Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
Data File : VU062139.D
Acq On : 06 Dec 2024 17:18
Operator : MD/SY
Sample : P5107-01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHJ78

Quant Time: Dec 06 23:16:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 06 02:27:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	102008	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	98404	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	17223	3.442	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.800%			
7) Chloroethane-d5	1.907	69	14890	3.364	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.200%			
11) 1,1-Dichloroethene-d2	2.560	65	7793	3.898	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.000%			
20) 2-Butanone-d5	4.624	46	61663	39.244	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.480%			
24) Chloroform-d	5.052	84	53520	4.384	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.600%			
26) 1,2-Dichloroethane-d4	5.692	65	28837	4.590	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
32) Benzene-d6	5.717	84	84781	4.422	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
36) 1,2-Dichloropropane-d6	6.682	67	29865	4.584	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.600%			
41) Toluene-d8	7.891	98	72477	4.532	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.600%			
43) trans-1,3-Dichloroprop...	8.174	79	11339	4.702	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.000%			
46) 2-Hexanone-d5	8.627	63	41518	37.716	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 75.440%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26352	4.048	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	33882	5.001	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.000%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.656	96	2285	0.281	ug/L	87
35) Methylcyclohexane	6.750	83	954	0.079	ug/L #	80
42) Toluene	7.968	91	3592	0.115	ug/L	98
53) m,p-Xylene	9.692	106	1309	0.099	ug/L	65
60) Isopropylbenzene	10.483	105	2637	0.074	ug/L #	92
62) 1,3,5-Trimethylbenzene	11.084	105	2026	0.071	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	1901	0.067	ug/L	93

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

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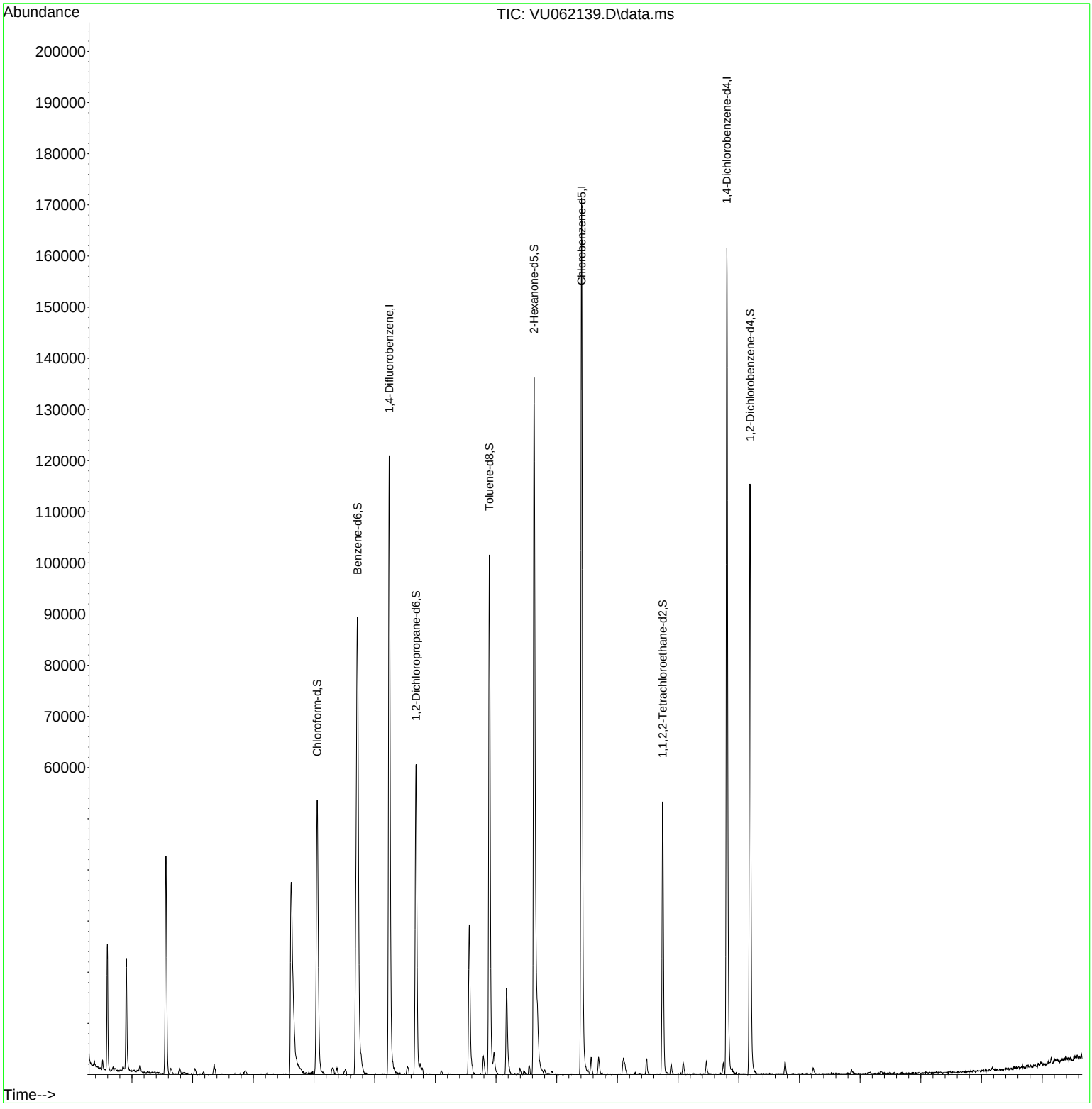
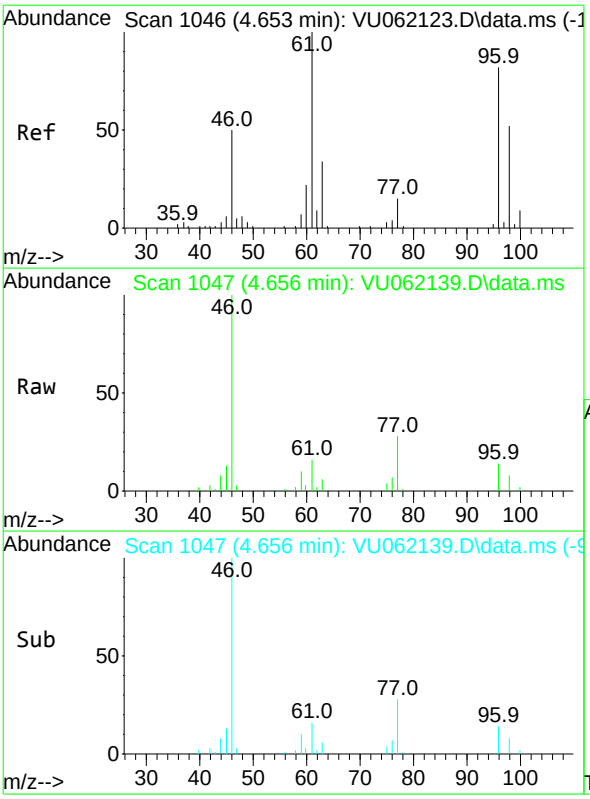


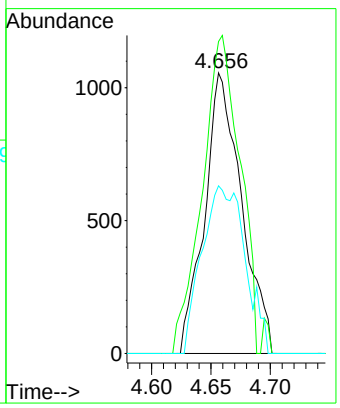


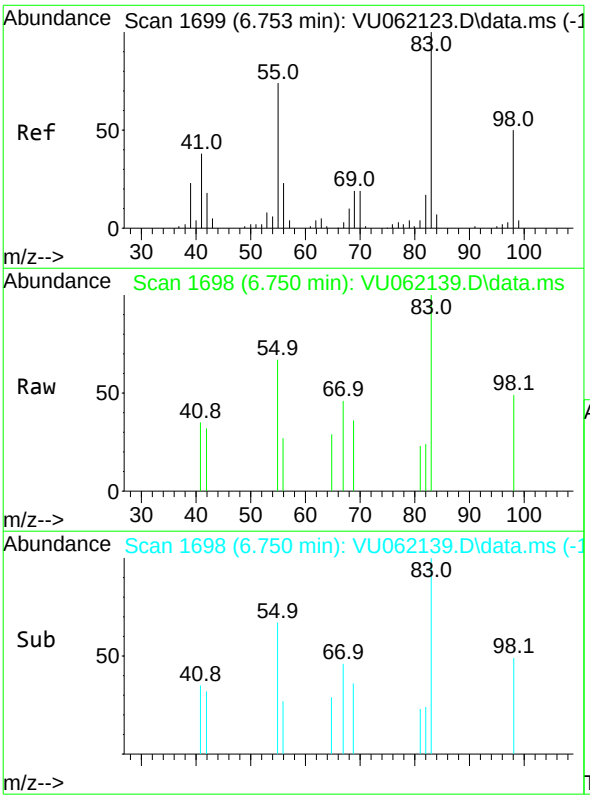
#22
cis-1,2-Dichloroethene
Concen: 0.281 ug/L
RT: 4.656 min Scan# 10
Delta R.T. -0.000 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

Instrument :
MSVOA_U
ClientSampleId :
BHJ78

Tgt Ion: 96 Resp: 2285

Ion	Ratio	Lower	Upper
96	100		
61	111.2	92.0	170.8
98	59.8	44.5	82.7

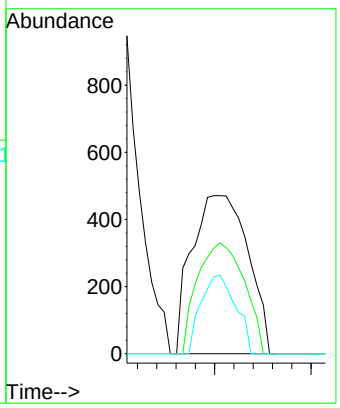


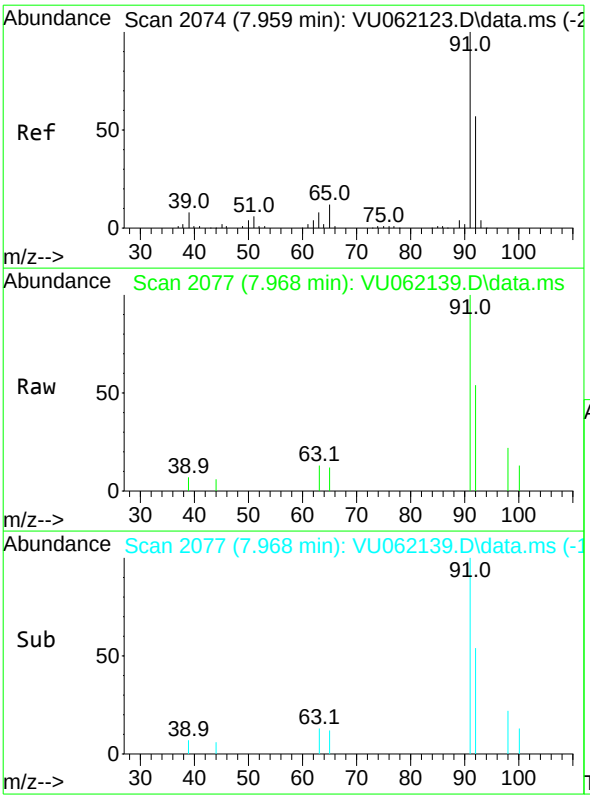


#35
Methylcyclohexane
Concen: 0.079 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

Tgt Ion: 83 Resp: 954

Ion	Ratio	Lower	Upper
83	100		
55	58.3	60.7	91.1#
98	30.6	34.8	52.2#



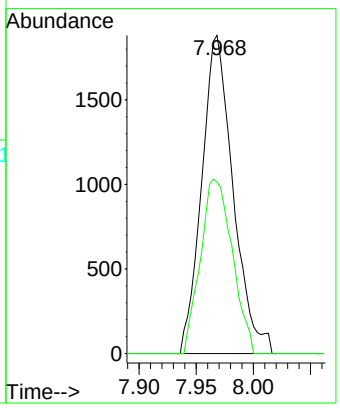


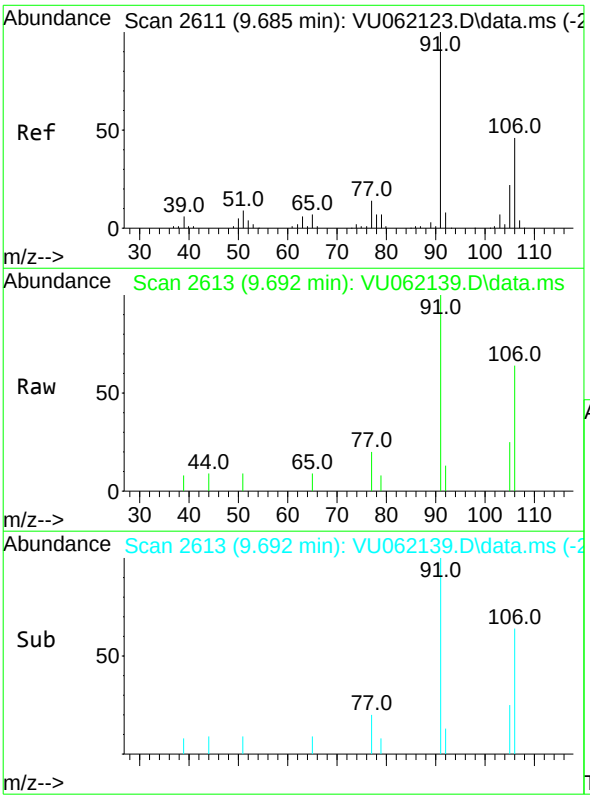
#42
Toluene
Concen: 0.115 ug/L
RT: 7.968 min Scan# 20
Delta R.T. 0.006 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

Instrument :
MSVOA_U
ClientSampleId :
BHJ78

Tgt Ion: 91 Resp: 3592

Ion	Ratio	Lower	Upper
91	100		
92	53.9	39.0	72.4

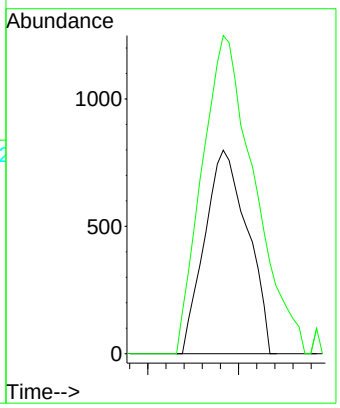


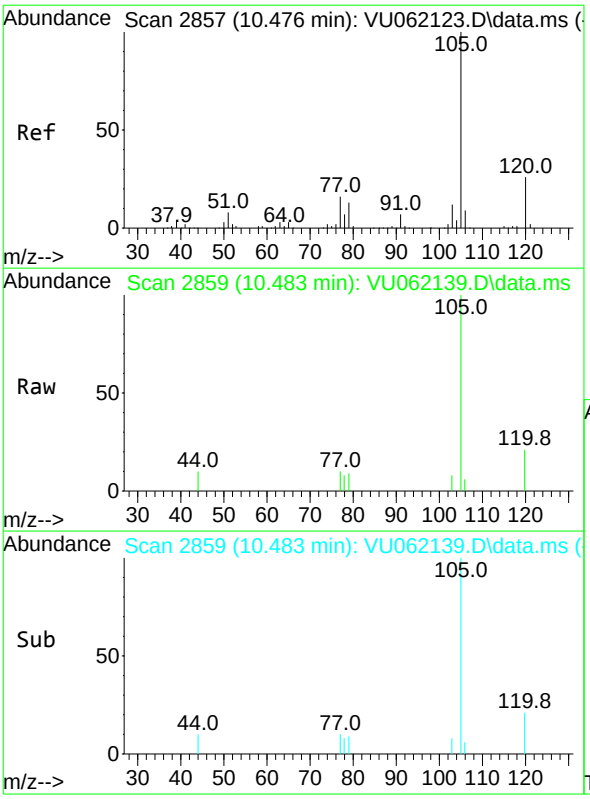


#53
m,p-Xylene
Concen: 0.099 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

Tgt Ion:106 Resp: 1309

Ion	Ratio	Lower	Upper
106	100		
91	156.3	147.6	274.0



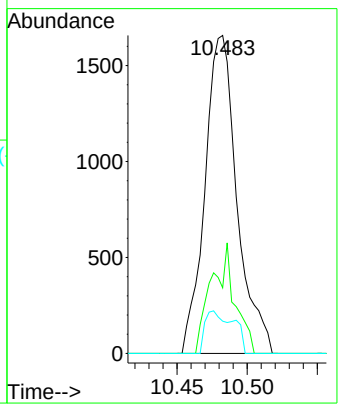


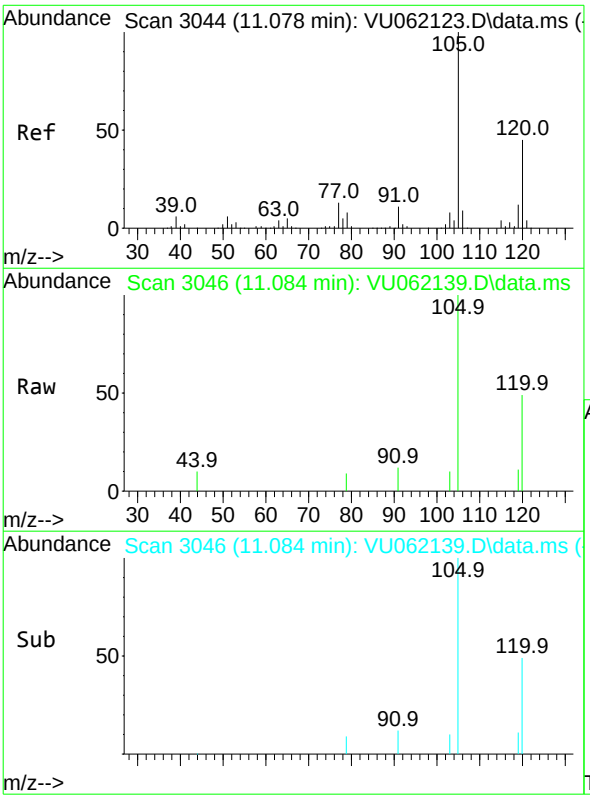
#60
Isopropylbenzene
Concen: 0.074 ug/L
RT: 10.483 min Scan# 28
Delta R.T. 0.006 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

Instrument :
MSVOA_U
ClientSampleId :
BHJ78

Tgt Ion:105 Resp: 2637

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.6	31.0
77	8.2	13.0	19.6#

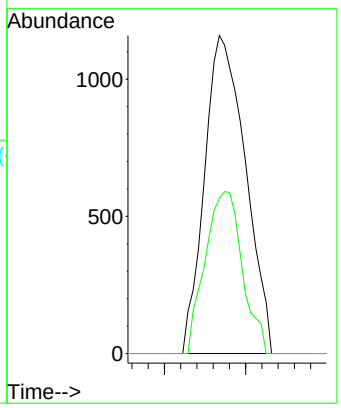


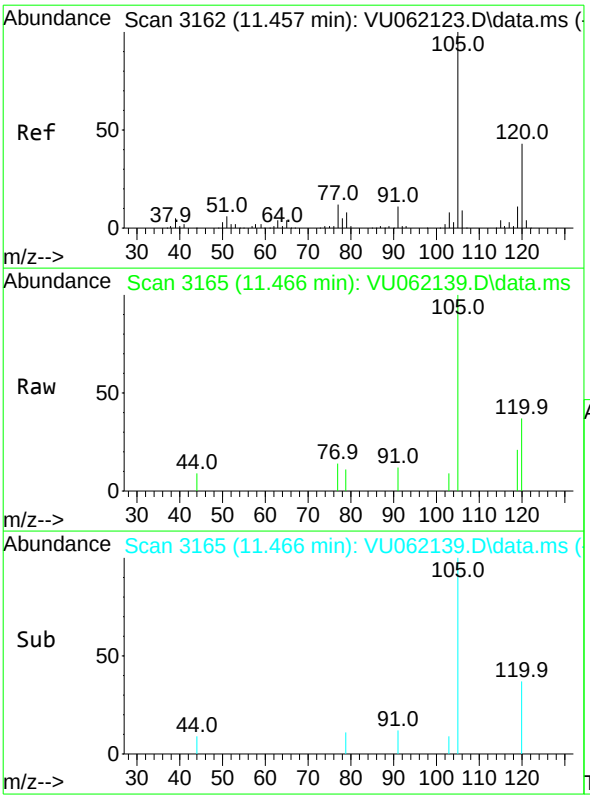


#62
1,3,5-Trimethylbenzene
Concen: 0.071 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

Tgt Ion:105 Resp: 2026

Ion	Ratio	Lower	Upper
105	100		
120	46.2	36.7	55.1





#63
1,2,4-Trimethylbenzene
Concen: 0.067 ug/L
RT: 11.466 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

Instrument :
MSVOA_U
ClientSampleId :
BHJ78

Tgt Ion:105 Resp: 1901

Ion	Ratio	Lower	Upper
105	100		
120	39.2	34.7	52.1