

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110124\
 Data File : VU061388.D
 Acq On : 02 Nov 2024 02:29
 Operator : MD/SY
 Sample : P4668-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD1

Quant Time: Nov 04 05:09:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

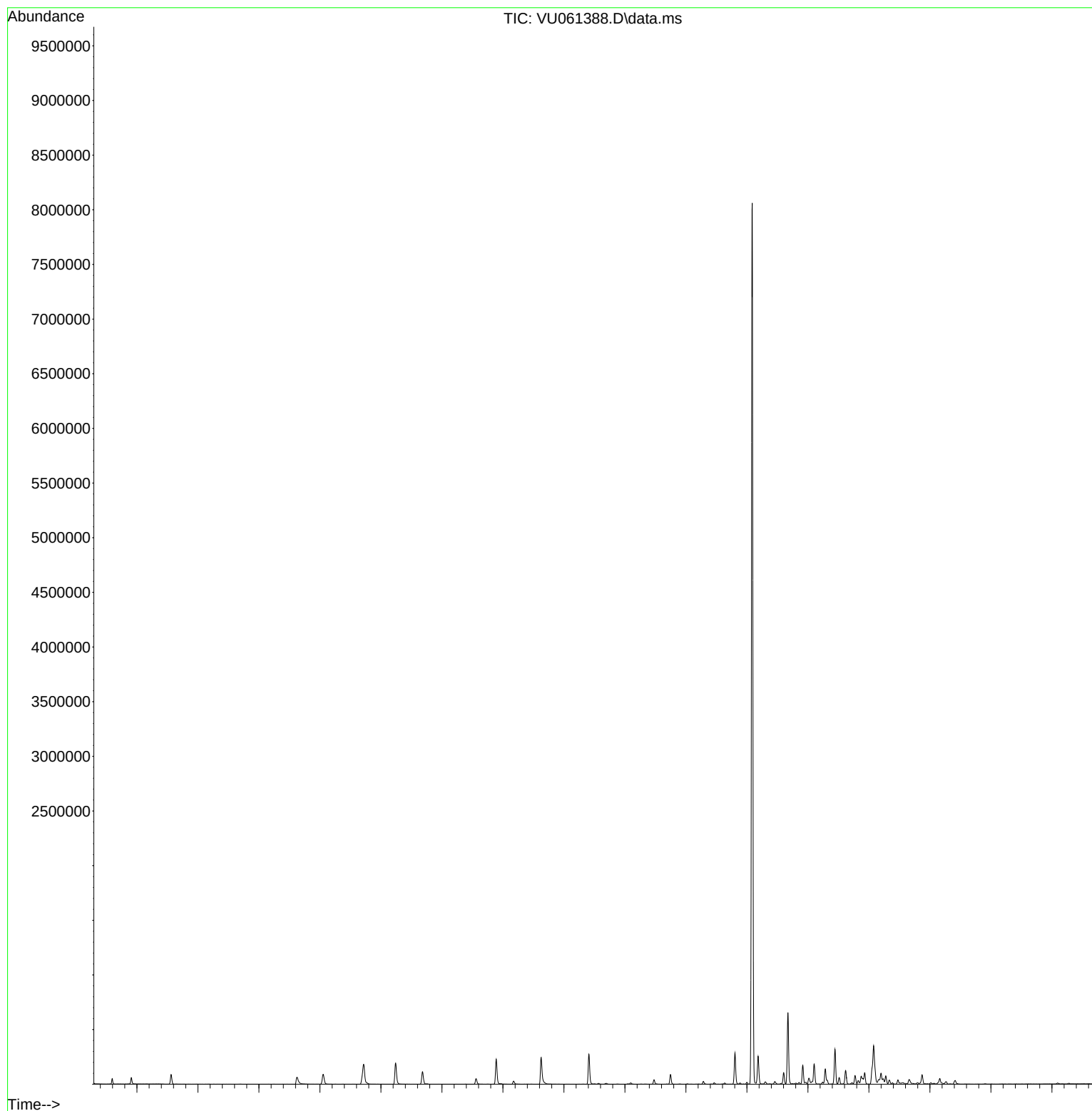
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	169822	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	158097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75553	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34041	2.951	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.907	69	40052	3.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.560	65	16514	3.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	4.624	46	97873	41.788	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.580%
24) Chloroform-d	5.052	84	88067	4.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.692	65	46604	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.717	84	178217	4.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.682	67	56239	4.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.891	98	158126	3.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.174	79	18333	3.353	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.000%
46) 2-Hexanone-d5	8.624	63	89200	39.837	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42287	4.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	62316	4.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds	Qvalue					
33) Benzene	5.766	78	9088	0.186	ug/L	100
35) Methylcyclohexane	6.753	83	1536	0.073	ug/L #	83
52) Ethylbenzene	9.569	91	6627	0.113	ug/L	99
53) m,p-Xylene	9.695	106	2265	0.102	ug/L	87
54) o-Xylene	10.097	106	3967	0.181	ug/L	96
60) Isopropylbenzene	10.479	105	27221	0.472	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	7720	0.166	ug/L	97

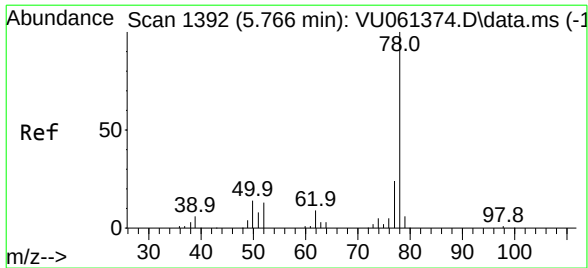
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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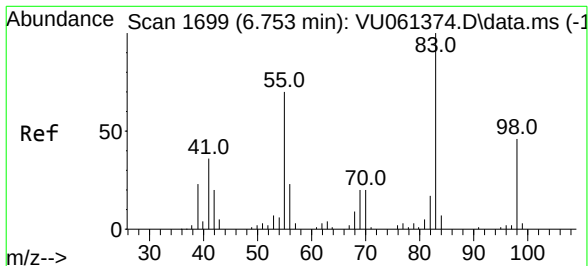
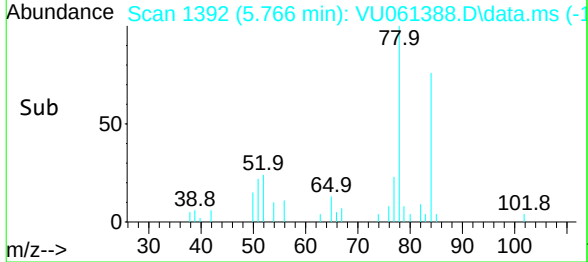
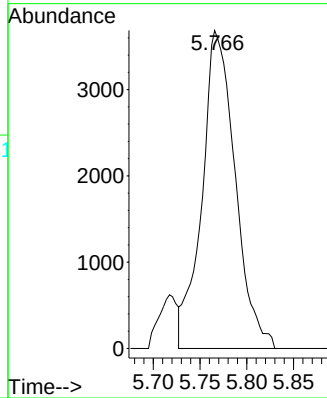
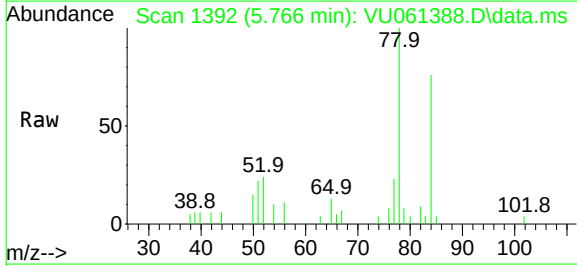




#33
Benzene
Concen: 0.186 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061388.D
Acq: 02 Nov 2024 02:29

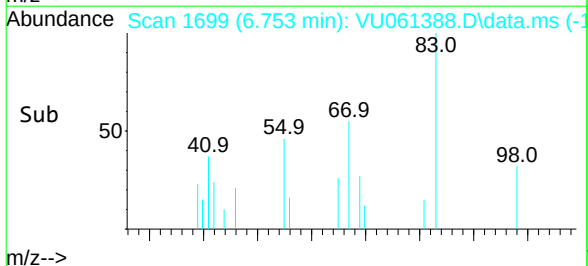
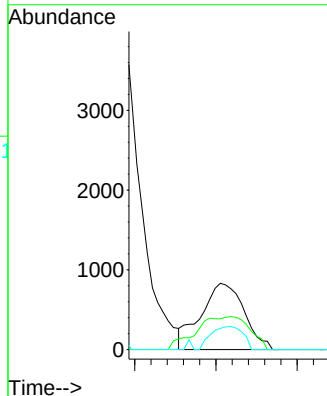
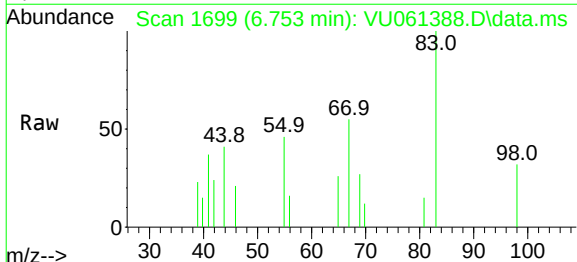
Instrument : MSVOA_U
ClientSampleId : C0AD1

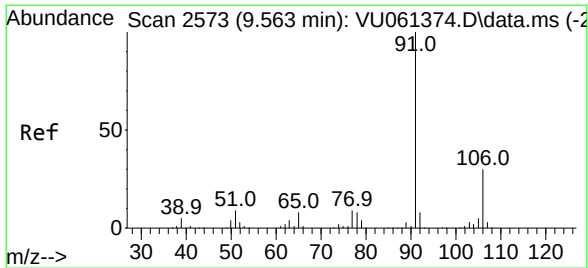
Tgt Ion: 78 Resp: 9088



#35
Methylcyclohexane
Concen: 0.073 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061388.D
Acq: 02 Nov 2024 02:29

Tgt Ion: 83 Resp: 1536
Ion Ratio Lower Upper
83 100
55 61.9 55.9 83.9
98 25.7 35.9 53.9#

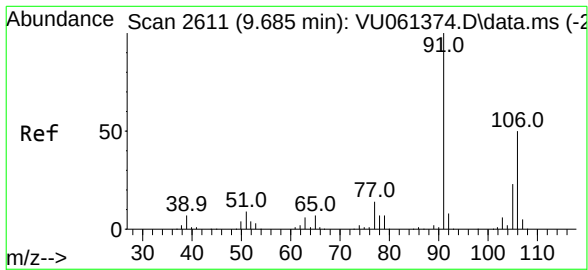
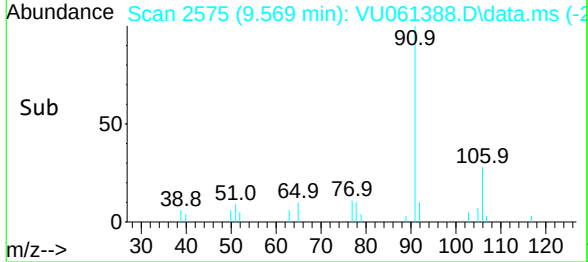
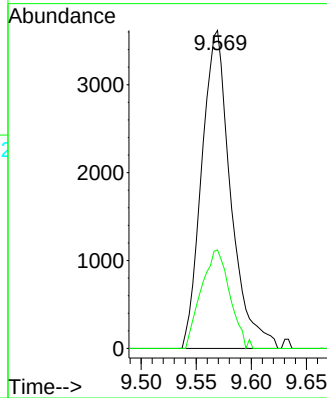
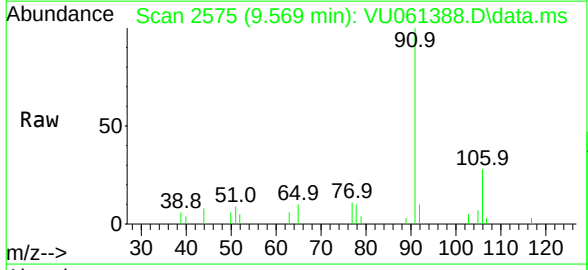




#52
Ethylbenzene
Concen: 0.113 ug/L
RT: 9.569 min Scan# 2573
Delta R.T. 0.006 min
Lab File: VU061388.D
Acq: 02 Nov 2024 02:29

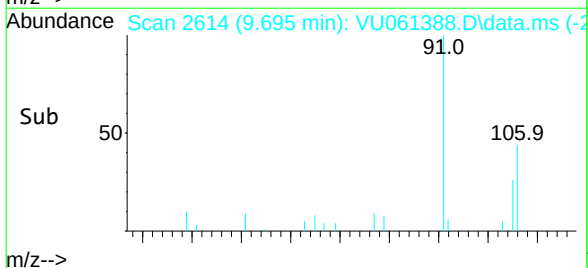
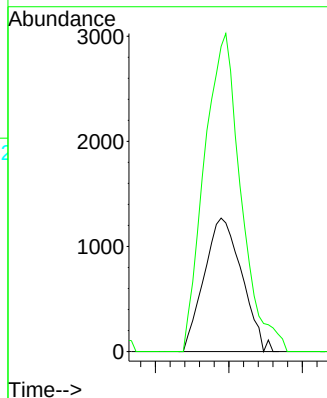
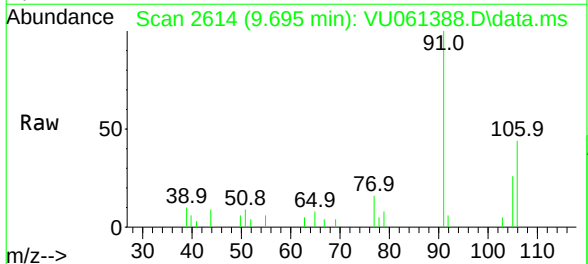
Instrument :
MSVOA_U
ClientSampleId :
C0AD1

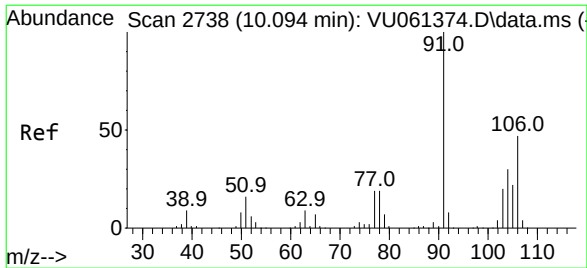
Tgt Ion: 91 Resp: 6627
Ion Ratio Lower Upper
91 100
106 31.0 22.0 41.0



#53
m,p-Xylene
Concen: 0.102 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.006 min
Lab File: VU061388.D
Acq: 02 Nov 2024 02:29

Tgt Ion: 106 Resp: 2265
Ion Ratio Lower Upper
106 100
91 228.6 145.7 270.7





#54

o-Xylene

Concen: 0.181 ug/L

RT: 10.097 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU061388.D

Acq: 02 Nov 2024 02:29

Instrument :

MSVOA_U

ClientSampleId :

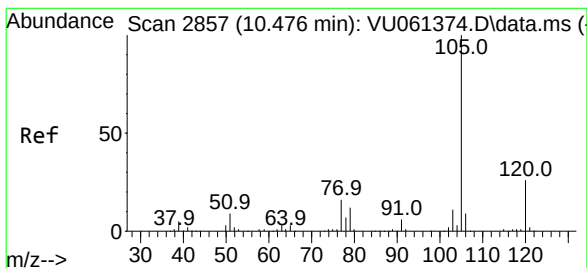
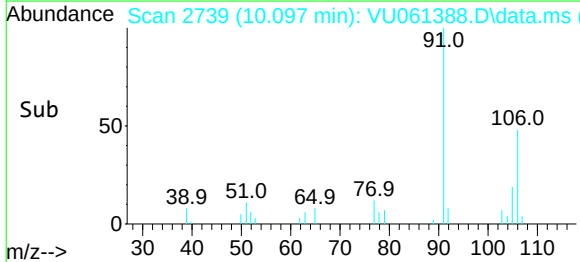
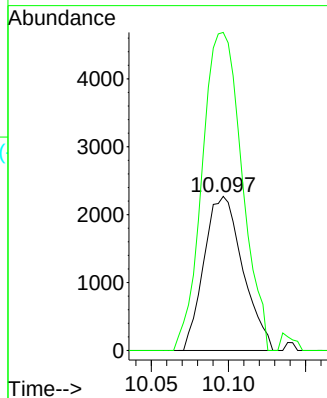
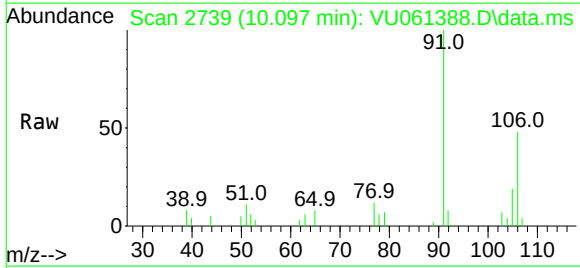
C0AD1

Tgt Ion:106 Resp: 3967

Ion Ratio Lower Upper

106 100

91 206.4 148.8 276.4



#60

Isopropylbenzene

Concen: 0.472 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU061388.D

Acq: 02 Nov 2024 02:29

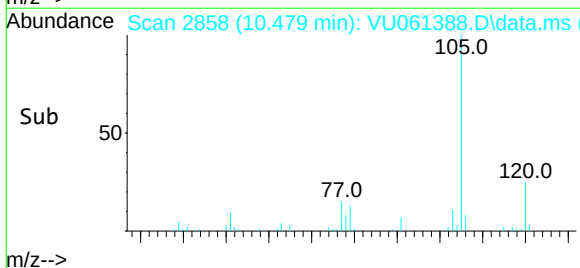
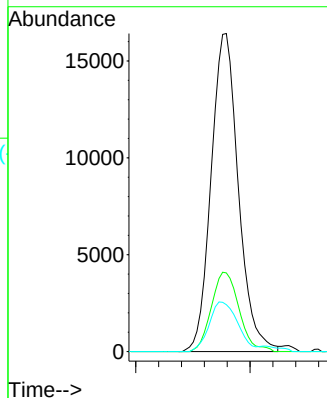
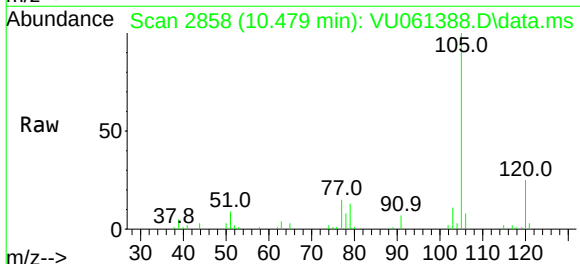
Tgt Ion:105 Resp: 27221

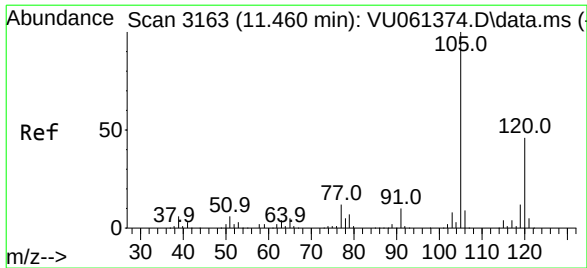
Ion Ratio Lower Upper

105 100

120 25.4 21.2 31.8

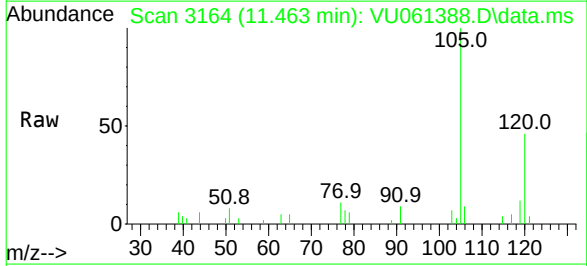
77 16.3 12.6 19.0





#63
1,2,4-Trimethylbenzene
Concen: 0.166 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU061388.D
Acq: 02 Nov 2024 02:29

Instrument :
MSVOA_U
ClientSampleId :
C0AD1



Tgt Ion:105 Resp: 7720
Ion Ratio Lower Upper
105 100
120 45.8 35.4 53.0

