Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
Data File : VV027373.D
Acq On : 13 Aug 2022 17:11
Operator : SY/MD
Sample : N4115-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 21:53:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 21:49:38 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F5E02

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
Supervised By :Semsettin Yesilyurt 08/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	150545	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	160718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	50868	3.889	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.800%			
7) Chloroethane-d5	1.561	69	40321	4.245	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.800%			
11) 1,1-Dichloroethene-d2	2.101	63	67739m	2.856	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.200%#			
20) 2-Butanone-d5	3.883	46	193286	87.259	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 174.520%#			
24) Chloroform-d	4.342	84	124988	5.211	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.200%			
26) 1,2-Dichloroethane-d4	5.027	65	64548	5.648	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.000%			
32) Benzene-d6	5.043	84	204355	4.310	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.200%			
36) 1,2-Dichloropropane-d6	6.066	67	76682	5.231	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.600%			
41) Toluene-d8	7.313	98	160369	3.695	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.800%			
43) trans-1,3-Dichloroprop...	7.622	79	22061	4.345	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.800%			
46) 2-Hexanone-d5	8.088	63	146636	74.622	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 149.240%#			
56) 1,1,2,2-Tetrachloroeth...	10.213	84	69820	6.584	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 131.600%#			
66) 1,2-Dichlorobenzene-d4	11.622	152	72371	5.805	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	22906	1.372	ug/L #	80
18) trans-1,2-Dichloroethene	2.757	96	1995	0.150	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	18978	1.447	ug/L	98
33) Benzene	5.098	78	19380	0.353	ug/L	100
51) Chlorobenzene	8.889	112	3335	0.093	ug/L	90
52) Ethylbenzene	9.014	91	5977	0.109	ug/L	94
53) m,p-Xylene	9.140	106	8801	0.419	ug/L	92
54) o-Xylene	9.548	106	2663	0.130	ug/L	88
62) 1,3,5-Trimethylbenzene	10.541	105	1996	0.159	ug/L	88
63) 1,2,4-Trimethylbenzene	10.914	105	5615	0.156	ug/L	96

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 21:49:38 2022
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Instrument :
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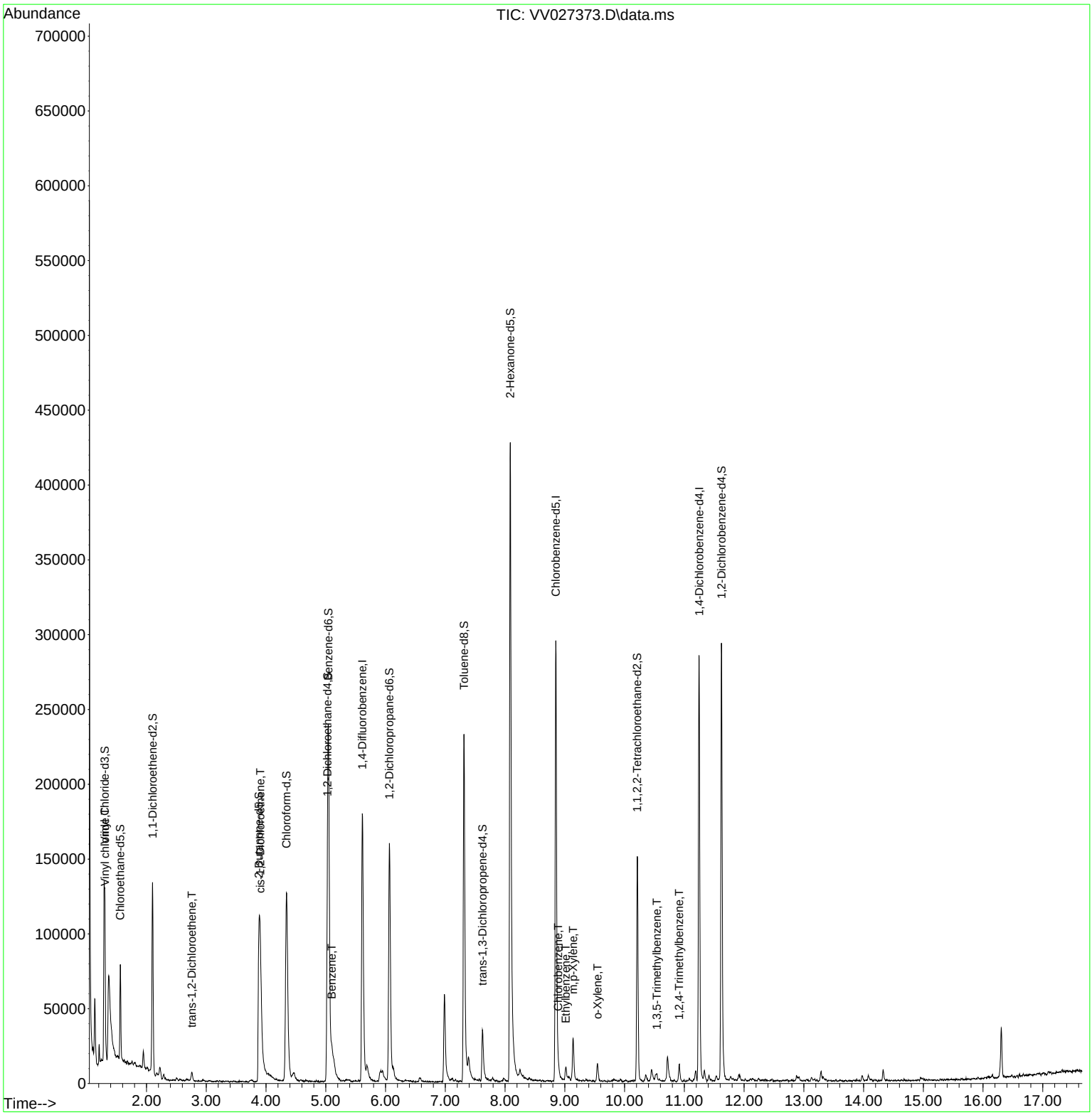

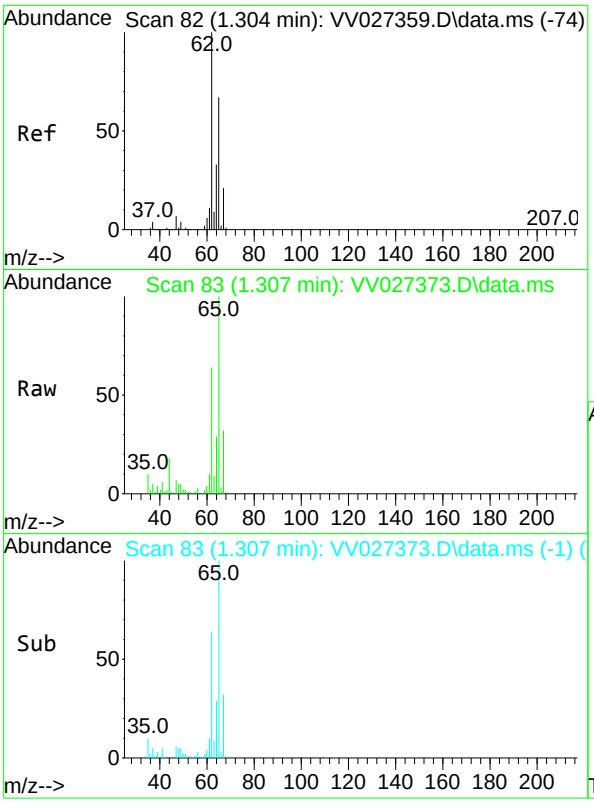

#5
Vinyl chloride
Concen: 1.372 ug/L
RT: 1.307 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV027373.D
Acq: 13 Aug 2022 17:11

Tgt Ion: 62 Resp: 2290

Ion	Ratio	Lower	Upper
62	100		
64	45.2	23.7	44.1#

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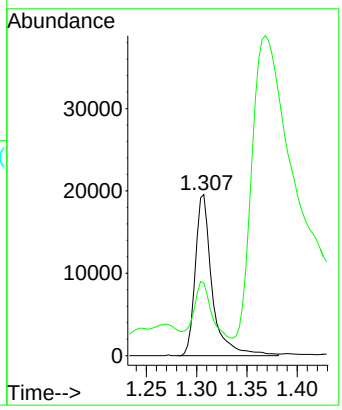
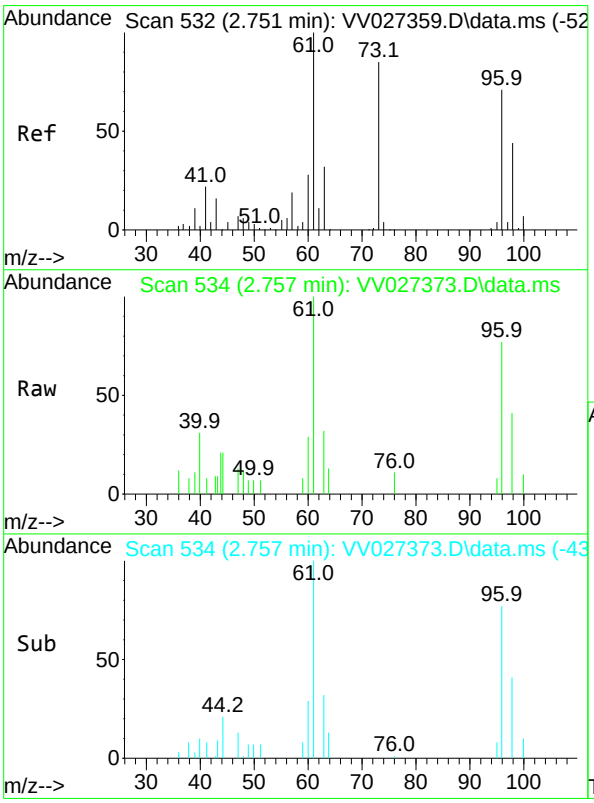
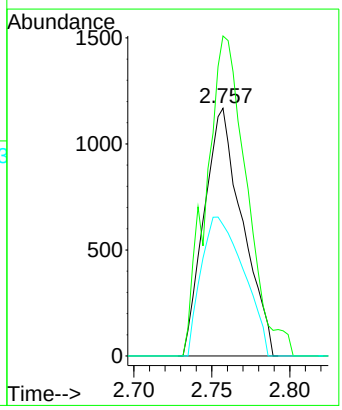


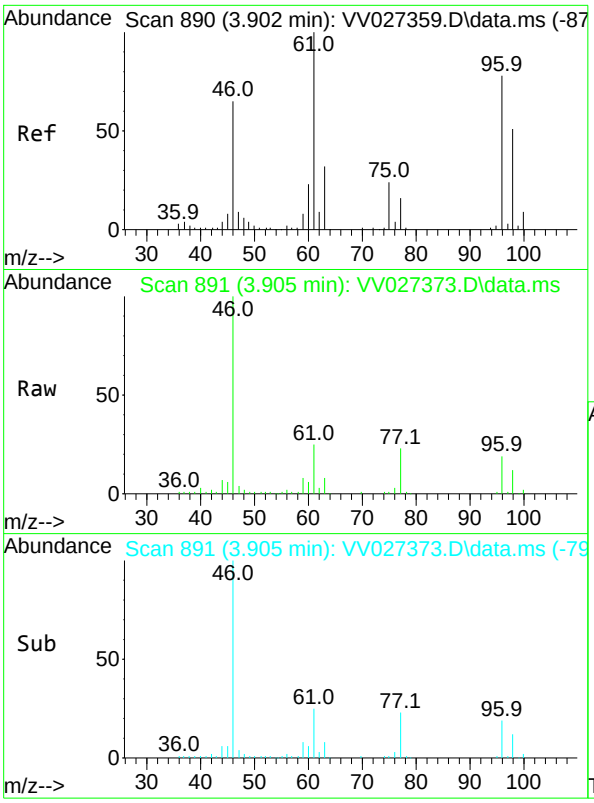


#18
trans-1,2-Dichloroethene
Concen: 0.150 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV027373.D
Acq: 13 Aug 2022 17:11

Tgt Ion: 96 Resp: 1995

Ion	Ratio	Lower	Upper
96	100		
61	129.2	99.6	185.0
98	53.0	45.1	83.7

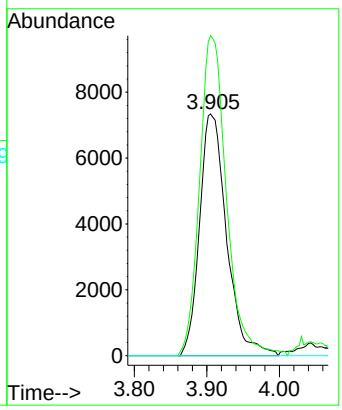




#22
cis-1,2-Dichloroethene
Concen: 1.447 ug/L
RT: 3.905 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV027373.D
Acq: 13 Aug 2022 17:11

Tgt Ion: 96 Resp: 1897

Ion	Ratio	Lower	Upper
96	100		
61	132.3	91.3	169.5
68	0.0	0.0	0.0



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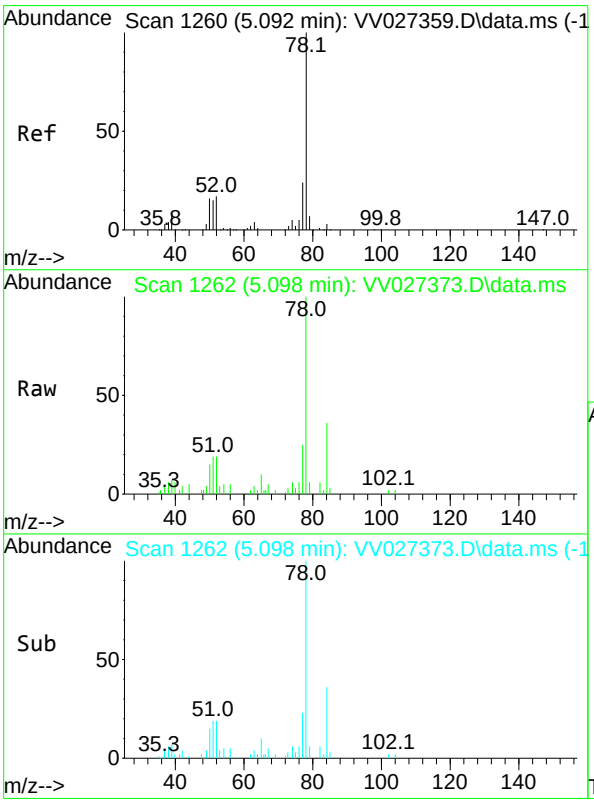
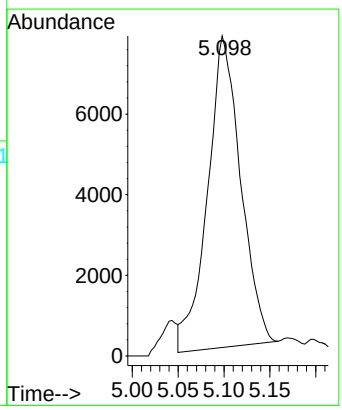
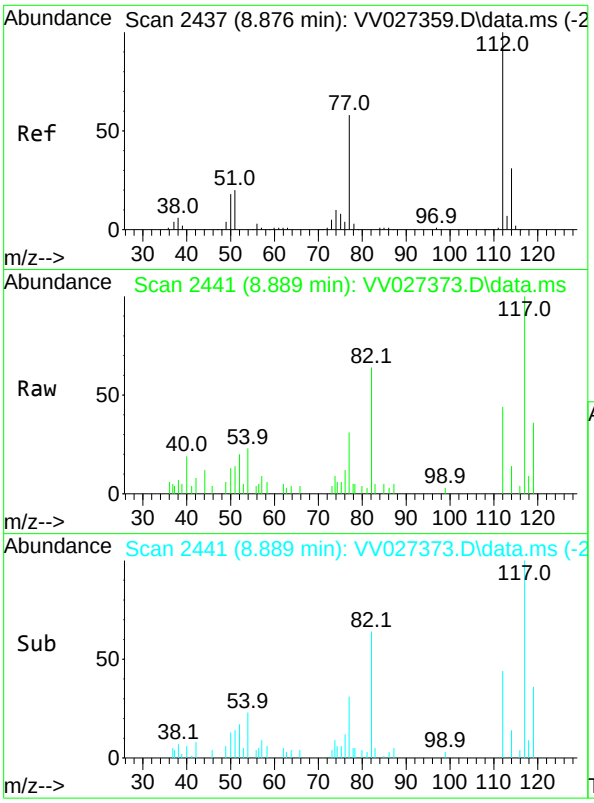


#33
Benzene
Concen: 0.353 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV027373.D
Acq: 13 Aug 2022 17:11

Tgt Ion: 78 Resp: 19380

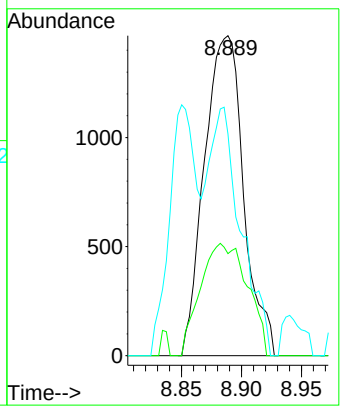




#51
Chlorobenzene
Concen: 0.093 ug/L
RT: 8.889 min Scan# 24
Delta R.T. 0.013 min
Lab File: VV027373.D
Acq: 13 Aug 2022 17:11

Tgt Ion:112 Resp: 333

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.5	41.9
77	69.3	46.4	69.6



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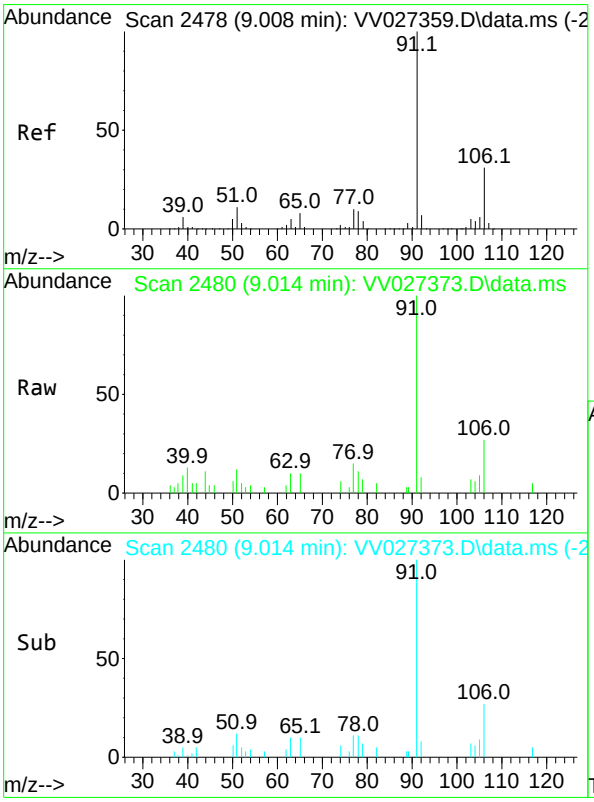
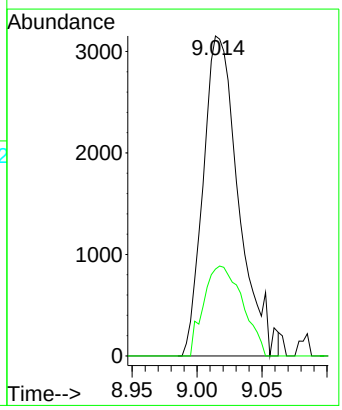
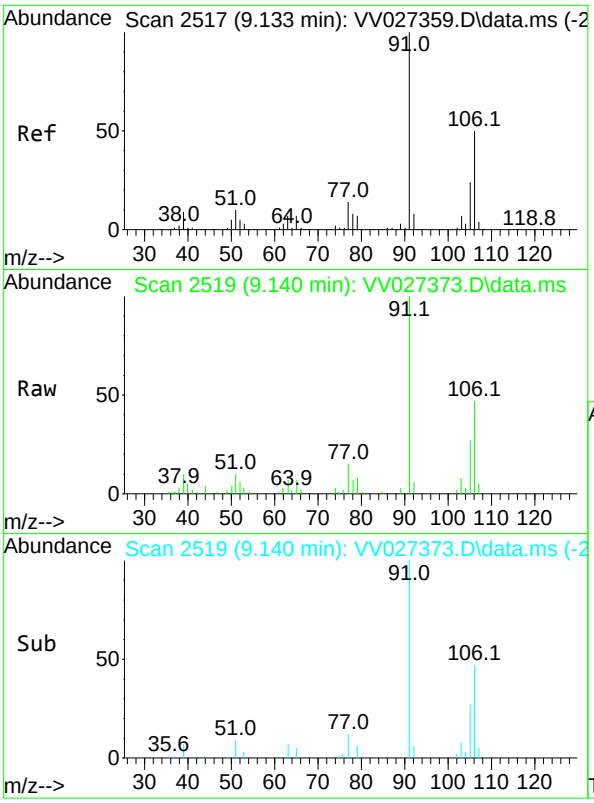


#52
Ethylbenzene
Concen: 0.109 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VV027373.D
Acq: 13 Aug 2022 17:11

Tgt Ion: 91 Resp: 5977

Ion	Ratio	Lower	Upper
91	100		
106	27.1	21.5	39.9





#53
m,p-Xylene
Concen: 0.419 ug/L
RT: 9.140 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV027373.D
Acq: 13 Aug 2022 17:11

Tgt Ion:106 Resp: 880

Ion	Ratio	Lower	Upper
106	100		
91	214.4	141.5	262.9

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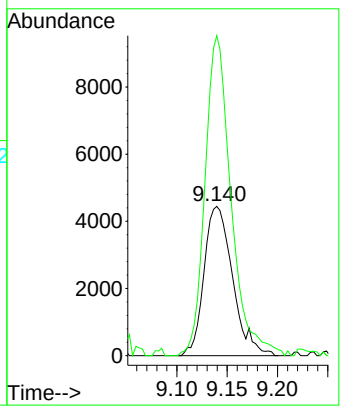
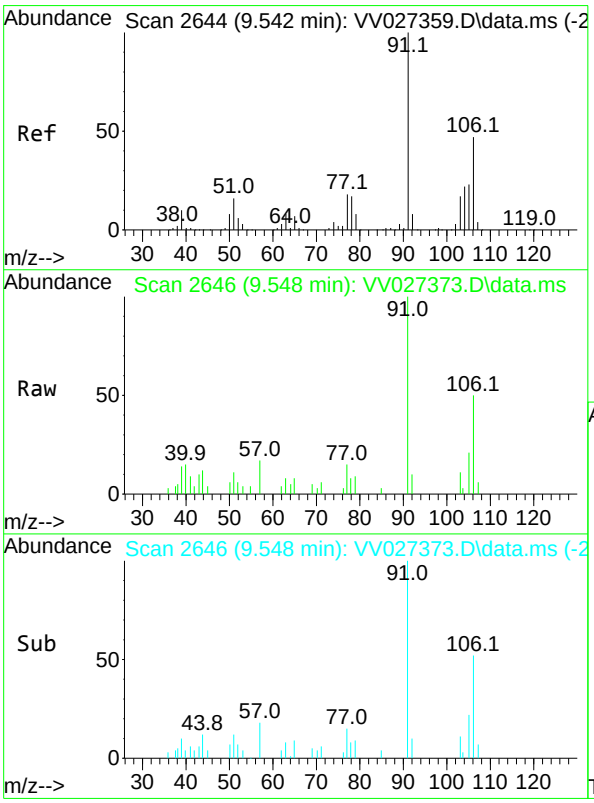
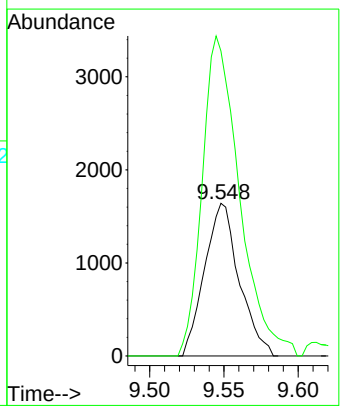


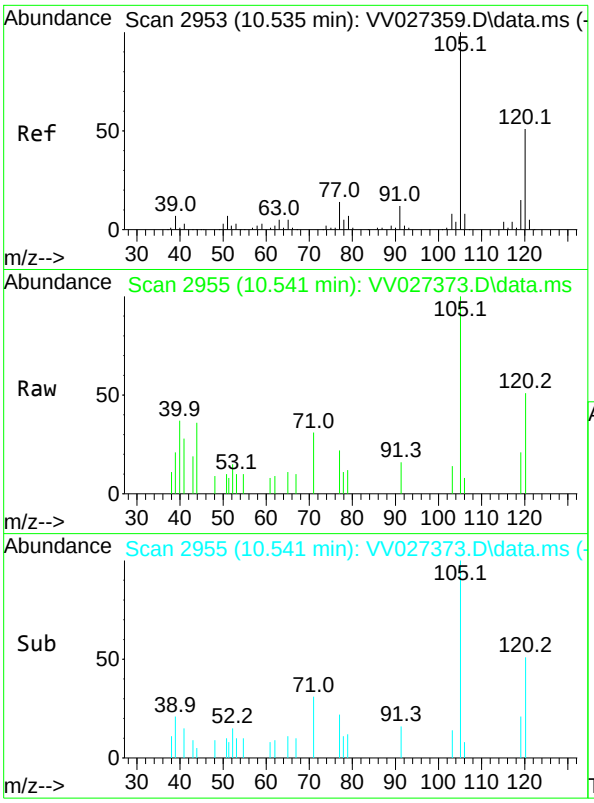


#54
o-Xylene
Concen: 0.130 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV027373.D
Acq: 13 Aug 2022 17:11

Tgt Ion:106 Resp: 2663

Ion	Ratio	Lower	Upper
106	100		
91	199.9	153.2	284.4

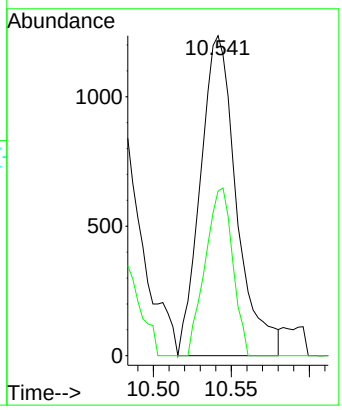




#62
1,3,5-Trimethylbenzene
Concen: 0.159 ug/L
RT: 10.541 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV027373.D
Acq: 13 Aug 2022 17:11

Tgt Ion:105 Resp: 199

Ion	Ratio	Lower	Upper
105	100		
120	39.5	38.2	57.4



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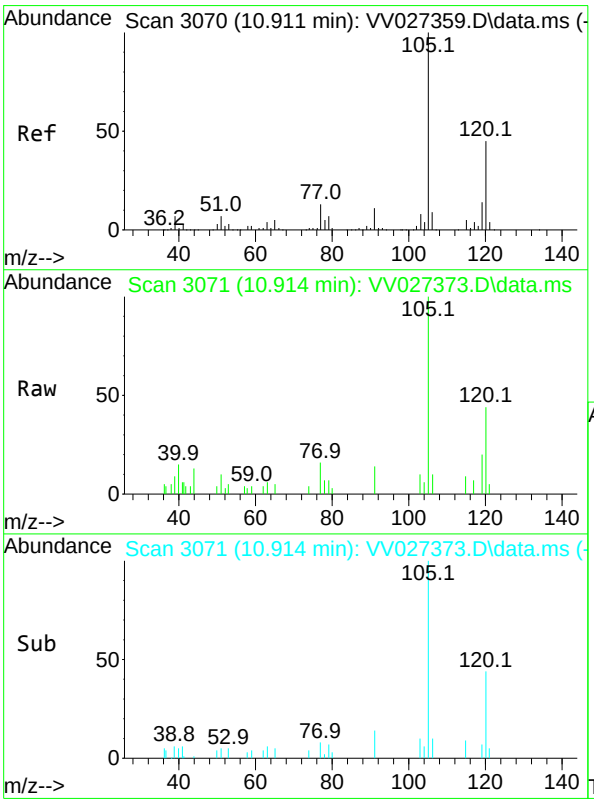

#63
1,2,4-Trimethylbenzene
Concen: 0.156 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV027373.D
Acq: 13 Aug 2022 17:11

Tgt Ion:105 Resp: 5615

Ion	Ratio	Lower	Upper
105	100		
120	42.5	36.2	54.2