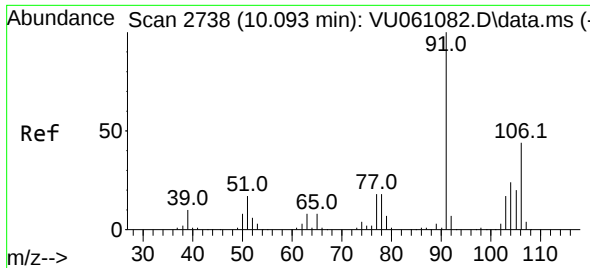
Tgt Ion: 91 Resp: 26813
Ion Ratio Lower Upper
91 100
106 29.3 21.8 40.6



#53
m,p-Xylene
Concen: 0.276 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU061094.D
Acq: 10 Oct 2024 17:11

Tgt Ion: 106 Resp: 5774
Ion Ratio Lower Upper
106 100
91 218.2 139.7 259.4

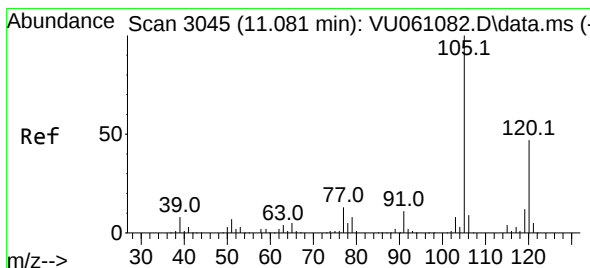
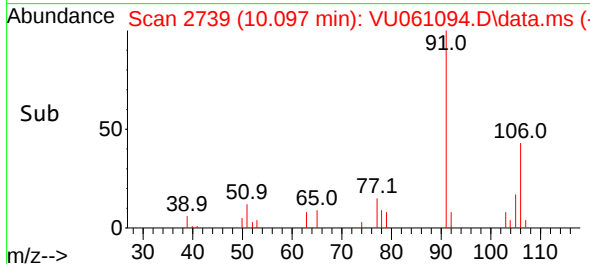
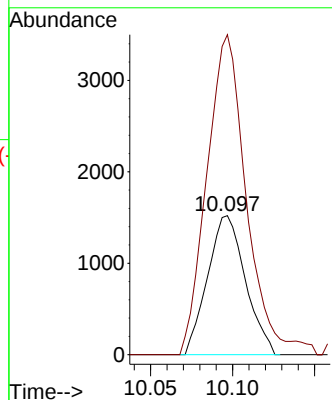
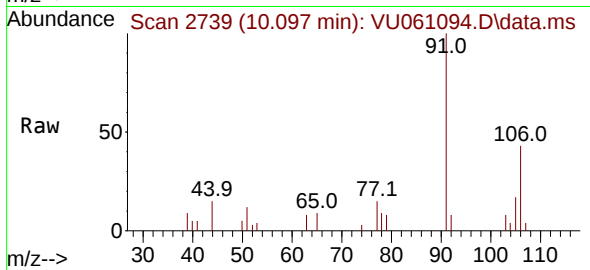




#54
o-Xylene
Concen: 0.118 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061094.D
Acq: 10 Oct 2024 17:11

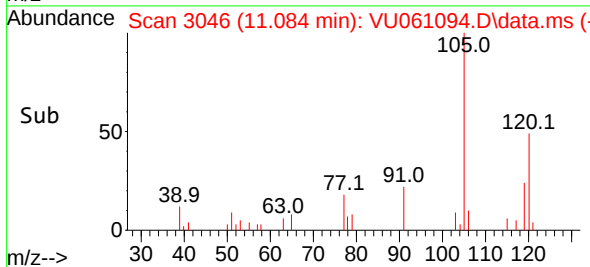
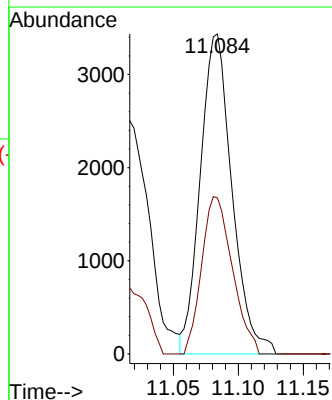
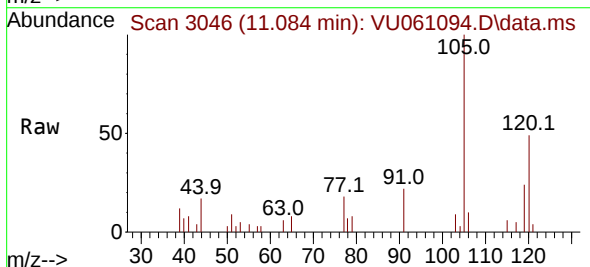
Instrument :
MSVOA_U
ClientSampleId :
E27H9

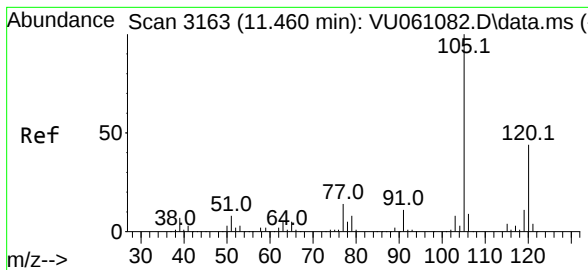
Tgt Ion:106 Resp: 2432
Ion Ratio Lower Upper
106 100
91 230.1 148.6 276.0



#62
1,3,5-Trimethylbenzene
Concen: 0.121 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU061094.D
Acq: 10 Oct 2024 17:11

Tgt Ion:105 Resp: 5828
Ion Ratio Lower Upper
105 100
120 47.7 38.5 57.7





#63
1,2,4-Trimethylbenzene
Concen: 0.204 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU061094.D
Acq: 10 Oct 2024 17:11

Instrument :
MSVOA_U
ClientSampleId :
E27H9

Tgt Ion:105 Resp: 9877
Ion Ratio Lower Upper
105 100
120 46.6 36.1 54.1

