Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
Data File : VU055091.D
Acq On : 05 Sep 2023 14:00
Operator : MD/SY
Sample : 04267-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4F1

Quant Time: Sep 06 02:17:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 02:14:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	164159	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	169836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	88773	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36122	4.695	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.800%			
7) Chloroethane-d5	1.907	69	44504	4.997	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.000%			
11) 1,1-Dichloroethene-d2	2.560	65	22218	5.068	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.400%			
20) 2-Butanone-d5	4.624	46	139047	62.278	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 124.560%			
24) Chloroform-d	5.058	84	111058	5.440	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.800%			
26) 1,2-Dichloroethane-d4	5.701	65	57271	5.607	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.200%			
32) Benzene-d6	5.724	84	214603	5.119	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.400%			
36) 1,2-Dichloropropane-d6	6.688	67	71813	5.386	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.800%			
41) Toluene-d8	7.897	98	191036	4.947	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.000%			
43) trans-1,3-Dichloroprop...	8.180	79	18868	5.138	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.800%			
46) 2-Hexanone-d5	8.634	63	86791	58.220	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.440%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54014	5.760	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.200%			
66) 1,2-Dichlorobenzene-d4	12.193	152	70553	5.445	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.800%			
Target Compounds						Qvalue
13) Acetone	2.628	43	76478	51.108	ug/L	98
15) Methyl Acetate	2.952	43	27146	8.863	ug/L	98
16) Methylene chloride	3.042	84	6555	0.565	ug/L	95
21) 2-Butanone	4.724	43	12984	5.906	ug/L	93
40) 4-Methyl-2-pentanone	7.791	43	10731	1.912	ug/L #	89
42) Toluene	7.971	91	25019	0.649	ug/L	95
52) Ethylbenzene	9.579	91	5760	0.134	ug/L	89
53) m,p-Xylene	9.695	106	5106	0.320	ug/L	85
54) o-Xylene	10.103	106	3080	0.196	ug/L	100
55) Styrene	10.119	104	13536	0.522	ug/L	96

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

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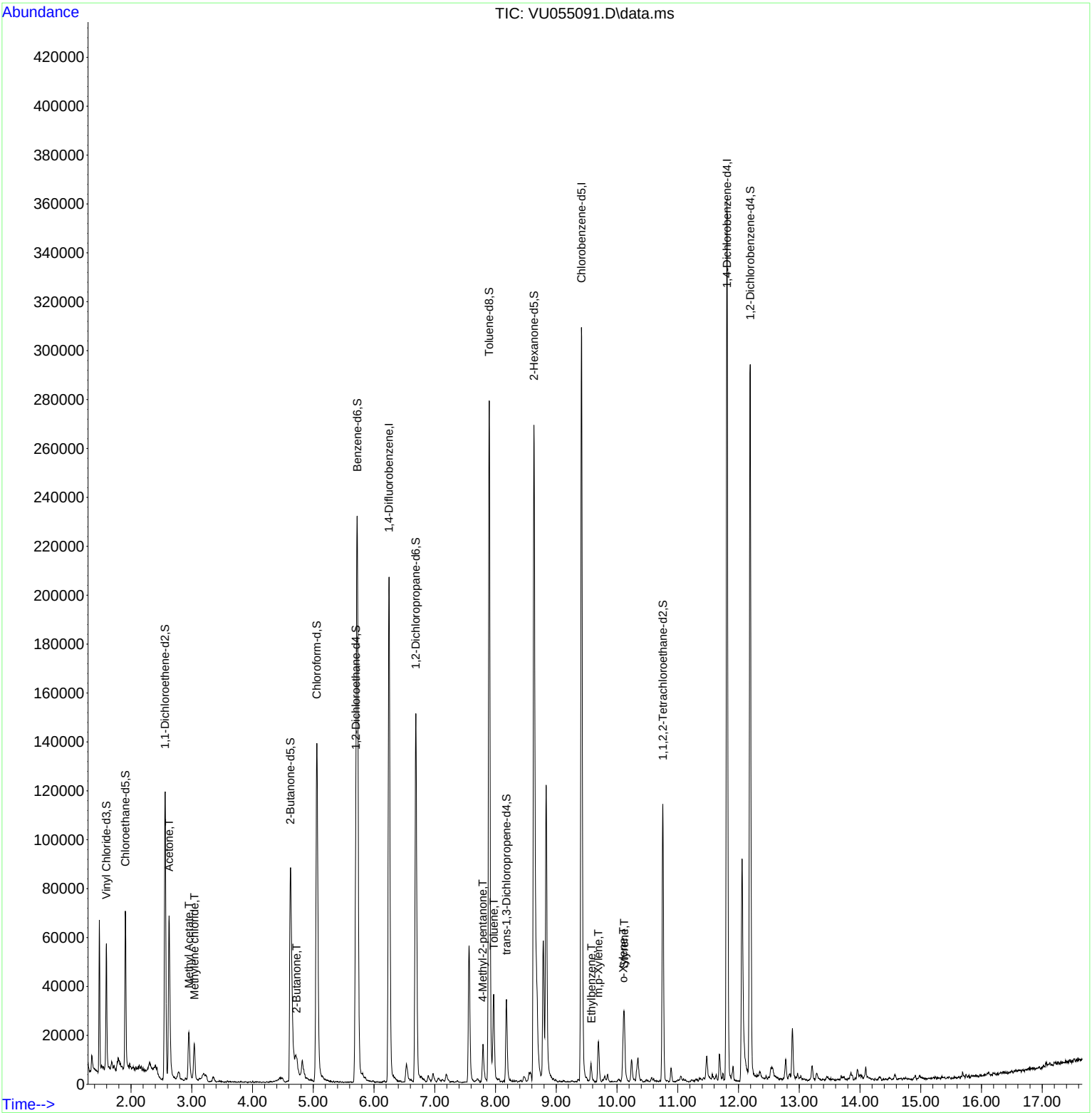
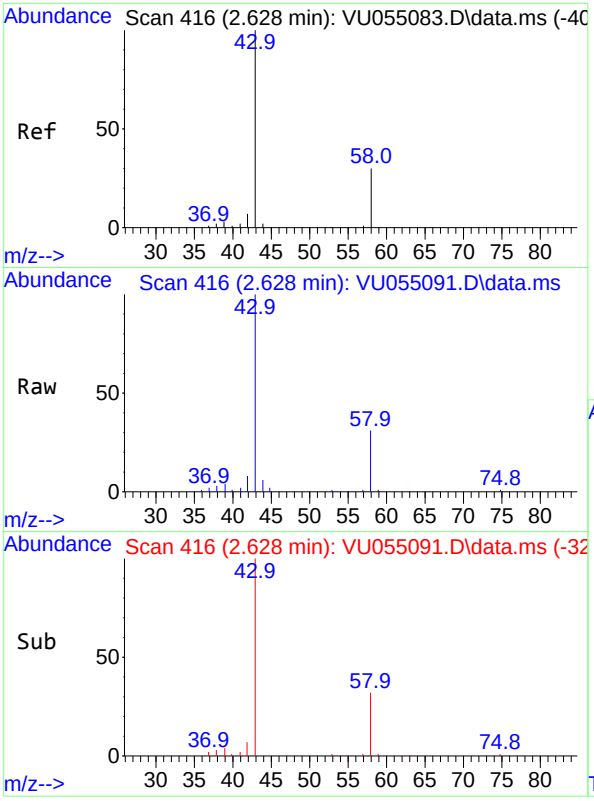


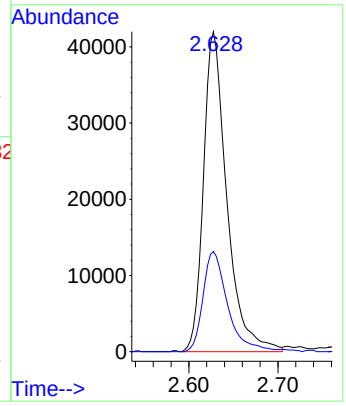


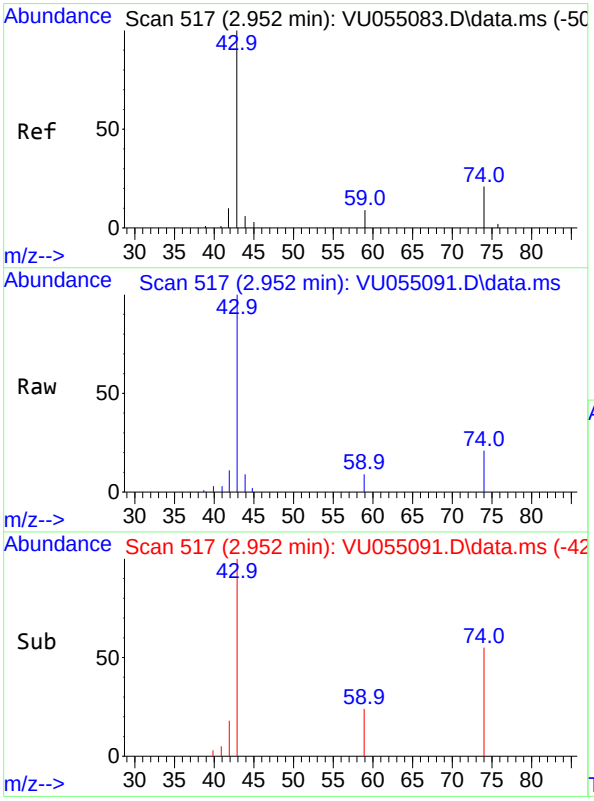
#13
Acetone
Concen: 51.108 ug/L
RT: 2.628 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Instrument :
MSVOA_U
ClientSampleId :
BH4F1

Tgt Ion: 43 Resp: 76478

Ion	Ratio	Lower	Upper
43	100		
58	32.9	0.0	67.8

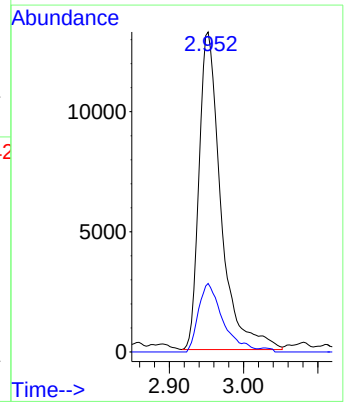


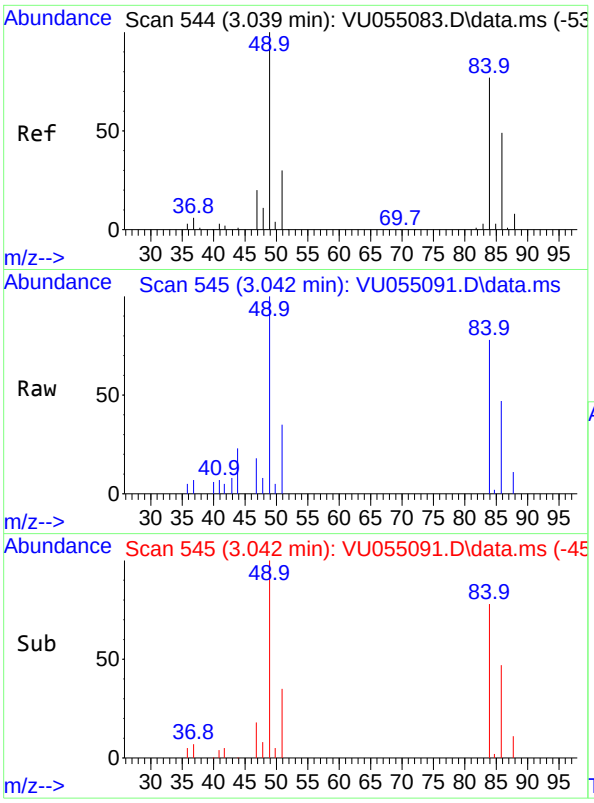


#15
Methyl Acetate
Concen: 8.863 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Tgt Ion: 43 Resp: 27146

Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.4	27.6



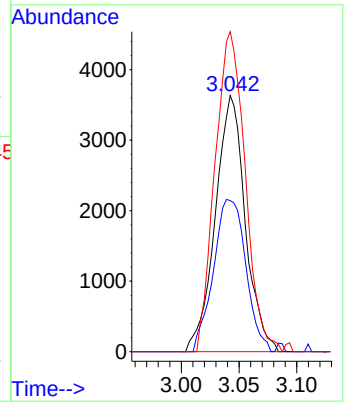


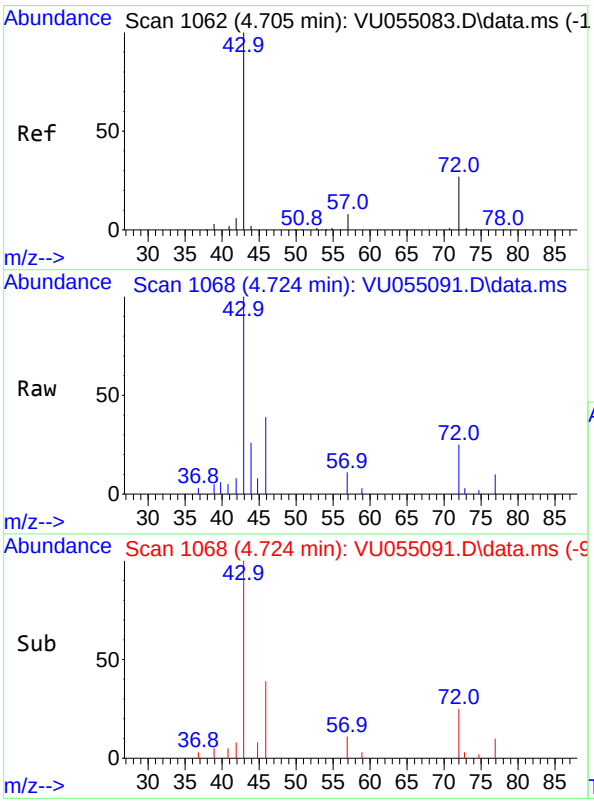
#16
Methylene chloride
Concen: 0.565 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Instrument :
MSVOA_U
ClientSampleId :
BH4F1

Tgt Ion: 84 Resp: 6555

Ion	Ratio	Lower	Upper
84	100		
86	59.0	43.4	80.6
49	131.5	87.7	162.9

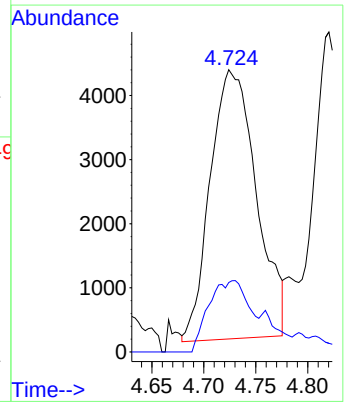


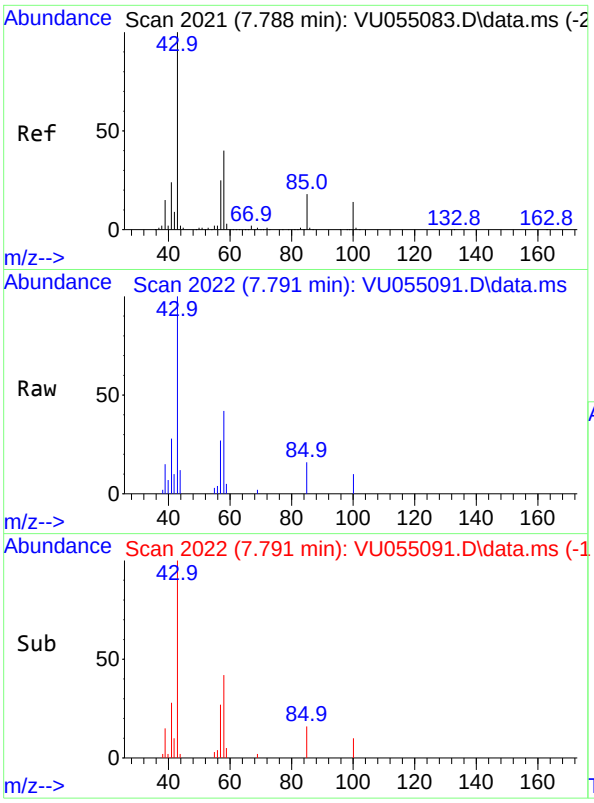


#21
2-Butanone
Concen: 5.906 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.019 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Tgt Ion: 43 Resp: 12984

Ion	Ratio	Lower	Upper
43	100		
72	23.3	13.5	40.5



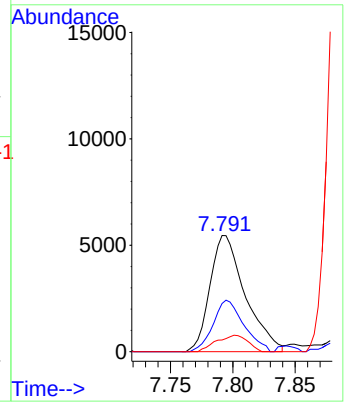


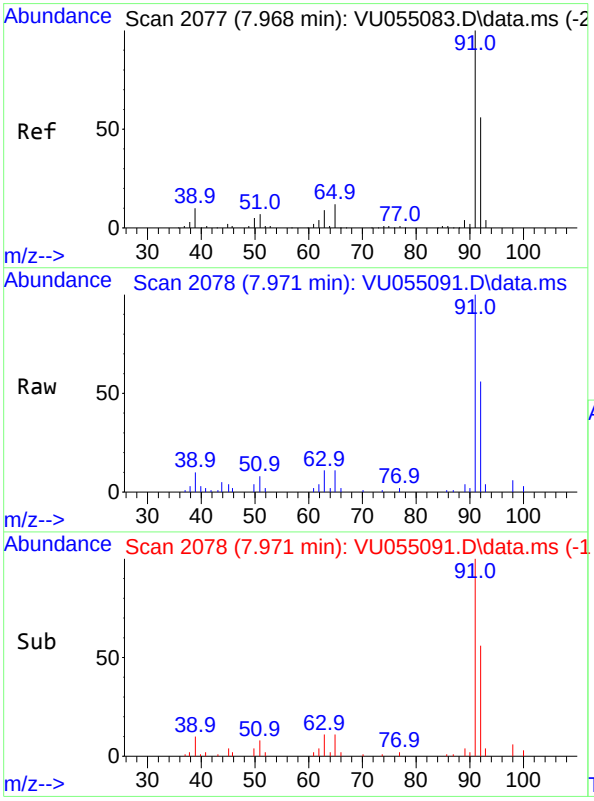
#40
4-Methyl-2-pentanone
Concen: 1.912 ug/L
RT: 7.791 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Instrument :
MSVOA_U
ClientSampleId :
BH4F1

Tgt Ion: 43 Resp: 10731

Ion	Ratio	Lower	Upper
43	100		
58	38.6	31.5	47.3
100	0.0	11.8	17.8#

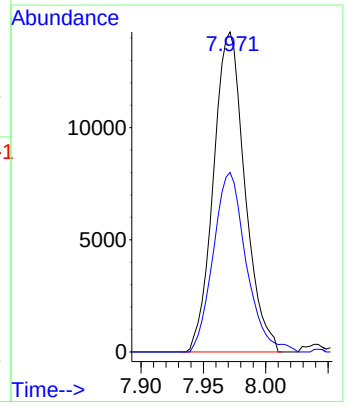


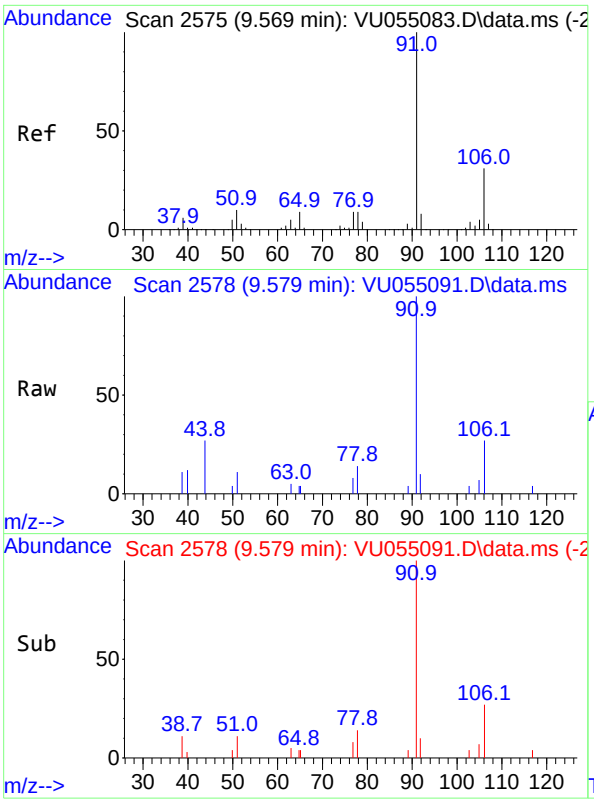


#42
Toluene
Concen: 0.649 ug/L
RT: 7.971 min Scan# 2078
Delta R.T. 0.003 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Tgt Ion: 91 Resp: 25019

Ion	Ratio	Lower	Upper
91	100		
92	56.1	41.9	77.9



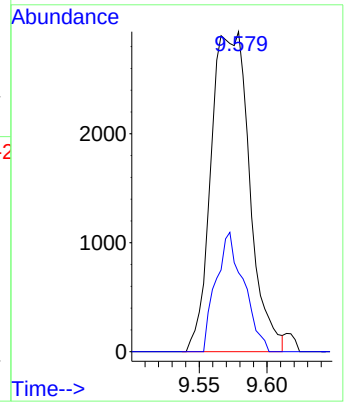


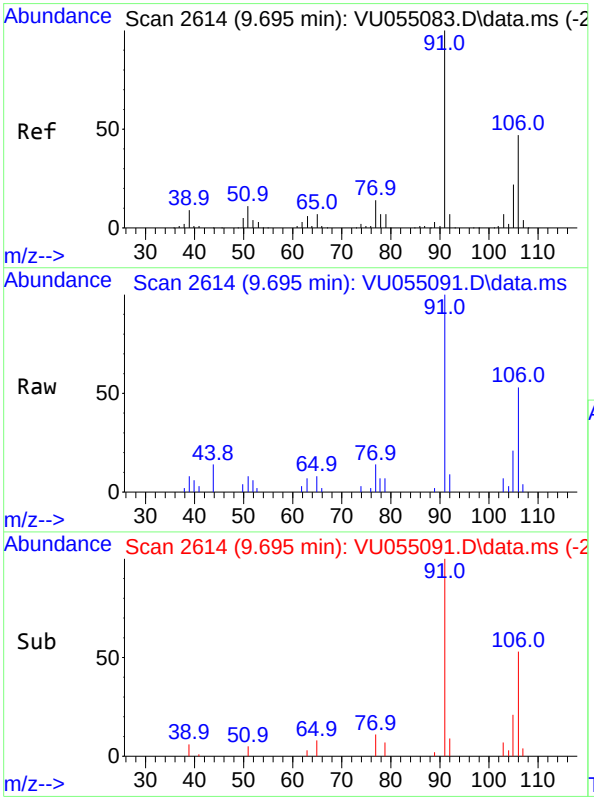
#52
Ethylbenzene
Concen: 0.134 ug/L
RT: 9.579 min Scan# 2
Delta R.T. 0.010 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Instrument :
MSVOA_U
ClientSampleId :
BH4F1

Tgt Ion: 91 Resp: 5760

Ion	Ratio	Lower	Upper
91	100		
106	24.7	21.5	39.9

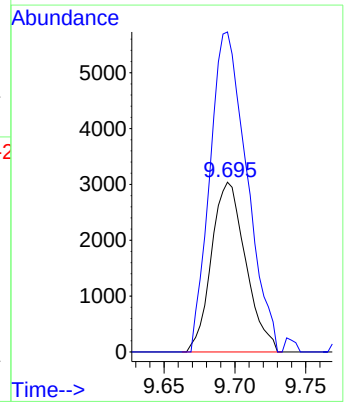


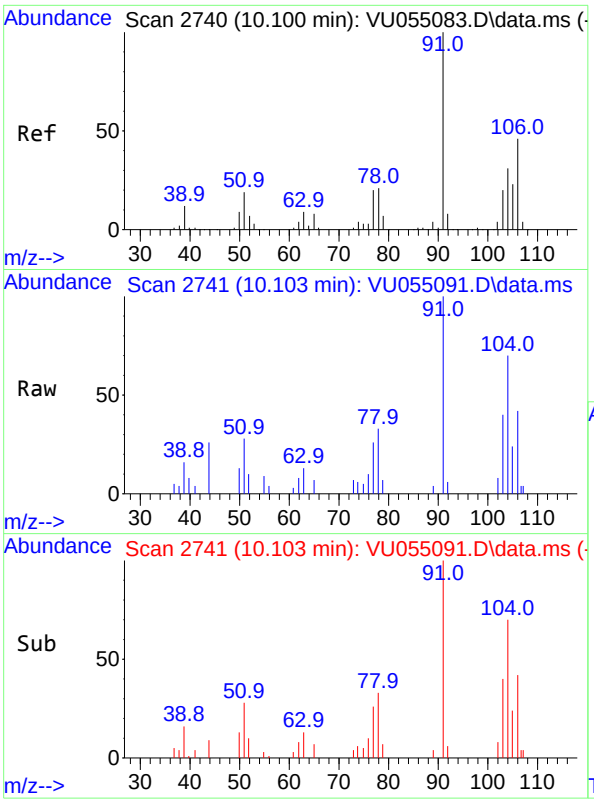


#53
m,p-Xylene
Concen: 0.320 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. -0.000 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Tgt Ion:106 Resp: 5106

Ion	Ratio	Lower	Upper
106	100		
91	188.4	148.3	275.5



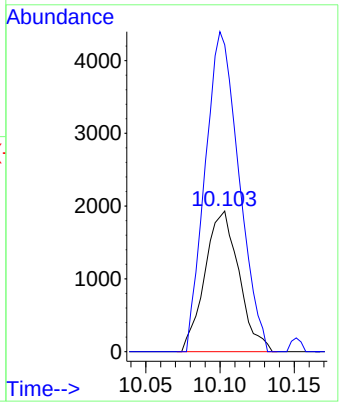


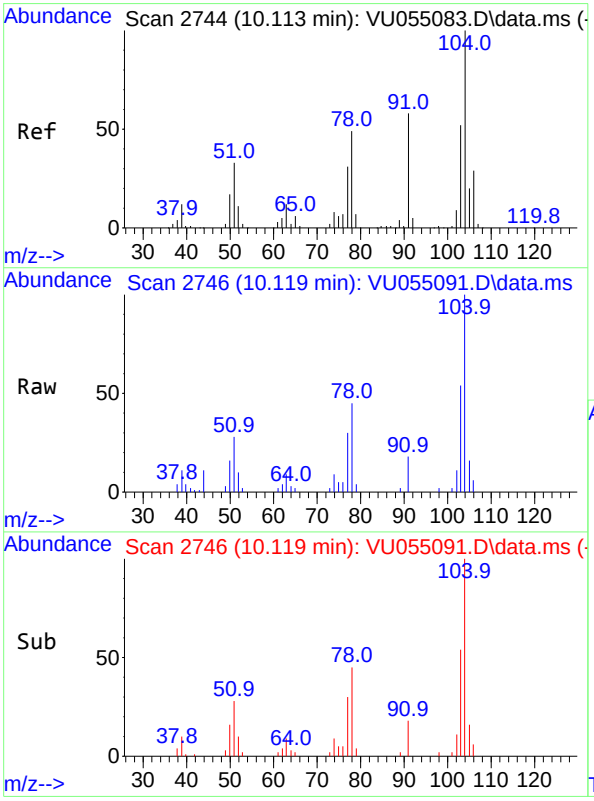
#54
o-Xylene
Concen: 0.196 ug/L
RT: 10.103 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Instrument :
MSVOA_U
ClientSampleId :
BH4F1

Tgt Ion:106 Resp: 3080

Ion	Ratio	Lower	Upper
106	100		
91	218.2	152.9	284.1





#55
Styrene
Concen: 0.522 ug/L
RT: 10.119 min Scan# 2746
Delta R.T. 0.006 min
Lab File: VU055091.D
Acq: 05 Sep 2023 14:00

Tgt Ion:104 Resp: 13536

Ion	Ratio	Lower	Upper
104	100		
78	44.5	32.8	61.0