Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102620\
Data File : VU040948.D
Acq On : 26 Oct 2020 16:47
Operator : SY/MD
Sample : L4492-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM9

Manual Integrations APPROVED
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10/27/2020 3:11:41 PM

Quant Time: Oct 27 04:23:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 27 03:00:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	57104	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57158	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26910	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	14352	2.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 59.80%			
7) Chloroethane-d5	1.92	69	14706	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	2.58	63	23849	2.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 50.60%#			
20) 2-Butanone-d5	4.67	46	85074	53.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.70%			
24) Chloroform-d	5.08	84	38047	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.72	65	23021	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
32) Benzene-d6	5.74	84	62622	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.00%			
36) 1,2-Dichloropropane-d6	6.70	67	22791	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.91	98	48737	3.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.40%			
43) trans-1,3-Dichloropropene-	8.19	79	8564	3.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.40%			
46) 2-Hexanone-d5	8.64	63	62419	53.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.48%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22609	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	22057	4.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	693	0.127	ug/L	96
13) Acetone	2.70	43	11135m	10.309	ug/L	
14) Carbon disulfide	2.81	76	6150	0.456	ug/L	97
15) Methyl Acetate	2.97	43	11614	4.699	ug/L #	79
30) Cyclohexane	5.41	56	594	0.086	ug/L #	88
33) Benzene	5.79	78	7725	0.452	ug/L	100
42) Toluene	7.98	91	8150	0.471	ug/L	100
48) 2-Hexanone	8.69	43	3894	1.404	ug/L #	85
52) Ethylbenzene	9.57	91	1972	0.108	ug/L	96
53) m,p-Xylene	9.69	106	1792	0.270	ug/L	95
54) o-Xylene	10.10	106	1291	0.209	ug/L	85

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

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Instrument :
MSVOA_U
ClientSampleId :
C0AM9

Manual Integrations APPROVED
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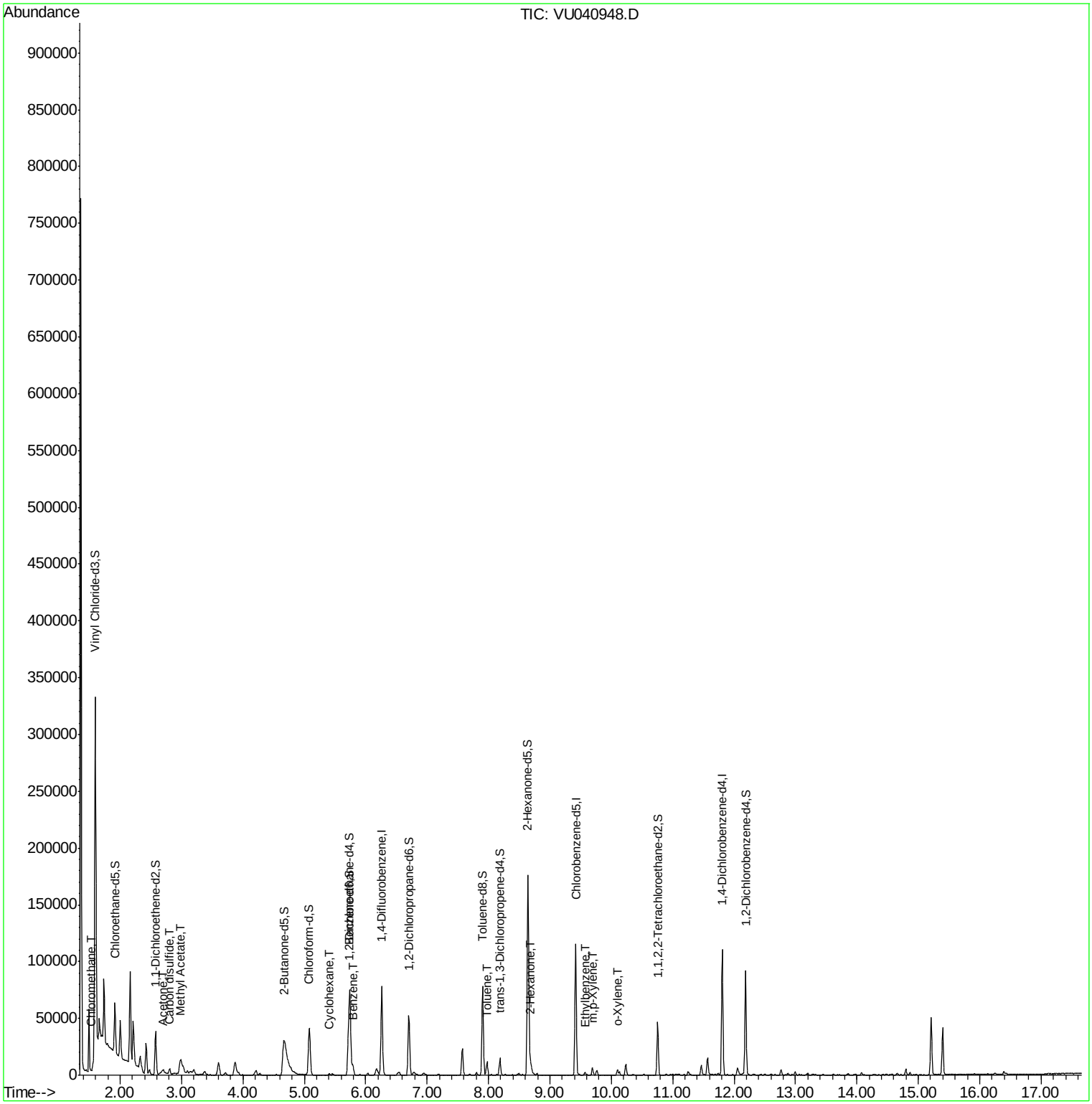
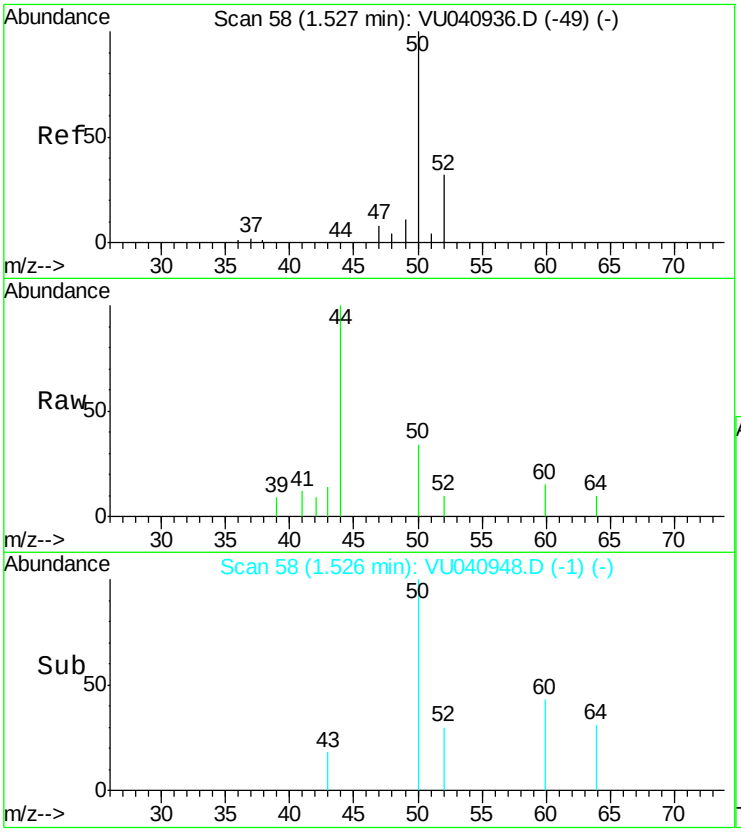
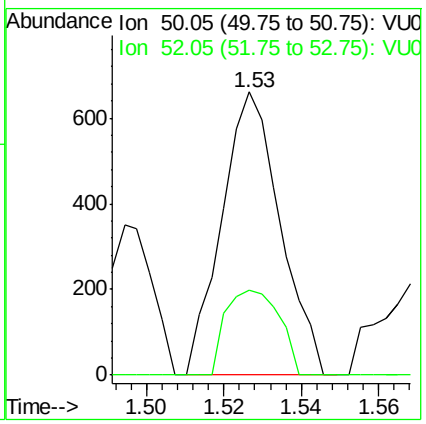




#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040948.D
Acq: 26 Oct 2020 16:47

Tgt Ion: 50 Resp: 693

Ion	Ratio	Lower	Upper
50	100		
52	29.8	22.4	41.6



Instrument :
MSVOA_U
ClientSampleId :
C0AM9

Manual Integrations APPROVED
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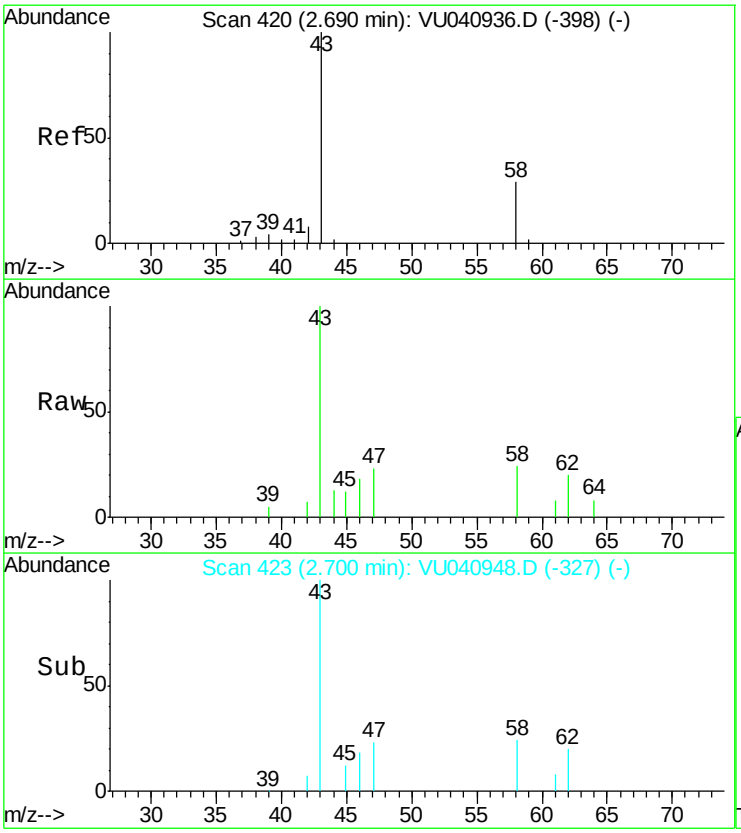
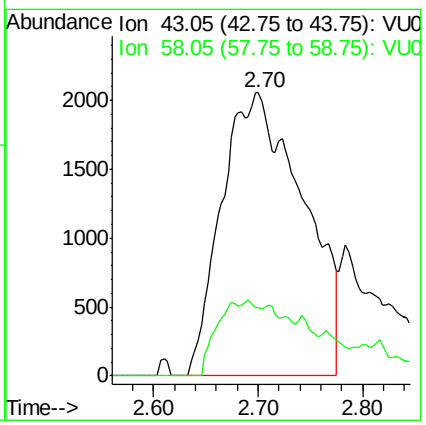
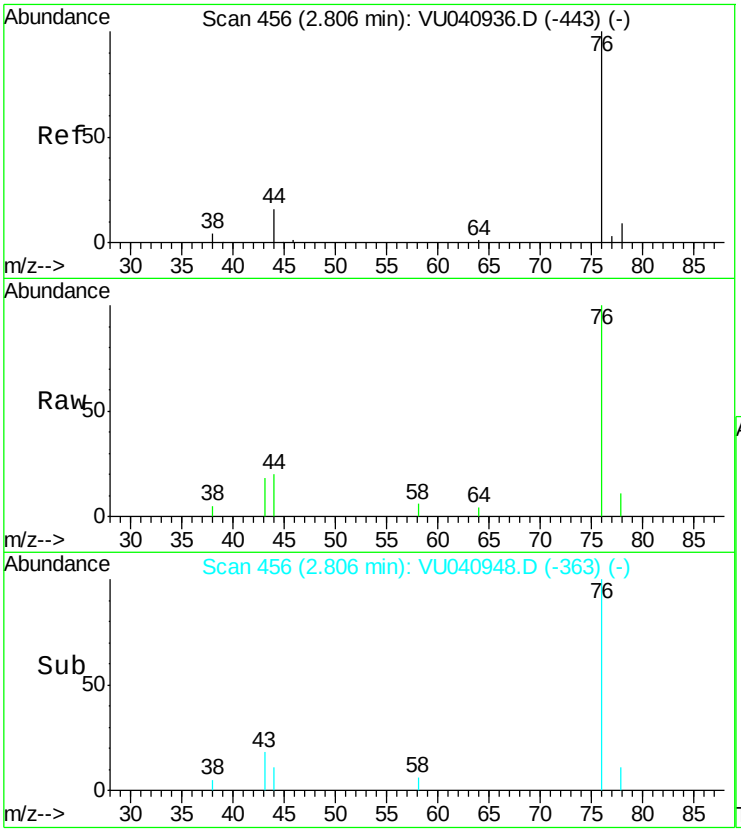


#13
Acetone
Concen: 10.309 ug/L m
RT: 2.70 min Scan# 423
Delta R.T. 0.01 min
Lab File: VU040948.D
Acq: 26 Oct 2020 16:47

Tgt Ion: 43 Resp: 11135

Ion	Ratio	Lower	Upper
43	100		
58	7.4	0.0	25.4

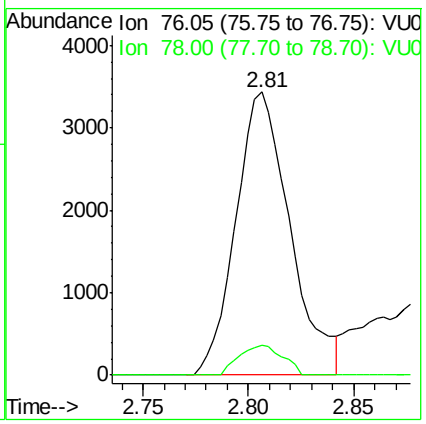




#14
Carbon disulfide
Concen: 0.456 ug/L
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU040948.D
Acq: 26 Oct 2020 16:47

Tgt Ion: 76 Resp: 6150

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.5	11.3



Instrument :
MSVOA_U
ClientSampleId :
C0AM9

Manual Integrations APPROVED
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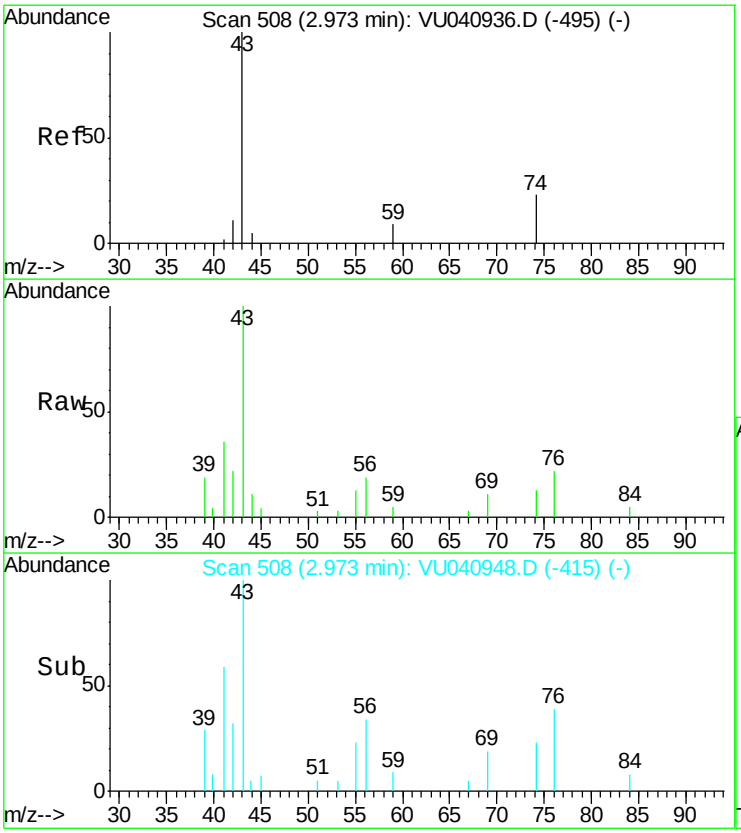
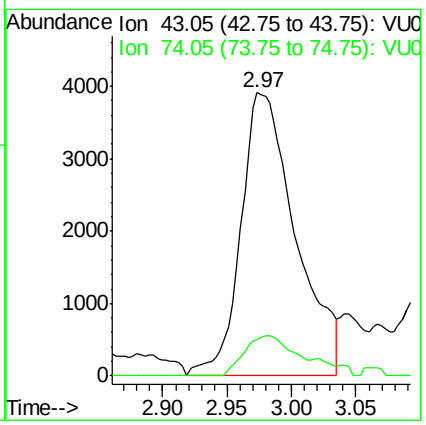
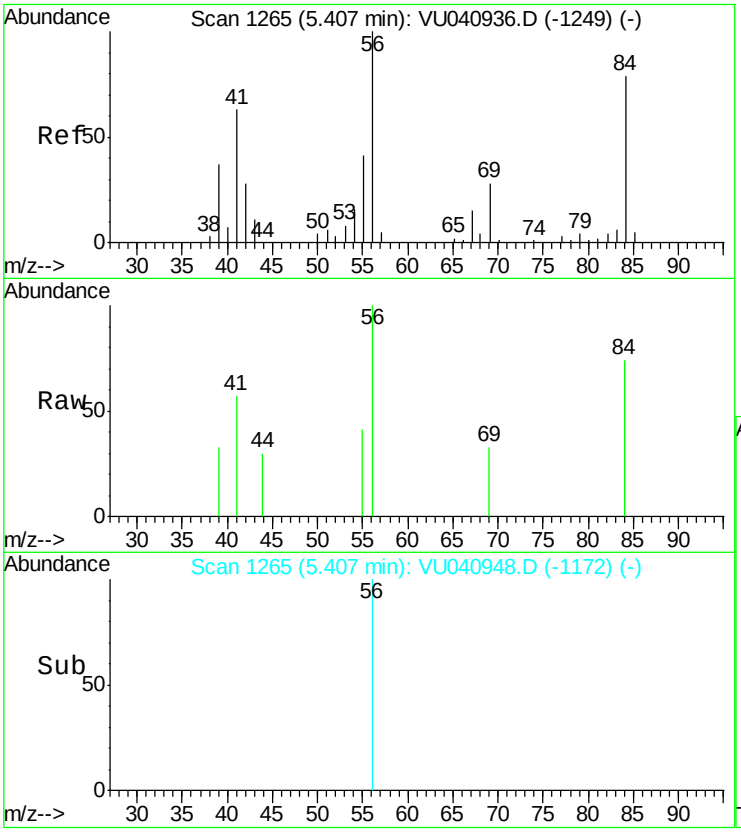


#15
Methyl Acetate
Concen: 4.699 ug/L
RT: 2.97 min Scan# 508
Delta R.T. -0.00 min
Lab File: VU040948.D
Acq: 26 Oct 2020 16:47

Tgt Ion: 43 Resp: 11614

Ion	Ratio	Lower	Upper
43	100		
74	12.7	18.3	27.5#

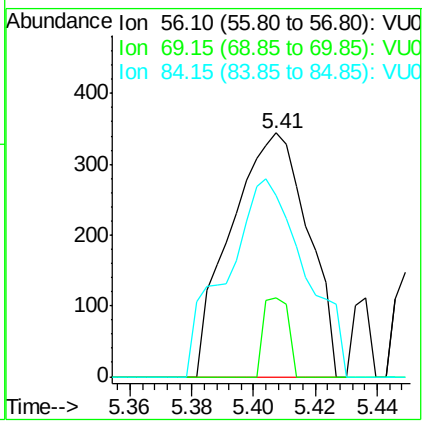




#30
Cyclohexane
Concen: 0.086 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VU040948.D
Acq: 26 Oct 2020 16:47

Tgt Ion: 56 Resp: 594

Ion	Ratio	Lower	Upper
56	100		
69	10.4	22.8	34.2#
84	83.0	63.6	95.4



Instrument :
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ClientSampleId :
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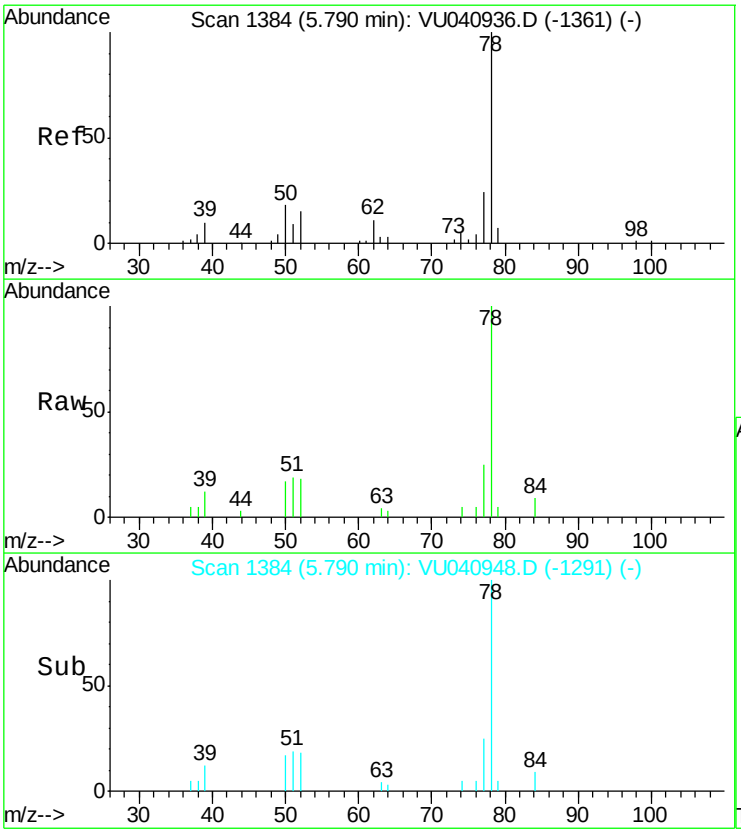
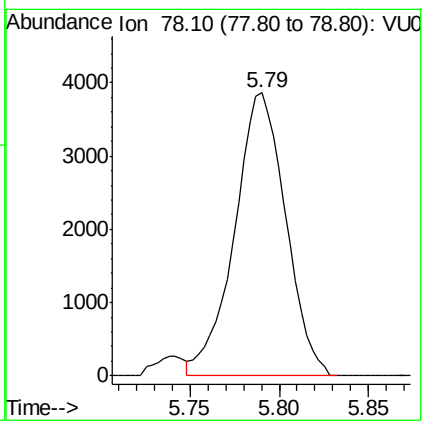
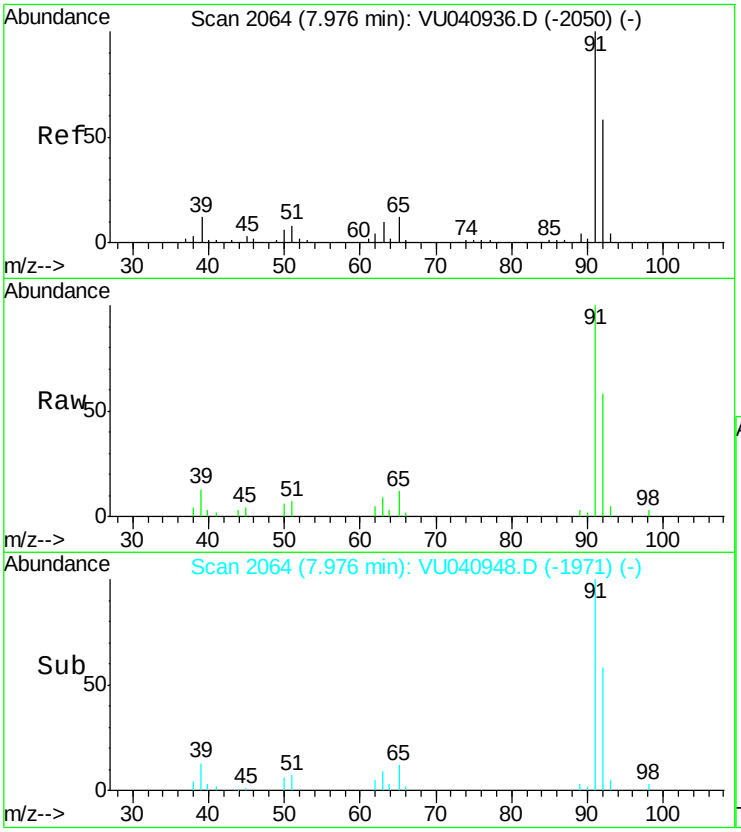


#33
Benzene
Concen: 0.452 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.00 min
Lab File: VU040948.D
Acq: 26 Oct 2020 16:47

Tgt Ion: 78 Resp: 7725

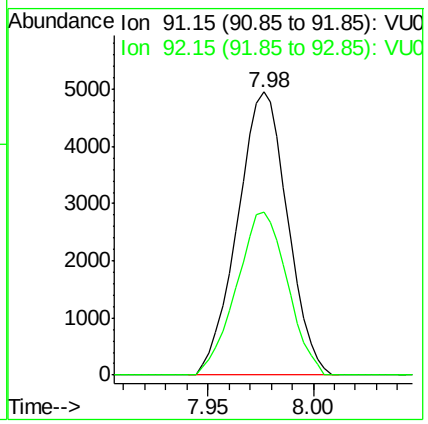




#42
Toluene
Concen: 0.471 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU040948.D
Acq: 26 Oct 2020 16:47

Tgt Ion: 91 Resp: 8150

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.6	75.4



Instrument :
MSVOA_U
ClientSampleId :
C0AM9

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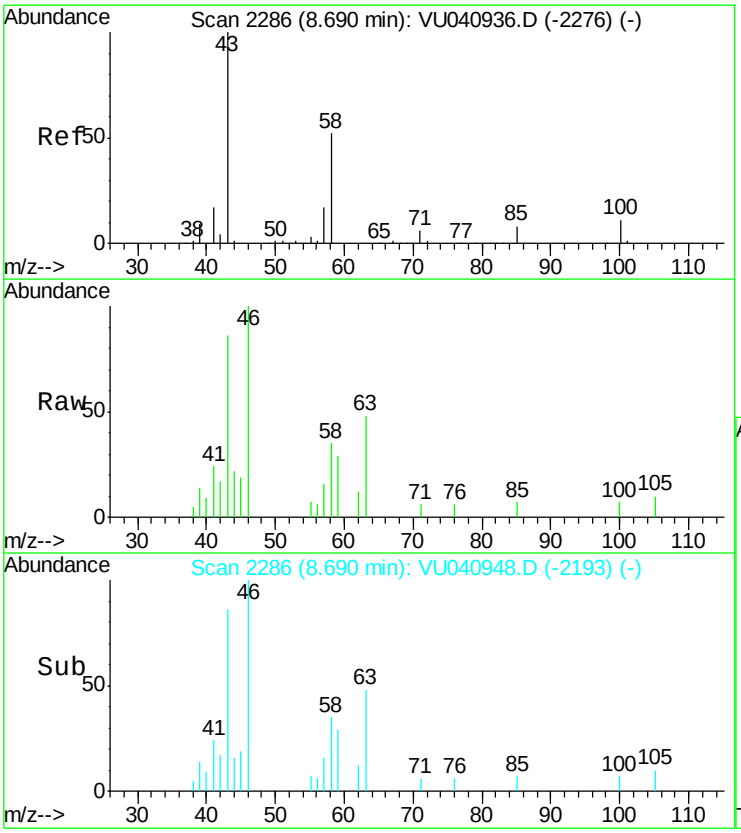
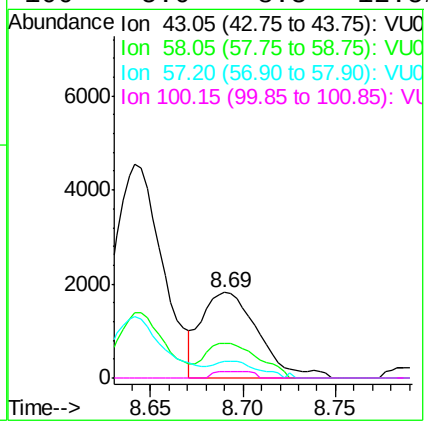
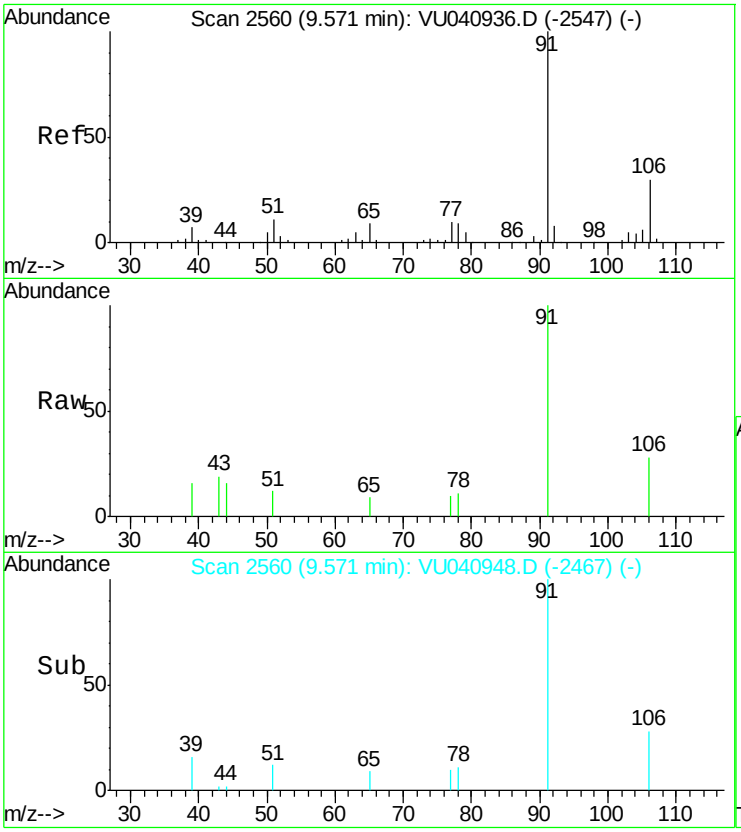


#48
2-Hexanone
Concen: 1.404 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.00 min
Lab File: VU040948.D
Acq: 26 Oct 2020 16:47

Tgt Ion: 43 Resp: 3894

Ion	Ratio	Lower	Upper
43	100		
58	38.9	41.4	62.2#
57	16.4	14.6	21.8
100	5.0	8.3	12.5#

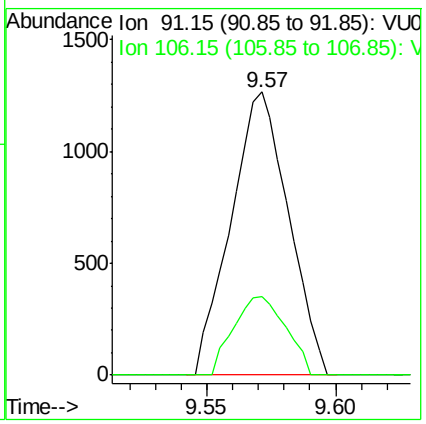




#52
Ethylbenzene
Concen: 0.108 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040948.D
Acq: 26 Oct 2020 16:47

Tgt Ion: 91 Resp: 1972

Ion	Ratio	Lower	Upper
91	100		
106	27.6	21.0	39.0



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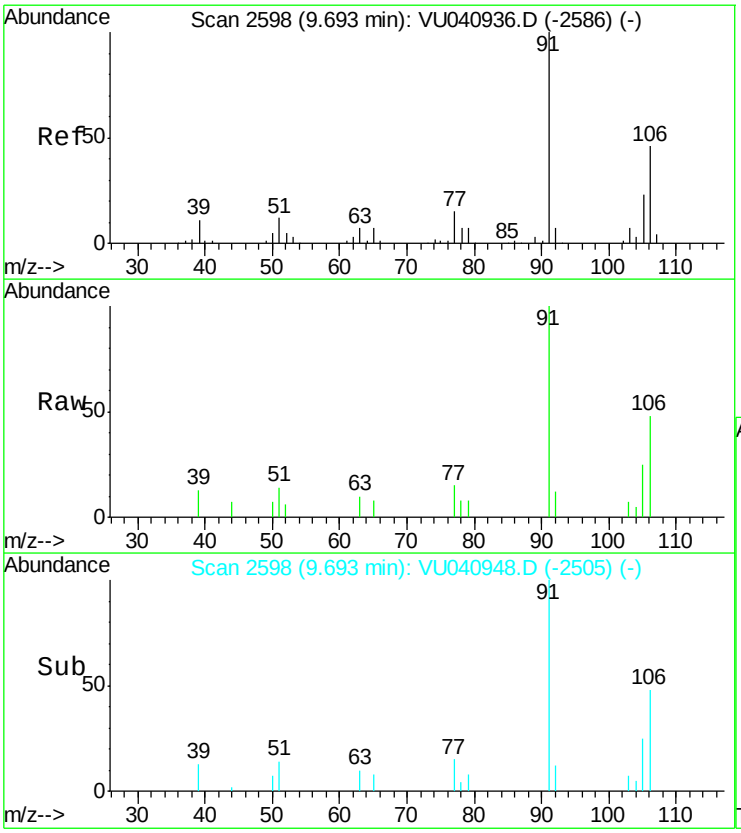
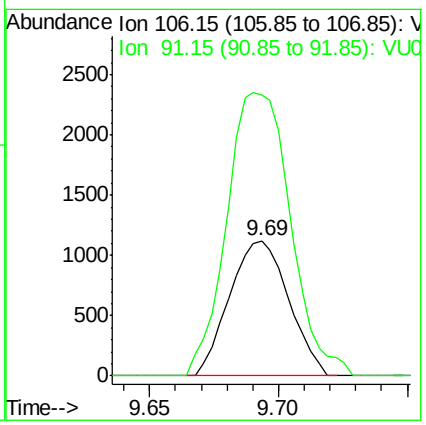
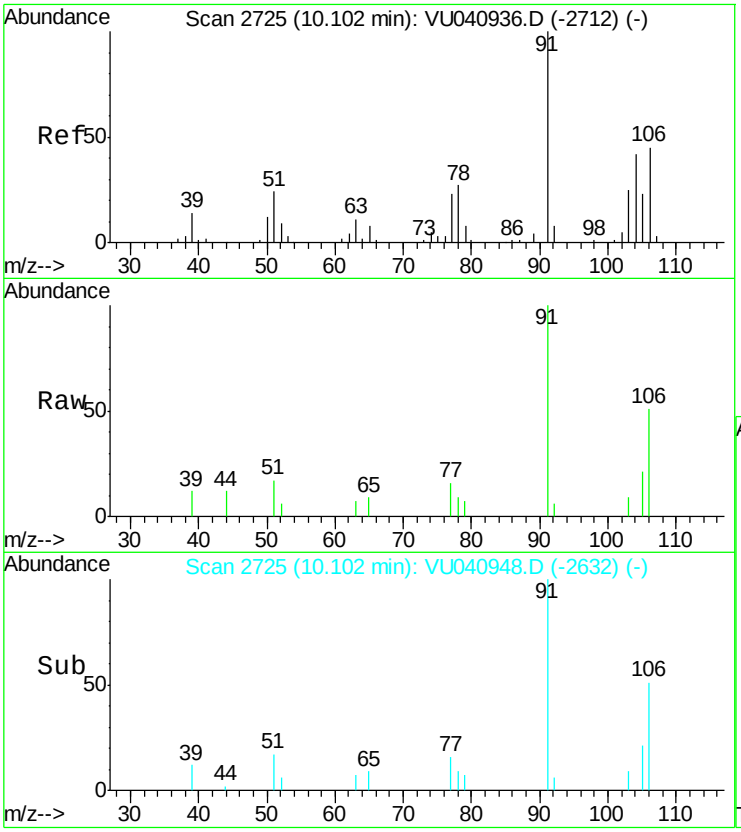


#53
m,p-Xylene
Concen: 0.270 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040948.D
Acq: 26 Oct 2020 16:47

Tgt Ion:106 Resp: 1792

Ion	Ratio	Lower	Upper
106	100		
91	207.8	150.9	280.3

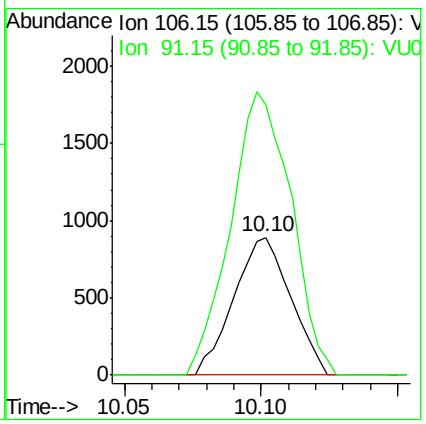




#54
o-Xylene
Concen: 0.209 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040948.D
Acq: 26 Oct 2020 16:47

Tgt Ion:106 Resp: 1291

Ion	Ratio	Lower	Upper
106	100		
91	196.2	154.3	286.5



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