Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042524\
Data File : VU058804.D
Acq On : 25 Apr 2024 15:03
Operator : MD/SY
Sample : P2305-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 26 02:14:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 26 02:12:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80526	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78041	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	39012	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	16685	2.634	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 52.600%			
7) Chloroethane-d5	1.901	69	13623	2.854	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 57.000%#			
11) 1,1-Dichloroethene-d2	2.554	65	11076	3.473	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.400%			
20) 2-Butanone-d5	4.634	46	31165	28.005	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 56.000%			
24) Chloroform-d	5.052	84	49321	3.809	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.200%			
26) 1,2-Dichloroethane-d4	5.692	65	24343	3.879	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.600%			
32) Benzene-d6	5.718	84	87254	3.513	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 70.200%			
36) 1,2-Dichloropropane-d6	6.682	67	23813	3.214	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 64.200%			
41) Toluene-d8	7.891	98	78767	3.543	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.800%			
43) trans-1,3-Dichloroprop...	8.177	79	9532	3.534	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.600%			
46) 2-Hexanone-d5	8.631	63	22943	28.703	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 57.400%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15659	3.470	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 69.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	28352	4.170	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.400%			
Target Compounds						Qvalue
33) Benzene	5.769	78	10906	0.404	ug/L	100
37) 1,2-Dichloropropane	6.679	63	3182	0.451	ug/L #	89
42) Toluene	7.968	91	3368	0.121	ug/L	98
52) Ethylbenzene	9.566	91	11510	0.374	ug/L	95
53) m,p-Xylene	9.692	106	5455	0.483	ug/L	85
54) o-Xylene	10.097	106	3227	0.301	ug/L	79
60) Isopropylbenzene	10.480	105	49705	1.606	ug/L	98
61) 1,2,3-Trichloropropane	10.480	75	842	0.237	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.087	105	2303	0.089	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	4415	0.181	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.023	75	692	1.128	ug/L #	11
71) Naphthalene	14.081	128	242748	30.249	ug/L	99

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

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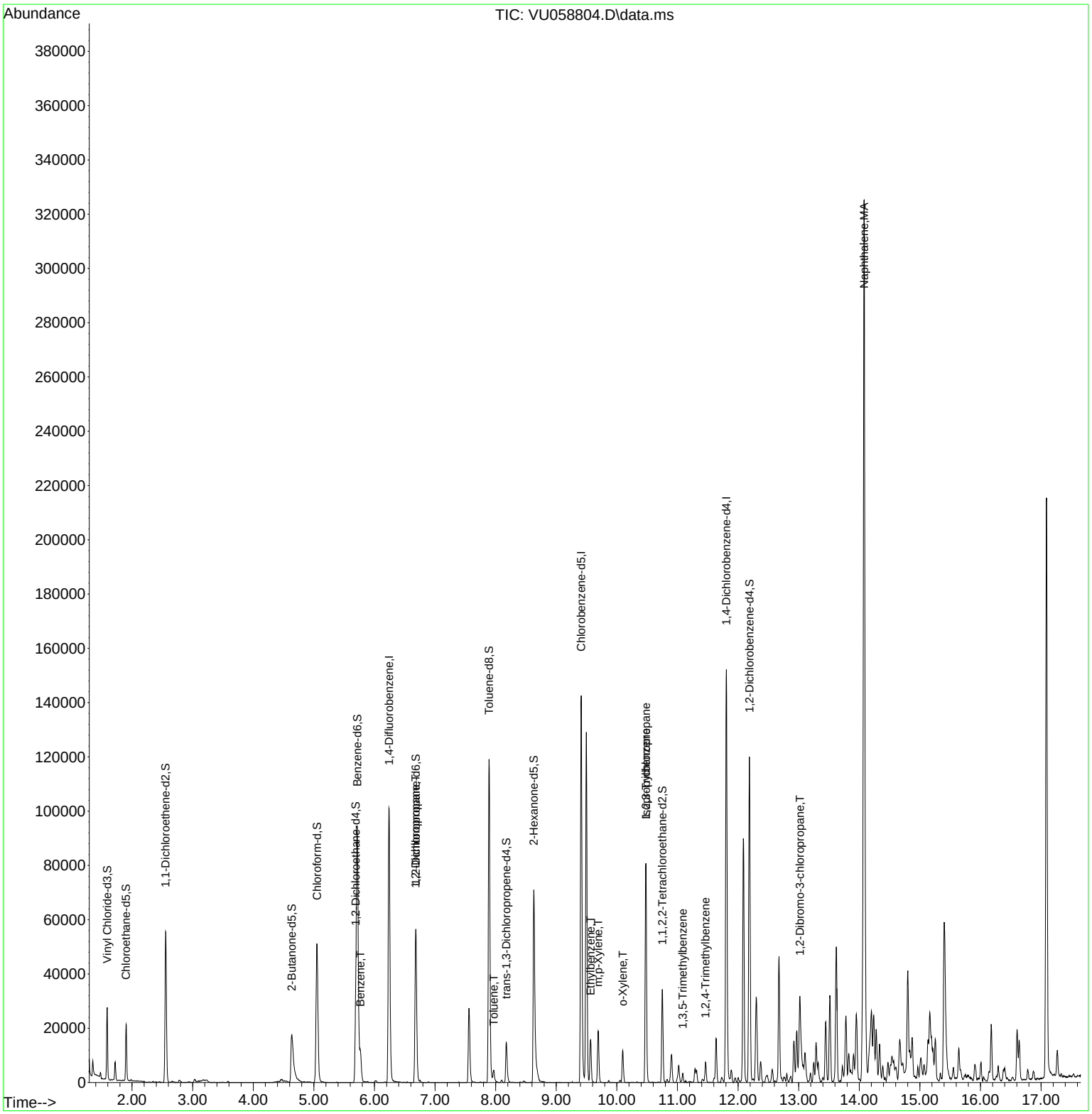
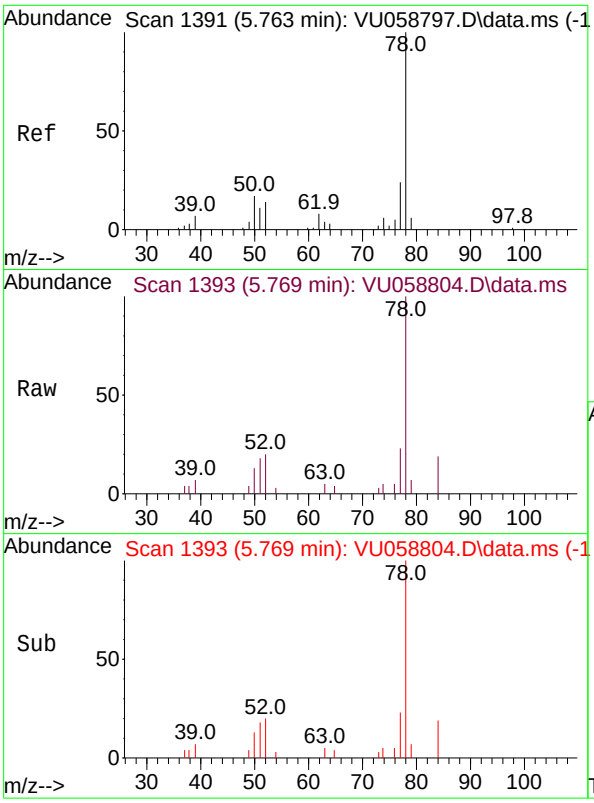
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 26 02:12:29 2024
Response via : Initial Calibration

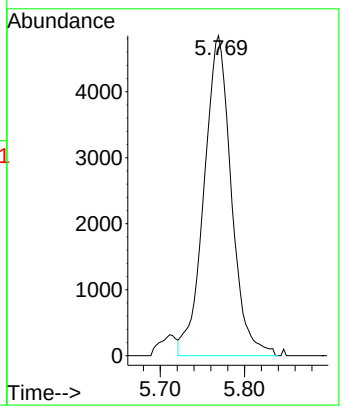


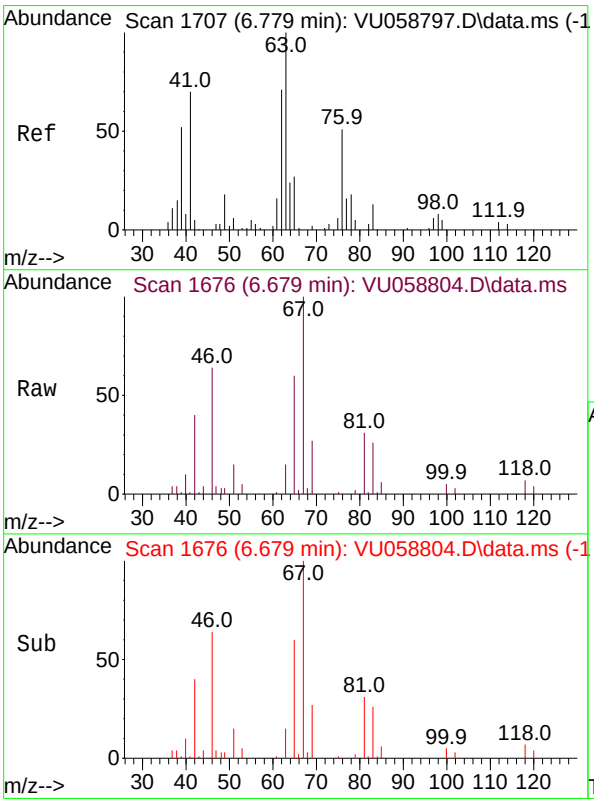


#33
Benzene
Concen: 0.404 ug/L
RT: 5.769 min Scan# 1
Delta R.T. 0.007 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 10906

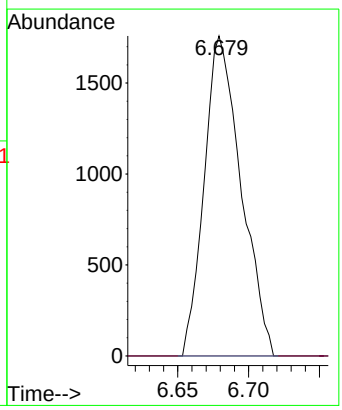


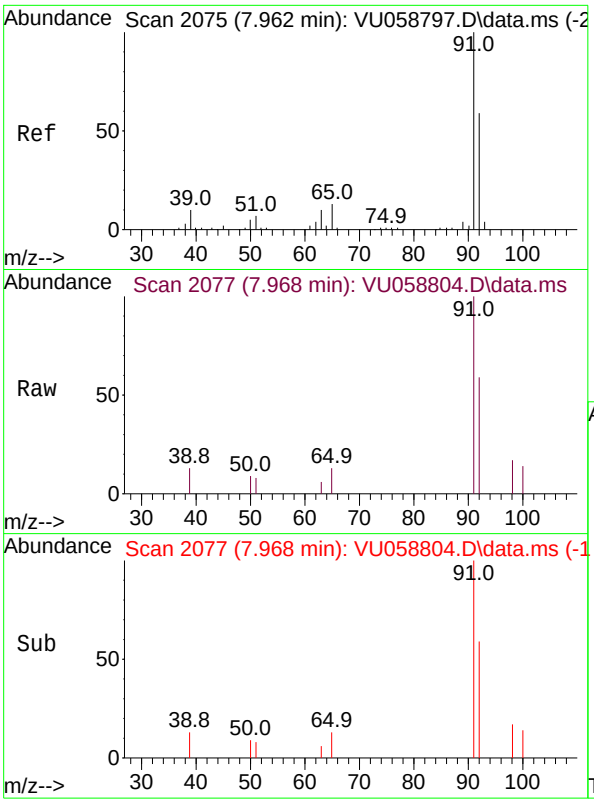


#37
1,2-Dichloropropane
Concen: 0.451 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Tgt Ion: 63 Resp: 3182

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#



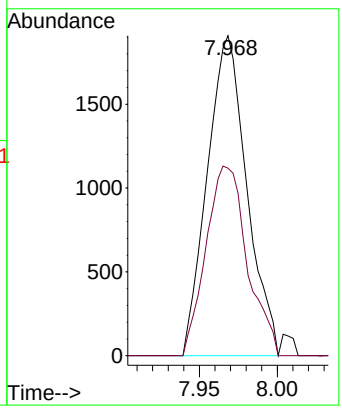


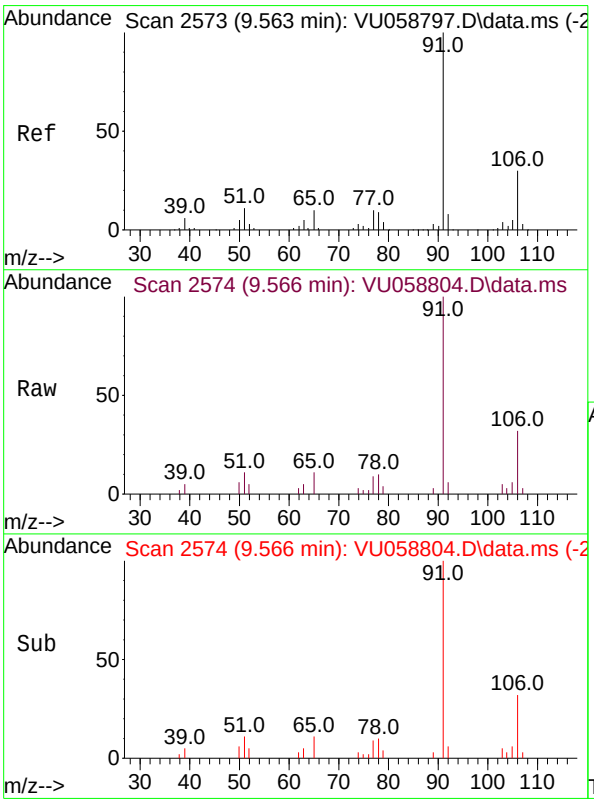
#42
Toluene
Concen: 0.121 ug/L
RT: 7.968 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 3368

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.0	74.2

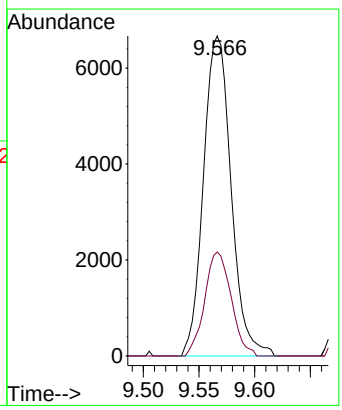


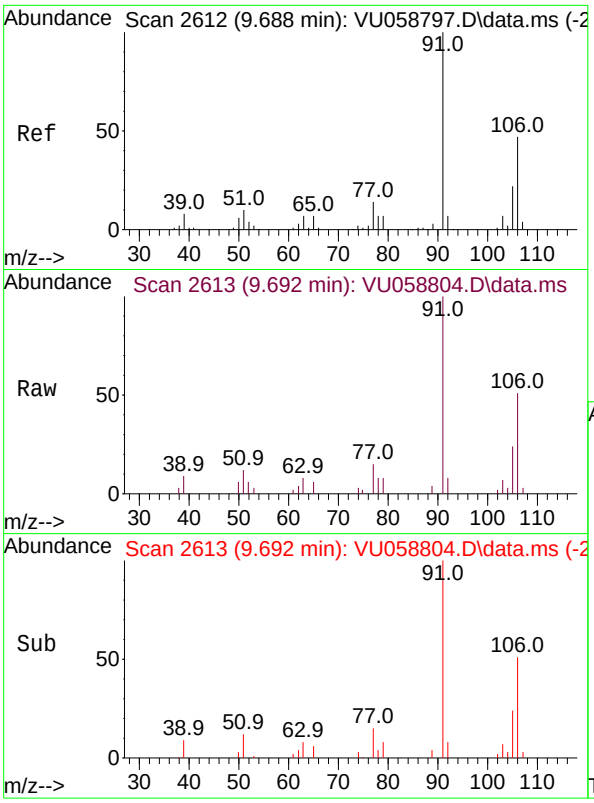


#52
Ethylbenzene
Concen: 0.374 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Tgt Ion: 91 Resp: 11510

Ion	Ratio	Lower	Upper
91	100		
106	32.5	20.9	38.9



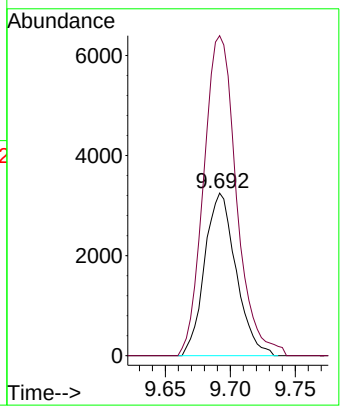


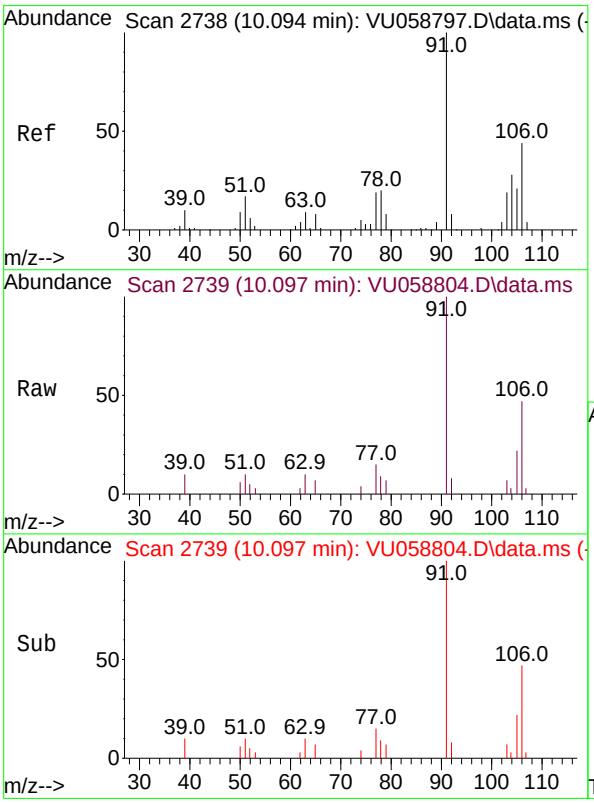
#53
m,p-Xylene
Concen: 0.483 ug/L
RT: 9.692 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 5455

Ion	Ratio	Lower	Upper
106	100		
91	196.9	155.1	288.1

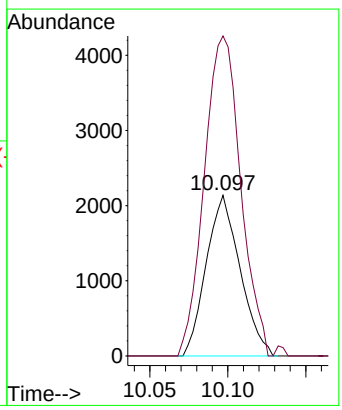


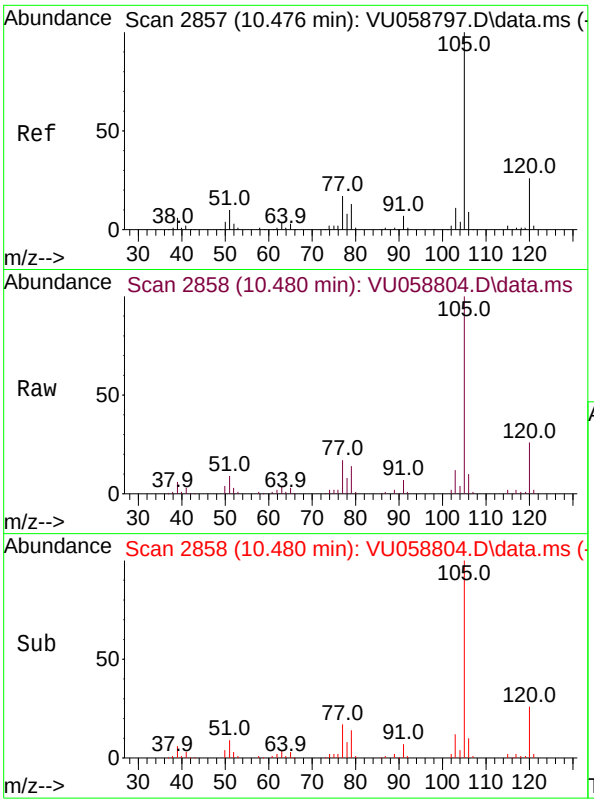


#54
o-Xylene
Concen: 0.301 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Tgt Ion:106 Resp: 3227

Ion	Ratio	Lower	Upper
106	100		
91	199.2	163.7	304.1



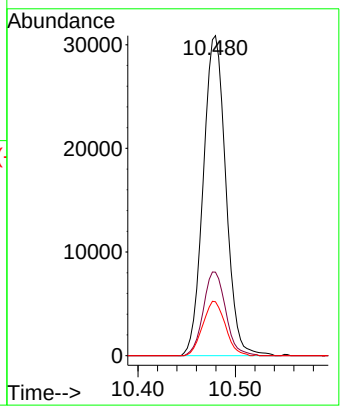


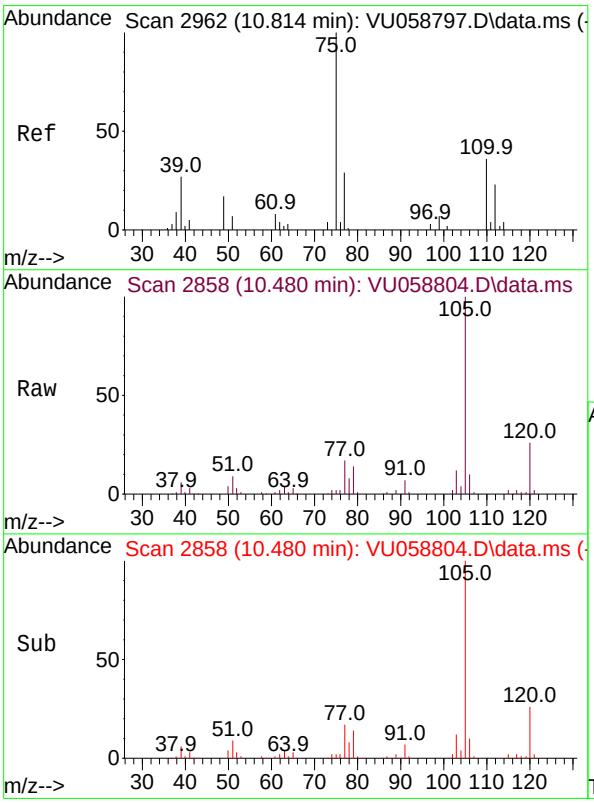
#60
Isopropylbenzene
Concen: 1.606 ug/L
RT: 10.480 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 49705

Ion	Ratio	Lower	Upper
105	100		
120	26.0	19.6	29.4
77	17.0	13.8	20.8

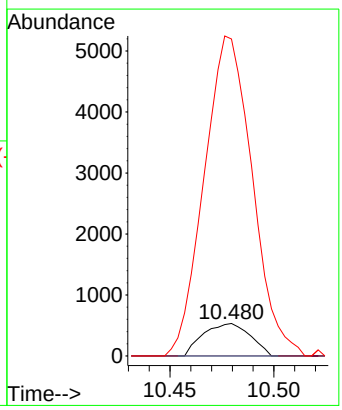


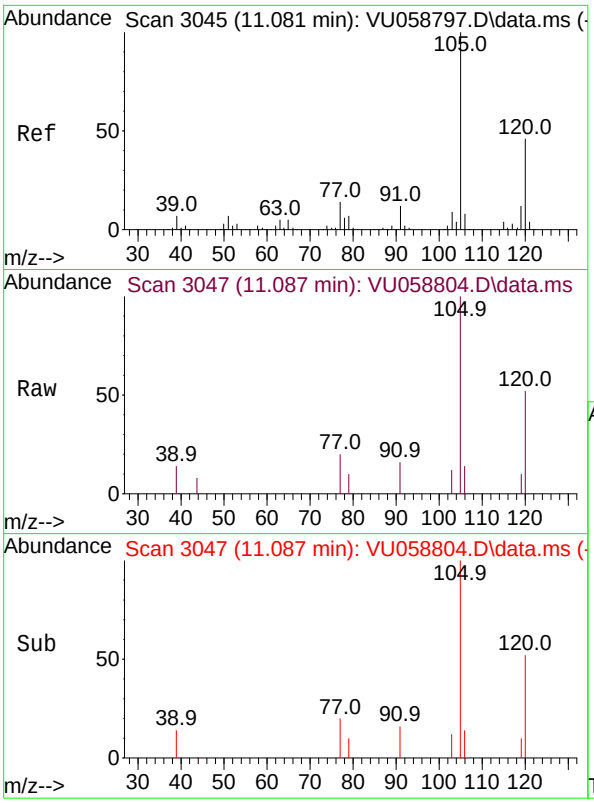


#61
1,2,3-Trichloropropane
Concen: 0.237 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. -0.334 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Tgt Ion: 75 Resp: 842

Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.6	43.0#
77	1003.8	25.4	38.2#



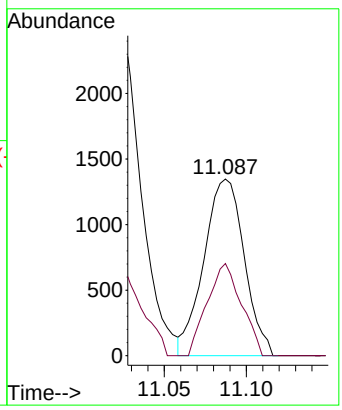


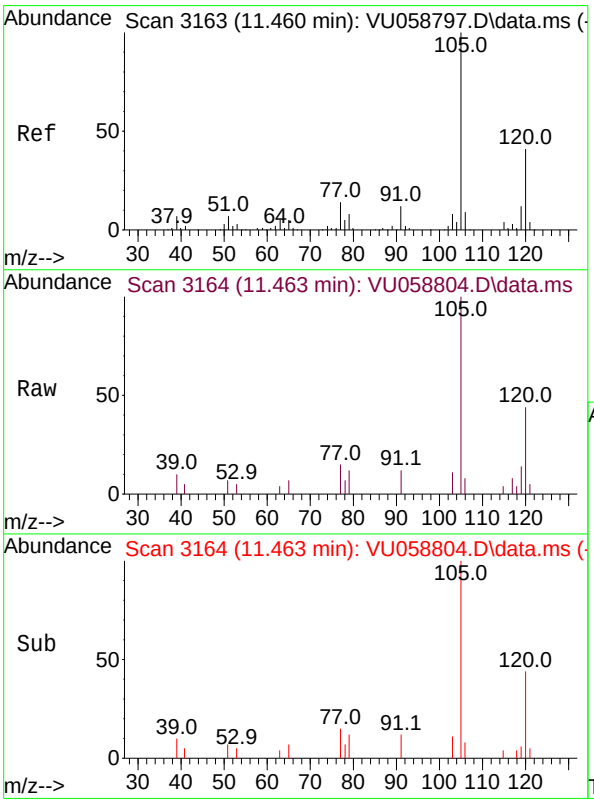
#62
1,3,5-Trimethylbenzene
Concen: 0.089 ug/L
RT: 11.087 min Scan# 3
Delta R.T. 0.007 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 2303

Ion	Ratio	Lower	Upper
105	100		
120	44.2	36.2	54.4

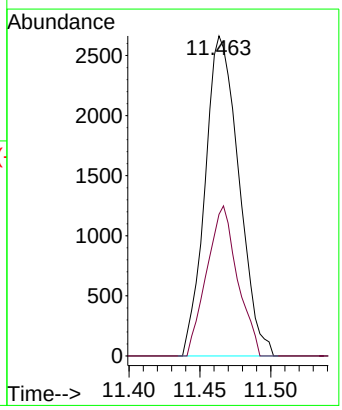


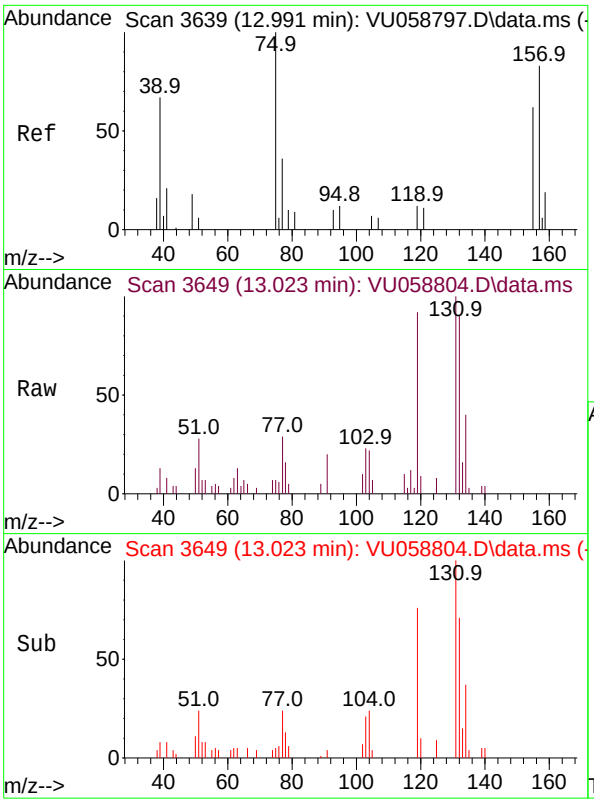


#63
1,2,4-Trimethylbenzene
Concen: 0.181 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Tgt Ion:105 Resp: 4415

Ion	Ratio	Lower	Upper
105	100		
120	42.7	33.4	50.0



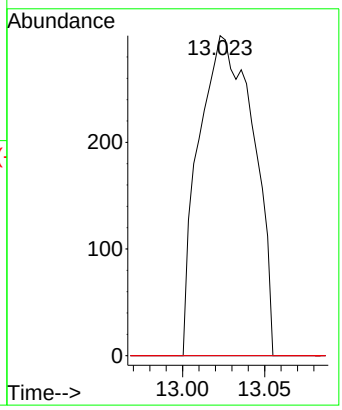


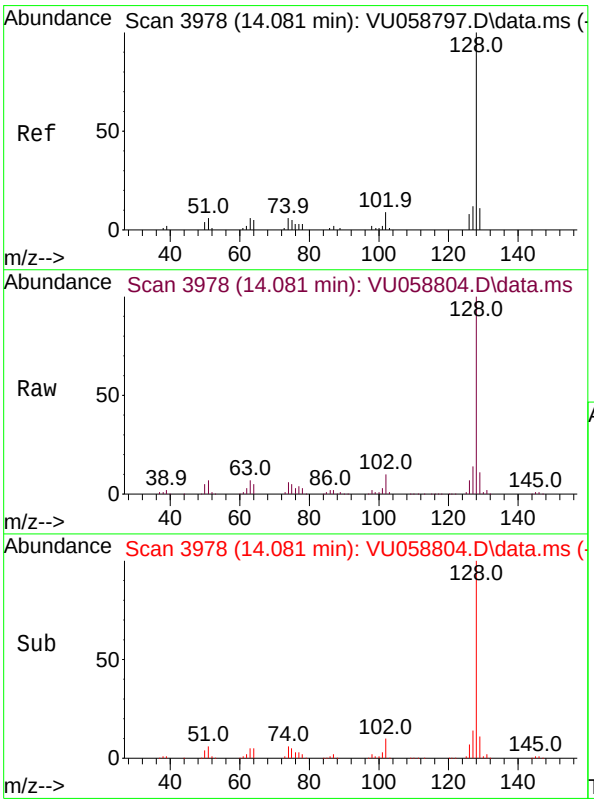
#68
1,2-Dibromo-3-chloropropane
Concen: 1.128 ug/L
RT: 13.023 min Scan# 3
Delta R.T. 0.032 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 692

Ion	Ratio	Lower	Upper
75	100		
155	0.0	53.6	80.4#
157	0.0	68.7	103.1#





#71
Naphthalene
Concen: 30.249 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU058804.D
Acq: 25 Apr 2024 15:03

Tgt Ion:128 Resp: 242748

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.2	12.4
127	13.4	10.8	16.2