

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110124\
 Data File : VU061376.D
 Acq On : 01 Nov 2024 21:35
 Operator : MD/SY
 Sample : P4625-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB6

Quant Time: Nov 04 05:08:19 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)

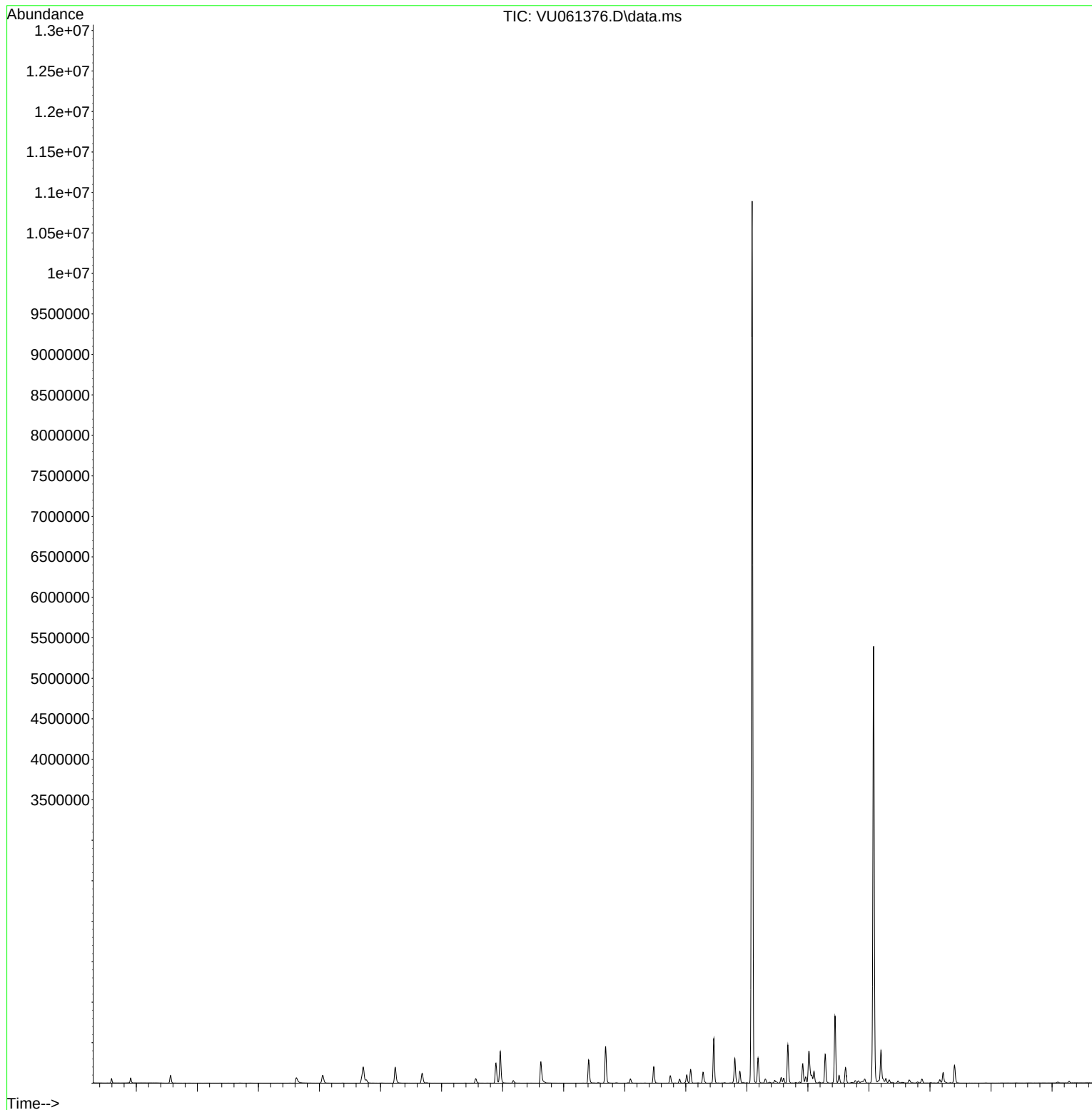
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	170380	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	158831	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37510	3.241	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.800%
7) Chloroethane-d5	1.907	69	42203	3.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.560	65	18378	3.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.621	46	104027	44.270	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.540%
24) Chloroform-d	5.052	84	93388	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.695	65	49582	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.718	84	190186	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.682	67	60089	4.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.891	98	173952	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.174	79	20043	3.649	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.627	63	96446	42.874	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	45928	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	70254	5.008	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
33) Benzene	5.769	78	38601	0.786	ug/L	100
35) Methylcyclohexane	6.750	83	2299	0.108	ug/L #	87
42) Toluene	7.962	91	294592	5.523	ug/L	99
53) m,p-Xylene	9.688	106	128973	5.770	ug/L	95
54) o-Xylene	10.094	106	15274	0.692	ug/L	99
60) Isopropylbenzene	10.476	105	130567	2.157	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	95044	1.929	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	302943	6.220	ug/L	99

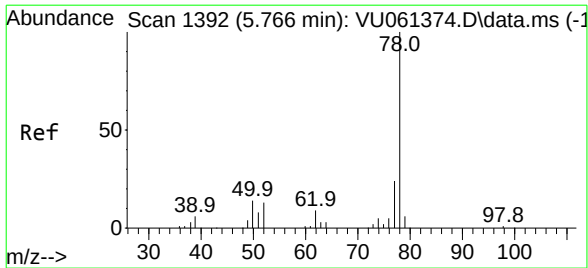
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 0.786 ug/L

RT: 5.769 min Scan# 13

Delta R.T. 0.003 min

Lab File: VU061376.D

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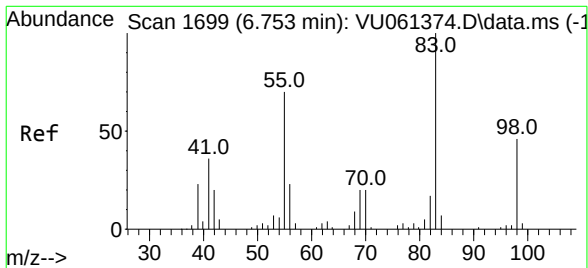
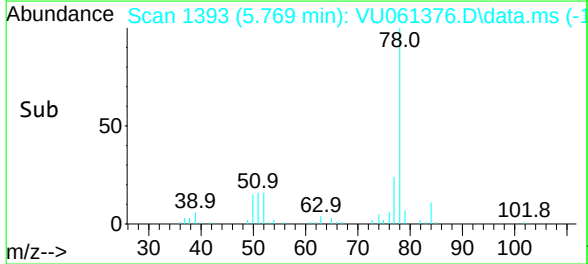
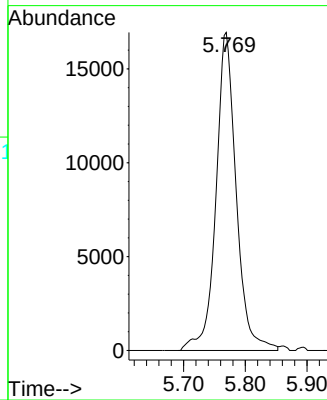
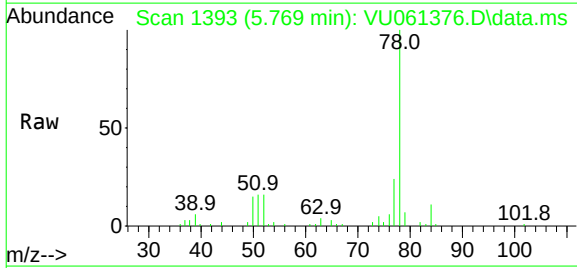
Instrument :

MSVOA_U

ClientSampleId :

C0AB6

Tgt Ion: 78 Resp: 38601



#35

Methylcyclohexane

Concen: 0.108 ug/L

RT: 6.750 min Scan# 1698

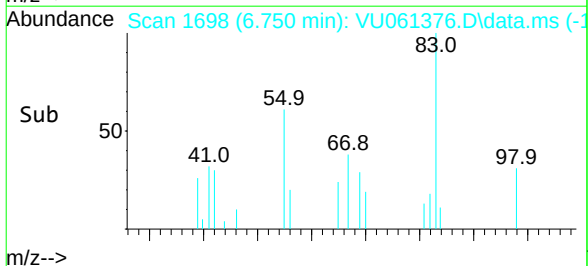
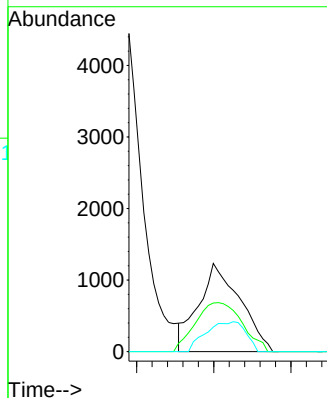
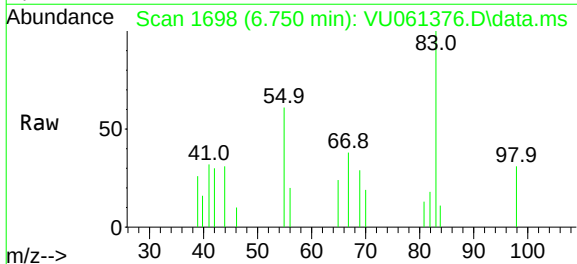
Delta R.T. -0.003 min

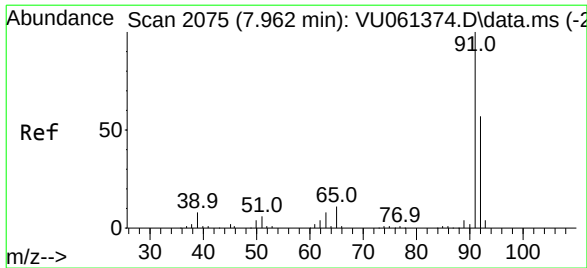
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Tgt Ion: 83 Resp: 2299

Ion	Ratio	Lower	Upper
83	100		
55	62.5	55.9	83.9
98	32.4	35.9	53.9





#42

Toluene

Concen: 5.523 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061376.D

Acq: 01 Nov 2024 21:35

Instrument :

MSVOA_U

ClientSampleId :

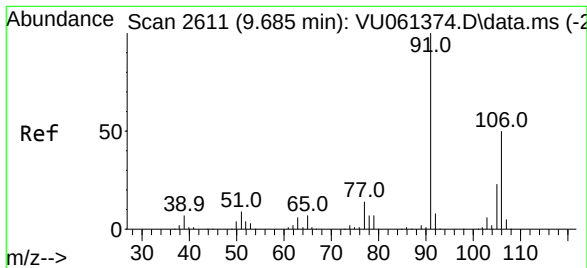
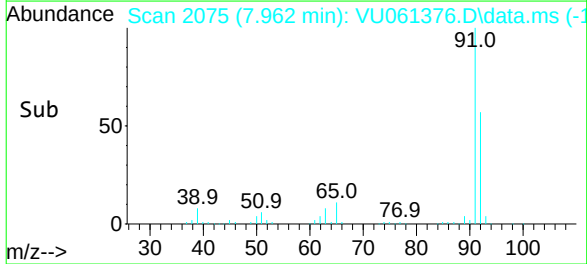
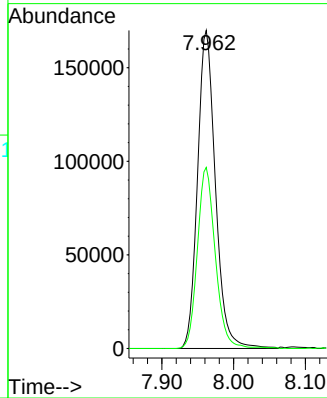
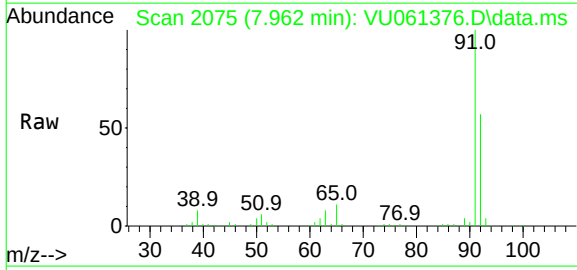
C0AB6

Tgt Ion: 91 Resp: 294592

Ion Ratio Lower Upper

91 100

92 56.9 40.3 74.8



#53

m,p-Xylene

Concen: 5.770 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU061376.D

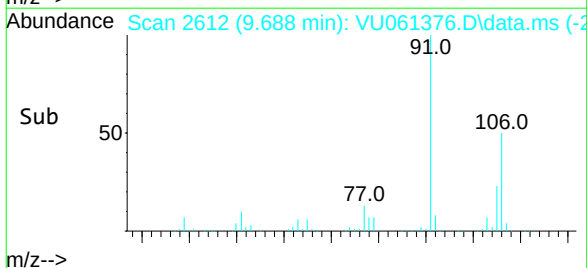
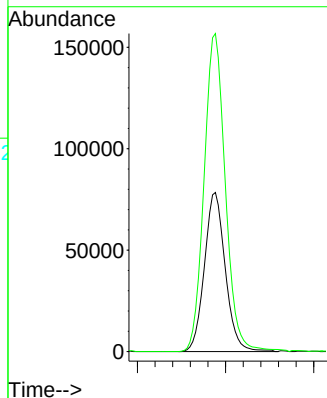
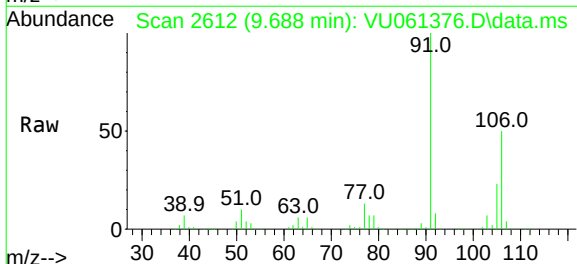
Acq: 01 Nov 2024 21:35

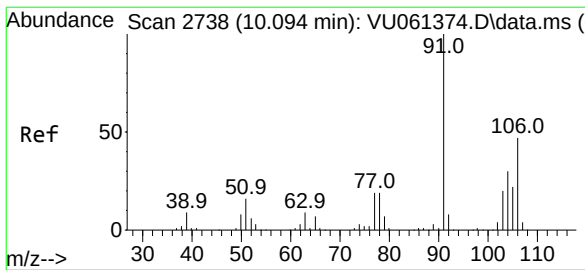
Tgt Ion: 106 Resp: 128973

Ion Ratio Lower Upper

106 100

91 199.9 145.7 270.7





#54

o-Xylene

Concen: 0.692 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU061376.D

Acq: 01 Nov 2024 21:35

Instrument :

MSVOA_U

ClientSampleId :

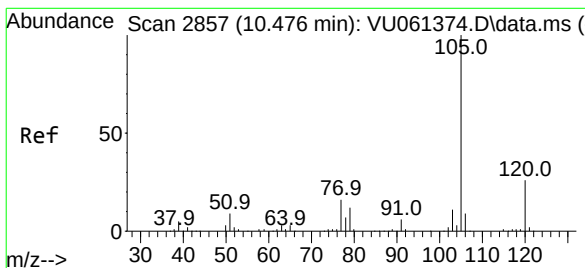
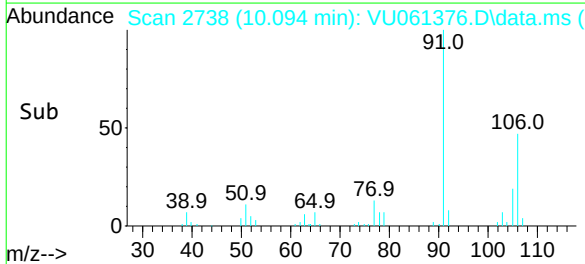
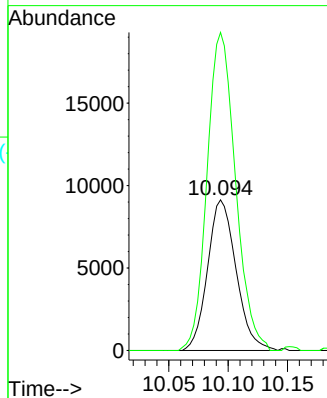
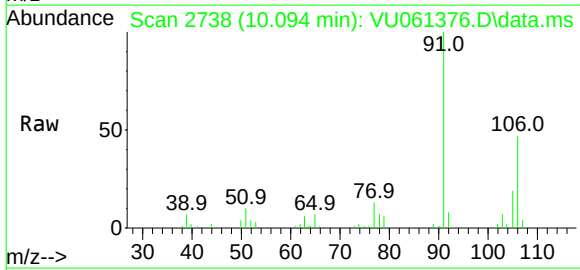
C0AB6

Tgt Ion:106 Resp: 15274

Ion Ratio Lower Upper

106 100

91 211.2 148.8 276.4



#60

Isopropylbenzene

Concen: 2.157 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061376.D

Acq: 01 Nov 2024 21:35

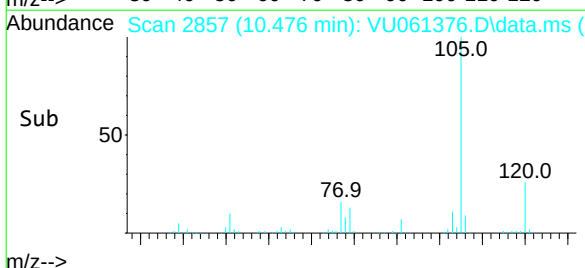
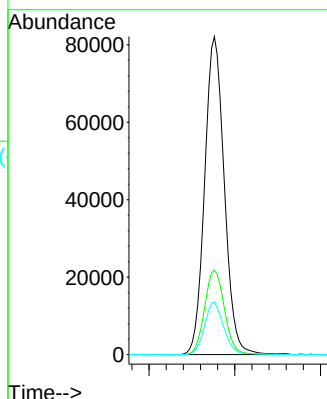
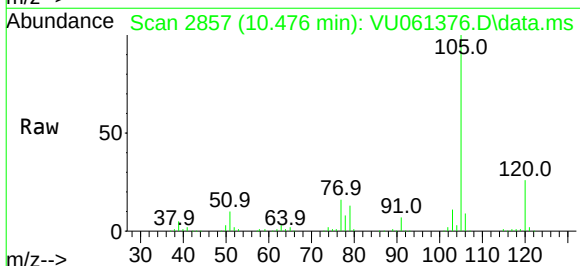
Tgt Ion:105 Resp: 130567

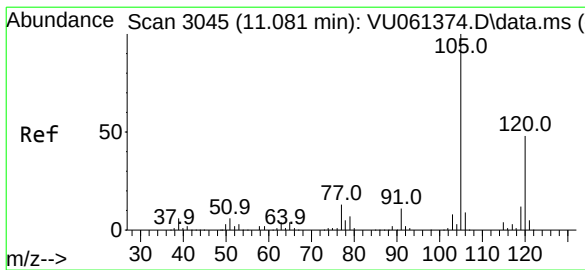
Ion Ratio Lower Upper

105 100

120 26.9 21.2 31.8

77 16.2 12.6 19.0

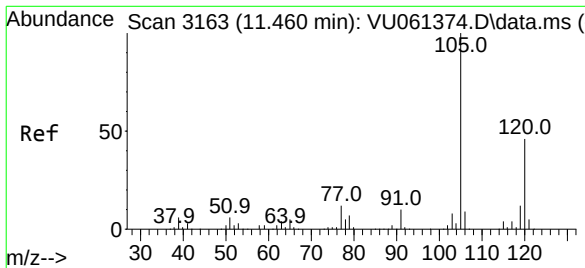
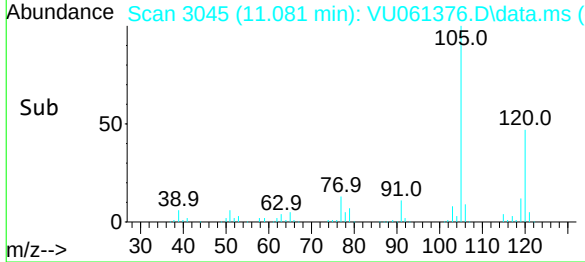
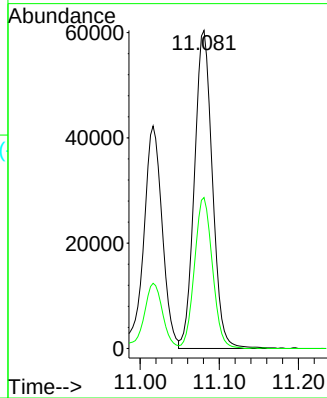
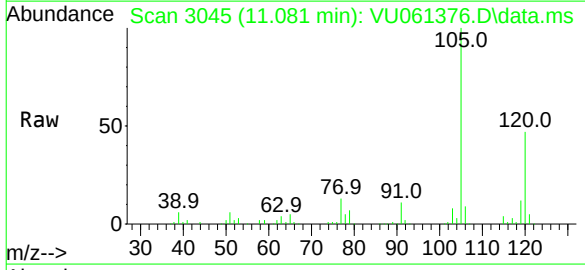




#62
1,3,5-Trimethylbenzene
Concen: 1.929 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061376.D
Acq: 01 Nov 2024 21:35

Instrument :
MSVOA_U
ClientSampleId :
C0AB6

Tgt Ion:105 Resp: 95044
Ion Ratio Lower Upper
105 100
120 47.5 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 6.220 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061376.D
Acq: 01 Nov 2024 21:35

Tgt Ion:105 Resp: 302943
Ion Ratio Lower Upper
105 100
120 45.0 35.4 53.0

