Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
Data File : VU055135.D
Acq On : 06 Sep 2023 13:09
Operator : MD/SY
Sample : 04267-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4F1

Quant Time: Sep 06 20:40:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177493	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	183650	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	92254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34769	4.180	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.600%			
7) Chloroethane-d5	1.908	69	42743	4.439	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.800%			
11) 1,1-Dichloroethene-d2	2.563	65	20939	4.418	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.400%			
20) 2-Butanone-d5	4.628	46	132586	54.923	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.840%			
24) Chloroform-d	5.062	84	104942	4.754	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.000%			
26) 1,2-Dichloroethane-d4	5.702	65	55011	4.981	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.600%			
32) Benzene-d6	5.724	84	206439	4.554	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
36) 1,2-Dichloropropane-d6	6.692	67	69152	4.796	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.000%			
41) Toluene-d8	7.898	98	178606	4.277	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.600%			
43) trans-1,3-Dichloroprop...	8.181	79	17107	4.308	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.200%			
46) 2-Hexanone-d5	8.634	63	76663	47.558	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.120%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50822	5.012	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.200%			
66) 1,2-Dichlorobenzene-d4	12.193	152	64474	4.788	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.800%			
Target Compounds						Qvalue
13) Acetone	2.631	43	76065	47.013	ug/L	99
15) Methyl Acetate	2.953	43	26721	8.069	ug/L	96
16) Methylene chloride	3.043	84	6006	0.479	ug/L	93
21) 2-Butanone	4.727	43	14403	6.059	ug/L	85
40) 4-Methyl-2-pentanone	7.795	43	9848	1.622	ug/L #	87
42) Toluene	7.972	91	21550	0.517	ug/L	100
53) m,p-Xylene	9.698	106	4665	0.270	ug/L	92
54) o-Xylene	10.103	106	2704	0.159	ug/L	92
55) Styrene	10.119	104	10599	0.378	ug/L	96

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

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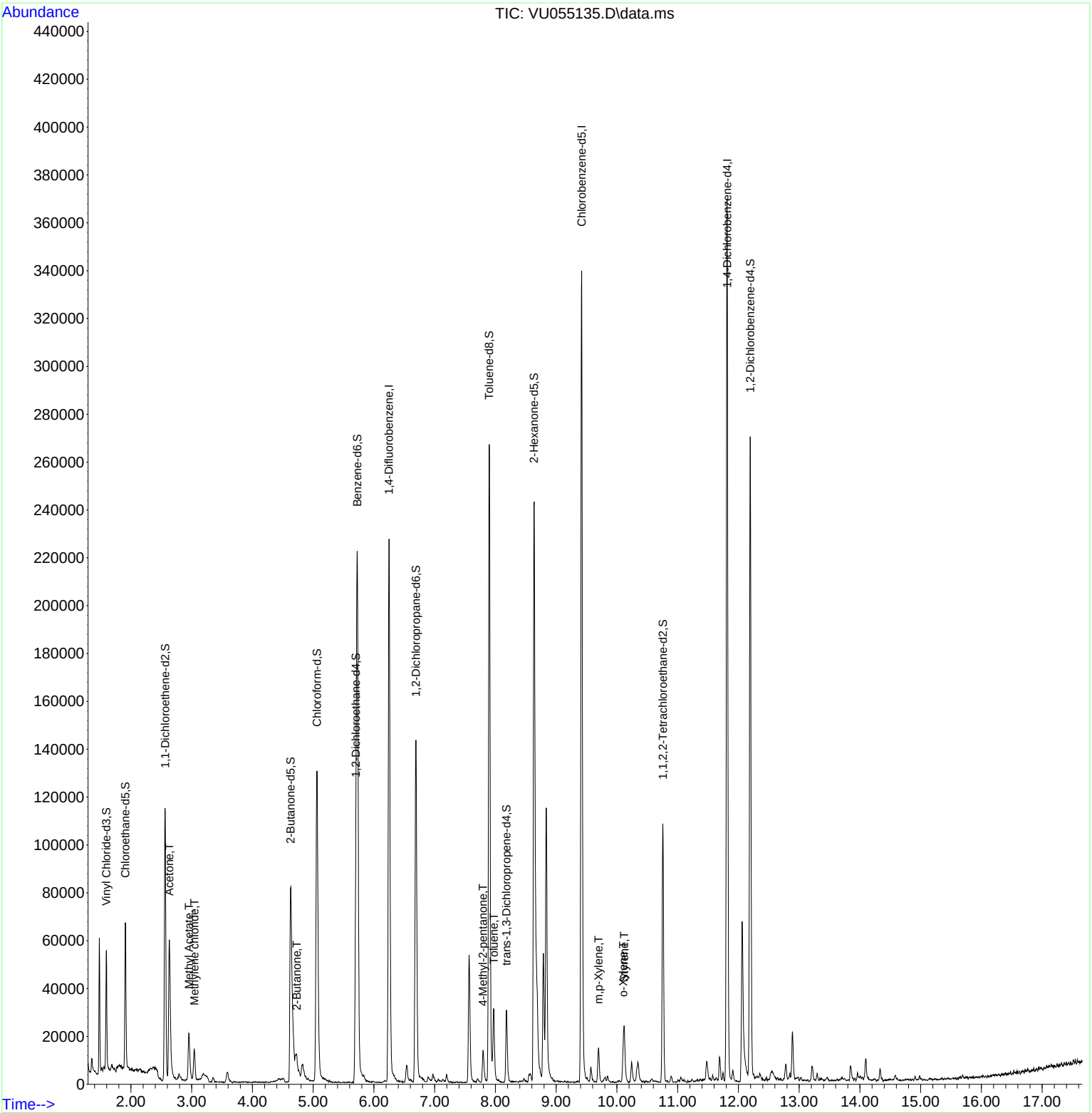
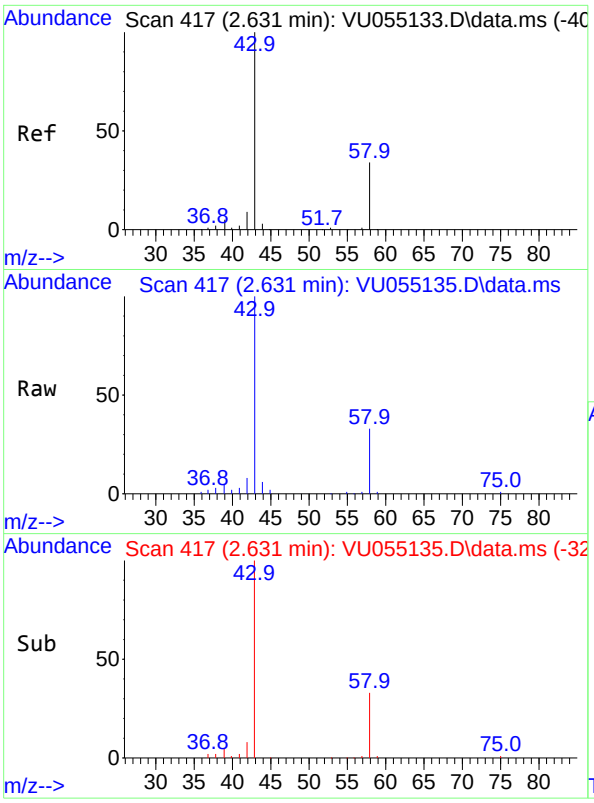


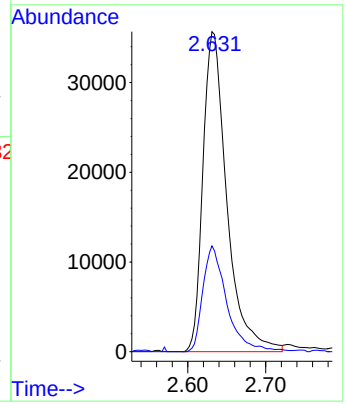


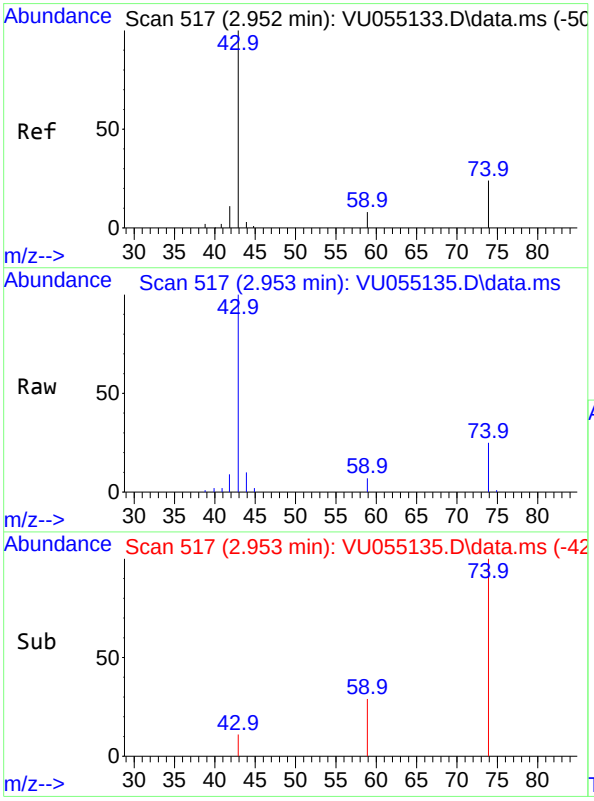
#13
Acetone
Concen: 47.013 ug/L
RT: 2.631 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

Instrument :
MSVOA_U
ClientSampleId :
BH4F1

Tgt Ion: 43 Resp: 76065

Ion	Ratio	Lower	Upper
43	100		
58	33.1	0.0	67.8

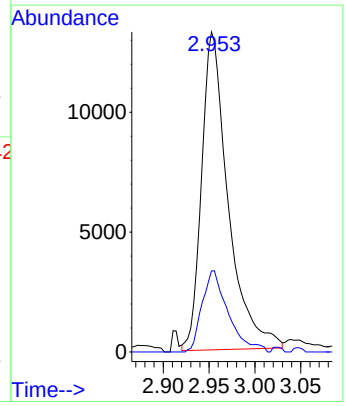


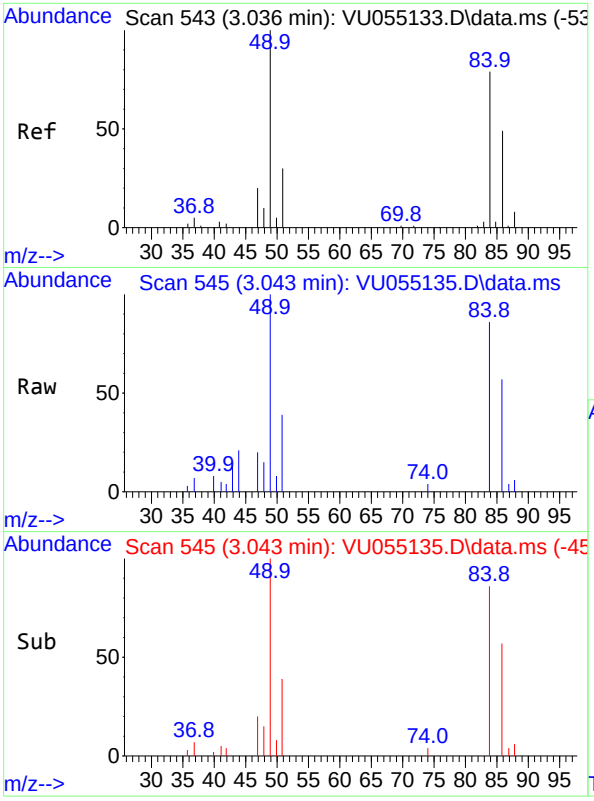


#15
Methyl Acetate
Concen: 8.069 ug/L
RT: 2.953 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

Tgt Ion: 43 Resp: 26721

Ion	Ratio	Lower	Upper
43	100		
74	25.1	18.4	27.6



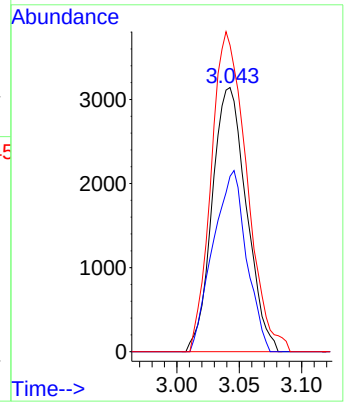


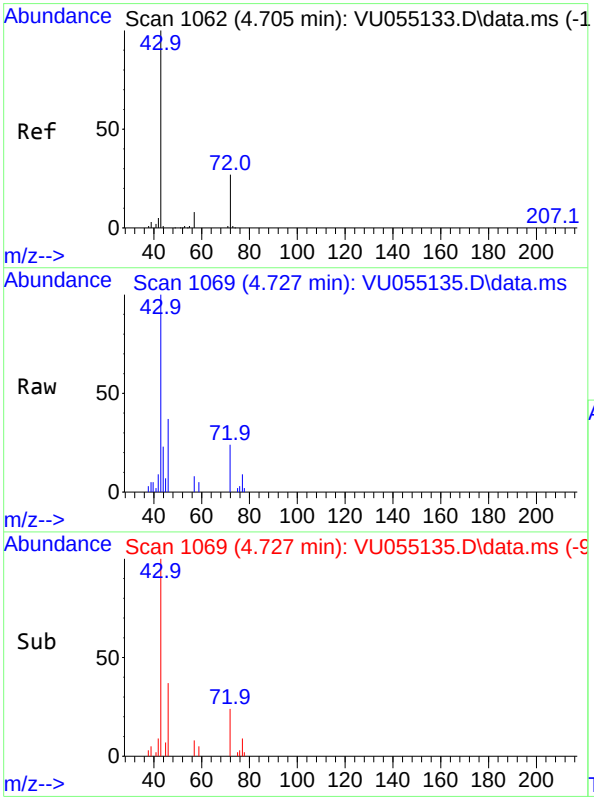
#16
Methylene chloride
Concen: 0.479 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

Instrument :
MSVOA_U
ClientSampleId :
BH4F1

Tgt Ion: 84 Resp: 6006

Ion	Ratio	Lower	Upper
84	100		
86	66.4	43.4	80.6
49	116.0	87.7	162.9

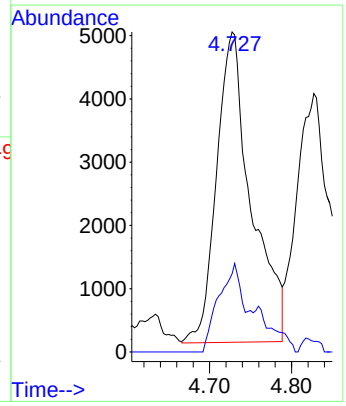


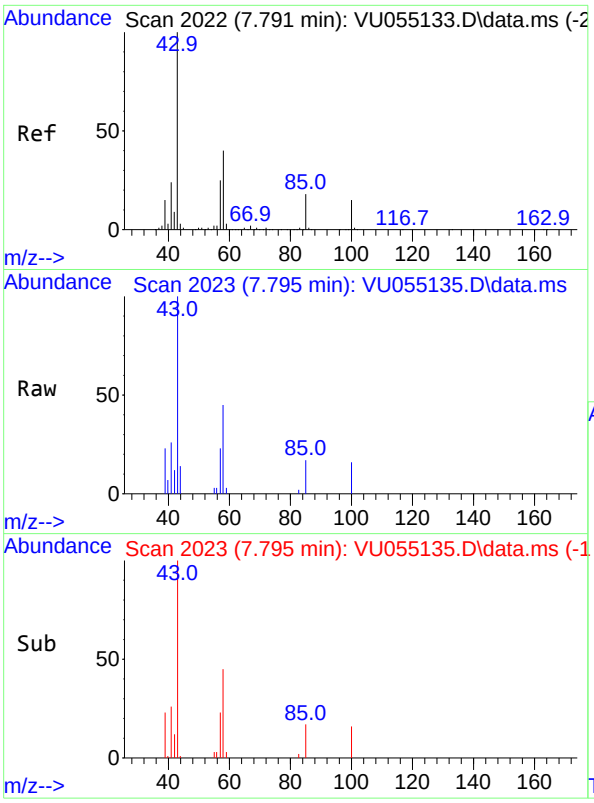


#21
2-Butanone
Concen: 6.059 ug/L
RT: 4.727 min Scan# 1069
Delta R.T. 0.023 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

Tgt Ion: 43 Resp: 14403

Ion	Ratio	Lower	Upper
43	100		
72	19.4	13.5	40.5



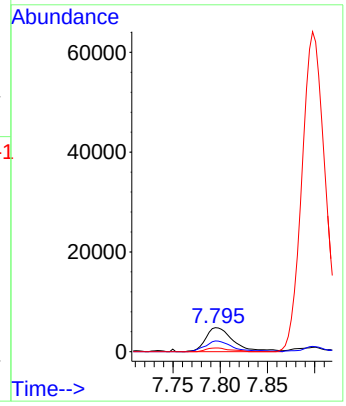


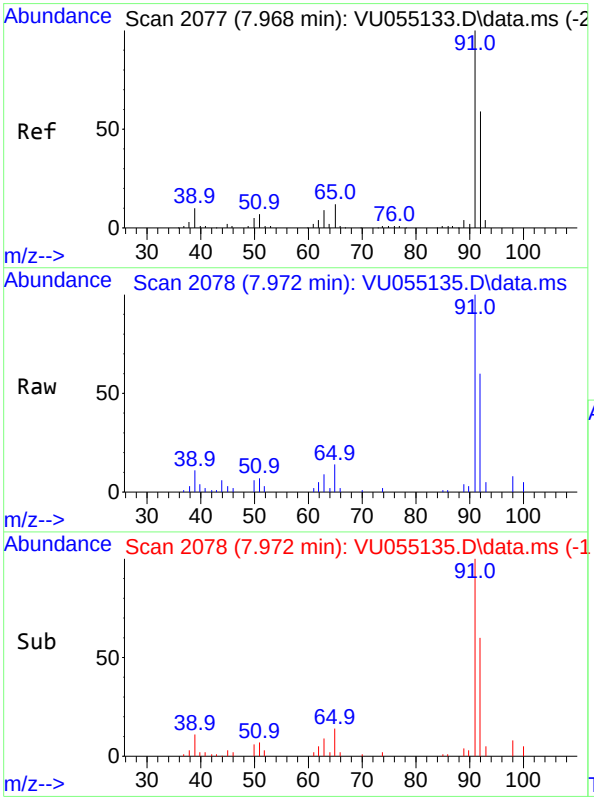
#40
4-Methyl-2-pentanone
Concen: 1.622 ug/L
RT: 7.795 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

Instrument :
MSVOA_U
ClientSampleId :
BH4F1

Tgt Ion: 43 Resp: 9848

Ion	Ratio	Lower	Upper
43	100		
58	42.1	31.5	47.3
100	0.0	11.8	17.8#

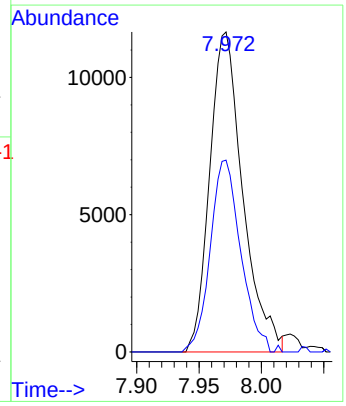


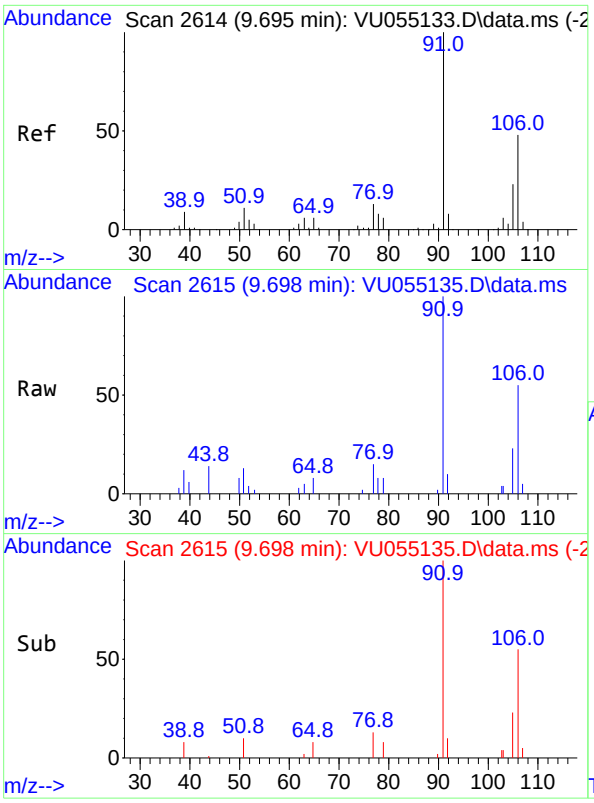


#42
Toluene
Concen: 0.517 ug/L
RT: 7.972 min Scan# 2078
Delta R.T. 0.003 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

Tgt Ion: 91 Resp: 21550

Ion	Ratio	Lower	Upper
91	100		
92	60.0	41.9	77.9



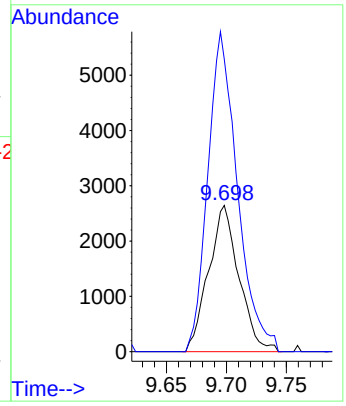


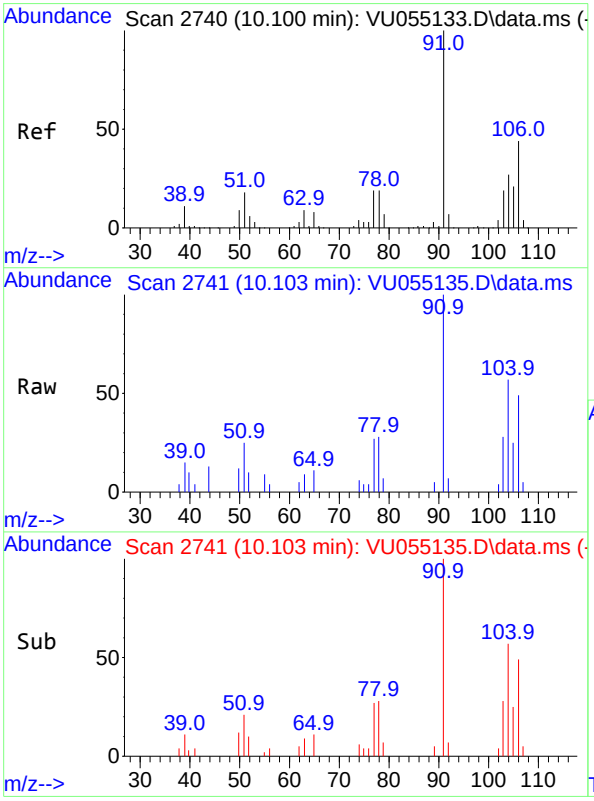
#53
m,p-Xylene
Concen: 0.270 ug/L
RT: 9.698 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

Instrument :
MSVOA_U
ClientSampleId :
BH4F1

Tgt Ion:106 Resp: 4665

Ion	Ratio	Lower	Upper
106	100		
91	200.0	148.3	275.5

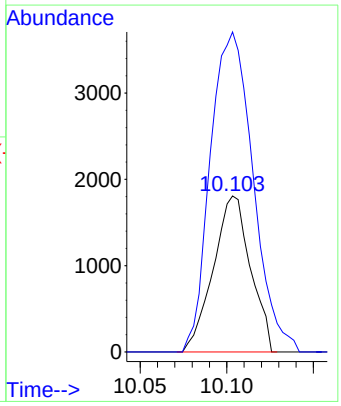


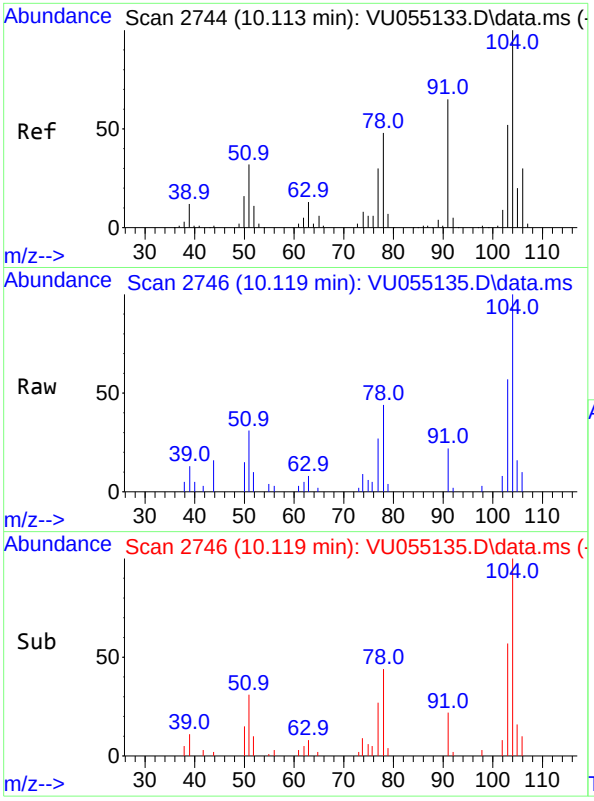


#54
o-Xylene
Concen: 0.159 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.003 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

Tgt Ion:106 Resp: 2704

Ion	Ratio	Lower	Upper
106	100		
91	205.2	152.9	284.1





#55
Styrene
Concen: 0.378 ug/L
RT: 10.119 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

Instrument :
MSVOA_U
ClientSampleId :
BH4F1

Tgt Ion:104 Resp: 10599

Ion	Ratio	Lower	Upper
104	100		
78	44.1	32.8	61.0