

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110624\
 Data File : VU061507.D
 Acq On : 06 Nov 2024 17:22
 Operator : MD/SY
 Sample : P4714-03DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF5DL

Quant Time: Nov 07 00:54:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 07 00:10:32 2024
 Response via : Initial Calibration

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

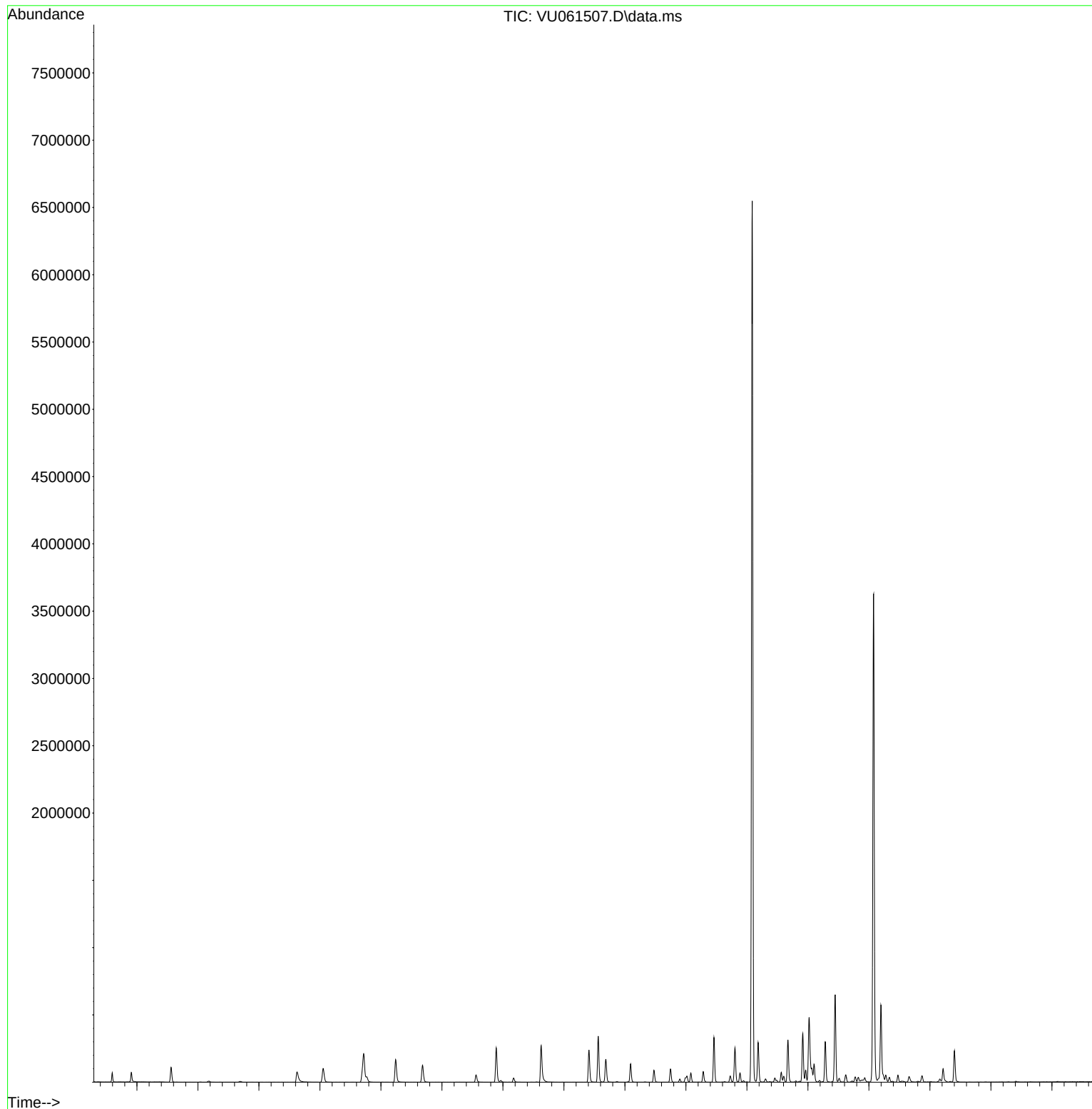
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	145709	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137115	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	66938	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45485	4.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.907	69	49723	5.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.600%
11) 1,1-Dichloroethene-d2	2.560	65	20633	4.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.624	46	110484	54.978	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.960%
24) Chloroform-d	5.052	84	97362	5.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.692	65	52464	5.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	5.718	84	203887	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.682	67	61700	5.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.891	98	177189	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.174	79	18671	3.938	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.627	63	98184	50.559	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48494	5.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	67927	5.731	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
33) Benzene	5.769	78	38703	0.913	ug/L	100
52) Ethylbenzene	9.563	91	247011	4.876	ug/L	99
53) m,p-Xylene	9.688	106	52266	2.708	ug/L	98
54) o-Xylene	10.094	106	37691	1.979	ug/L	99
60) Isopropylbenzene	10.476	105	58288	1.140	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	38433	0.923	ug/L	96
63) 1,2,4-Trimethylbenzene	11.460	105	185838	4.516	ug/L	100

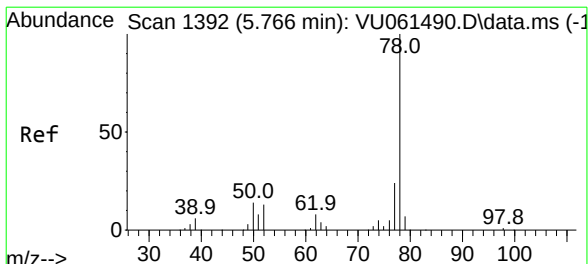
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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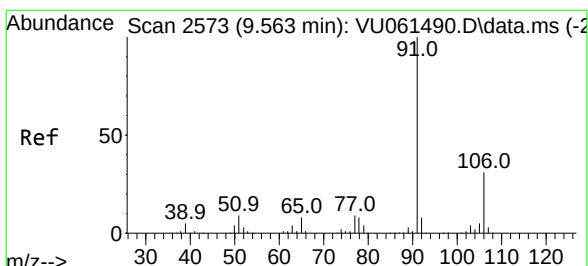
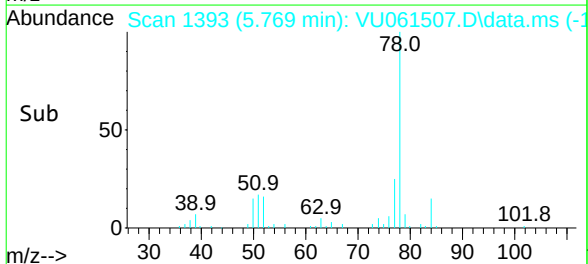
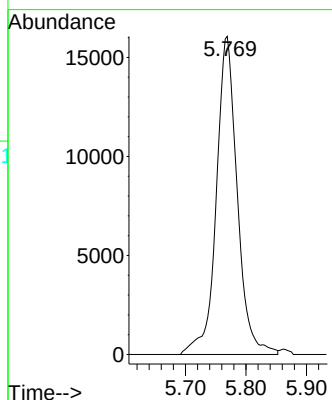
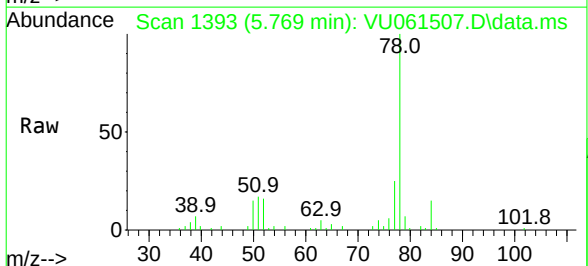




#33
Benzene
Concen: 0.913 ug/L
RT: 5.769 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

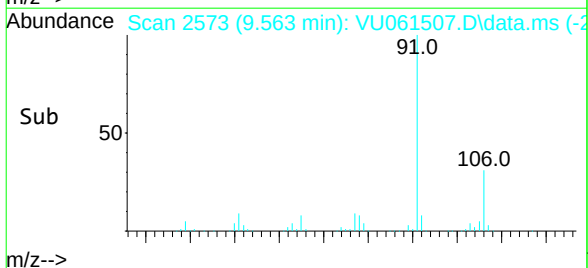
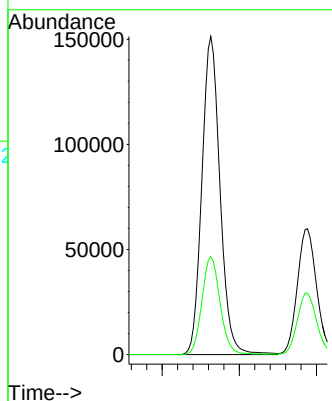
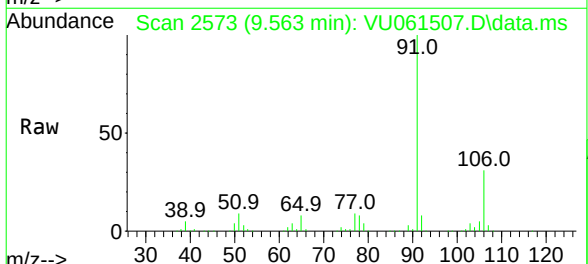
Instrument : MSVOA_U
ClientSampleId : C0AF5DL

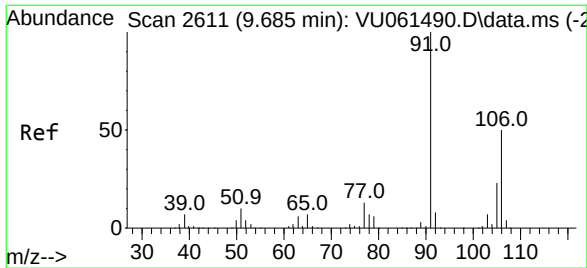
Tgt Ion: 78 Resp: 38703



#52
Ethylbenzene
Concen: 4.876 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061507.D
Acq: 06 Nov 2024 17:22

Tgt Ion: 91 Resp: 247011
Ion Ratio Lower Upper
91 100
106 30.8 22.0 41.0





#53

m,p-Xylene

Concen: 2.708 ug/L

RT: 9.688 min Scan# 2611

Delta R.T. 0.003 min

Lab File: VU061507.D

Acq: 06 Nov 2024 17:22

Instrument :

MSVOA_U

ClientSampleId :

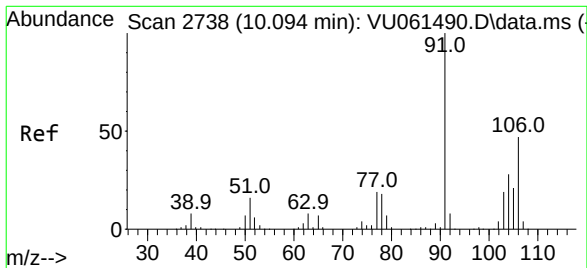
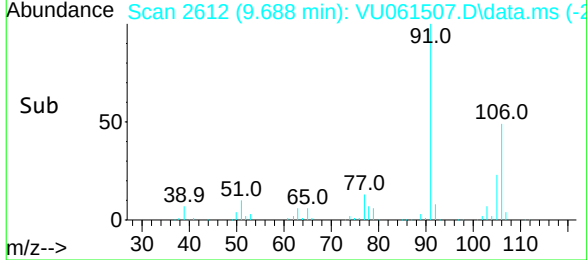
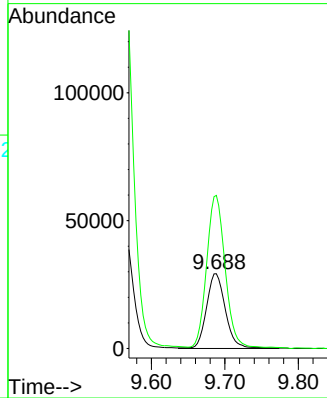
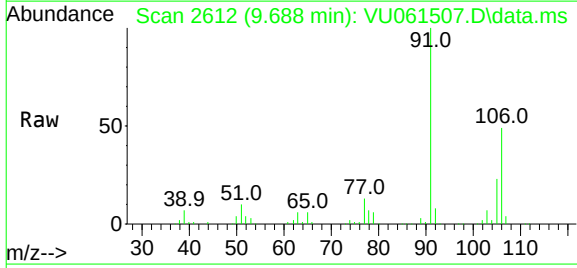
C0AF5DL

Tgt Ion:106 Resp: 52266

Ion Ratio Lower Upper

106 100

91 204.8 145.7 270.7



#54

o-Xylene

Concen: 1.979 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU061507.D

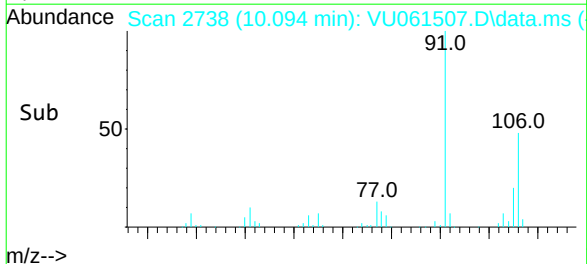
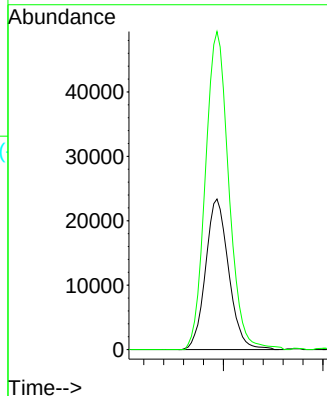
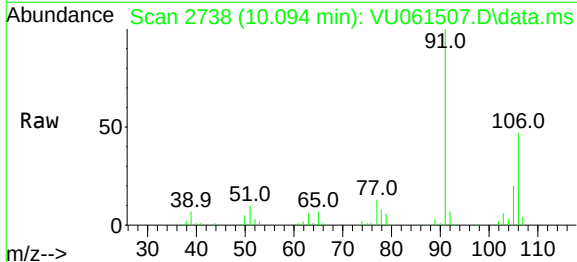
Acq: 06 Nov 2024 17:22

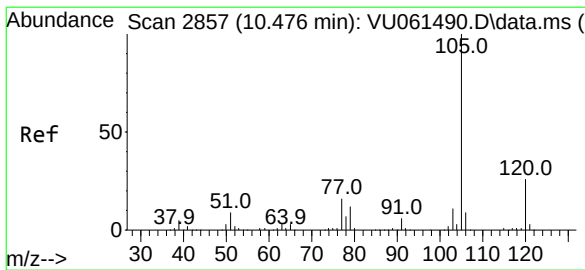
Tgt Ion:106 Resp: 37691

Ion Ratio Lower Upper

106 100

91 211.2 148.8 276.4





#60

Isopropylbenzene

Concen: 1.140 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061507.D

Acq: 06 Nov 2024 17:22

Instrument :

MSVOA_U

ClientSampleId :

C0AF5DL

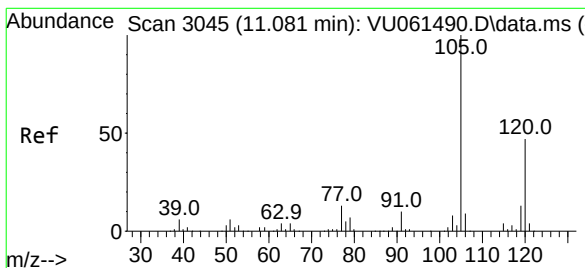
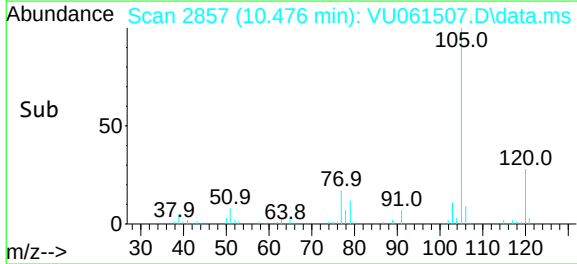
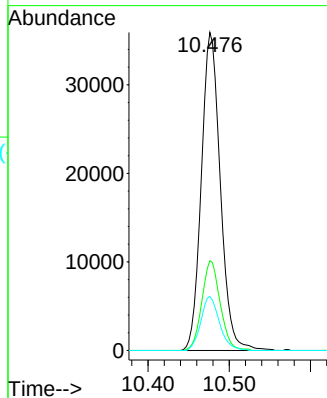
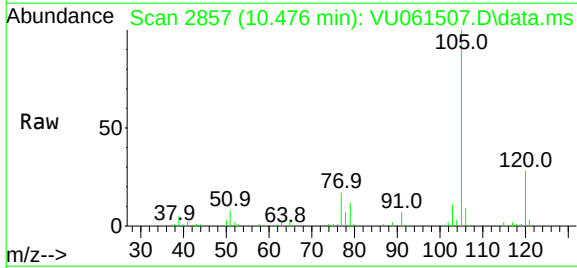
Tgt Ion:105 Resp: 58288

Ion Ratio Lower Upper

105 100

120 27.3 21.2 31.8

77 16.6 12.6 19.0



#62

1,3,5-Trimethylbenzene

Concen: 0.923 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061507.D

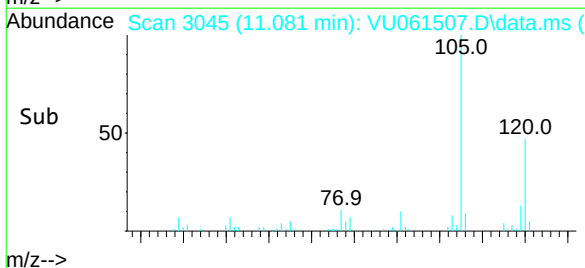
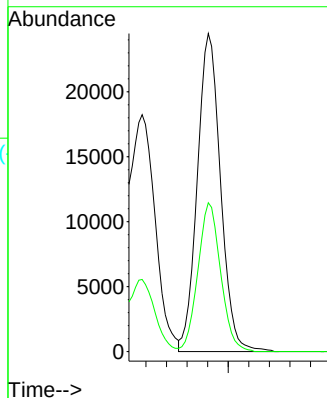
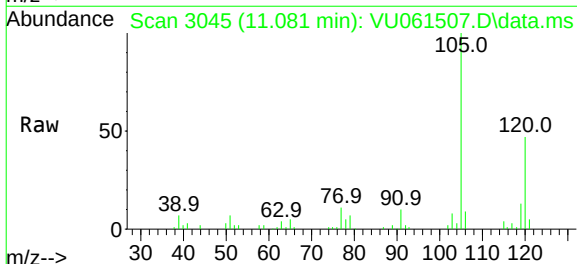
Acq: 06 Nov 2024 17:22

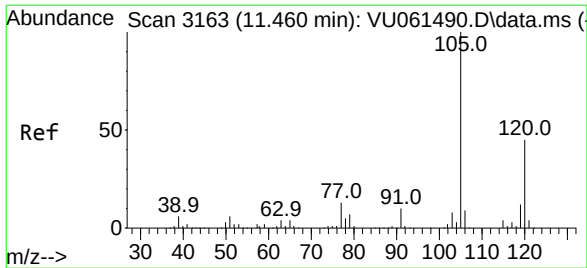
Tgt Ion:105 Resp: 38433

Ion Ratio Lower Upper

105 100

120 45.8 38.7 58.1





#63
 1,2,4-Trimethylbenzene
 Concen: 4.516 ug/L
 RT: 11.460 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU061507.D
 Acq: 06 Nov 2024 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF5DL

Tgt Ion:105 Resp: 185838
 Ion Ratio Lower Upper
 105 100
 120 43.9 35.4 53.0

