Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Quant Time: Dec 24 03:55:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 24 03:53:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	208408	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	191624	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	97336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	73893	3.500	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.000%			
7) Chloroethane-d5	1.916	69	72914	4.004	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.000%			
11) 1,1-Dichloroethene-d2	2.568	65	33443	3.681	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.600%			
20) 2-Butanone-d5	4.639	46	333790	50.980	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.960%			
24) Chloroform-d	5.060	84	150389	4.222	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.400%			
26) 1,2-Dichloroethane-d4	5.697	65	87411	4.230	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.600%			
32) Benzene-d6	5.723	84	317853	4.838	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
36) 1,2-Dichloropropane-d6	6.687	67	110061	4.867	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.400%			
41) Toluene-d8	7.893	98	283180	5.134	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.600%			
43) trans-1,3-Dichloroprop...	8.176	79	38340	4.951	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.000%			
46) 2-Hexanone-d5	8.632	63	238873	56.380	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.760%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93219	4.855	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.000%			
66) 1,2-Dichlorobenzene-d4	12.189	152	103465	5.221	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.400%			
Target Compounds						Qvalue
30) Cyclohexane	5.385	56	399524	15.329	ug/L	96
35) Methylcyclohexane	6.761	83	347053	14.263	ug/L	97
52) Ethylbenzene	9.565	91	429182	6.267	ug/L	100
53) m,p-Xylene	9.690	106	64422	2.551	ug/L	95
60) Isopropylbenzene	10.478	105	121614	1.928	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	34038	0.654	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	7608	0.145	ug/L	99

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

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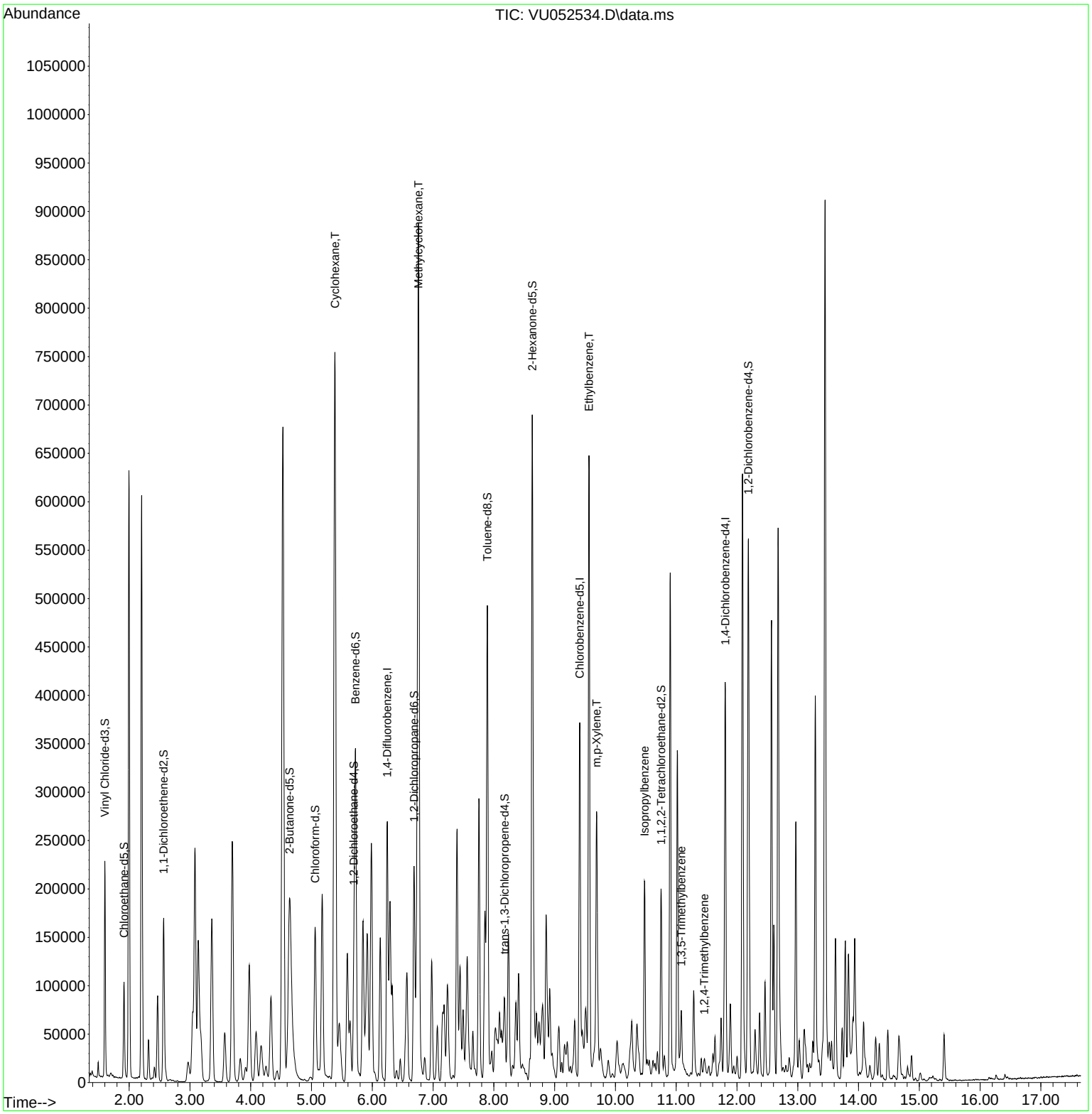
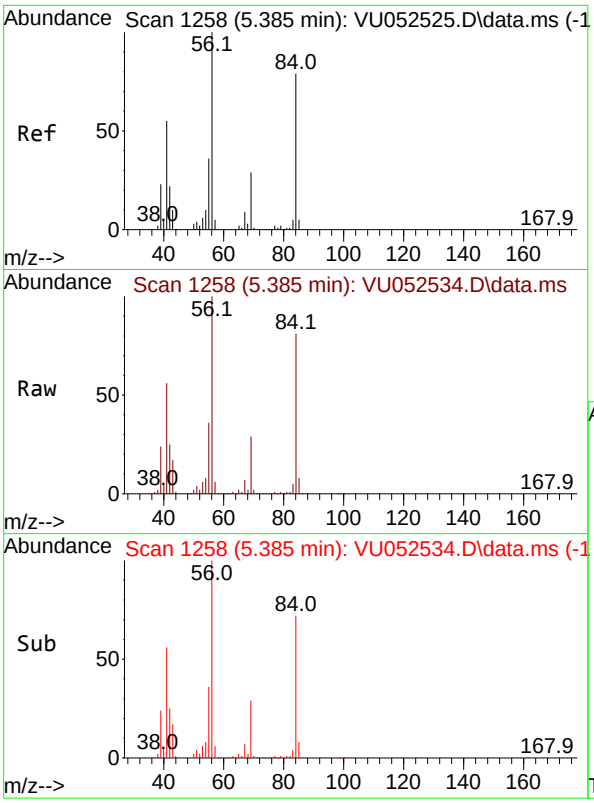


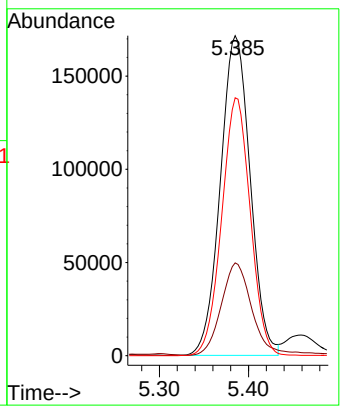


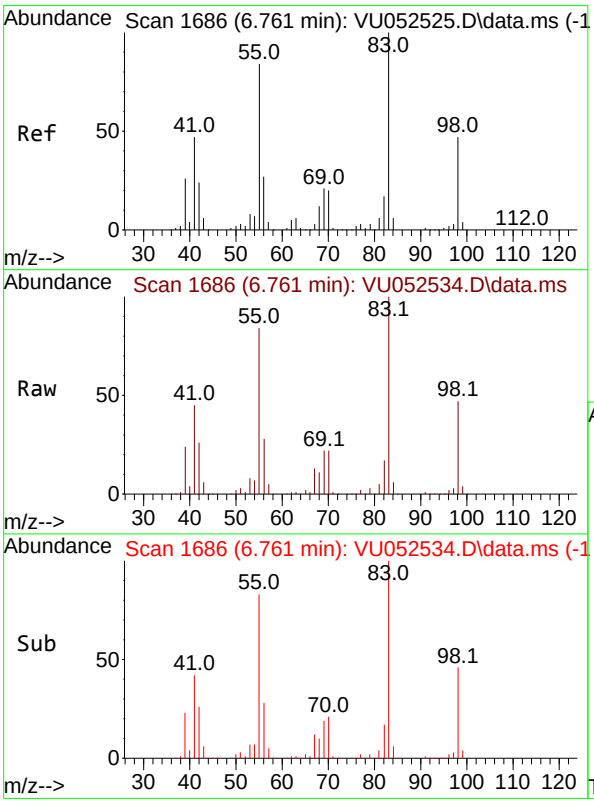
#30
Cyclohexane
Concen: 15.329 ug/L
RT: 5.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052534.D
Acq: 23 Dec 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Tgt Ion: 56 Resp: 399524

Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.0	34.6
84	77.2	64.4	96.6

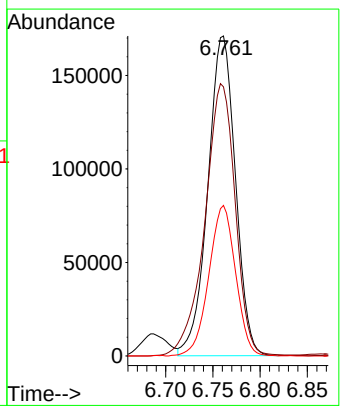


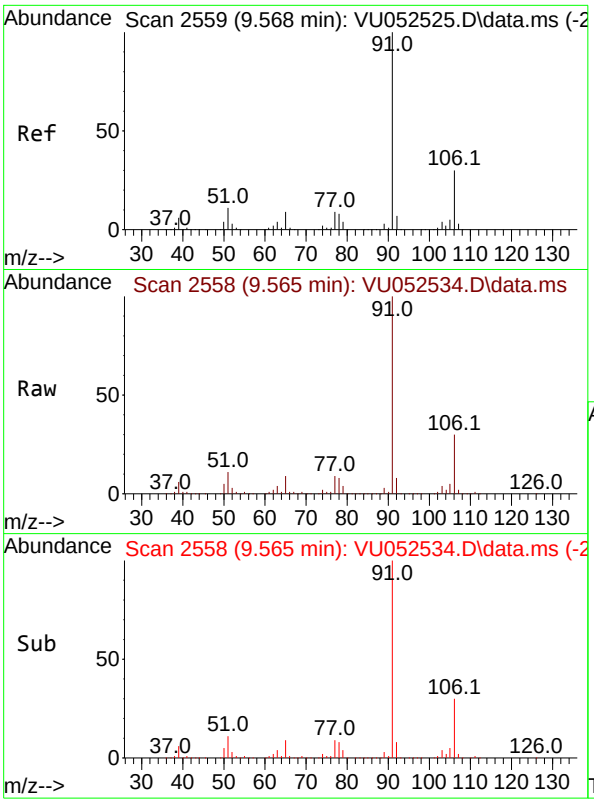


#35
Methylcyclohexane
Concen: 14.263 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU052534.D
Acq: 23 Dec 2022 14:02

Tgt Ion: 83 Resp: 347053

Ion	Ratio	Lower	Upper
83	100		
55	93.9	71.4	107.0
98	45.8	36.5	54.7



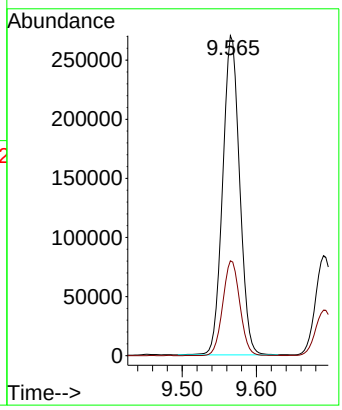


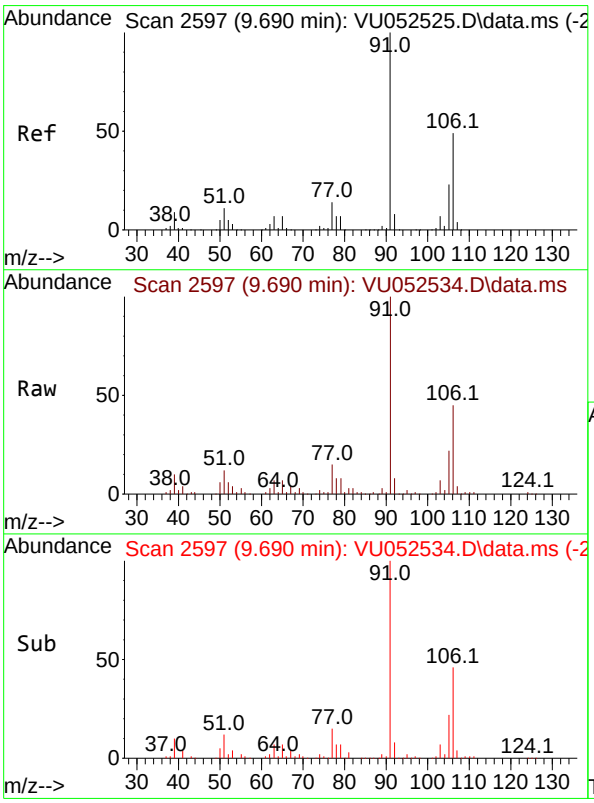
#52
Ethylbenzene
Concen: 6.267 ug/L
RT: 9.565 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU052534.D
Acq: 23 Dec 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Tgt Ion: 91 Resp: 429182

Ion	Ratio	Lower	Upper
91	100		
106	29.7	20.9	38.7

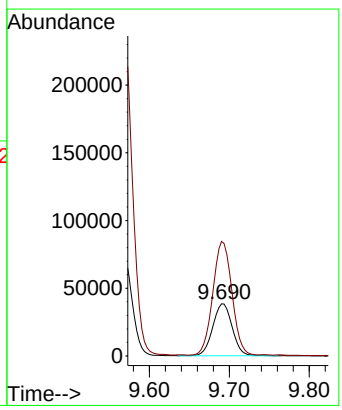


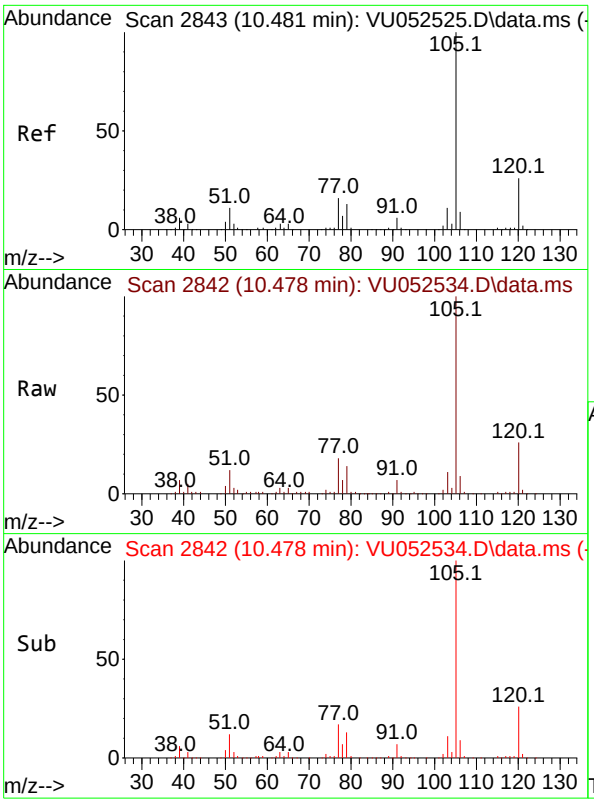


#53
m,p-Xylene
Concen: 2.551 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052534.D
Acq: 23 Dec 2022 14:02

Tgt Ion:106 Resp: 64422

Ion	Ratio	Lower	Upper
106	100		
91	219.8	148.2	275.2



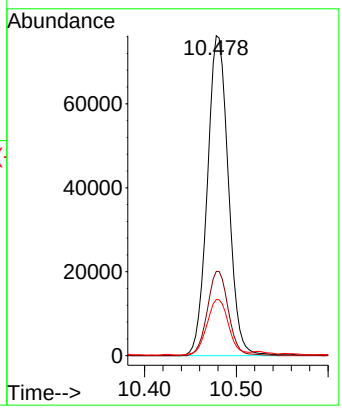


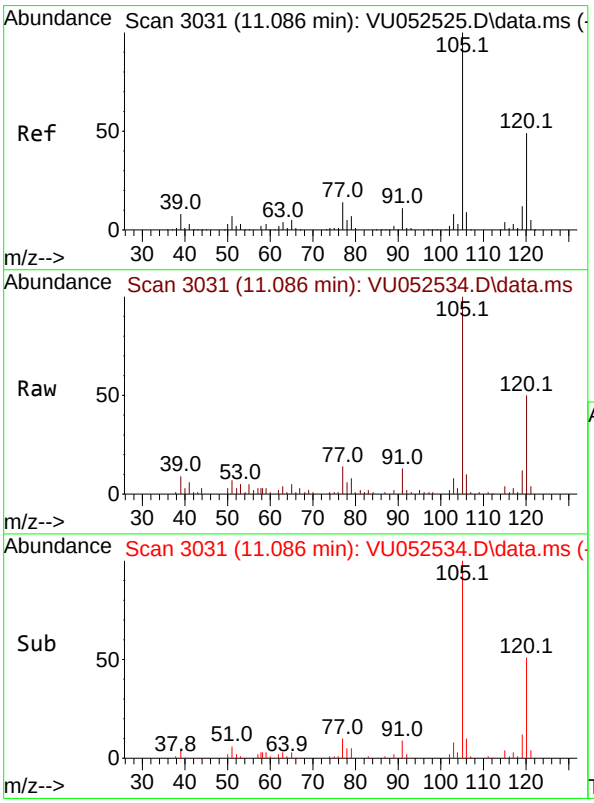
#60
Isopropylbenzene
Concen: 1.928 ug/L
RT: 10.478 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU052534.D
Acq: 23 Dec 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Tgt Ion:105 Resp: 121614

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.6	31.0
77	17.7	13.8	20.8

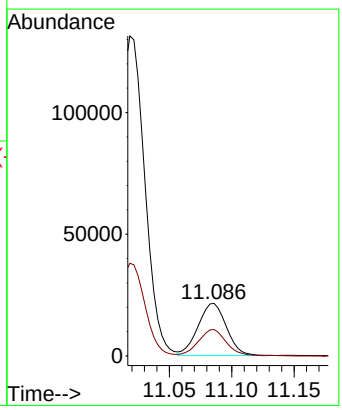


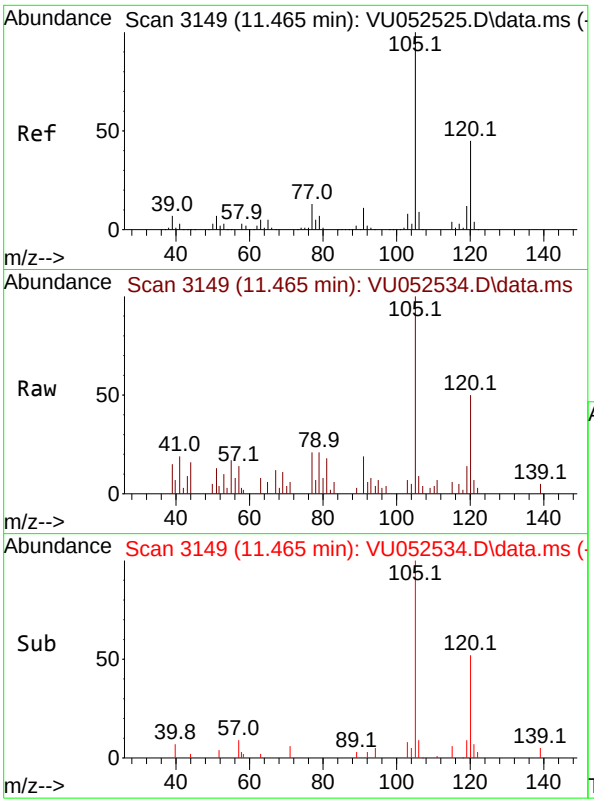


#62
1,3,5-Trimethylbenzene
Concen: 0.654 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052534.D
Acq: 23 Dec 2022 14:02

Tgt Ion:105 Resp: 34038

Ion	Ratio	Lower	Upper
105	100		
120	48.4	38.6	57.8





#63
1,2,4-Trimethylbenzene
Concen: 0.145 ug/L
RT: 11.465 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU052534.D
Acq: 23 Dec 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Tgt Ion:105 Resp: 7608

Ion	Ratio	Lower	Upper
105	100		
120	45.0	35.6	53.4