Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049337.D
Acq On : 21 Jun 2022 19:29
Operator : SY/MD
Sample : N3400-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 22 01:51:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 22 01:47:02 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0AE5

Manual Integrations APPROVED
Reviewed By :Krupa Patel 06/22/2022
Supervised By :Mahesh Dadoda 06/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	142177	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	131729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66746	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.588	65	39653	3.192	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.800%			
7) Chloroethane-d5	1.906	69	32844	3.905	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.200%			
11) 1,1-Dichloroethene-d2	2.559	65	16679	3.338	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.800%			
20) 2-Butanone-d5	4.694	46	147678	44.520	ug/L	0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.040%			
24) Chloroform-d	5.060	84	76920	3.946	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.000%			
26) 1,2-Dichloroethane-d4	5.703	65	44692	4.180	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.600%			
32) Benzene-d6	5.719	84	153262	3.862	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.200%			
36) 1,2-Dichloropropane-d6	6.694	67	54871	4.074	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.400%			
41) Toluene-d8	7.896	98	127219	3.560	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.200%			
43) trans-1,3-Dichloroprop...	8.179	79	18898	3.158	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 63.200%			
46) 2-Hexanone-d5	8.645	63	109267	45.268	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.540%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46939	4.353	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	54145	4.227	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.600%			
Target Compounds						Qvalue
8) Chloroethane	1.929	64	6260	0.905	ug/L #	72
14) Carbon disulfide	2.781	76	4605	0.174	ug/L #	80
19) 1,1-Dichloroethane	3.864	63	2273	0.130	ug/L	91
30) Cyclohexane	5.369	56	56763	3.172	ug/L	97
33) Benzene	5.768	78	23939	0.611	ug/L	100
35) Methylcyclohexane	6.752	83	100733	5.995	ug/L	94
42) Toluene	7.967	91	9340	0.225	ug/L	90
52) Ethylbenzene	9.568	91	174537	3.845	ug/L	100
53) m,p-Xylene	9.690	106	469536	27.832	ug/L	100
54) o-Xylene	10.099	106	12790	0.765	ug/L	91
60) Isopropylbenzene	10.481	105	263703	5.800	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	19322m	0.482	ug/L	
63) 1,2,4-Trimethylbenzene	11.465	105	1039076	26.136	ug/L	99

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

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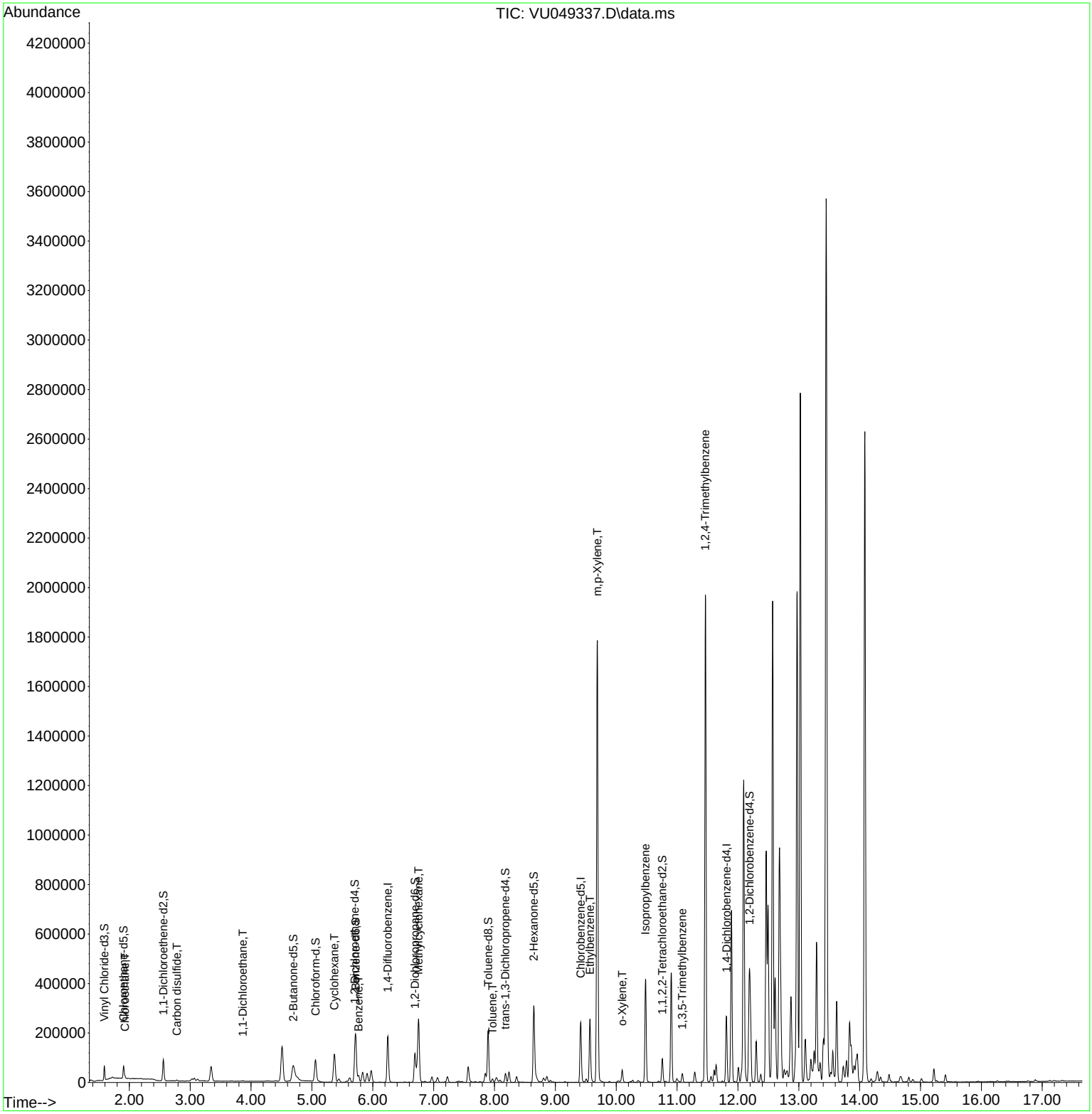

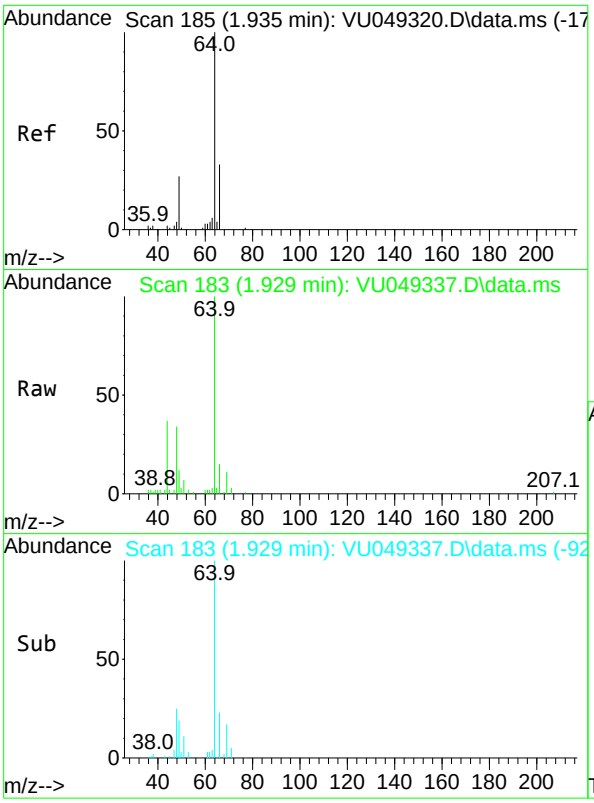

#8
Chloroethane
Concen: 0.905 ug/L
RT: 1.929 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU049337.D
Acq: 21 Jun 2022 19:29

Tgt Ion: 64 Resp: 626

Ion	Ratio	Lower	Upper
64	100		
66	14.7	20.9	38.9#

Instrument :
MSVOA_U
ClientSampleId :
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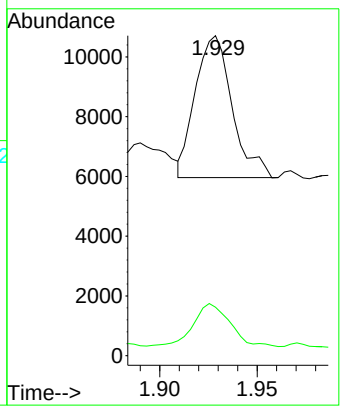
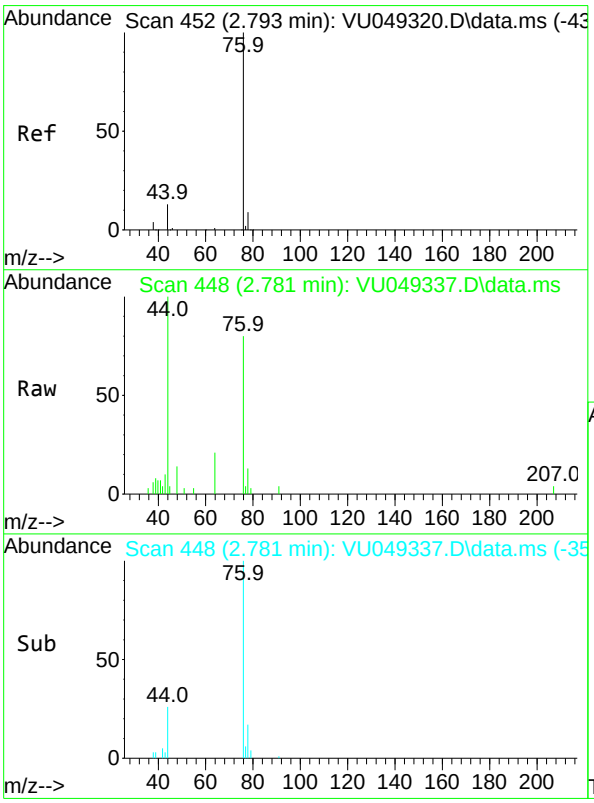
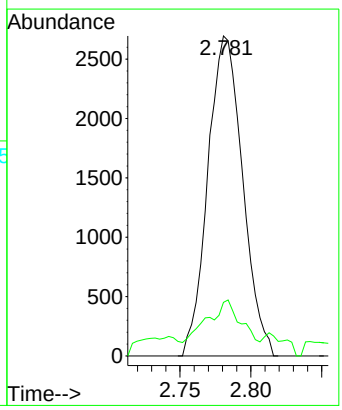


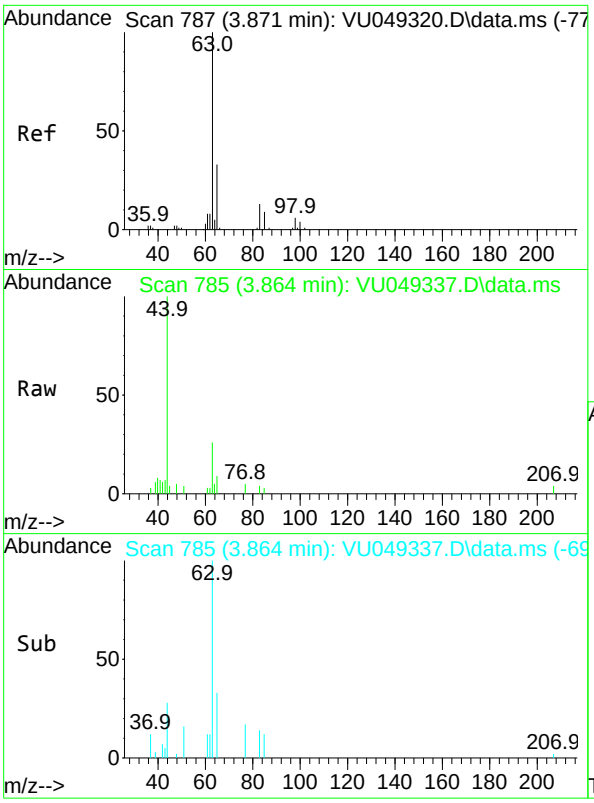


#14
Carbon disulfide
Concen: 0.174 ug/L
RT: 2.781 min Scan# 448
Delta R.T. -0.013 min
Lab File: VU049337.D
Acq: 21 Jun 2022 19:29

Tgt Ion: 76 Resp: 4605

Ion	Ratio	Lower	Upper
76	100		
78	16.7	7.5	11.3#

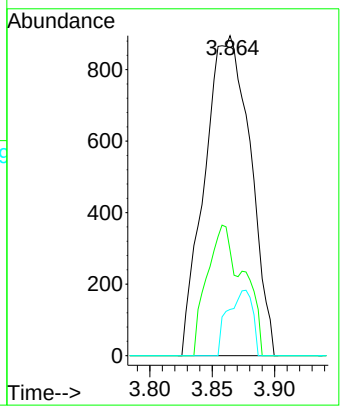




#19
1,1-Dichloroethane
Concen: 0.130 ug/L
RT: 3.864 min Scan# 7
Delta R.T. -0.006 min
Lab File: VU049337.D
Acq: 21 Jun 2022 19:29

Tgt Ion: 63 Resp: 227

Ion	Ratio	Lower	Upper
63	100		
65	27.8	24.0	44.6
83	12.2	9.1	16.9



Instrument :
MSVOA_U
ClientSampleId :
C0AE5

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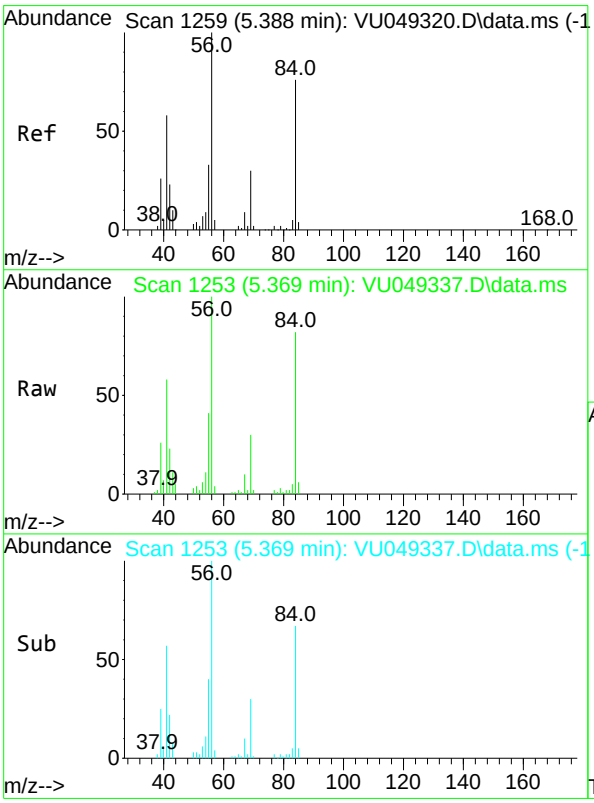
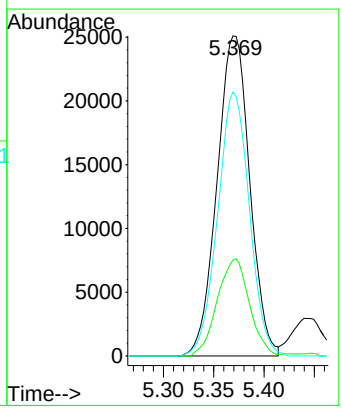
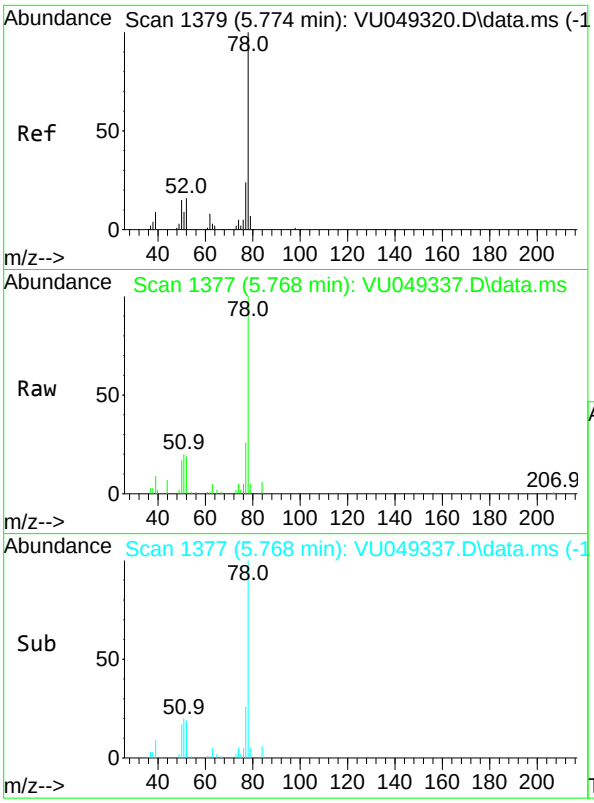


#30
Cyclohexane
Concen: 3.172 ug/L
RT: 5.369 min Scan# 1253
Delta R.T. -0.019 min
Lab File: VU049337.D
Acq: 21 Jun 2022 19:29

Tgt Ion: 56 Resp: 56763

Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.8	35.6
84	80.1	61.2	91.8





#33
Benzene
Concen: 0.611 ug/L
RT: 5.768 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU049337.D
Acq: 21 Jun 2022 19:29

Tgt Ion: 78 Resp: 2393

Instrument :
MSVOA_U
ClientSampleId :
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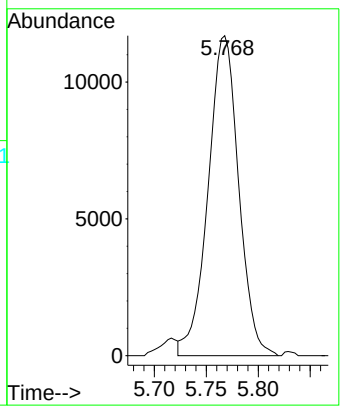
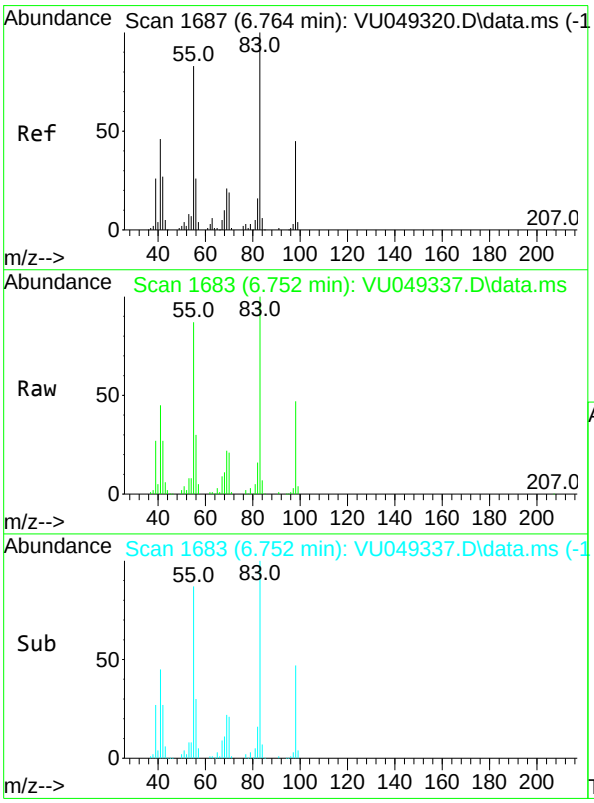
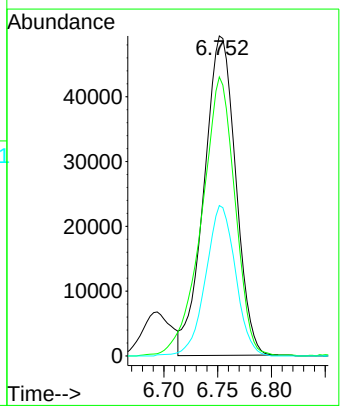


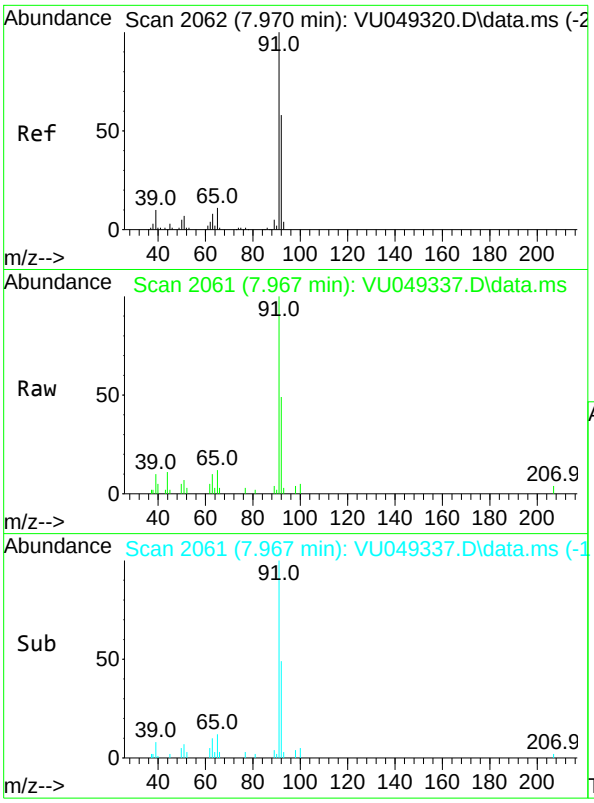


#35
Methylcyclohexane
Concen: 5.995 ug/L
RT: 6.752 min Scan# 1683
Delta R.T. -0.013 min
Lab File: VU049337.D
Acq: 21 Jun 2022 19:29

Tgt Ion: 83 Resp: 100733

Ion	Ratio	Lower	Upper
83	100		
55	92.2	66.9	100.3
98	44.5	35.5	53.3





#42
Toluene
Concen: 0.225 ug/L
RT: 7.967 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU049337.D
Acq: 21 Jun 2022 19:29

Tgt Ion: 91 Resp: 934

Ion	Ratio	Lower	Upper
91	100		
92	49.4	40.0	74.2

Instrument :
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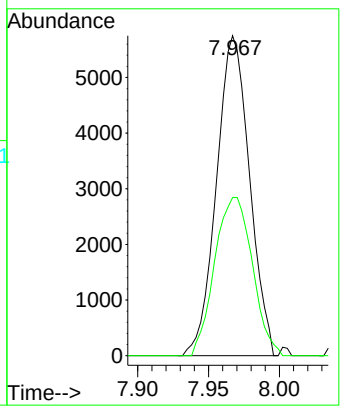
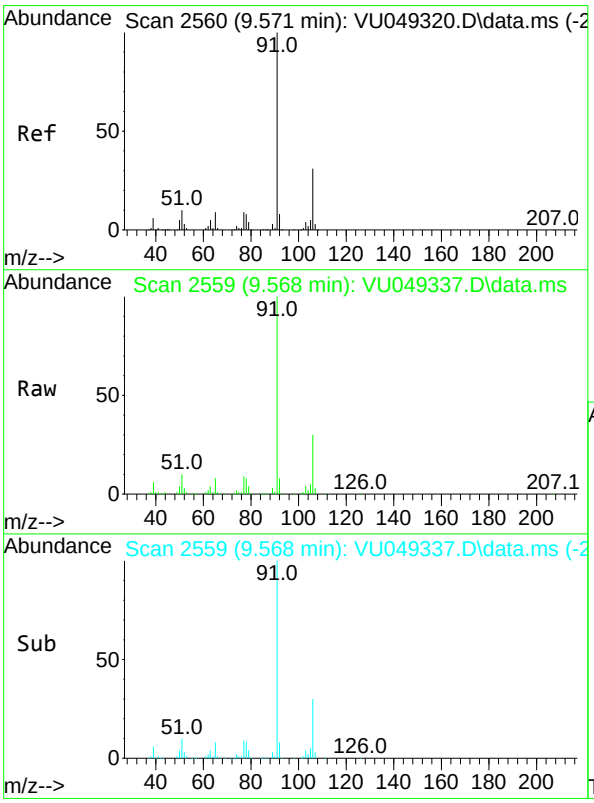
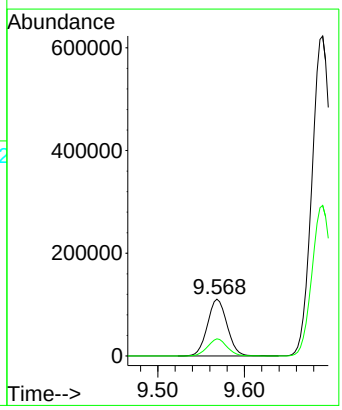


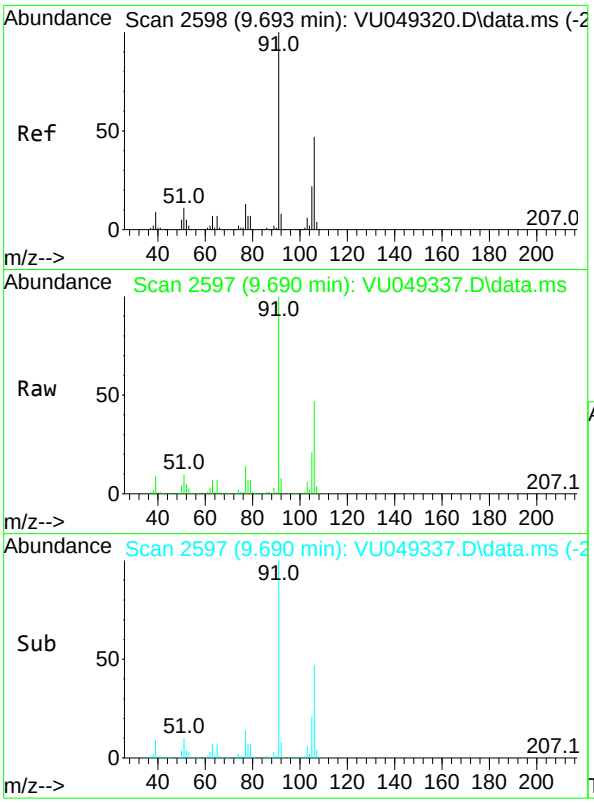


#52
Ethylbenzene
Concen: 3.845 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU049337.D
Acq: 21 Jun 2022 19:29

Tgt Ion: 91 Resp: 174537

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.2	39.4





#53
m,p-Xylene
Concen: 27.832 ug/L
RT: 9.690 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU049337.D
Acq: 21 Jun 2022 19:29

Tgt Ion:106 Resp: 46953

Ion	Ratio	Lower	Upper
106	100		
91	212.6	148.5	275.7

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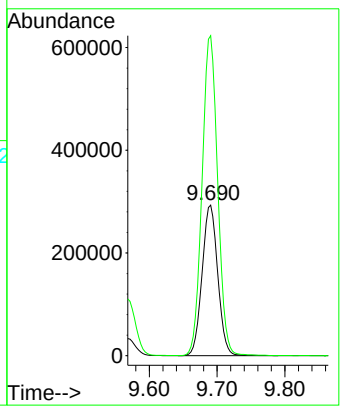
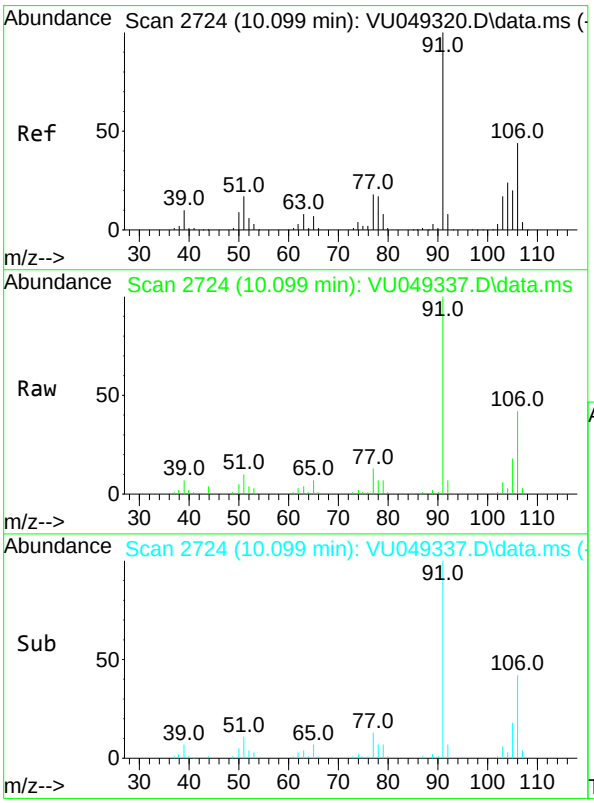
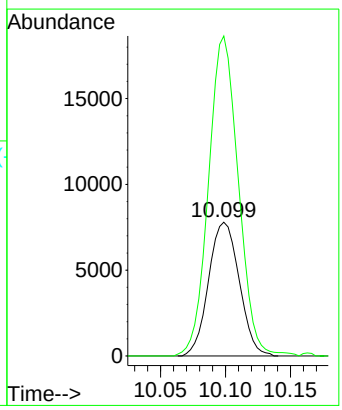


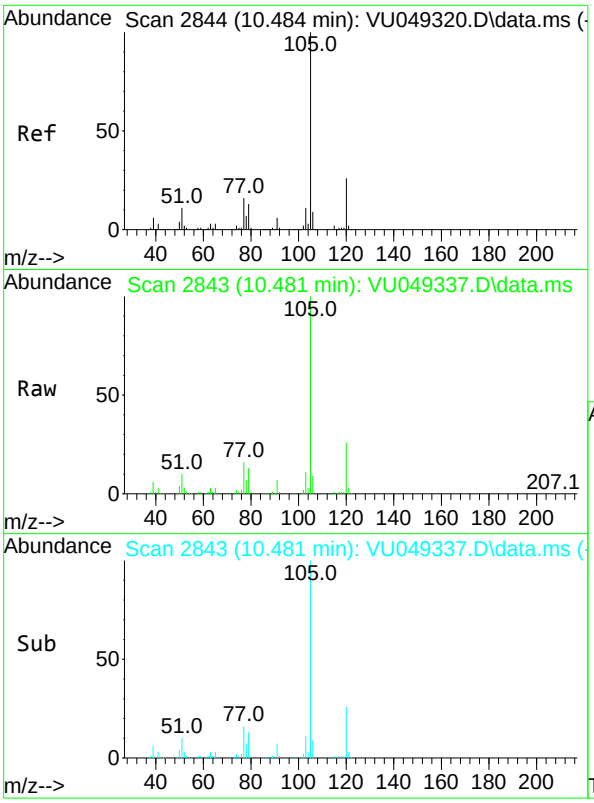


#54
o-Xylene
Concen: 0.765 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU049337.D
Acq: 21 Jun 2022 19:29

Tgt Ion:106 Resp: 12790

Ion	Ratio	Lower	Upper
106	100		
91	239.1	157.5	292.5

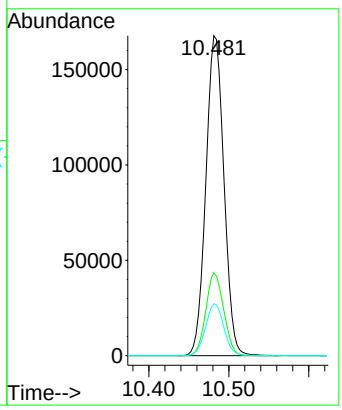




#60
Isopropylbenzene
Concen: 5.800 ug/L
RT: 10.481 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU049337.D
Acq: 21 Jun 2022 19:29

Tgt Ion:105 Resp: 26370

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.3	30.5
77	16.4	13.0	19.6



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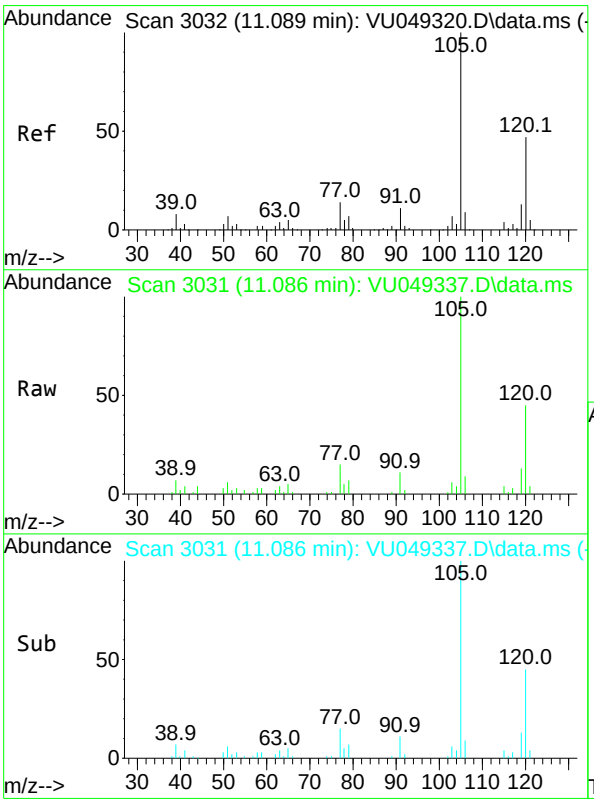
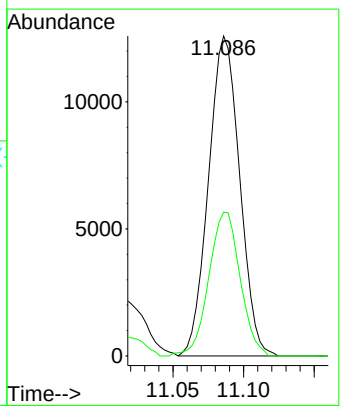
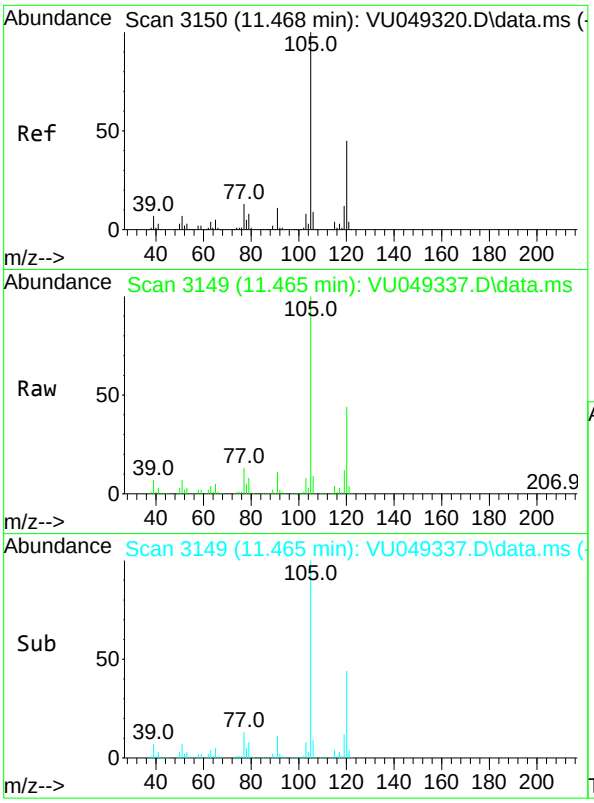


#62
1,3,5-Trimethylbenzene
Concen: 0.482 ug/L m
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049337.D
Acq: 21 Jun 2022 19:29

Tgt Ion:105 Resp: 19322

Ion	Ratio	Lower	Upper
105	100		
120	2371.3	37.8	56.6#

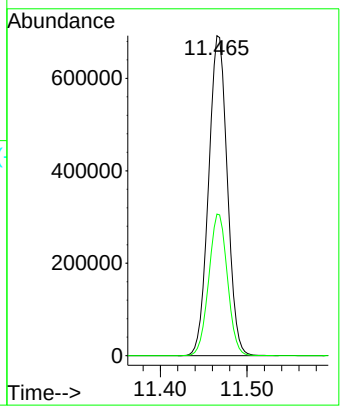




#63
1,2,4-Trimethylbenzene
Concen: 26.136 ug/L
RT: 11.465 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU049337.D
Acq: 21 Jun 2022 19:29

Tgt Ion:105 Resp: 103907

Ion	Ratio	Lower	Upper
105	100		
120	44.1	34.6	52.0



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