Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061112.D
Acq On : 11 Oct 2024 12:35
Operator : MD/SY
Sample : P4380-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E27H7

Quant Time: Oct 14 04:18:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 11 06:46:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162565	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	149361	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42194	3.630	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.600%			
7) Chloroethane-d5	1.908	69	38080	4.377	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.600%			
11) 1,1-Dichloroethene-d2	2.560	65	19562	3.815	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.400%			
20) 2-Butanone-d5	4.634	46	110363	39.641	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.280%			
24) Chloroform-d	5.052	84	95317	4.653	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
26) 1,2-Dichloroethane-d4	5.695	65	48881	4.502	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.000%			
32) Benzene-d6	5.718	84	183104	4.649	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
36) 1,2-Dichloropropane-d6	6.682	67	62910	4.864	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.891	98	167349	4.546	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.000%			
43) trans-1,3-Dichloroprop...	8.174	79	23483	4.246	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.000%			
46) 2-Hexanone-d5	8.624	63	111498	48.712	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.420%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46574	4.910	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.200%			
66) 1,2-Dichlorobenzene-d4	12.184	152	60614	5.059	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	3405	0.296	ug/L #	37
13) Acetone	2.647	43	133375	74.491	ug/L	98
14) Carbon disulfide	2.785	76	16395	0.514	ug/L	98
21) 2-Butanone	4.721	43	28153	9.551	ug/L	97
30) Cyclohexane	5.377	56	1591	0.083	ug/L #	62
33) Benzene	5.766	78	260098	5.907	ug/L	100
35) Methylcyclohexane	6.750	83	1999	0.104	ug/L #	82
42) Toluene	7.962	91	197411	4.208	ug/L	98
52) Ethylbenzene	9.566	91	17536	0.330	ug/L	97
53) m,p-Xylene	9.685	106	46971	2.422	ug/L	91
54) o-Xylene	10.094	106	28318	1.484	ug/L	95
60) Isopropylbenzene	10.480	105	3635	0.073	ug/L	93
62) 1,3,5-Trimethylbenzene	11.081	105	29073	0.658	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	54503	1.223	ug/L	96

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

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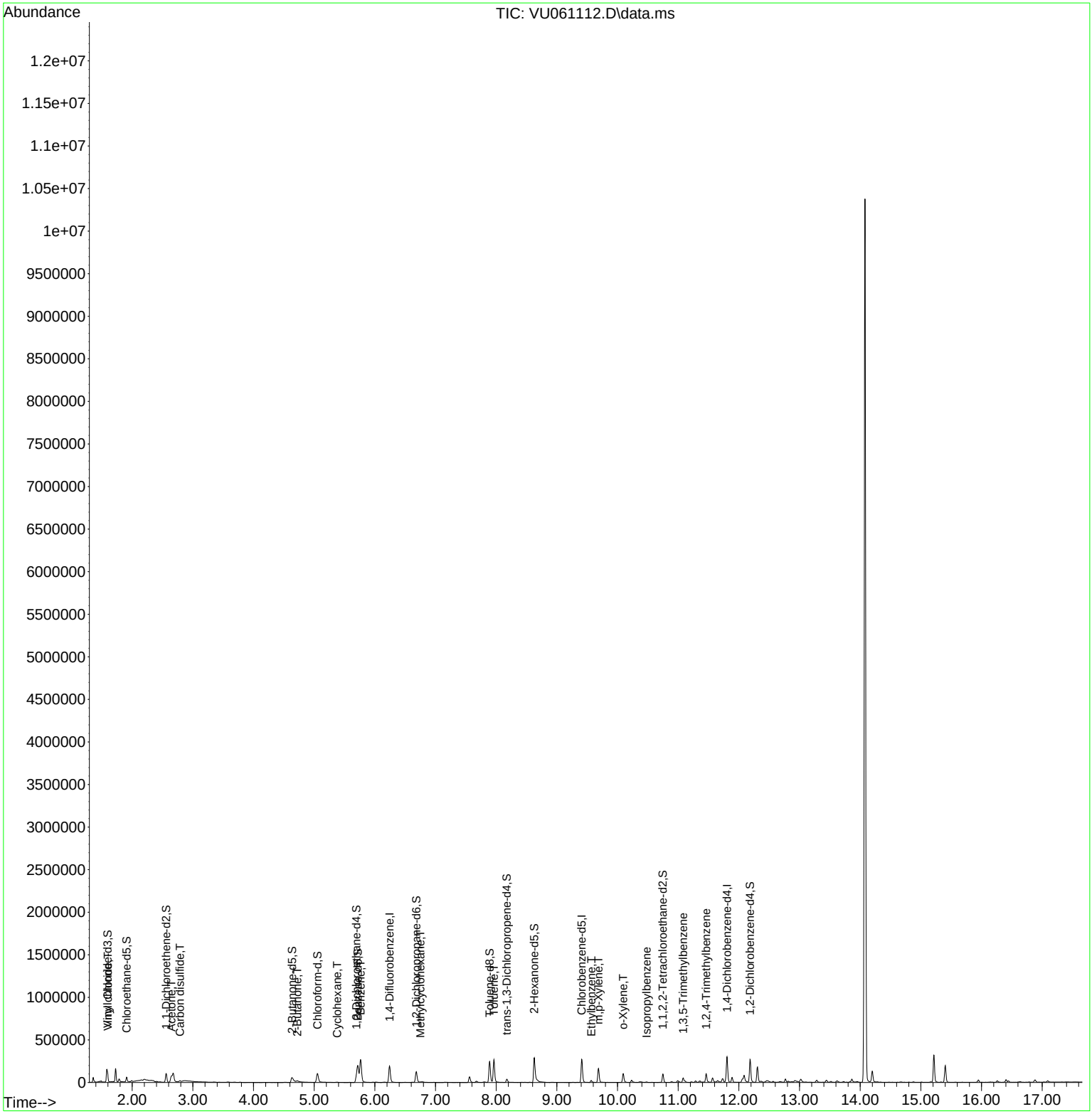
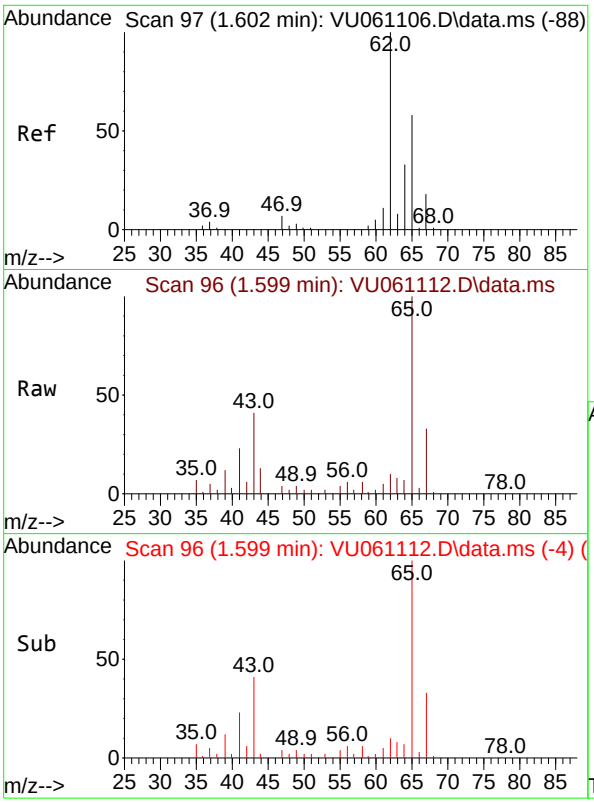
E27H7

Quant Time: Oct 14 04:18:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 11 06:46:55 2024
Response via : Initial Calibration



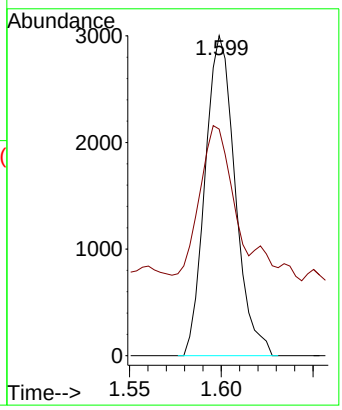


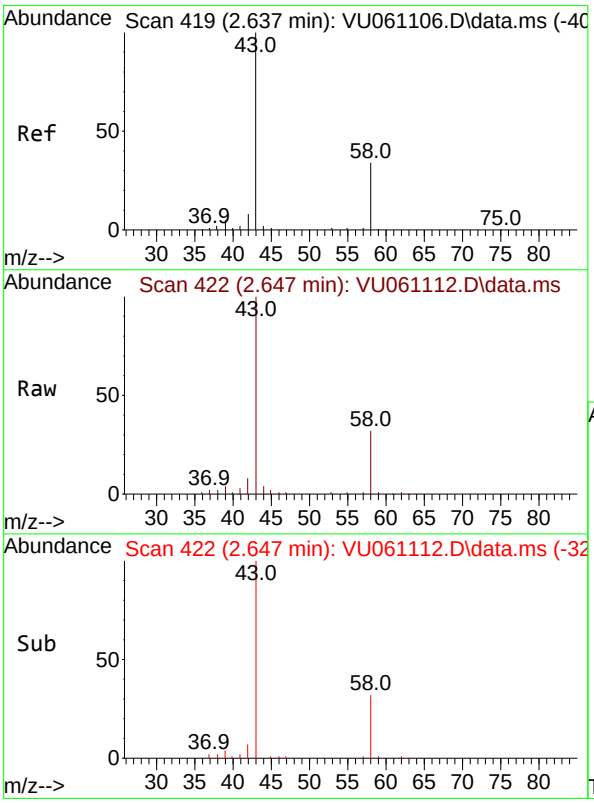
#5
Vinyl chloride
Concen: 0.296 ug/L
RT: 1.599 min Scan# 9
Delta R.T. -0.003 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :
E27H7

Tgt Ion: 62 Resp: 3405

Ion	Ratio	Lower	Upper
62	100		
64	70.8	24.0	44.6#

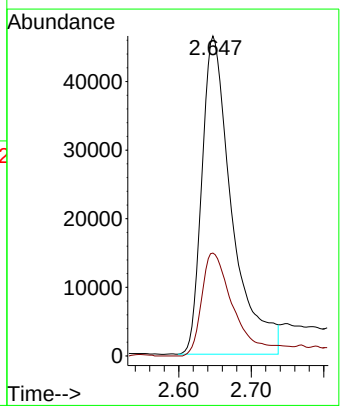


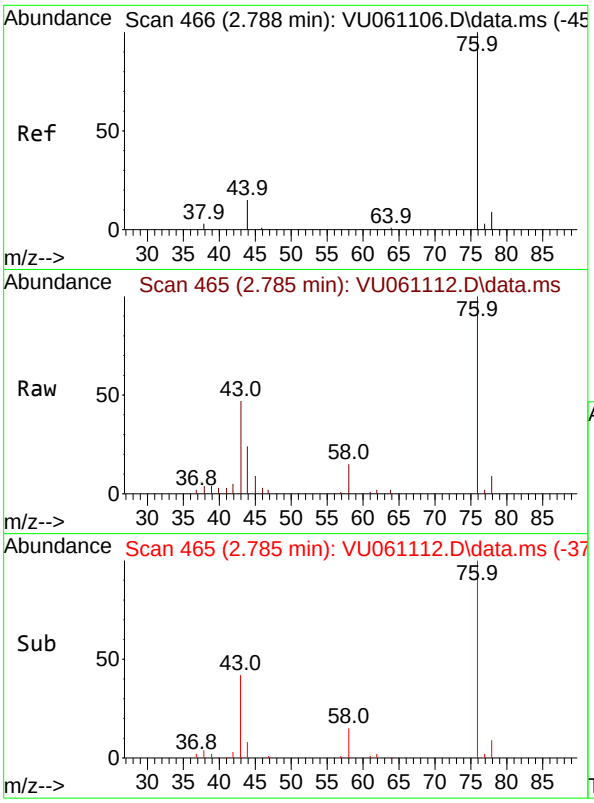


#13
Acetone
Concen: 74.491 ug/L
RT: 2.647 min Scan# 422
Delta R.T. 0.013 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Tgt Ion: 43 Resp: 133375

Ion	Ratio	Lower	Upper
43	100		
58	35.9	0.0	69.6



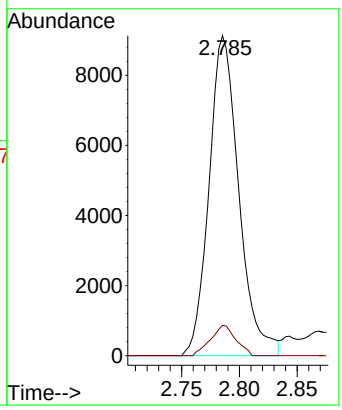


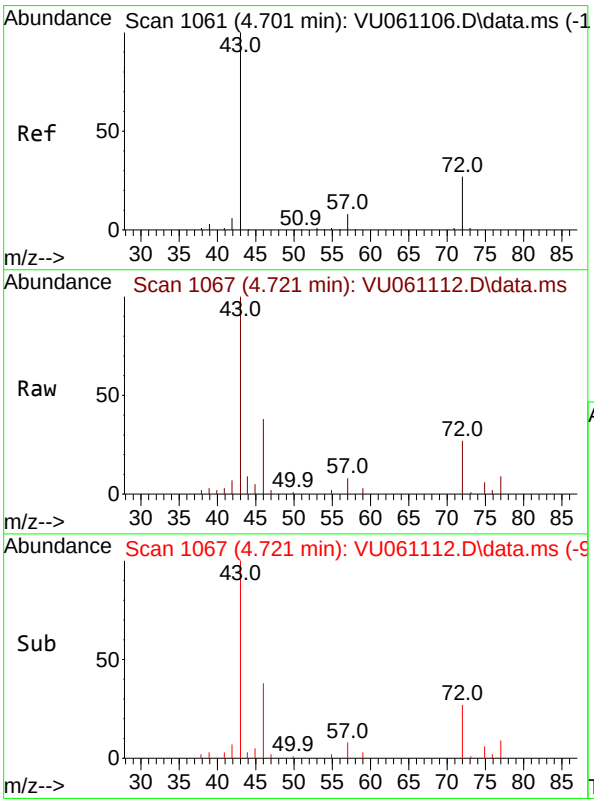
#14
Carbon disulfide
Concen: 0.514 ug/L
RT: 2.785 min Scan# 4
Delta R.T. -0.003 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :
E27H7

Tgt Ion: 76 Resp: 16395

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

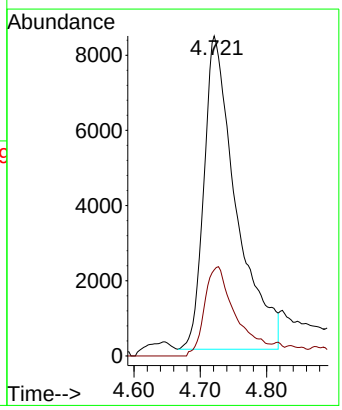


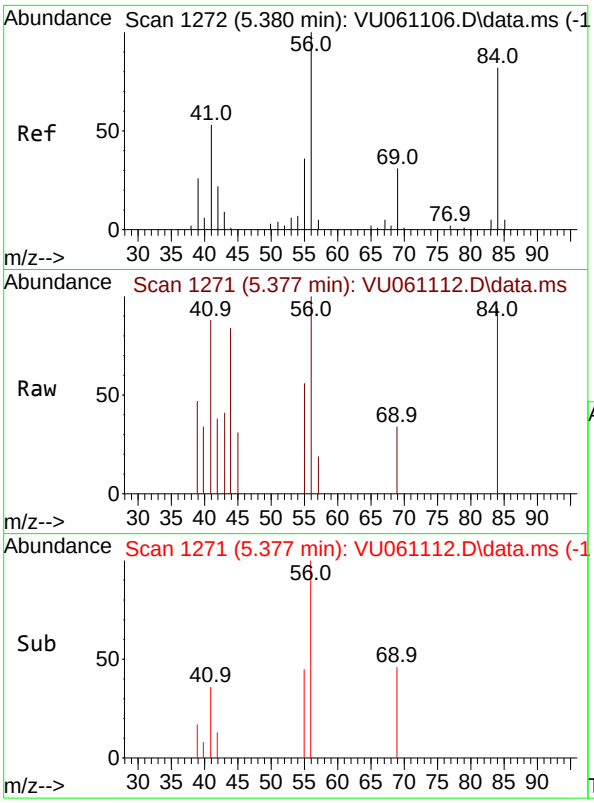


#21
2-Butanone
Concen: 9.551 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.019 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Tgt Ion: 43 Resp: 28153

Ion	Ratio	Lower	Upper
43	100		
72	27.9	14.8	44.3



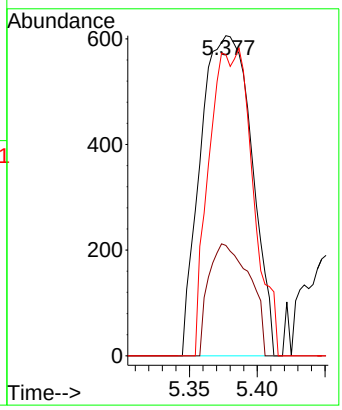


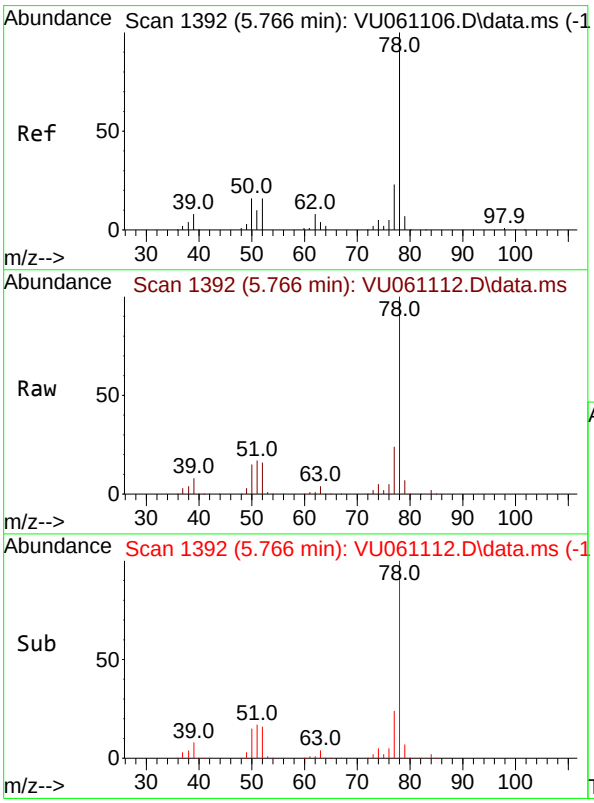
#30
Cyclohexane
Concen: 0.083 ug/L
RT: 5.377 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :
E27H7

Tgt Ion: 56 Resp: 1591

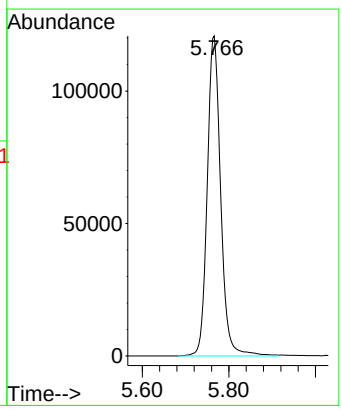
Ion	Ratio	Lower	Upper
56	100		
69	28.0	25.4	38.0
84	42.3	71.0	106.6#

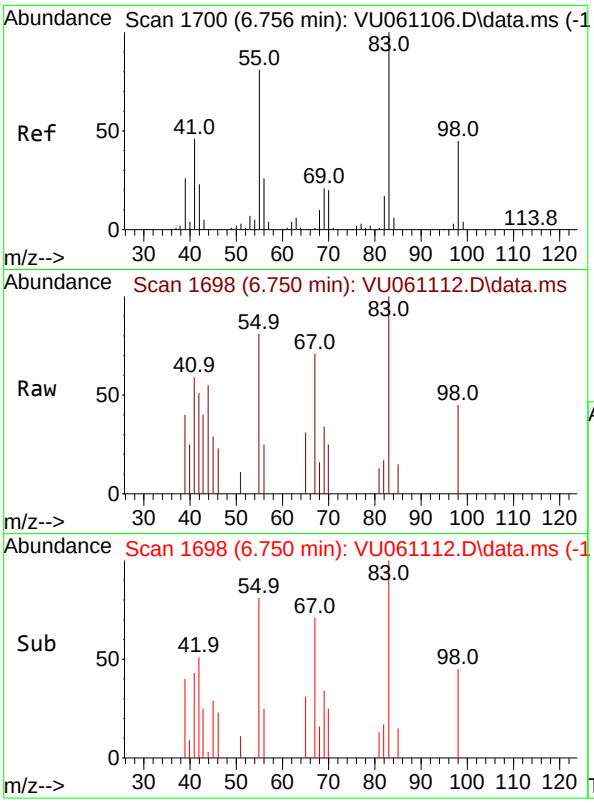




#33
Benzene
Concen: 5.907 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Tgt Ion: 78 Resp: 260098



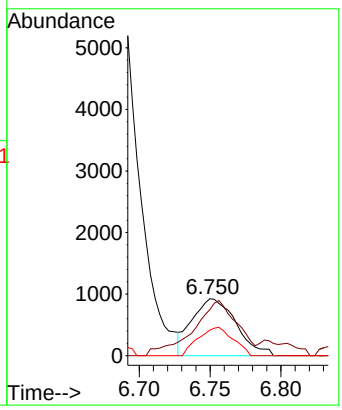


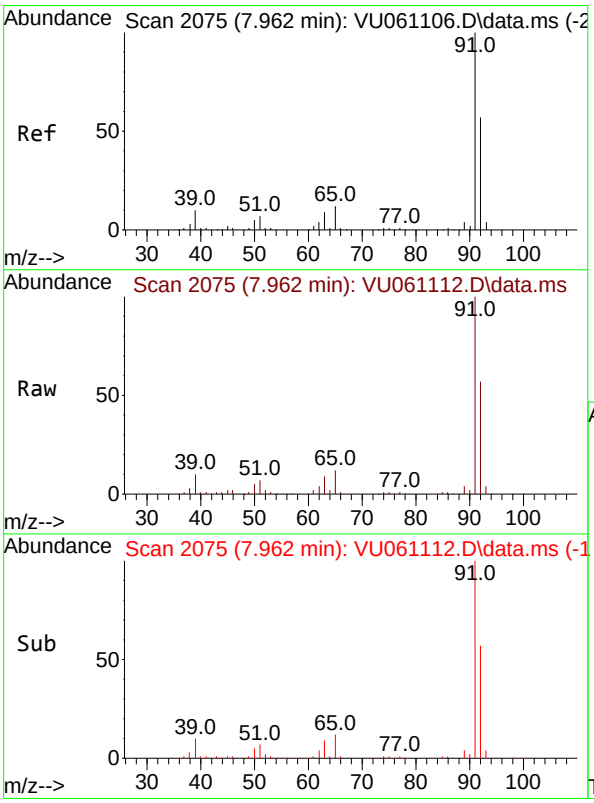
#35
Methylcyclohexane
Concen: 0.104 ug/L
RT: 6.750 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :
E27H7

Tgt Ion: 83 Resp: 1999

Ion	Ratio	Lower	Upper
83	100		
55	96.7	62.6	94.0#
98	39.2	37.6	56.4

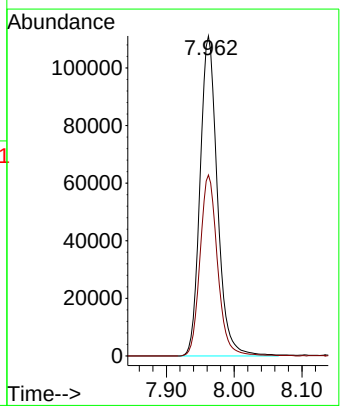


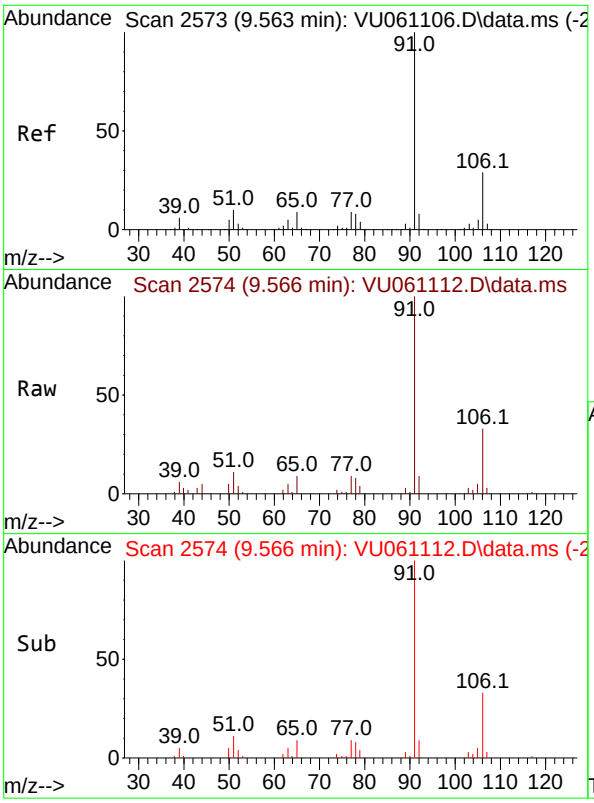


#42
Toluene
Concen: 4.208 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Tgt Ion: 91 Resp: 197411

Ion	Ratio	Lower	Upper
91	100		
92	56.5	40.5	75.3



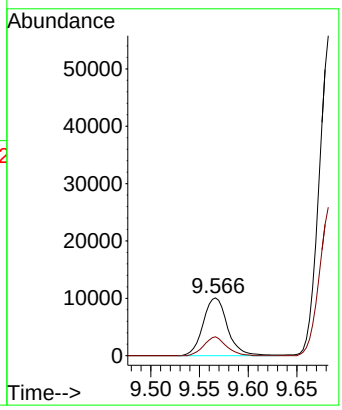


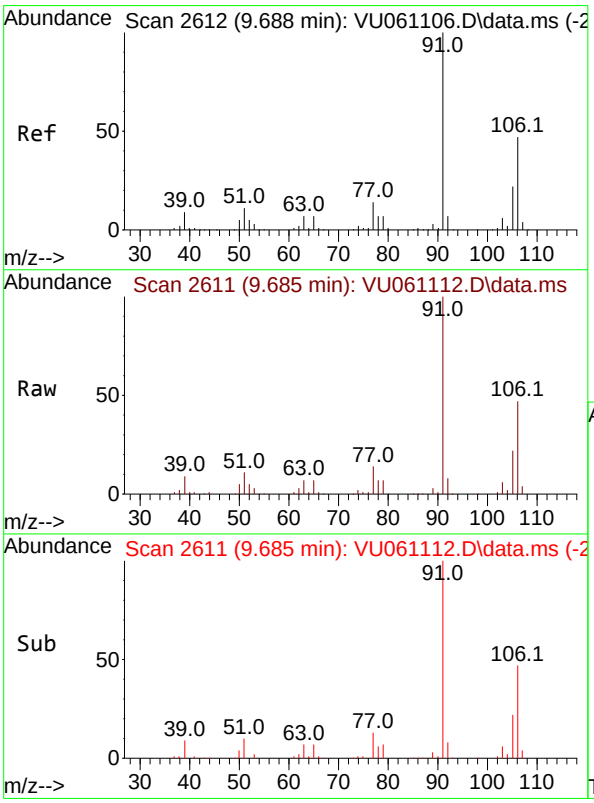
#52
Ethylbenzene
Concen: 0.330 ug/L
RT: 9.566 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :
E27H7

Tgt Ion: 91 Resp: 17536

Ion	Ratio	Lower	Upper
91	100		
106	32.8	21.8	40.6

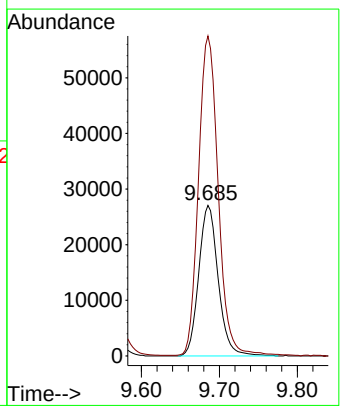


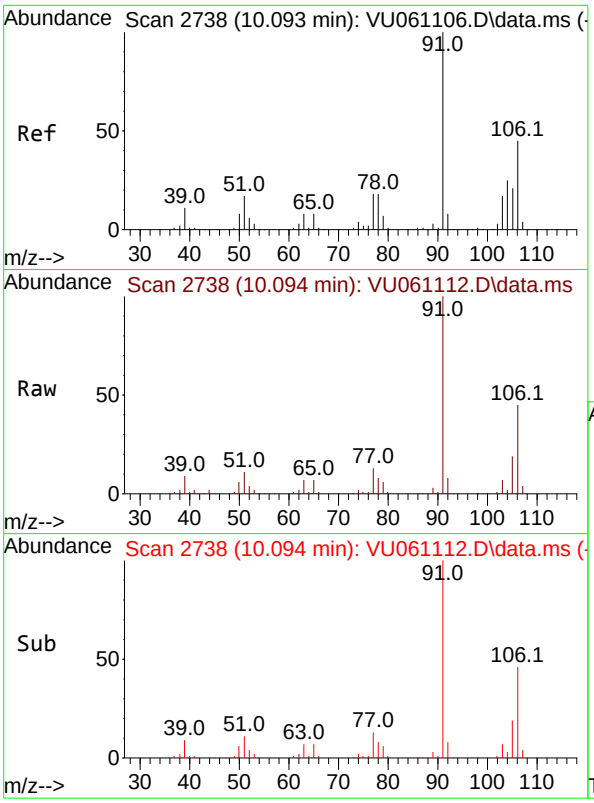


#53
m,p-Xylene
Concen: 2.422 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Tgt Ion:106 Resp: 46971

Ion	Ratio	Lower	Upper
106	100		
91	212.4	139.7	259.4



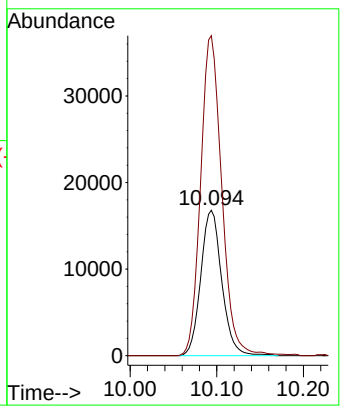


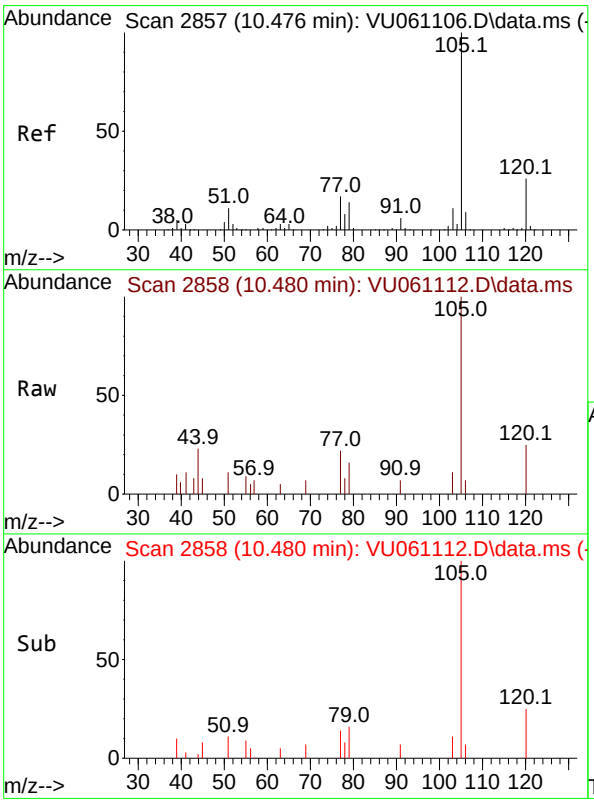
#54
o-Xylene
Concen: 1.484 ug/L
RT: 10.094 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :
E27H7

Tgt Ion:106 Resp: 28318

Ion	Ratio	Lower	Upper
106	100		
91	220.0	148.6	276.0

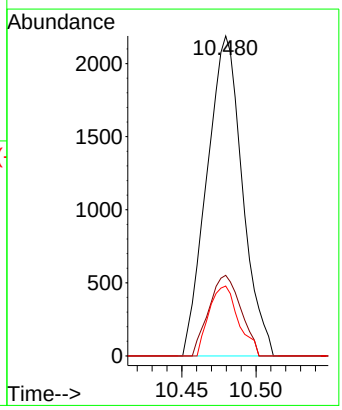


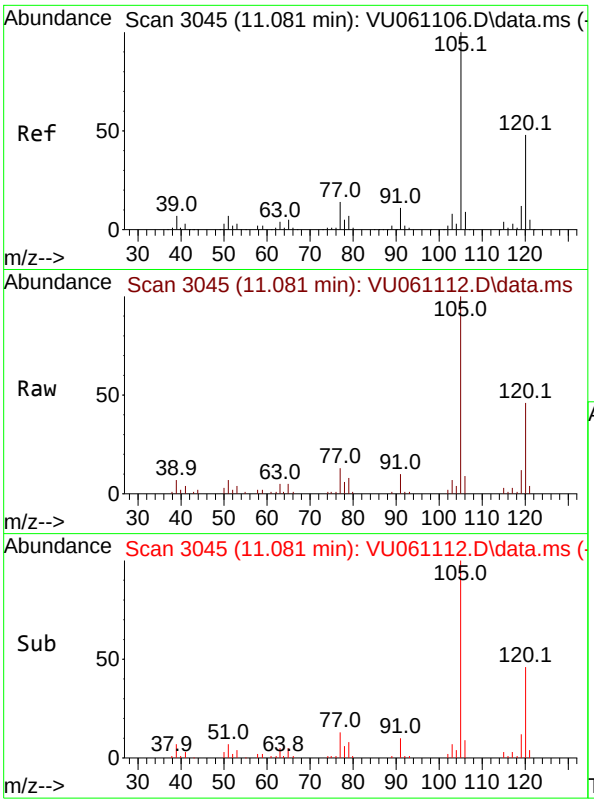


#60
Isopropylbenzene
Concen: 0.073 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Tgt Ion:105 Resp: 3635

Ion	Ratio	Lower	Upper
105	100		
120	22.8	21.5	32.3
77	18.1	12.6	18.8



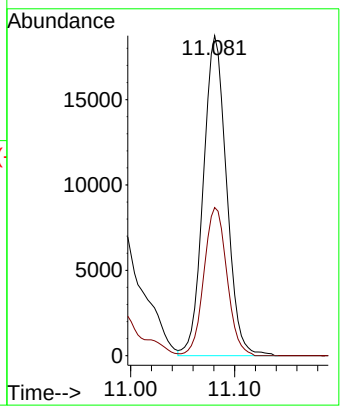


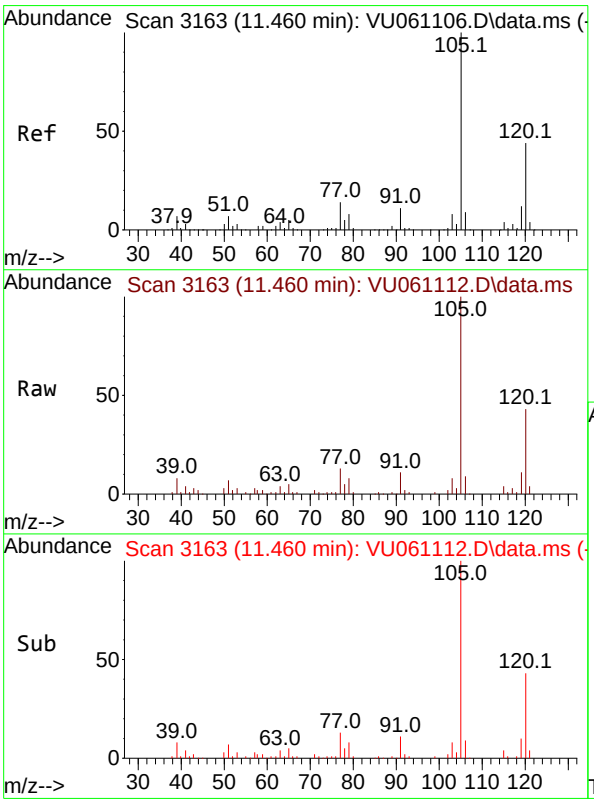
#62
1,3,5-Trimethylbenzene
Concen: 0.658 ug/L
RT: 11.081 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :
E27H7

Tgt Ion:105 Resp: 29073

Ion	Ratio	Lower	Upper
105	100		
120	45.9	38.5	57.7





#63
1,2,4-Trimethylbenzene
Concen: 1.223 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061112.D
Acq: 11 Oct 2024 12:35

Tgt Ion:105 Resp: 54503

Ion	Ratio	Lower	Upper
105	100		
120	42.4	36.1	54.1