Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
Data File : VU047167.D
Acq On : 16 Feb 2022 17:39
Operator : SY/MD
Sample : N1558-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4M53

Quant Time: Feb 17 04:07:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 16 13:52:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	175204	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	178953	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	100928	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	69317	4.684	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.600%			
7) Chloroethane-d5	1.919	69	55741	4.753	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.000%			
11) 1,1-Dichloroethene-d2	2.575	65	27519	4.497	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.000%			
20) 2-Butanone-d5	4.642	46	191613	54.177	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.360%			
24) Chloroform-d	5.070	84	117887	4.796	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.000%			
26) 1,2-Dichloroethane-d4	5.707	65	64853	4.745	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
32) Benzene-d6	5.732	84	247693	4.954	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.000%			
36) 1,2-Dichloropropane-d6	6.694	67	78834	4.955	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.899	98	234100	4.786	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
43) trans-1,3-Dichloroprop...	8.182	79	32459	4.501	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.000%			
46) 2-Hexanone-d5	8.636	63	168370	44.336	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.680%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	64044	4.429	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.600%			
66) 1,2-Dichlorobenzene-d4	12.195	152	91131	5.032	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	80835	4.980	ug/L	99
30) Cyclohexane	5.395	56	49433	2.337	ug/L	99
33) Benzene	5.777	78	4486	0.088	ug/L	100
42) Toluene	7.973	91	13175	0.233	ug/L	99
52) Ethylbenzene	9.571	91	25454	0.410	ug/L	96
53) m,p-Xylene	9.697	106	14028	0.576	ug/L	96
54) o-Xylene	10.102	106	5872	0.248	ug/L	99
55) Styrene	10.118	104	3430	0.086	ug/L	91

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

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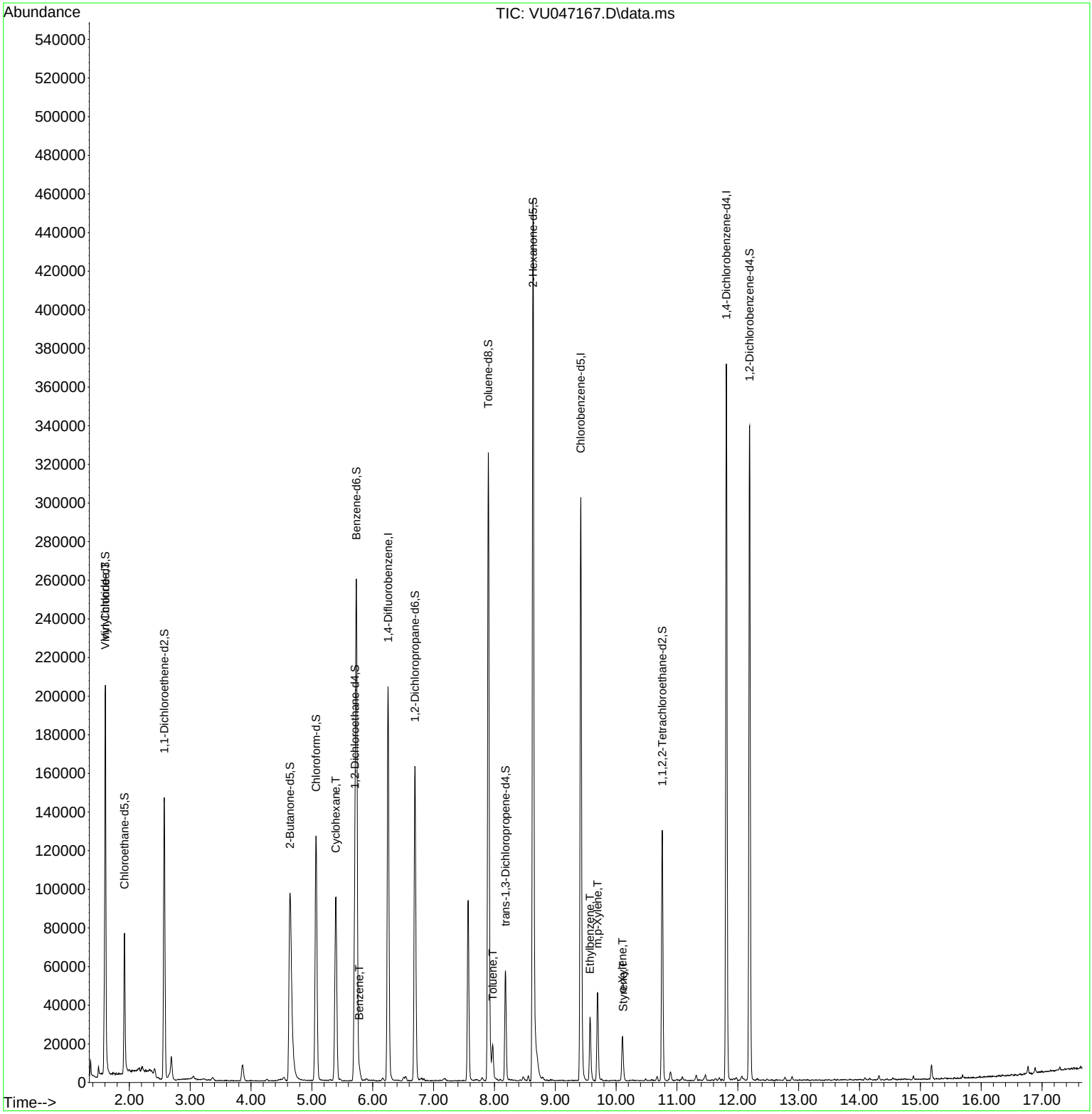
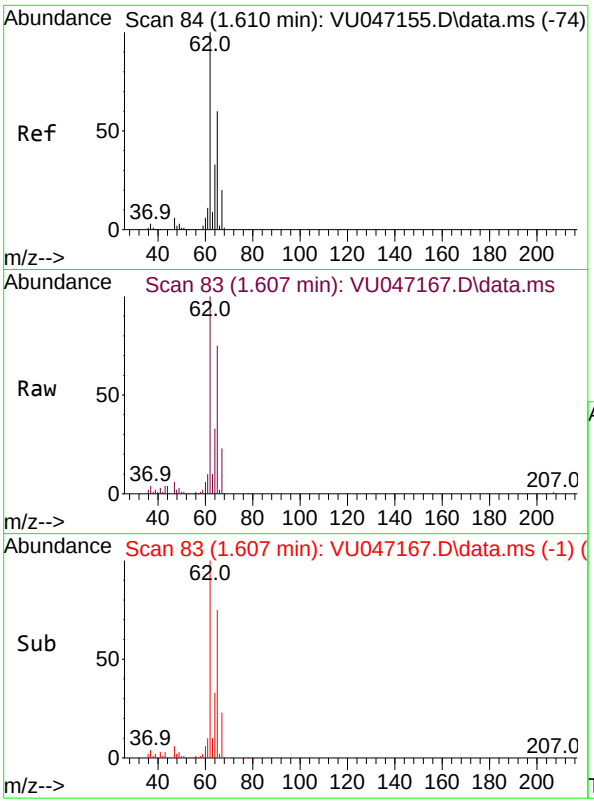


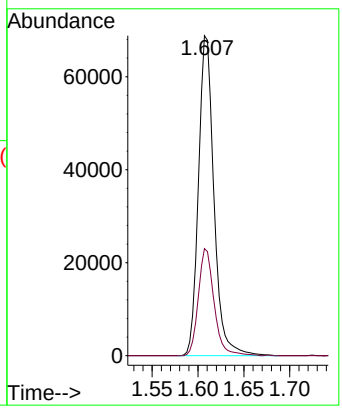


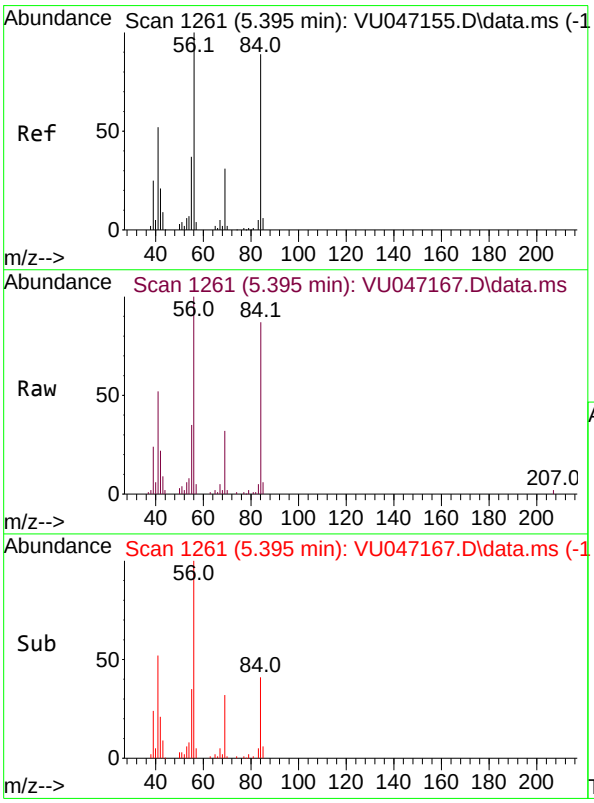
#5
Vinyl chloride
Concen: 4.980 ug/L
RT: 1.607 min Scan# 8
Delta R.T. -0.003 min
Lab File: VU047167.D
Acq: 16 Feb 2022 17:39

Instrument :
MSVOA_U
ClientSampleId :
F4M53

Tgt Ion: 62 Resp: 80835

Ion	Ratio	Lower	Upper
62	100		
64	33.5	22.9	42.5

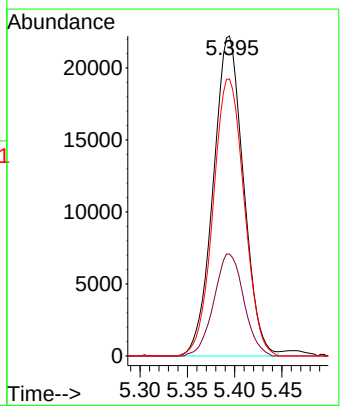


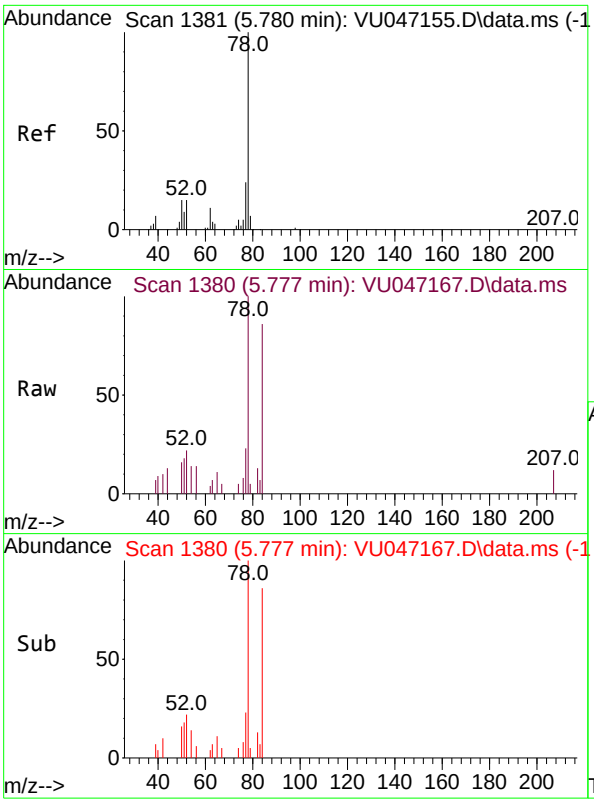


#30
Cyclohexane
Concen: 2.337 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU047167.D
Acq: 16 Feb 2022 17:39

Tgt Ion: 56 Resp: 49433

Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.7	37.1
84	88.8	71.8	107.6

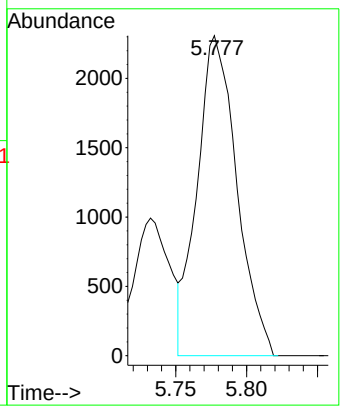


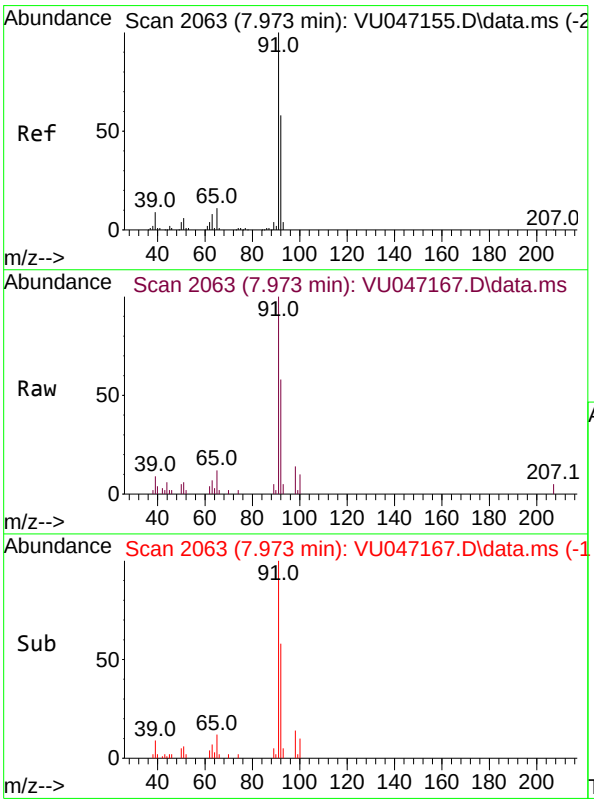


#33
Benzene
Concen: 0.088 ug/L
RT: 5.777 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU047167.D
Acq: 16 Feb 2022 17:39

Instrument :
MSVOA_U
ClientSampleId :
F4M53

Tgt Ion: 78 Resp: 4486

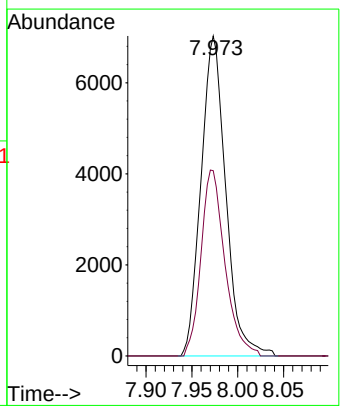


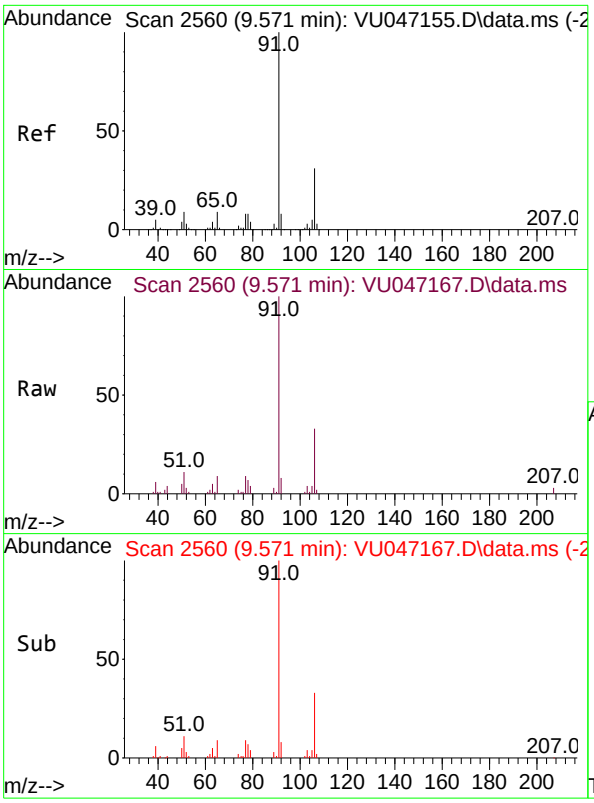


#42
Toluene
Concen: 0.233 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047167.D
Acq: 16 Feb 2022 17:39

Tgt Ion: 91 Resp: 13175

Ion	Ratio	Lower	Upper
91	100		
92	57.9	41.3	76.7



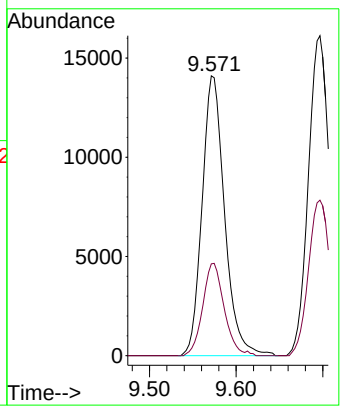


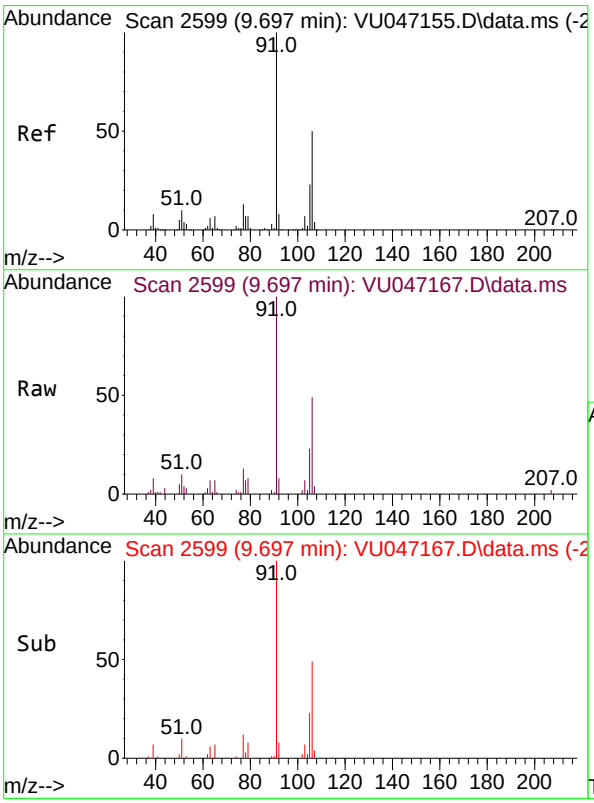
#52
Ethylbenzene
Concen: 0.410 ug/L
RT: 9.571 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU047167.D
Acq: 16 Feb 2022 17:39

Instrument :
MSVOA_U
ClientSampleId :
F4M53

Tgt Ion: 91 Resp: 25454

Ion	Ratio	Lower	Upper
91	100		
106	32.8	21.5	39.9

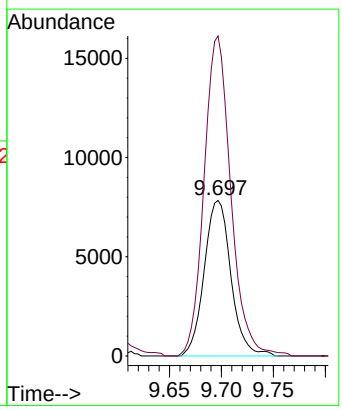


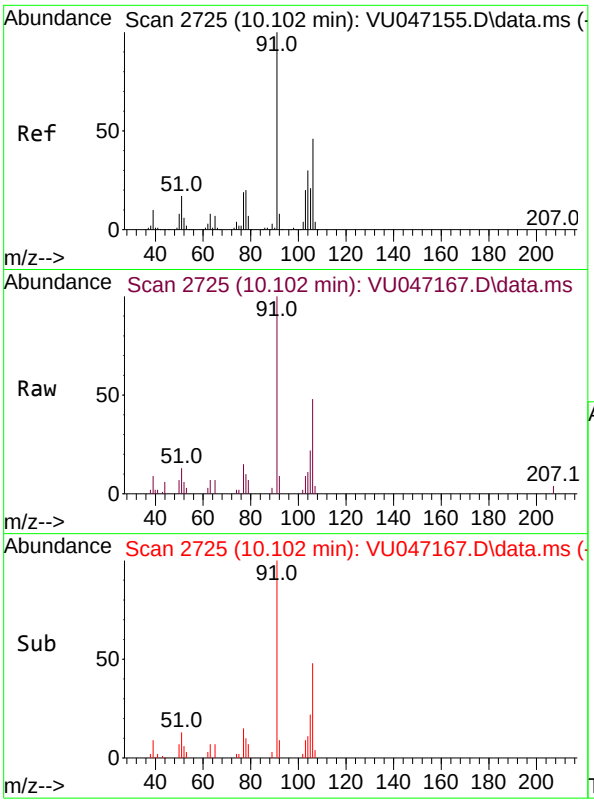


#53
m,p-Xylene
Concen: 0.576 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047167.D
Acq: 16 Feb 2022 17:39

Tgt Ion:106 Resp: 14028

Ion	Ratio	Lower	Upper
106	100		
91	205.7	139.4	259.0



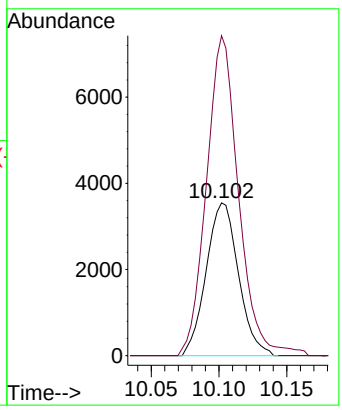


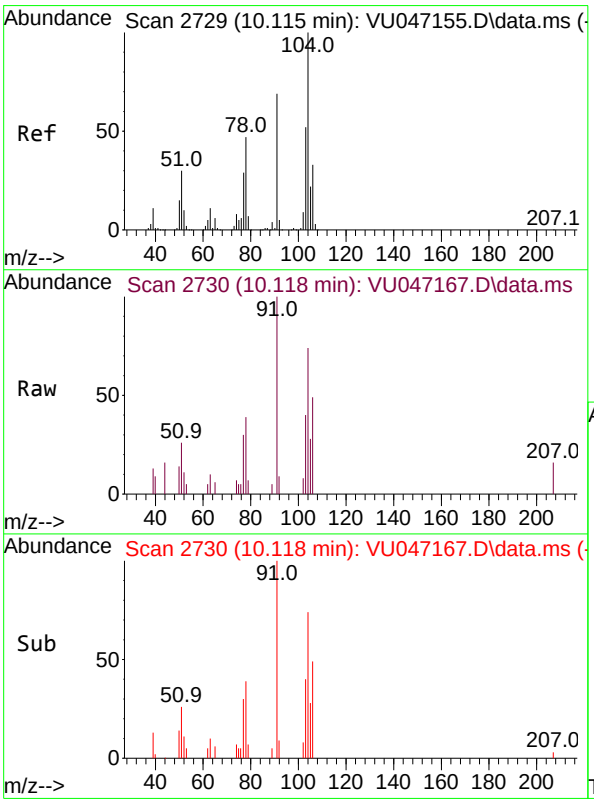
#54
o-Xylene
Concen: 0.248 ug/L
RT: 10.102 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU047167.D
Acq: 16 Feb 2022 17:39

Instrument :
MSVOA_U
ClientSampleId :
F4M53

Tgt Ion:106 Resp: 5872

Ion	Ratio	Lower	Upper
106	100		
91	209.5	147.5	273.9





#55
Styrene
Concen: 0.086 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047167.D
Acq: 16 Feb 2022 17:39

Tgt Ion:104 Resp: 3430

Ion	Ratio	Lower	Upper
104	100		
78	53.3	33.0	61.4